

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005558.D
 Acq On : 21 May 2016 19:45
 Operator : UM/SJ
 Sample : H3086-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGJ0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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	2.646	7	10	31	rVB2	75513	202374	4.60%	0.299%
2	6.981	740	747	755	rVB	230991	365453	8.32%	0.539%
3	7.151	769	776	783	rBV	171112	269685	6.14%	0.398%
4	7.351	805	810	820	rVB	229913	372824	8.48%	0.550%
5	7.445	820	826	832	rVB	150760	212863	4.84%	0.314%
6	7.822	880	890	896	rVB2	279881	535325	12.18%	0.790%
7	8.345	970	979	982	rBV2	41223	80545	1.83%	0.119%
8	8.480	995	1002	1004	rBV	55603	93231	2.12%	0.138%
9	8.516	1004	1008	1015	rVB	242747	376682	8.57%	0.556%
10	8.922	1074	1077	1081	rVV2	45792	79817	1.82%	0.118%
11	8.975	1081	1086	1091	rVV	199854	337762	7.69%	0.499%
12	9.045	1091	1098	1103	rVB	519455	787625	17.92%	1.162%
13	9.175	1116	1120	1125	rVB4	44362	84364	1.92%	0.125%
14	9.533	1174	1181	1186	rBV3	84275	148500	3.38%	0.219%
15	9.692	1201	1208	1212	rBV	173639	294712	6.71%	0.435%
16	9.739	1212	1216	1221	rVV3	86960	150255	3.42%	0.222%
17	9.792	1221	1225	1233	rVB3	109009	175483	3.99%	0.259%
18	9.892	1233	1242	1246	rBV2	62436	145390	3.31%	0.215%
19	9.957	1246	1253	1259	rVB3	99088	166266	3.78%	0.245%
20	10.039	1259	1267	1277	rBV	143738	296653	6.75%	0.438%
21	10.139	1277	1284	1289	rBV	89933	149514	3.40%	0.221%
22	10.227	1289	1299	1307	rVB	271288	514515	11.71%	0.759%
23	10.510	1343	1347	1352	rVV3	58132	115854	2.64%	0.171%
24	10.586	1353	1360	1372	rVV2	1102956	2473418	56.28%	3.651%
25	10.739	1380	1386	1389	rVV	289675	555788	12.65%	0.820%
26	10.769	1389	1391	1397	rVV	278252	389812	8.87%	0.575%
27	10.833	1397	1402	1409	rVV6	52441	121791	2.77%	0.180%
28	11.098	1443	1447	1453	rVB3	87404	140729	3.20%	0.208%
29	11.310	1472	1483	1490	rBV5	190287	593787	13.51%	0.876%
30	11.369	1490	1493	1500	rVV2	97137	183632	4.18%	0.271%
31	11.445	1501	1506	1511	rVV3	161994	289367	6.58%	0.427%
32	11.527	1515	1520	1527	rVB	194990	370774	8.44%	0.547%
33	11.633	1532	1538	1548	rBV	483849	924588	21.04%	1.365%
