

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028496.D
 Acq On : 25 Aug 2017 17:43
 Operator : SJ/JU
 Sample : I4885-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AP9

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	3.814	34	38	44	rVV6	6520	9742	0.94%	0.062%
2	5.435	309	314	320	rBV7	6098	11275	1.09%	0.072%
3	5.852	378	385	391	rVB4	6286	10510	1.02%	0.067%
4	6.981	571	577	581	rVB6	5199	11163	1.08%	0.071%
5	7.310	625	633	638	rBV4	4580	10890	1.06%	0.070%
6	7.492	656	664	679	rVB2	111203	244435	23.71%	1.562%
7	7.650	682	691	698	rBV	77186	133565	12.95%	0.853%
8	7.874	722	729	736	rVV	103145	192485	18.67%	1.230%
9	7.979	742	747	752	rBV4	5838	10344	1.00%	0.066%
10	8.338	802	808	823	rVB2	95692	176263	17.10%	1.126%
11	8.496	831	835	843	rVB4	5926	13900	1.35%	0.089%
12	8.884	896	901	910	rVB6	6954	17879	1.73%	0.114%
13	8.972	910	916	920	rBV6	8880	17427	1.69%	0.111%
14	9.037	921	927	940	rVV2	123793	239907	23.27%	1.533%
15	9.172	945	950	958	rBV8	10633	22442	2.18%	0.143%
16	9.436	985	995	999	rBV7	12169	28829	2.80%	0.184%
17	9.507	999	1007	1016	rVB2	110584	207457	20.12%	1.326%
18	9.666	1025	1034	1043	rVB10	7947	30640	2.97%	0.196%
19	9.795	1047	1056	1062	rVB7	6148	16697	1.62%	0.107%
20	9.959	1079	1084	1089	rVB5	10207	18593	1.80%	0.119%
21	10.065	1097	1102	1110	rVB8	12769	27297	2.65%	0.174%
22	10.177	1116	1121	1124	rBV4	6243	10561	1.02%	0.067%
23	10.230	1124	1130	1140	rVB2	92930	182730	17.72%	1.168%
24	10.330	1140	1147	1152	rBV6	13251	27077	2.63%	0.173%
25	10.453	1161	1168	1178	rBV10	11696	36858	3.57%	0.236%
26	10.541	1178	1183	1188	rBV5	9352	18323	1.78%	0.117%
27	10.717	1205	1213	1216	rBV8	6195	13660	1.32%	0.087%
28	10.776	1216	1223	1230	rBV2	132871	259443	25.16%	1.658%
29	10.847	1231	1235	1240	rVB7	9835	18112	1.76%	0.116%
30	11.093	1271	1277	1281	rBV6	10257	22852	2.22%	0.146%
31	11.158	1281	1288	1301	rVB	139977	288926	28.02%	1.846%
32	11.287	1302	1310	1318	rVV4	77655	180677	17.52%	1.155%
33	11.352	1318	1321	1328	rVB9	9543	16717	1.62%	0.107%
34	11.628	1363	1368	1373	rVB8	11901	17674	1.71%	0.113%

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35	11.834	1395	1403	1414	rVB8	12487	35671	3.46%	0.228%
36	11.963	1414	1425	1429	rBV8	7658	24154	2.34%	0.154%
37	12.028	1433	1436	1446	rVB9	9786	20087	1.95%	0.128%
38	12.127	1447	1453	1458	rBV	40905	65330	6.34%	0.417%
39	12.180	1458	1462	1466	rVV6	10091	17459	1.69%	0.112%
40	12.321	1482	1486	1491	rBV8	11367	18625	1.81%	0.119%
41	12.409	1497	1501	1506	rVB7	10168	17430	1.69%	0.111%
42	12.515	1514	1519	1524	rBV	44787	70143	6.80%	0.448%
43	12.727	1554	1555	1563	rVB7	20527	33617	3.26%	0.215%
44	12.862	1573	1578	1584	rVB6	13585	23245	2.25%	0.149%
45	12.915	1584	1587	1592	rBV5	9376	19623	1.90%	0.125%
46	13.144	1621	1626	1629	rBV6	14888	27415	2.66%	0.175%
47	13.214	1634	1638	1647	rVB8	18018	42164	4.09%	0.269%
48	13.314	1649	1655	1662	rBV8	20325	42256	4.10%	0.270%
49	13.397	1665	1669	1673	rVB5	27116	41612	4.04%	0.266%
50	13.455	1673	1679	1688	rBV	80077	134063	13.00%	0.857%
51	13.608	1700	1705	1709	rBV8	11921	21914	2.13%	0.140%
52	13.737	1721	1727	1736	rBV	137863	243385	23.61%	1.555%
53	13.825	1738	1742	1745	rBV4	18432	33304	3.23%	0.213%
54	14.254	1812	1815	1820	rVB6	24191	36204	3.51%	0.231%
55	14.337	1821	1829	1833	rBV	281157	530591	51.46%	3.391%
56	14.384	1834	1837	1842	rVB2	230444	365095	35.41%	2.333%
57	14.425	1843	1844	1850	rVB5	28135	34973	3.39%	0.223%
58	14.507	1851	1858	1861	rVB6	36979	77929	7.56%	0.498%
59	14.648	1876	1882	1893	rBV	291109	582162	56.47%	3.720%
60	14.771	1898	1903	1905	rBV3	73830	113049	10.96%	0.722%
61	14.801	1905	1908	1913	rVB	194329	230089	22.32%	1.470%
62	14.948	1928	1933	1940	rVB2	227612	417884	40.53%	2.670%
63	15.006	1940	1943	1950	rBV9	24020	59215	5.74%	0.378%
64	15.147	1962	1967	1975	rBV3	111768	241969	23.47%	1.546%
65	15.247	1977	1984	1989	rBV9	28618	76659	7.44%	0.490%
66	15.300	1990	1993	1996	rBV3	29216	39709	3.85%	0.254%
67	15.412	2008	2012	2021	rVV2	86379	150834	14.63%	0.964%
68	15.482	2021	2024	2031	rVB4	33944	51942	5.04%	0.332%
69	15.559	2032	2037	2041	rBV2	65776	120612	11.70%	0.771%
70	15.653	2050	2053	2057	rVB6	36732	47006	4.56%	0.300%
71	15.753	2060	2070	2074	rBV	287447	460446	44.66%	2.942%

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72	15.941	2096	2102	2108	rVB	412842	601854	58.38%	3.846%
73	16.058	2118	2122	2129	rVB4	122814	202291	19.62%	1.293%
74	16.152	2131	2138	2143	rBV	173164	309868	30.05%	1.980%
75	16.252	2152	2155	2160	rBV5	34134	50439	4.89%	0.322%
76	16.305	2160	2164	2167	rVV5	40273	48563	4.71%	0.310%
77	16.375	2173	2176	2182	rVB4	48900	73905	7.17%	0.472%
78	16.610	2211	2216	2218	rBV	346039	463779	44.98%	2.964%
79	16.793	2243	2247	2251	rBV2	46765	65139	6.32%	0.416%
80	17.069	2289	2294	2298	rBV6	35230	71297	6.92%	0.456%
81	17.192	2311	2315	2317	rBV4	27447	42733	4.14%	0.273%
82	17.404	2346	2351	2356	rBV	303326	376082	36.48%	2.403%
83	17.456	2356	2360	2365	rVB	165655	224927	21.82%	1.437%
84	17.703	2395	2402	2413	rBV	292584	541221	52.49%	3.458%
85	17.797	2413	2418	2427	rVB	487741	764386	74.14%	4.884%
86	17.885	2430	2433	2439	rVB6	47388	70074	6.80%	0.448%
87	18.144	2473	2477	2485	rVB	278233	373410	36.22%	2.386%
88	18.543	2542	2545	2550	rBV3	79264	112838	10.94%	0.721%
89	18.831	2589	2594	2599	rVB	193531	252501	24.49%	1.614%
90	19.284	2668	2671	2678	rVB4	44895	75664	7.34%	0.483%
91	19.454	2695	2700	2707	rBV3	140503	229252	22.24%	1.465%
92	19.807	2757	2760	2768	rVB9	40202	68967	6.69%	0.441%
93	20.018	2792	2796	2800	rVV	74987	92255	8.95%	0.590%
94	20.071	2800	2805	2817	rVB	633248	1031008	100.00%	6.588%
95	20.553	2883	2887	2892	rVB	43108	57704	5.60%	0.369%
96	21.058	2970	2973	2976	rVB2	26888	29916	2.90%	0.191%
97	21.599	3060	3065	3074	rBV6	35603	83124	8.06%	0.531%
98	22.028	3131	3138	3156	rVB	342071	694413	67.35%	4.437%
99	25.294	3684	3694	3710	rVB2	305398	967218	93.81%	6.181%
100	25.541	3728	3736	3749	rVB2	171643	561205	54.43%	3.586%

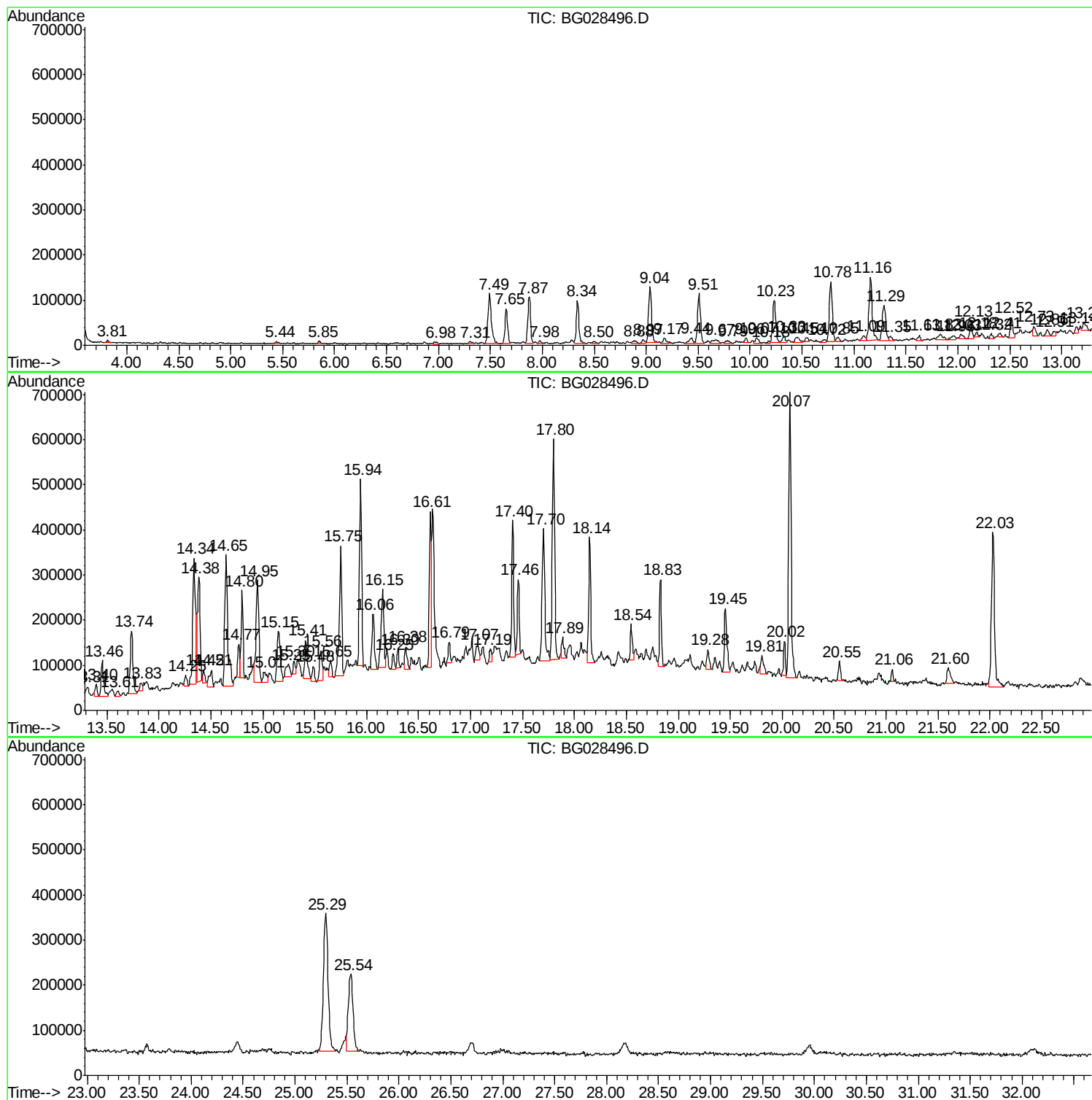
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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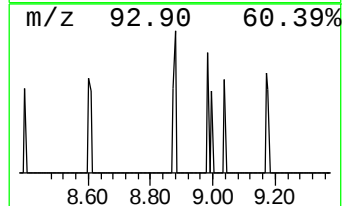
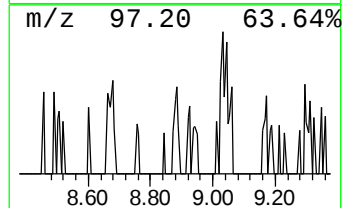
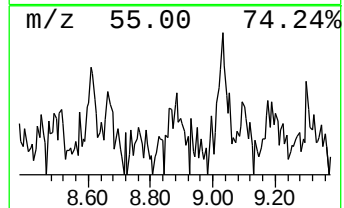
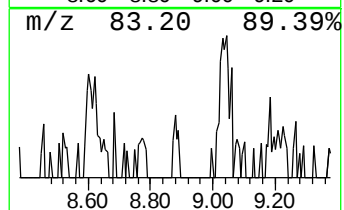
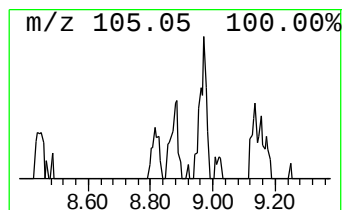
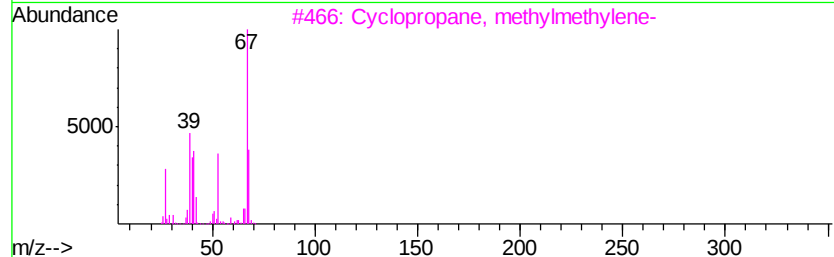
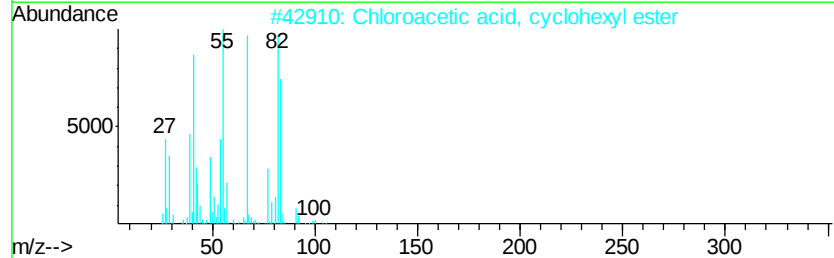
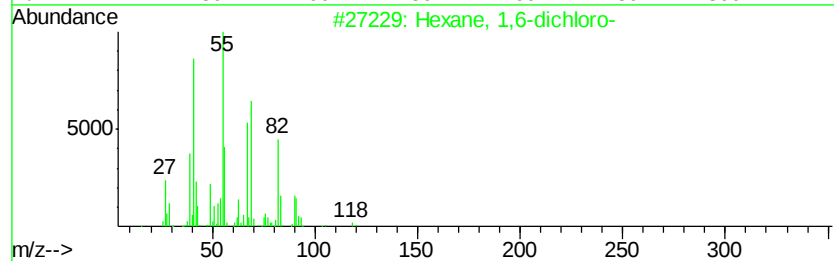
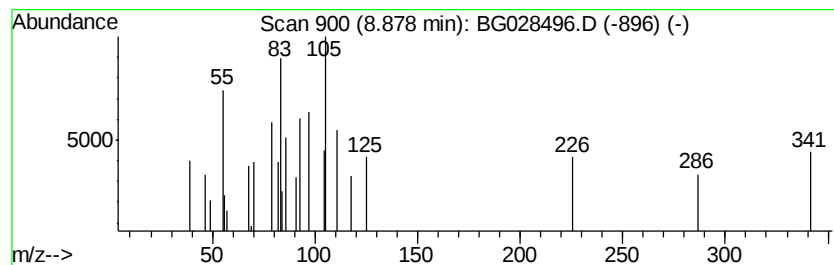
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.03 ng/ul	17879	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	25
2		Chloroacetic acid, cyclohexyl ester	176	C8H13ClO2	006975-91-3	25
3		Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	9
4		Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	9
5		2-Pentyne, 5-methoxy-	98	C6H10O	062108-18-3	9



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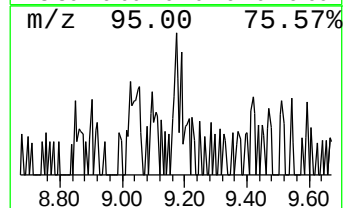
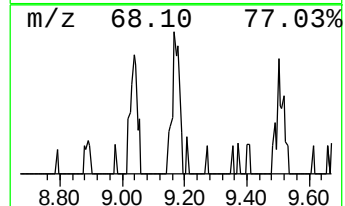
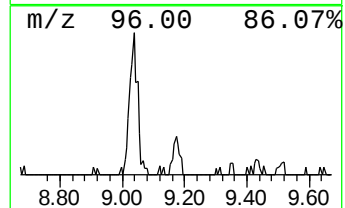
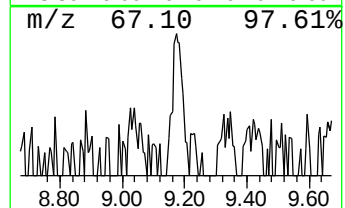
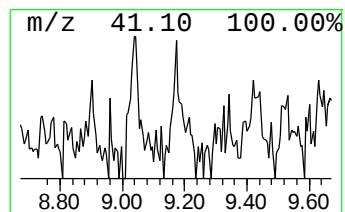
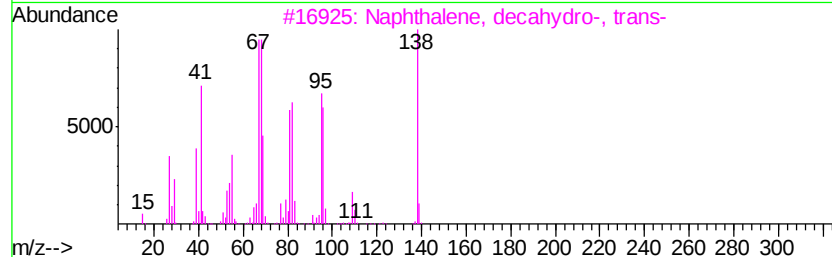
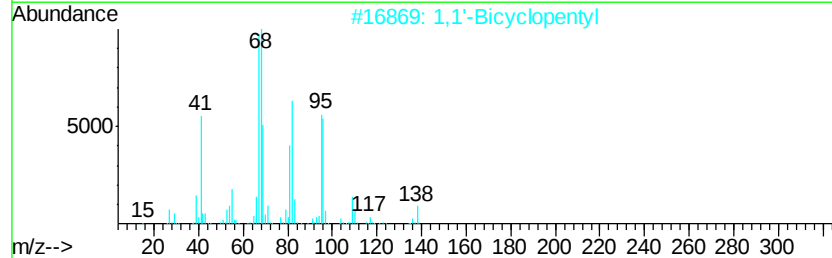
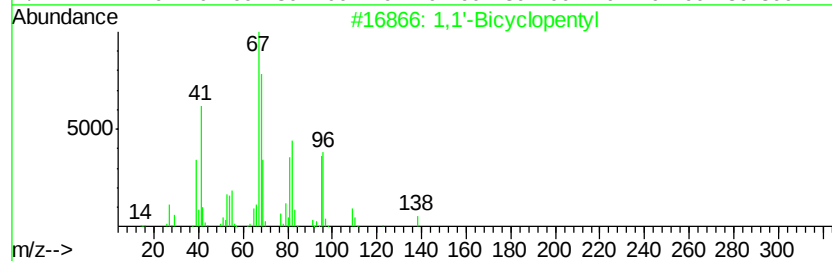
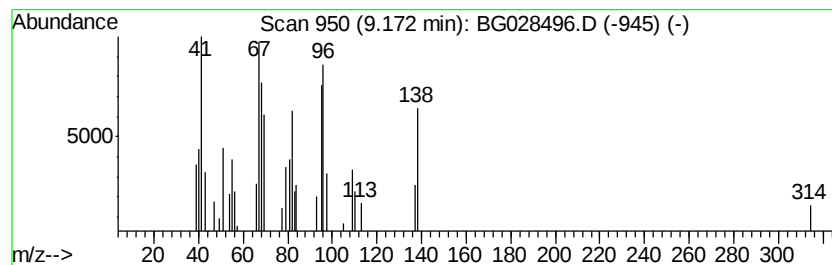
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Bicyclopentyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.55 ng/ul	22442	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81
2			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	59
4			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	58
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	52



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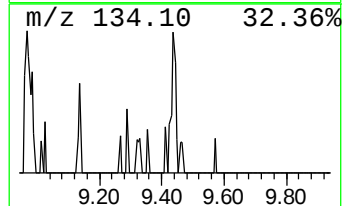
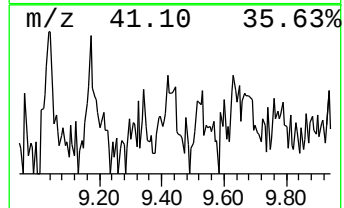
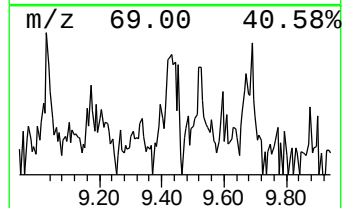
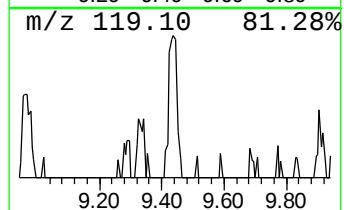
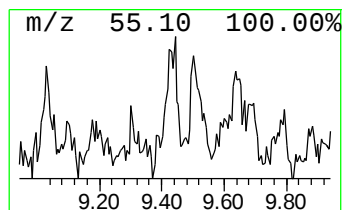
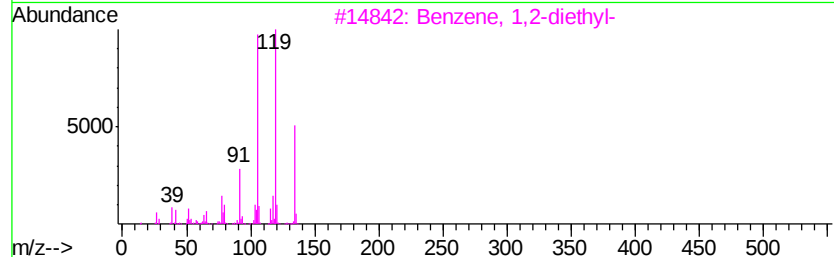
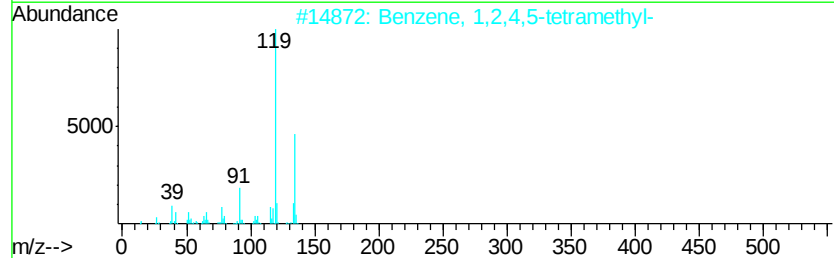
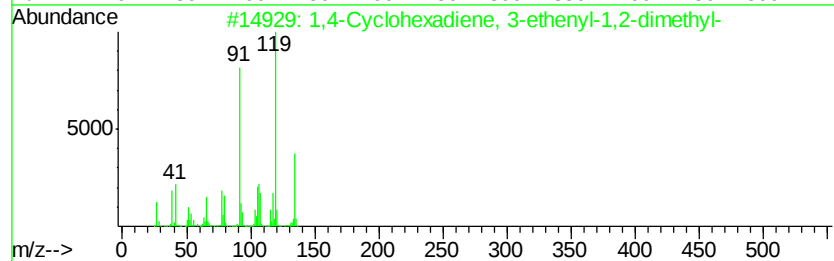
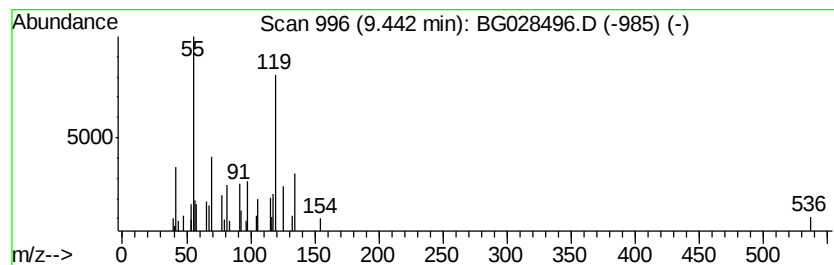
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Peak Number 3 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.27 ng/ul	28829	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	38
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	35
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	35
5			o-Cymene	134	C10H14	000527-84-4	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

