

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028533.D
 Acq On : 29 Aug 2017 00:30
 Operator : SJ/JU
 Sample : I4905-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B12

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.495	657	665	682	rVB	266186	582544	20.34%	1.184%
2	7.654	682	692	699	rBV	192335	340578	11.89%	0.692%
3	7.877	716	730	738	rBV	259819	488025	17.04%	0.992%
4	8.341	804	809	823	rVB	164242	306052	10.68%	0.622%
5	8.899	885	904	911	rVB5	34434	150441	5.25%	0.306%
6	9.040	921	928	947	rVB	297030	628793	21.95%	1.278%
7	9.428	983	994	1000	rBV8	52668	149980	5.24%	0.305%
8	9.510	1000	1008	1017	rVV2	265342	545116	19.03%	1.108%
9	9.792	1044	1056	1064	rVB3	56485	159687	5.57%	0.325%
10	9.957	1078	1084	1089	rBV2	71031	130941	4.57%	0.266%
11	10.074	1099	1104	1113	rVB5	62489	137479	4.80%	0.279%
12	10.192	1116	1124	1126	rBV4	54264	112995	3.94%	0.230%
13	10.233	1126	1131	1138	rVB3	246200	477222	16.66%	0.970%
14	10.327	1139	1147	1150	rBV5	101381	177795	6.21%	0.361%
15	10.368	1151	1154	1162	rVB4	80583	197021	6.88%	0.401%
16	10.456	1162	1169	1176	rBV3	118216	238512	8.33%	0.485%
17	10.538	1177	1183	1189	rBV	106317	182682	6.38%	0.371%
18	10.644	1196	1201	1205	rBV3	87852	141333	4.93%	0.287%
19	10.779	1218	1224	1230	rBV	326375	574974	20.07%	1.169%
20	10.850	1231	1236	1241	rVB3	74078	127352	4.45%	0.259%
21	11.161	1283	1289	1296	rVV	260494	496892	17.35%	1.010%
22	11.279	1304	1309	1316	rBV2	677084	1237490	43.20%	2.516%
23	11.343	1316	1320	1327	rVV5	96755	237333	8.28%	0.482%
24	11.402	1327	1330	1335	rVB3	70058	115564	4.03%	0.235%
25	11.502	1341	1347	1352	rBV4	72019	169473	5.92%	0.345%
26	11.631	1361	1369	1374	rVV4	109744	247086	8.63%	0.502%
27	11.702	1374	1381	1387	rVB9	42794	123800	4.32%	0.252%
28	11.843	1397	1405	1408	rBV5	139999	279940	9.77%	0.569%
29	11.949	1418	1423	1430	rBV5	188439	351420	12.27%	0.714%
30	12.025	1431	1436	1447	rVB2	163159	385941	13.47%	0.785%
31	12.131	1447	1454	1459	rBV	1092725	1716373	59.92%	3.489%
32	12.178	1459	1462	1466	rVB4	79242	129577	4.52%	0.263%
33	12.225	1467	1470	1477	rVB3	142918	276344	9.65%	0.562%
34	12.325	1482	1487	1492	rVB5	87859	143297	5.00%	0.291%

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35	12.407	1494	1501	1511	rBV9	122162	402062	14.04%	0.817%
36	12.518	1513	1520	1529	rBV9	75344	206461	7.21%	0.420%
37	12.612	1529	1536	1539	rVV6	99296	257626	8.99%	0.524%
38	12.648	1539	1542	1550	rVV4	147722	359051	12.53%	0.730%
39	12.736	1550	1557	1563	rVB	321611	681770	23.80%	1.386%
40	12.795	1563	1567	1571	rBV4	101191	161719	5.65%	0.329%
41	12.865	1575	1579	1585	rVB3	119066	215252	7.51%	0.438%
42	12.953	1585	1594	1597	rBV4	122491	346784	12.11%	0.705%
43	13.141	1621	1626	1629	rBV2	275827	462945	16.16%	0.941%
44	13.177	1630	1632	1635	rVV	189663	261167	9.12%	0.531%
45	13.212	1635	1638	1641	rVV3	215786	362099	12.64%	0.736%
46	13.247	1641	1644	1650	rVB	201680	275820	9.63%	0.561%
47	13.335	1651	1659	1663	rVV5	68238	183202	6.40%	0.372%
48	13.400	1664	1670	1674	rVV2	276066	436413	15.23%	0.887%
49	13.459	1674	1680	1686	rVB	1127478	1597982	55.78%	3.248%
50	13.558	1694	1697	1703	rVB6	85822	129773	4.53%	0.264%
51	13.658	1703	1714	1717	rBV10	71412	204613	7.14%	0.416%
52	13.758	1720	1731	1738	rBV4	275145	863739	30.15%	1.756%
53	13.829	1738	1743	1748	rVV3	154651	247747	8.65%	0.504%
54	13.976	1765	1768	1774	rVB2	121714	198497	6.93%	0.404%
55	14.128	1789	1794	1799	rBV3	117507	179864	6.28%	0.366%
56	14.264	1812	1817	1821	rVV4	155335	219511	7.66%	0.446%
57	14.305	1821	1824	1826	rVV2	140396	178873	6.24%	0.364%
58	14.340	1826	1830	1832	rVV	572271	852376	29.75%	1.733%
59	14.393	1832	1839	1844	rVB4	1467928	2864656	100.00%	5.823%
60	14.446	1844	1848	1852	rBV4	92469	146209	5.10%	0.297%
61	14.575	1863	1870	1872	rBV7	90009	197596	6.90%	0.402%
62	14.598	1872	1874	1877	rVB	114046	111015	3.88%	0.226%
63	14.651	1877	1883	1887	rBV	582464	1069091	37.32%	2.173%
64	14.769	1894	1903	1910	rBV5	313090	639874	22.34%	1.301%
65	14.880	1918	1922	1925	rBV4	161310	268381	9.37%	0.546%
66	14.951	1930	1934	1941	rVB2	356156	655088	22.87%	1.332%
67	15.010	1941	1944	1948	rBV2	109936	164044	5.73%	0.333%
68	15.151	1962	1968	1976	rBV3	251707	544050	18.99%	1.106%
69	15.245	1977	1984	1990	rBV4	127125	364422	12.72%	0.741%
70	15.303	1990	1994	1998	rVV	182726	261719	9.14%	0.532%
71	15.350	1999	2002	2008	rVB4	77407	135169	4.72%	0.275%

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72	15.439	2009	2017	2030	rVB4	198784	637152	22.24%	1.295%
73	15.650	2048	2053	2060	rVB3	157560	298554	10.42%	0.607%
74	15.726	2060	2066	2074	rBV8	166502	411082	14.35%	0.836%
75	15.809	2075	2080	2084	rBV2	149860	276135	9.64%	0.561%
76	15.862	2085	2089	2097	rVB6	90332	178949	6.25%	0.364%
77	15.944	2097	2103	2108	rBV	862498	1352290	47.21%	2.749%
78	16.061	2117	2123	2130	rVB3	217321	421607	14.72%	0.857%
79	16.155	2130	2139	2145	rBV	797144	1378204	48.11%	2.802%
80	16.379	2173	2177	2184	rVB3	134043	182668	6.38%	0.371%
81	16.637	2213	2221	2227	rBV	1305471	2094721	73.12%	4.258%
82	16.954	2271	2275	2279	rVB2	79640	112407	3.92%	0.229%
83	17.013	2280	2285	2289	rVB2	133411	211693	7.39%	0.430%
84	17.231	2318	2322	2327	rBV2	71852	111830	3.90%	0.227%
85	17.460	2355	2361	2366	rBV	542846	799785	27.92%	1.626%
86	17.701	2396	2402	2413	rVV2	468993	877346	30.63%	1.783%
87	17.801	2413	2419	2429	rVB2	874917	1444826	50.44%	2.937%
88	18.065	2460	2464	2470	rVB2	124825	199972	6.98%	0.407%
89	18.558	2542	2548	2565	rBV	1230018	2091331	73.00%	4.251%
90	19.281	2667	2671	2678	rVB5	70874	128685	4.49%	0.262%
91	19.739	2739	2749	2754	rVB2	128115	353306	12.33%	0.718%
92	19.810	2755	2761	2770	rBV2	787335	1113171	38.86%	2.263%
93	20.080	2800	2807	2817	rBV2	1119540	1966160	68.64%	3.997%
94	21.596	3061	3065	3075	rVB6	113122	241700	8.44%	0.491%
95	22.031	3130	3139	3145	rBV2	539330	1105231	38.58%	2.247%
96	22.084	3146	3148	3158	rVB	95650	139523	4.87%	0.284%
97	24.440	3540	3549	3556	rBV4	80355	283195	9.89%	0.576%
98	25.309	3687	3697	3705	rBV2	502809	1517726	52.98%	3.085%
99	25.550	3729	3738	3747	rVB2	225141	665659	23.24%	1.353%
100	26.696	3929	3933	3945	rVB6	47701	130837	4.57%	0.266%

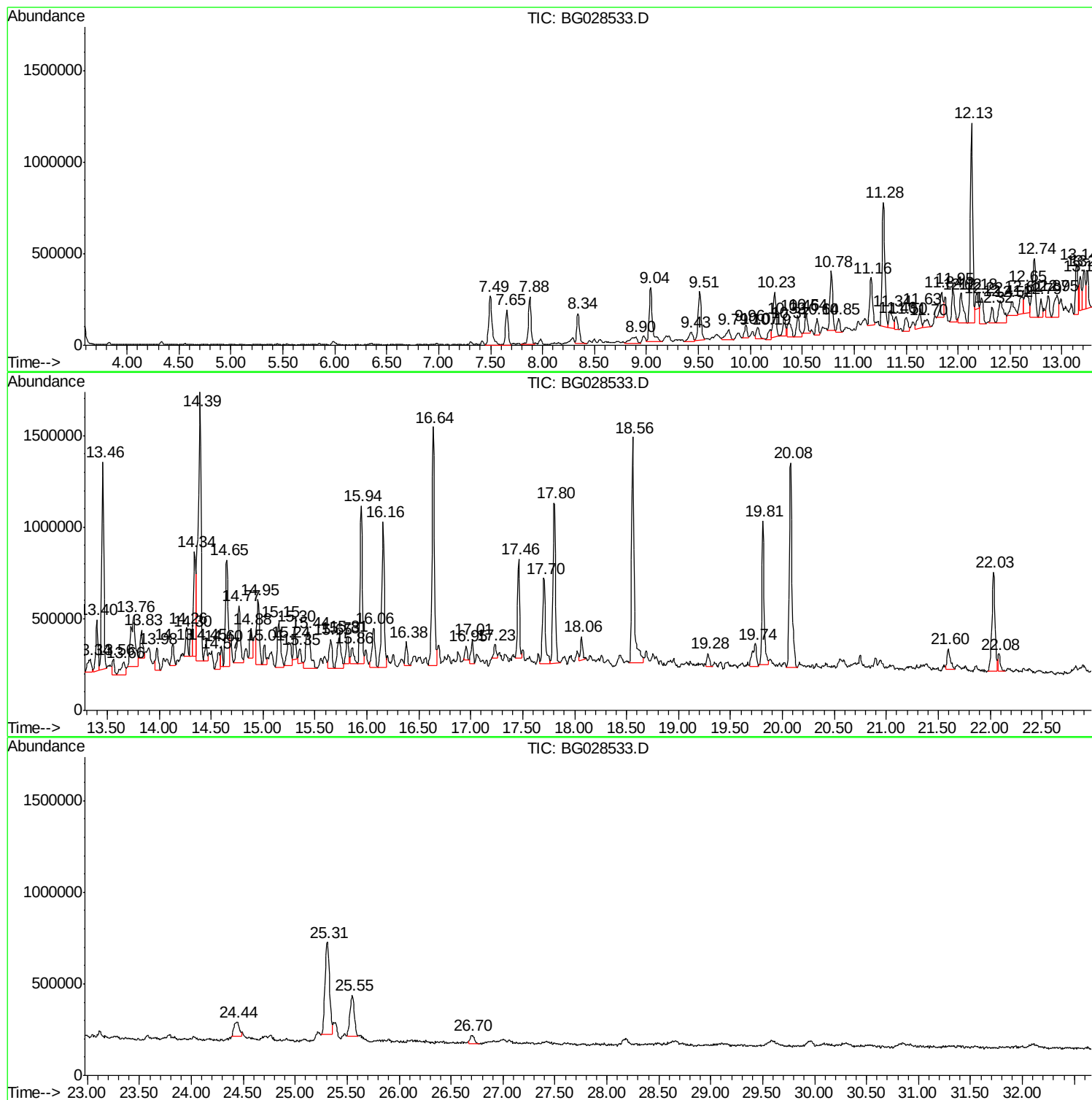
Sum of corrected areas: 49192457

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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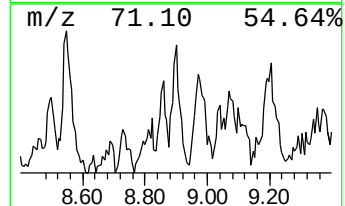
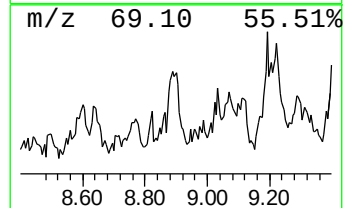
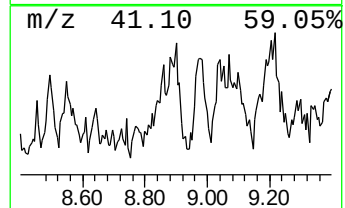
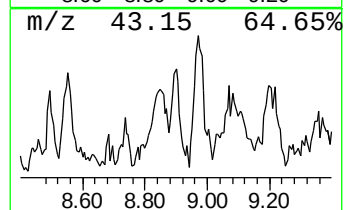
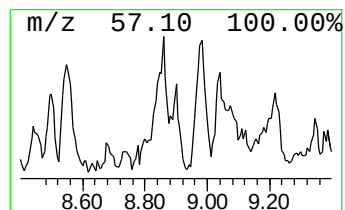
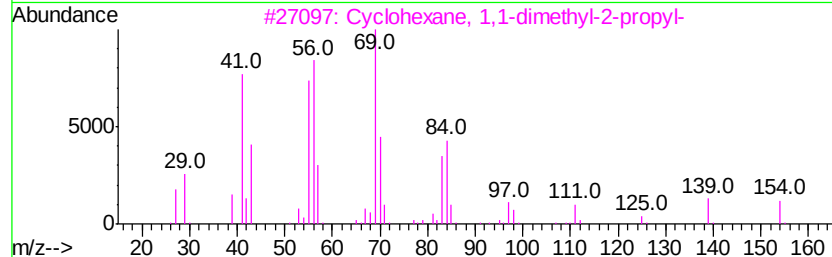
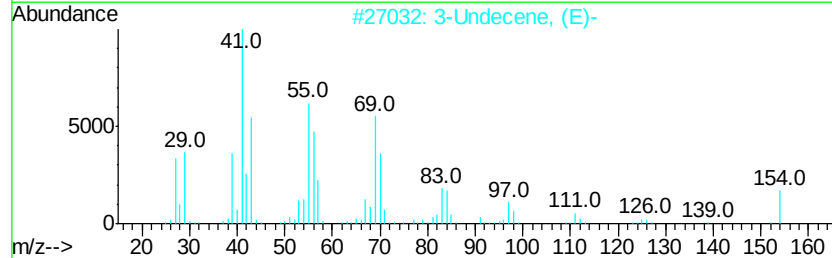
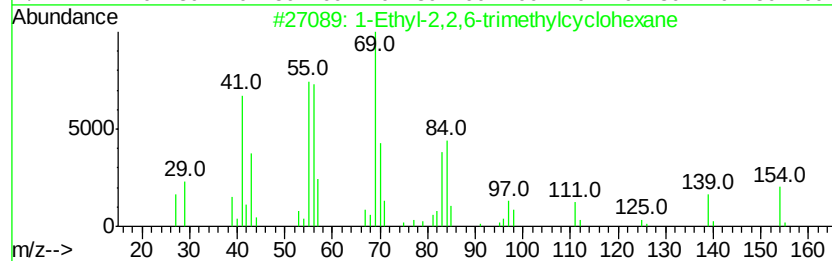
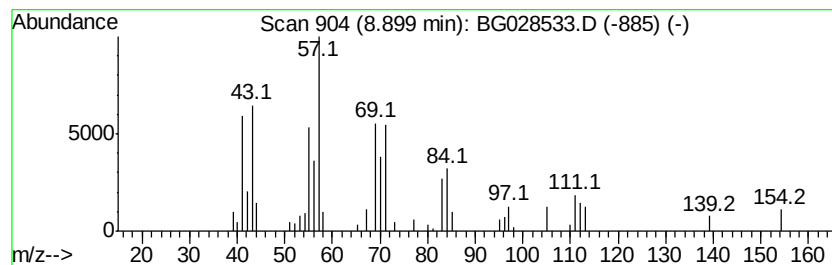
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic8.90 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.83 ng/ul	150441	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	46
2		3-Undecene, (E)-	154	C11H22	001002-68-2	46
3		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	46
4		4-Undecene, (E)-	154	C11H22	000693-62-9	46
5		3-Undecene, (Z)-	154	C11H22	000821-97-6	45



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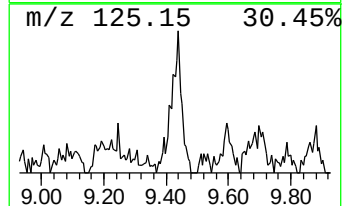
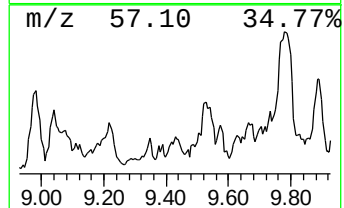
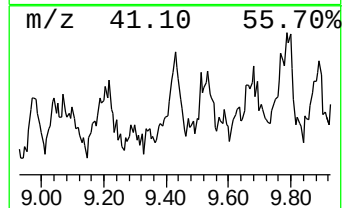
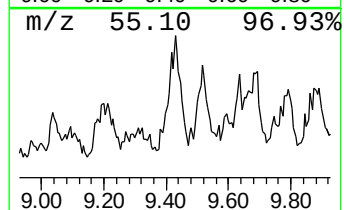
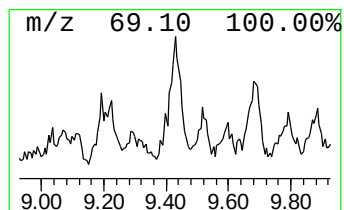
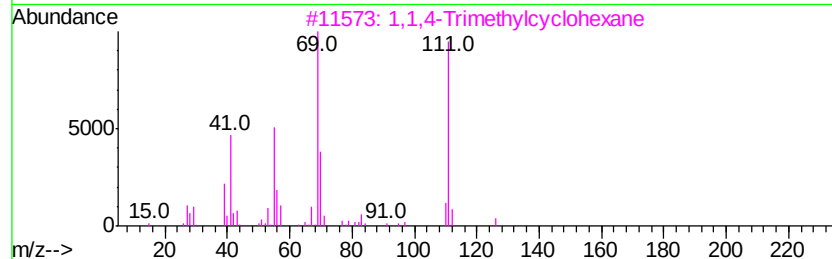
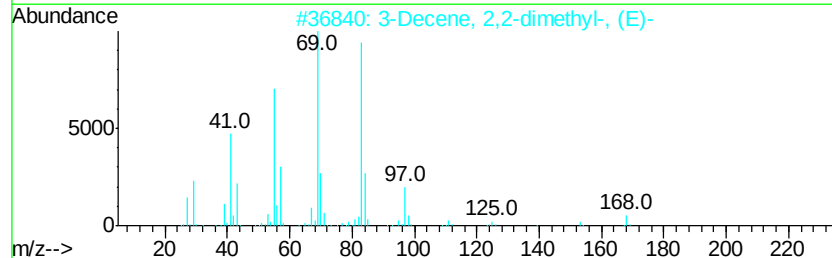
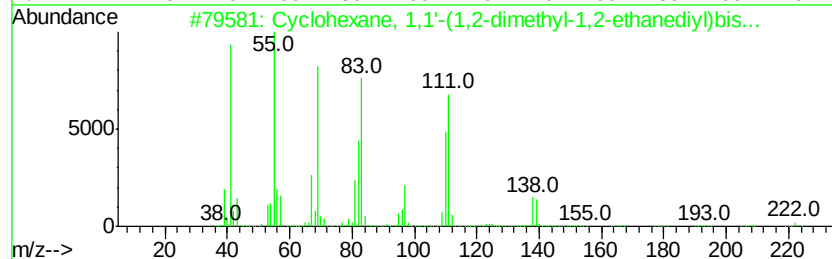
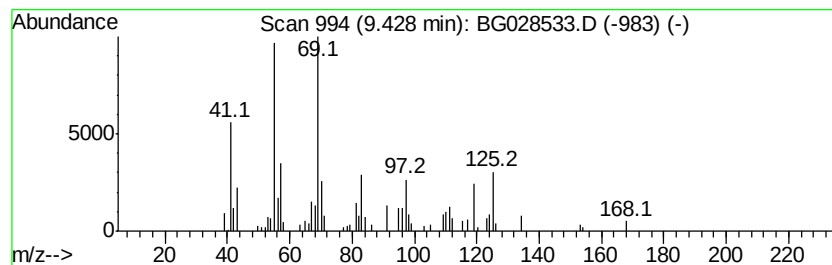
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.80 ng/ul	149980	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	43
2			3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	43
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
4			Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	38



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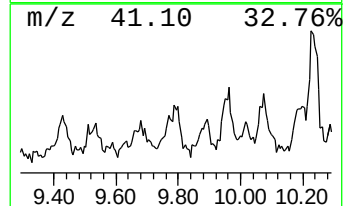
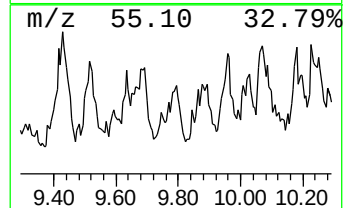
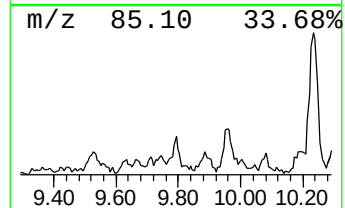
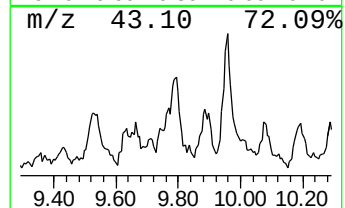
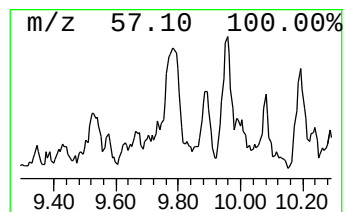
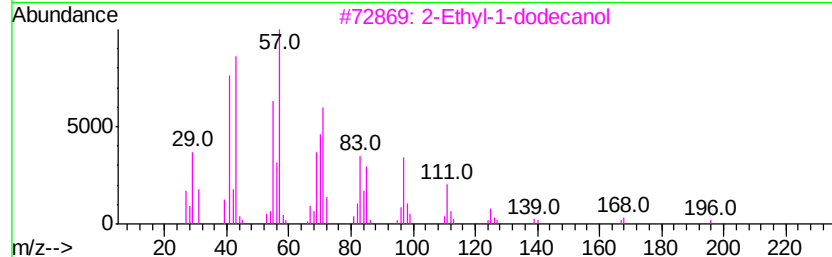
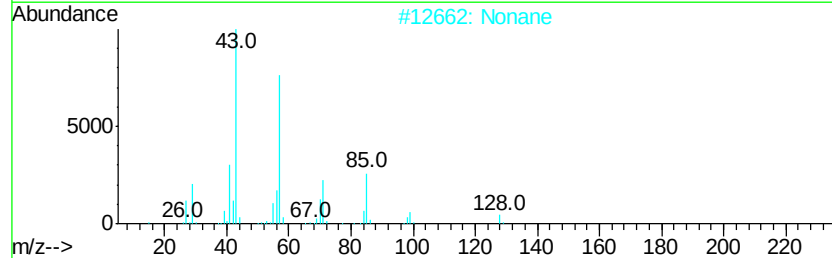
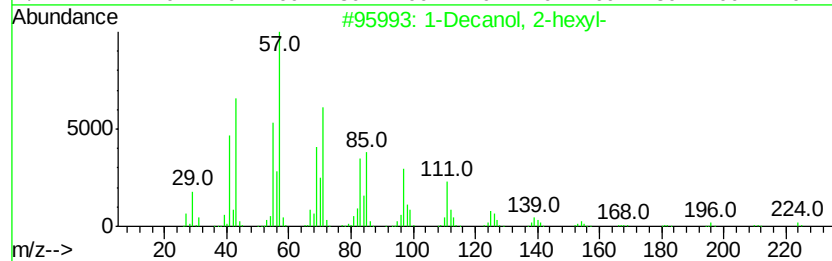
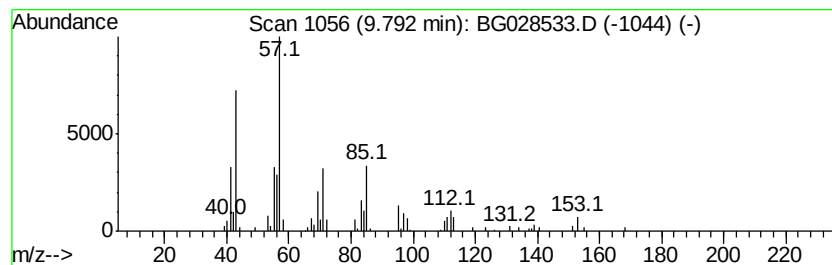
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Peak Number 3 1-Decanol, 2-hexyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.43 ng/ul	159687	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	53
2	Nonane	128 C9H20	000111-84-2	53
3	2-Ethyl-1-dodecanol	214 C14H30O	019780-33-7	50
4	Decane	142 C10H22	000124-18-5	50
5	1-Decanol, 2-ethyl-	186 C12H26O	021078-65-9	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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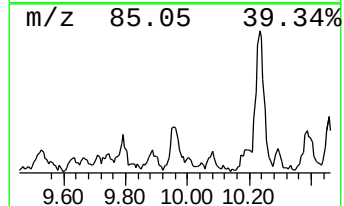
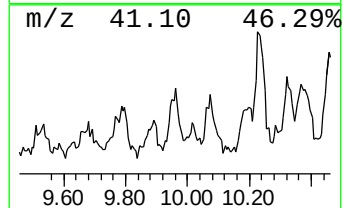
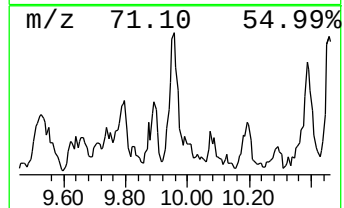
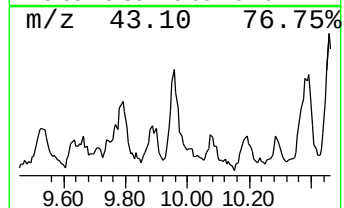
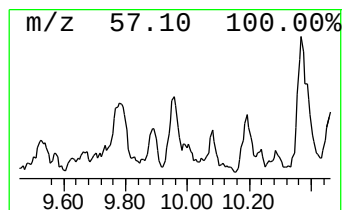
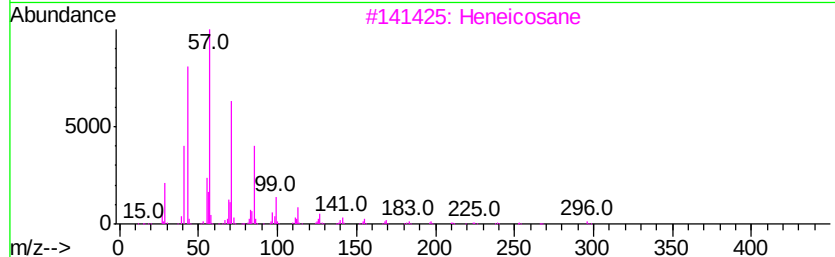
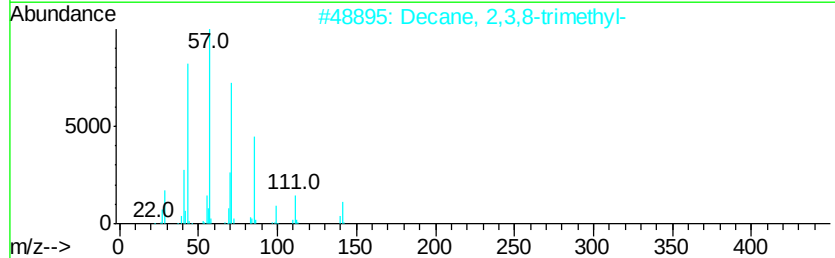
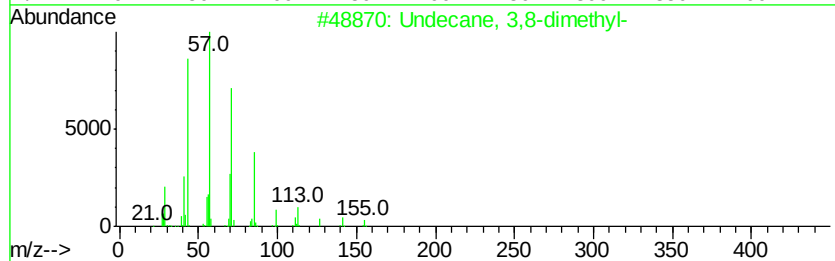
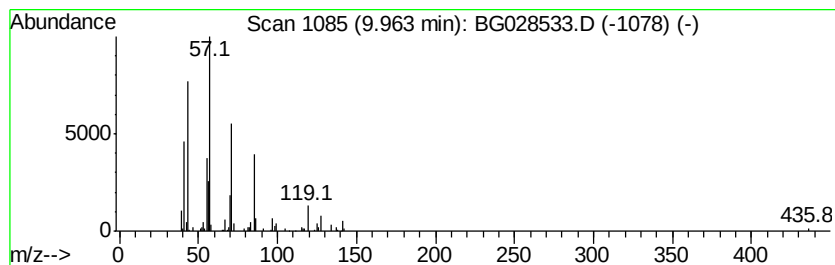
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.27 ng/ul	130941	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3		Heneicosane	296	C21H44	000629-94-7	59
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
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Instrument :
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ClientSampleId :
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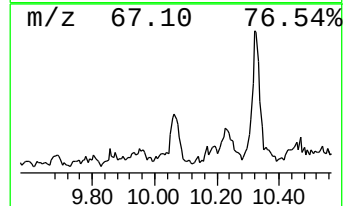
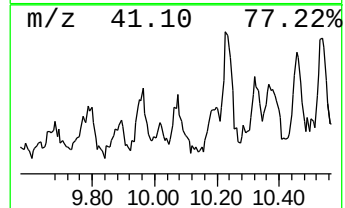
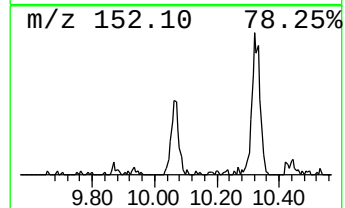
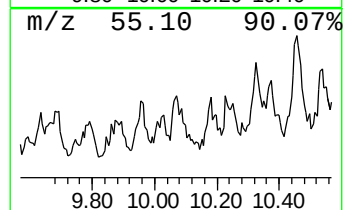
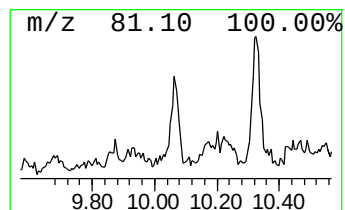
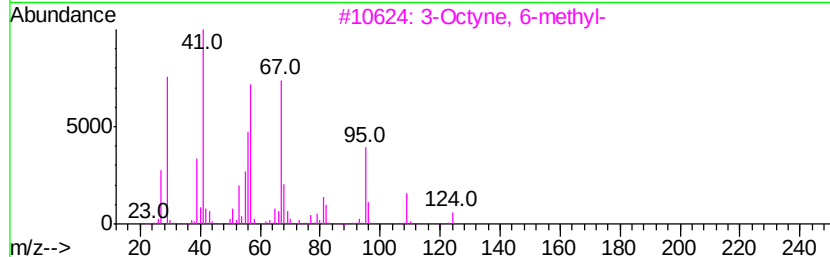
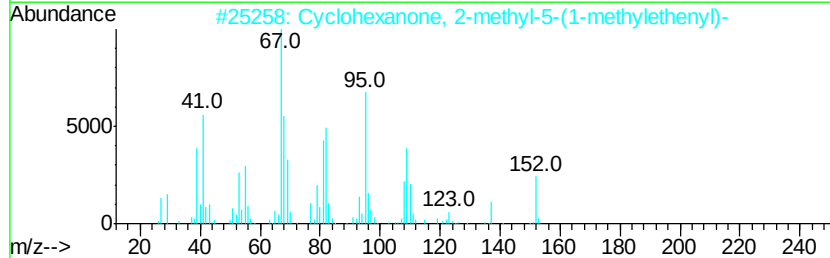
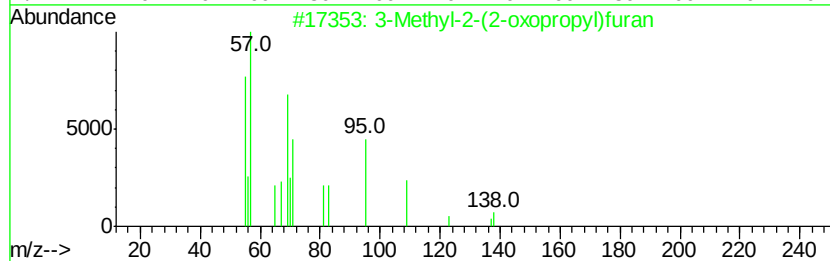
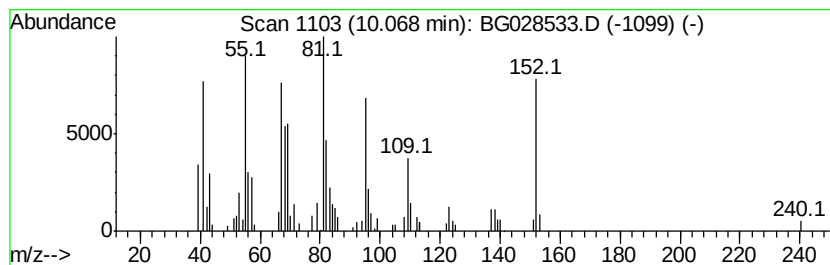
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Methyl-2-(2-oxopropyl)furan Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	5.53 ng/ul	137479	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	50
2		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	46
3		3-Octyne, 6-methyl-	124	C9H16	062108-34-3	30
4		8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	27
5		3-Nonyne	124	C9H16	020184-89-8	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