34	11.798	1562	1566	1570	rBV2	50846	79548	1.81%	0.117%

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35	11.892	1575	1582	1587	rBV3	96478	207215	4.72%	0.306%
36	12.033	1600	1606	1617	rBV	1502166	2397461	54.55%	3.538%
37	12.251	1637	1643	1652	rVB4	123611	302017	6.87%	0.446%
38	12.668	1708	1714	1718	rBV3	159839	280686	6.39%	0.414%
39	12.727	1718	1724	1729	rVV3	165549	417608	9.50%	0.616%
40	12.774	1729	1732	1736	rVV	148990	215049	4.89%	0.317%
41	12.851	1740	1745	1749	rVV	223165	330924	7.53%	0.488%
42	12.933	1755	1759	1764	rVV	165878	275557	6.27%	0.407%
43	12.992	1764	1769	1774	rVB	604188	884623	20.13%	1.306%
44	13.280	1811	1818	1825	rBV	1909306	2869059	65.28%	4.234%
45	13.374	1830	1834	1838	rBV4	74101	115967	2.64%	0.171%
46	13.445	1843	1846	1849	rVB4	81423	103298	2.35%	0.152%
47	13.721	1889	1893	1898	rBV8	82581	184499	4.20%	0.272%
48	13.810	1904	1908	1912	rBV6	103578	199926	4.55%	0.295%
49	13.857	1912	1916	1921	rVV	467800	724002	16.47%	1.069%
50	13.910	1921	1925	1927	rVV3	368876	555685	12.64%	0.820%
51	13.939	1927	1930	1934	rVV	850267	1102635	25.09%	1.627%
52	13.980	1934	1937	1943	rVB	327711	443710	10.10%	0.655%
53	14.057	1946	1950	1954	rVB	214239	274193	6.24%	0.405%
54	14.145	1960	1965	1970	rVB	545933	819157	18.64%	1.209%
55	14.292	1986	1990	1995	rVB4	137821	254142	5.78%	0.375%
56	14.357	1995	2001	2008	rBV	2499115	3486412	79.33%	5.146%
57	14.451	2009	2017	2025	rVV3	580640	1314901	29.92%	1.941%
58	14.639	2045	2049	2053	rBV2	174140	238003	5.42%	0.351%
59	14.798	2072	2076	2077	rBV2	153868	198298	4.51%	0.293%
60	14.857	2082	2086	2090	rVB2	278001	389904	8.87%	0.575%
61	14.910	2091	2095	2099	rBV2	222338	341946	7.78%	0.505%
62	14.974	2102	2106	2113	rVB2	494891	827236	18.82%	1.221%
63	15.039	2114	2117	2120	rBV	199819	235452	5.36%	0.348%
64	15.309	2157	2163	2167	rBV	2615078	3485502	79.31%	5.144%
65	15.351	2167	2170	2175	rVV2	92943	172325	3.92%	0.254%
66	15.404	2176	2179	2182	rVV3	152731	232497	5.29%	0.343%
67	15.445	2182	2186	2190	rVB	674927	964508	21.95%	1.424%
68	15.492	2191	2194	2198	rBV4	99409	139932	3.18%	0.207%
69	15.709	2224	2231	2236	rBV	873223	1550169	35.27%	2.288%