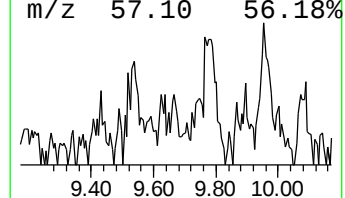
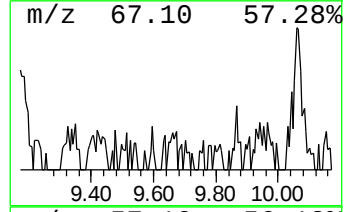
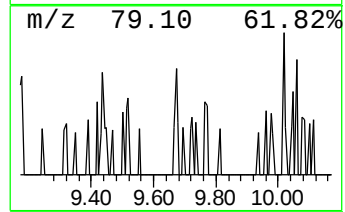
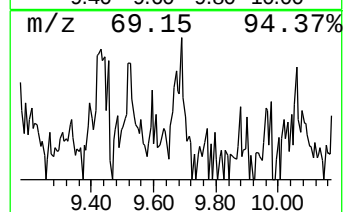
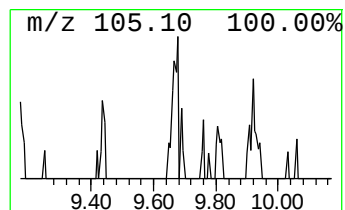
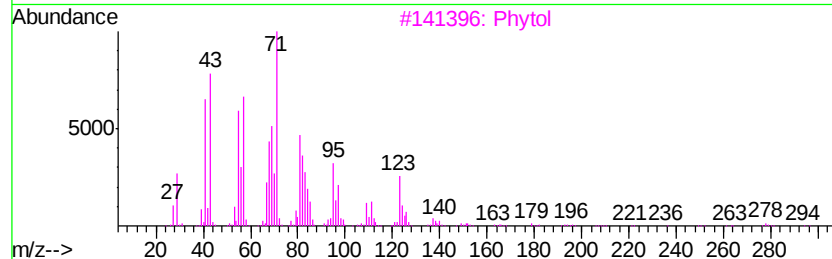
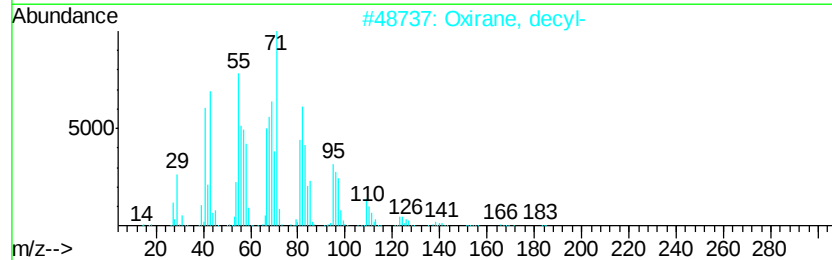
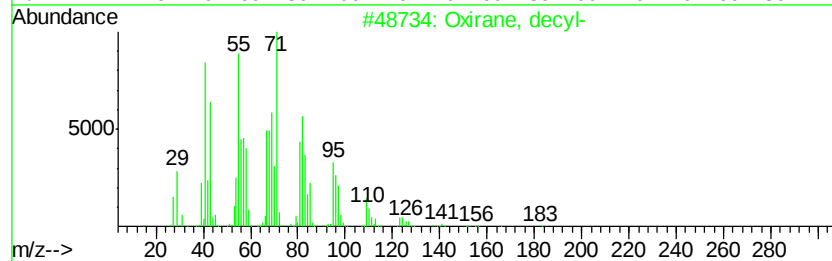
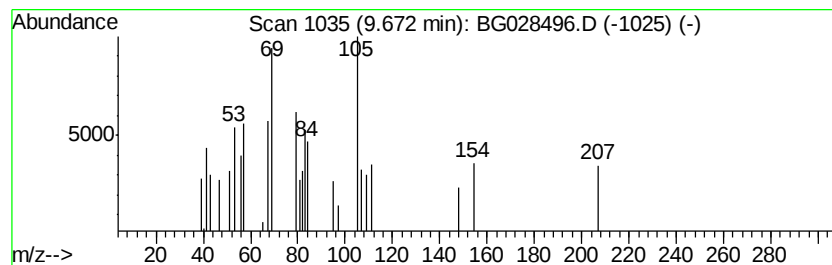
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.48 ng/ul	30640	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, decyl-	184	C12H24O	002855-19-8	38
2			Oxirane, decyl-	184	C12H24O	002855-19-8	38
3			Phytol	296	C20H40O	000150-86-7	17
4			1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	17
5			Z-10-Pentadecen-1-ol	226	C15H30O	1000245-48-5	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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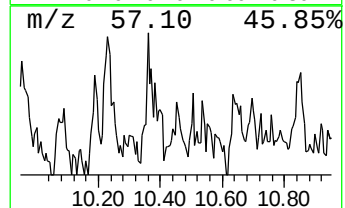
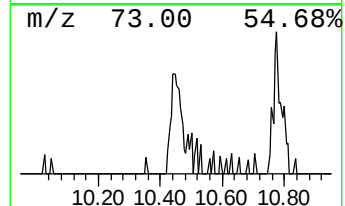
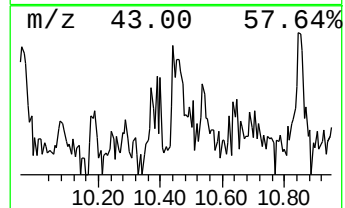
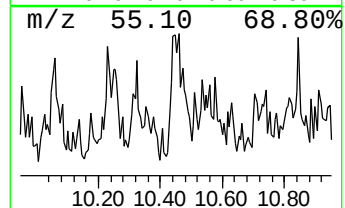
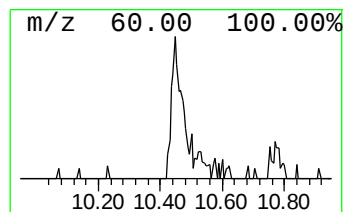
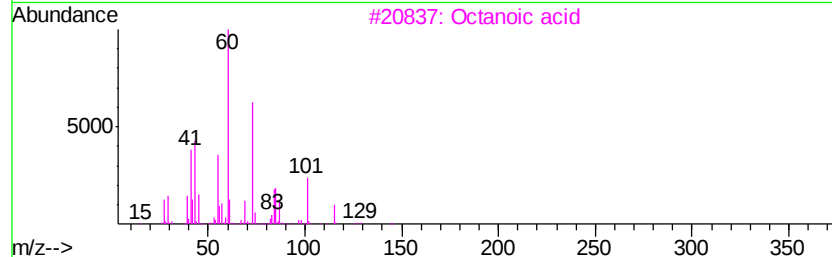
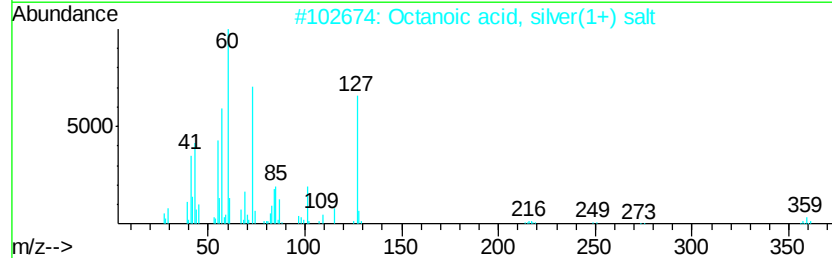
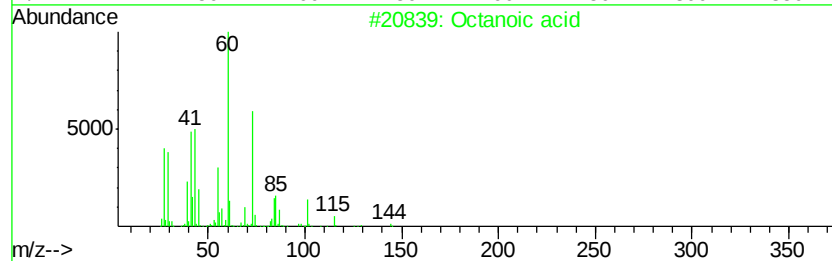
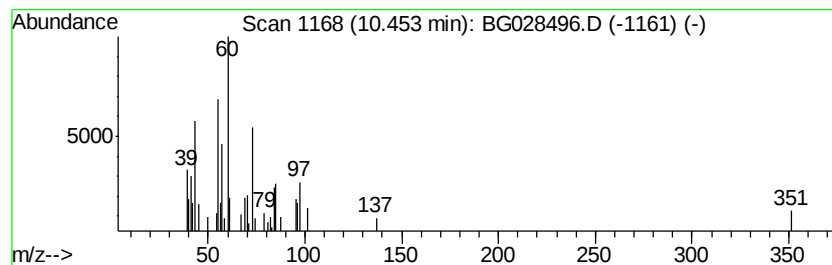
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.55 ng/ul	36858	Naphthalene-d8	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid		144	C8H16O2	000124-07-2	43
2	Octanoic acid, silver(1+) salt		250	C8H15AgO2	024927-67-1	37
3	Octanoic acid		144	C8H16O2	000124-07-2	37
4	3-Methyl-hexanoic acid		130	C7H14O2	1000365-65-4	35
5	Hexanoic acid		116	C6H12O2	000142-62-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
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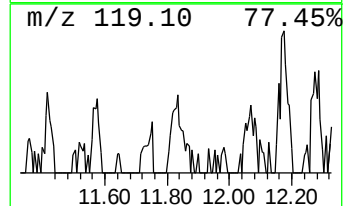
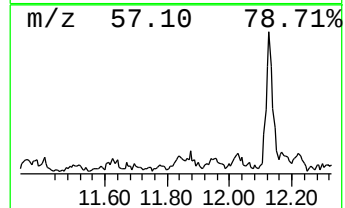
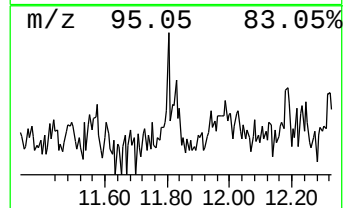
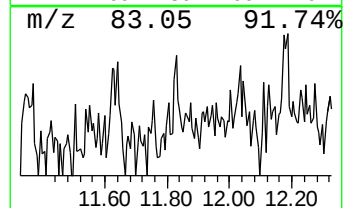
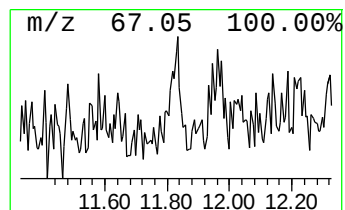
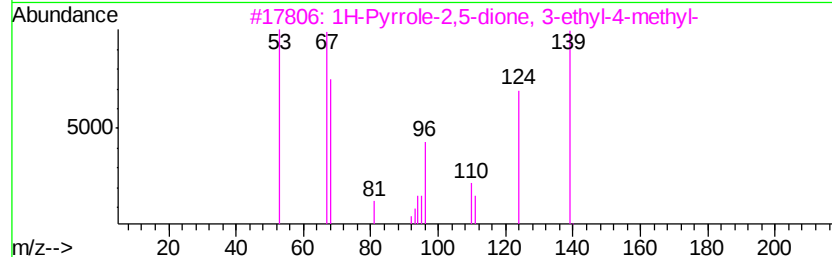
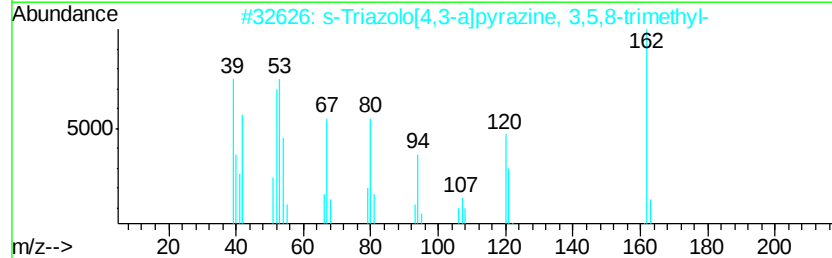
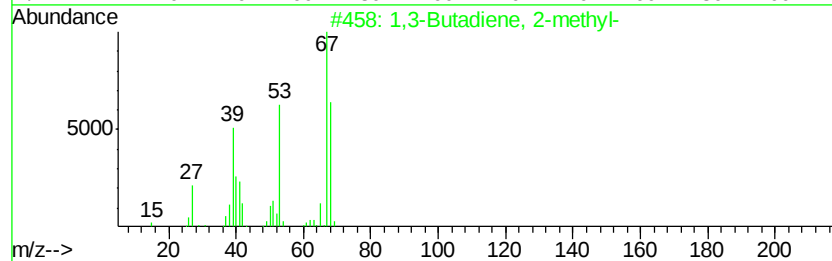
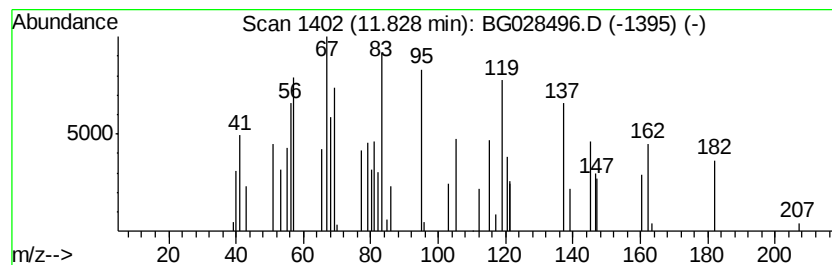
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.47 ng/ul	35671	Naphthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	27
2		s-Triazolo[4,3-a]pyrazine, 3,5,8...	162	C8H10N4	019848-79-4	27
3		1H-Pyrrole-2,5-dione, 3-ethyl-4-...	139	C7H9N02	020189-42-8	22
4		s-Triazolo[4,3-a]pyrazine, 3-eth...	162	C8H10N4	019848-80-7	22
5		Cyclopentanol, 1-(1-methylene-2-...	138	C9H14O	078158-11-9	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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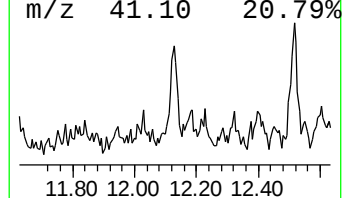
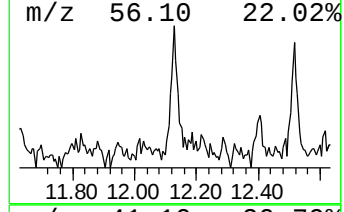
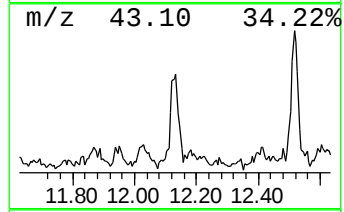
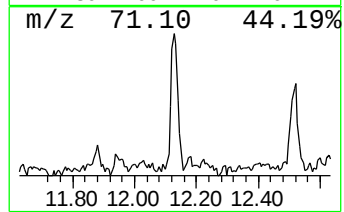
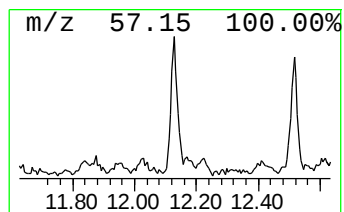
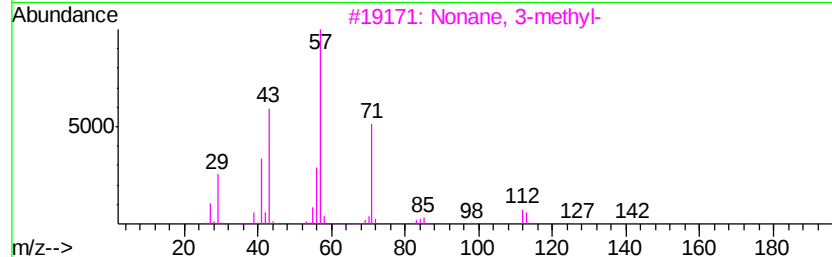
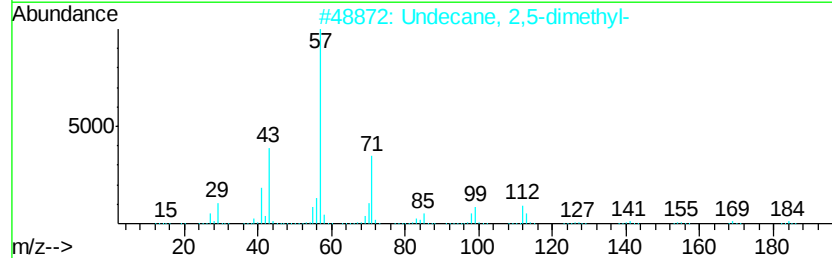
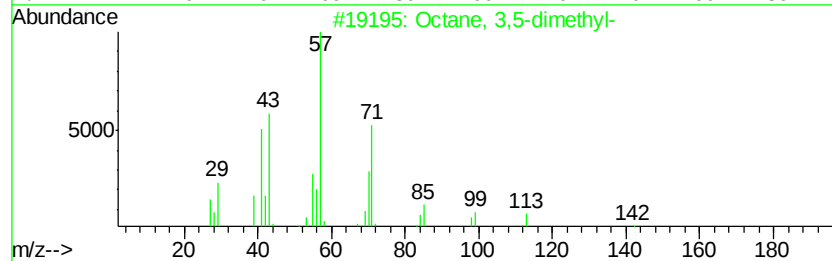
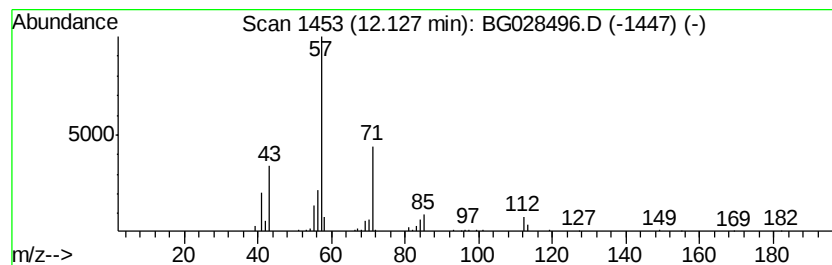
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.52 ng/ul	65330	Napthalene-d8	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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ClientSampleId :
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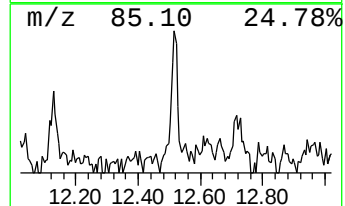
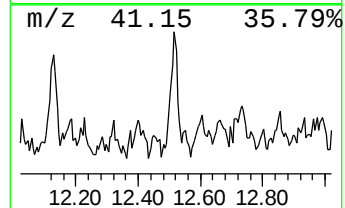
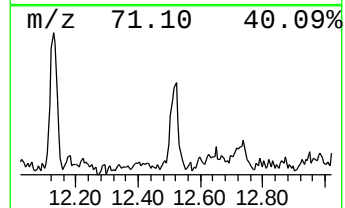
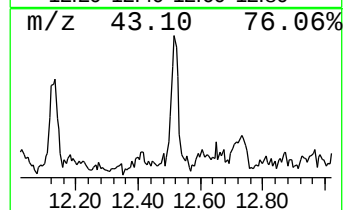
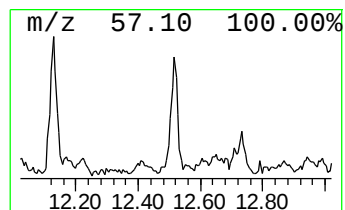
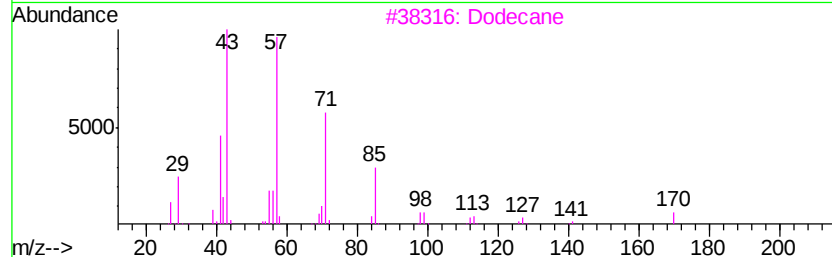
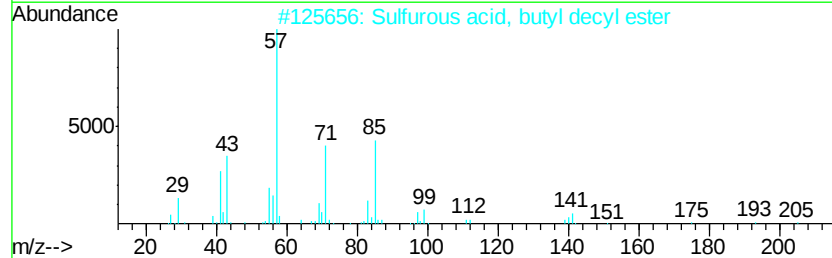
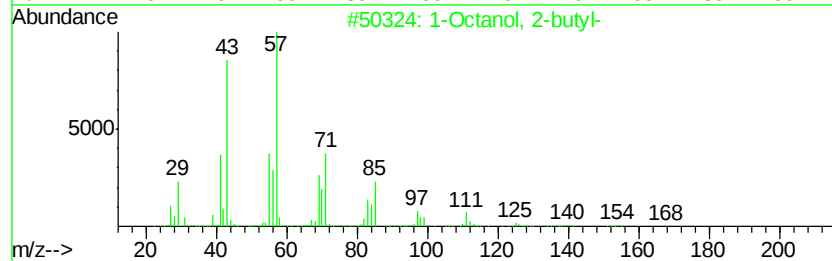
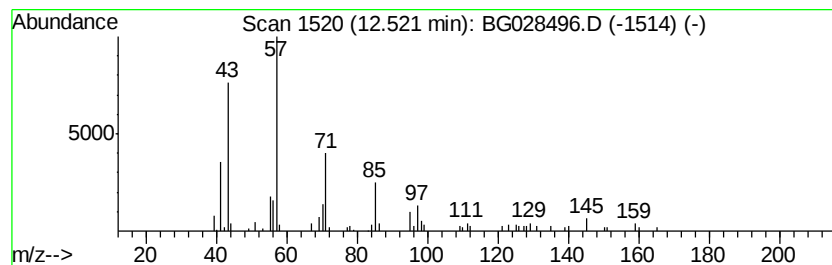
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Octanol, 2-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.86 ng/ul	70143	Napthalene-d8	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
3		Dodecane	170	C12H26	000112-40-3	53
4		Tridecane	184	C13H28	000629-50-5	52
5		Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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Misc :
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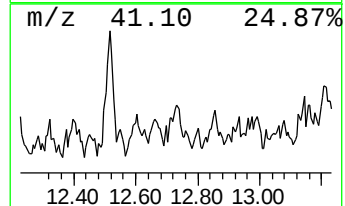
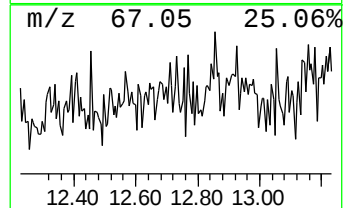
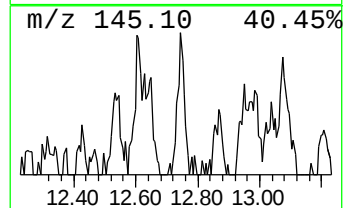
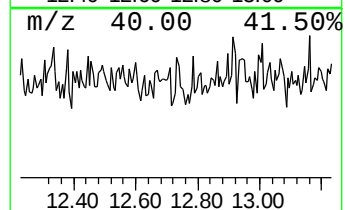
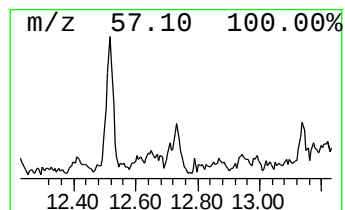
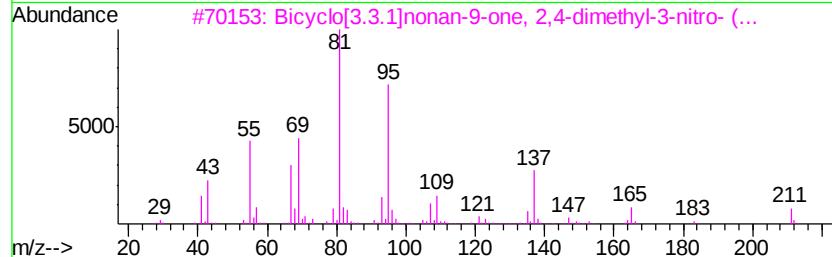
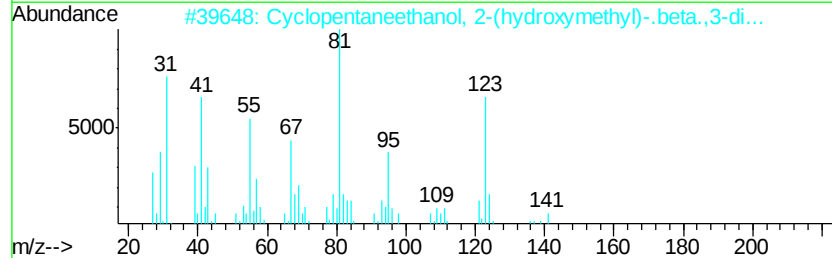
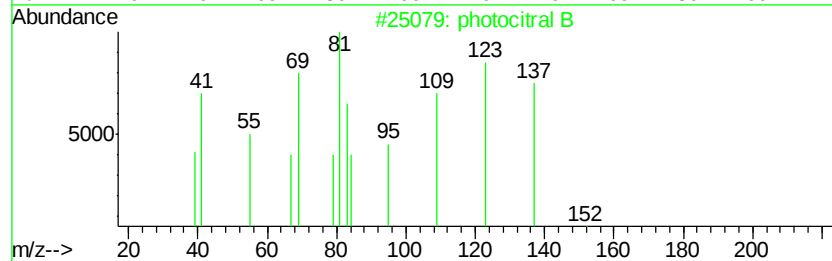
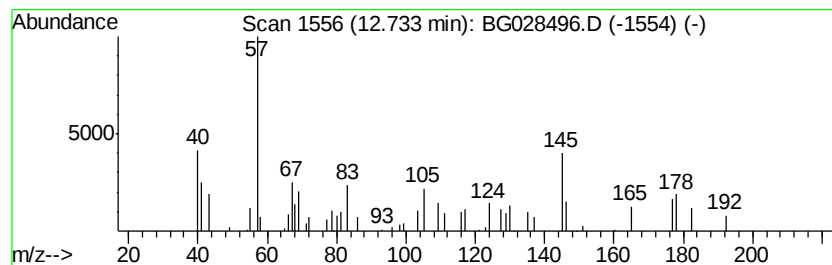
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-06 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.33 ng/ul	33617	Naphthalene-d8	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		photocitral B	152 C10H16O	006040-45-5 11
2		Cyclopentaneethanol, 2-(hydroxym...	172 C10H20O2	000485-42-7 10
3		Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211 C11H17NO3	129967-64-2 10
4		Boron, [.mu.-(3,5-dimethyl-1H-py...	250 C13H28B2N2O	120610-79-9 10
5		4-Ethenylhexahydro-4,7a-dimethyl...	194 C12H18O2	086003-24-9 10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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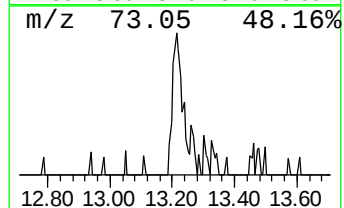
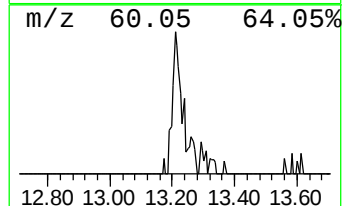
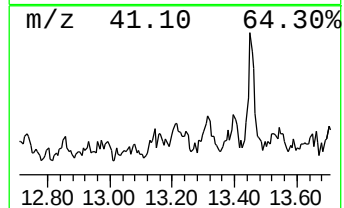
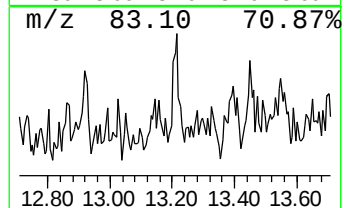
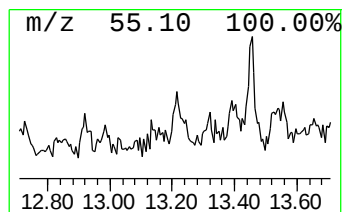
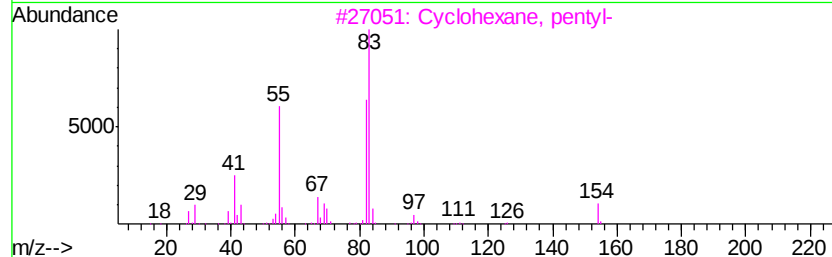
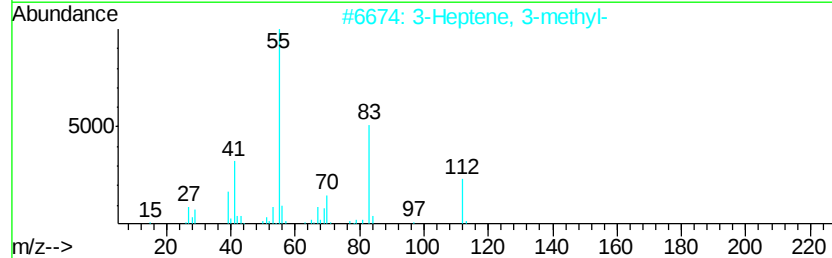
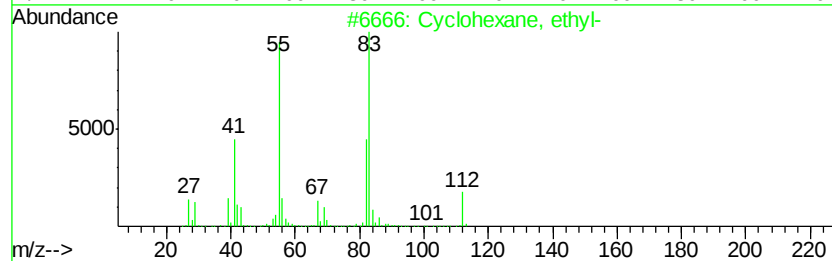
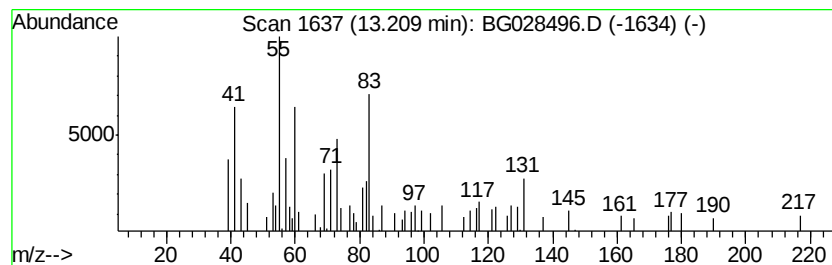
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic13.21 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.02 ng/ul	42164	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	11
2			3-Heptene, 3-methyl-	112	C8H16	007300-03-0	11
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	11
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	11
5			3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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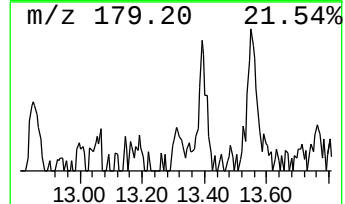
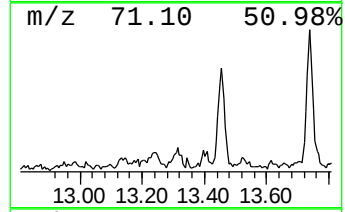
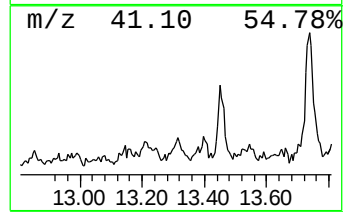
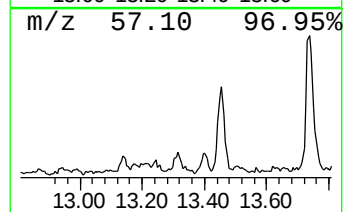
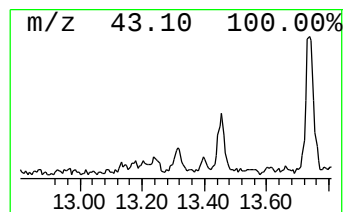
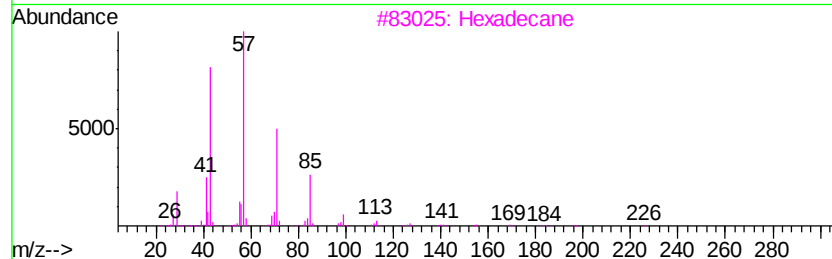
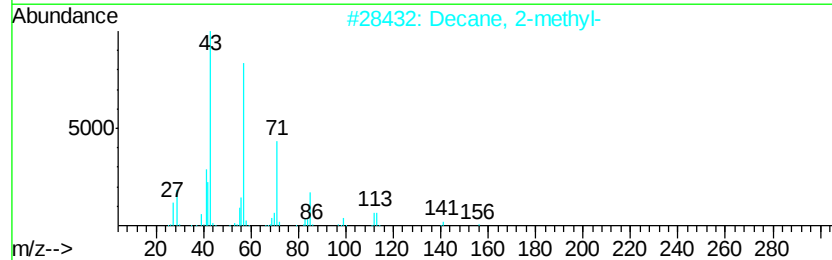
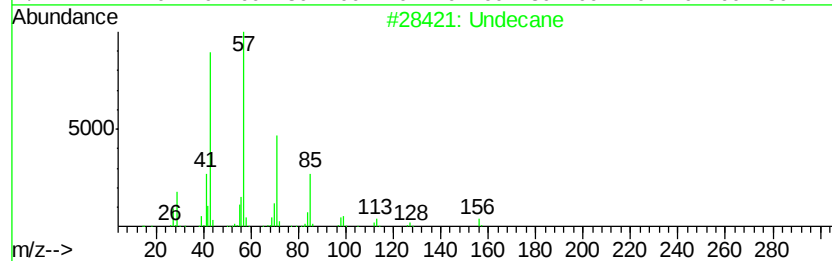
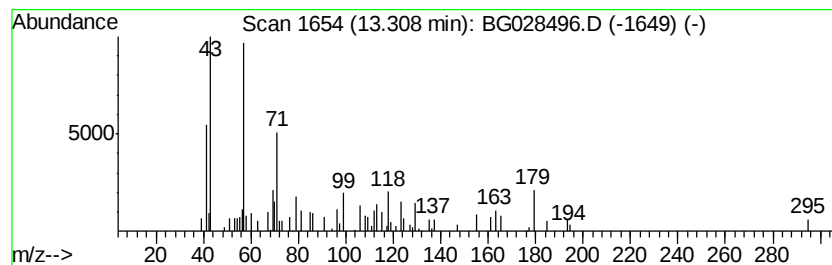
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.02 ng/ul	42256	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	47
2		Decane, 2-methyl-	156	C11H24	006975-98-0	47
3		Hexadecane	226	C16H34	000544-76-3	47
4		Undecane	156	C11H24	001120-21-4	47
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Sample : I4885-04
Misc :
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Instrument :
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ClientSampleId :
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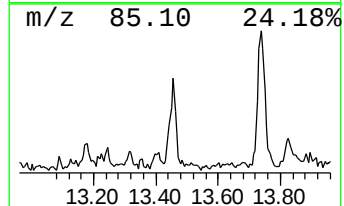
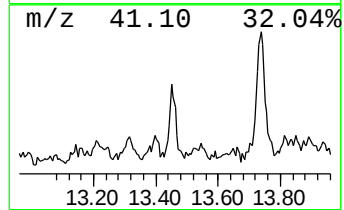
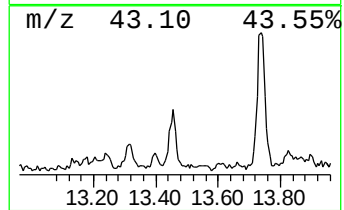
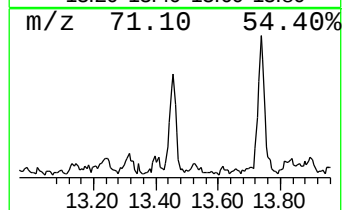
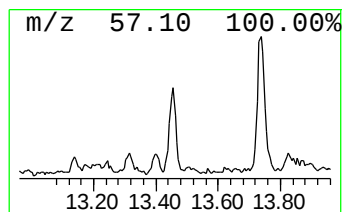
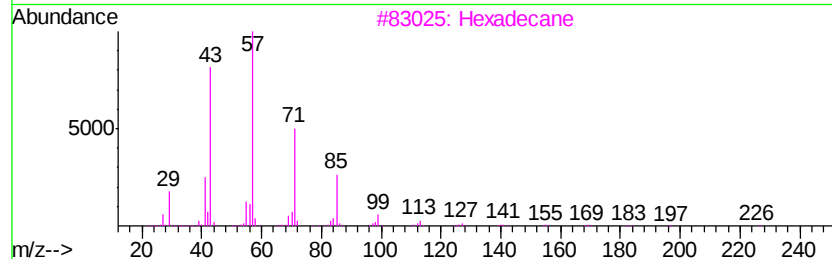
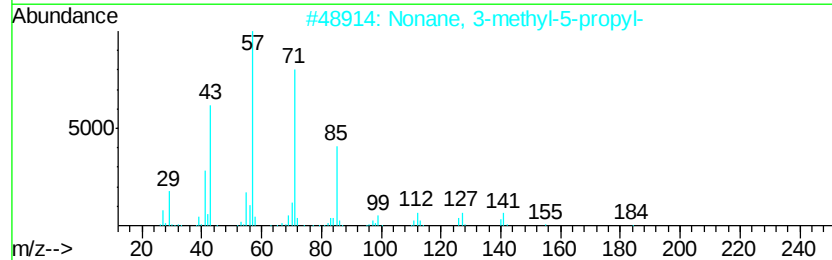
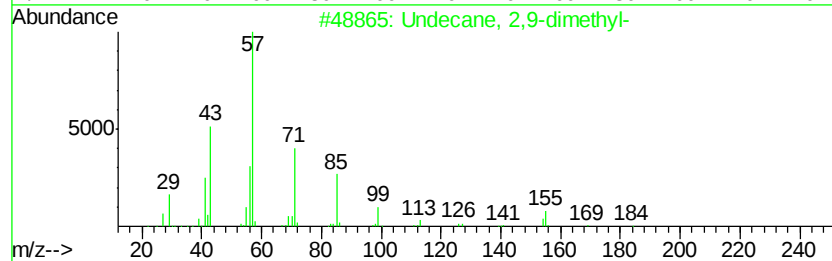
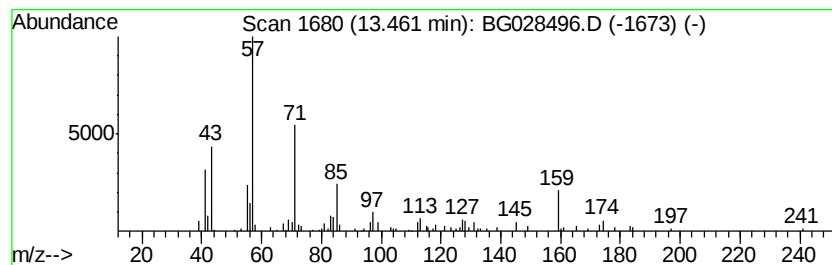
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	6.42 ng/ul	134063	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3			Hexadecane	226	C16H34	000544-76-3	50
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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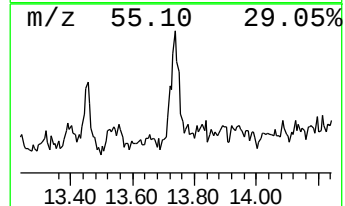
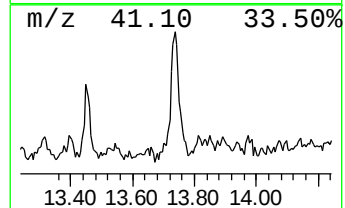
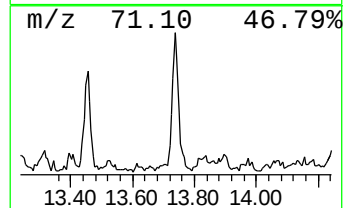
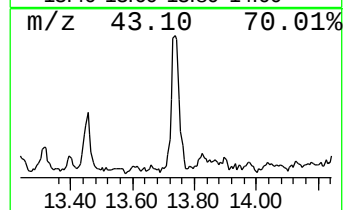
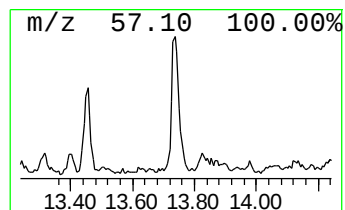
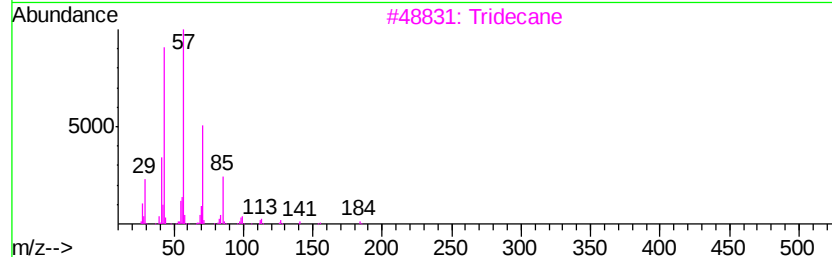
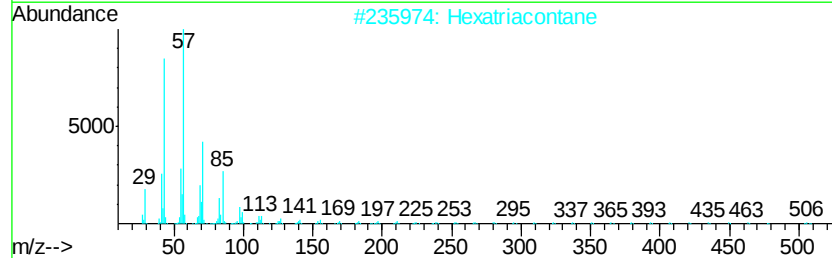
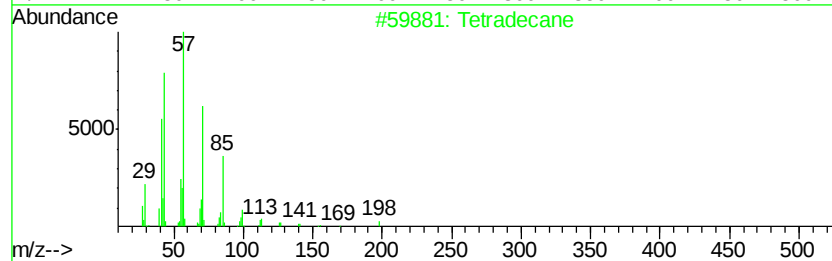
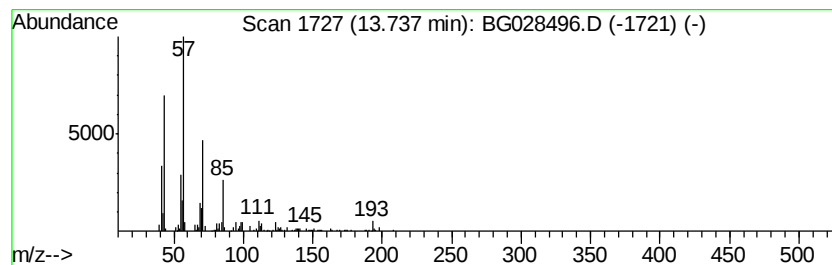
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	11.65 ng/ul	243385	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Hexatriacontane	507	C36H74	000630-06-8	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
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ClientSampleId :
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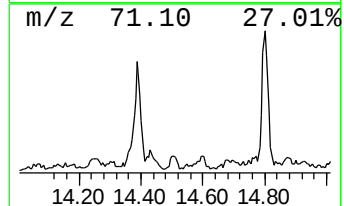
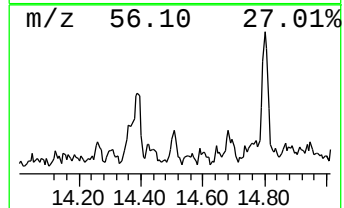
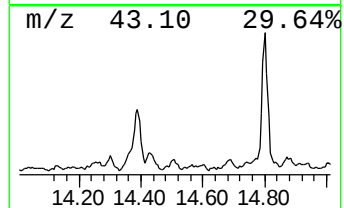
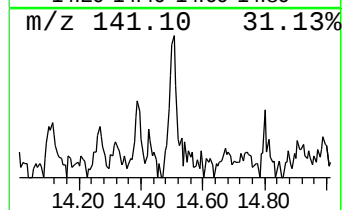
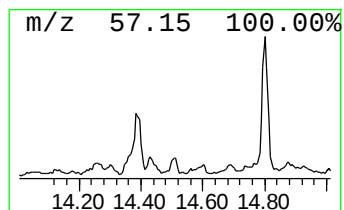
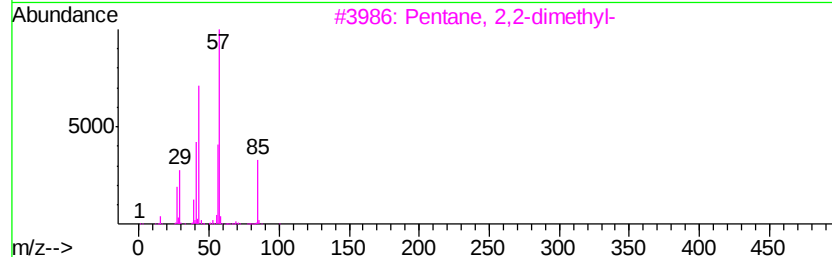
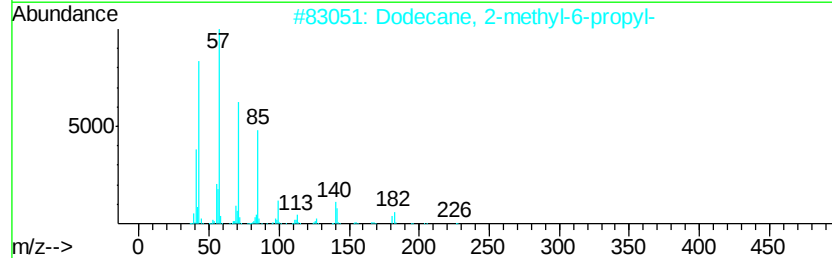
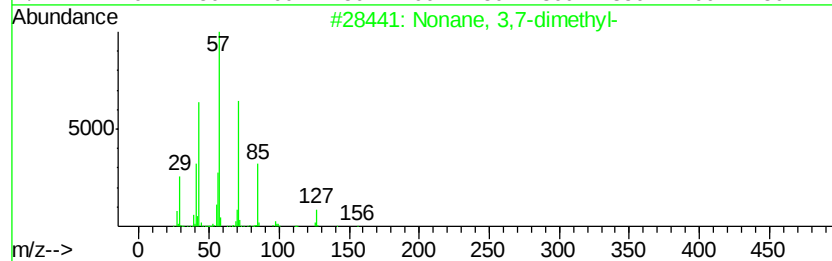
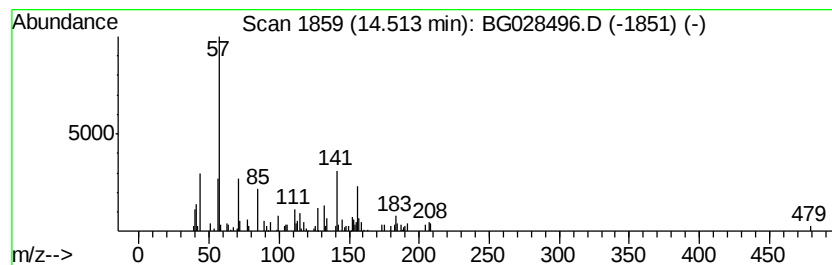
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.73 ng/ul	77929	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	22
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22
4			2- Bromopropionic acid, tridecyl...	334	C16H31BrO2	1000292-43-9	22
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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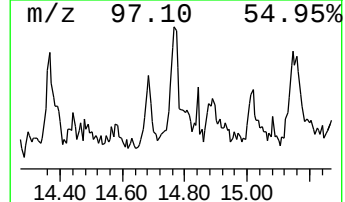
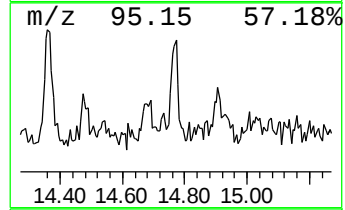
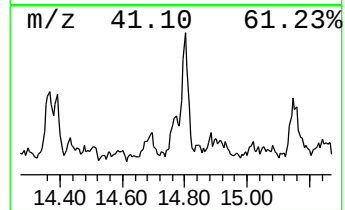
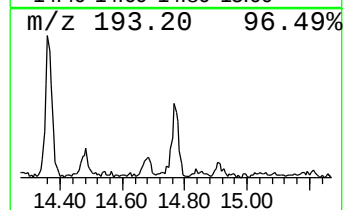
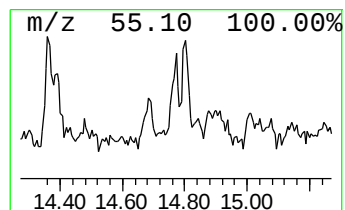
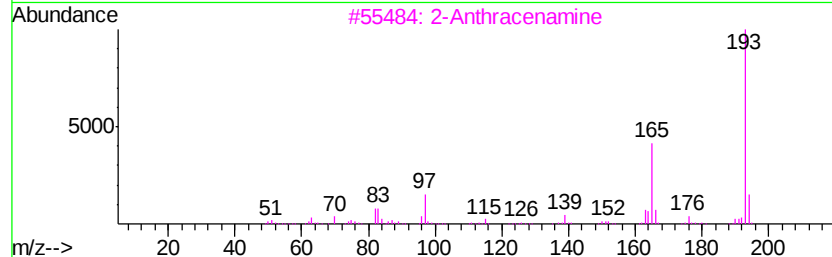
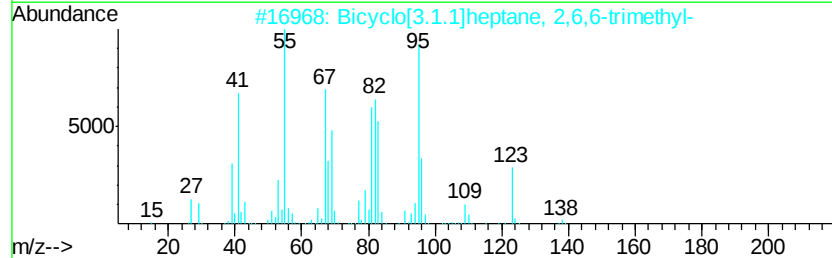
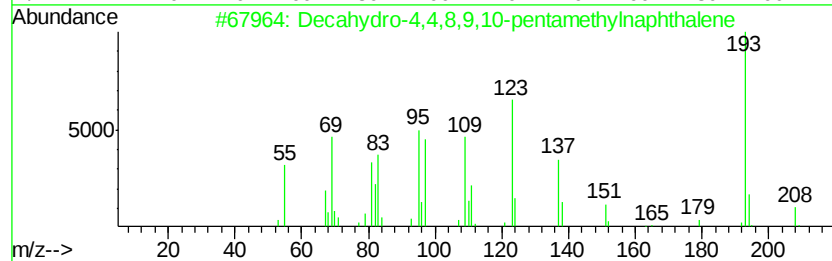
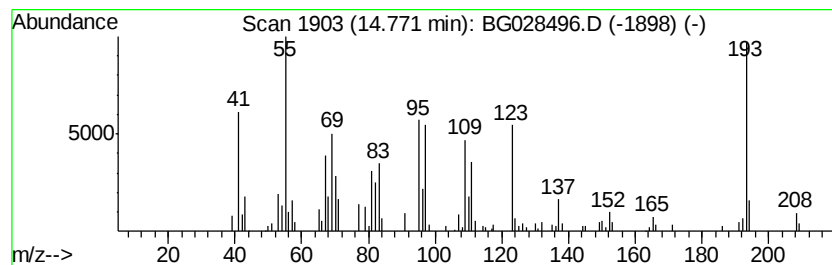
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.41 ng/ul	113049	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
3			2-Anthracenamine	193	C14H11N	000613-13-8	38
4			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
5			2-Anthracenamine	193	C14H11N	000613-13-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Sample : I4885-04
Misc :
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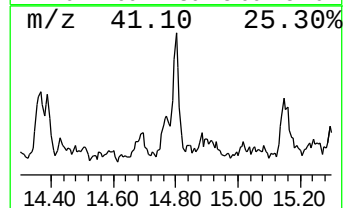
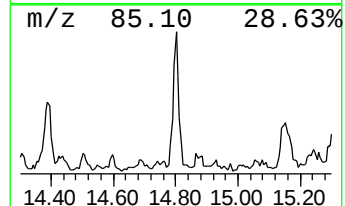
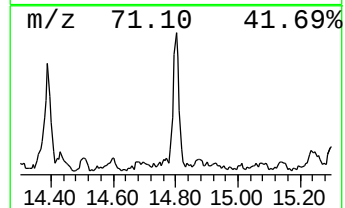
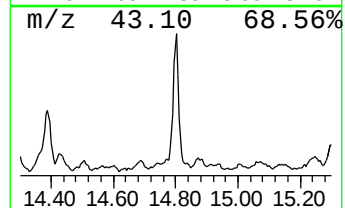
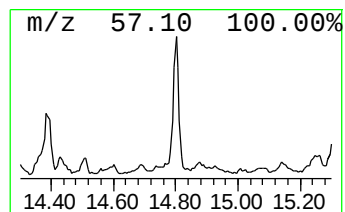
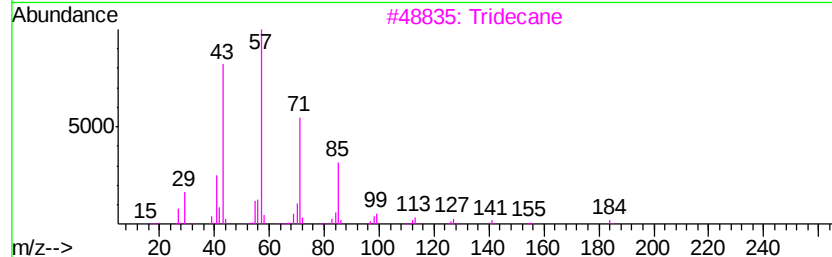
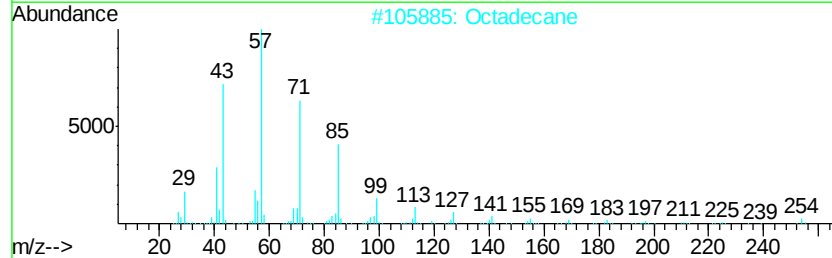
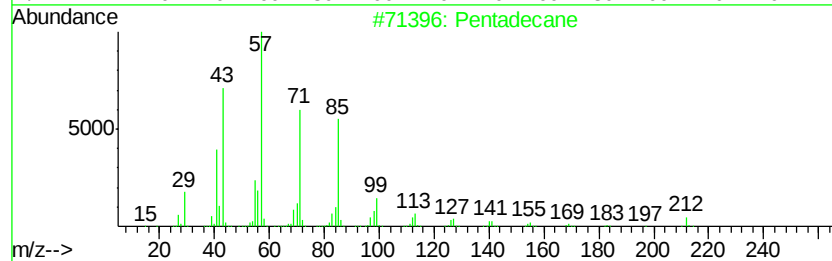
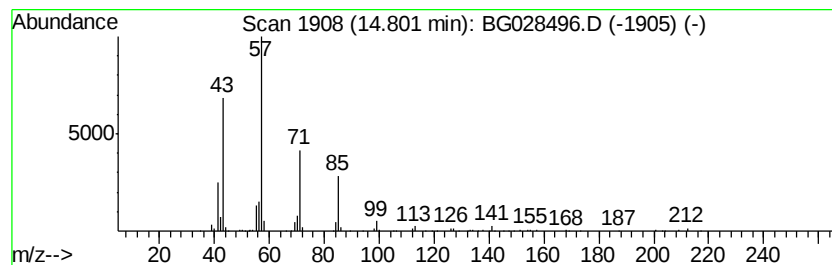
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	11.01 ng/ul	230089	Acenaphthene-d10	14.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Octadecane	254	C18H38	000593-45-3	78
3	Tridecane	184	C13H28	000629-50-5	78
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
5	Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
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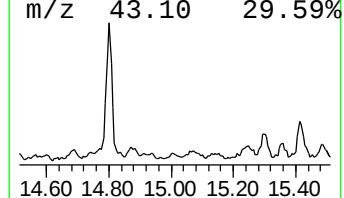
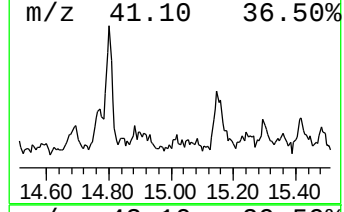
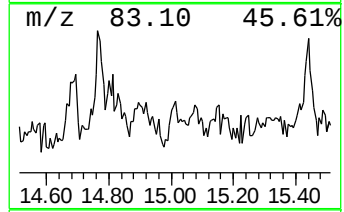
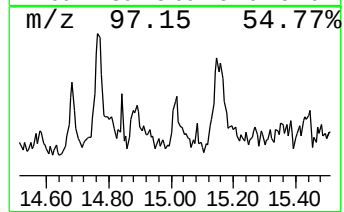
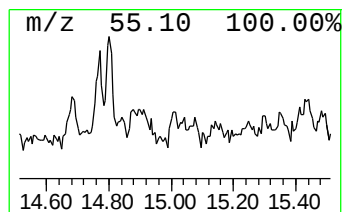
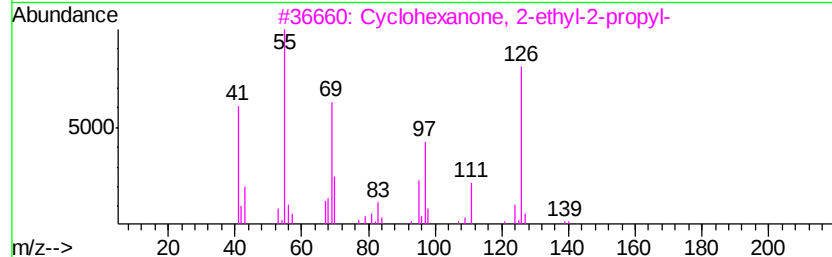
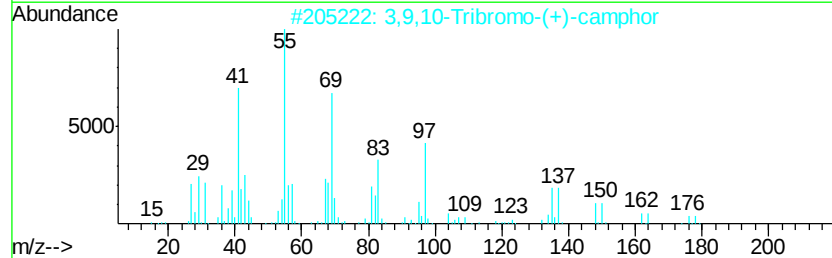
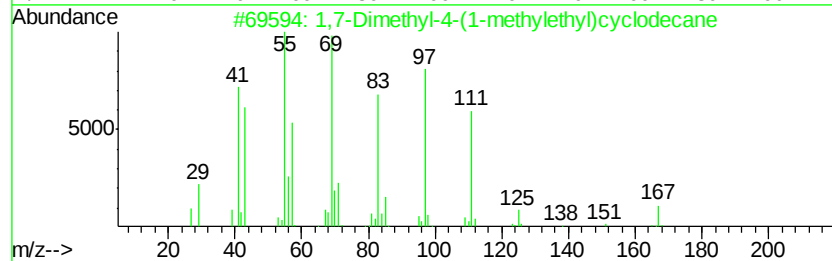
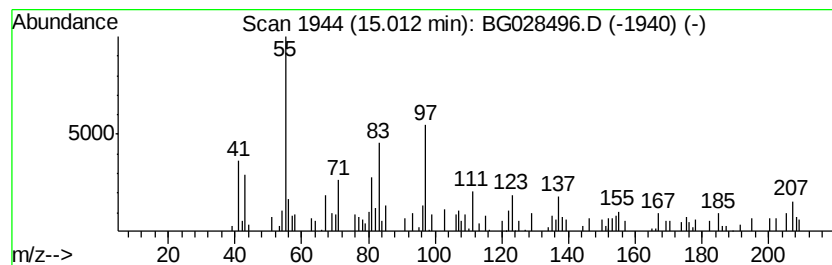
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic15.01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.83 ng/ul	59215	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	32
2			3,9,10-Tribromo-(+)-camphor	386	C10H13Br3O	085706-52-1	25
3			Cyclohexanone, 2-ethyl-2-propyl-	168	C11H20O	055283-56-2	25
4			Chloromethyl 9-chloroundecanoate	268	C12H22Cl2O2	080418-95-7	25
5			2-Octenal, 2-butyl-	182	C12H22O	013019-16-4	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