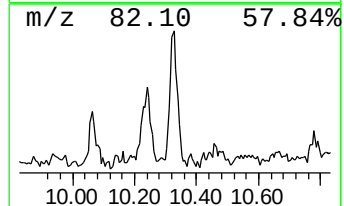
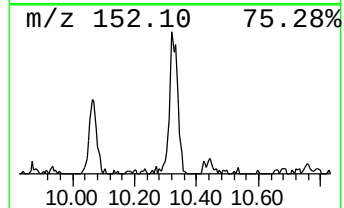
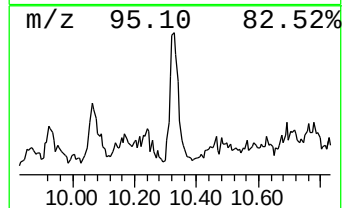
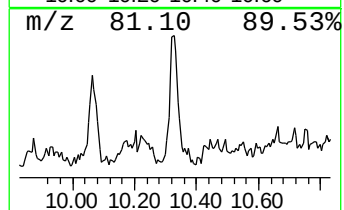
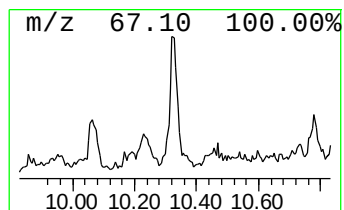
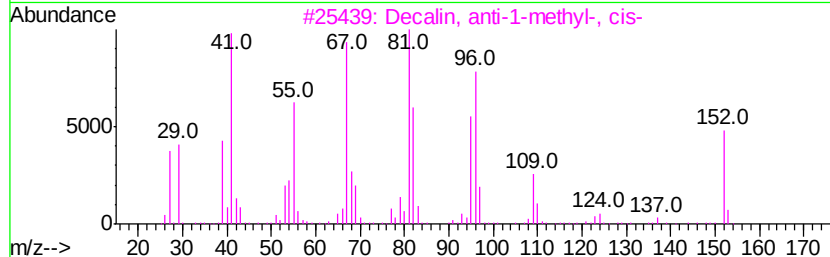
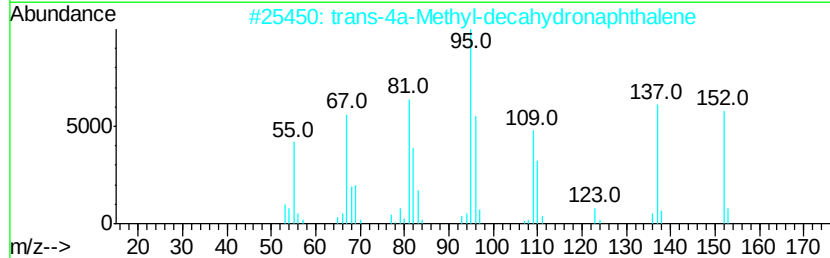
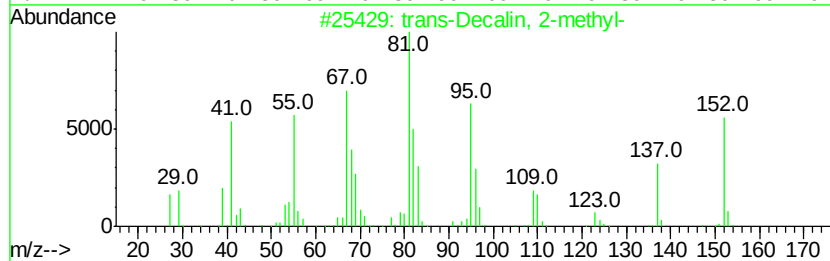
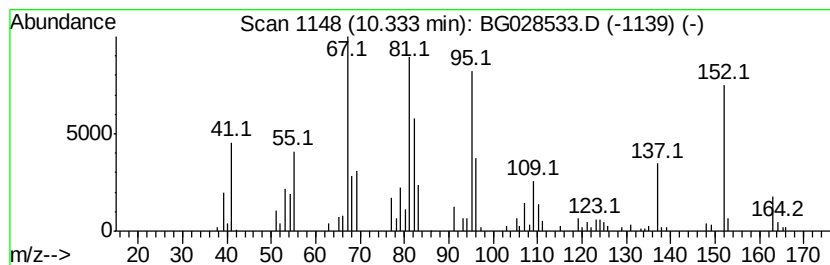
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	7.16 ng/ul	177795	Naphthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	76
2	trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5	76
3	Decalin, anti-1-methyl-, cis-	152 C11H20	1000158-89-0	68
4	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	64
5	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
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ClientSampleId :
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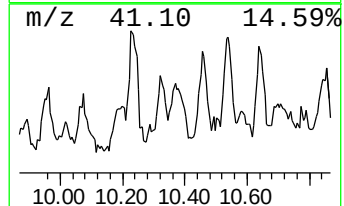
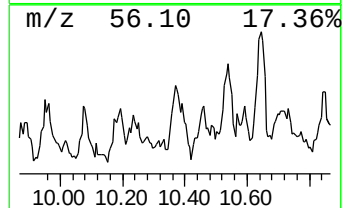
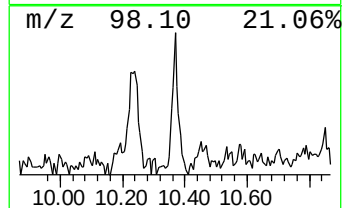
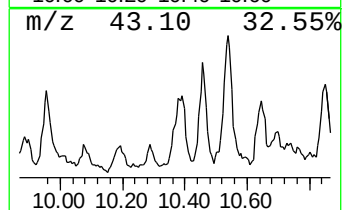
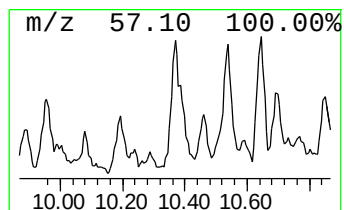
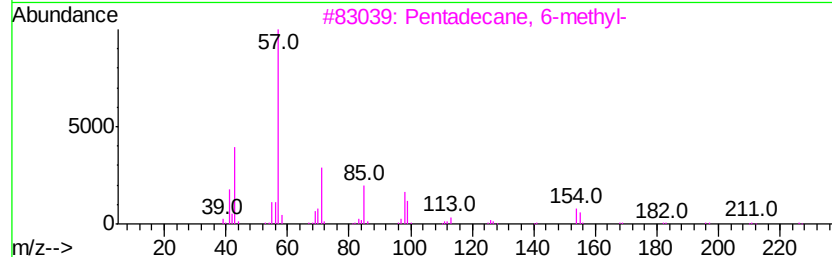
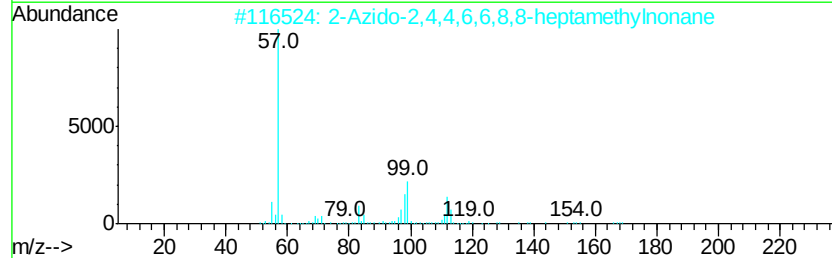
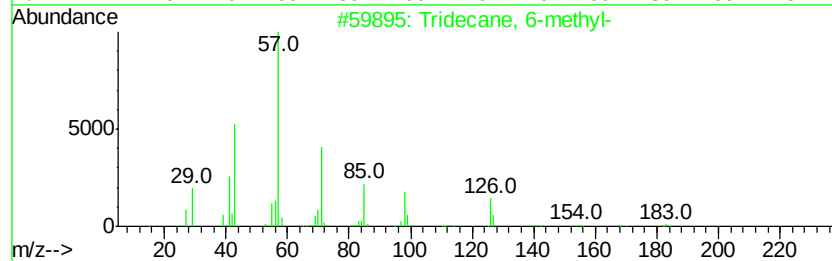
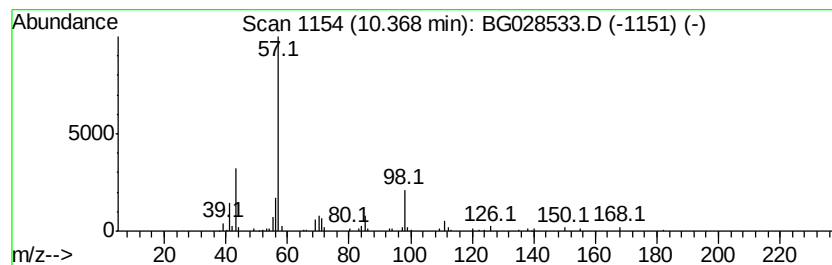
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	7.93 ng/ul	197021	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	45
3		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	42
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	37
5		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Operator : SJ/JU
Sample : I4905-15
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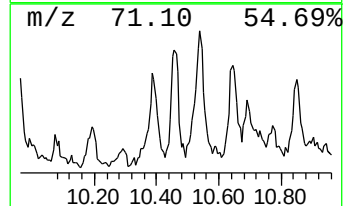
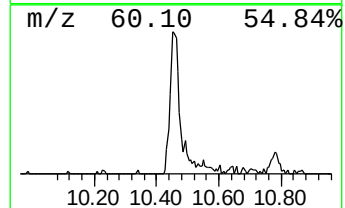
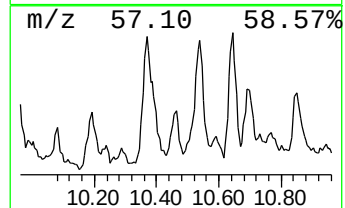
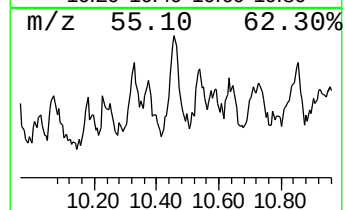
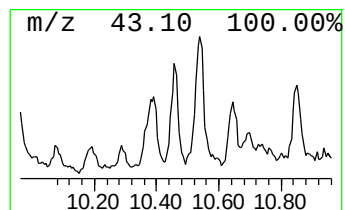
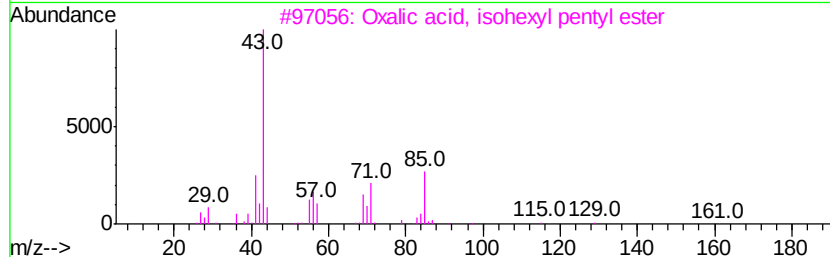
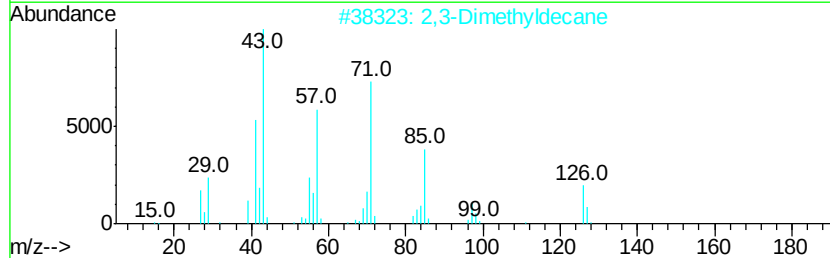
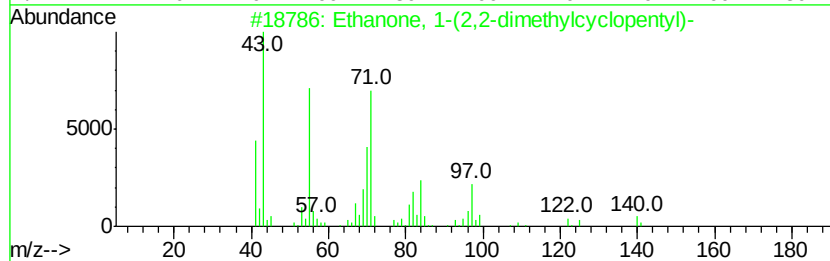
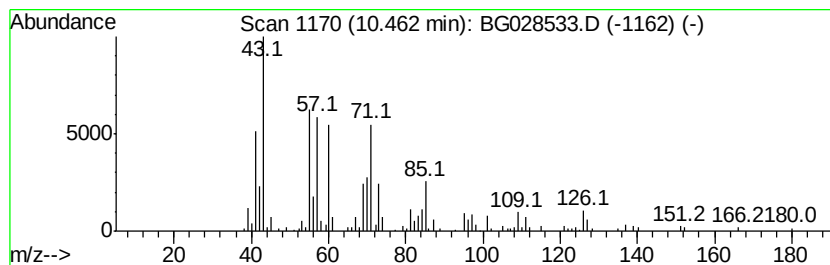
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	9.60 ng/ul	238512	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanone, 1-(2,2-dimethylcyclopentyl)-	140 C9H16O	003664-75-3 38
2		2,3-Dimethyldecane	170 C12H26	017312-44-6 38
3		Oxalic acid, isohexyl pentyl ester	244 C13H24O4	1000309-32-8 35
4		Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6 35
5		Octane, 6-ethyl-2-methyl-	156 C11H24	062016-19-7 35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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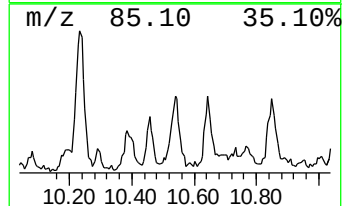
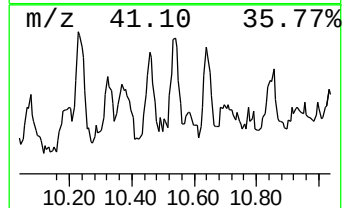
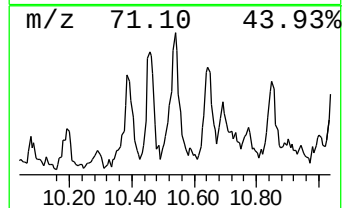
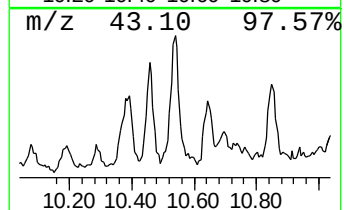
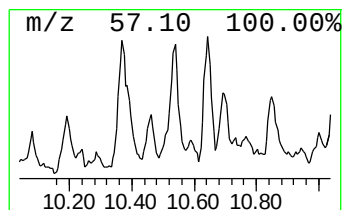
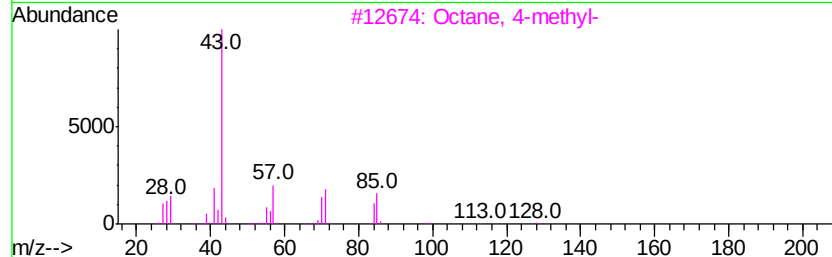
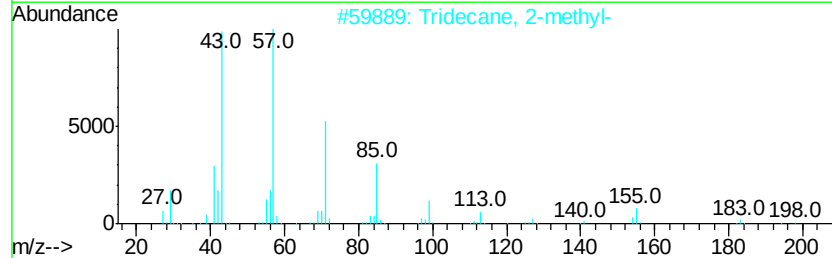
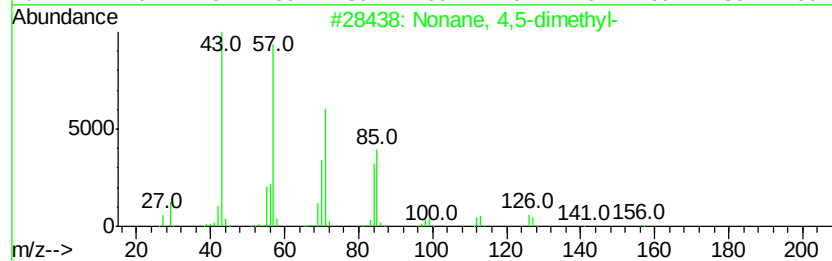
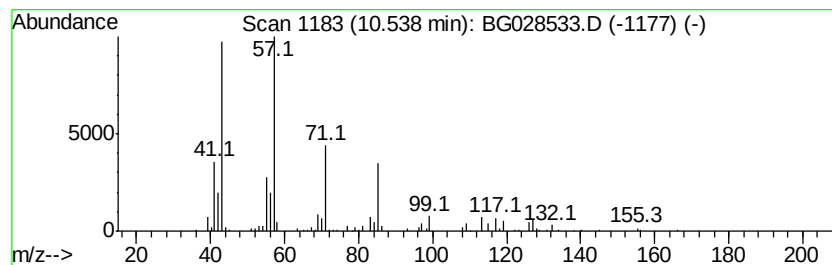
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	7.35 ng/ul	182682	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
3		Octane, 4-methyl-	128	C9H20	002216-34-4	59
4		Decane, 2-methyl-	156	C11H24	006975-98-0	58
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
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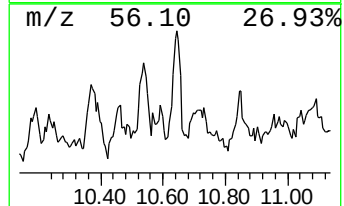
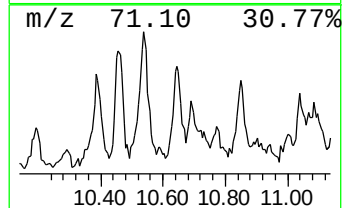
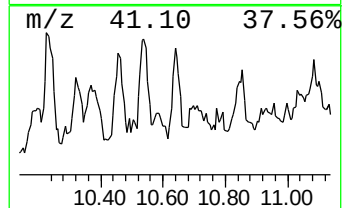
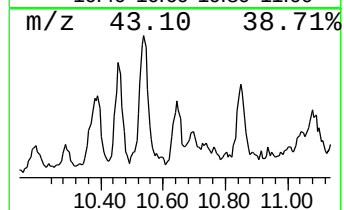
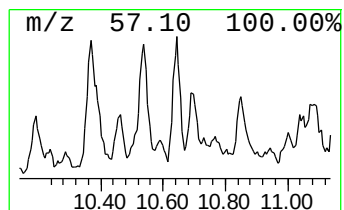
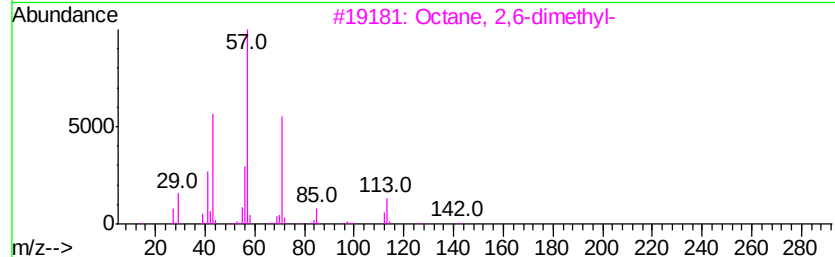
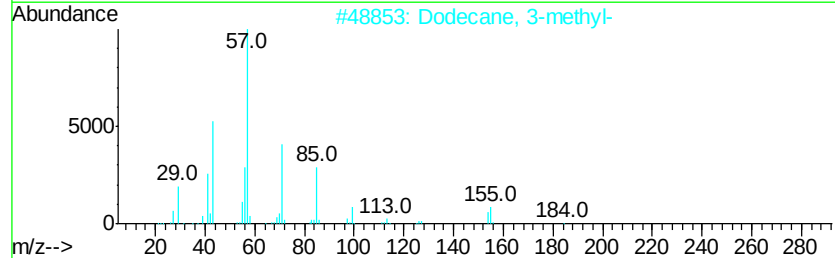
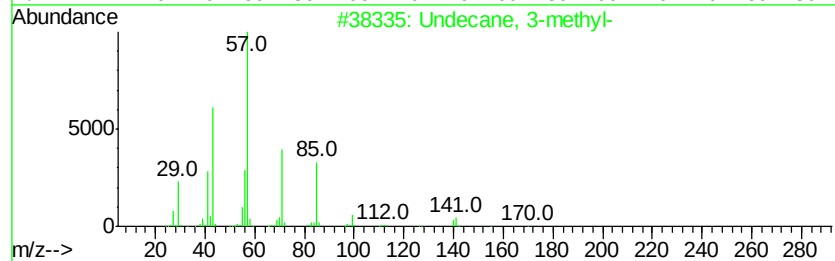
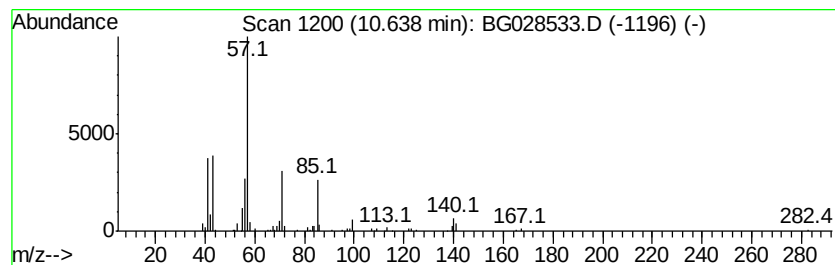
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.69 ng/ul	141333	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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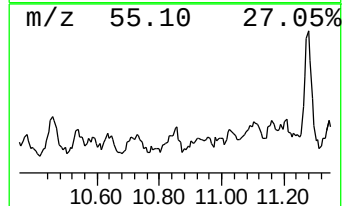
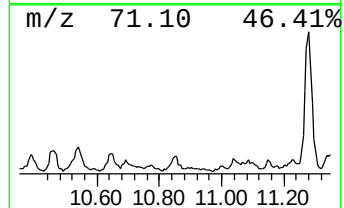
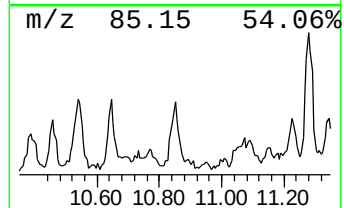
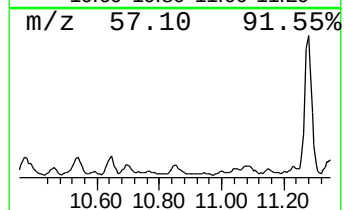
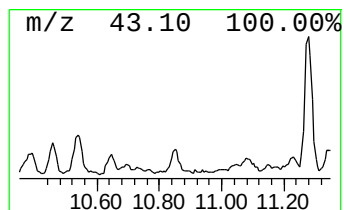
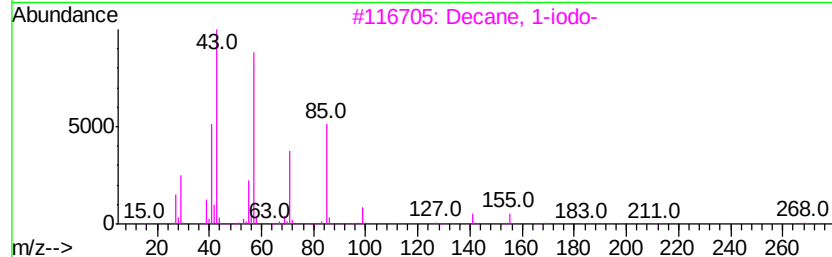
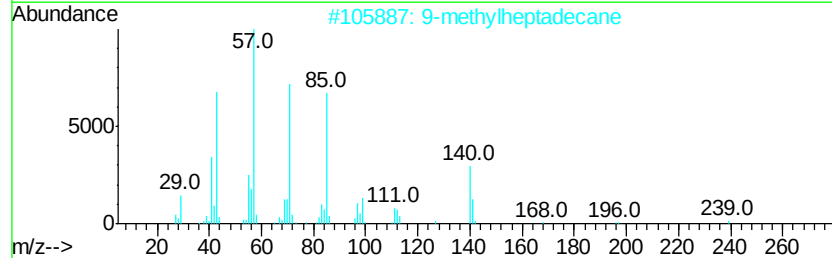
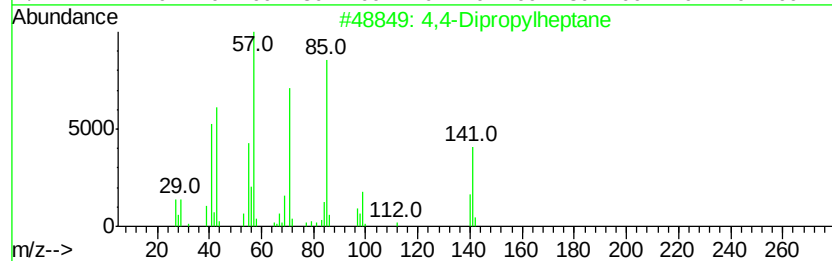
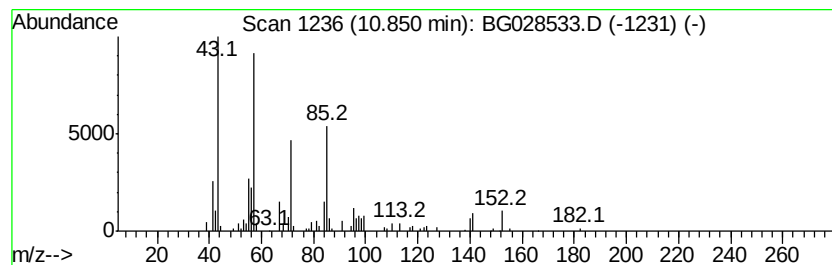
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.13 ng/ul	127352	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dipropylheptane	184	C13H28	017312-72-0	59
2		9-methylheptadecane	254	C18H38	026741-18-4	53
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	50
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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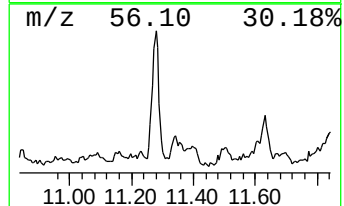
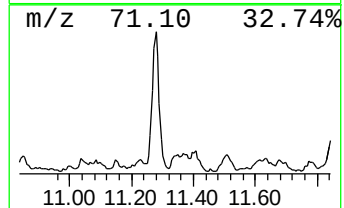
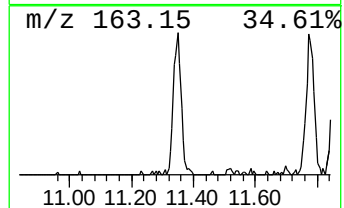
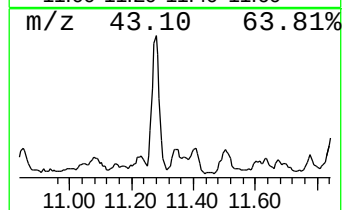
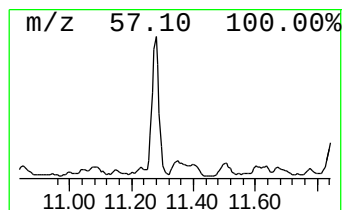
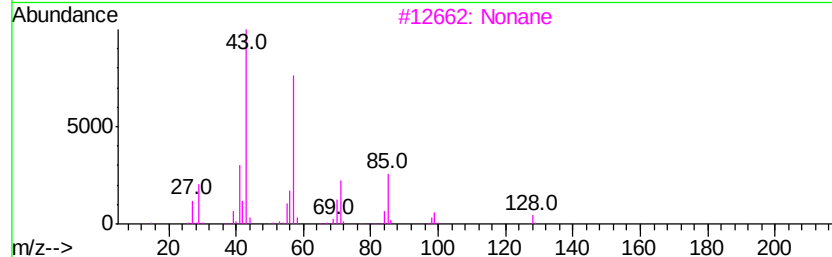
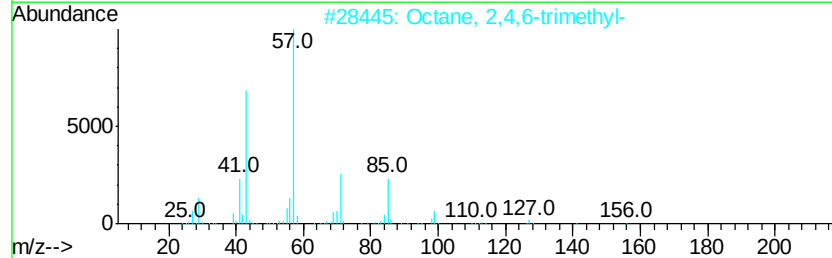
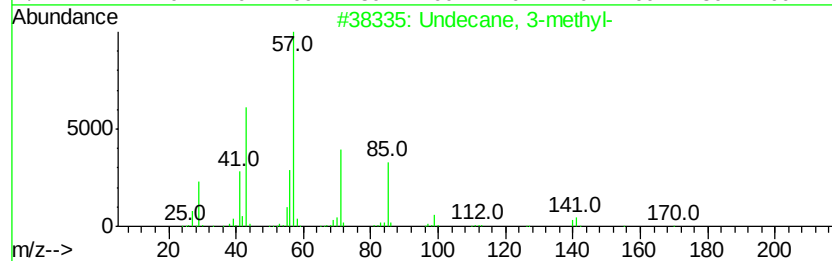
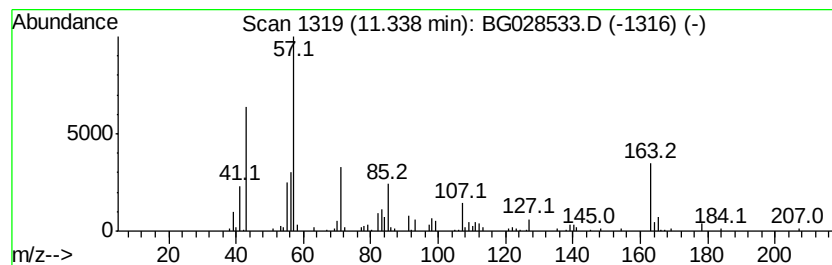
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	9.55 ng/ul	237333	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3		Nonane	128	C9H20	000111-84-2	47
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5		Decane	142	C10H22	000124-18-5	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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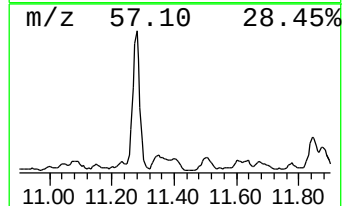
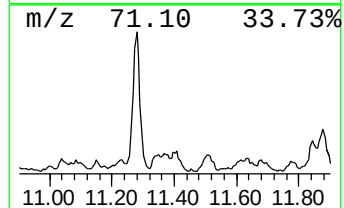
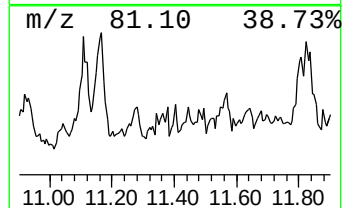
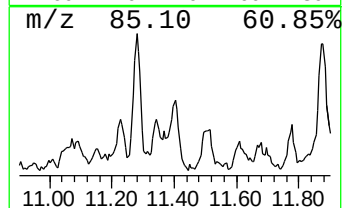
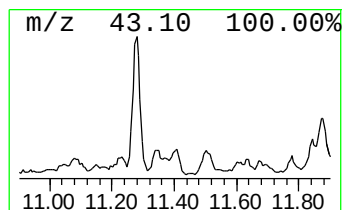
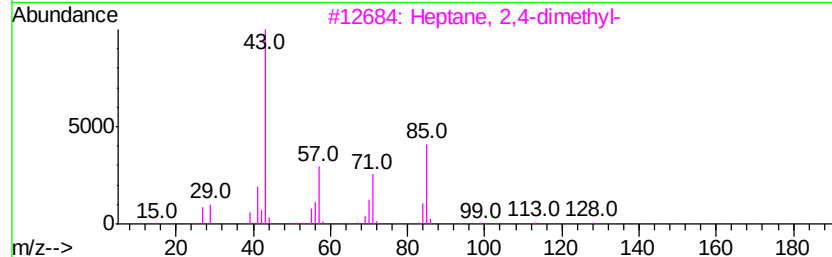
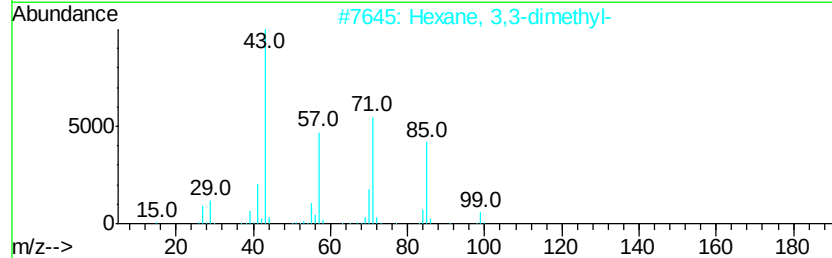
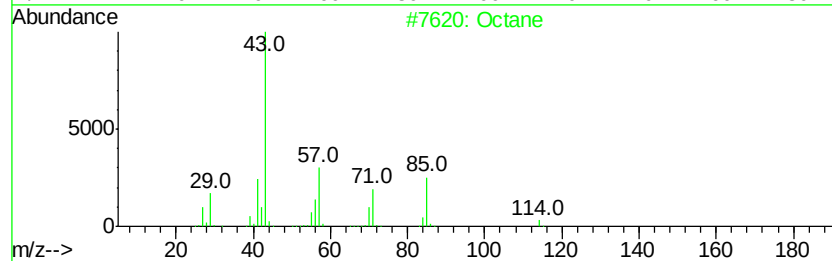
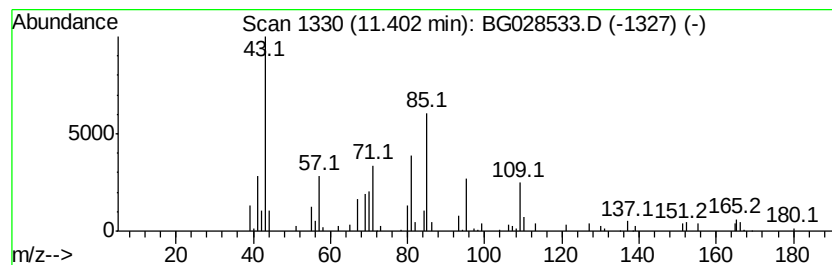
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.65 ng/ul	115564	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	43
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
4		3-Pentanone,2-nitro-4-methyl-1-(...	245	C11H19NO5	1000196-84-1	35
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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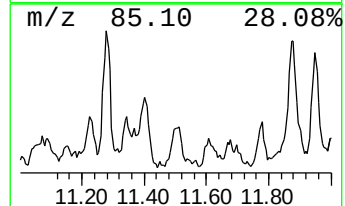
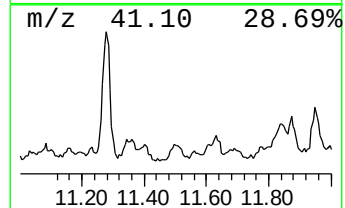
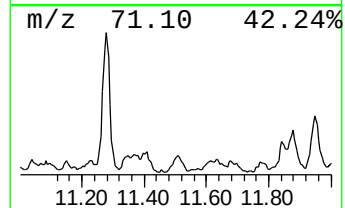
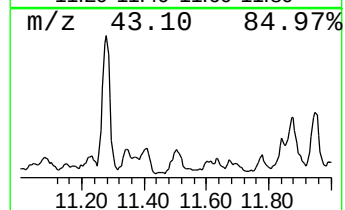
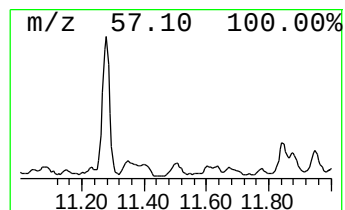
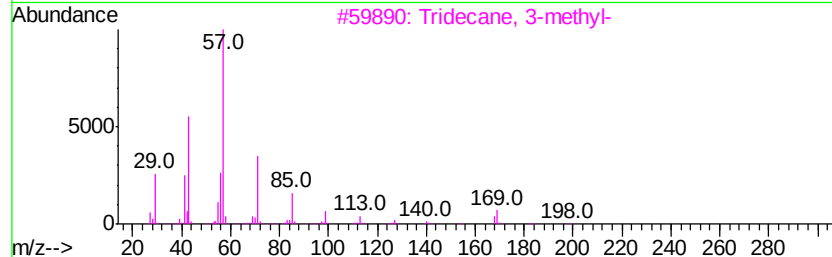
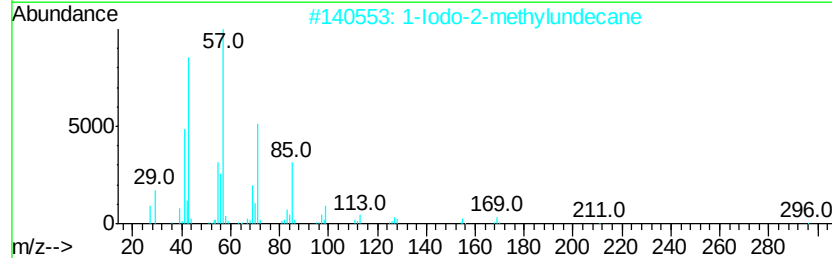
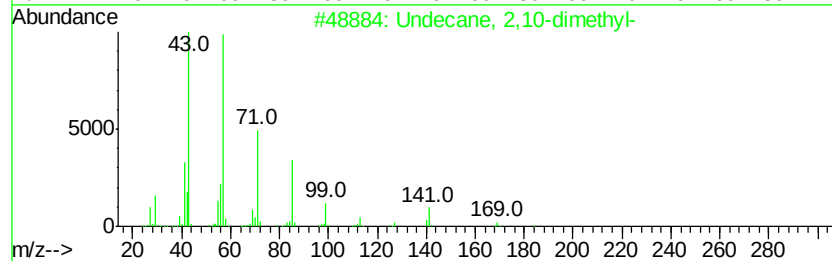
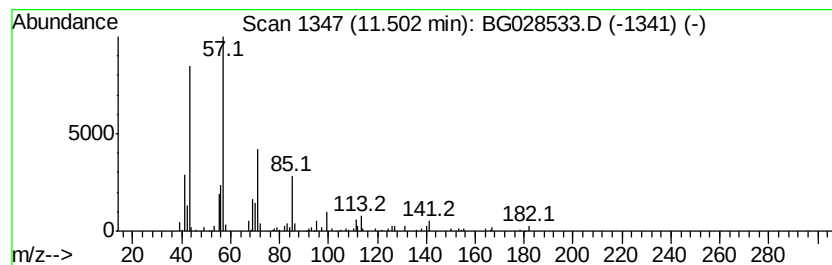
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	6.82 ng/ul	169473	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4			Dodecane	170	C12H26	000112-40-3	64
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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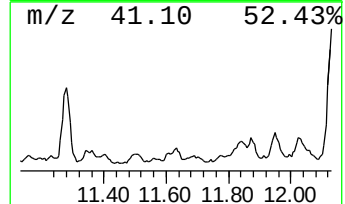
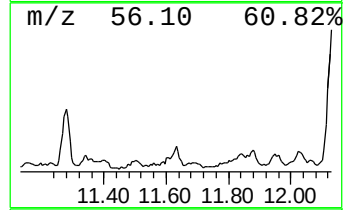
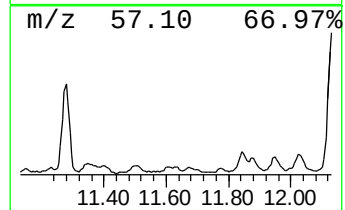
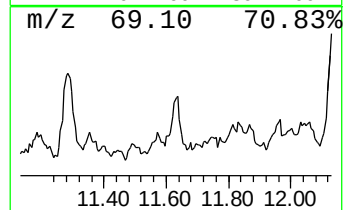
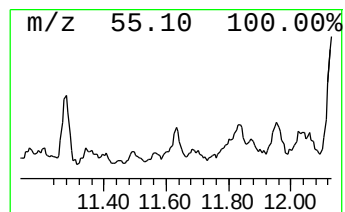
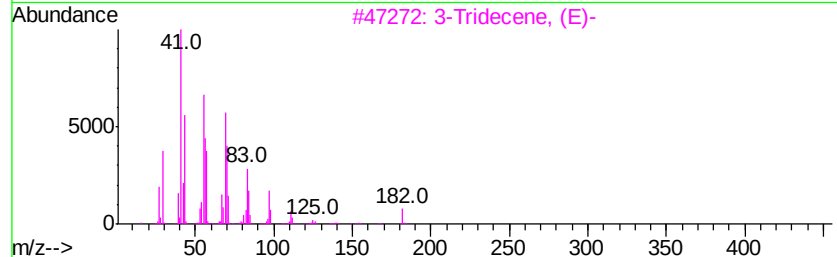
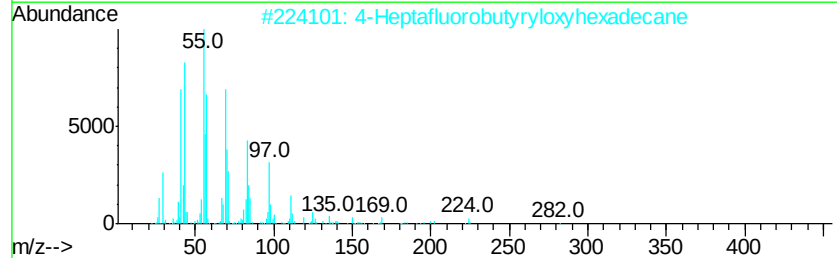
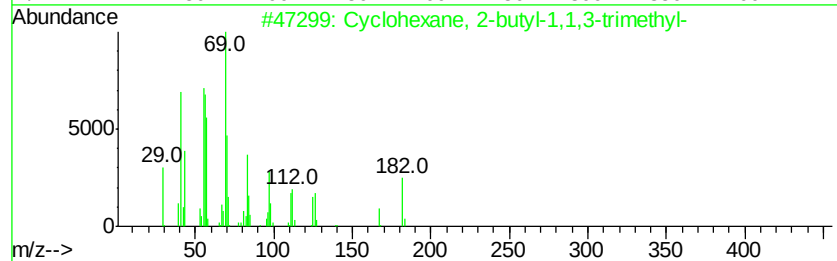
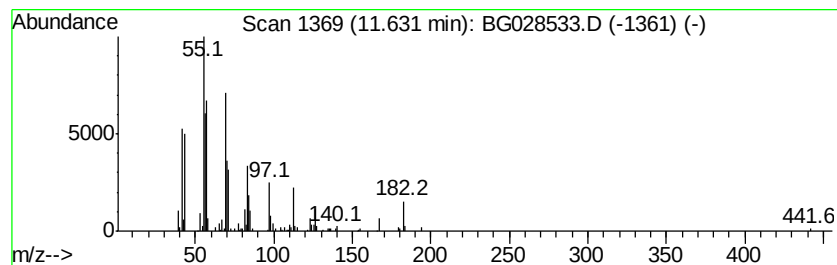
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic11.63 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	9.95 ng/ul	247086	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
2		4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	64
3		3-Tridecene, (E)-	182	C13H26	041446-57-5	64
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	58
5		5-Tridecene, (E)-	182	C13H26	023051-84-5	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Acq On : 29 Aug 2017 00:30
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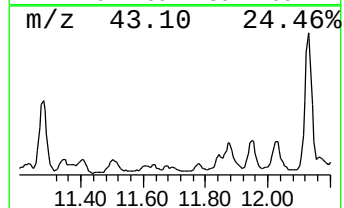
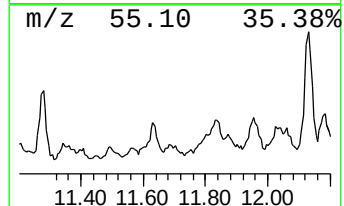
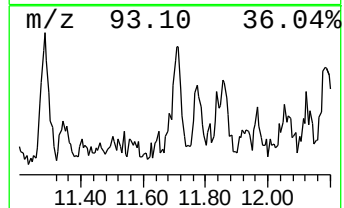
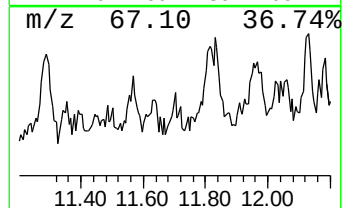
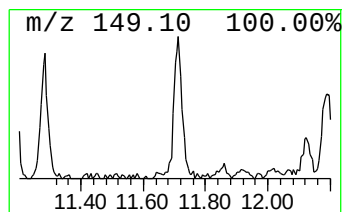
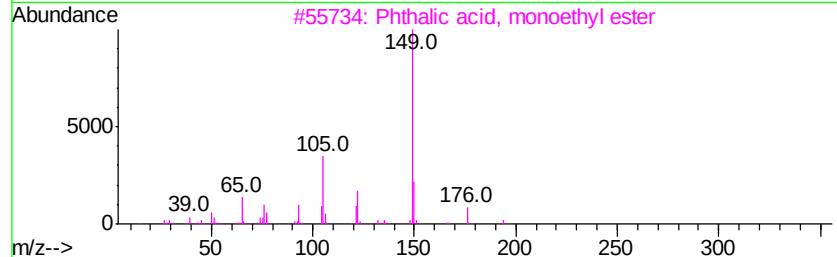
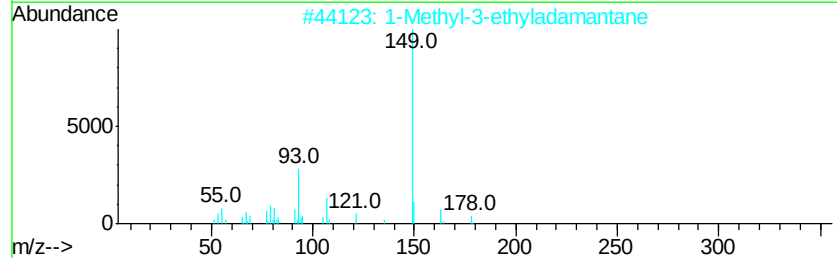
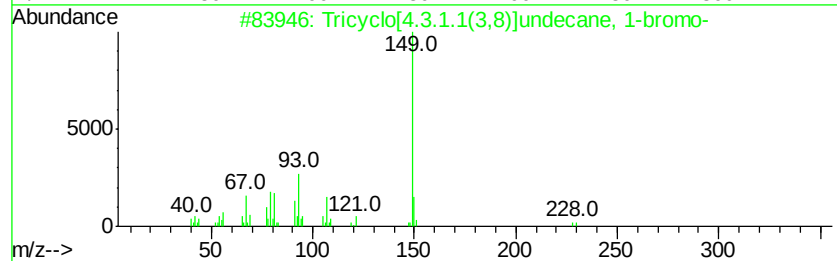
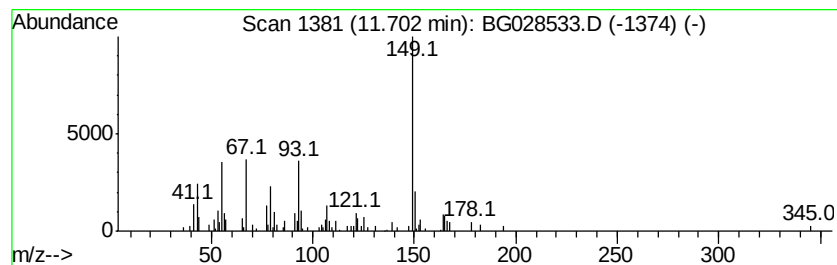
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.98 ng/ul	123800	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	56
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	52
3		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	47
4		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	47
5		1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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ClientSampleId :
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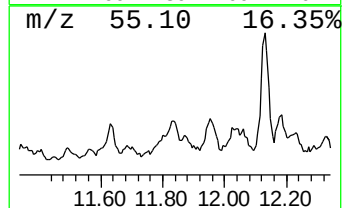
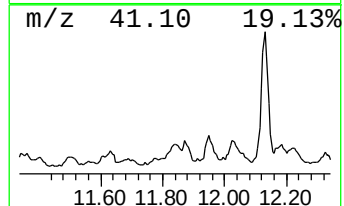
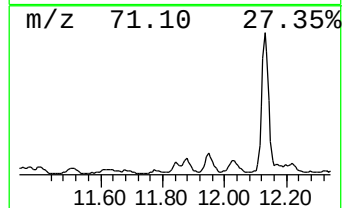
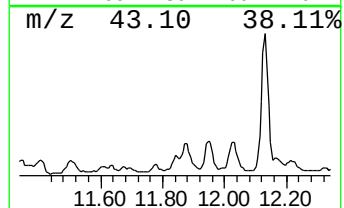
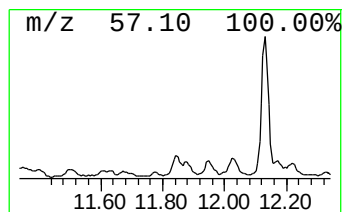
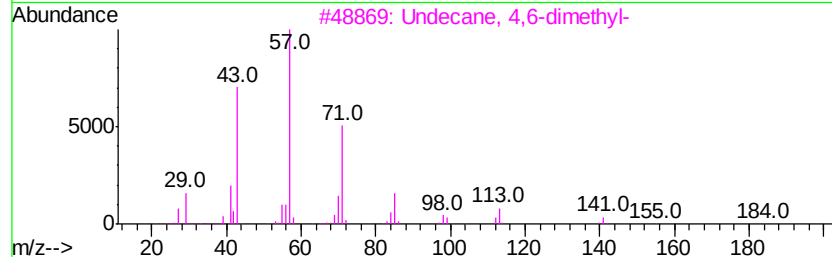
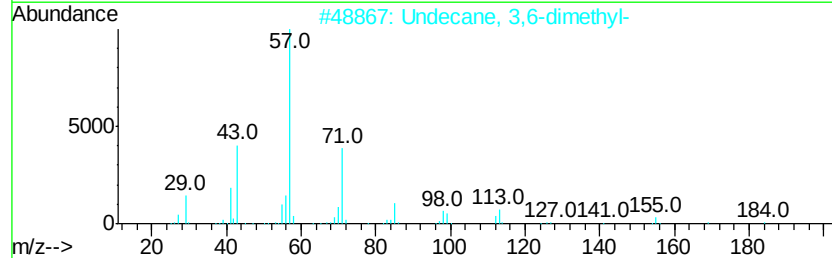
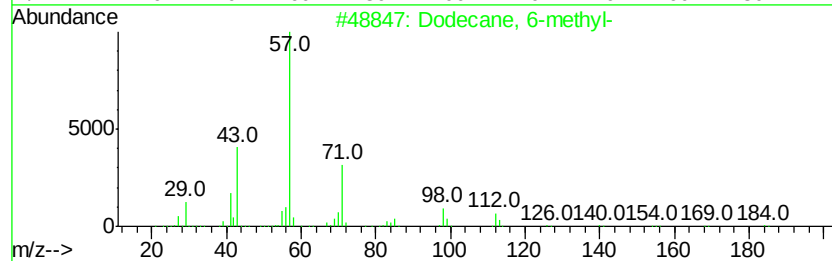
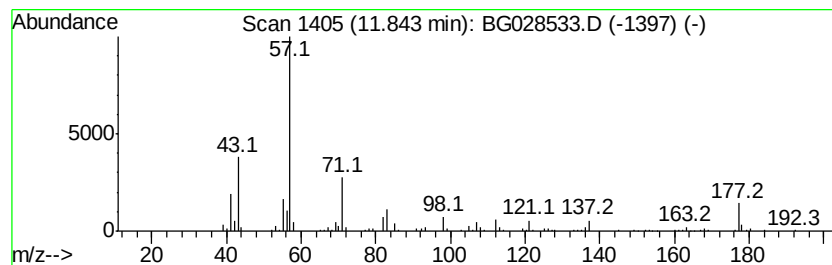
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	11.27 ng/ul	279940	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	58
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