70	15.804	2243	2247	2253	rVB3	294816	429005	9.76%	0.633%
71	15.862	2253	2257	2263	rBV2	344931	636621	14.49%	0.940%

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72	15.921	2263	2267	2276	rVB2	425892	629993	14.34%	0.930%
73	16.168	2304	2309	2312	rBV	2821009	4394740	100.00%	6.486%
74	16.509	2363	2367	2370	rBV	218704	340406	7.75%	0.502%
75	16.621	2383	2386	2390	rBV	179326	200921	4.57%	0.297%
76	16.674	2392	2395	2399	rVB	193279	209798	4.77%	0.310%
77	16.768	2409	2411	2415	rVB	176919	183104	4.17%	0.270%
78	16.956	2438	2443	2448	rBV	2288101	3066676	69.78%	4.526%
79	17.009	2448	2452	2456	rVV	770142	1035412	23.56%	1.528%
80	17.192	2478	2483	2491	rBV	714601	1147413	26.11%	1.693%
81	17.292	2492	2500	2504	rVB	759130	1329408	30.25%	1.962%
82	17.427	2520	2523	2529	rVB2	231713	298198	6.79%	0.440%
83	17.492	2531	2534	2540	rVB2	240657	346028	7.87%	0.511%
84	17.556	2542	2545	2549	rVV3	128525	168064	3.82%	0.248%
85	17.609	2551	2554	2560	rVV2	205570	334677	7.62%	0.494%
86	17.692	2563	2568	2574	rVB	2066987	2688257	61.17%	3.968%
87	17.974	2613	2616	2620	rBV2	122222	169005	3.85%	0.249%
88	18.133	2641	2643	2647	rVB	153370	163546	3.72%	0.241%
89	18.386	2681	2686	2690	rBV	1640112	2022893	46.03%	2.986%
90	18.786	2751	2754	2760	rVB3	122548	150509	3.42%	0.222%
91	18.845	2761	2764	2769	rVB	114301	157780	3.59%	0.233%
92	19.015	2789	2793	2801	rVB	1213443	1451502	33.03%	2.142%
93	19.386	2854	2856	2862	rVB2	66575	81397	1.85%	0.120%
94	19.586	2884	2890	2896	rVB2	1129193	2093807	47.64%	3.090%
95	20.127	2978	2982	2986	rVB	385780	437660	9.96%	0.646%
96	20.621	3062	3066	3073	rVB	173837	194477	4.43%	0.287%
97	21.080	3141	3144	3149	rVB	91352	114322	2.60%	0.169%
98	21.368	3187	3193	3202	rVB	1099602	1500487	34.14%	2.215%
99	23.497	3548	3555	3567	rVB2	819891	1603145	36.48%	2.366%
100	23.644	3572	3580	3589	rVB	795415	1562182	35.55%	2.306%

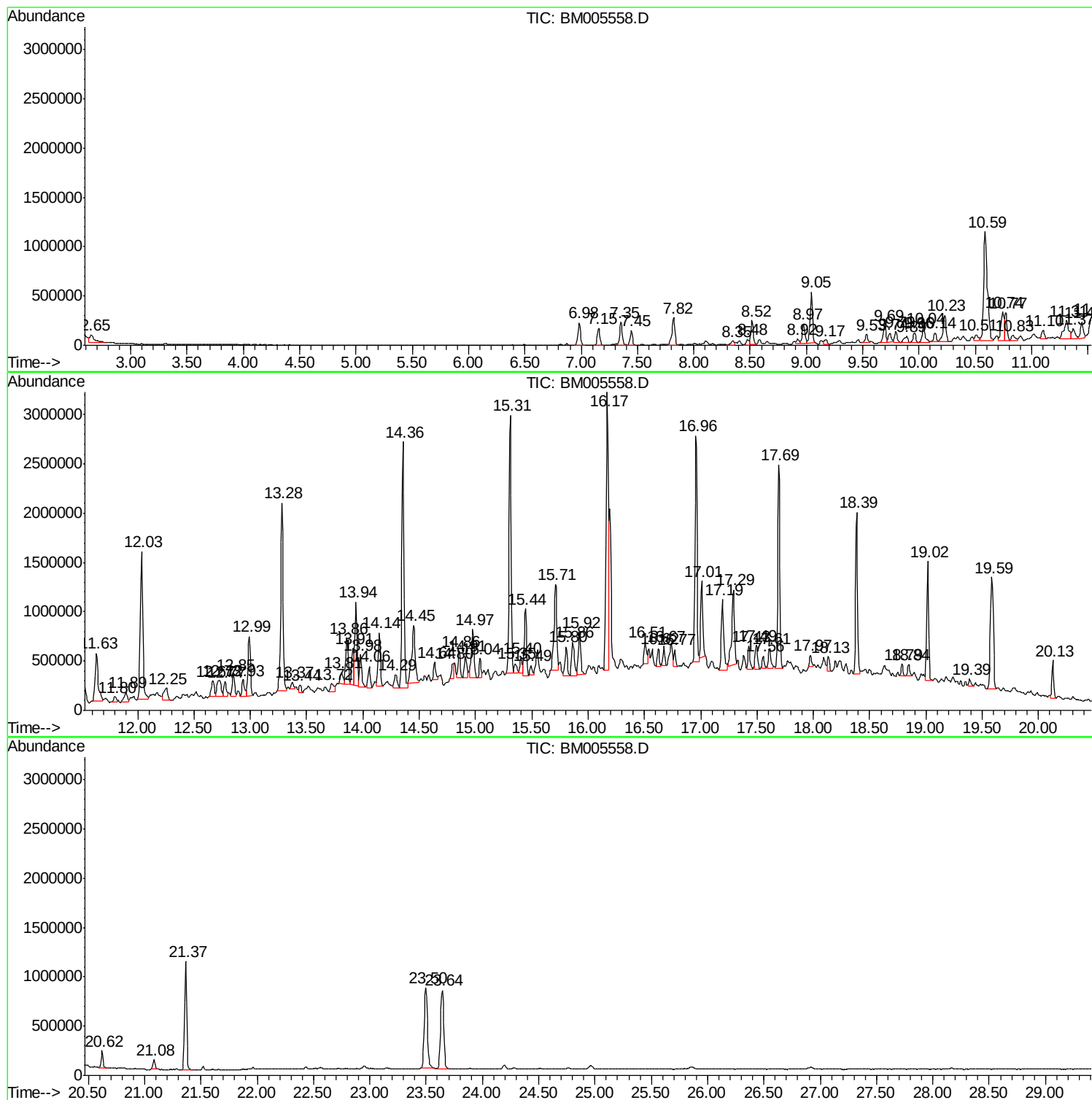
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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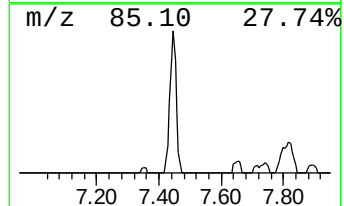
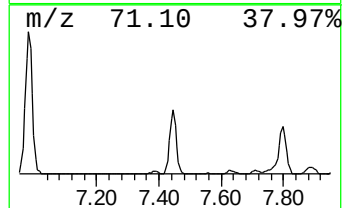
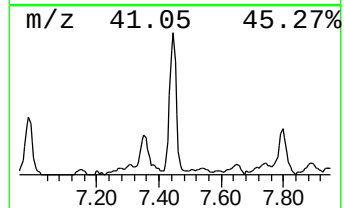