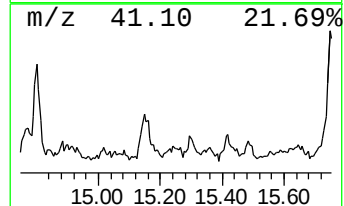
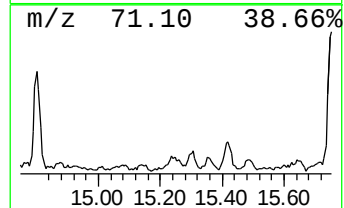
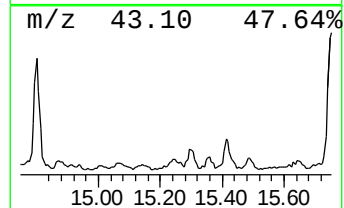
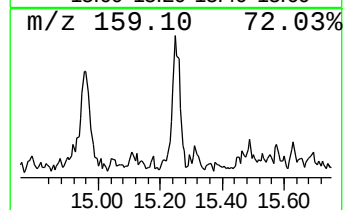
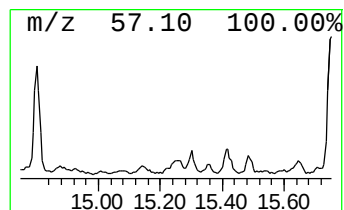
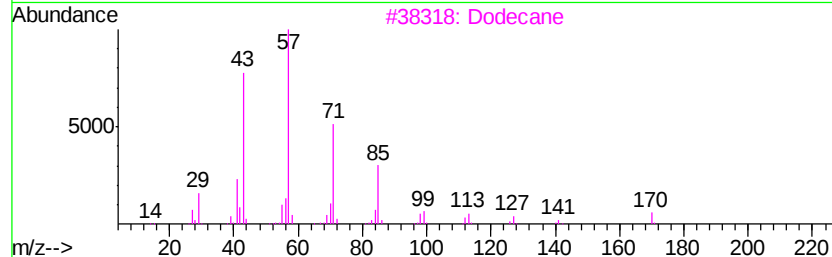
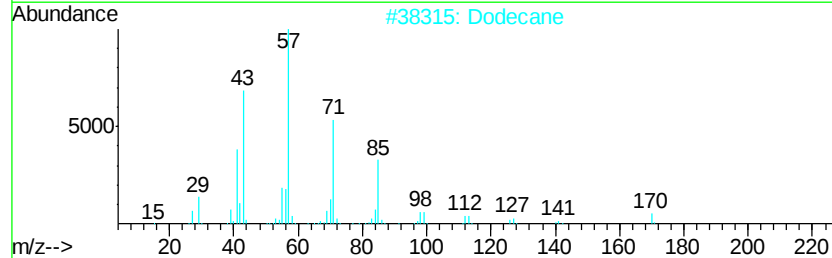
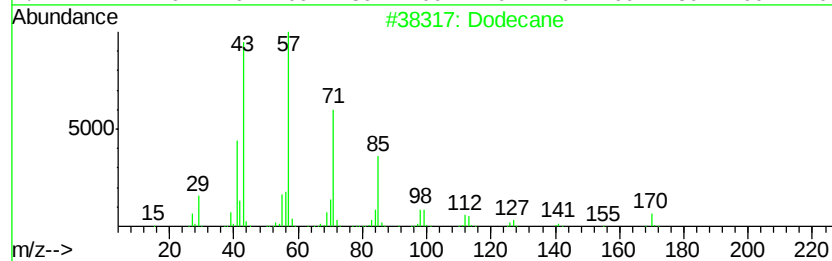
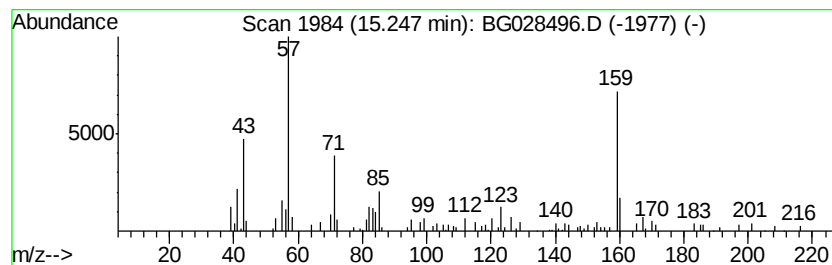
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.67 ng/ul	76659	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane			170	C12H26	000112-40-3	45
2	Dodecane			170	C12H26	000112-40-3	45
3	Dodecane			170	C12H26	000112-40-3	45
4	Ethanol, 2-(dodecyloxy)-			230	C14H30O2	004536-30-5	38
5	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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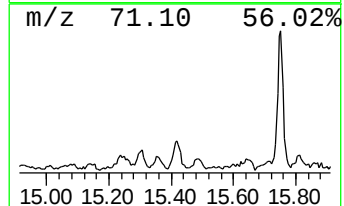
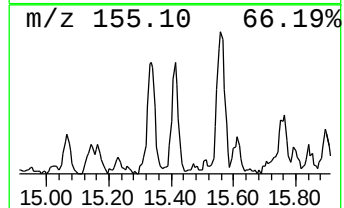
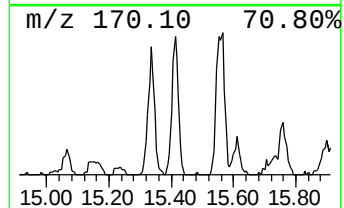
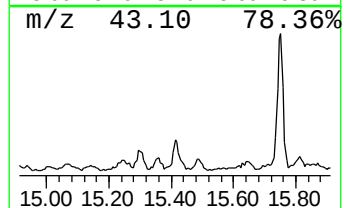
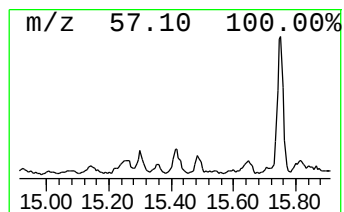
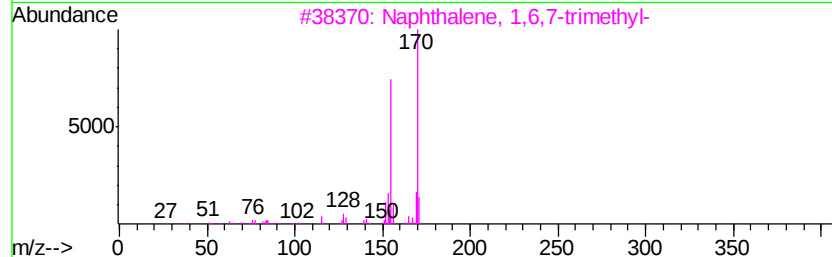
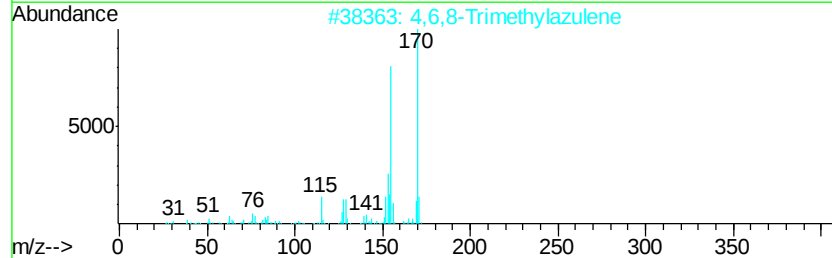
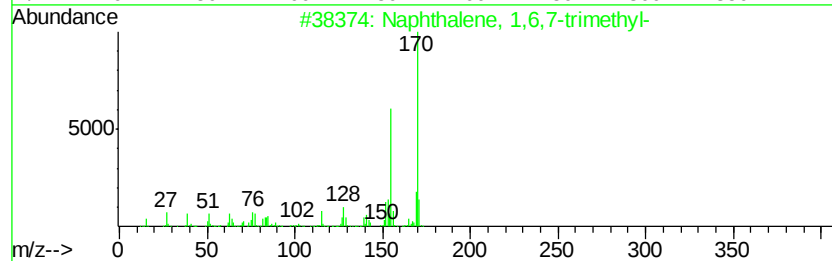
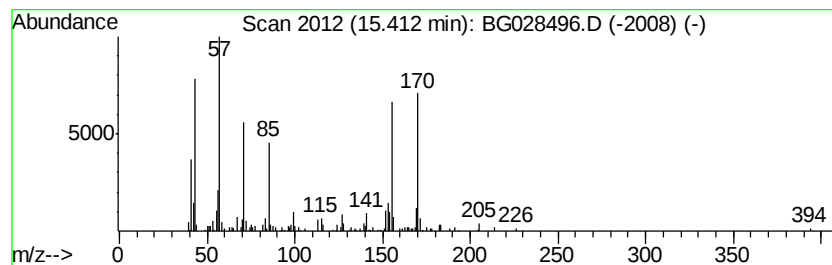
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	7.22 ng/ul	150834	Acenaphthene-d10	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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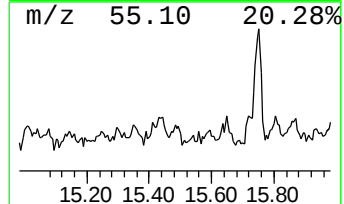
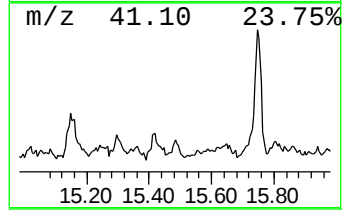
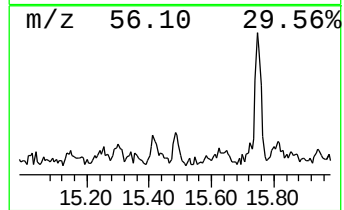
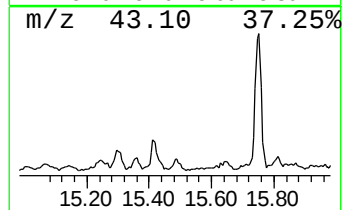
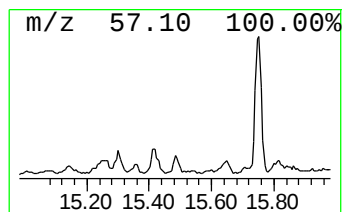
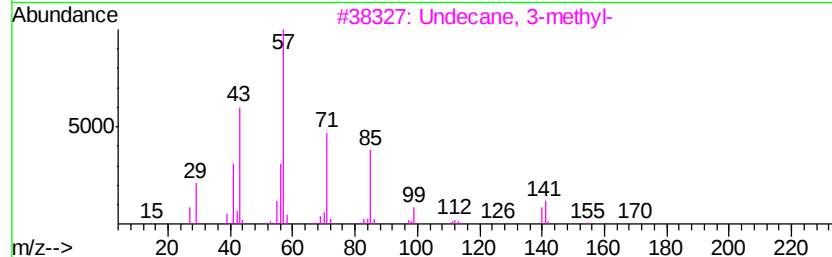
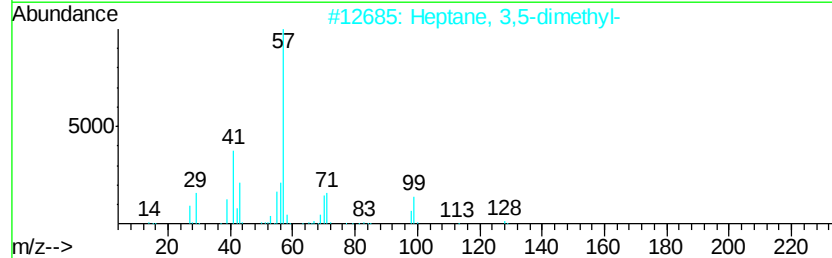
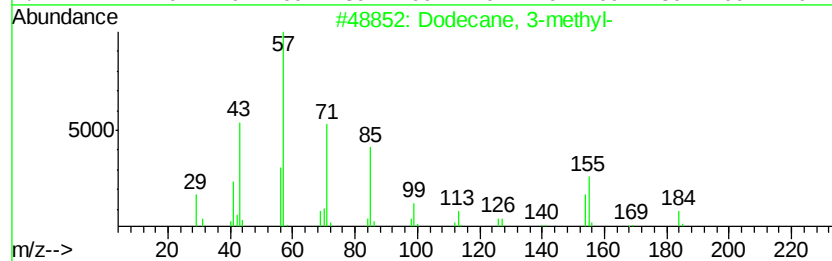
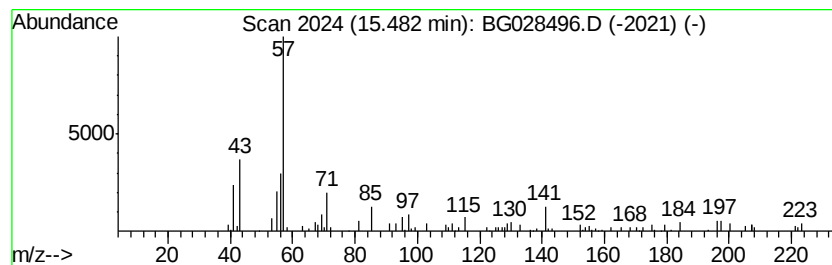
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.49 ng/ul	51942	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4		Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	38
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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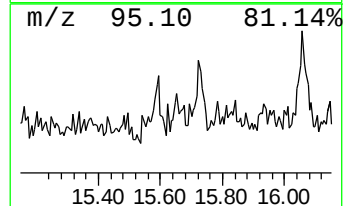
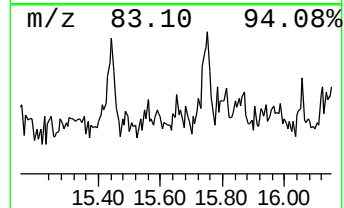
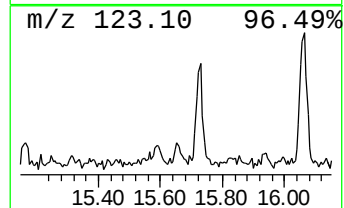
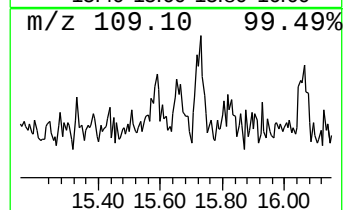
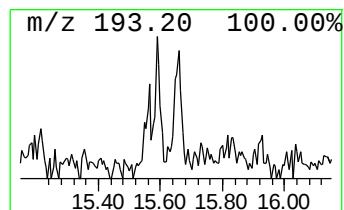
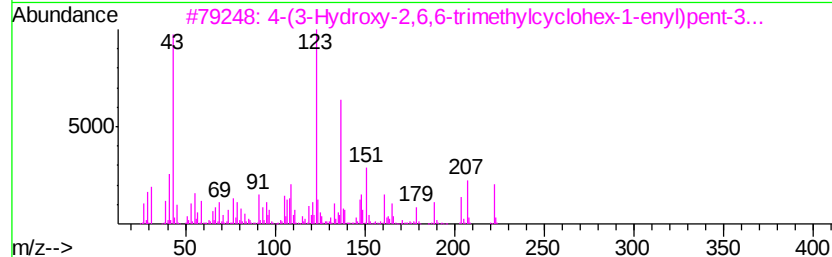
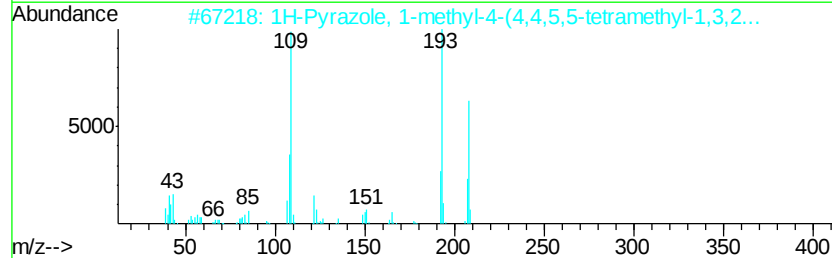
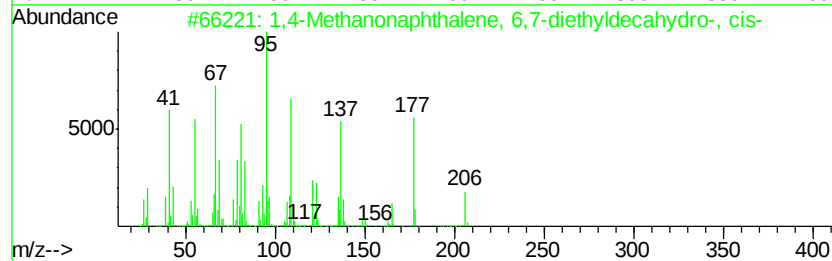
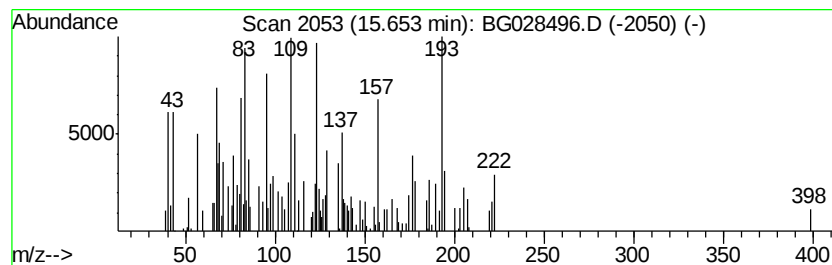
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.25 ng/ul	47006	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	27
2		1H-Pyrazole, 1-methyl-4-(4,4,5,5...	208	C10H17BN2O2	1000319-69-0	22
3		4-(3-Hydroxy-2,6,6-trimethylcycl...	222	C14H22O2	097306-57-5	18
4		2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	14
5		3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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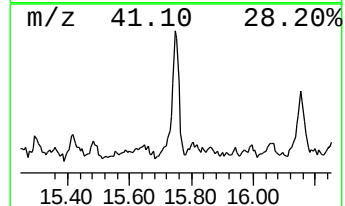
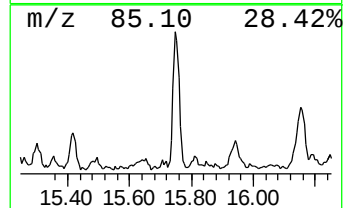
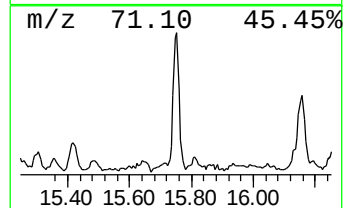
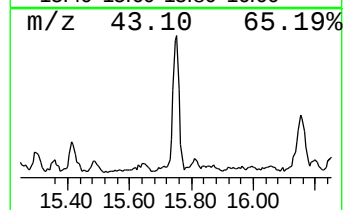
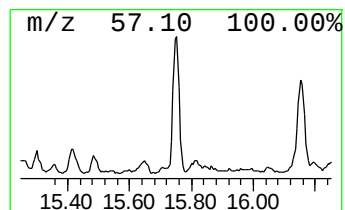
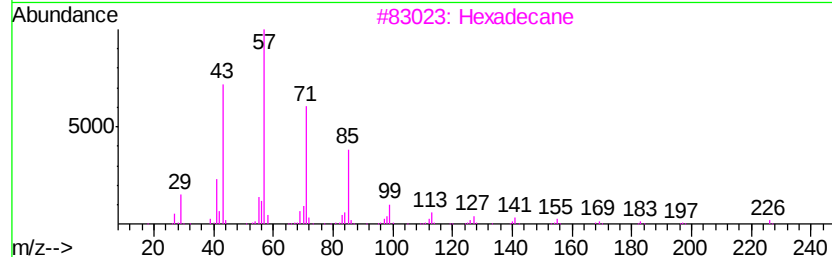
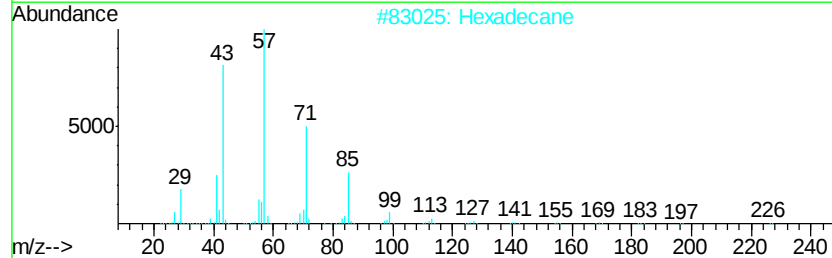
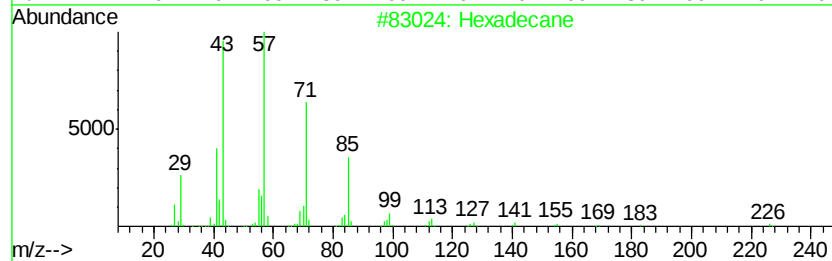
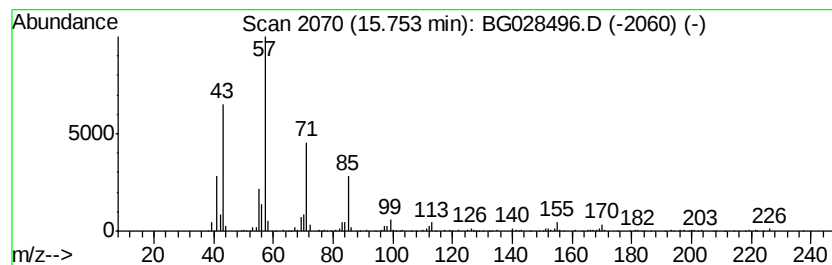
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	22.04 ng/ul	460446	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Hexadecane	226	C16H34	000544-76-3	81
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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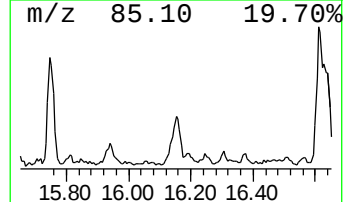
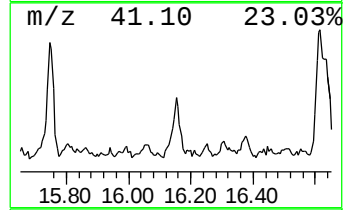
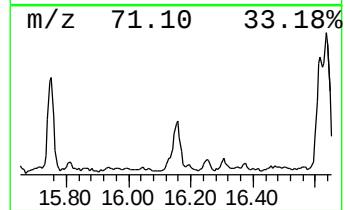
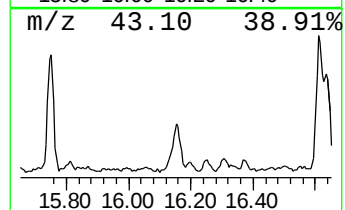
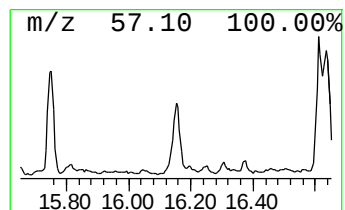
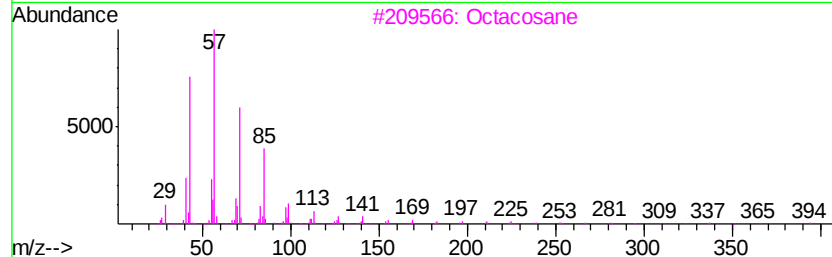
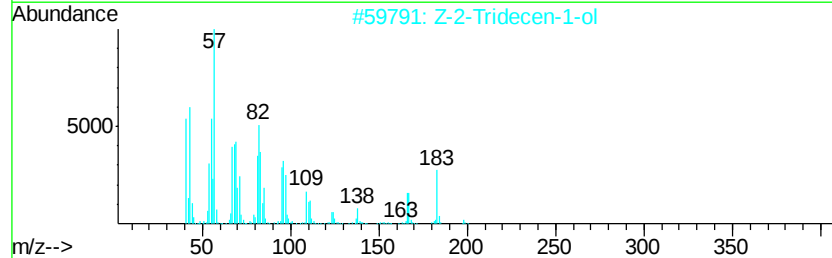
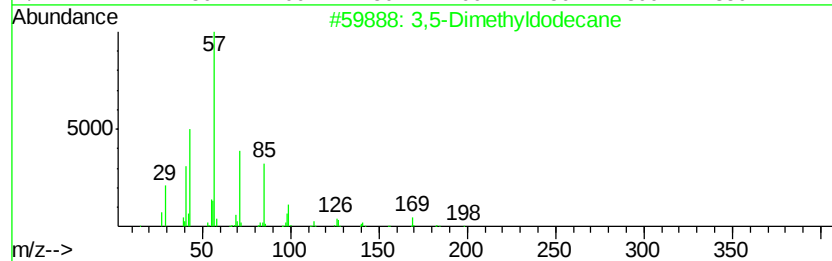
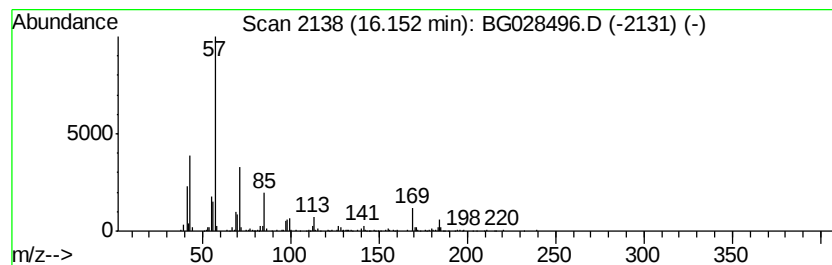
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	14.83 ng/ul	309868	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
2		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	86
3		Octacosane	394	C28H58	000630-02-4	58
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