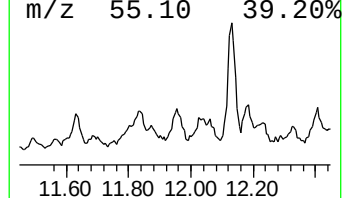
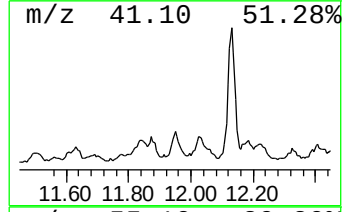
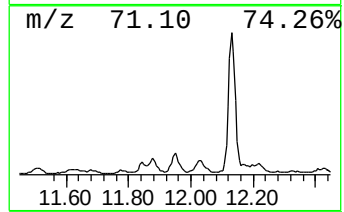
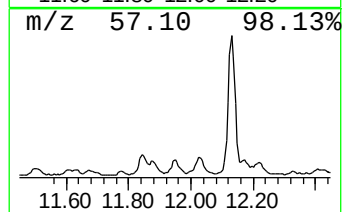
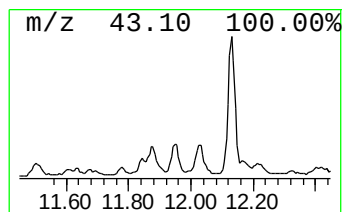
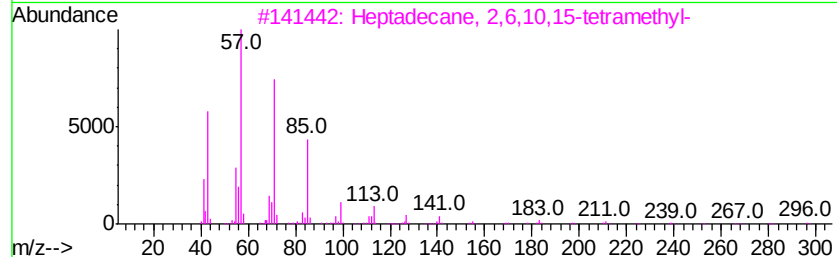
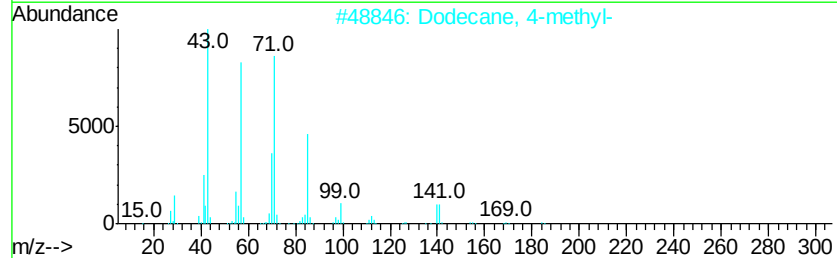
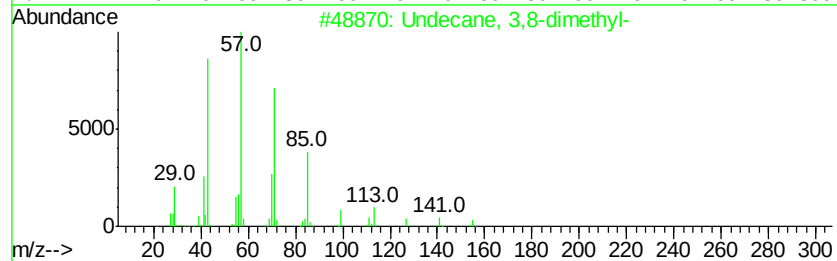
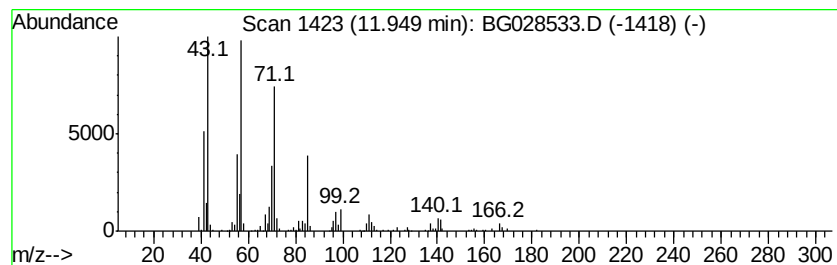
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	14.14 ng/ul	351420	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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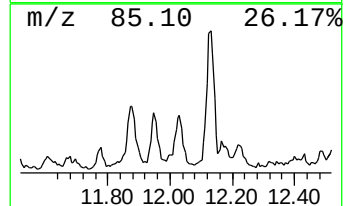
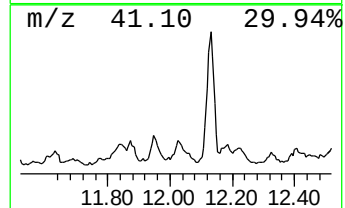
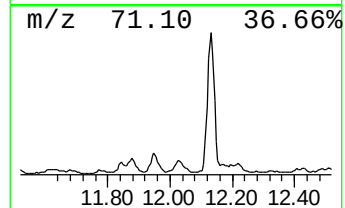
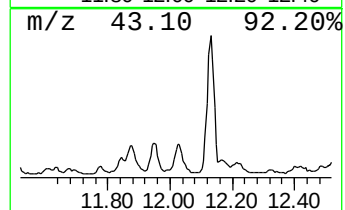
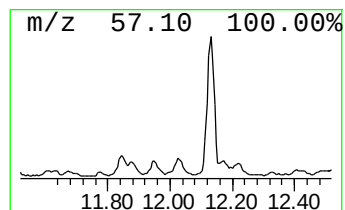
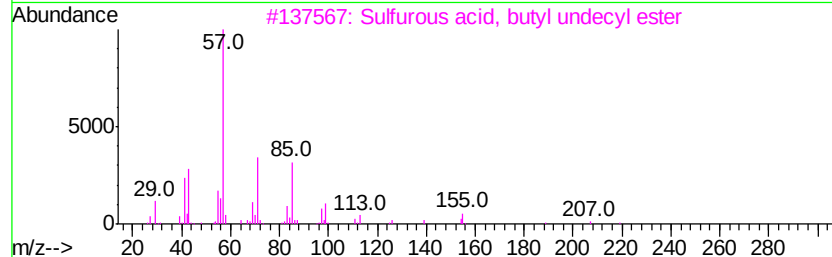
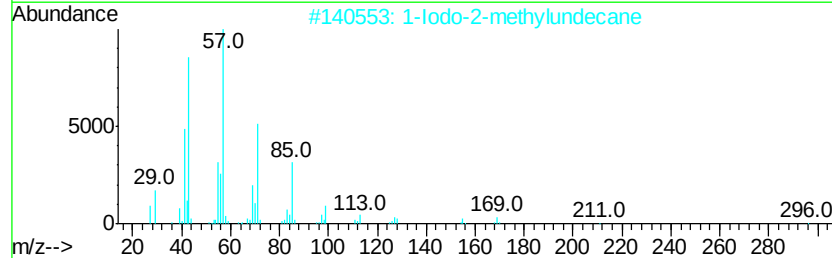
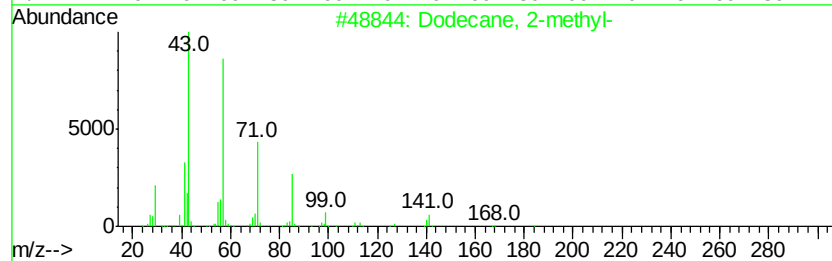
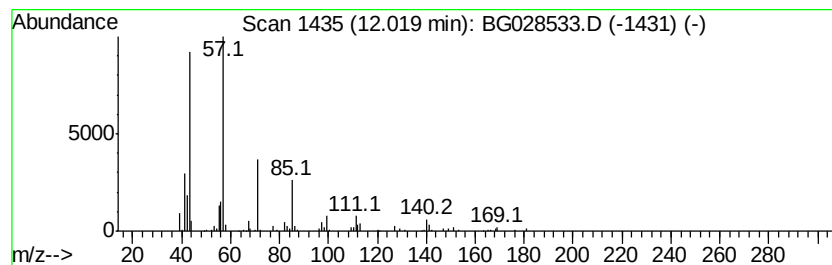
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	15.53 ng/ul	385941	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Decane	142	C10H22	000124-18-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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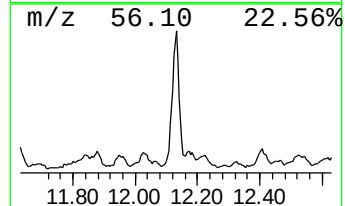
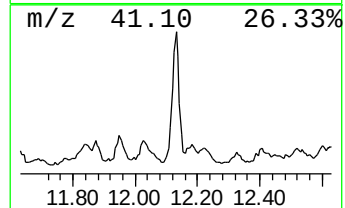
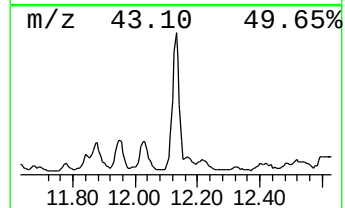
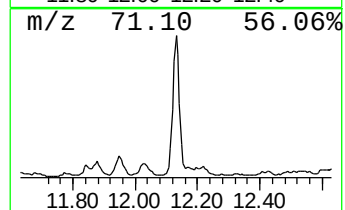
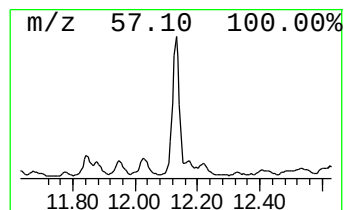
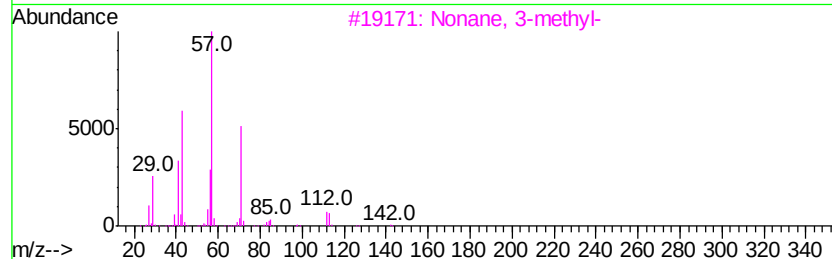
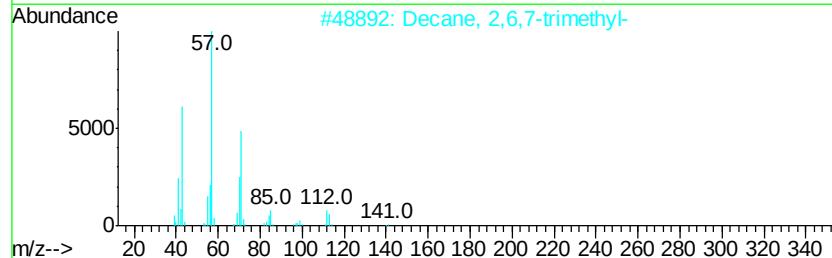
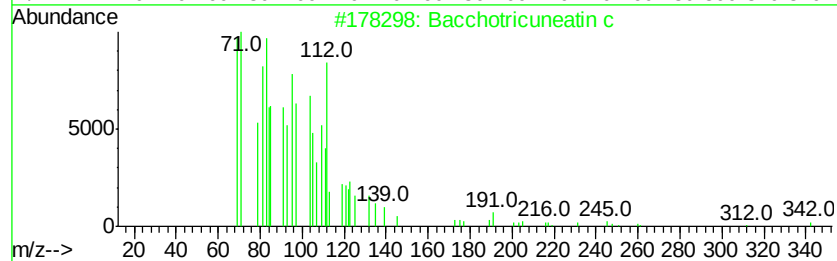
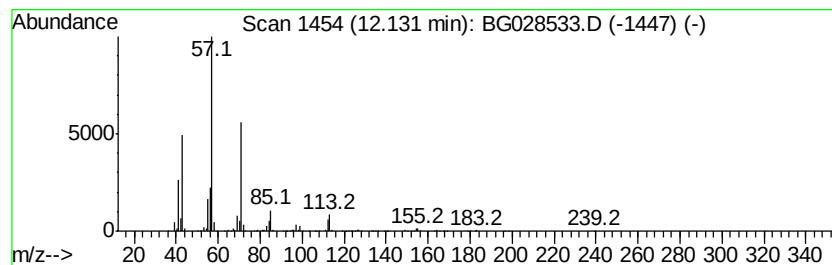
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	69.08 ng/ul	1716370	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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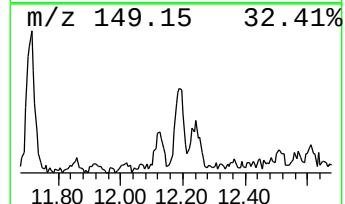
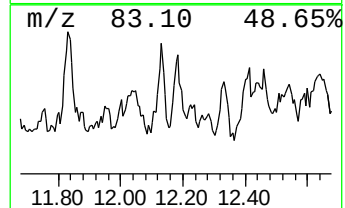
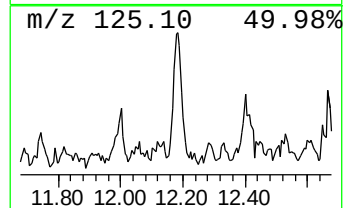
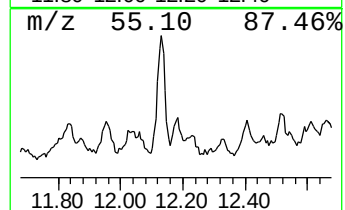
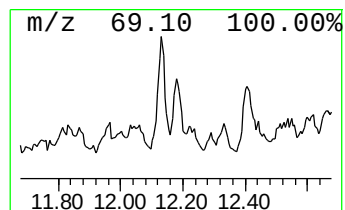
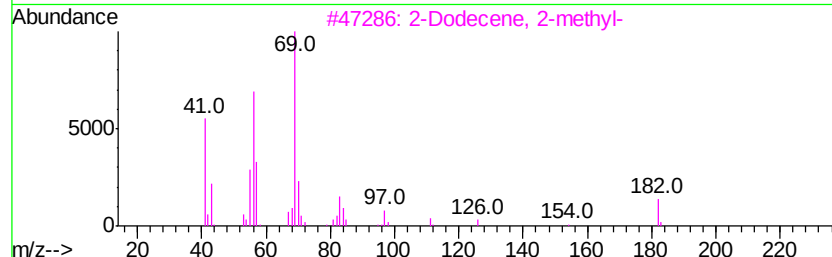
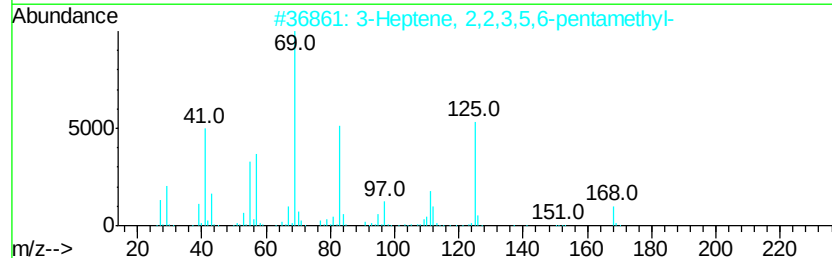
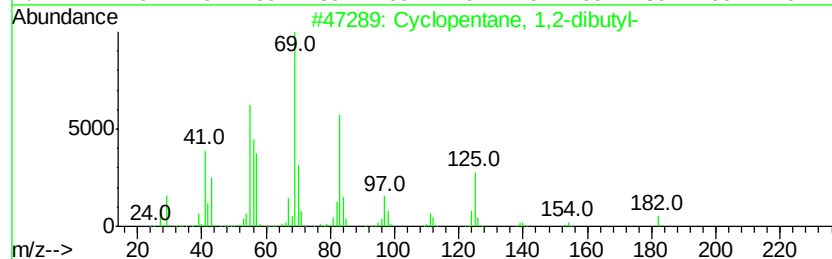
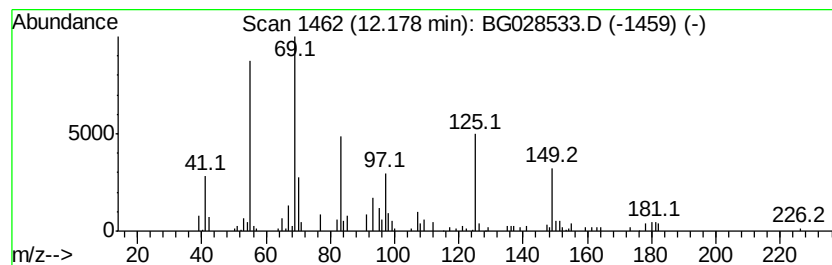
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic12.18 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.22 ng/ul	129577	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	52
2		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	50
3		2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	46
4		1,1'-Bicyclohexyl, 2-propyl-, cis-	208	C15H28	054934-88-2	40
5		Pentane, 1,4-dibromo-	228	C5H10Br2	000626-87-9	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