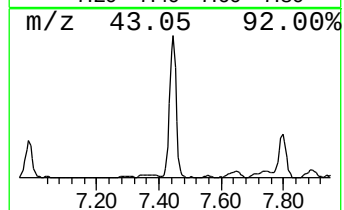
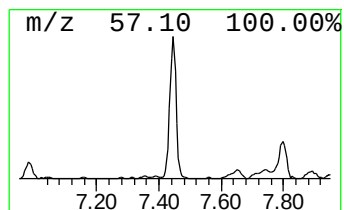
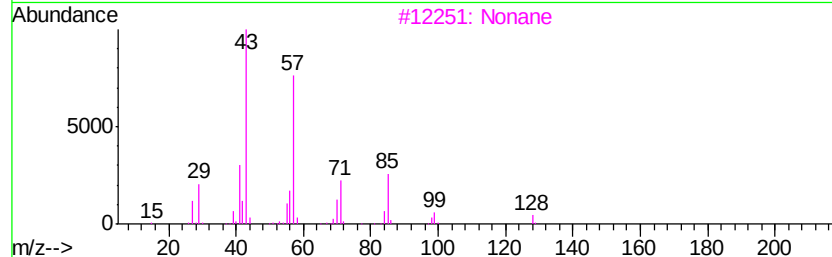
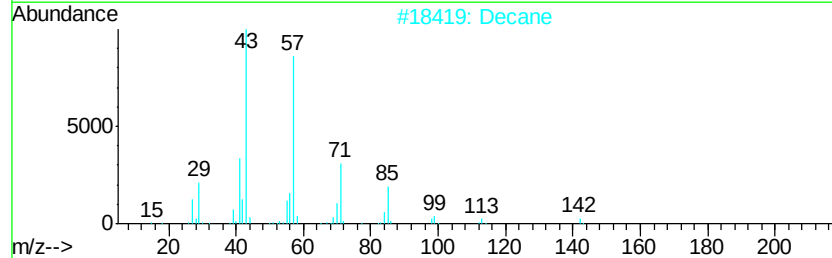
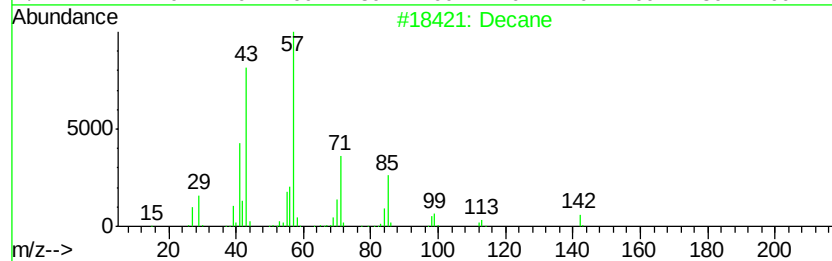
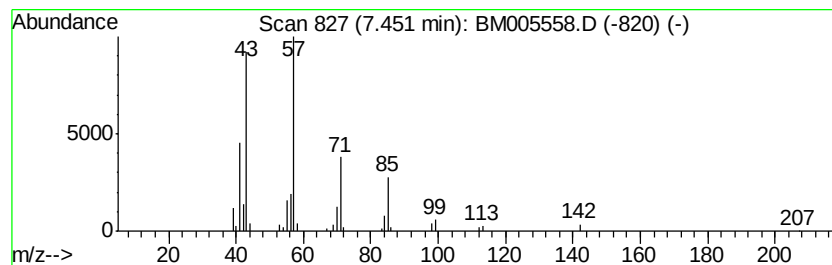
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	7.95 ng/ul	212863	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	93
3		Nonane	128	C9H20	000111-84-2	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Tridecane	184	C13H28	000629-50-5	83



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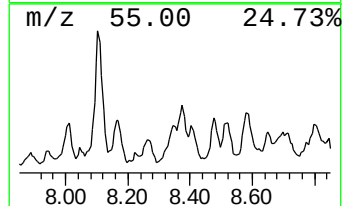
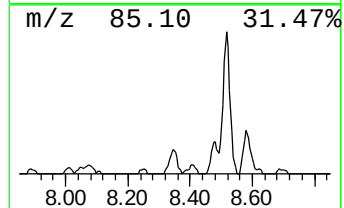
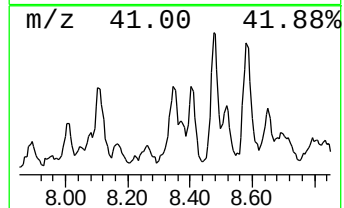
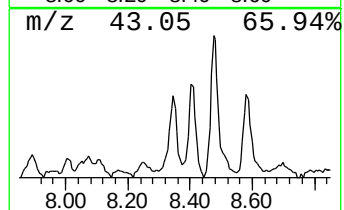
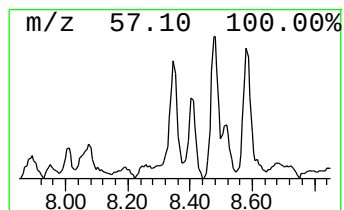
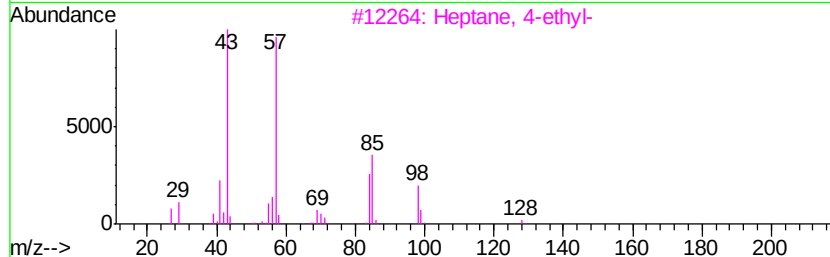
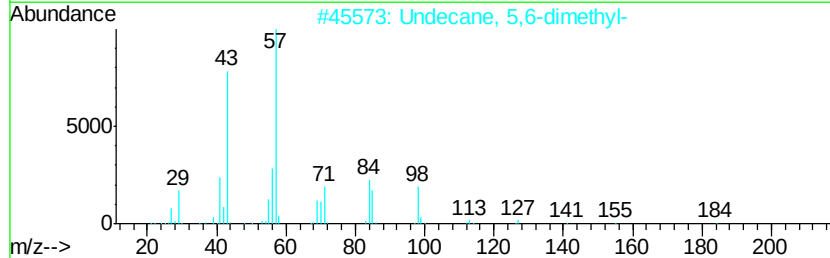
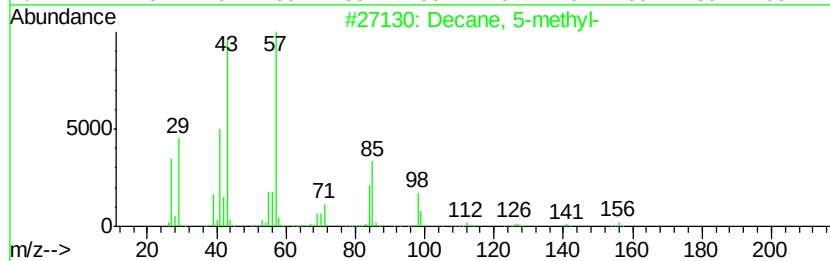
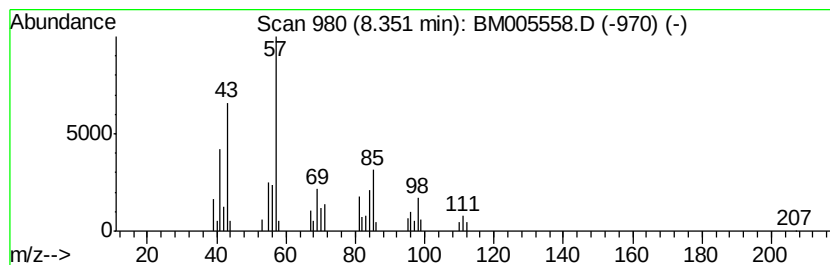
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.01 ng/ul	80545	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
5		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43



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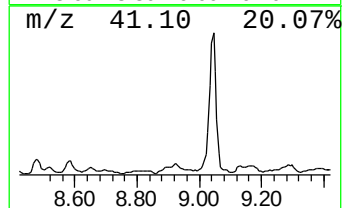
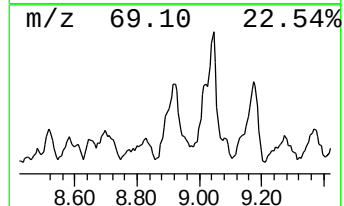
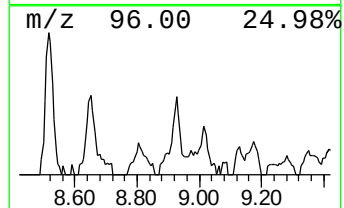
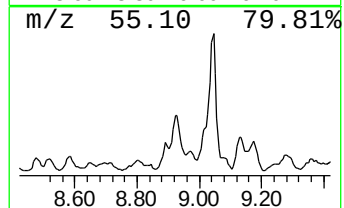
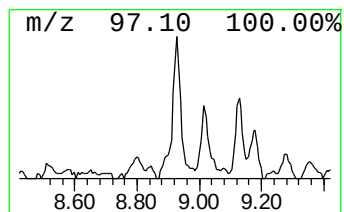
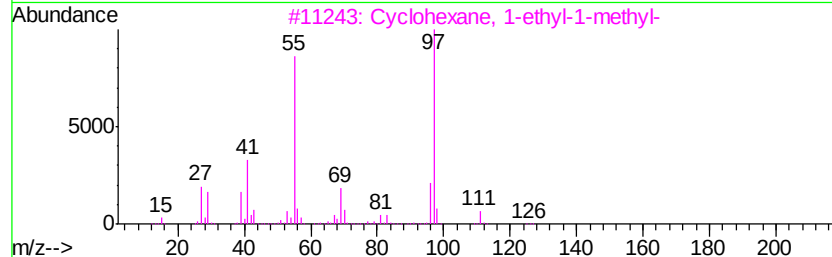
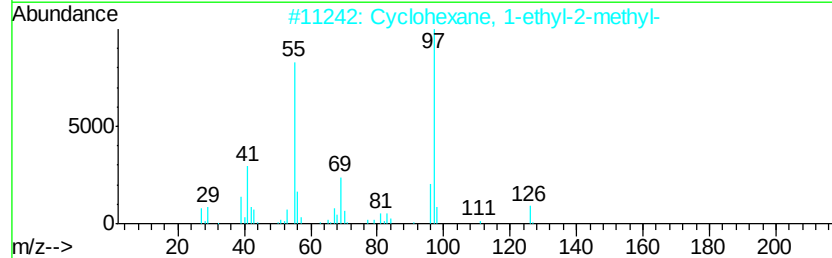
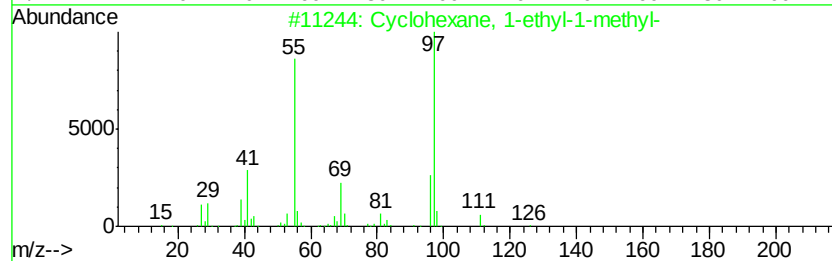
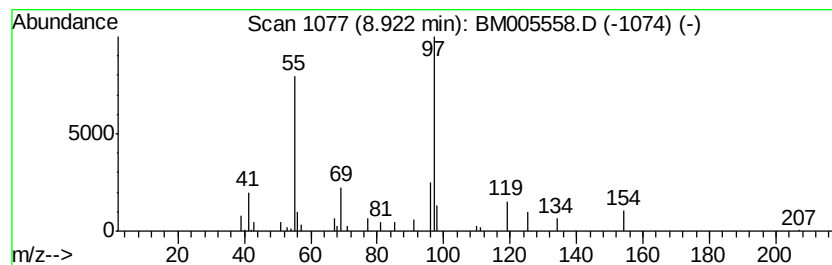
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Peak Number 4 (DEL) Alkane: Cyclic8.92 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	2.98 ng/ul	79817	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	45
4		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	45
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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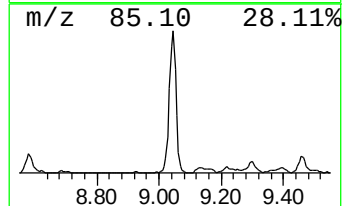
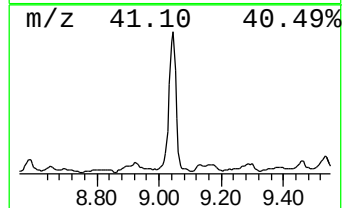
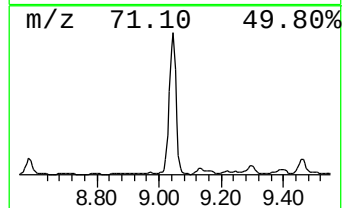
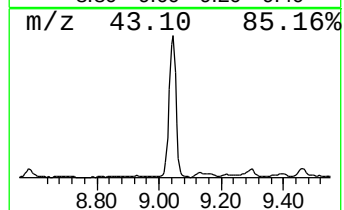