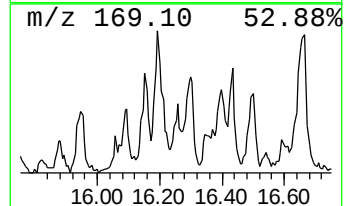
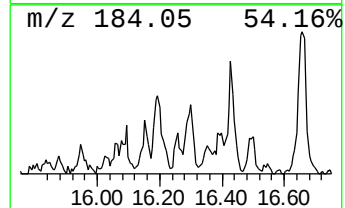
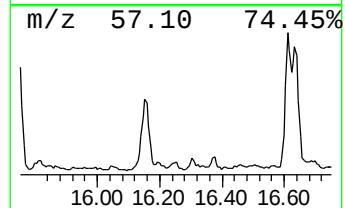
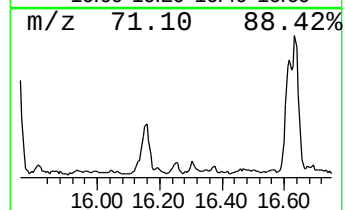
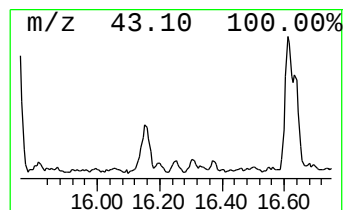
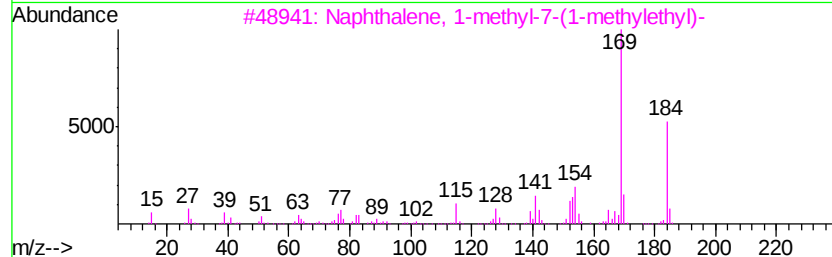
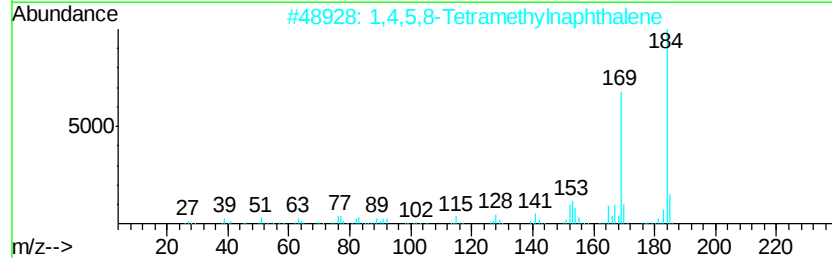
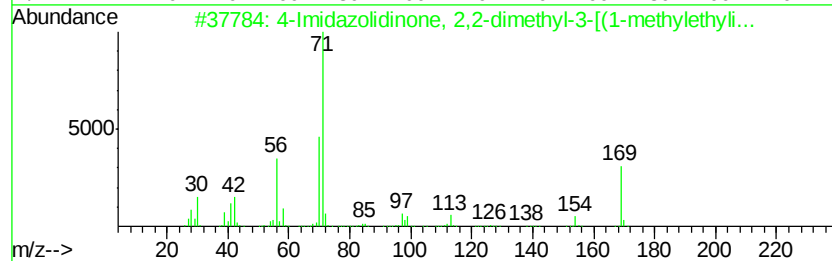
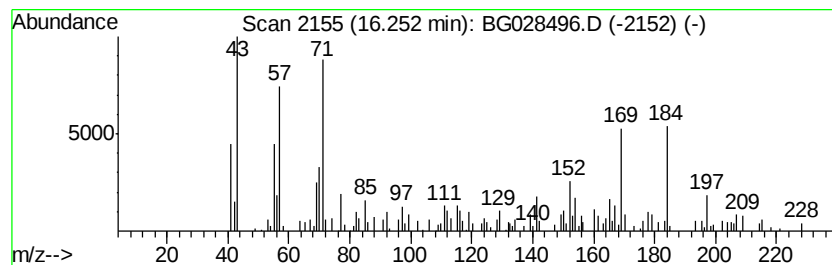
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-08 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.41 ng/ul	50439	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Imidazolidinone, 2,2-dimethyl-...	169 C8H15N3O	142071-78-1	49
2	1,4,5,8-Tetramethylnaphthalene	184 C14H16	002717-39-7	30
3	Naphthalene, 1-methyl-7-(1-methy...	184 C14H16	000490-65-3	30
4	5-Ethyl-3-nonen-6-one	168 C11H20O	1000374-06-6	25
5	Pentanoic acid, 2,2,4-trimethyl-...	286 C16H30O4	1000140-77-5	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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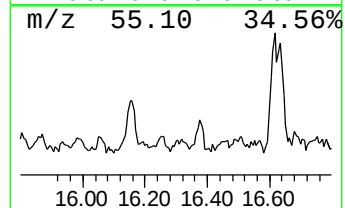
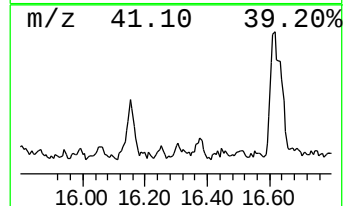
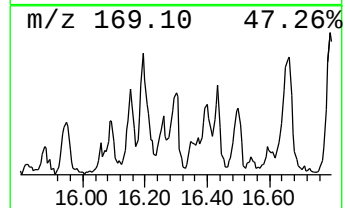
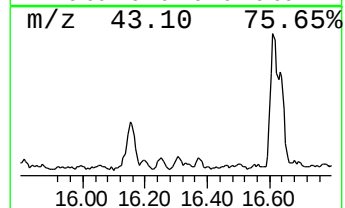
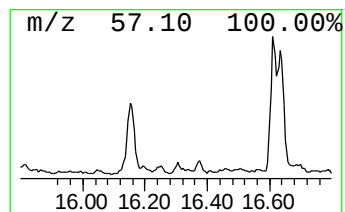
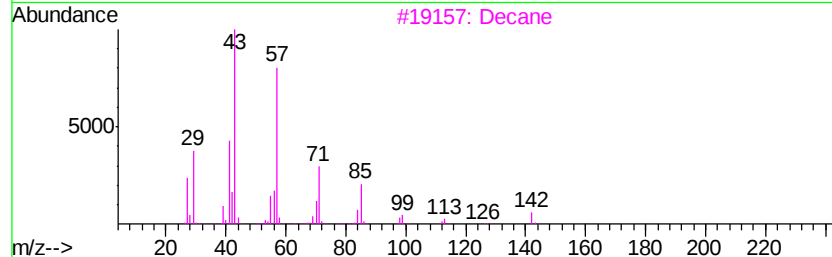
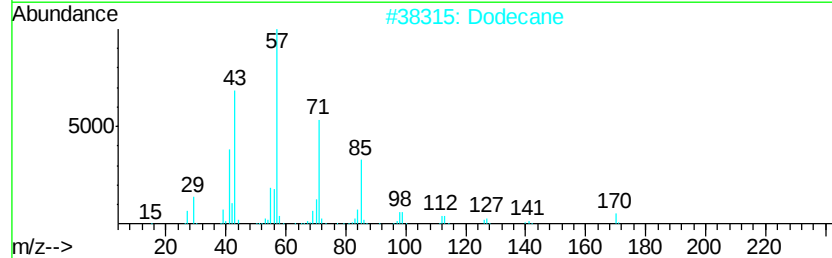
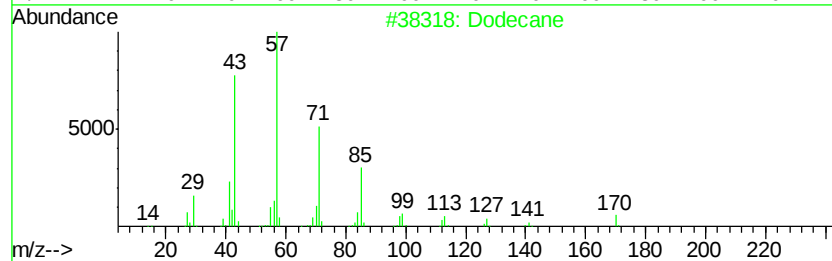
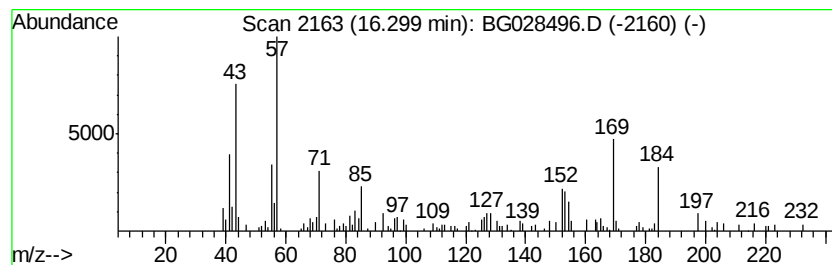
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.32 ng/ul	48563	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	45
2		Dodecane	170	C12H26	000112-40-3	43
3		Decane	142	C10H22	000124-18-5	41
4		Tetradecane	198	C14H30	000629-59-4	38
5		Heneicosane	296	C21H44	000629-94-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