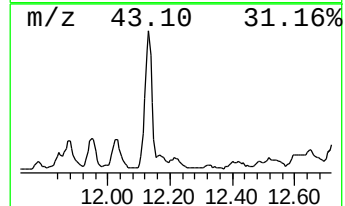
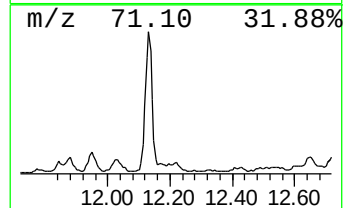
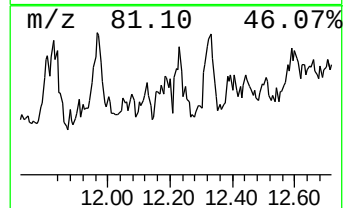
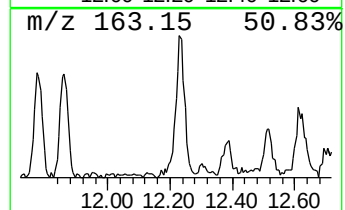
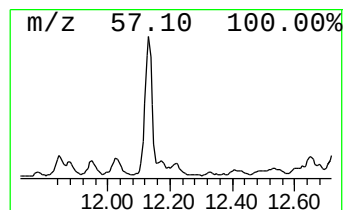
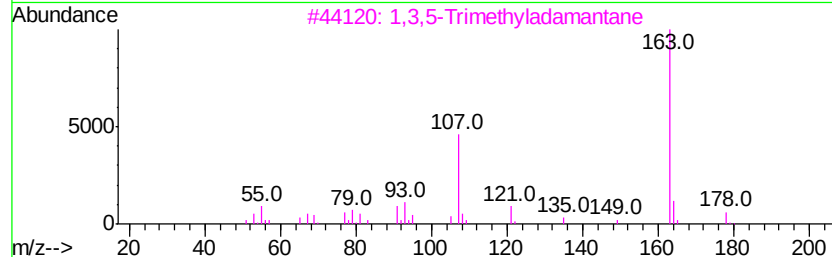
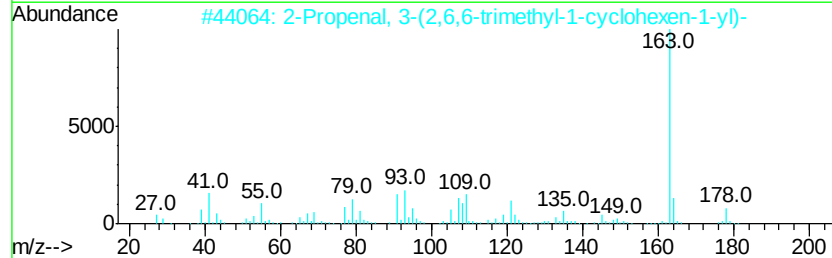
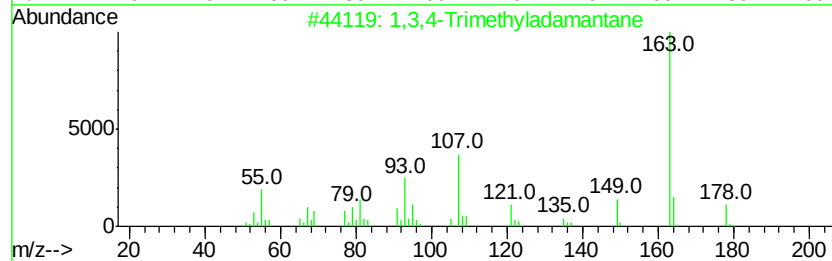
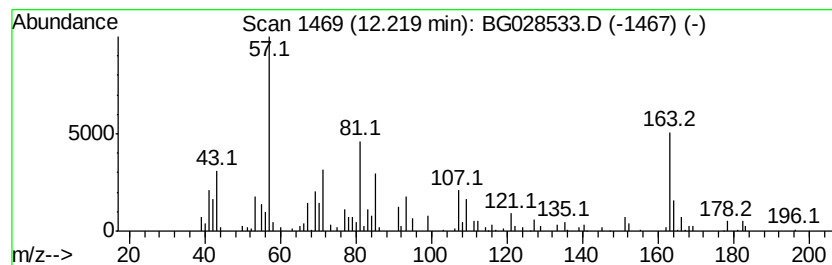
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	11.12 ng/ul	276344	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,4-Trimethyladamantane	178 C13H22	1000214-98-3	46
2	2-Propenal, 3-(2,6,6-trimethyl-1...	178 C12H18O	004951-40-0	38
3	1,3,5-Trimethyladamantane	178 C13H22	000707-35-7	38
4	1,3-Diethyladamantane	192 C14H24	025074-51-5	35
5	1,3-Dimethyl-5-n-propyl-adamantane	206 C15H26	019385-87-6	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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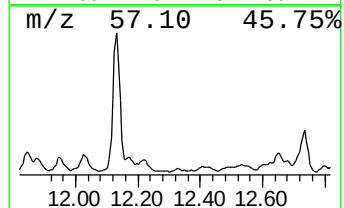
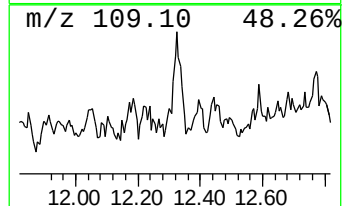
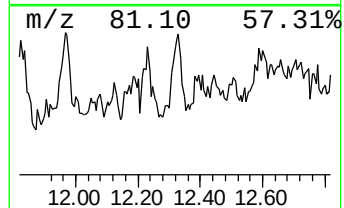
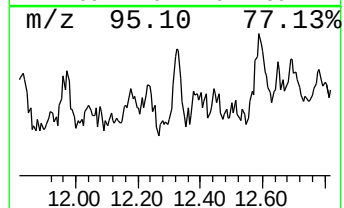
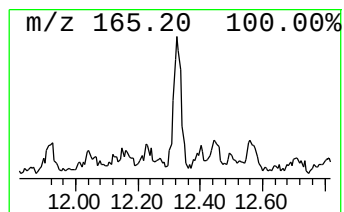
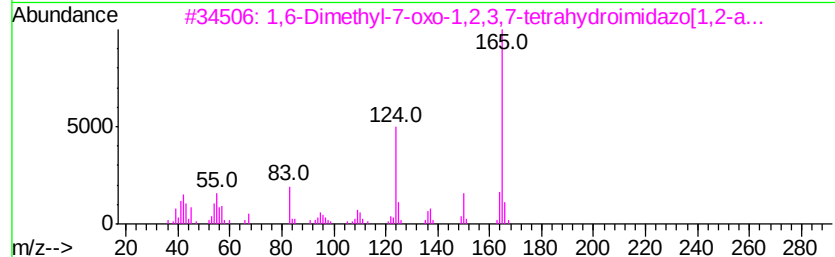
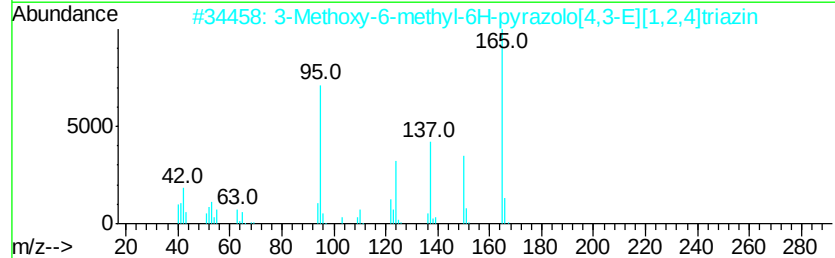
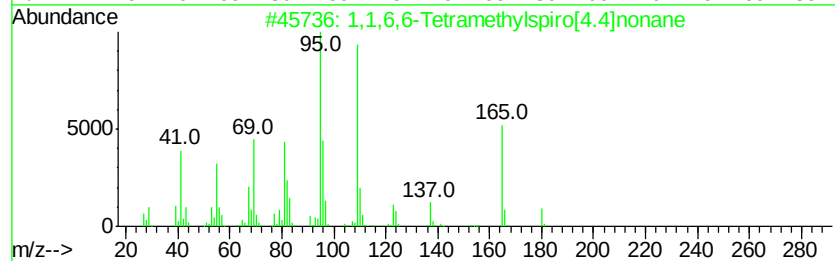
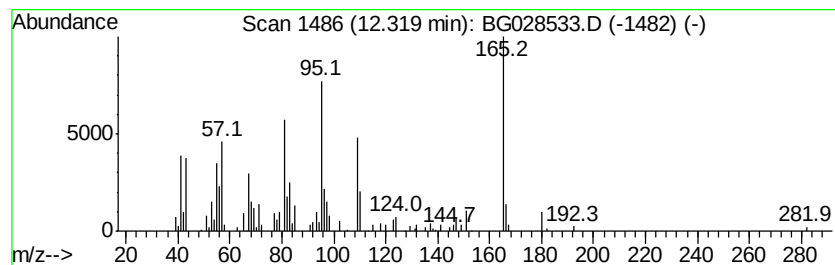
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-04 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.77 ng/ul	143297	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	46
2			3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	43
3			1,6-Dimethyl-7-oxo-1,2,3,7-tetra...	165	C8H11N3O	026955-09-9	43
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	42
5			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

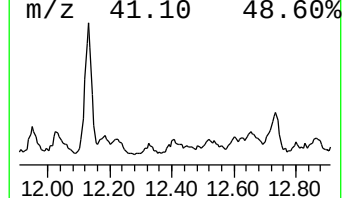
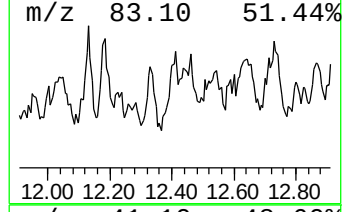
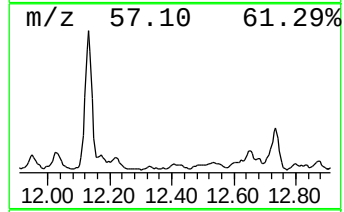
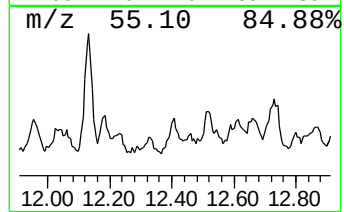
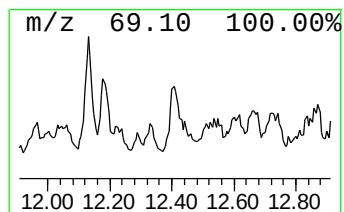
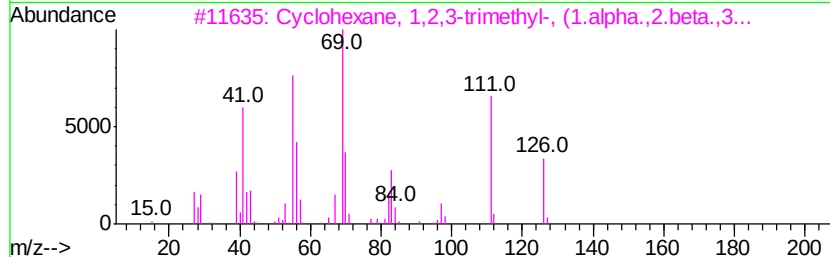
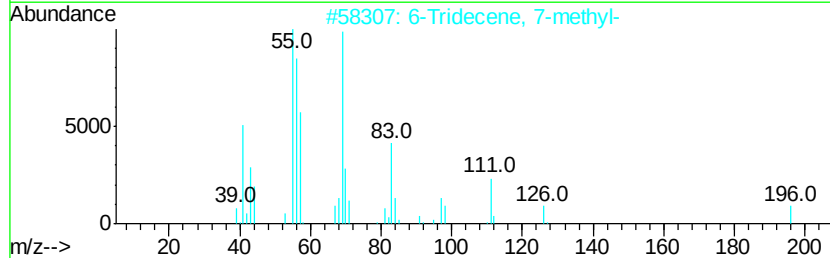
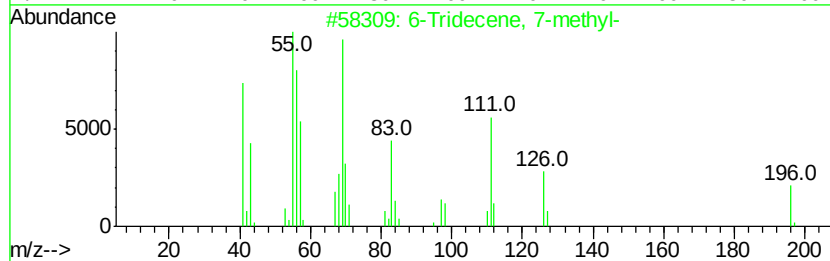
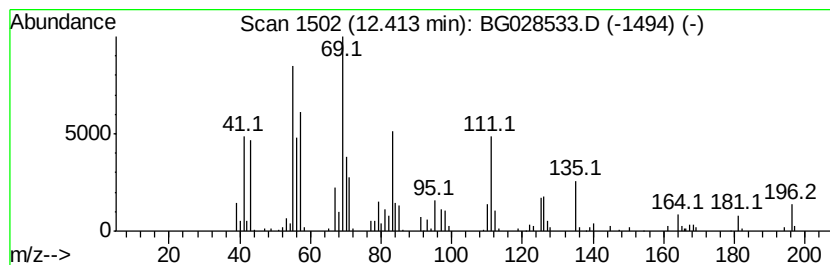
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic12.41 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.41	16.18 ng/ul	402062	Napthalene-d8	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	91
2	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	91
3	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	76
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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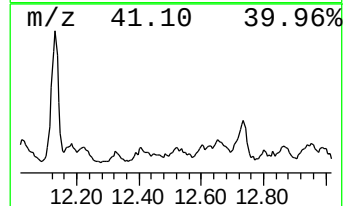
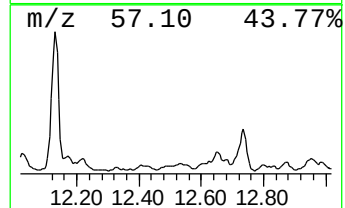
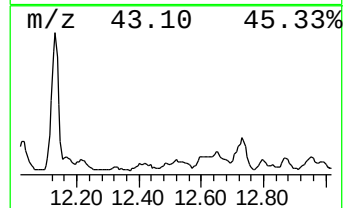
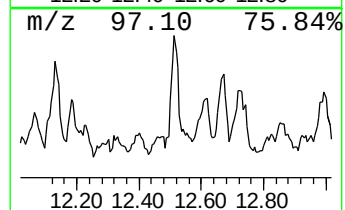
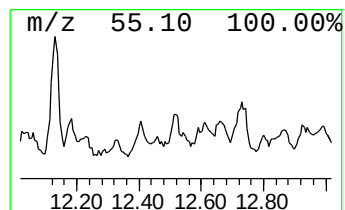
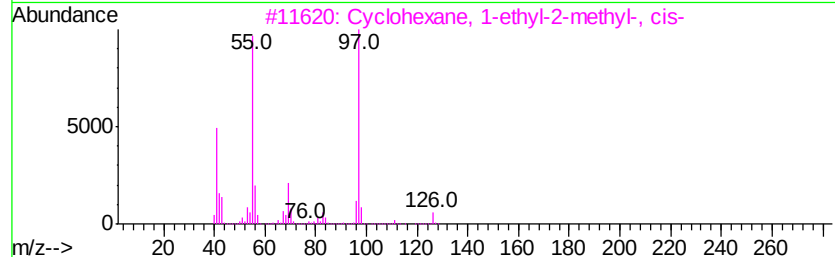
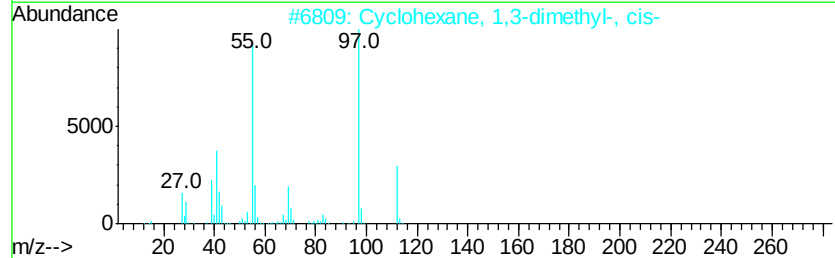
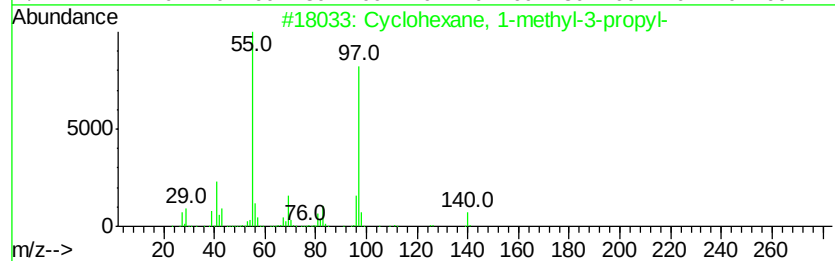
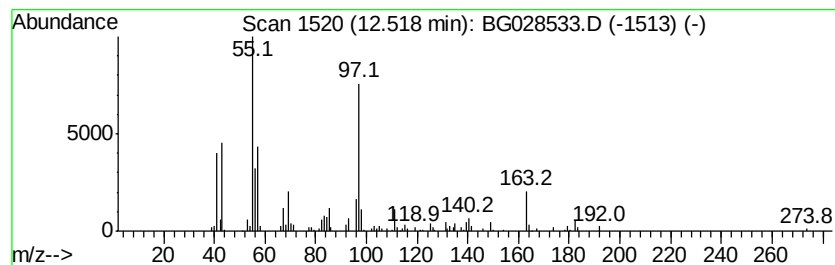
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic12.52 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.31 ng/ul	206461	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
4		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	53
5		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

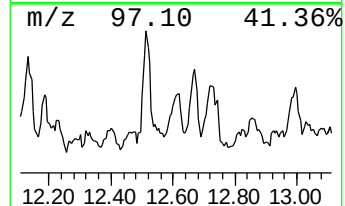
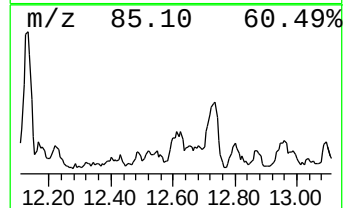
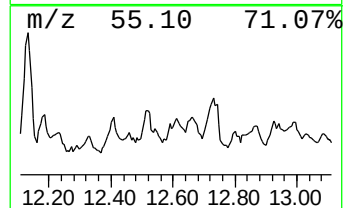
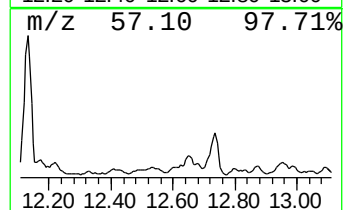
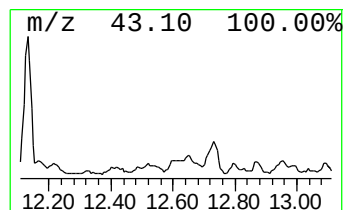
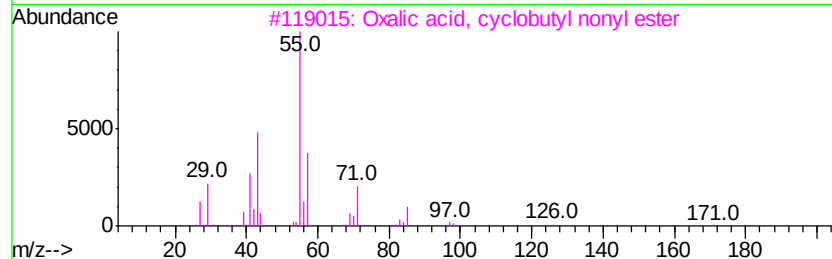
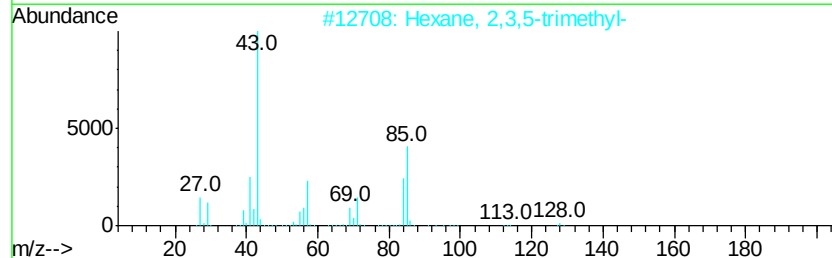
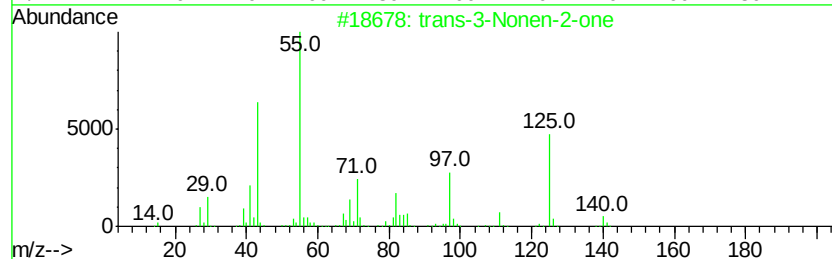
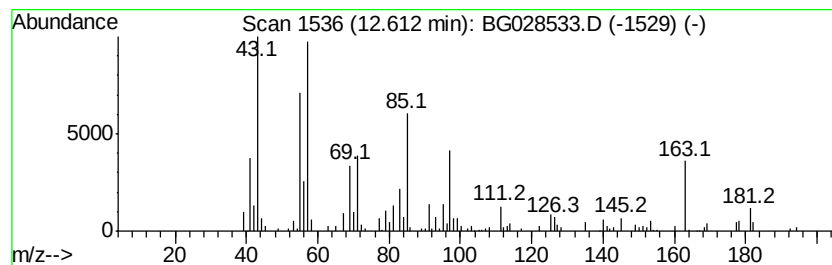
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	10.37 ng/ul	257626	Napthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-3-Nonen-2-one	140 C9H16O	018402-83-0	38
2	Hexane, 2,3,5-trimethyl-	128 C9H20	001069-53-0	27
3	Oxalic acid, cyclobutyl nonyl ester	270 C15H26O4	1000309-70-0	27
4	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	18
5	Hexane, 3-ethyl-4-methyl-	128 C9H20	003074-77-9	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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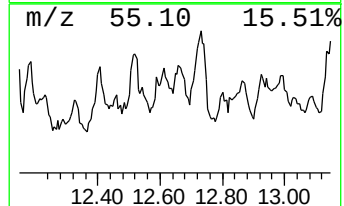
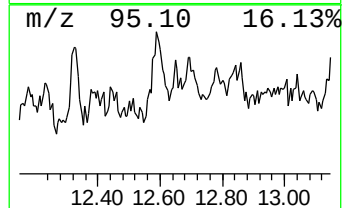
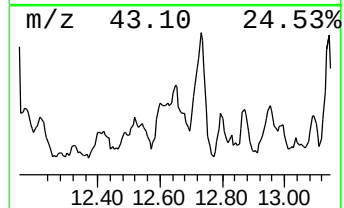
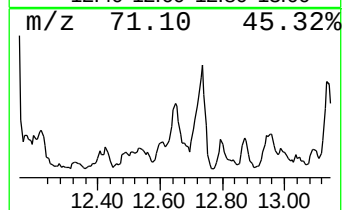
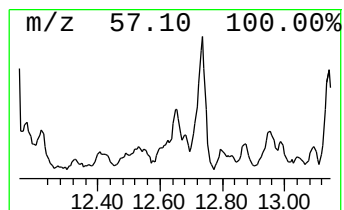
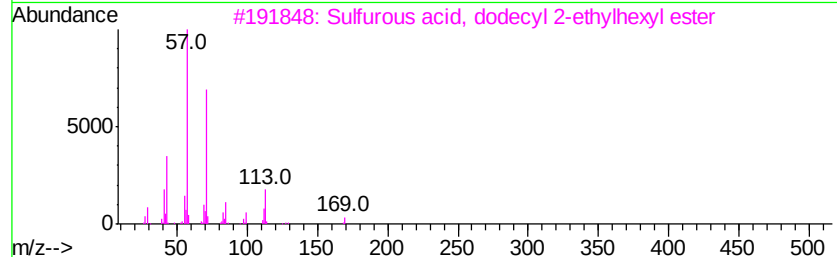
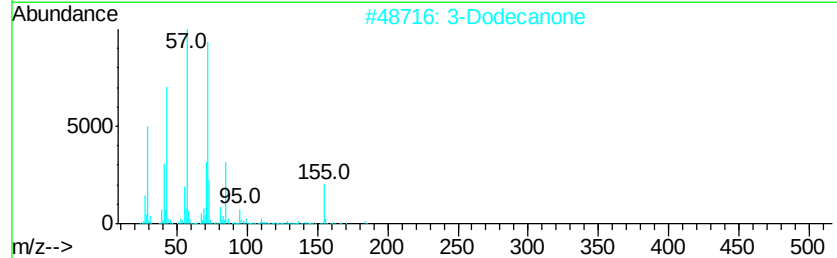
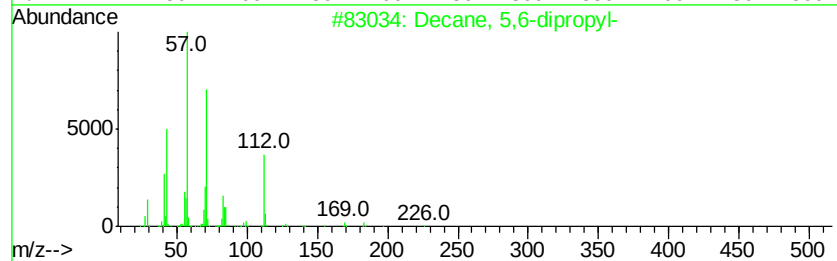
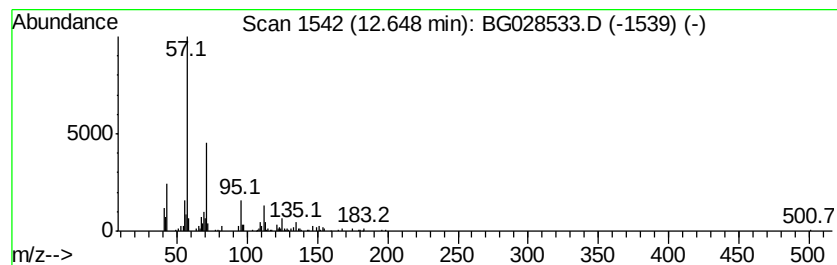
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	14.45 ng/ul	359051	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	53
2		3-Dodecanone	184	C12H24O	001534-27-6	50
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
5		Sulfurous acid, 2-ethylhexyl eth...	222	C10H22O3S	1000309-18-6	40