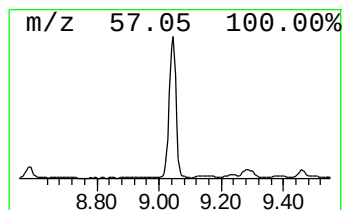
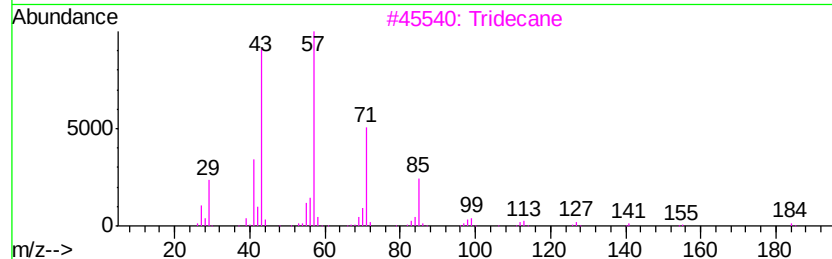
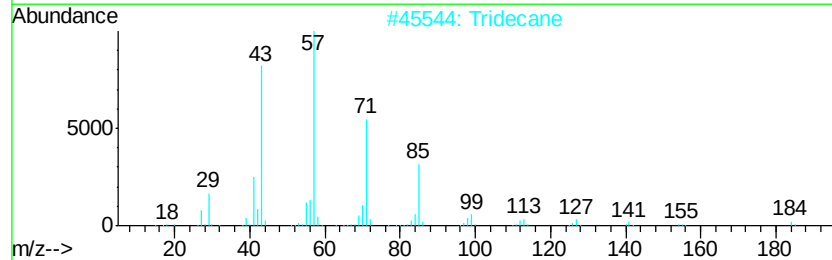
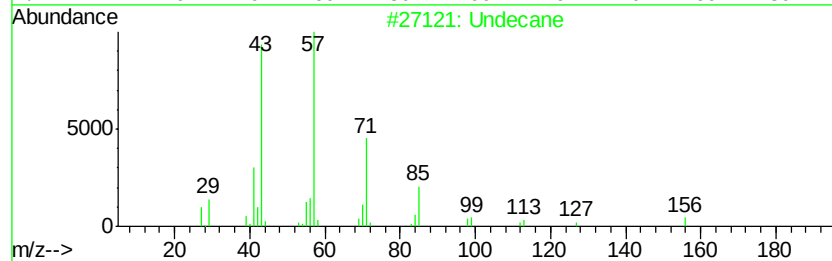
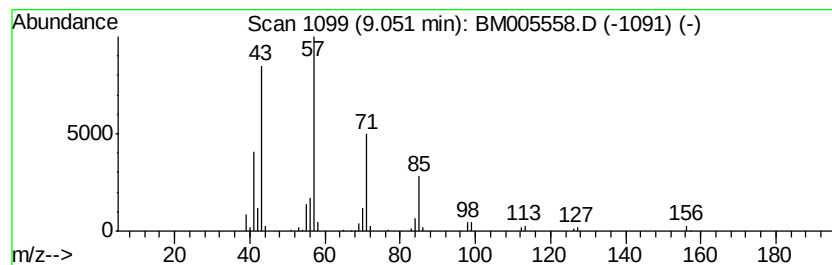
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	29.43 ng/ul	787625	1,4-Dichlorobenzene-d4	7.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Hexadecane		226	C16H34	000544-76-3	83
5	Hexadecane		226	C16H34	000544-76-3	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
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Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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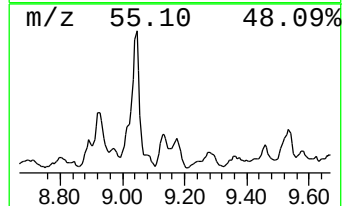
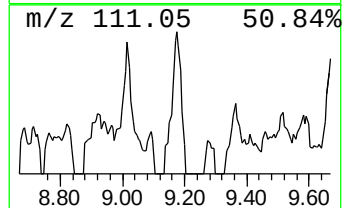
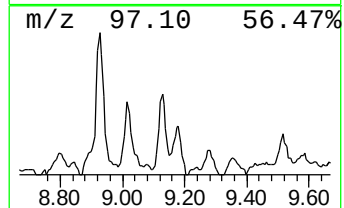
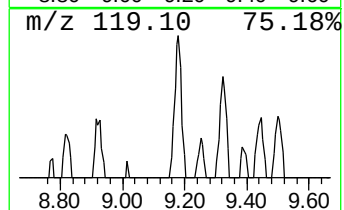
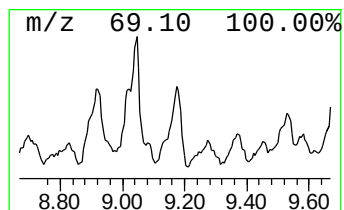
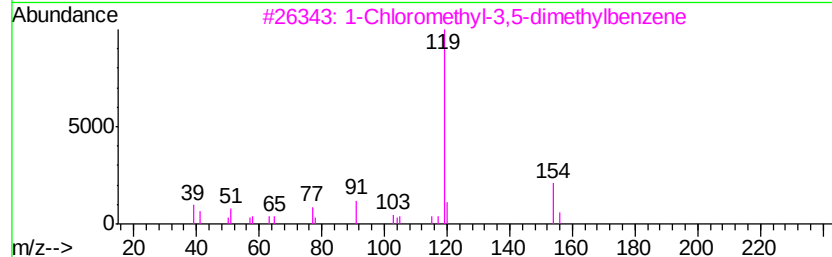
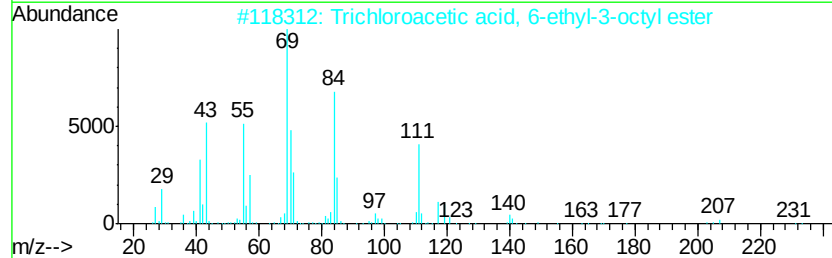
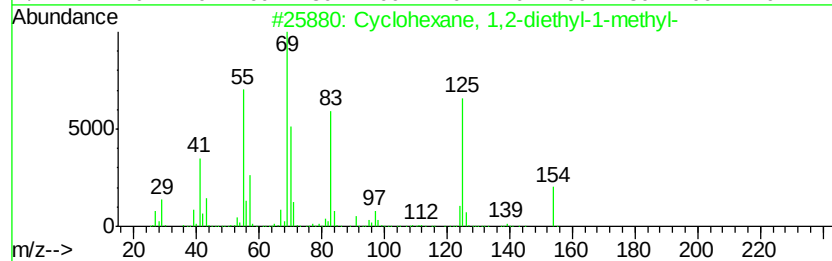
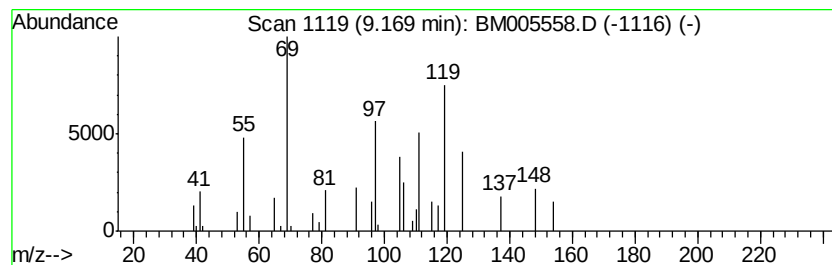
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic9.17 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.15 ng/ul	84364	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	27
2		Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	17
3		1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	10
4		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	10
5		4-Aminostyrene	119	C8H9N	001520-21-4	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

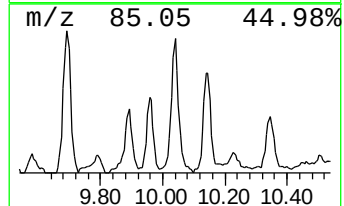
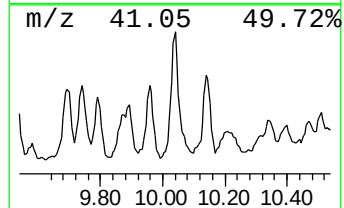
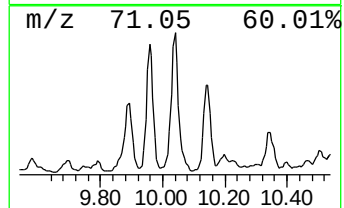
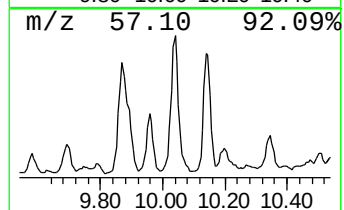
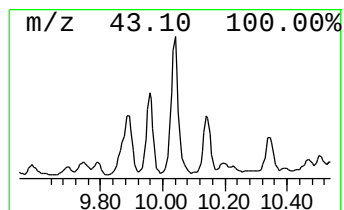
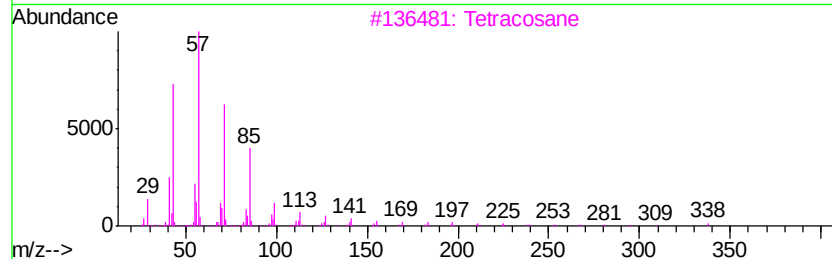
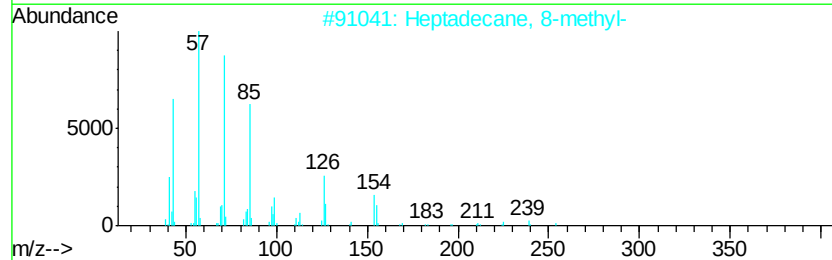
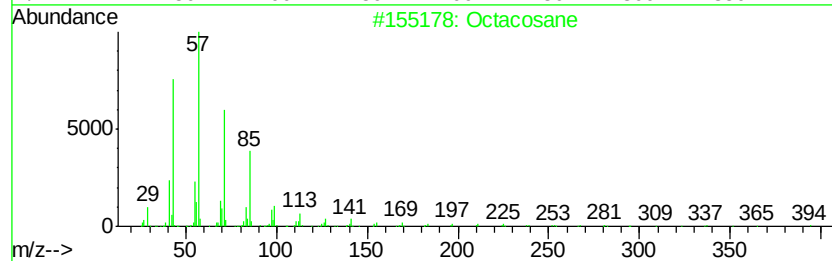
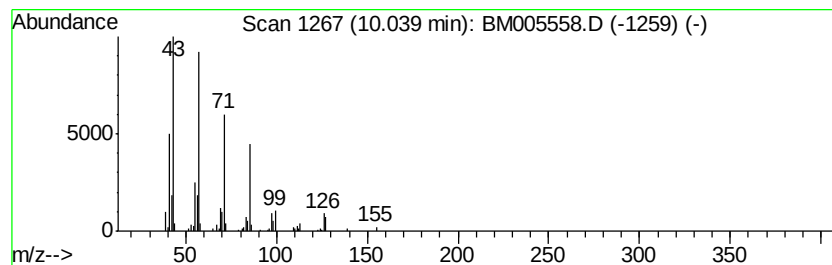
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.40 ng/ul	296653	Napthalene-d8	10.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 80
2		Heptadecane, 8-methyl-	254 C18H38	013287-23-5 80
3		Tetracosane	338 C24H50	000646-31-1 72