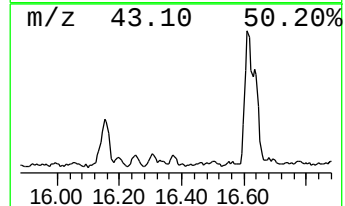
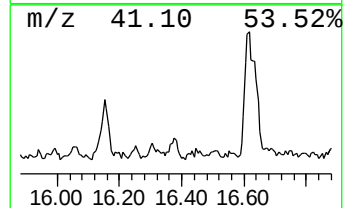
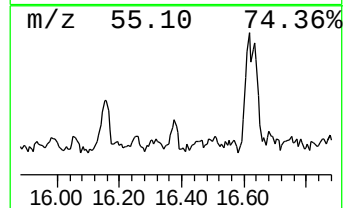
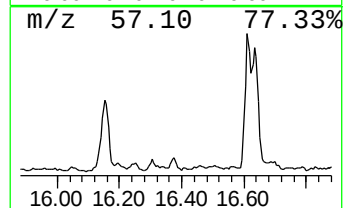
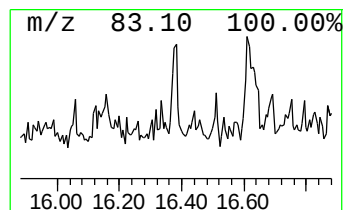
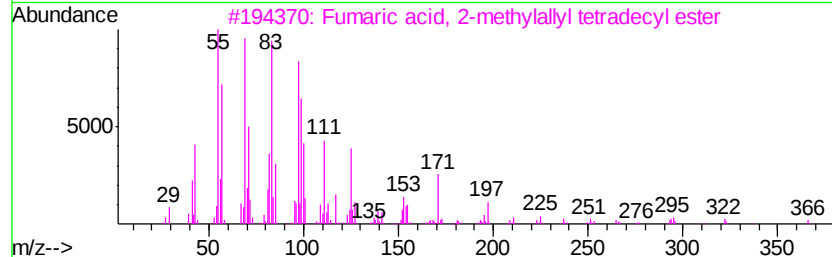
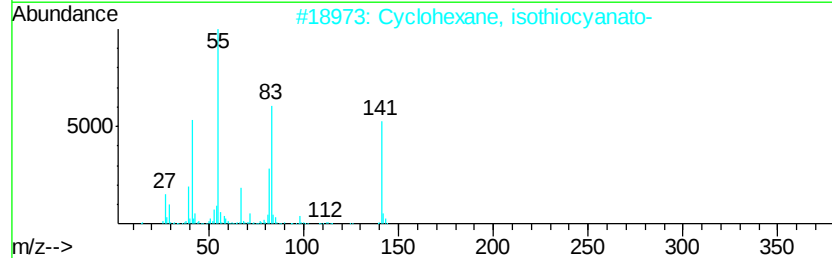
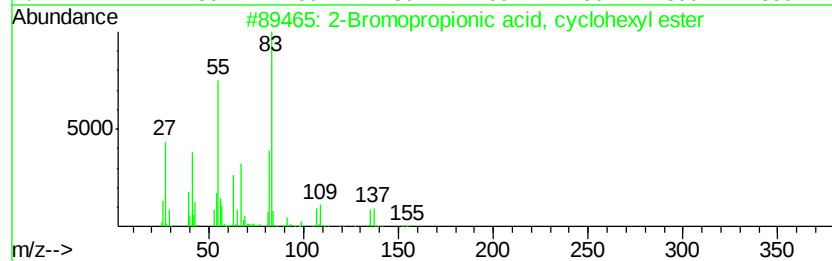
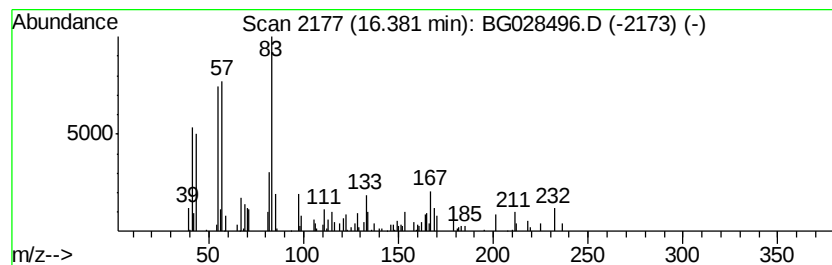
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-09 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.73 ng/ul	73905	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromopropionic acid, cyclohexy...	234	C9H15BrO2	015151-89-0	38
2			Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	27
3			Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	25
4			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	25
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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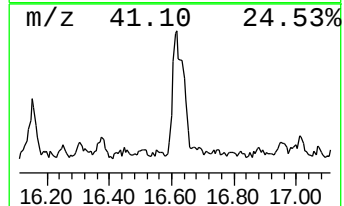
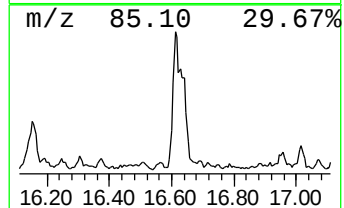
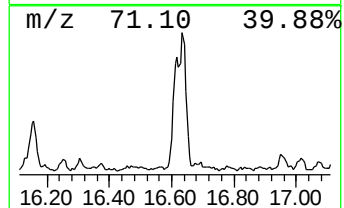
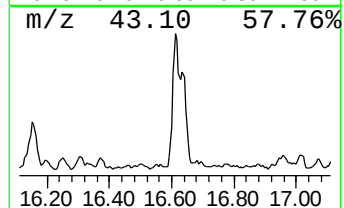
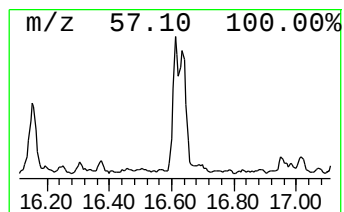
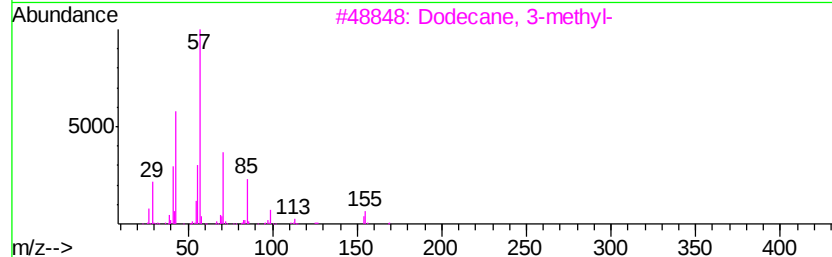
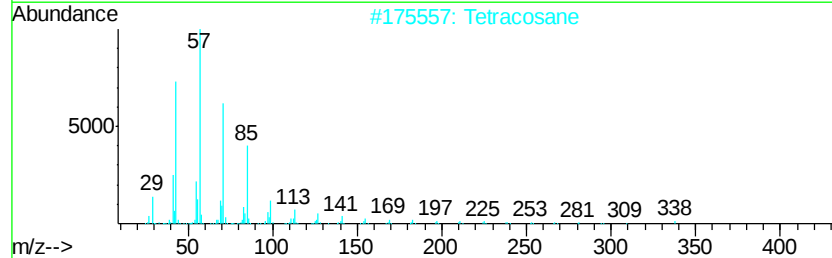
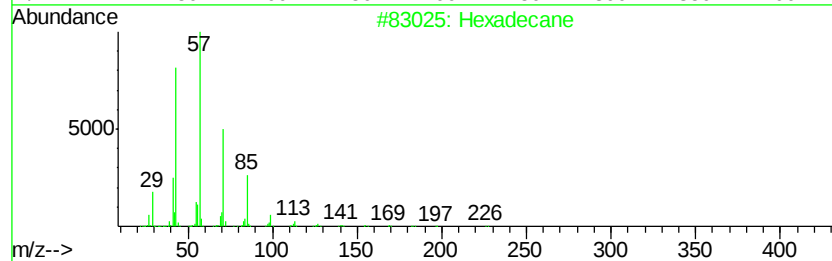
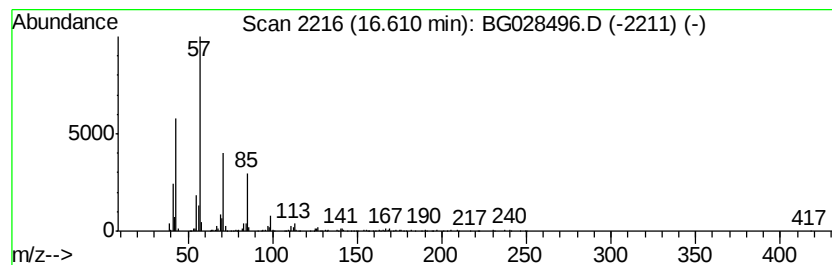
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	17.14 ng/ul	463779	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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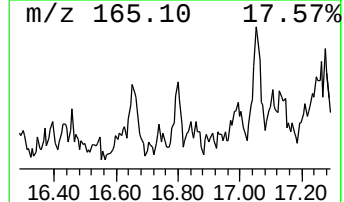
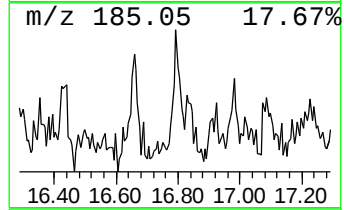
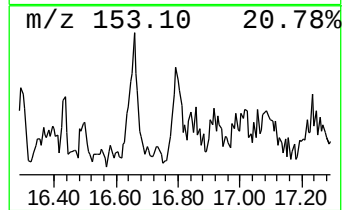
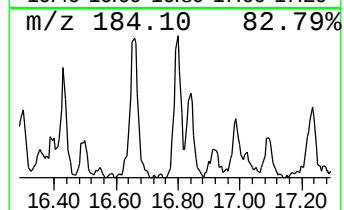
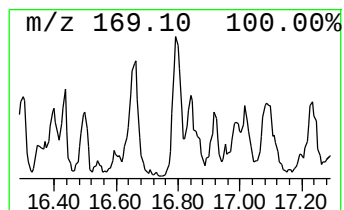
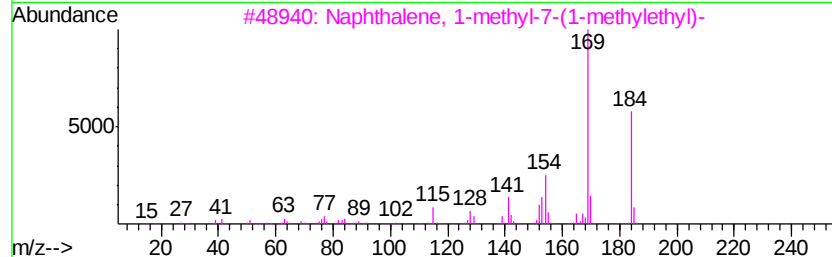
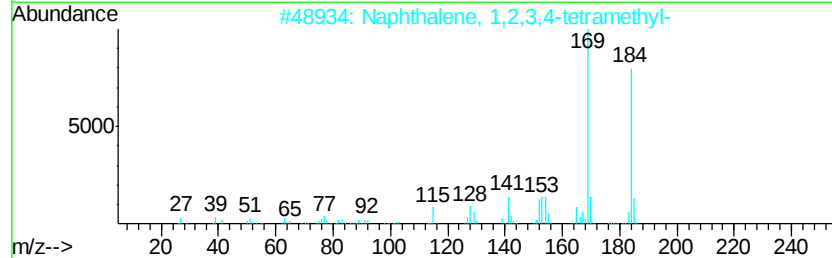
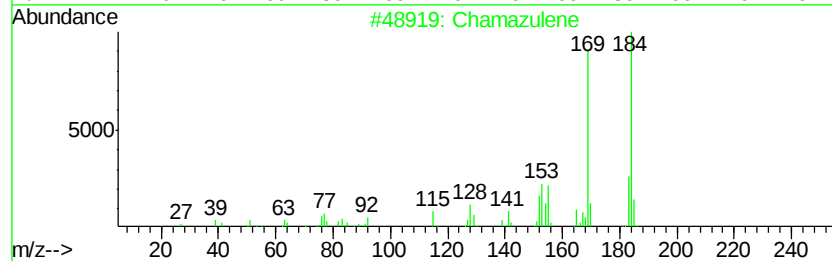
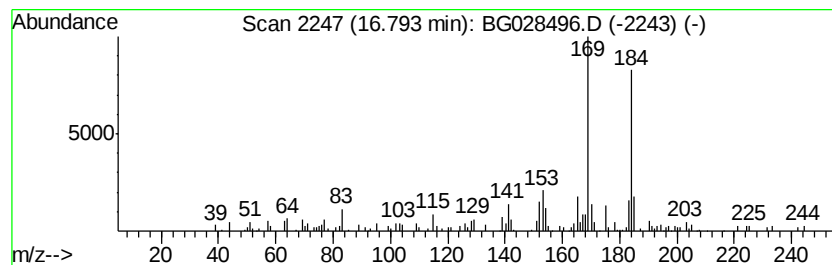
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Chamazulene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.41 ng/ul	65139	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	93
2			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	91
3			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
4			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
5			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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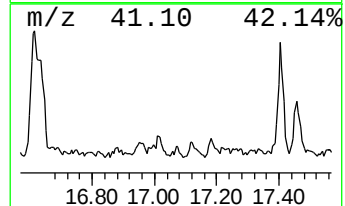
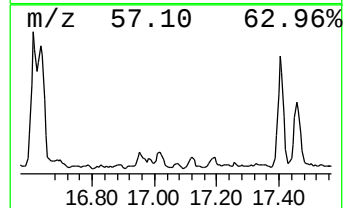
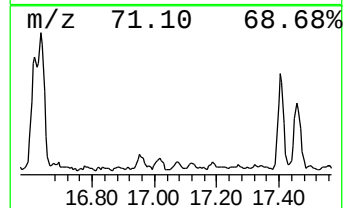
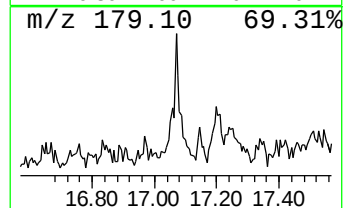
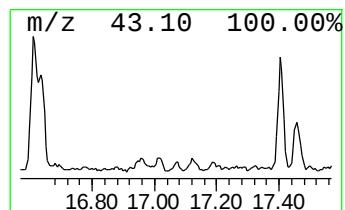
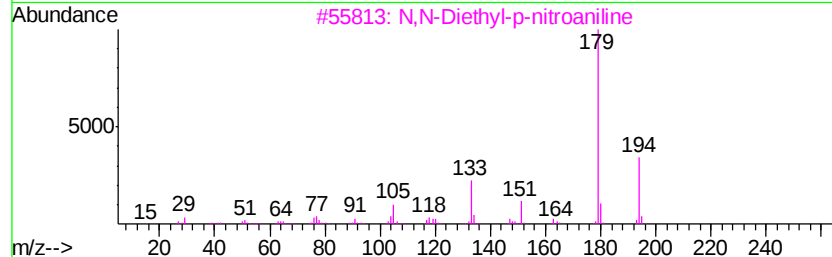
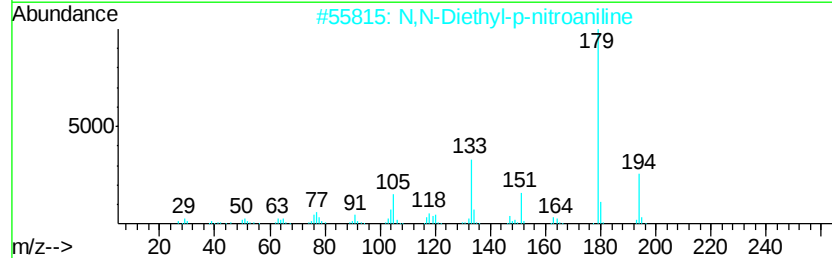
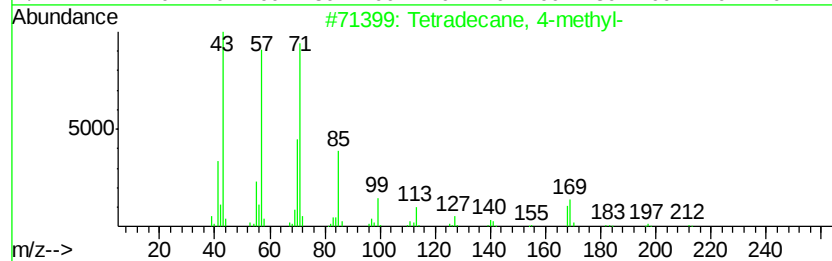
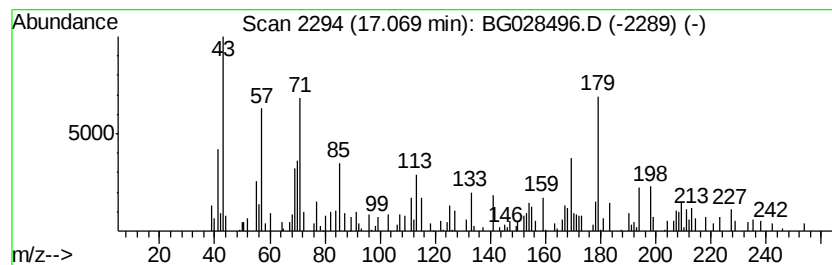
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.63 ng/ul	71297	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
2			N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	25
3			N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	25
4			Dodecane	170	C12H26	000112-40-3	22
5			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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ALS Vial : 14 Sample Multiplier: 1