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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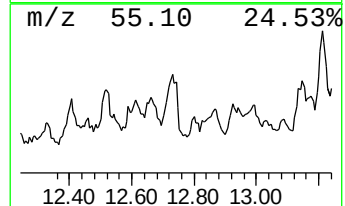
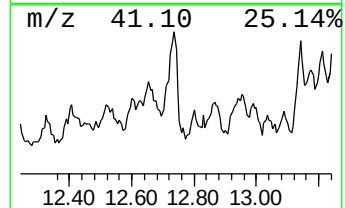
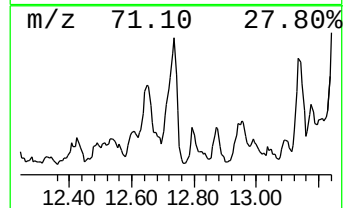
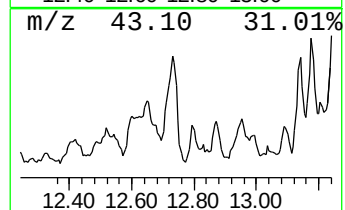
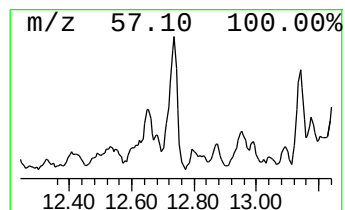
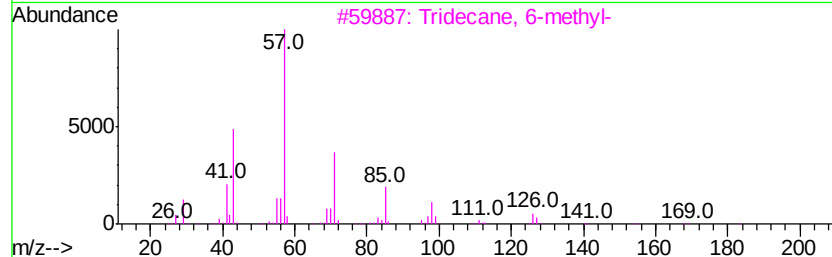
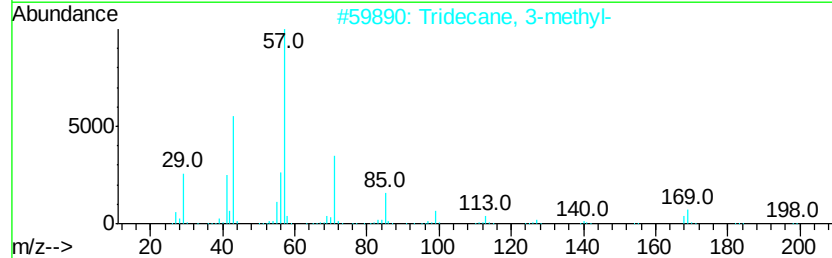
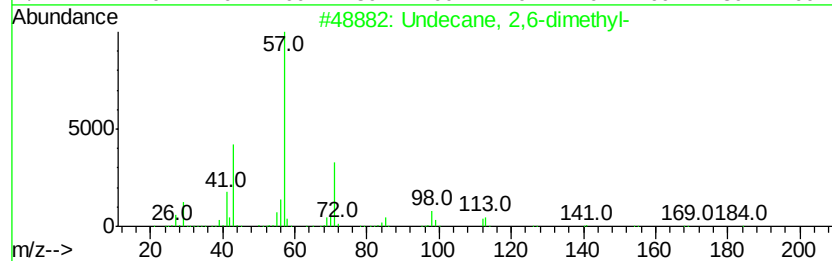
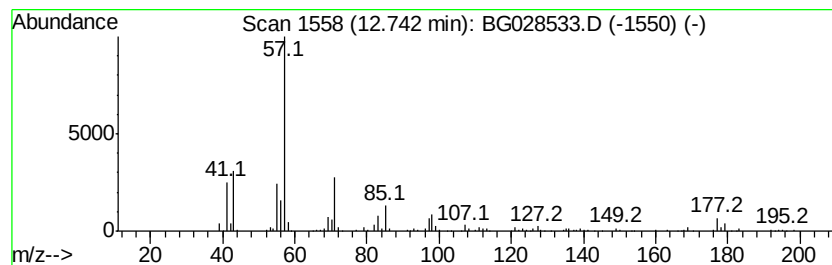
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	27.44 ng/ul	681770	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
5		Acetic acid, trifluoro-, 2,2-dim...	184	C7H11F3O2	007556-79-8	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Misc :
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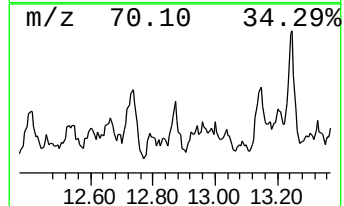
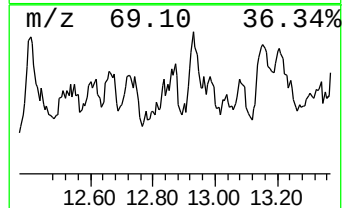
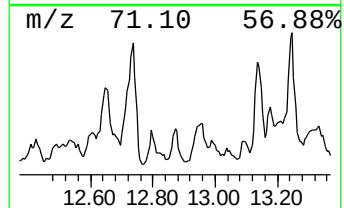
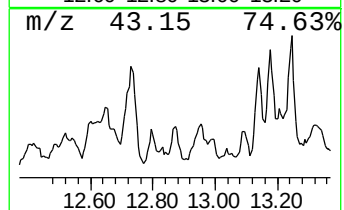
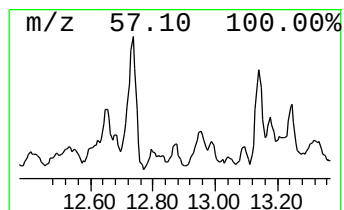
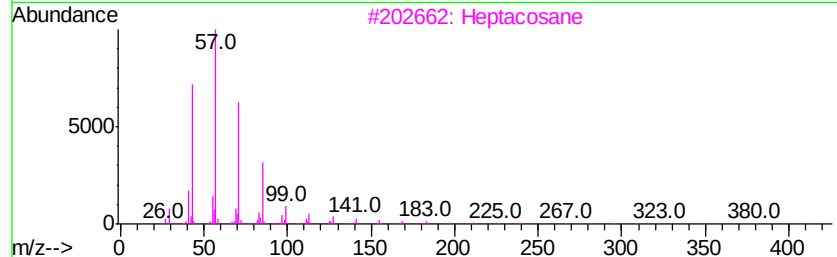
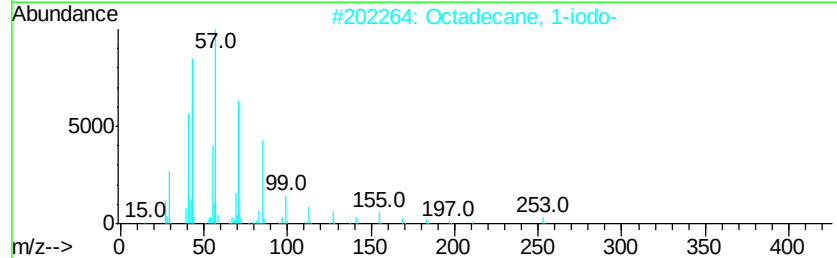
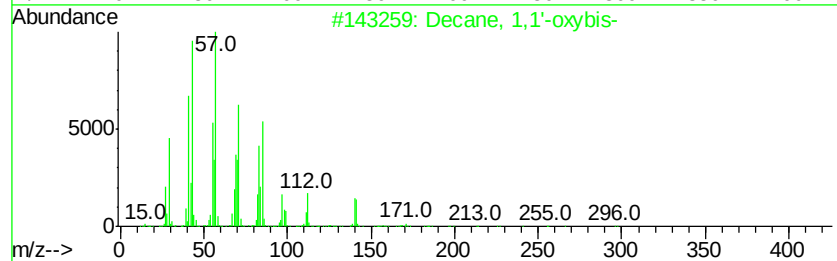
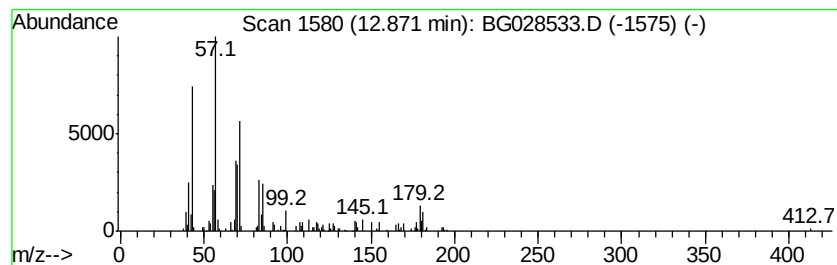
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	8.66 ng/ul	215252	Naphthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	47
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	45
3			Heptacosane	380	C27H56	000593-49-7	38
4			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	35
5			Undecane, 3-ethyl-	184	C13H28	017312-58-2	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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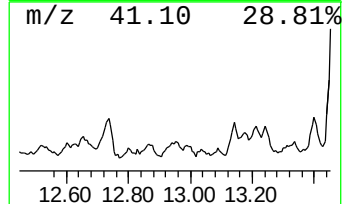
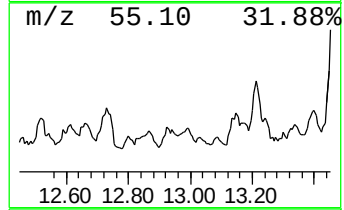
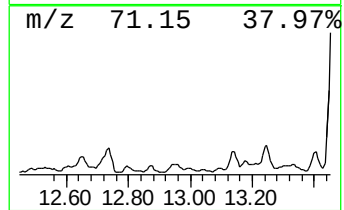
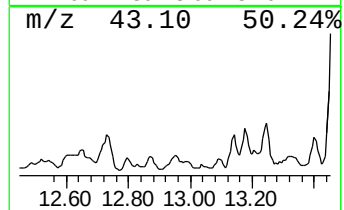
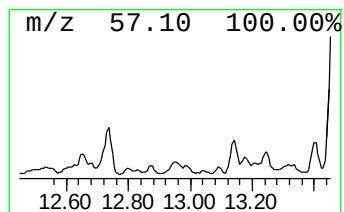
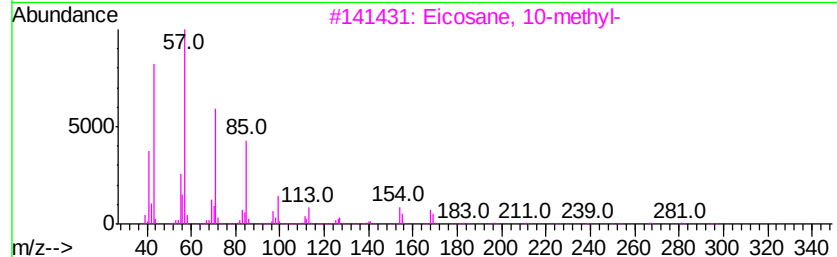
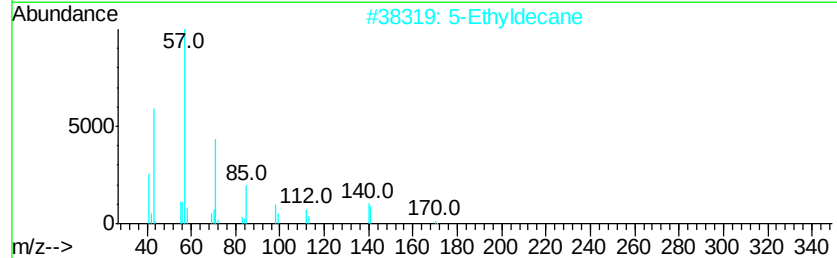
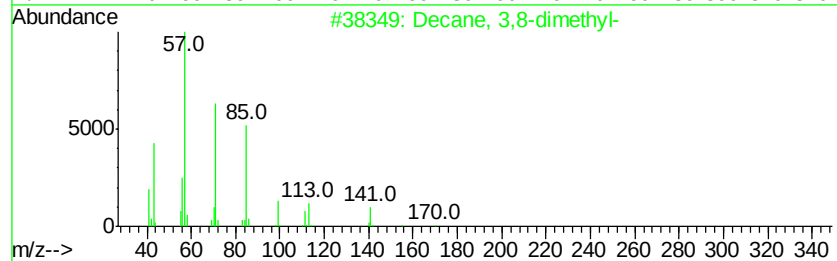
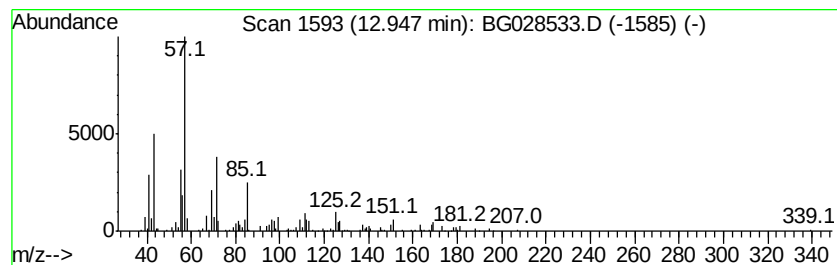
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	13.96 ng/ul	346784	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
2		5-Ethyldecane	170	C12H26	017302-36-2	58
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	50
5		Heneicosane	296	C21H44	000629-94-7	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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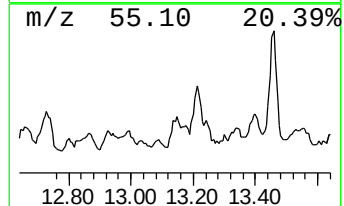
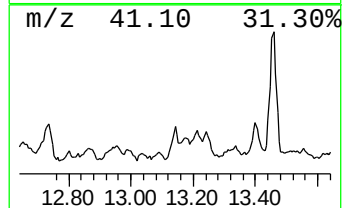
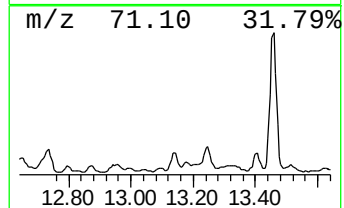
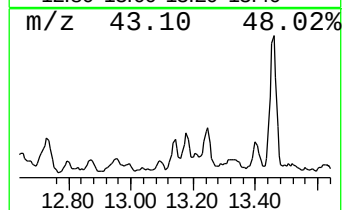
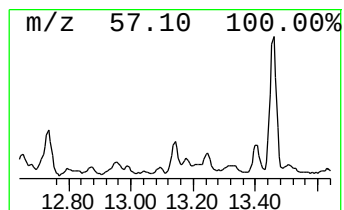
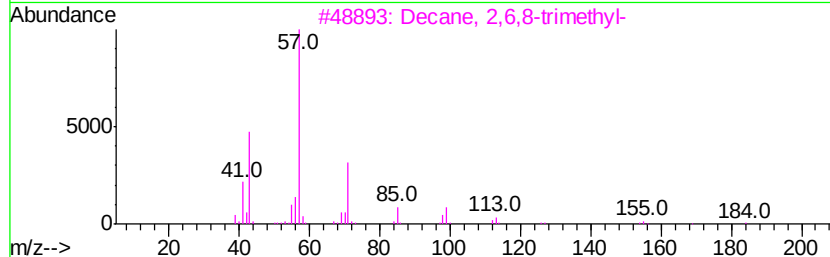
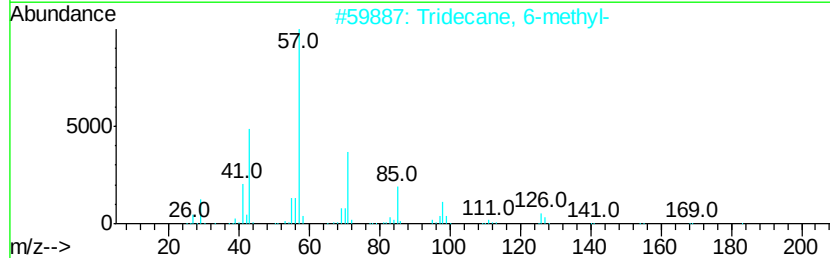
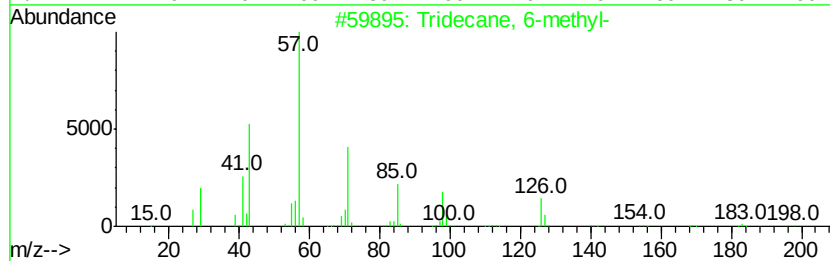
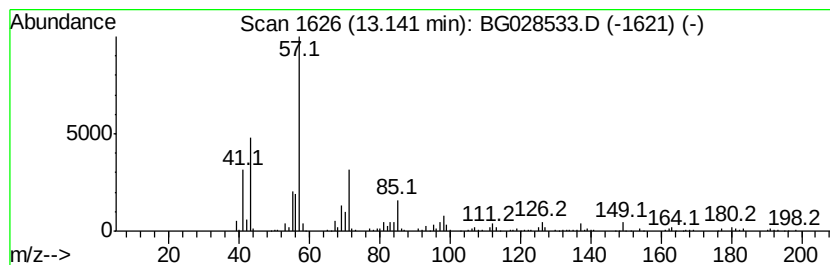
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	14.13 ng/ul	462945	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

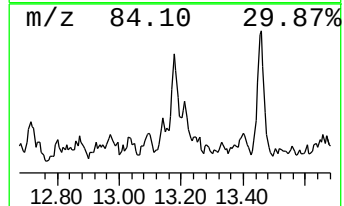
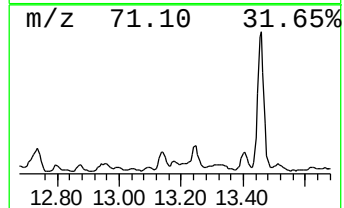
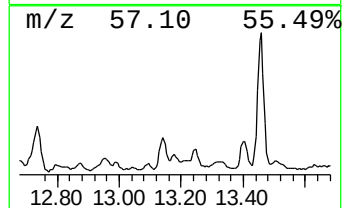
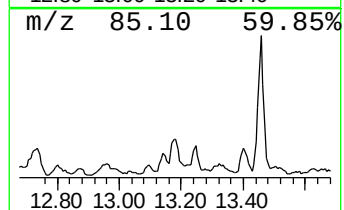
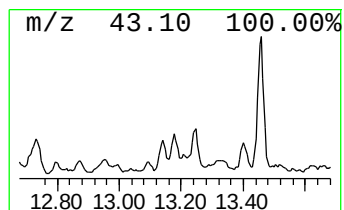
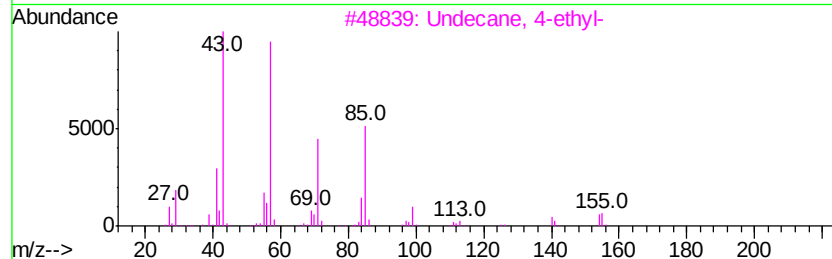
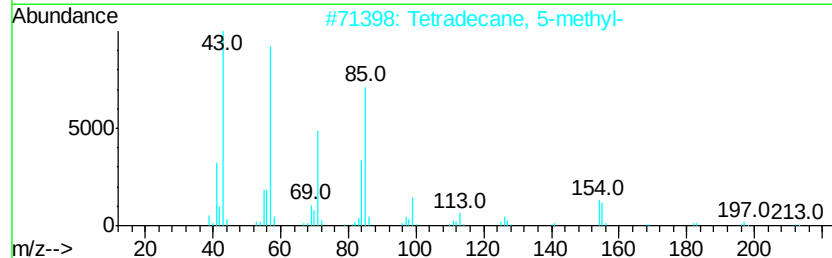
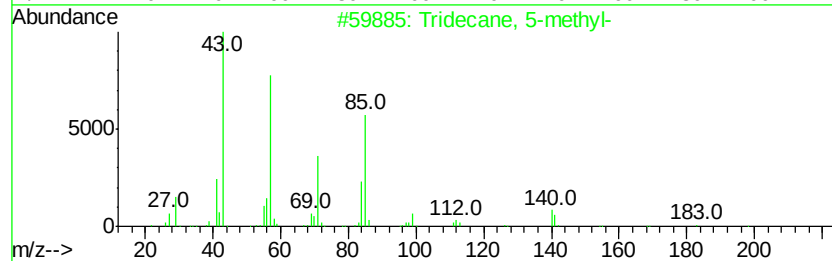
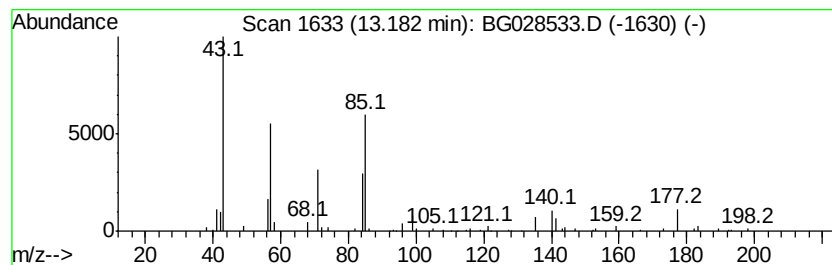
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.97 ng/ul	261167	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-methyl-	198	C14H30	025117-31-1	59
2			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	50
3			Undecane, 4-ethyl-	184	C13H28	017312-59-3	50
4			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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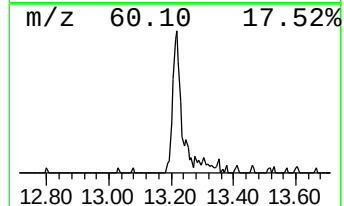
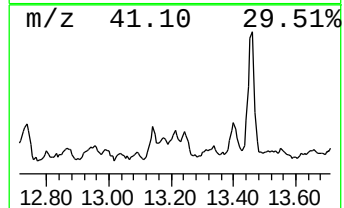
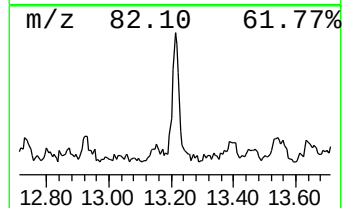
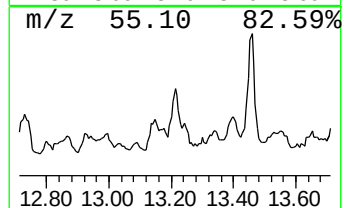
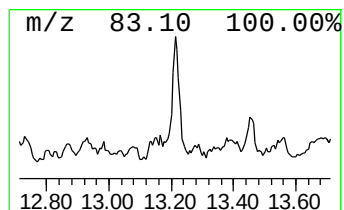
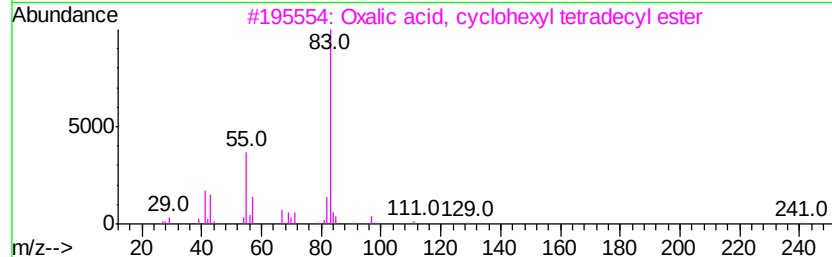
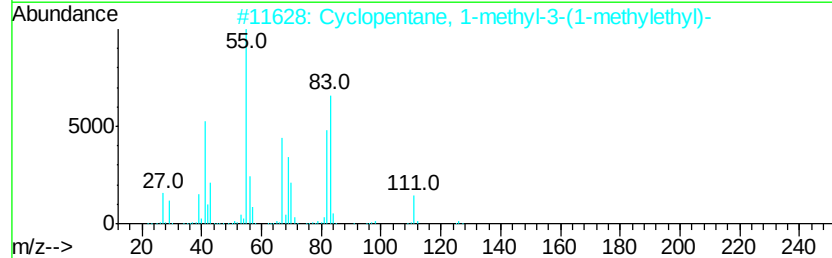
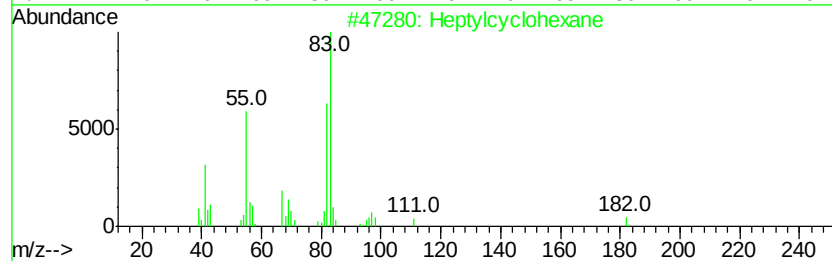
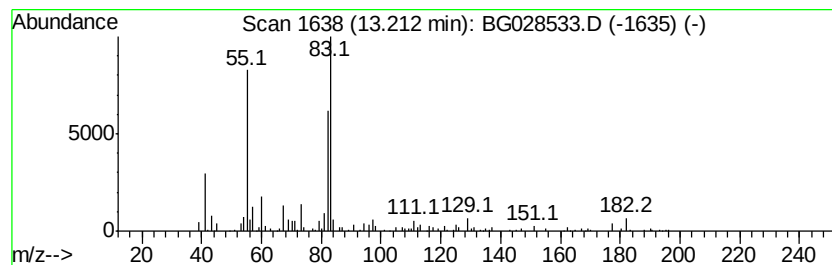
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic13.21 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	11.06 ng/ul	362099	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	59
2		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	50
3		Oxalic acid, cyclohexyl tetradec...	368	C22H40O4	1000309-31-5	43
4		2-Butyl-1,2-azaborolidine	125	C7H16BN	005357-10-8	43
5		Heptylcyclohexane	182	C13H26	005617-41-4	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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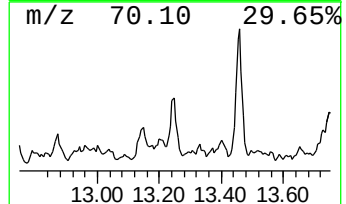
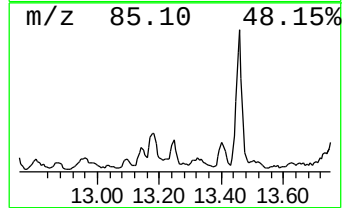
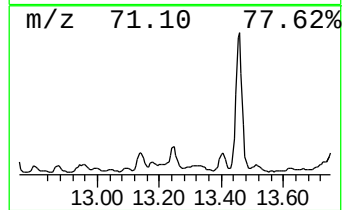
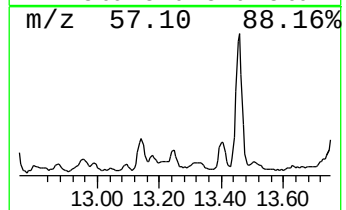
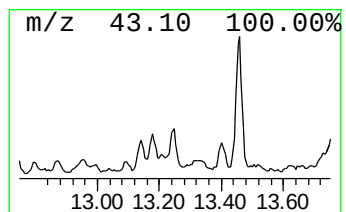
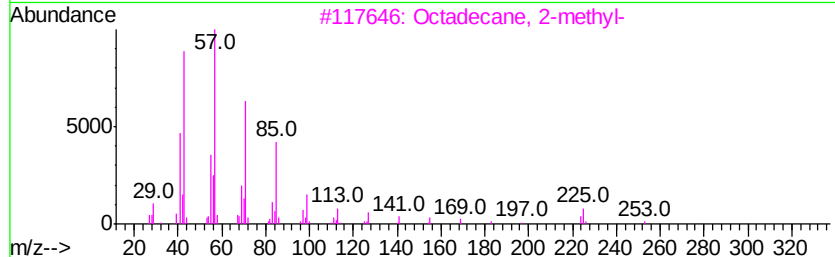
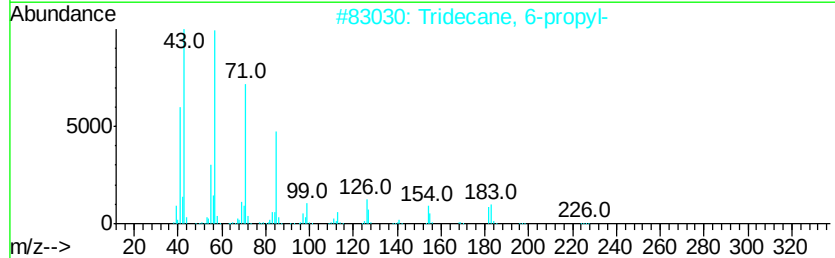
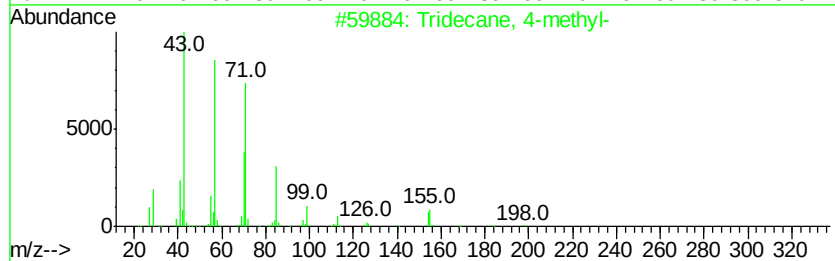
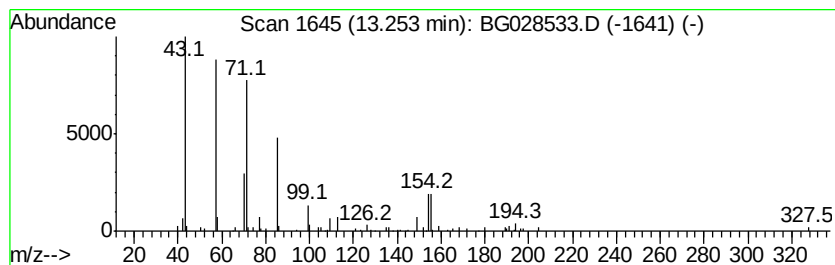
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	8.42 ng/ul	275820	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