4		Hexadecane	226 C16H34	000544-76-3 72
5		Decane, 2,3,7-trimethyl-	184 C13H28	062238-13-5 72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

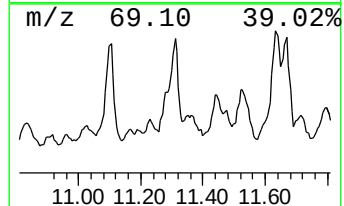
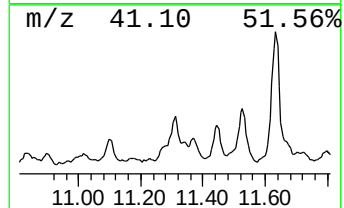
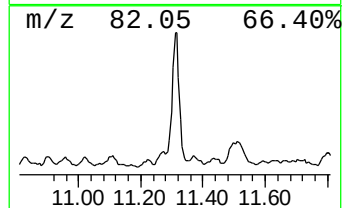
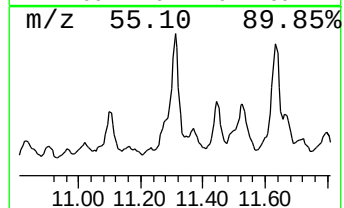
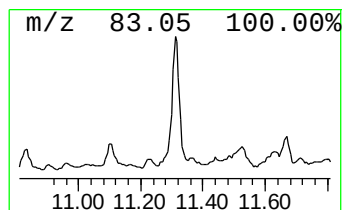
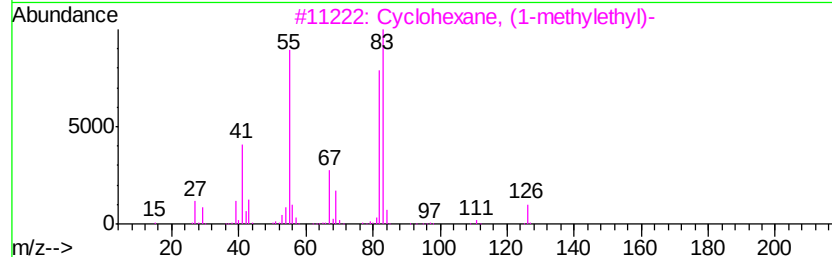
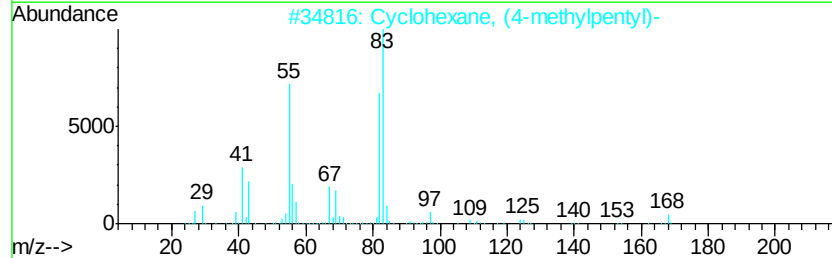
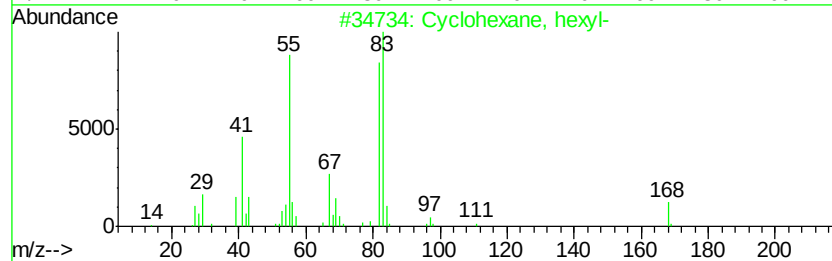
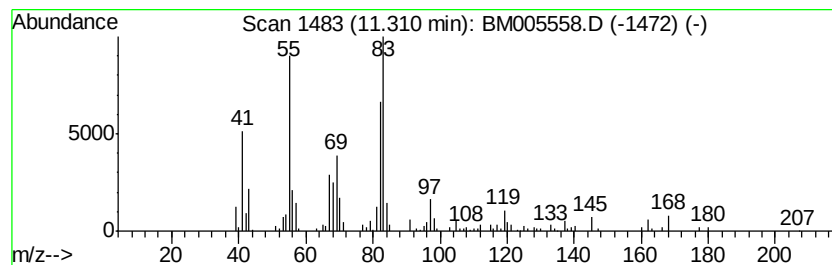
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic11.31 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.31	4.80 ng/ul	593787	Napthalene-d8	10.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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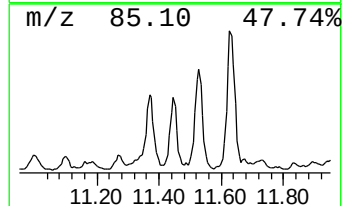
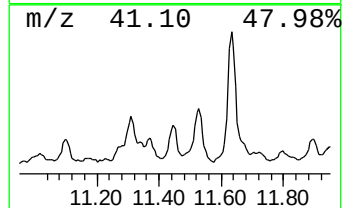
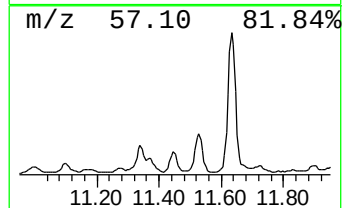
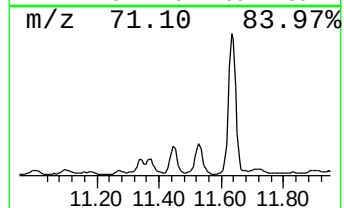
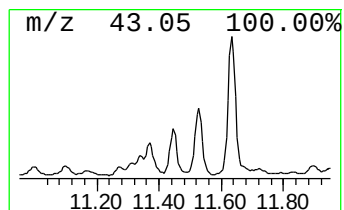
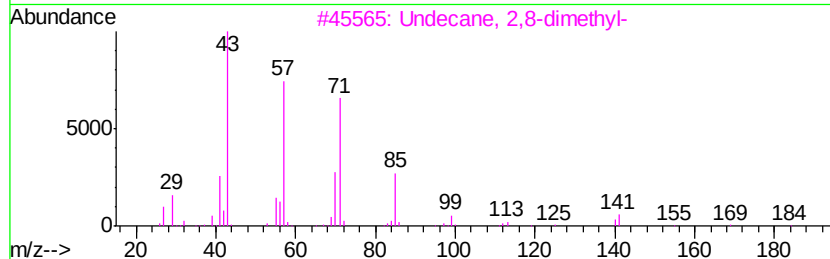
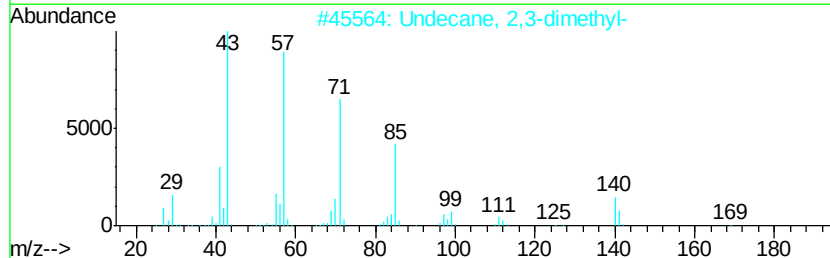
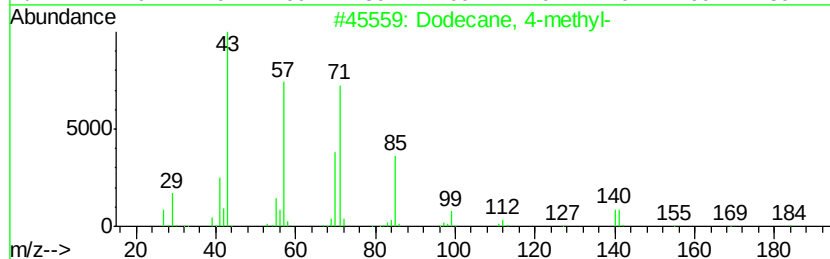
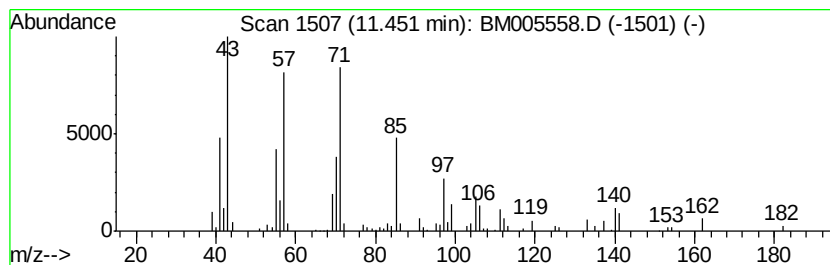
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.34 ng/ul	289367	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59
3		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
5		Eicosane	282	C20H42	000112-95-8	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
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Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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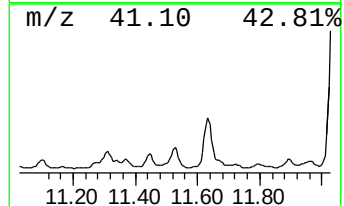
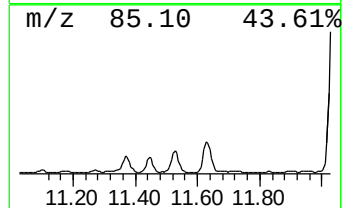
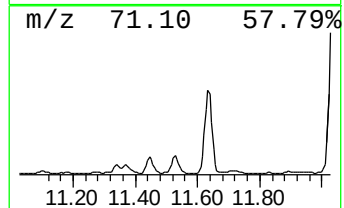
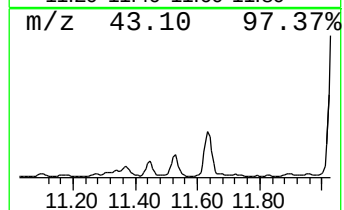
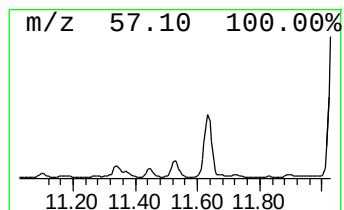
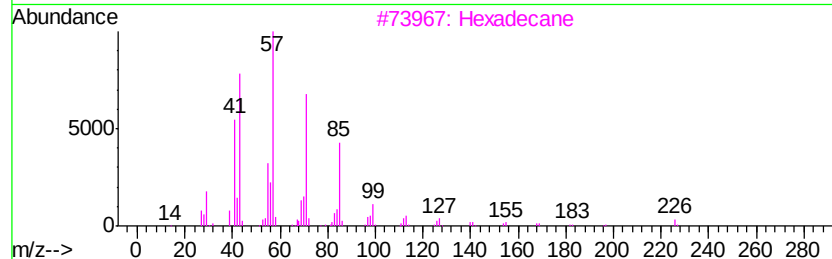
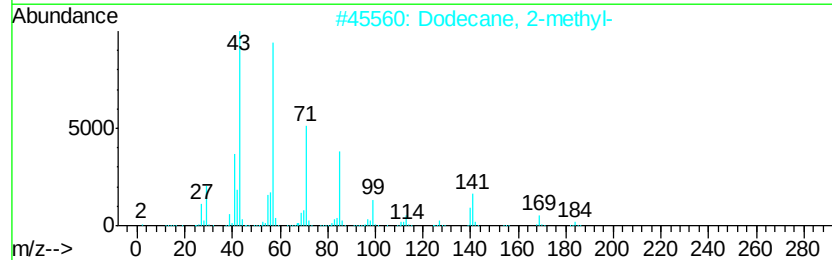
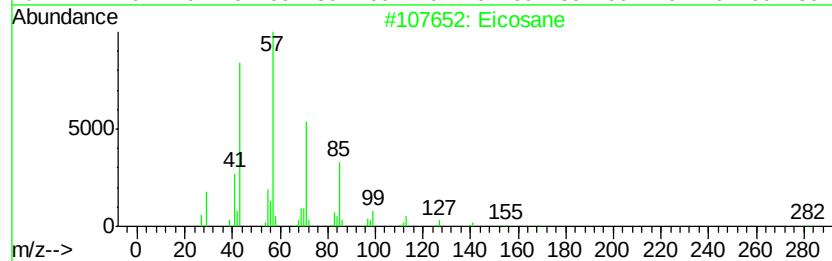
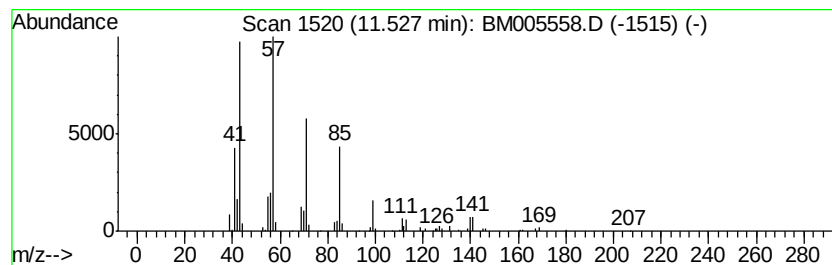
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.00 ng/ul	370774	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	80
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	72