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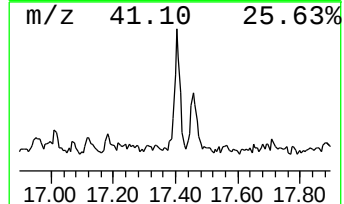
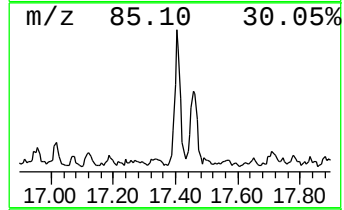
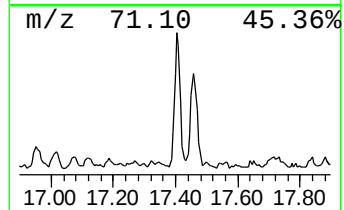
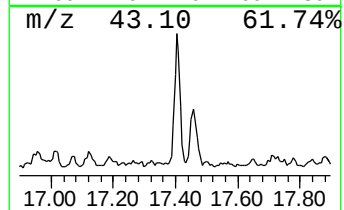
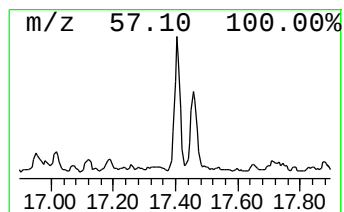
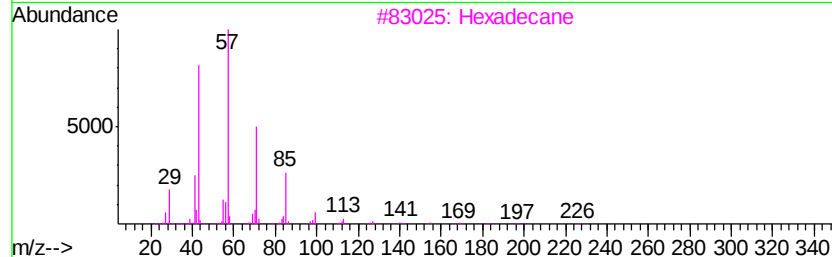
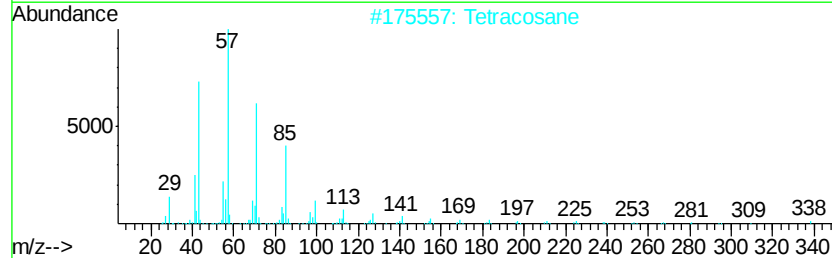
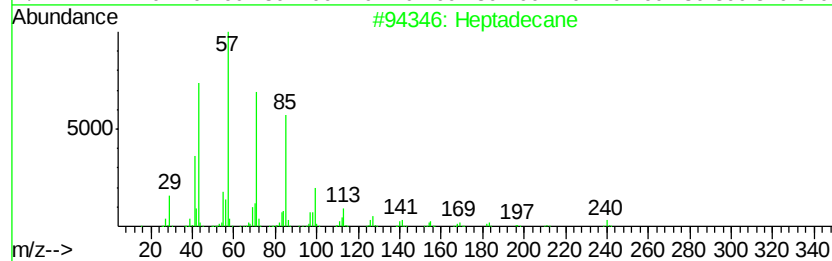
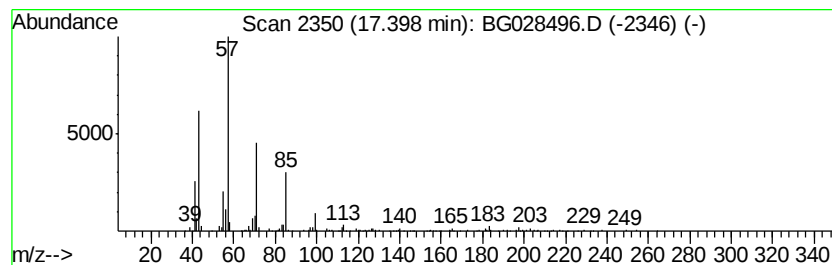
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	13.90 ng/ul	376082	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	87
2			Tetracosane	338	C24H50	000646-31-1	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5			Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