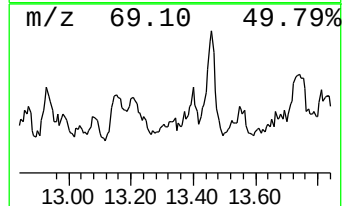
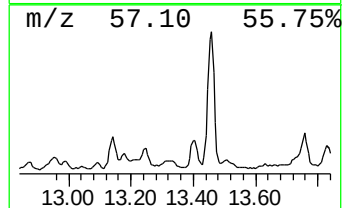
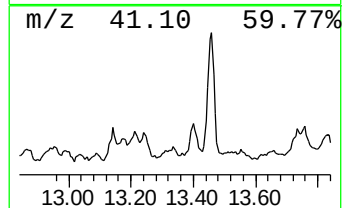
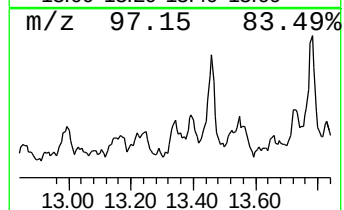
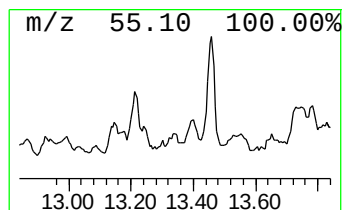
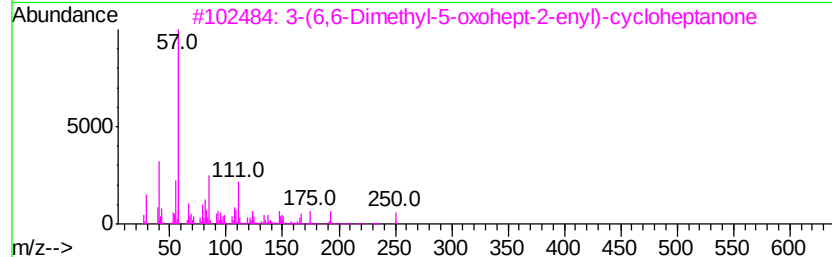
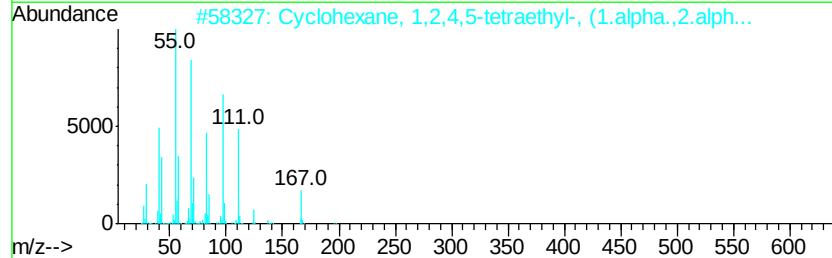
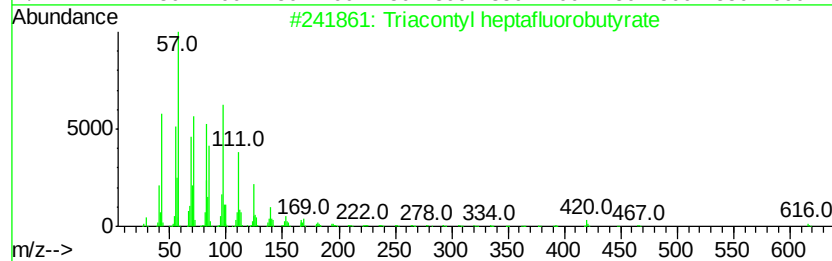
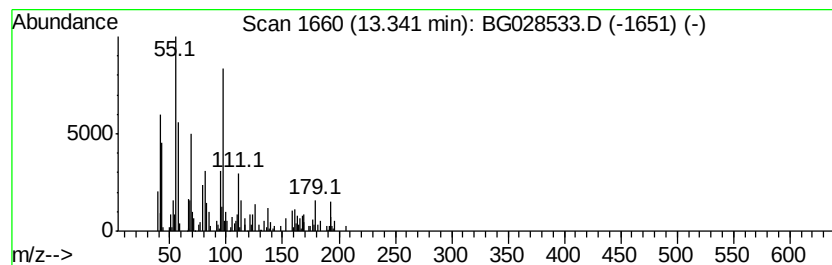
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 unknown-07 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.34	5.59 ng/ul	183202	Acenaphthene-d10	14.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triaccontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	37
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	25
3	3-(6,6-Dimethyl-5-oxohept-2-enyl-...	250	C16H26O2	083040-97-5	22
4	Furan, 2,3-dihydro-4-(1-methylet...	112	C7H12O	034314-84-6	18
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
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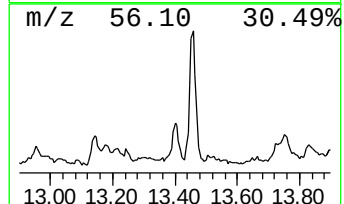
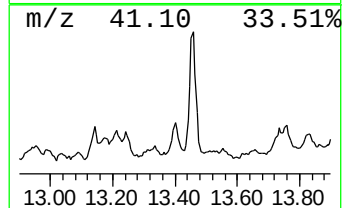
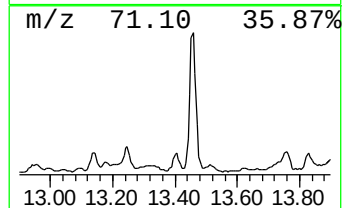
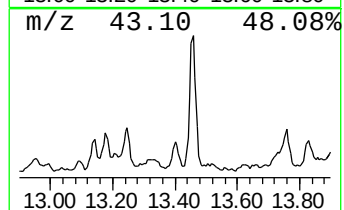
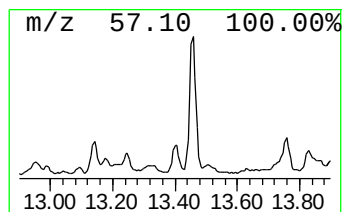
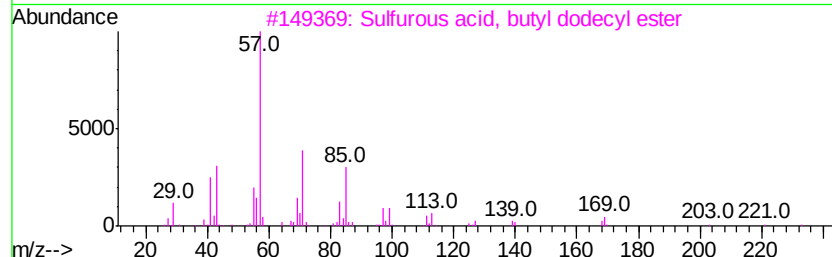
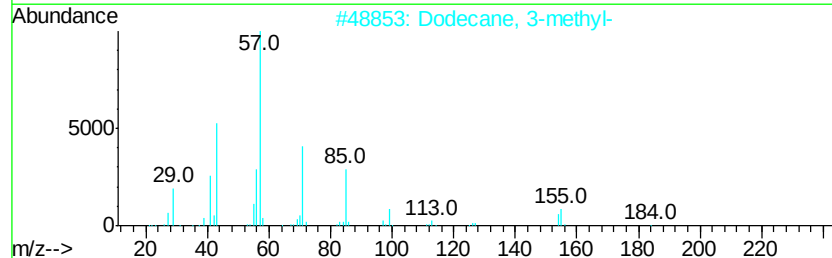
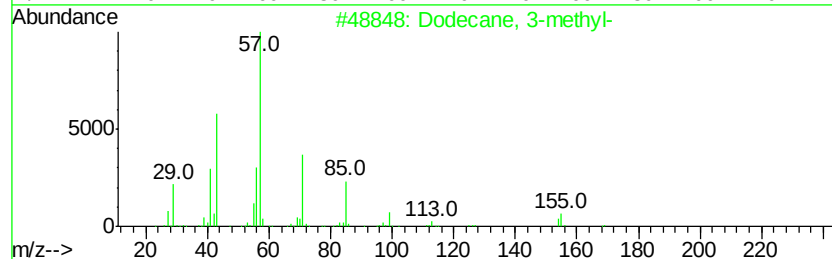
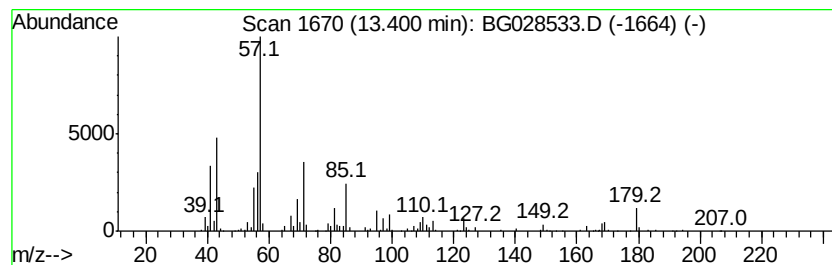
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	13.32 ng/ul	436413	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 3-methyl-	184 C13H28	017312-57-1 50
2		Dodecane, 3-methyl-	184 C13H28	017312-57-1 50
3		Sulfurous acid, butyl dodecyl ester	306 C16H34O3S	1000309-17-9 50
4		Undecane, 3-methyl-	170 C12H26	001002-43-3 50
5		Tridecane, 3-methyl-	198 C14H30	006418-41-3 47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
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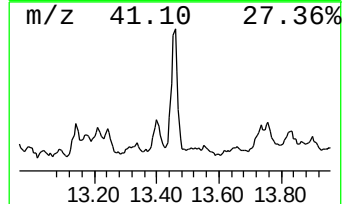
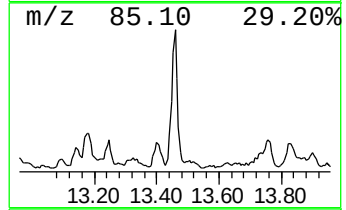
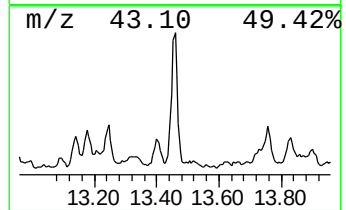
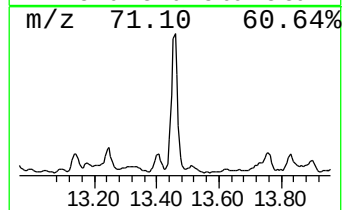
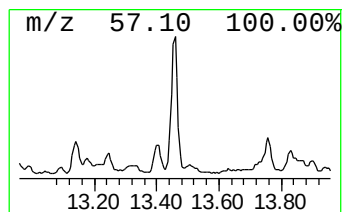
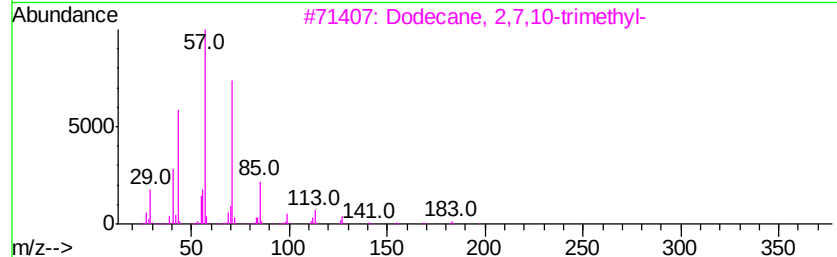
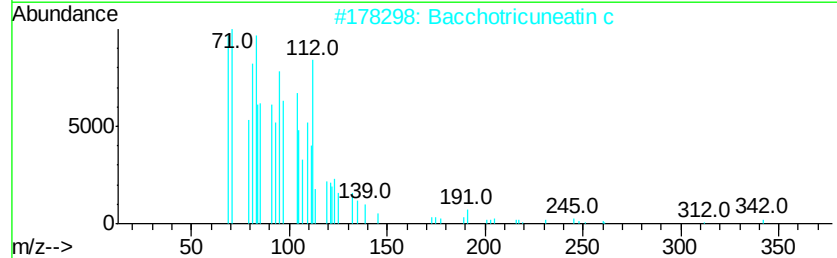
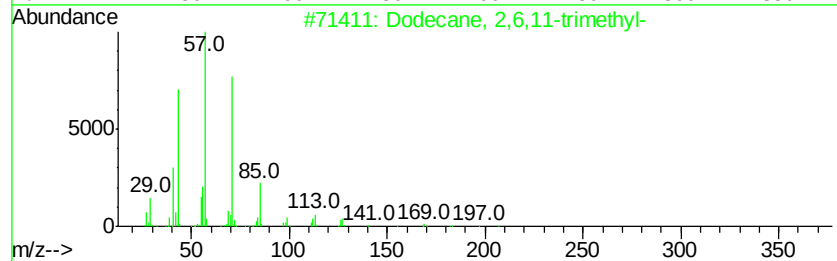
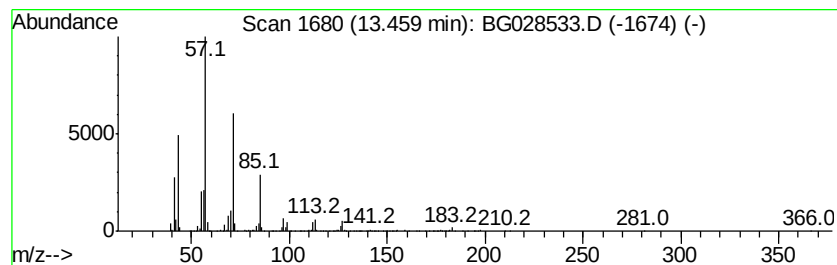
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	48.79 ng/ul	1597980	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	86
2	Bacchotricuneatin c	342 C20H22O5	066563-30-2	81
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	80
4	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	80
5	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

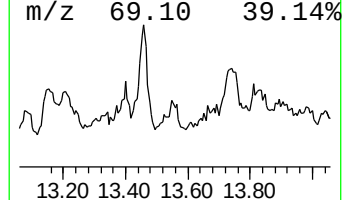
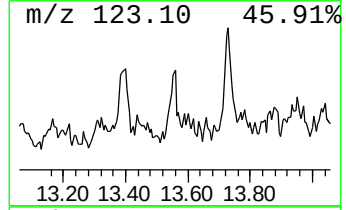
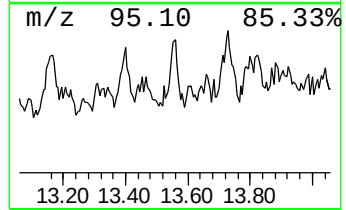
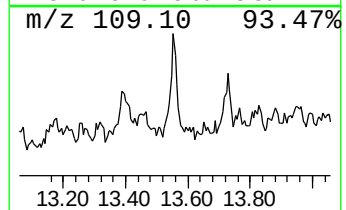
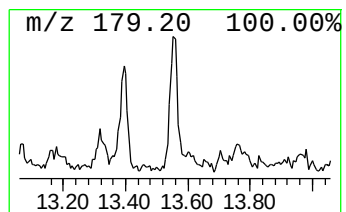
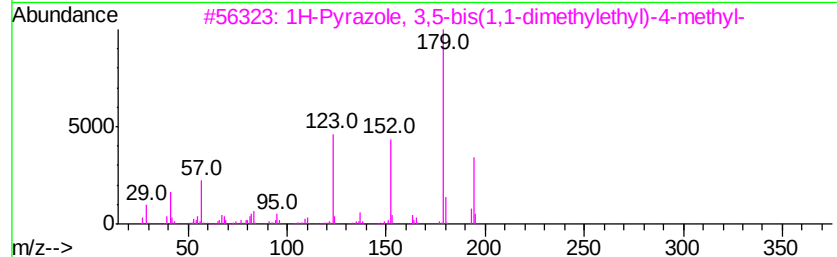
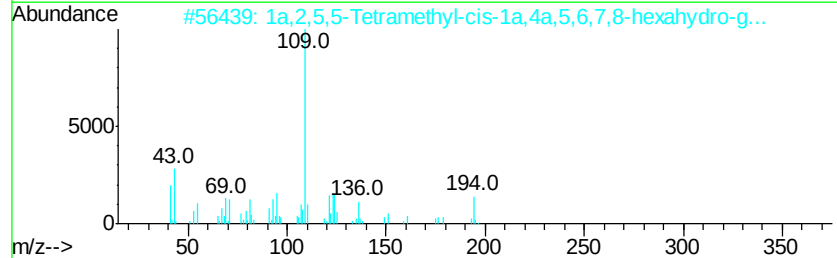
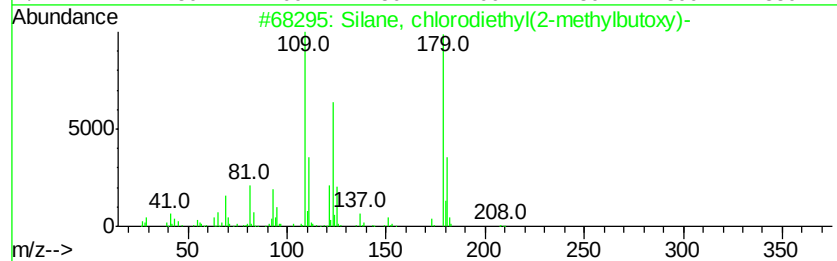
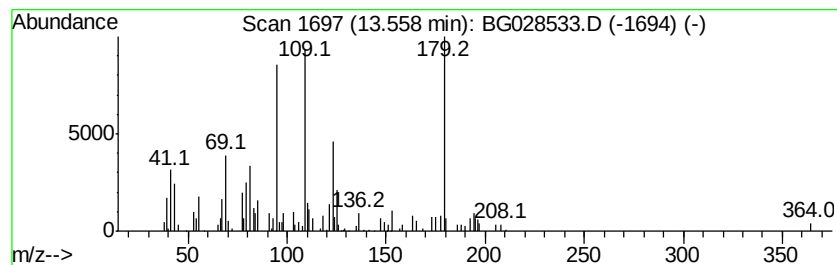
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-08 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.96 ng/ul	129773	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Silane, chlorodiethyl(2-methylbu...	208 C9H21ClOSi	1000363-11-1 40
2		1a,2,5,5-Tetramethyl-cis-1a,4a,5...	194 C13H22O	1000215-77-7 22
3		1H-Pyrazole, 3,5-bis(1,1-dimethv...	194 C12H22N2	018712-47-5 12
4		Bicyclo[2.2.1]heptan-2-one, 5-br...	230 C10H15BrO	010293-00-2 12
5		Cyclopentene, 1-isopropyl-4,5-di...	138 C10H18	007712-74-5 12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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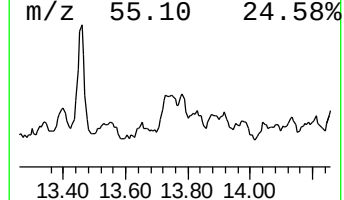
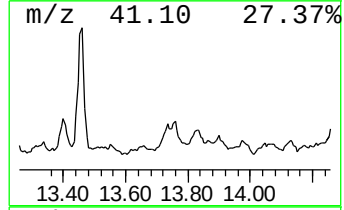
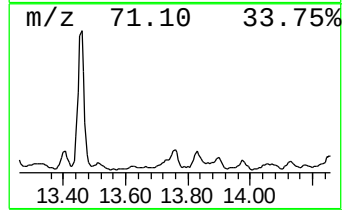
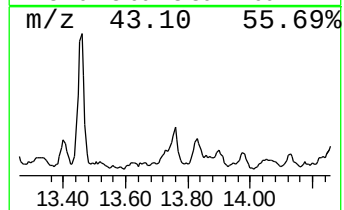
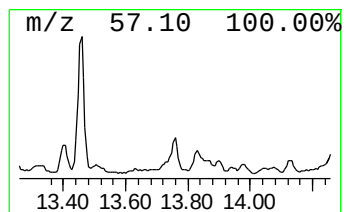
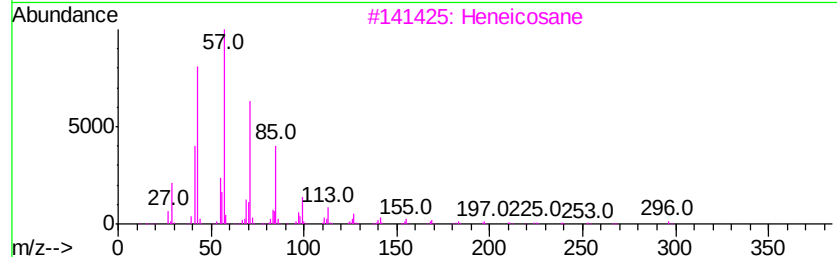
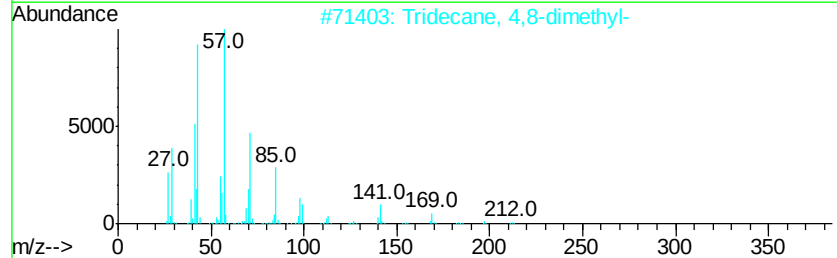
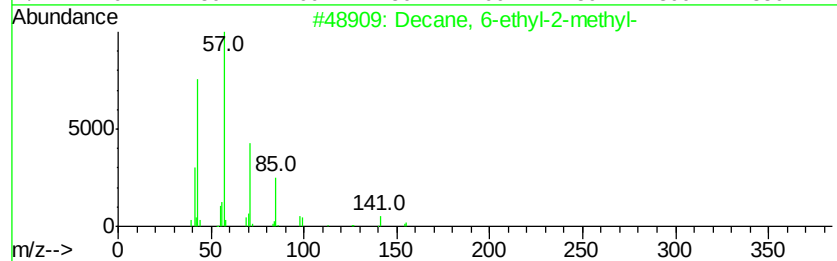
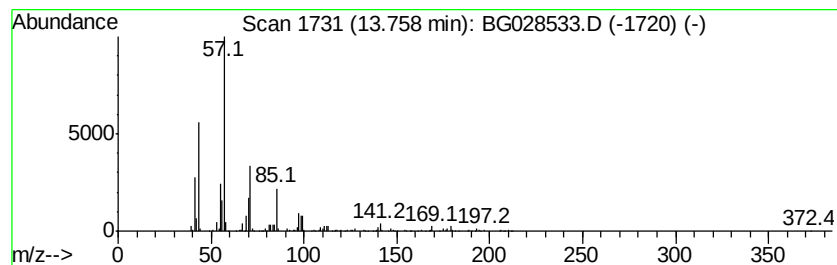
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	26.37 ng/ul	863739	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
2		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	72
3		Heneicosane	296	C21H44	000629-94-7	53
4		Tetradecane	198	C14H30	000629-59-4	53
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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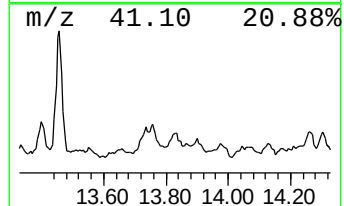
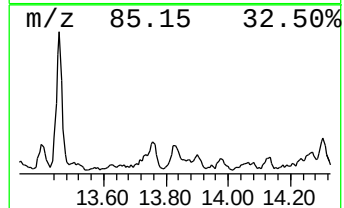
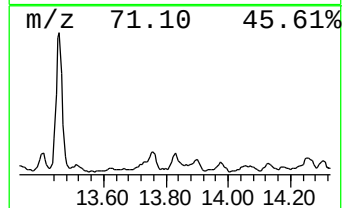
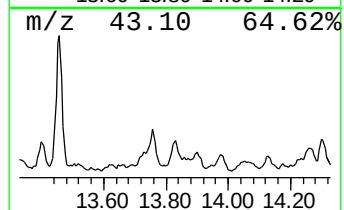
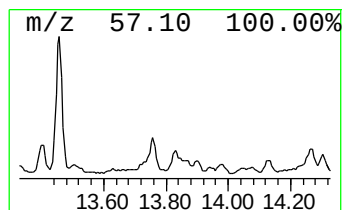
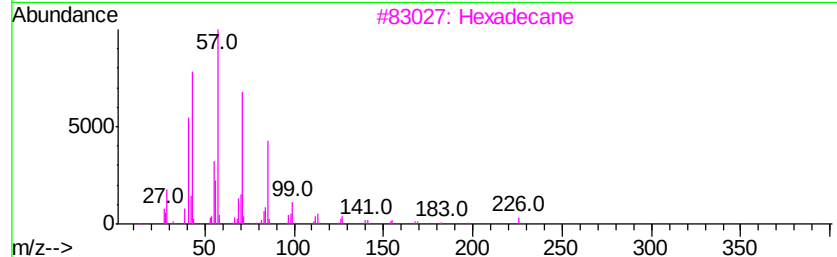
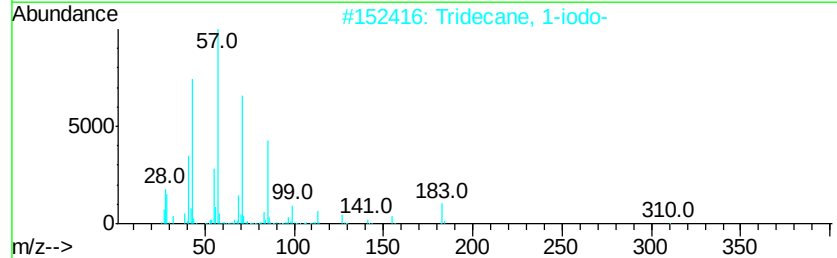
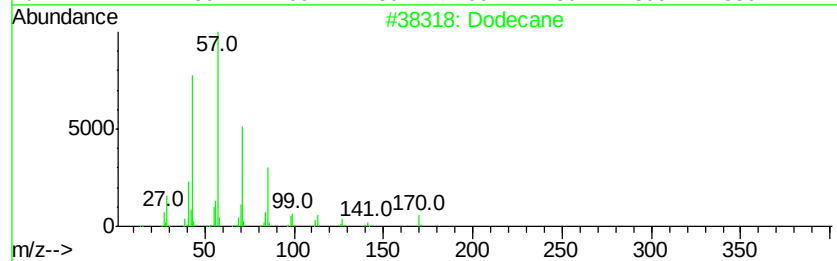
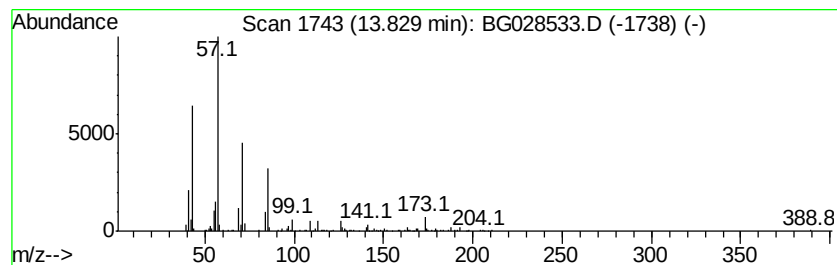
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.56 ng/ul	247747	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	72
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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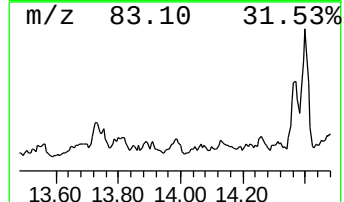
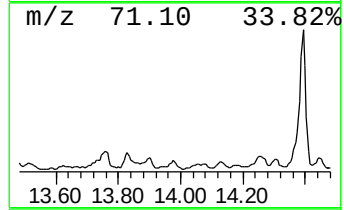
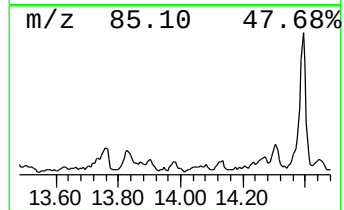
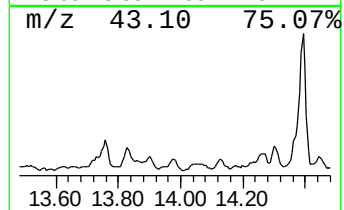
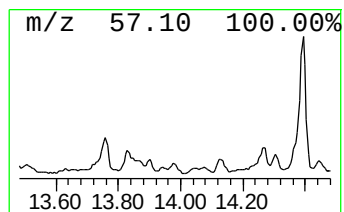
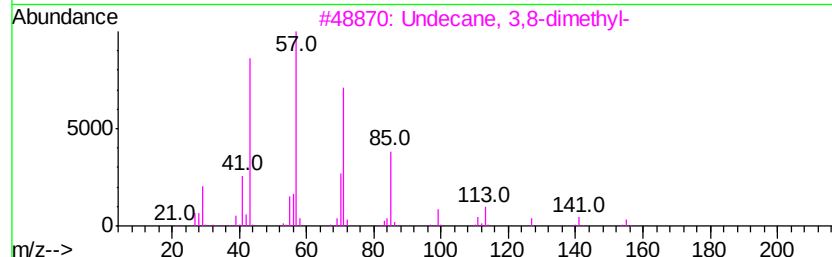
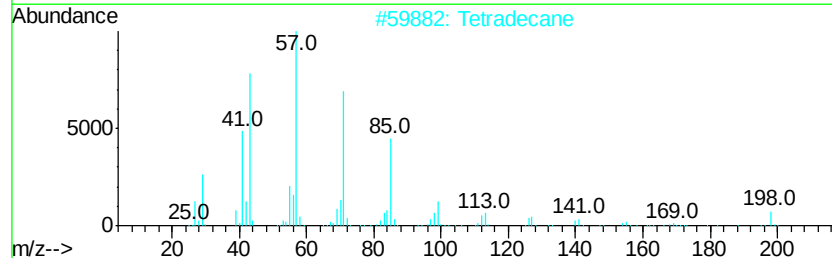
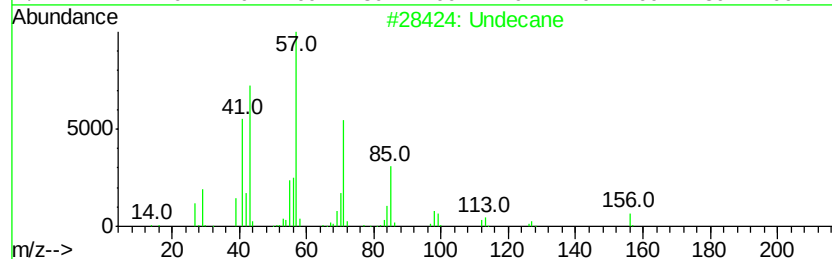
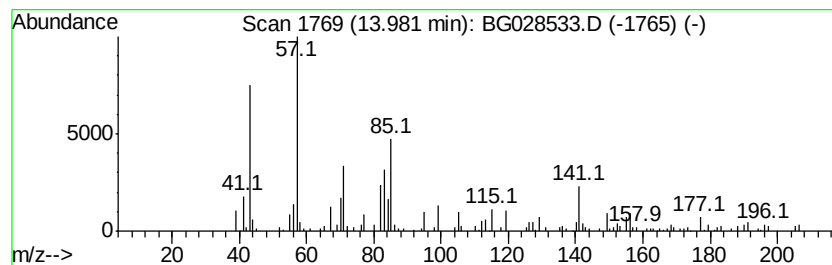
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	6.06 ng/ul	198497	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	87
2			Tetradecane	198	C14H30	000629-59-4	72
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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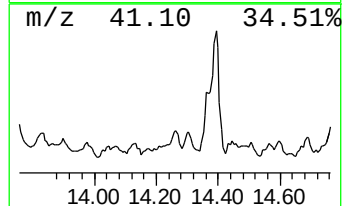
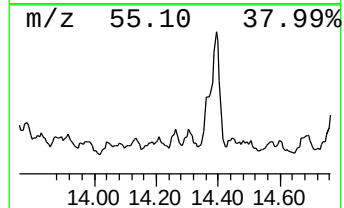
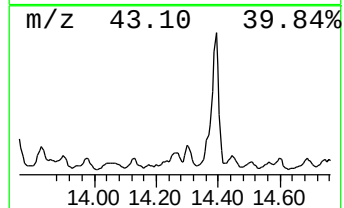
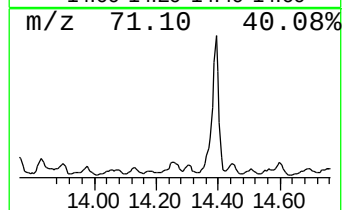
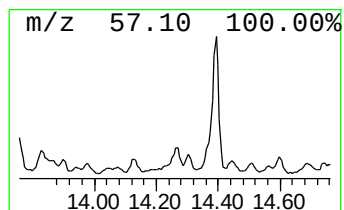
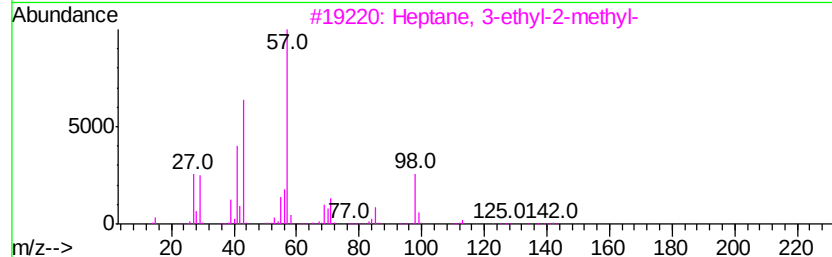
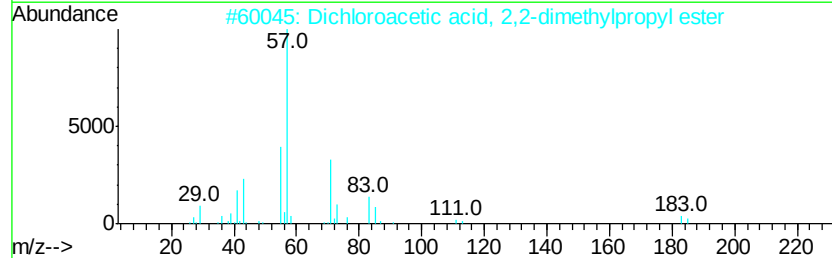
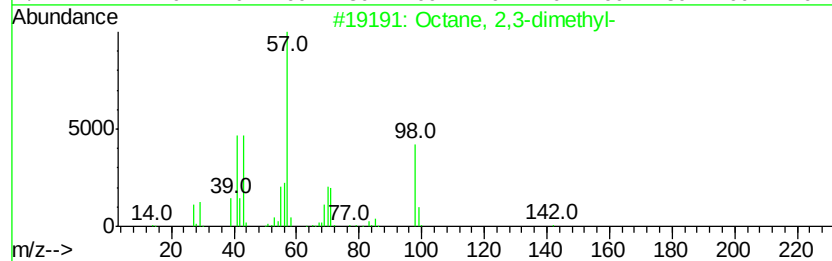
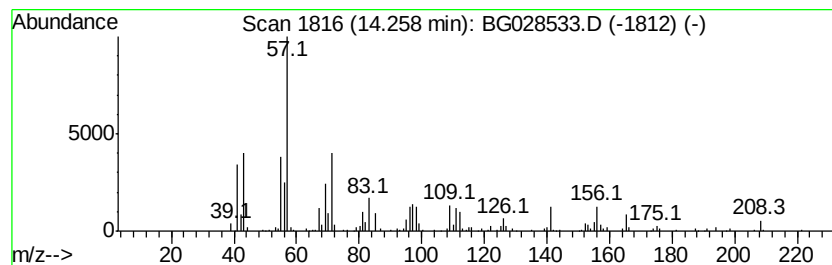
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	6.70 ng/ul	219511	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
2			Dichloroacetic acid, 2,2-dimethyl...	198	C7H12Cl2O2	1000282-43-5	27
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	27
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	27
5			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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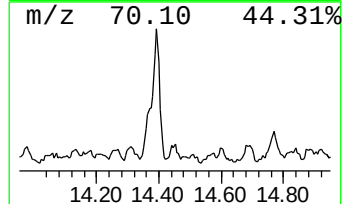
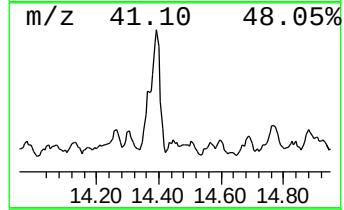
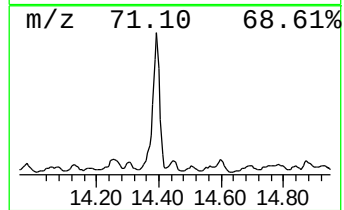
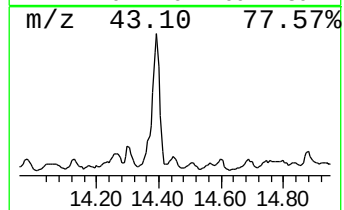
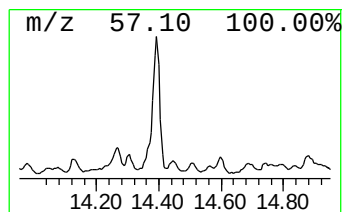
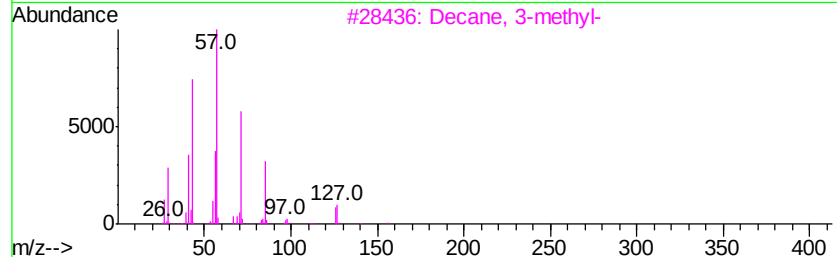
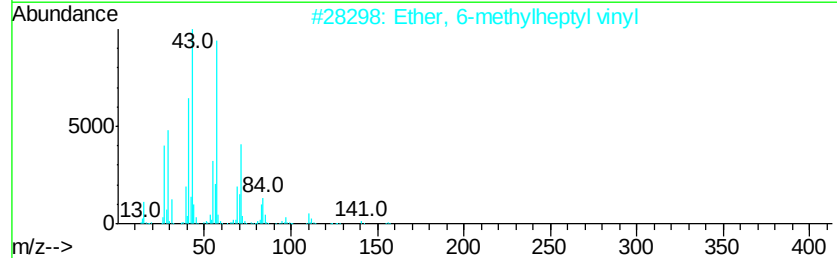
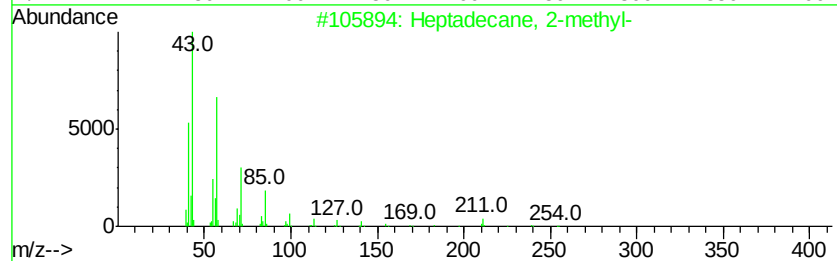
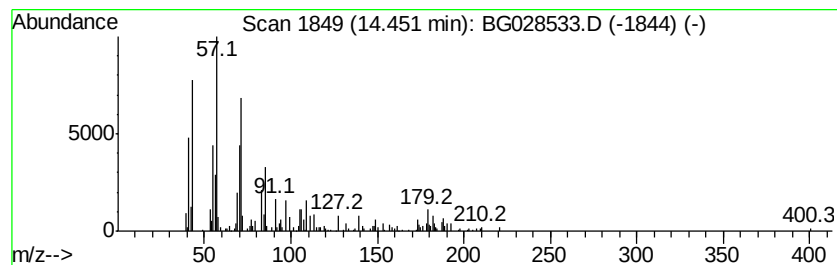
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.46 ng/ul	146209	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	53
2			Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	53
3			Decane, 3-methyl-	156	C11H24	013151-34-3	53
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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Acq On : 29 Aug 2017 00:30
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Misc :
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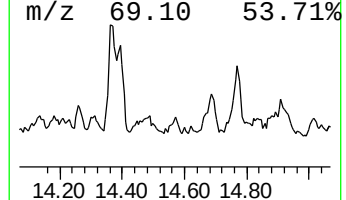
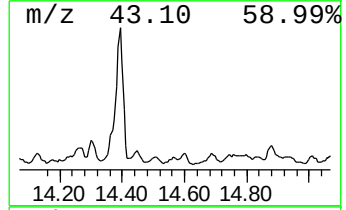
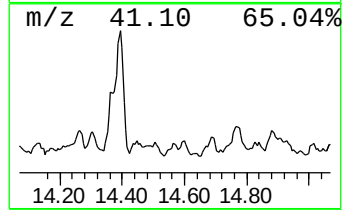
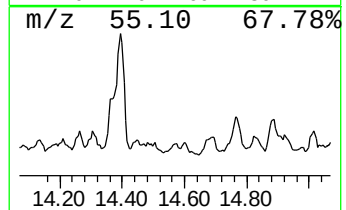
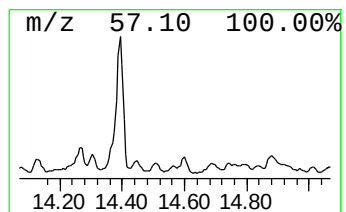
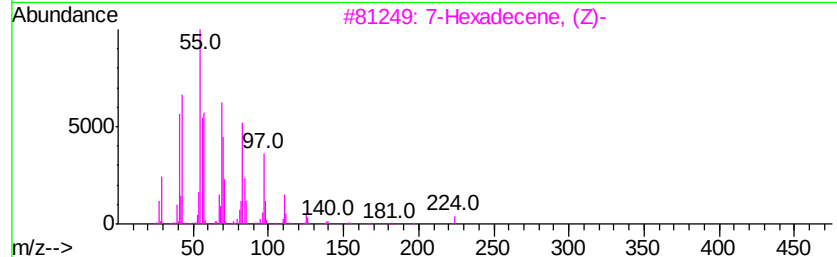
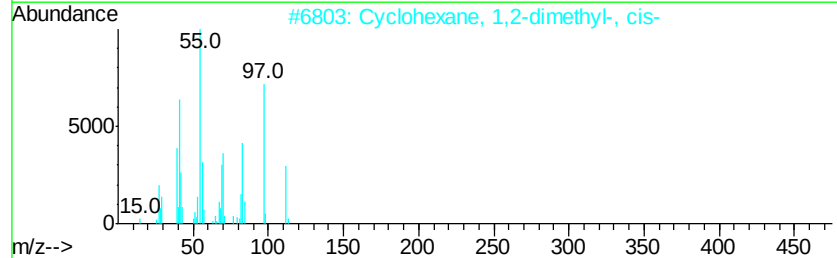
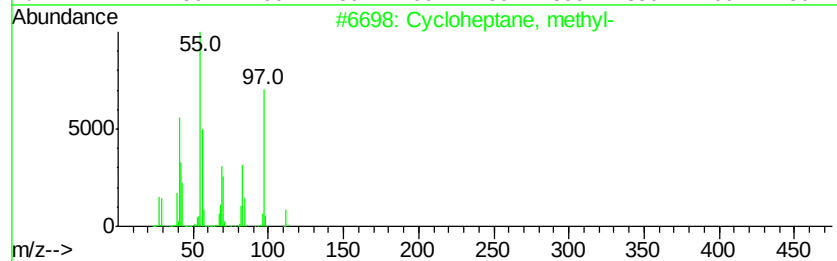
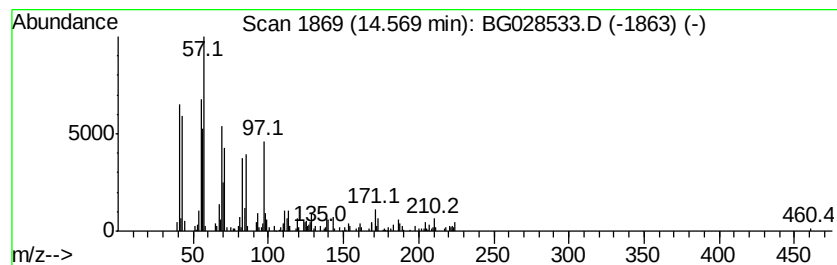
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Cyclic14.57 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.03 ng/ul	197596	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloheptane, methyl-	112 C8H16	004126-78-7 46
2		Cyclohexane, 1,2-dimethyl-, cis-	112 C8H16	002207-01-4 43
3		7-Hexadecene, (Z)-	224 C16H32	035507-09-6 42
4		6-Tridecene, (Z)-	182 C13H26	006508-77-6 30
5		Cyclopentadecane	210 C15H30	000295-48-7 30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