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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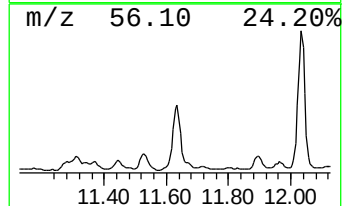
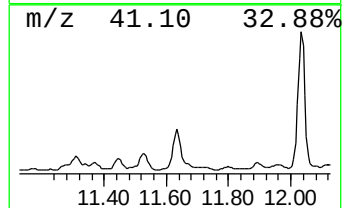
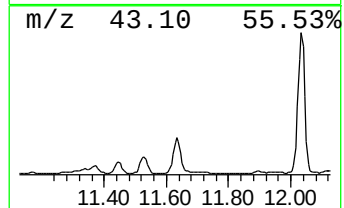
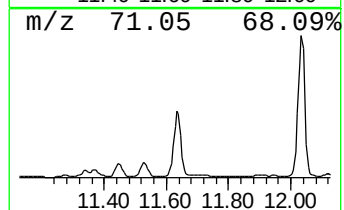
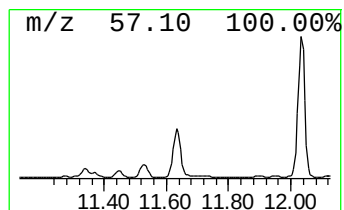
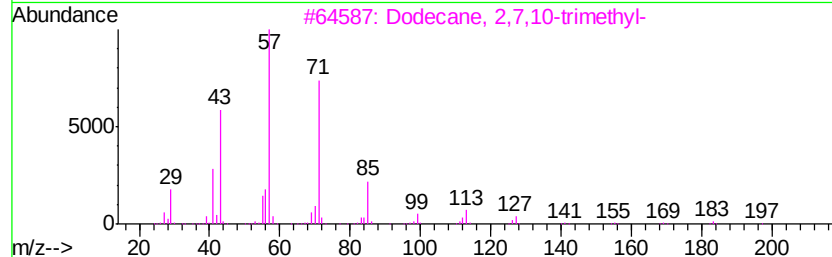
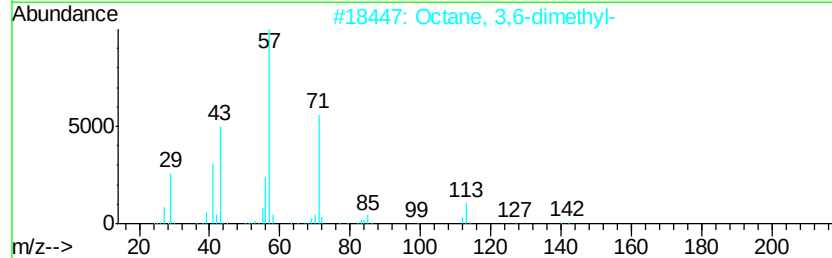
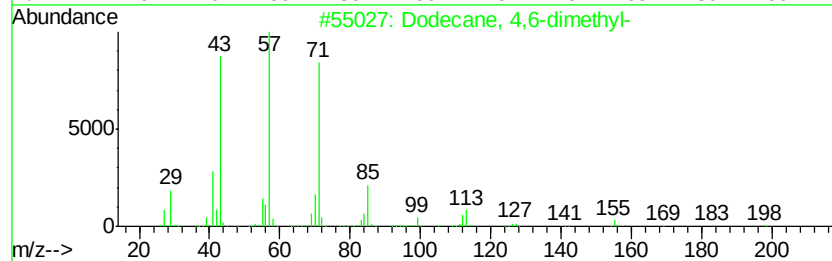
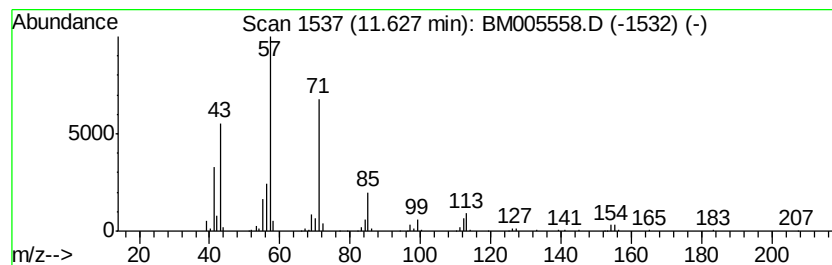
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	7.48 ng/ul	924588	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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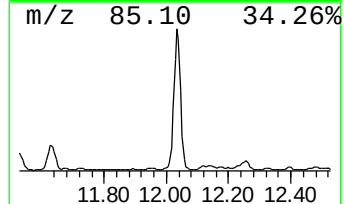
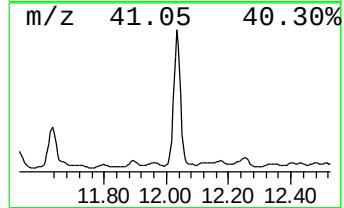
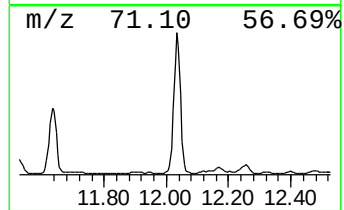
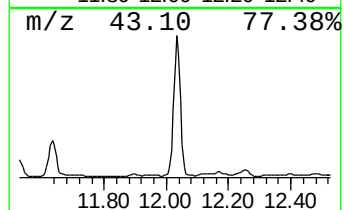
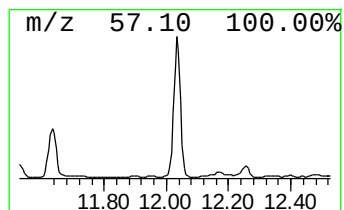
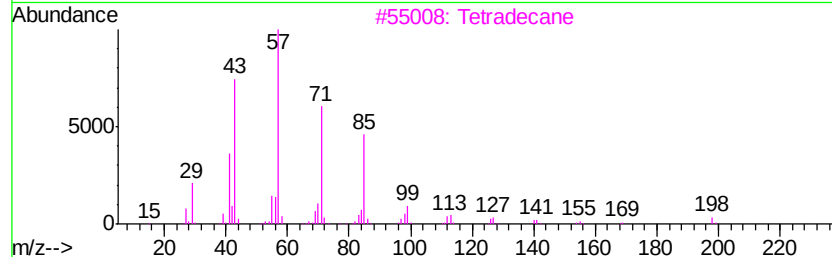
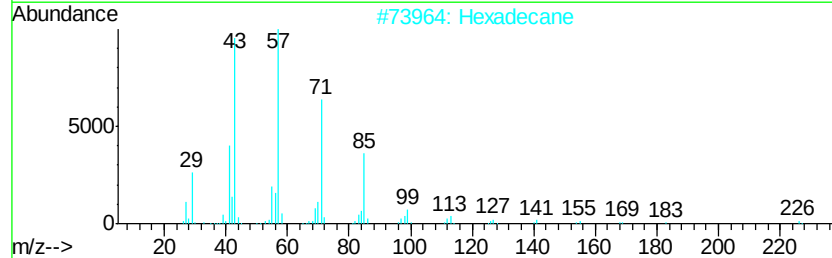
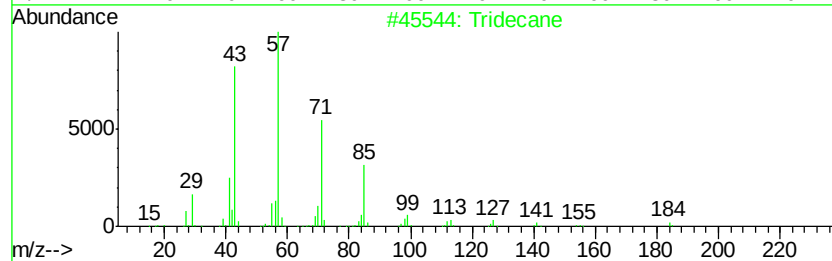
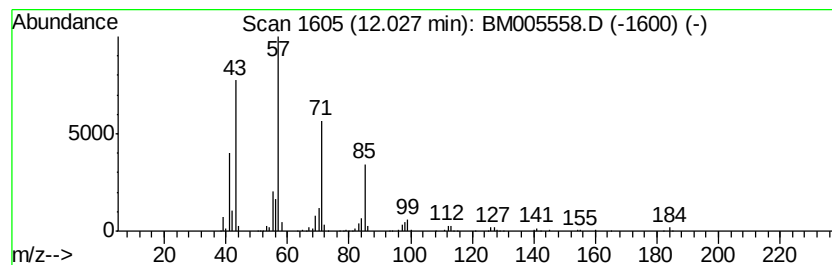
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.39 ng/ul	2397460	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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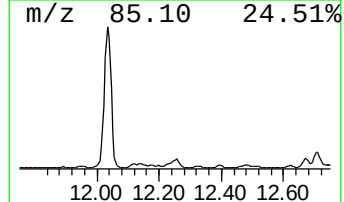
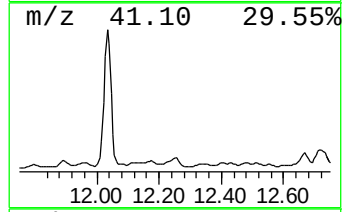
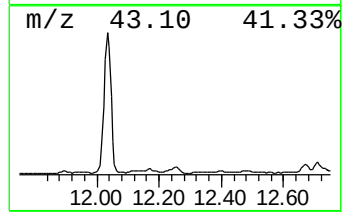
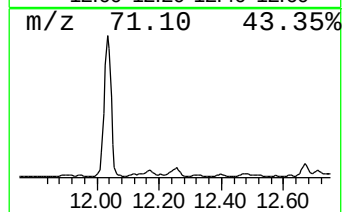
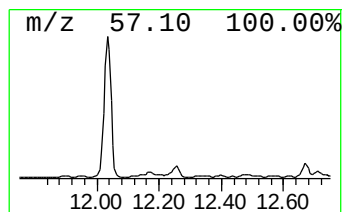
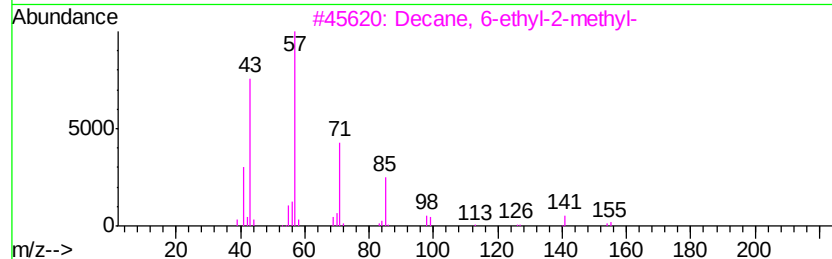
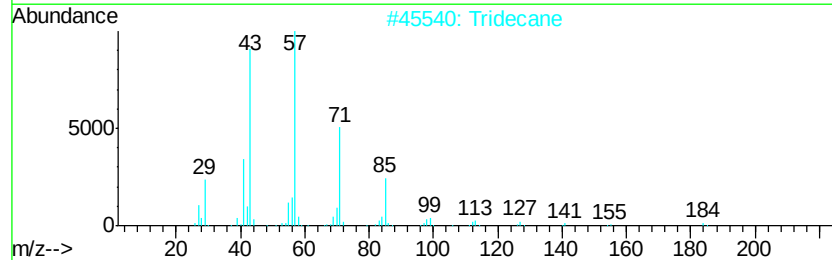
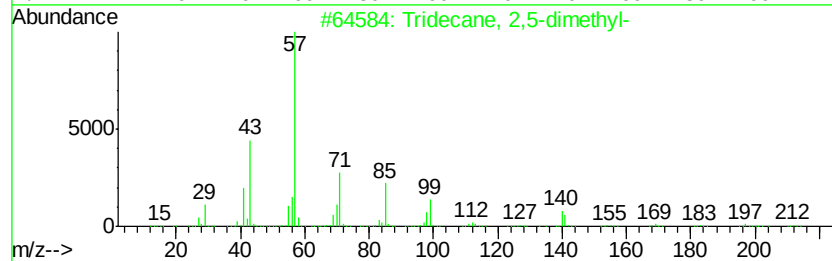
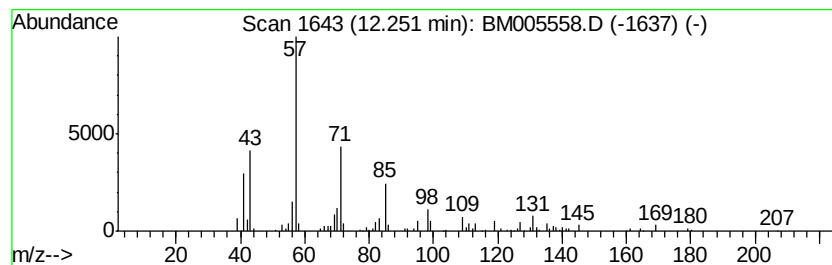
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.44 ng/ul	302017	Naphthalene-d8	10.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	64
2			Tridecane	184	C13H28	000629-50-5	53
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
4			Decane	142	C10H22	000124-18-5	50
5			Tetratriacontane	479	C34H70	014167-59-0	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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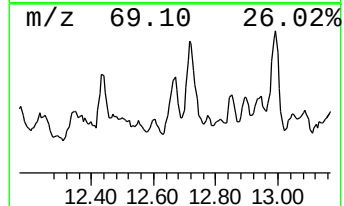
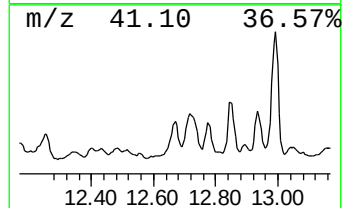