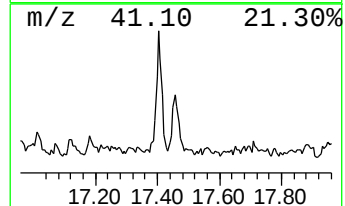
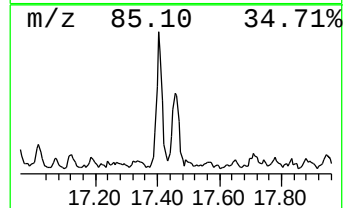
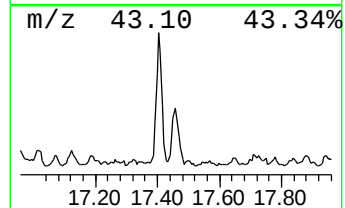
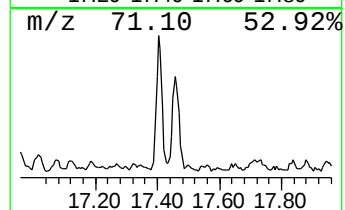
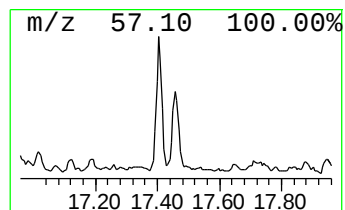
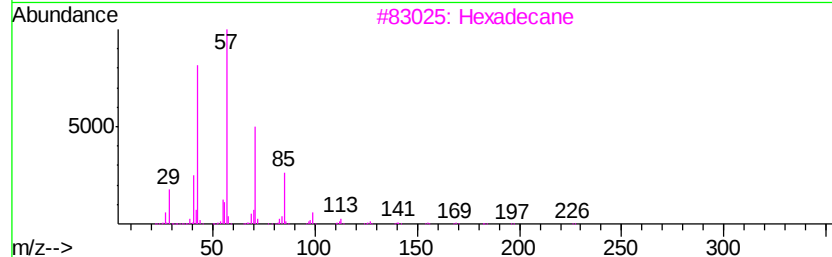
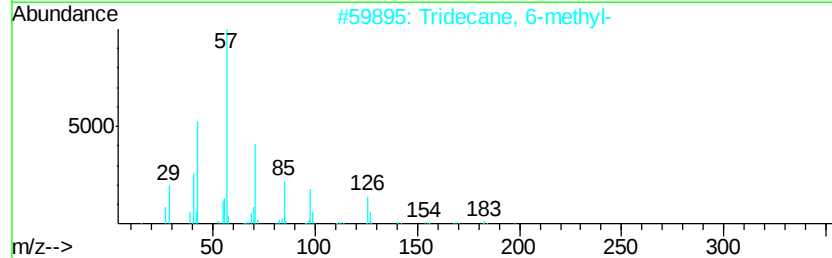
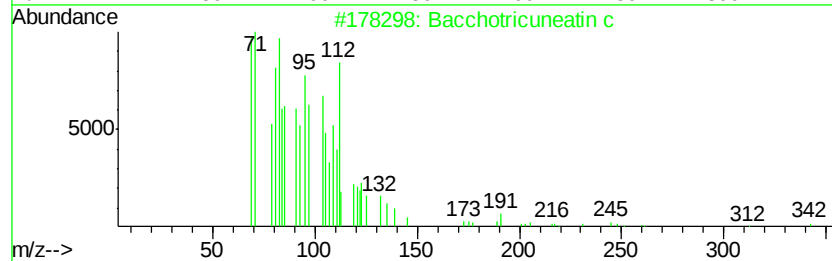
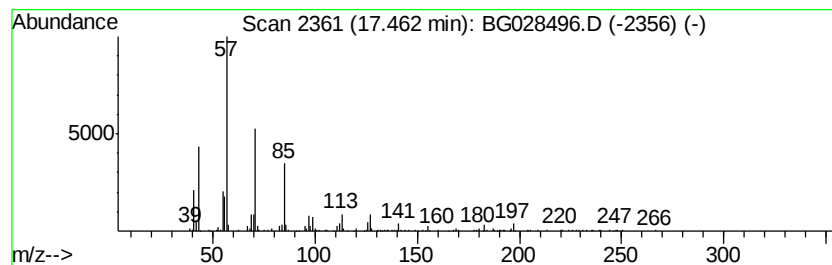
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	8.31 ng/ul	224927	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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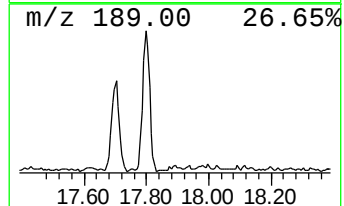
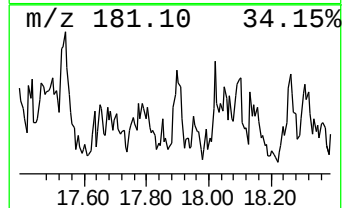
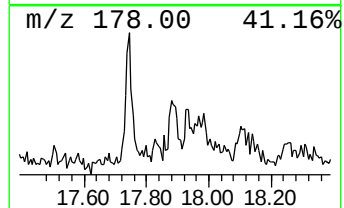
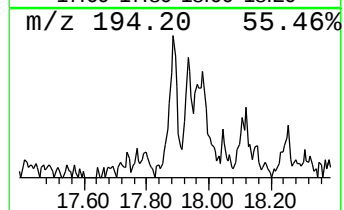
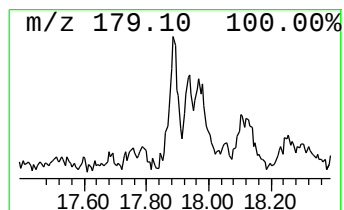
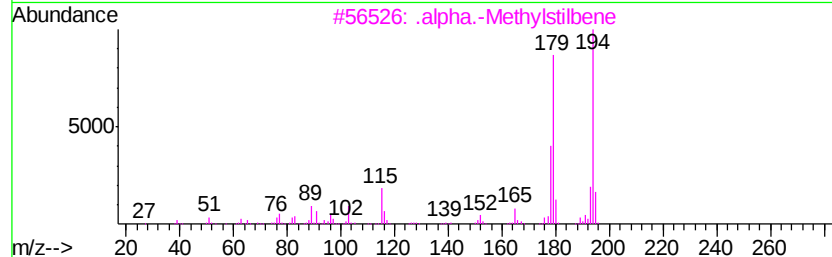
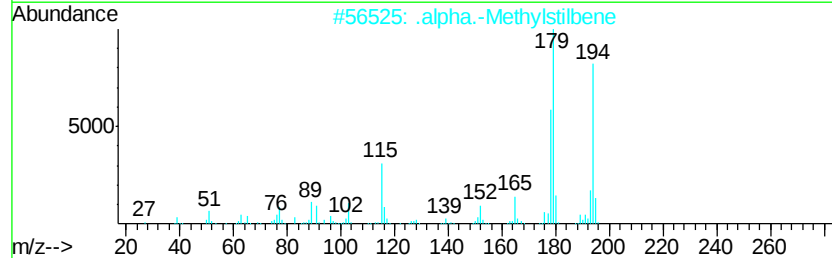
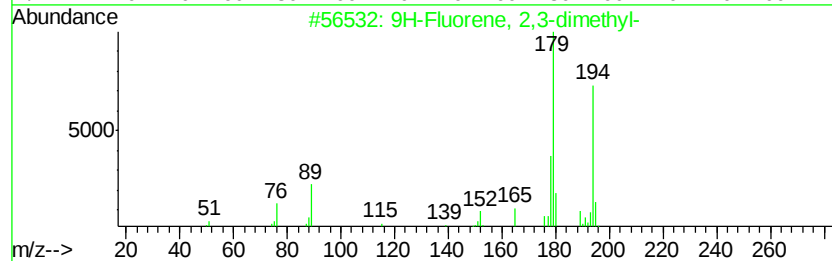
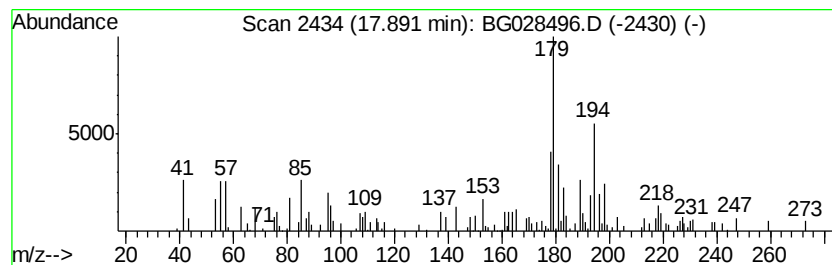
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 9H-Fluorene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.59 ng/ul	70074	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	60
2		.alpha.-Methylstilbene	194	C15H14	000779-51-1	53
3		.alpha.-Methylstilbene	194	C15H14	000779-51-1	47
4		Stilbene, .alpha.-methyl-, (E)-	194	C15H14	000833-81-8	47
5		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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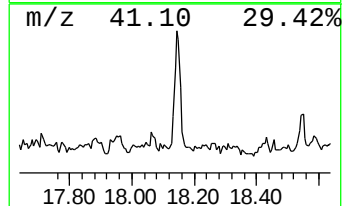
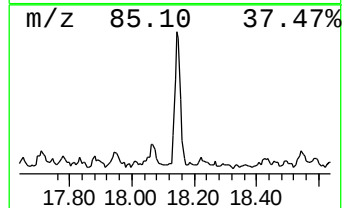
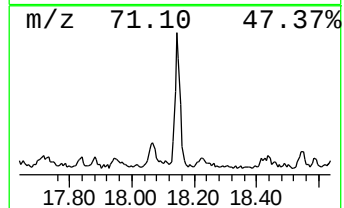
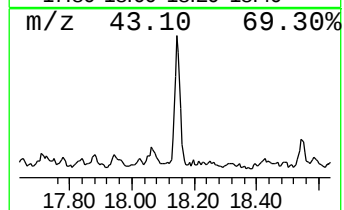
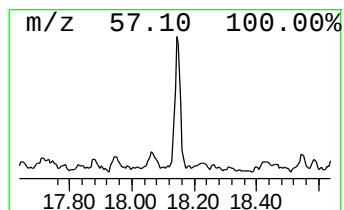
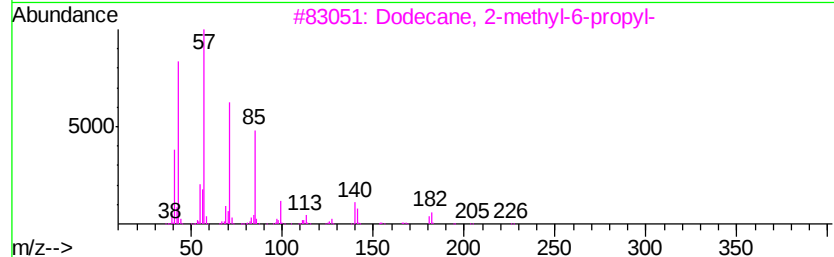
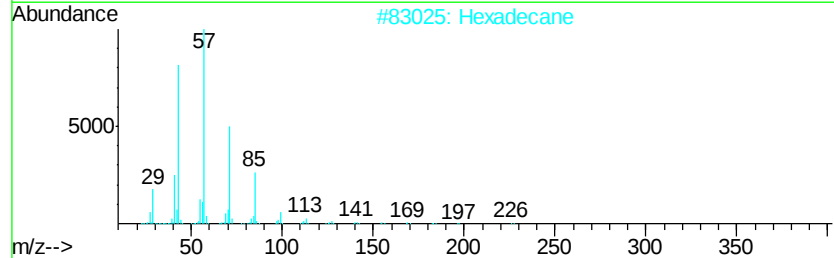
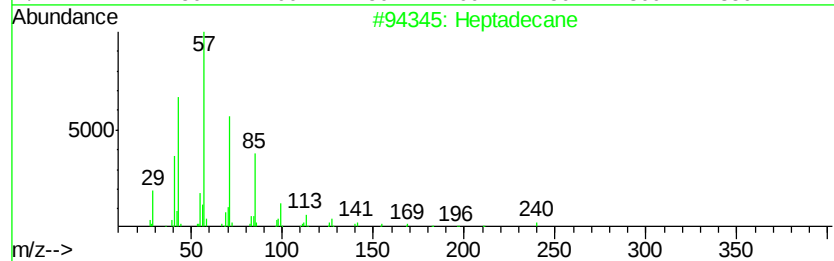
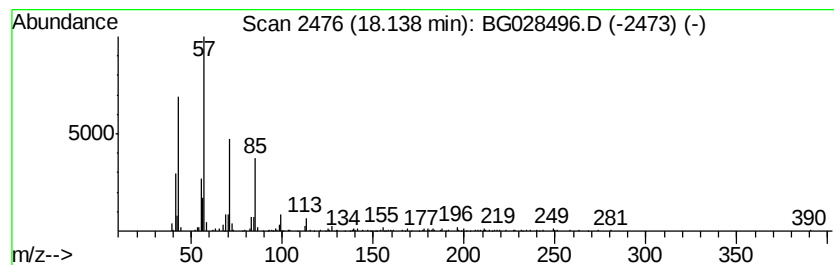
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	13.80 ng/ul	373410	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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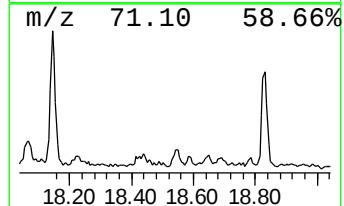
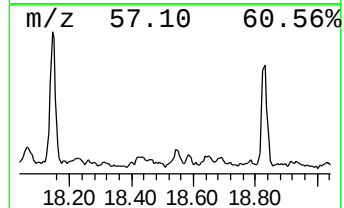
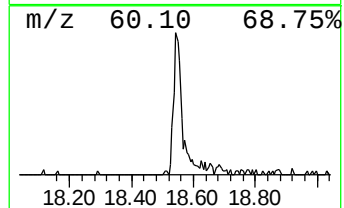
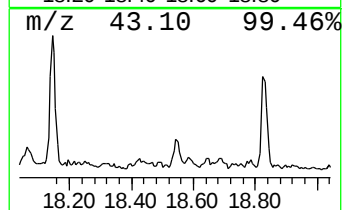
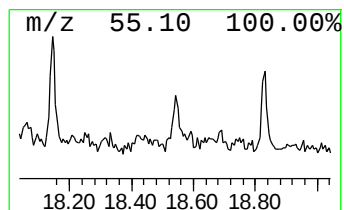
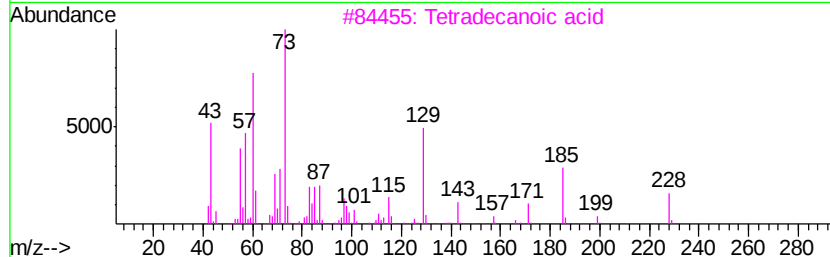
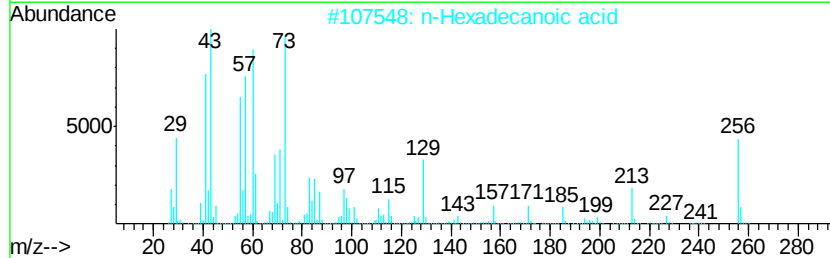
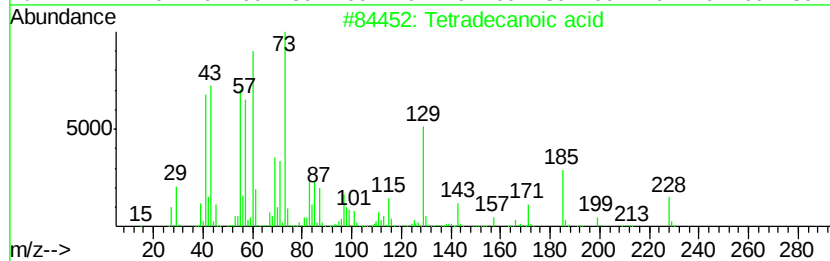
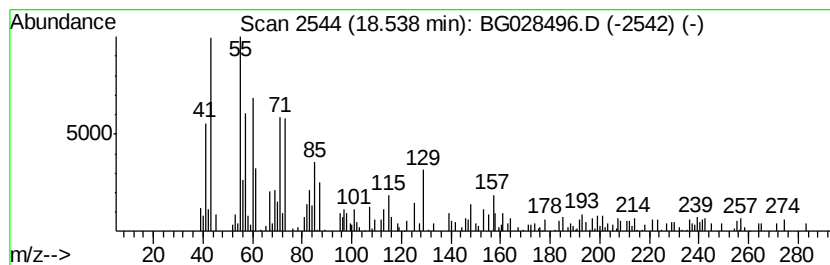
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	4.17 ng/ul	112838	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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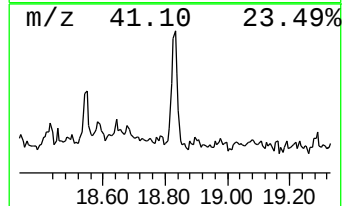
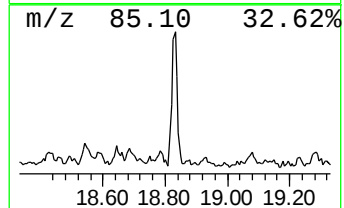
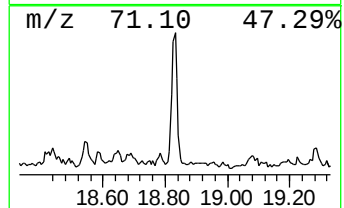
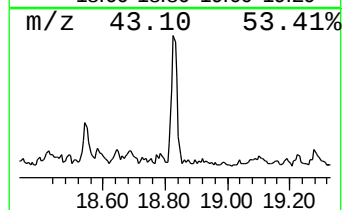
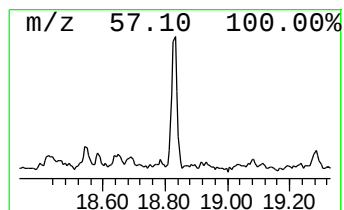
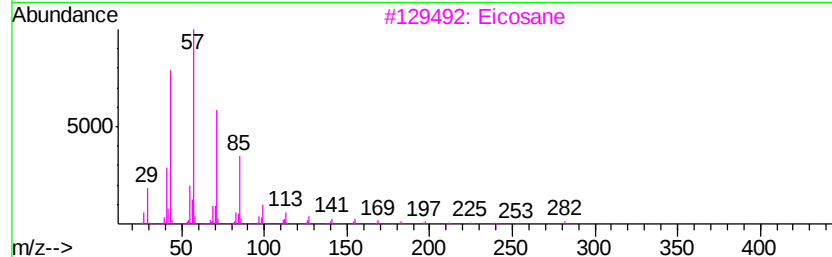
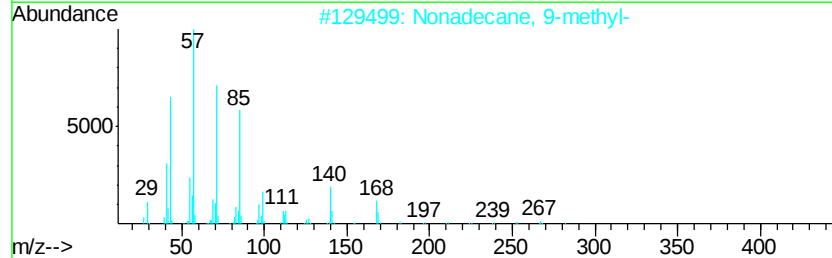
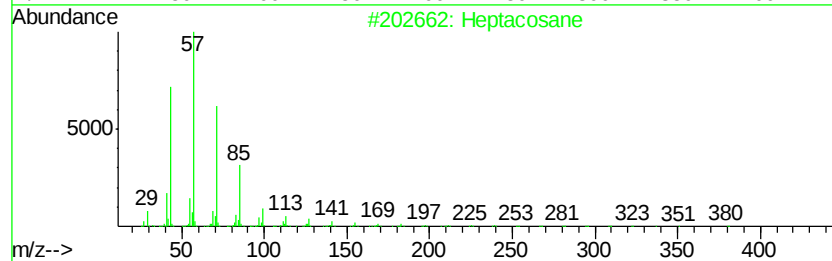
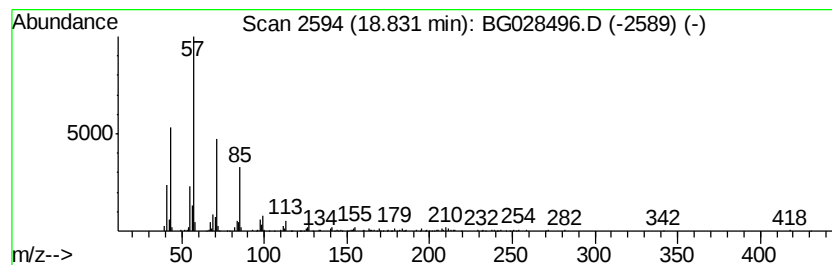
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	9.33 ng/ul	252501	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Misc :
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ClientSampleId :
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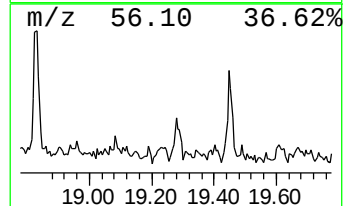
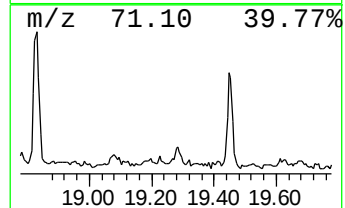
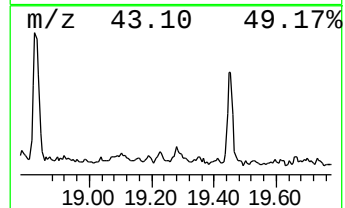
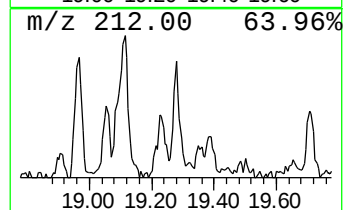
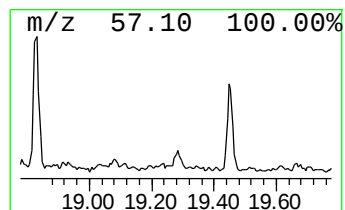
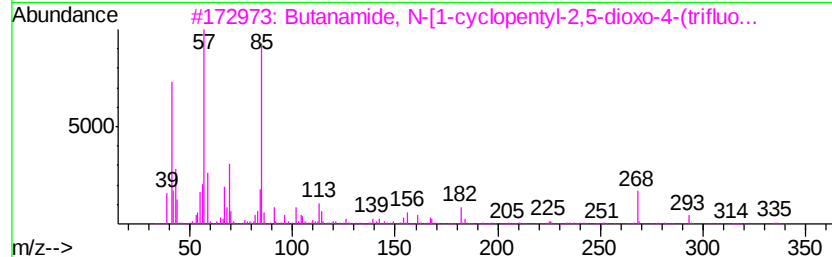
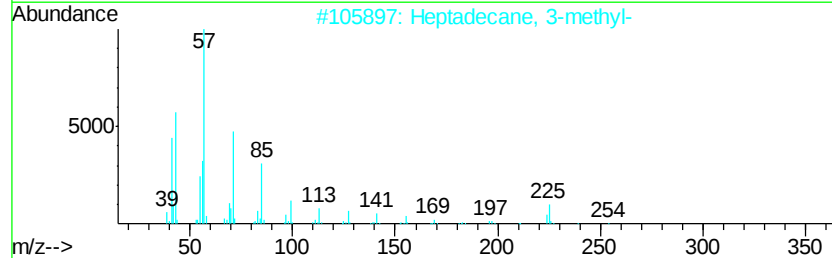
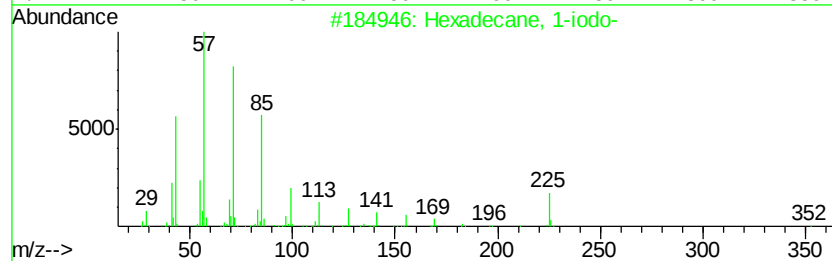
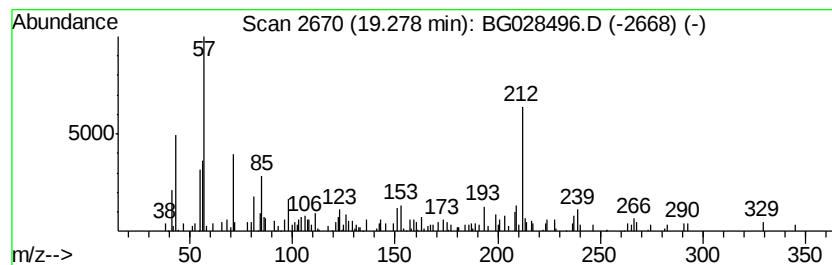
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-10 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.80 ng/ul	75664	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	22
2			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	22
3			Butanamide, N-[1-cyclopentyl-2,5...	335	C14H20F3N3O3	1000350-90-3	14
4			6-Methyltricosane	338	C24H50	1000131-18-0	14
5			Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
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Sample : I4885-04
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ClientSampleId :
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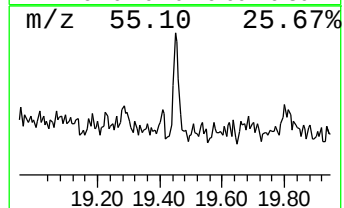
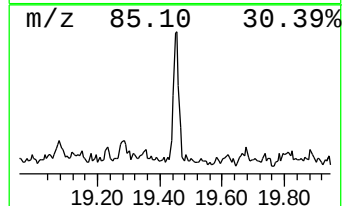
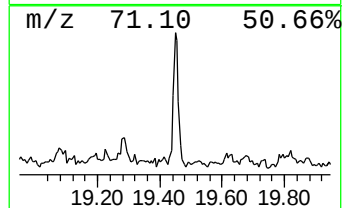
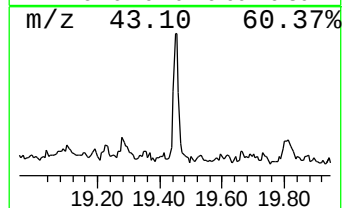
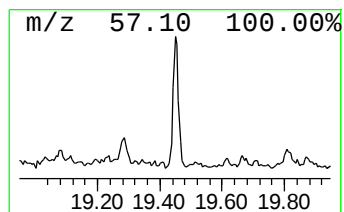
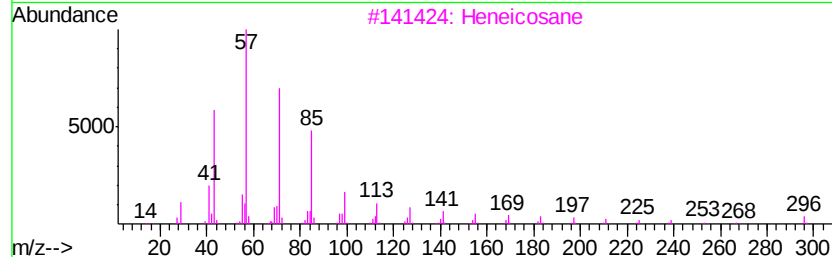
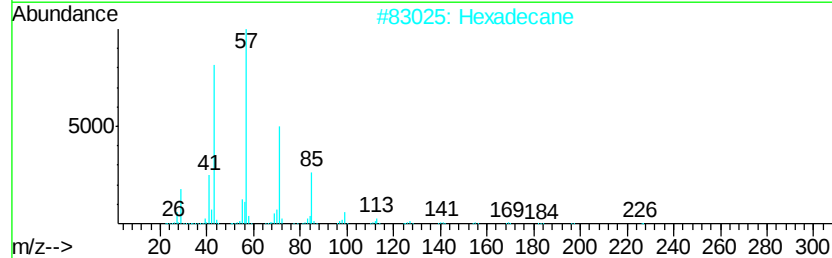
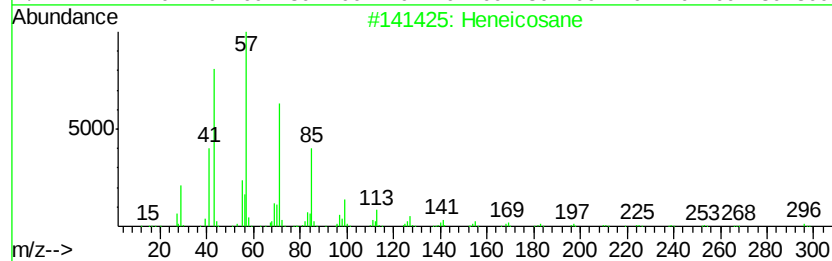
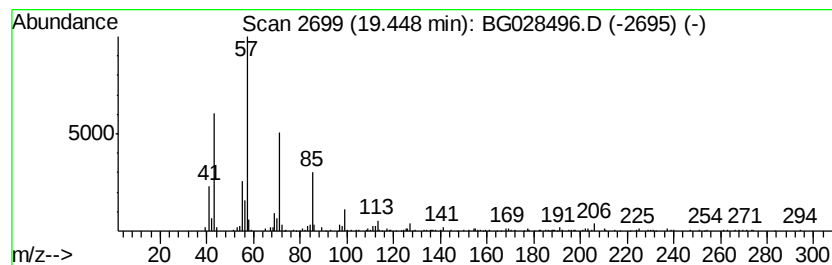
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	8.47 ng/ul	229252	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Hexadecane	226	C16H34	000544-76-3	93
3			Heneicosane	296	C21H44	000629-94-7	83
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