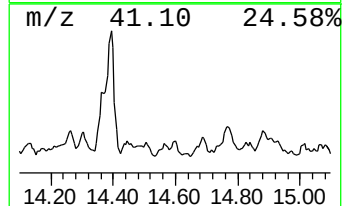
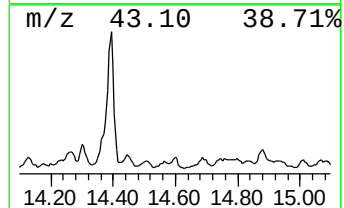
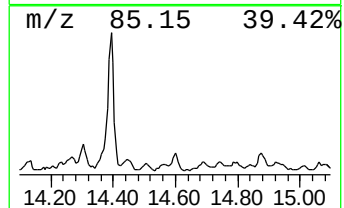
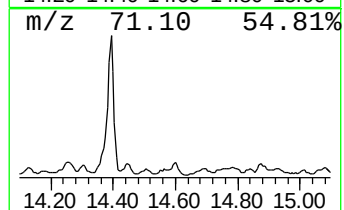
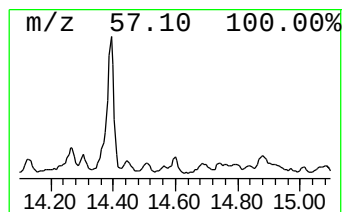
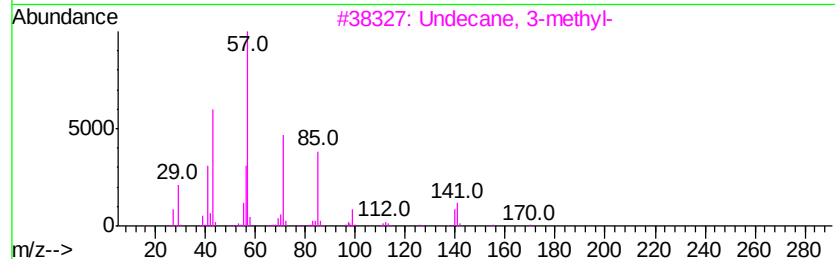
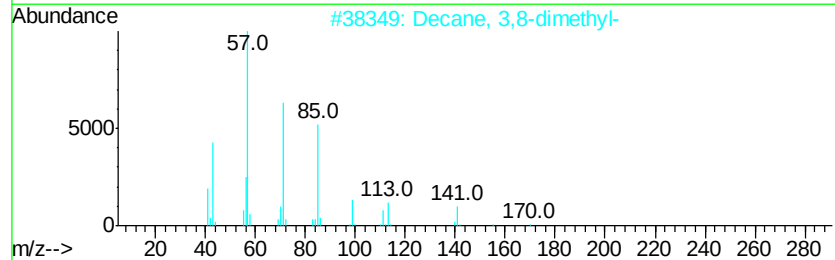
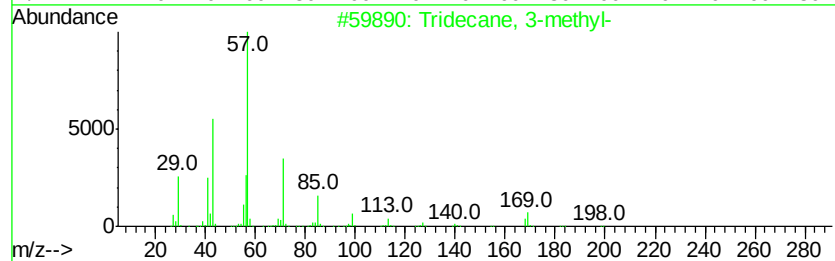
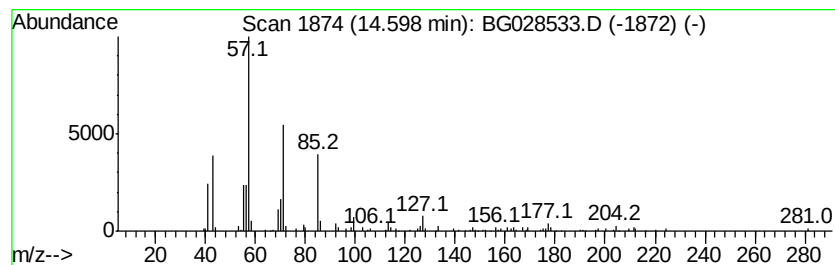
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.39 ng/ul	111015	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4			Dodecane	170	C12H26	000112-40-3	72
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

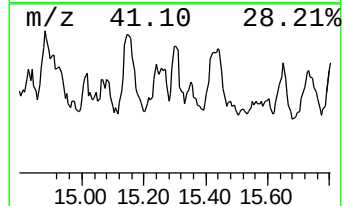
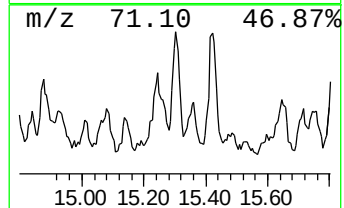
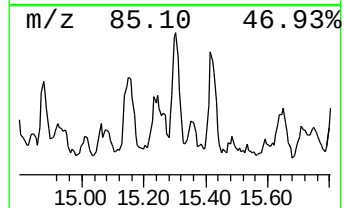
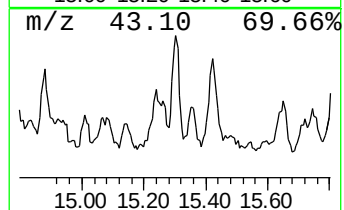
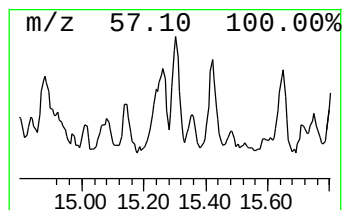
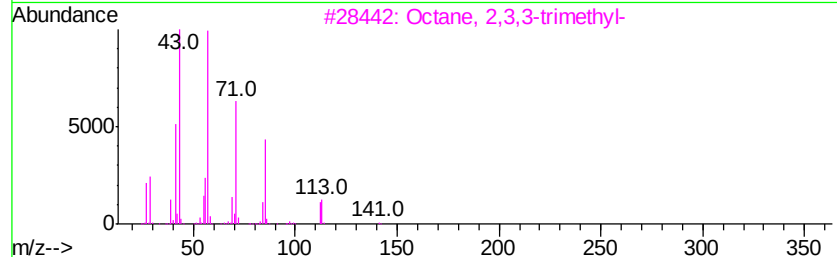
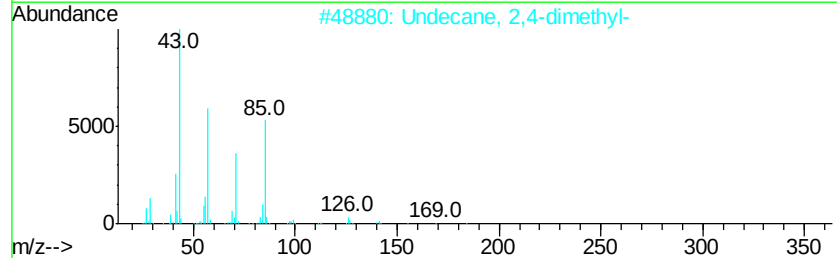
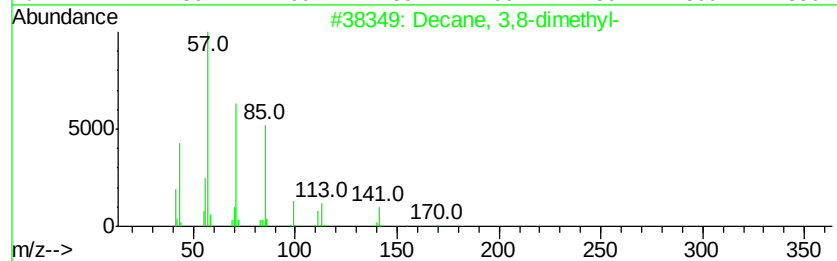
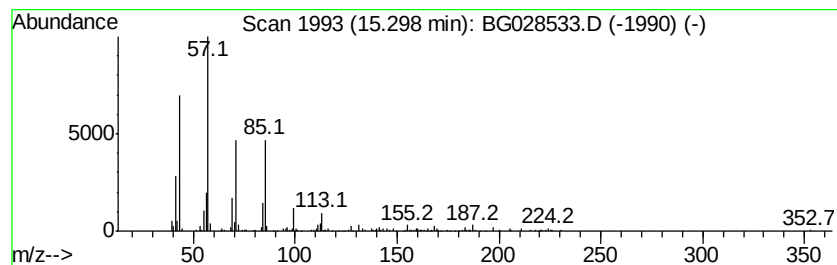
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.99 ng/ul	261719	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
2			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
3			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
4			Decane, 2-methyl-	156	C11H24	006975-98-0	68
5			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

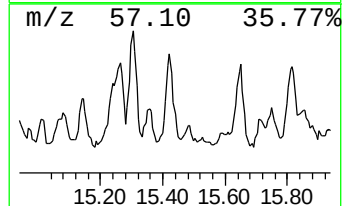
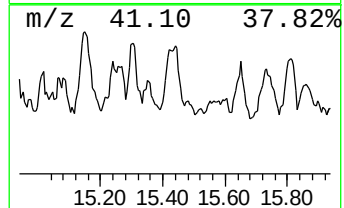
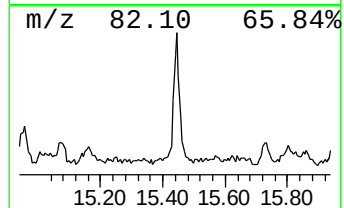
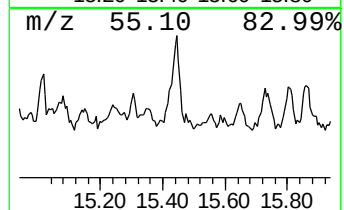
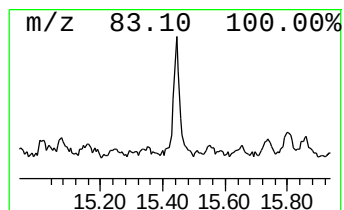
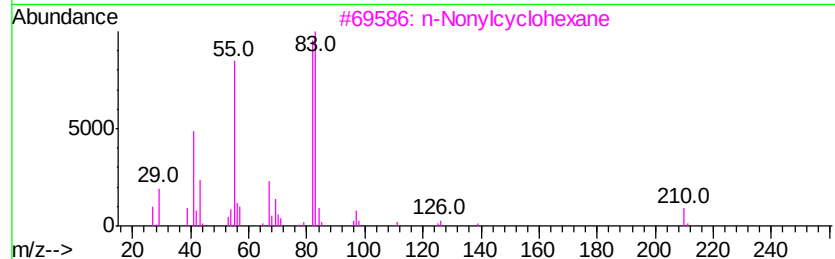
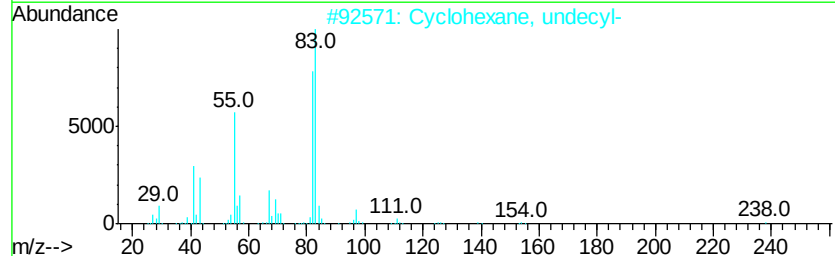
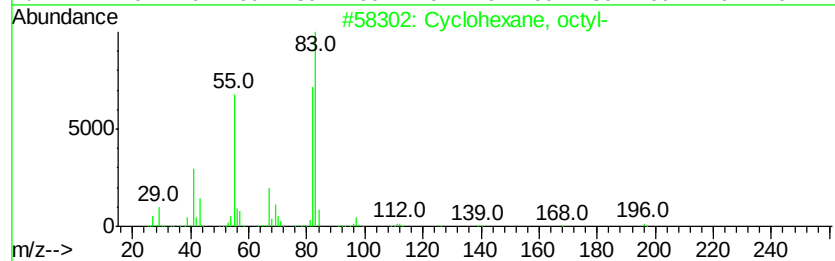
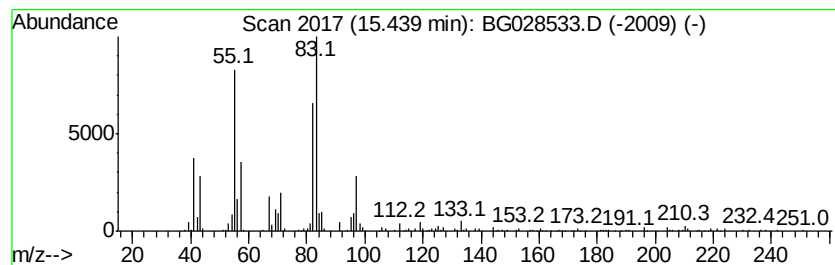
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	19.45 ng/ul	637152	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	70
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	70
3		n-Nonylcyclohexane	210	C15H30	002883-02-5	68
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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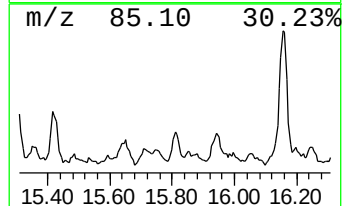
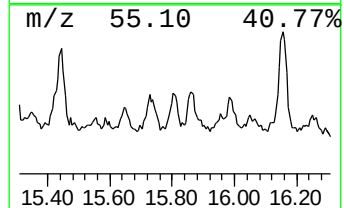
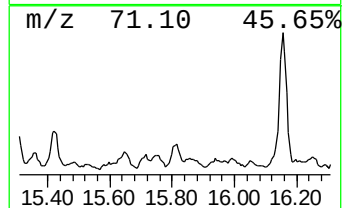
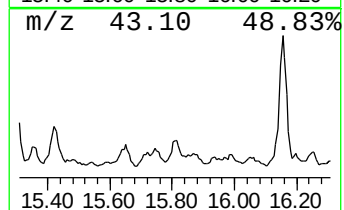
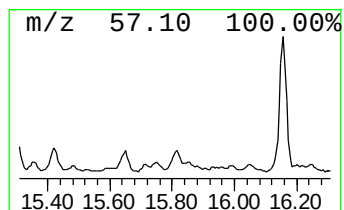
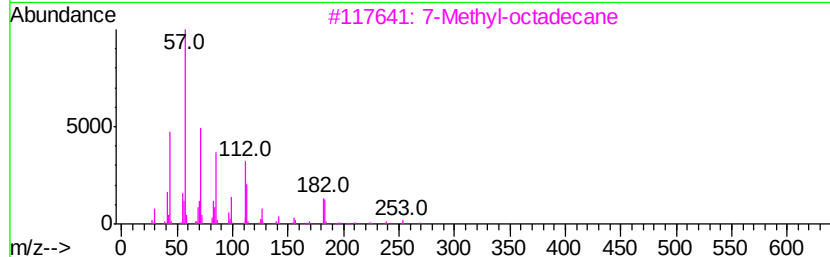
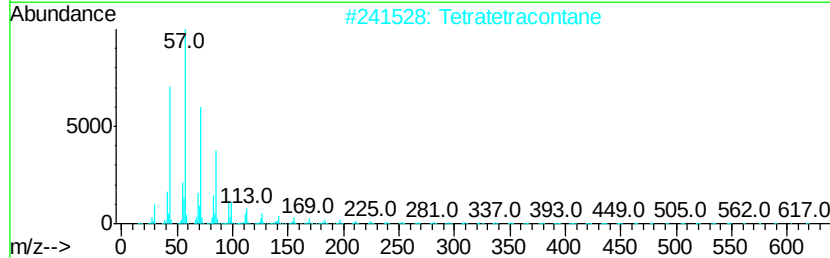
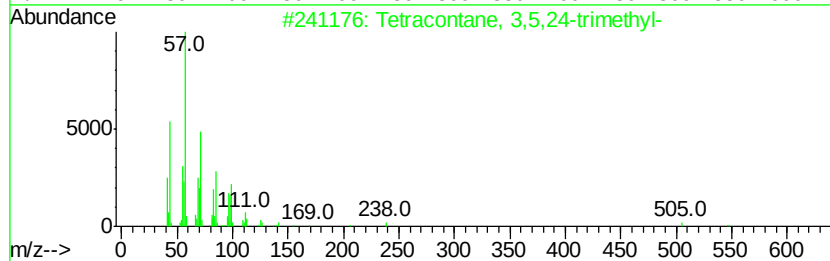
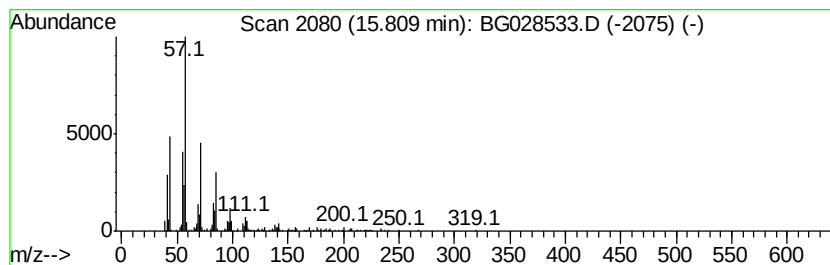
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	8.43 ng/ul	276135	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	80
2			Tetratetracontane	619	C44H90	007098-22-8	64
3			7-Methyl-octadecane	268	C19H40	1000192-63-3	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
5			Oxalic acid, isobutyl undecyl ester	300	C17H32O4	1000309-37-6	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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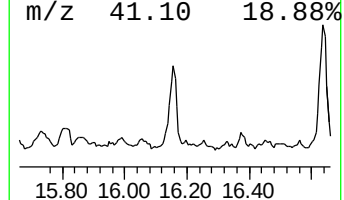
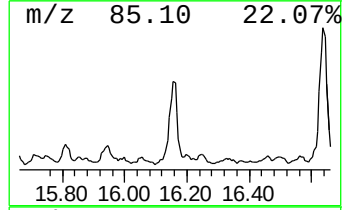
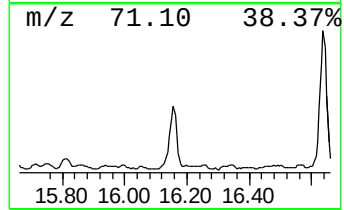
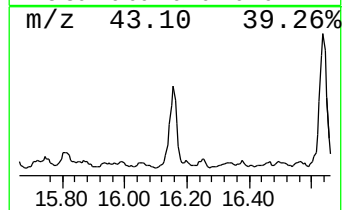
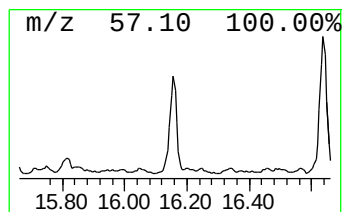
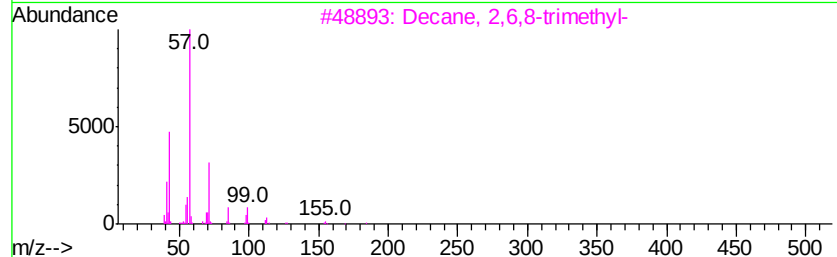
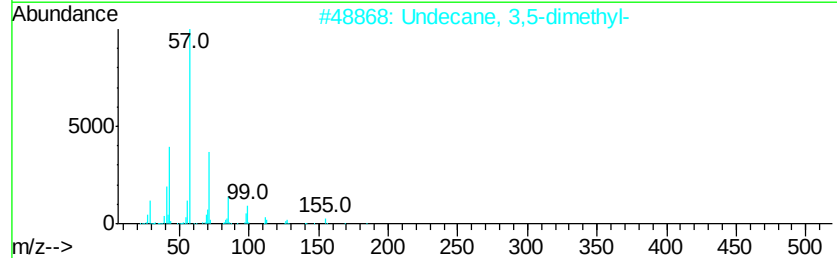
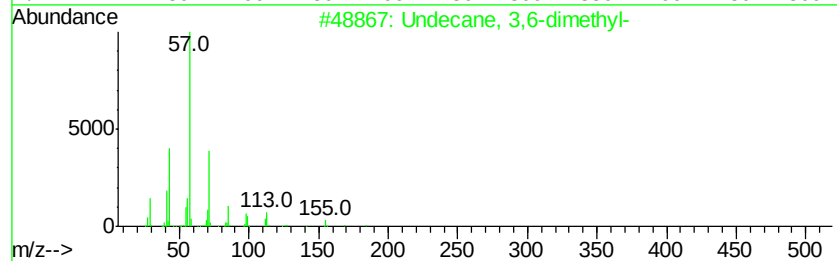
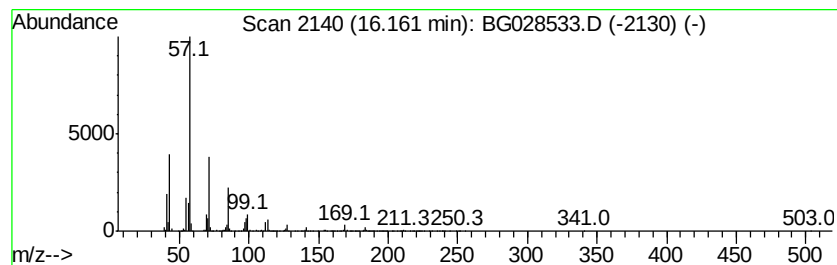
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	42.08 ng/ul	1378200	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	91
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
5		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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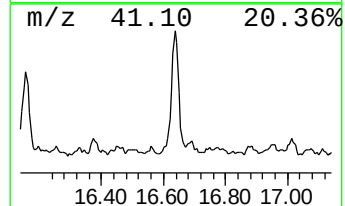
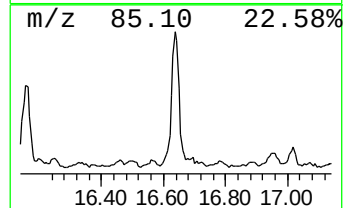
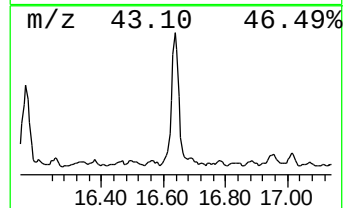
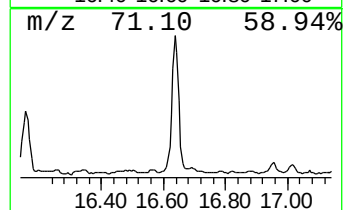
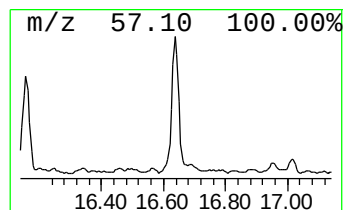
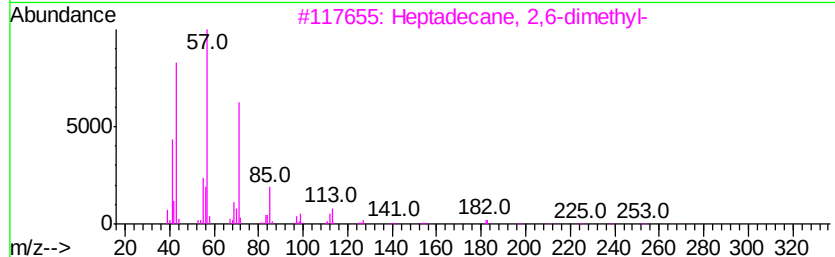
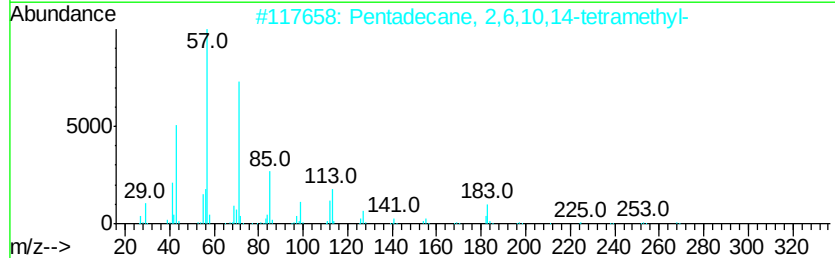
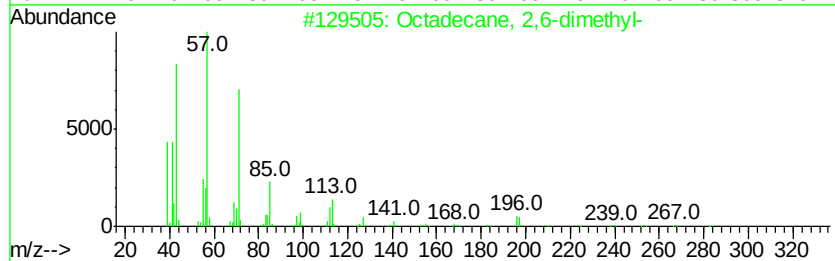
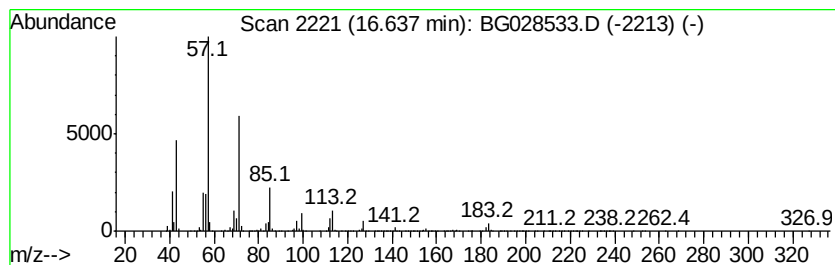
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	47.75 ng/ul	2094720	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
5		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
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Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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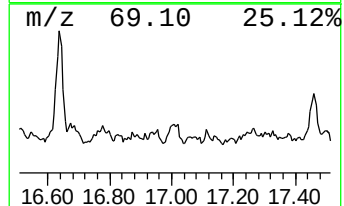
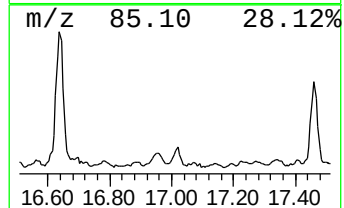
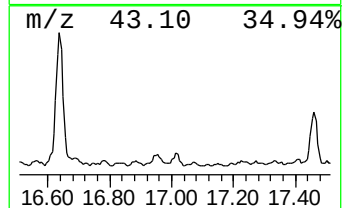
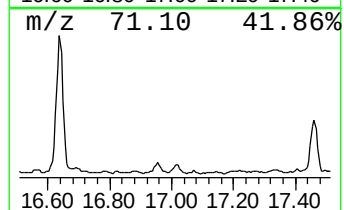
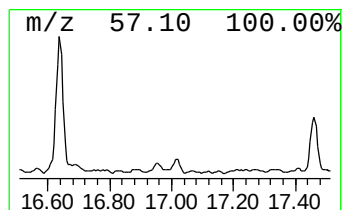
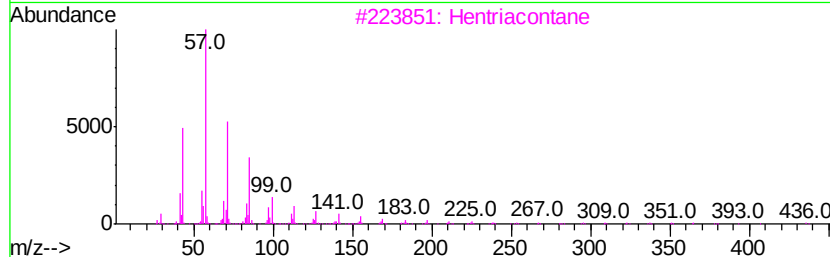
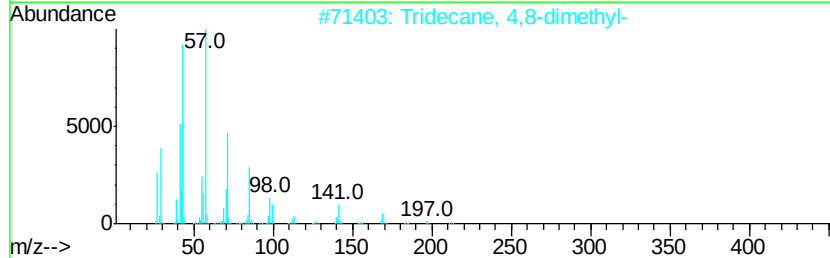
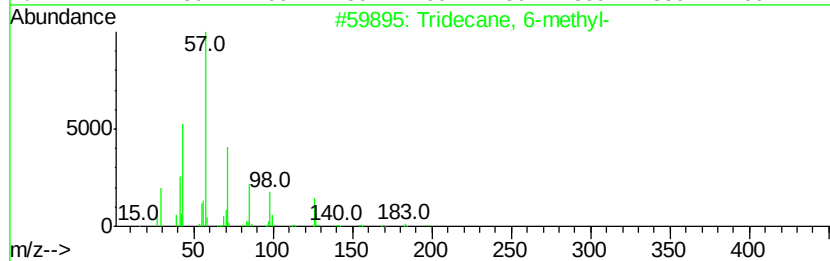
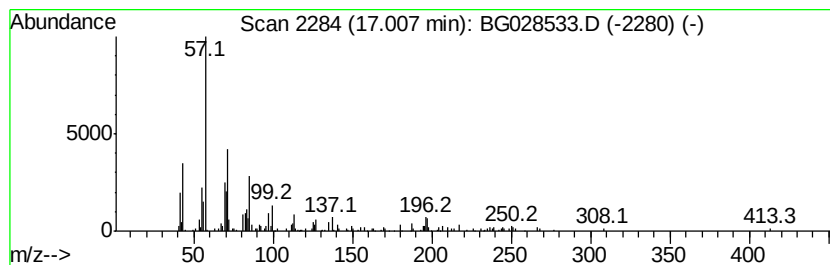
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	4.83 ng/ul	211693	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
2		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
3		Hentriacontane	437	C31H64	000630-04-6	80
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

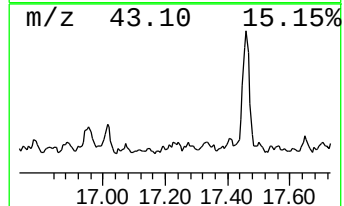
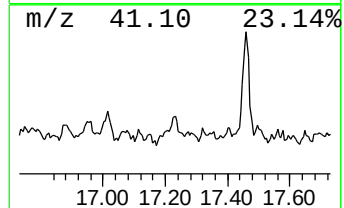
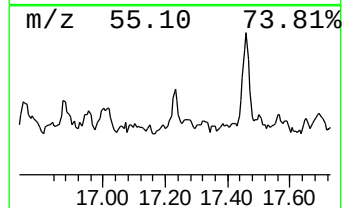
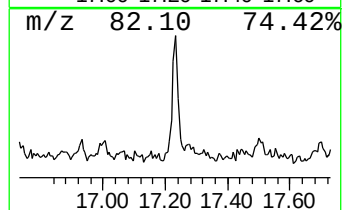
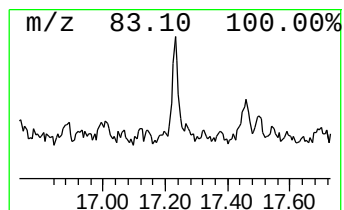
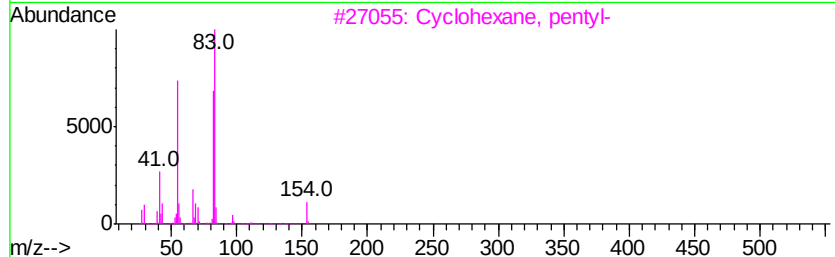
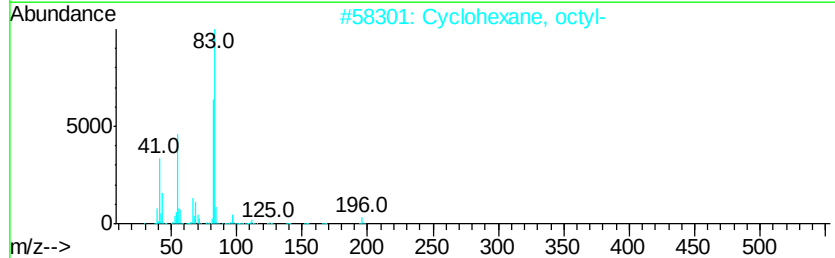
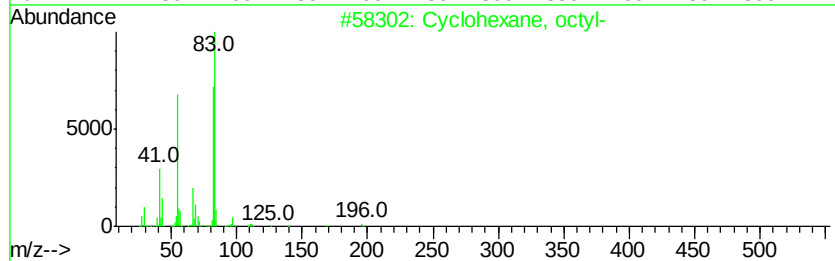
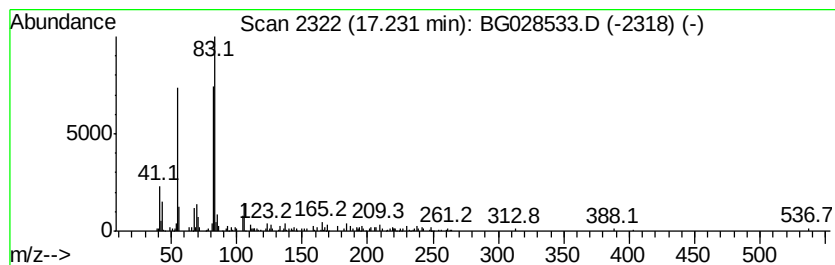
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Cyclic17.23 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.55 ng/ul	111830	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	87
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	74
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

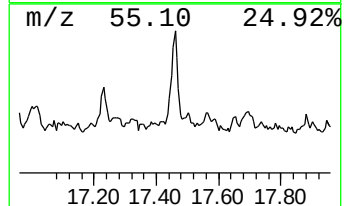
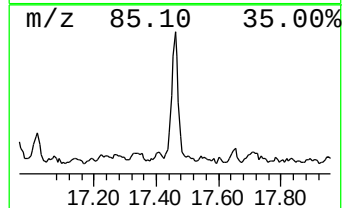
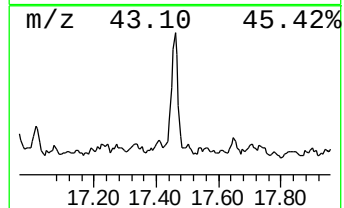
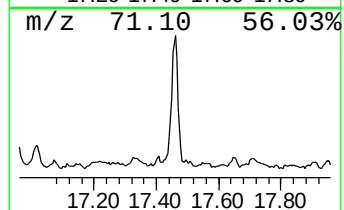
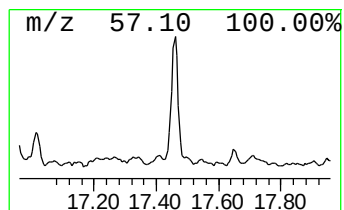
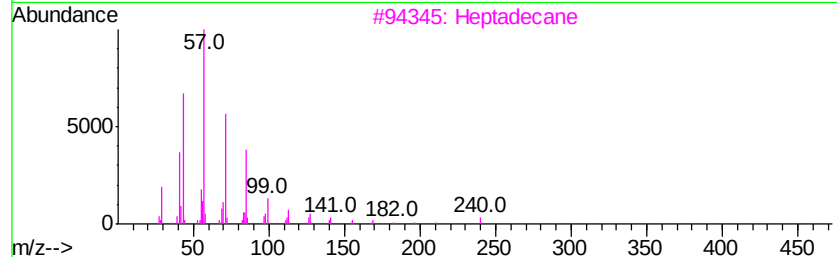
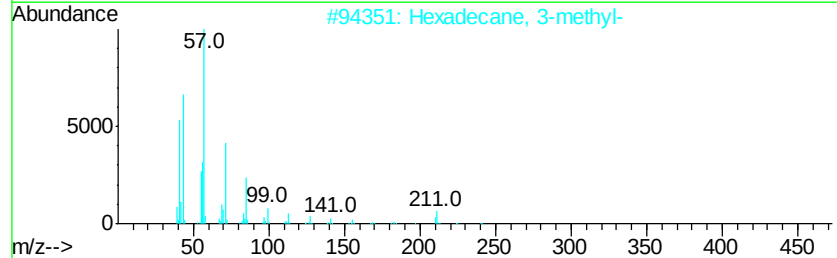
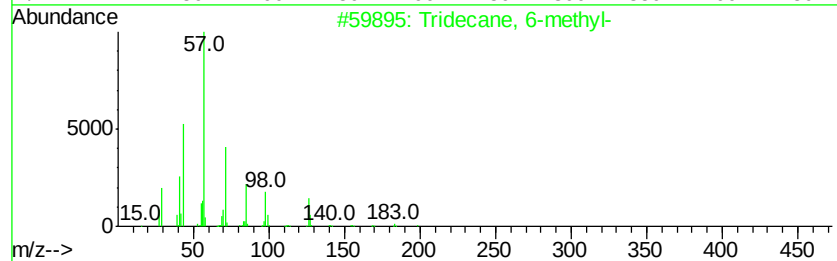
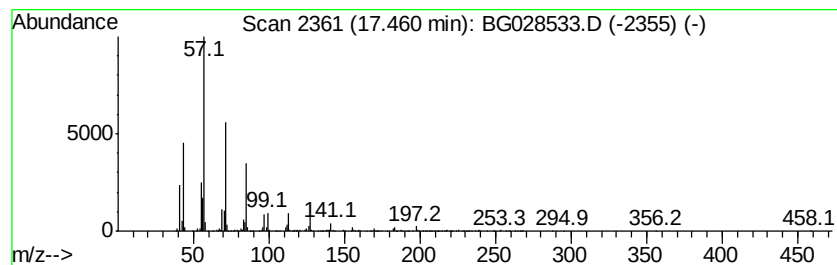
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	18.23 ng/ul	799785	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

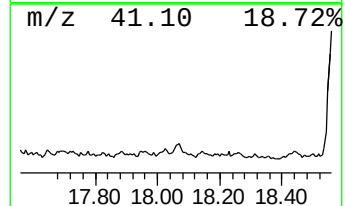
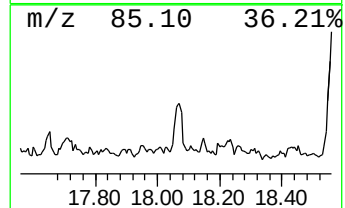
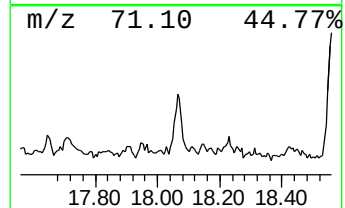
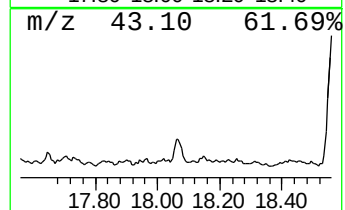
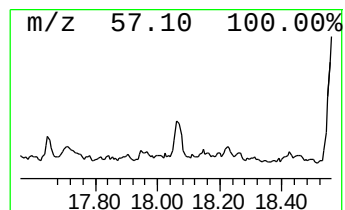
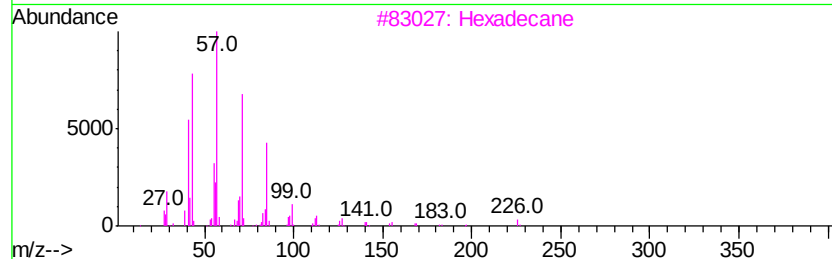
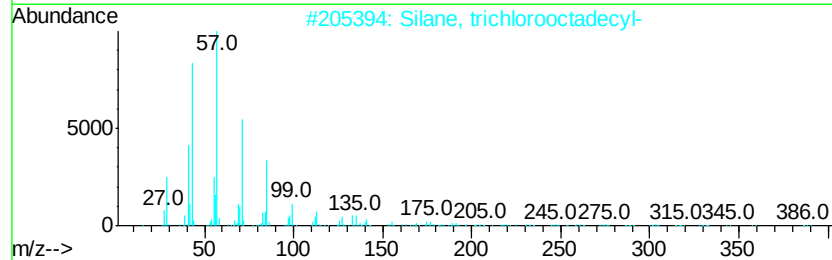
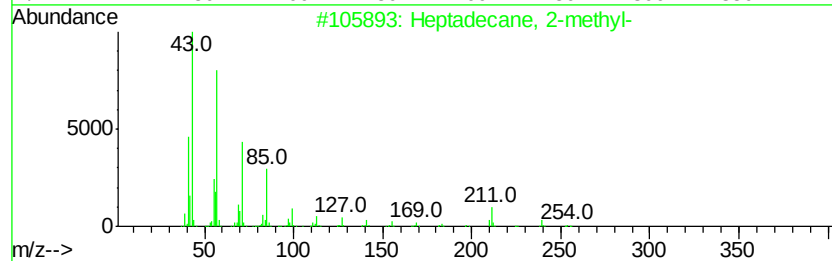
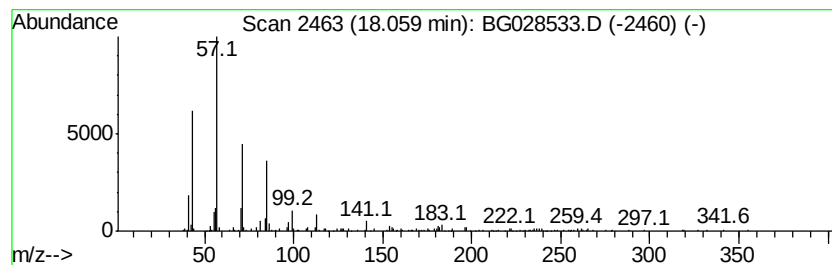
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.56 ng/ul	199972	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

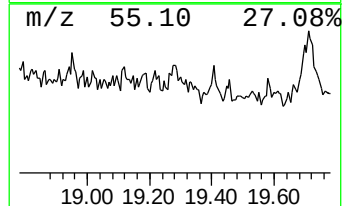
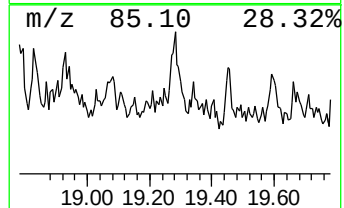
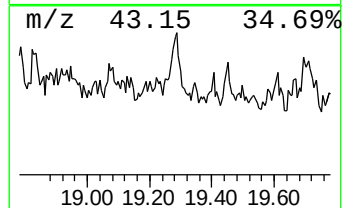
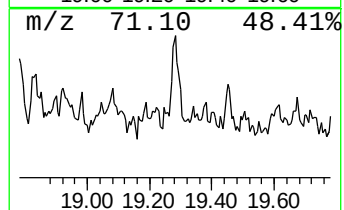
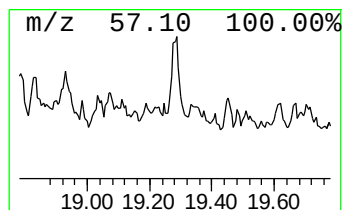
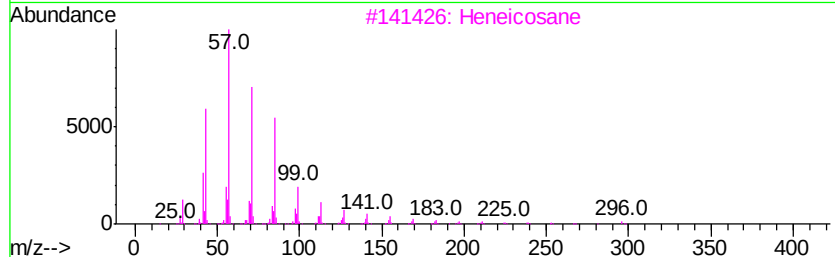
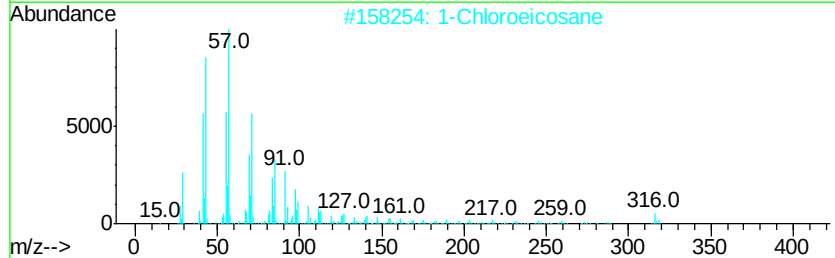
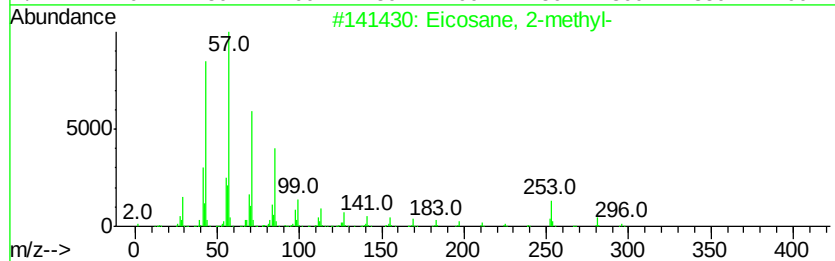
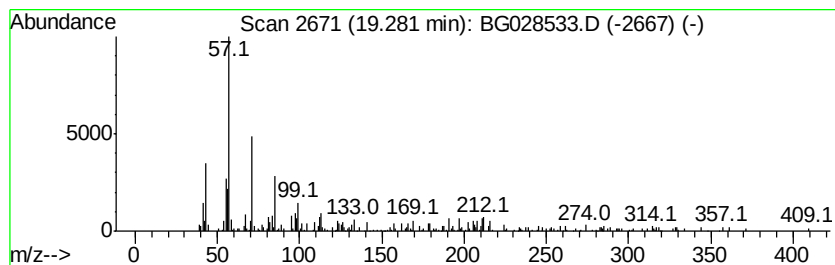
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.93 ng/ul	128685	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
2		1-Chloroeicosane	316	C20H41Cl	042217-02-7	72
3		Heneicosane	296	C21H44	000629-94-7	64
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
5		Hexadecane, 1-(ethenyl)-	268	C18H36O	000822-28-6	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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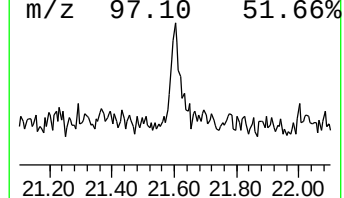
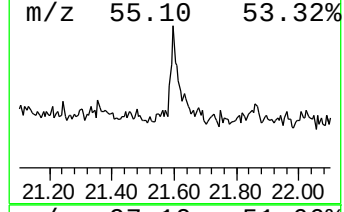
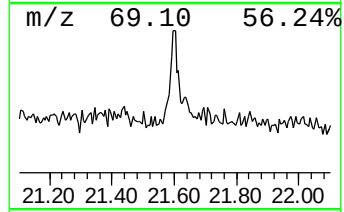
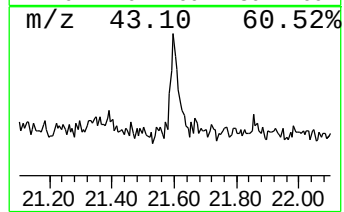
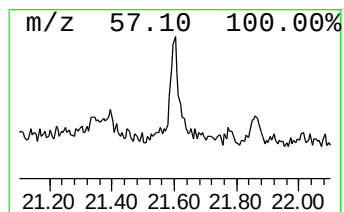
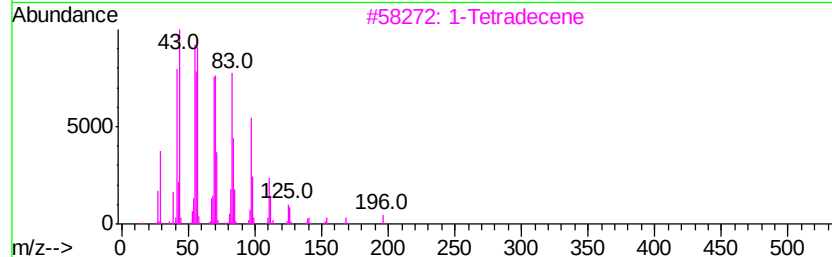
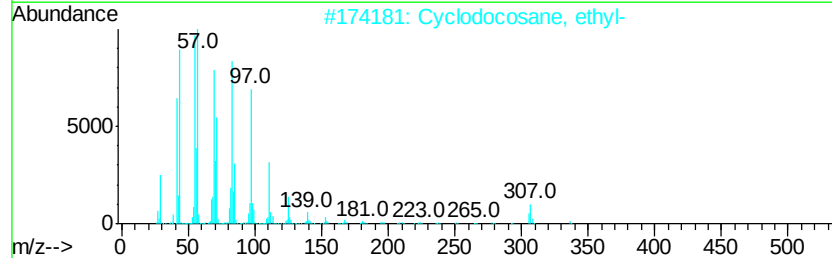
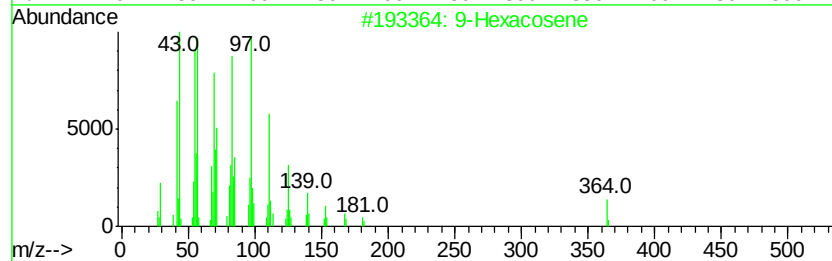
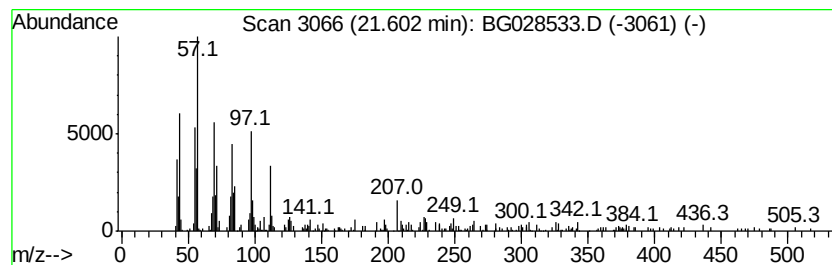
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 (DEL) Alkane: Cyclic21.60 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.37 ng/ul	241700	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexacosene	364	C26H52	071502-22-2	90
2		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	83
3		1-Tetradecene	196	C14H28	001120-36-1	81
4		Cycloeicosane	280	C20H40	000296-56-0	74
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082817\
 Data File : BG028533.D
 Acq On : 29 Aug 2017 00:30
 Operator : SJ/JU
 Sample : I4905-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	8.90	9.8	ng/ul	150441	1	8.34	306052	20.0
unknown-01	9.43	9.8	ng/ul	149980	1	8.34	306052	20.0
1-Decanol, 2-hexyl-	9.79	6.4	ng/ul	159687	2	11.16	496892	20.0
(DEL) Alkane: Str...	9.96	5.3	ng/ul	130941	2	11.16	496892	20.0
3-Methyl-2-(2-oxo...	10.07	5.5	ng/ul	137479	2	11.16	496892	20.0
trans-Decalin, 2-...	10.33	7.2	ng/ul	177795	2	11.16	496892	20.0
(DEL) Alkane: Str...	10.37	7.9	ng/ul	197021	2	11.16	496892	20.0
unknown-02	10.46	9.6	ng/ul	238512	2	11.16	496892	20.0
(DEL) Alkane: Str...	10.54	7.3	ng/ul	182682	2	11.16	496892	20.0
(DEL) Alkane: Str...	10.64	5.7	ng/ul	141333	2	11.16	496892	20.0
(DEL) Alkane: Str...	10.85	5.1	ng/ul	127352	2	11.16	496892	20.0
(DEL) Alkane: Str...	11.34	9.6	ng/ul	237333	2	11.16	496892	20.0
(DEL) Alkane: Str...	11.40	4.7	ng/ul	115564	2	11.16	496892	20.0
(DEL) Alkane: Str...	11.50	6.8	ng/ul	169473	2	11.16	496892	20.0
(DEL) Alkane: Cyc...	11.63	9.9	ng/ul	247086	2	11.16	496892	20.0
Tricyclo[4.3.1.1(...	11.70	5.0	ng/ul	123800	2	11.16	496892	20.0
(DEL) Alkane: Str...	11.84	11.3	ng/ul	279940	2	11.16	496892	20.0
(DEL) Alkane: Str...	11.95	14.1	ng/ul	351420	2	11.16	496892	20.0
(DEL) Alkane: Str...	12.02	15.5	ng/ul	385941	2	11.16	496892	20.0
Bacchotricuneatin c	12.13	69.1	ng/ul	1716370	2	11.16	496892	20.0
(DEL) Alkane: Cyc...	12.18	5.2	ng/ul	129577	2	11.16	496892	20.0
unknown-03	12.22	11.1	ng/ul	276344	2	11.16	496892	20.0
unknown-04	12.32	5.8	ng/ul	143297	2	11.16	496892	20.0
(DEL) Alkane: Cyc...	12.41	16.2	ng/ul	402062	2	11.16	496892	20.0
(DEL) Alkane: Cyc...	12.52	8.3	ng/ul	206461	2	11.16	496892	20.0
unknown-05	12.61	10.4	ng/ul	257626	2	11.16	496892	20.0
(DEL) Alkane: Str...	12.65	14.4	ng/ul	359051	2	11.16	496892	20.0
(DEL) Alkane: Str...	12.74	27.4	ng/ul	681770	2	11.16	496892	20.0
unknown-06	12.87	8.7	ng/ul	215252	2	11.16	496892	20.0
(DEL) Alkane: Str...	12.95	14.0	ng/ul	346784	2	11.16	496892	20.0
(DEL) Alkane: Str...	13.14	14.1	ng/ul	462945	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.18	8.0	ng/ul	261167	3	14.95	655088	20.0
(DEL) Alkane: Cyc...	13.21	11.1	ng/ul	362099	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.25	8.4	ng/ul	275820	3	14.95	655088	20.0
unknown-07	13.34	5.6	ng/ul	183202	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.40	13.3	ng/ul	436413	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.46	48.8	ng/ul	1597980	3	14.95	655088	20.0
unknown-08	13.56	4.0	ng/ul	129773	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.76	26.4	ng/ul	863739	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.83	7.6	ng/ul	247747	3	14.95	655088	20.0
(DEL) Alkane: Str...	13.98	6.1	ng/ul	198497	3	14.95	655088	20.0
(DEL) Alkane: Str...	14.26	6.7	ng/ul	219511	3	14.95	655088	20.0
(DEL) Alkane: Str...	14.45	4.5	ng/ul	146209	3	14.95	655088	20.0
(DEL) Alkane: Cyc...	14.57	6.0	ng/ul	197596	3	14.95	655088	20.0
(DEL) Alkane: Str...	14.60	3.4	ng/ul	111015	3	14.95	655088	20.0
(DEL) Alkane: Str...	15.30	8.0	ng/ul	261719	3	14.95	655088	20.0
(DEL) Alkane: Str...	15.44	19.4	ng/ul	637152	3	14.95	655088	20.0
(DEL) Alkane: Str...	15.81	8.4	ng/ul	276135	3	14.95	655088	20.0
(DEL) Alkane: Str...	16.16	42.1	ng/ul	1378200	3	14.95	655088	20.0

(DEL)	Alkane: Str...	16.64	47.8	ng/ul	2094720	4	17.70	877346	20.0
(DEL)	Alkane: Str...	17.01	4.8	ng/ul	211693	4	17.70	877346	20.0
(DEL)	Alkane: Cyc...	17.23	2.5	ng/ul	111830	4	17.70	877346	20.0
(DEL)	Alkane: Str...	17.46	18.2	ng/ul	799785	4	17.70	877346	20.0
(DEL)	Alkane: Str...	18.06	4.6	ng/ul	199972	4	17.70	877346	20.0
(DEL)	Alkane: Str...	19.28	2.9	ng/ul	128685	4	17.70	877346	20.0
(DEL)	Alkane: Cyc...	21.60	4.4	ng/ul	241700	5	22.03	1105230	20.0

Instrument :
BNA_G
ClientSampleId :
B0B12