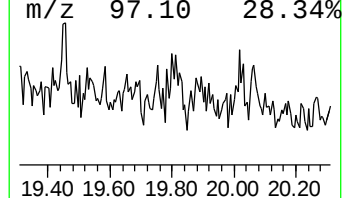
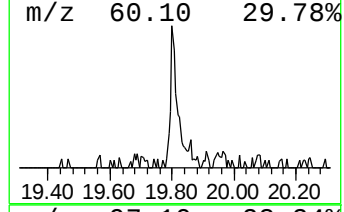
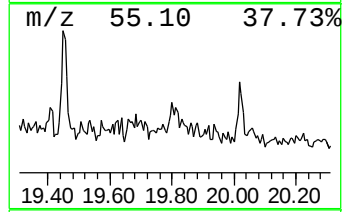
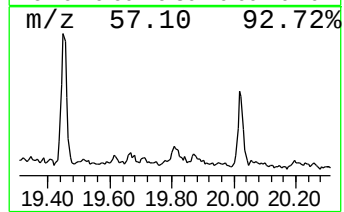
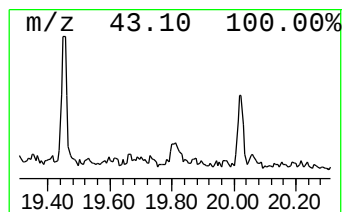
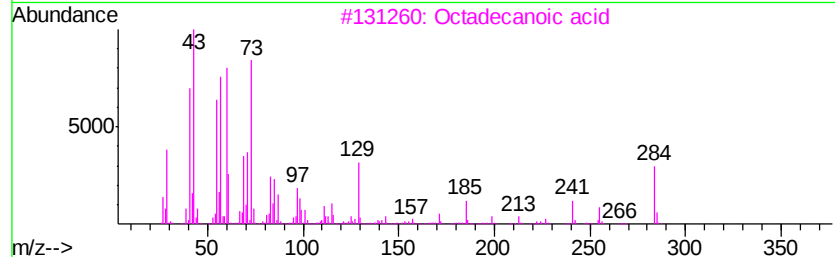
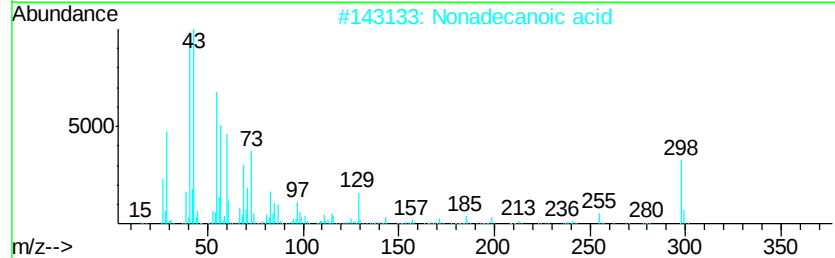
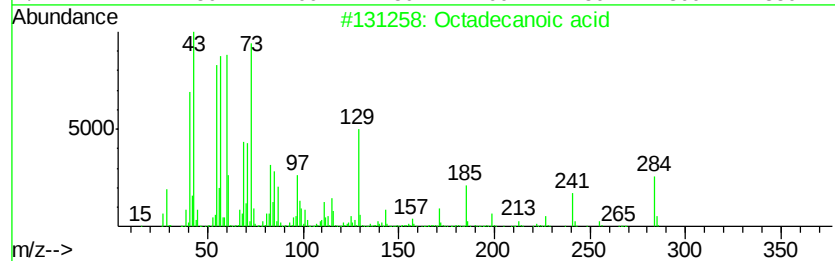
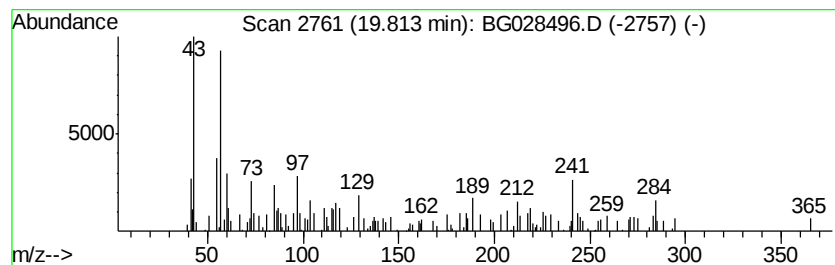
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 unknown-11 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.55 ng/ul	68967	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	41
2			Nonadecanoic acid	298	C19H38O2	000646-30-0	30
3			Octadecanoic acid	284	C18H36O2	000057-11-4	27
4			Tridecanoic acid	214	C13H26O2	000638-53-9	22
5			Nonadecanoic acid	298	C19H38O2	000646-30-0	20



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

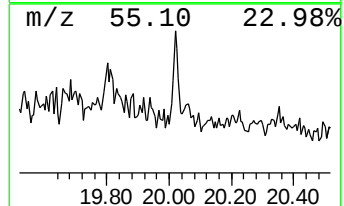
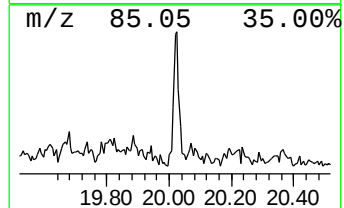
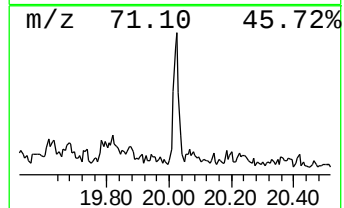
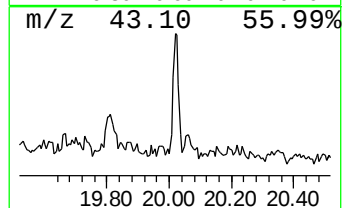
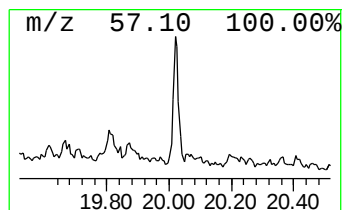
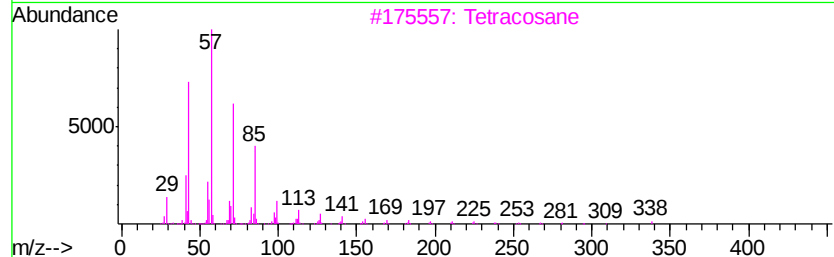
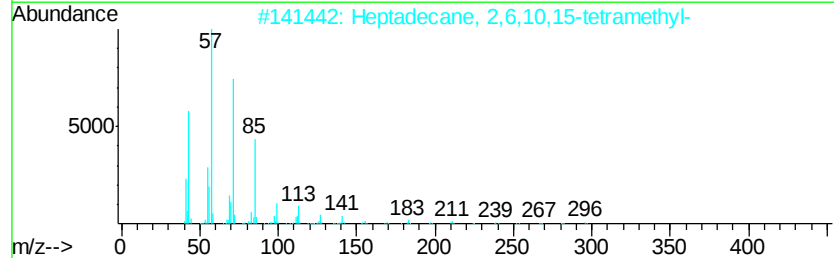
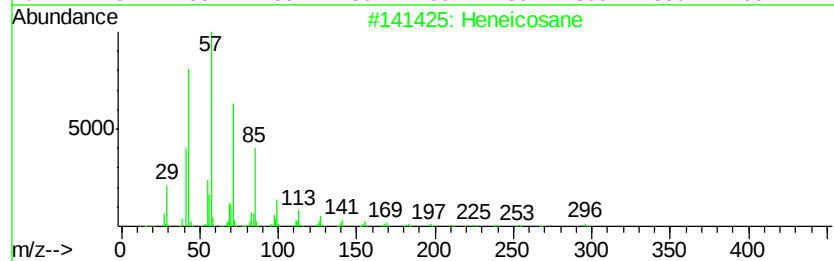
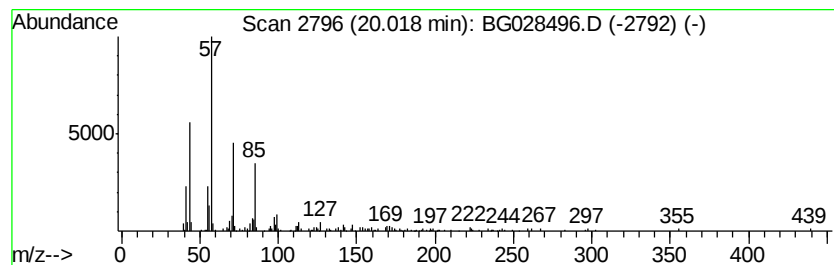
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.66 ng/ul	92255	Chrysene-d12	22.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Tetracosane	338	C24H50	000646-31-1	72
4			Octadecane	254	C18H38	000593-45-3	72
5			Heneicosane	296	C21H44	000629-94-7	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028496.D
Acq On : 25 Aug 2017 17:43
Operator : SJ/JU
Sample : I4885-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AP9

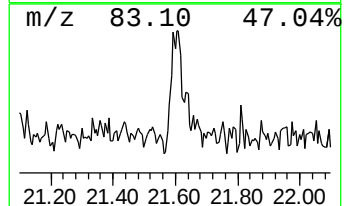
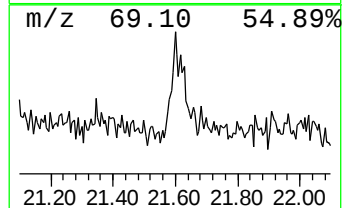
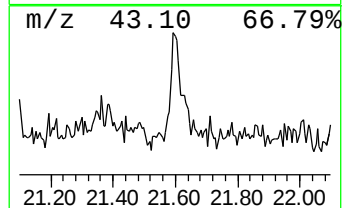
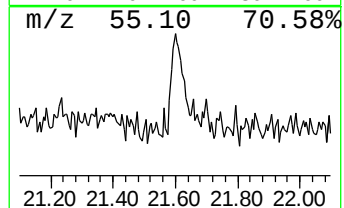
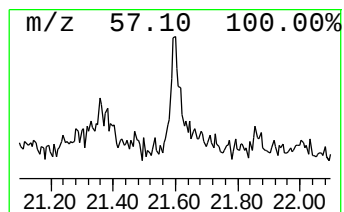
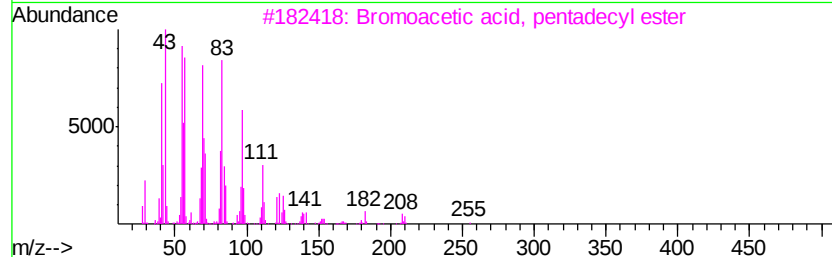
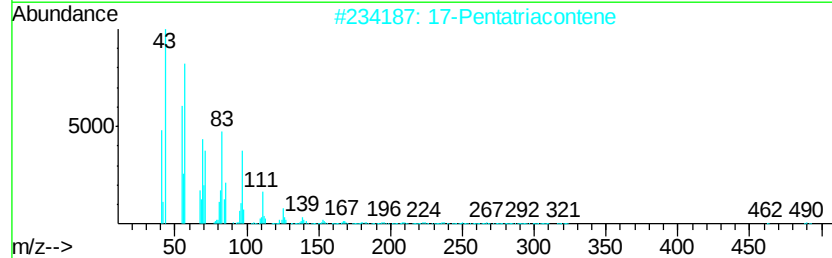
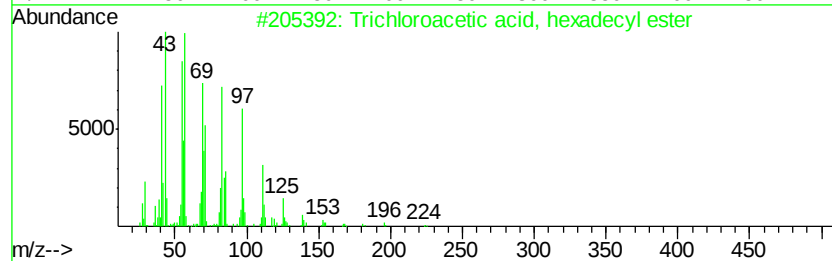
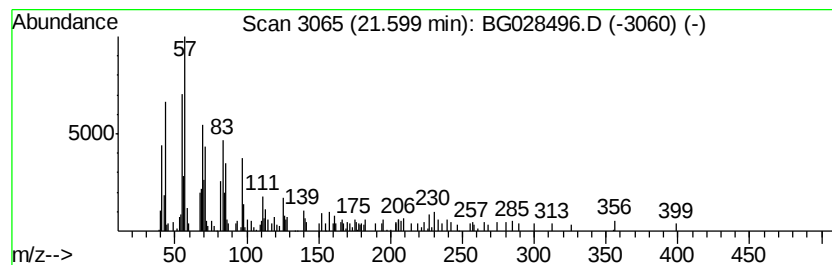
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 Trichloroacetic acid, hexad... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.39 ng/ul	83124	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
2		17-Pentatriacontene	491	C35H70	006971-40-0	68
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
5		1-Eicosene	280	C20H40	003452-07-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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 Sample : I4885-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AP9

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
unknown-01	8.88	2.0	ng/ul	17879	1	8.34	176263	20.0
1,1'-Bicyclopentyl	9.17	2.5	ng/ul	22442	1	8.34	176263	20.0
unknown-02	9.44	3.3	ng/ul	28829	1	8.34	176263	20.0
unknown-03	9.67	3.5	ng/ul	30640	1	8.34	176263	20.0
unknown-04	10.45	2.5	ng/ul	36858	2	11.16	288926	20.0
unknown-05	11.83	2.5	ng/ul	35671	2	11.16	288926	20.0
(DEL) Alkane: Str...	12.13	4.5	ng/ul	65330	2	11.16	288926	20.0
1-Octanol, 2-butyl-	12.52	4.9	ng/ul	70143	2	11.16	288926	20.0
unknown-06	12.73	2.3	ng/ul	33617	2	11.16	288926	20.0
(DEL) Alkane: Cyc...	13.21	2.0	ng/ul	42164	3	14.95	417884	20.0
(DEL) Alkane: Str...	13.31	2.0	ng/ul	42256	3	14.95	417884	20.0
(DEL) Alkane: Str...	13.46	6.4	ng/ul	134063	3	14.95	417884	20.0
(DEL) Alkane: Str...	13.74	11.7	ng/ul	243385	3	14.95	417884	20.0
(DEL) Alkane: Str...	14.51	3.7	ng/ul	77929	3	14.95	417884	20.0
Decahydro-4,4,8,9...	14.77	5.4	ng/ul	113049	3	14.95	417884	20.0
(DEL) Alkane: Str...	14.80	11.0	ng/ul	230089	3	14.95	417884	20.0
(DEL) Alkane: Cyc...	15.01	2.8	ng/ul	59215	3	14.95	417884	20.0
(DEL) Alkane: Str...	15.25	3.7	ng/ul	76659	3	14.95	417884	20.0
Naphthalene, 1,6,...	15.41	7.2	ng/ul	150834	3	14.95	417884	20.0
(DEL) Alkane: Str...	15.48	2.5	ng/ul	51942	3	14.95	417884	20.0
unknown-07	15.65	2.3	ng/ul	47006	3	14.95	417884	20.0
(DEL) Alkane: Str...	15.75	22.0	ng/ul	460446	3	14.95	417884	20.0
(DEL) Alkane: Str...	16.15	14.8	ng/ul	309868	3	14.95	417884	20.0
unknown-08	16.25	2.4	ng/ul	50439	3	14.95	417884	20.0
(DEL) Alkane: Str...	16.30	2.3	ng/ul	48563	3	14.95	417884	20.0
unknown-09	16.38	2.7	ng/ul	73905	4	17.70	541221	20.0
(DEL) Alkane: Str...	16.61	17.1	ng/ul	463779	4	17.70	541221	20.0
Chamazulene	16.79	2.4	ng/ul	65139	4	17.70	541221	20.0
(DEL) Alkane: Str...	17.07	2.6	ng/ul	71297	4	17.70	541221	20.0
(DEL) Alkane: Str...	17.40	13.9	ng/ul	376082	4	17.70	541221	20.0
Bacchotricuneatin c	17.46	8.3	ng/ul	224927	4	17.70	541221	20.0
9H-Fluorene, 2,3-...	17.89	2.6	ng/ul	70074	4	17.70	541221	20.0
(DEL) Alkane: Str...	18.14	13.8	ng/ul	373410	4	17.70	541221	20.0
Tetradecanoic acid	18.54	4.2	ng/ul	112838	4	17.70	541221	20.0
(DEL) Alkane: Str...	18.83	9.3	ng/ul	252501	4	17.70	541221	20.0
unknown-10	19.28	2.8	ng/ul	75664	4	17.70	541221	20.0
(DEL) Alkane: Str...	19.45	8.5	ng/ul	229252	4	17.70	541221	20.0
unknown-11	19.81	2.5	ng/ul	68967	4	17.70	541221	20.0
(DEL) Alkane: Str...	20.02	2.7	ng/ul	92255	5	22.03	694413	20.0
Trichloroacetic a...	21.60	2.4	ng/ul	83124	5	22.03	694413	20.0