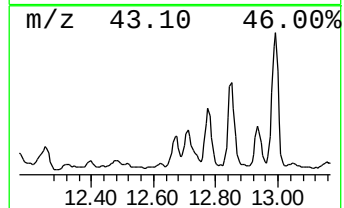
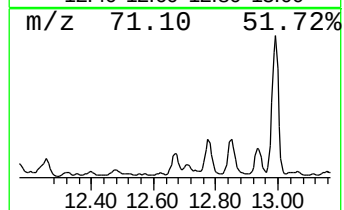
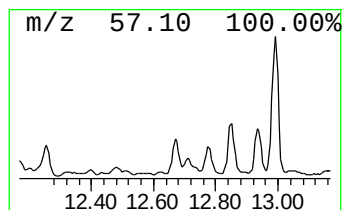
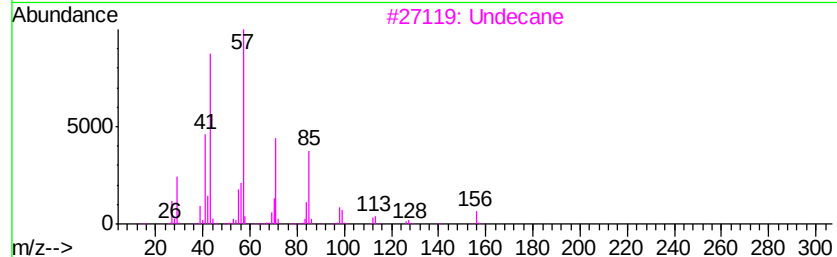
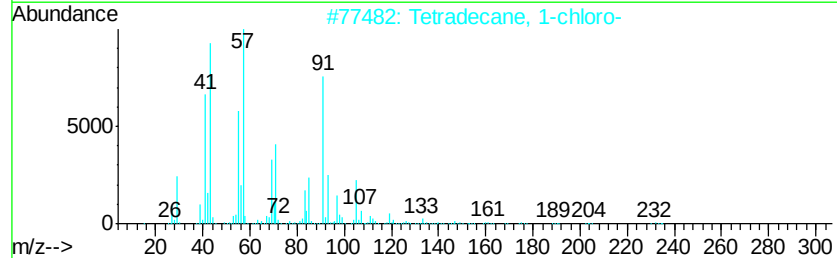
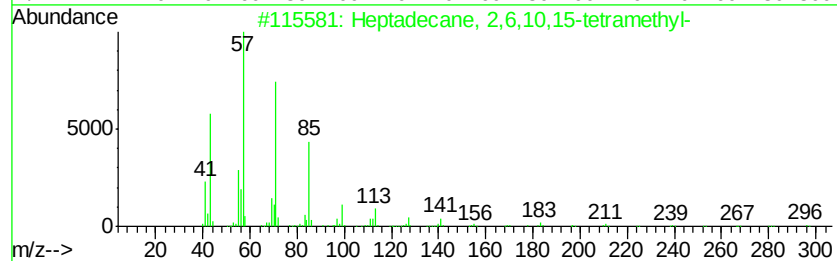
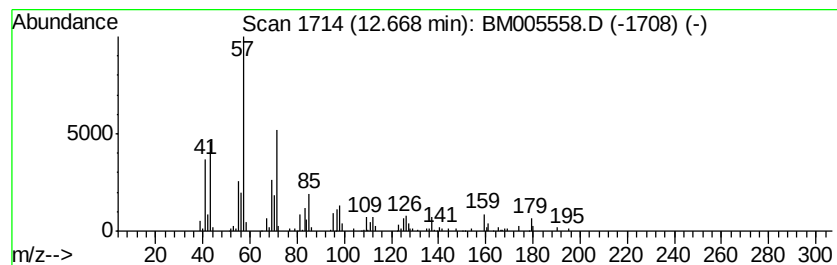
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.27 ng/ul	280686	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
2		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	50
3		Undecane	156	C11H24	001120-21-4	47
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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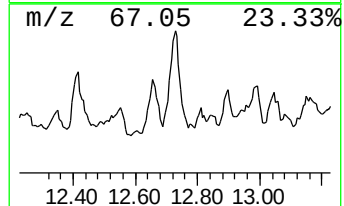
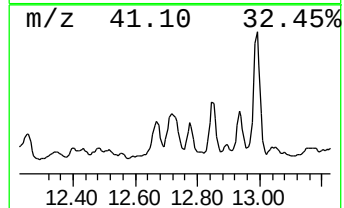
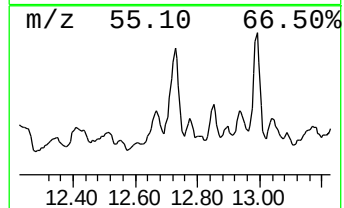
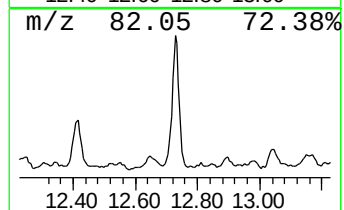
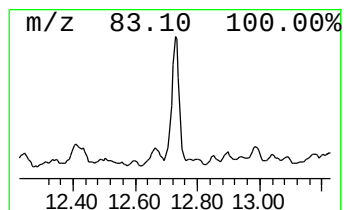
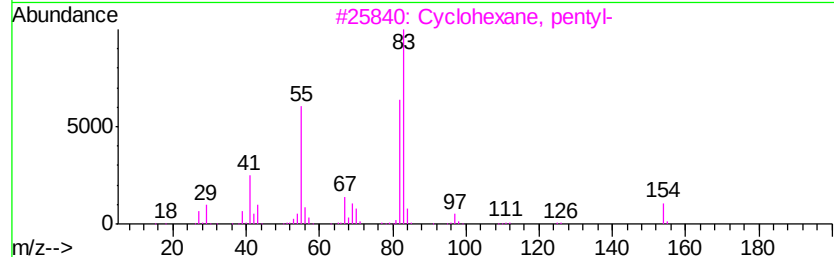
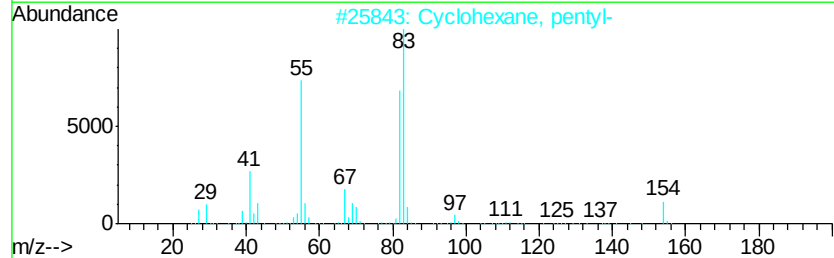
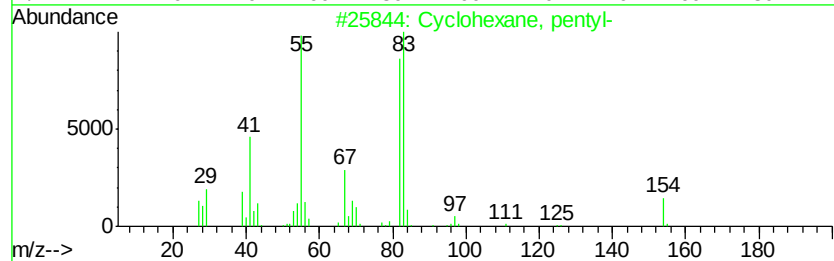
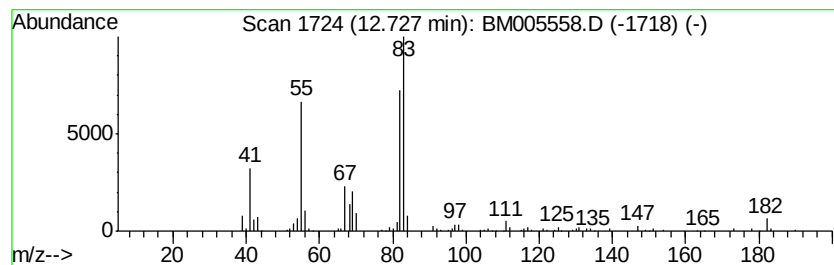
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.35 ng/ul	417608	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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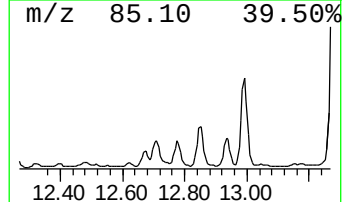
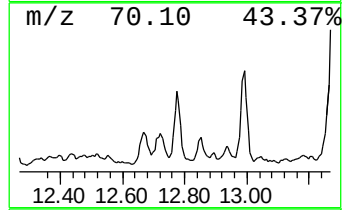
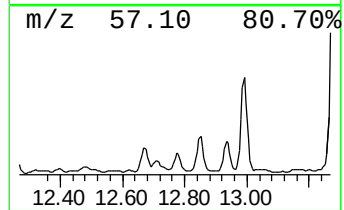
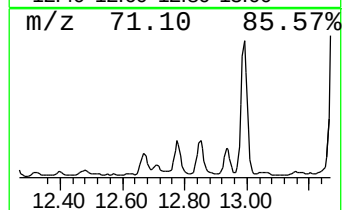
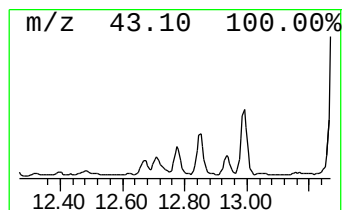
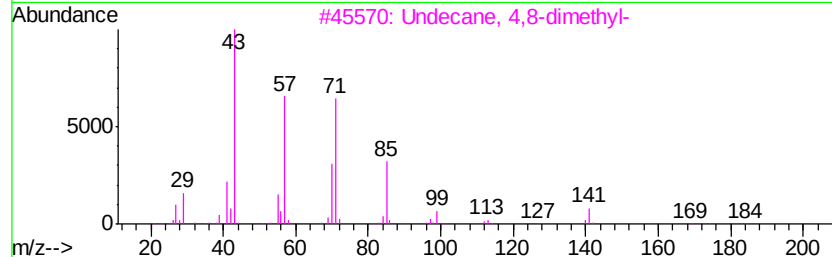
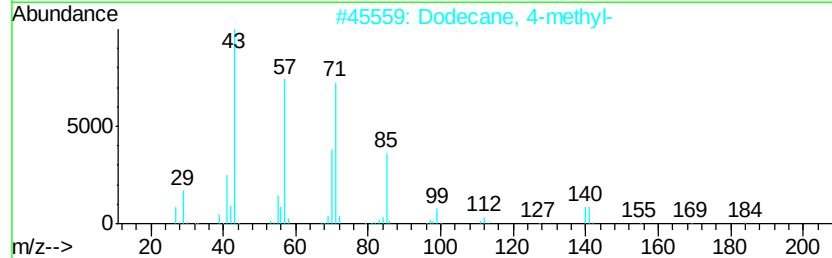
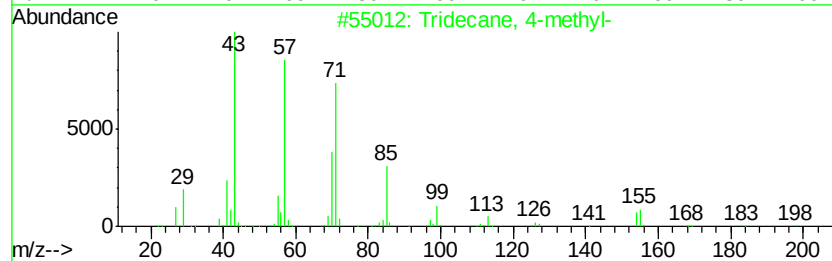
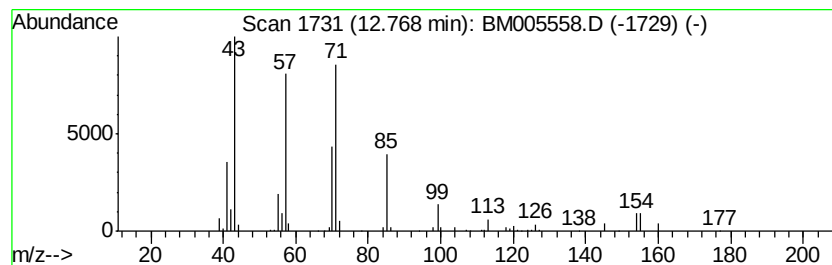
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.27 ng/ul	215049	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
4		2,3-Dimethyldodecane	198	C14H30	006117-98-2	64
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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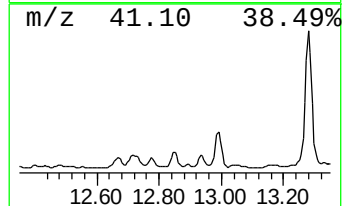
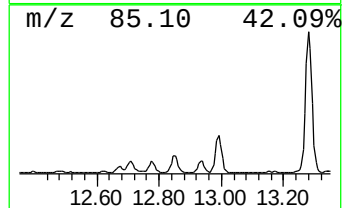
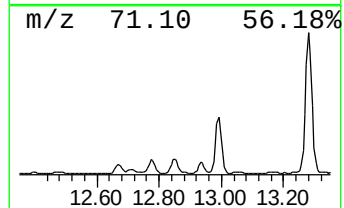
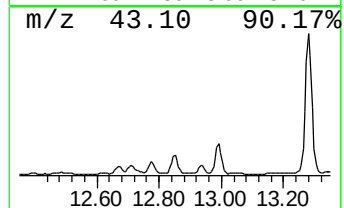
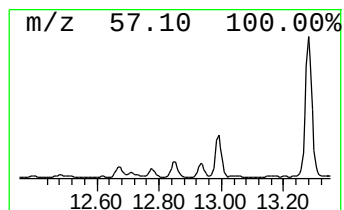
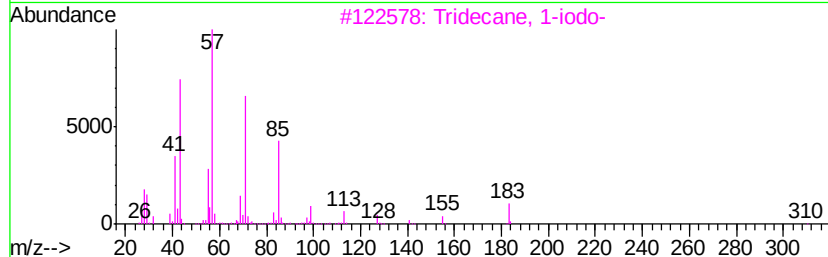
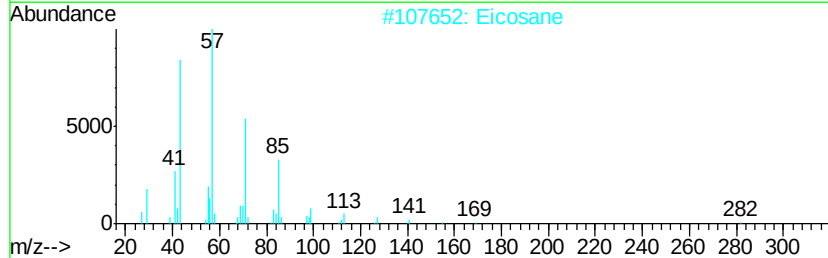
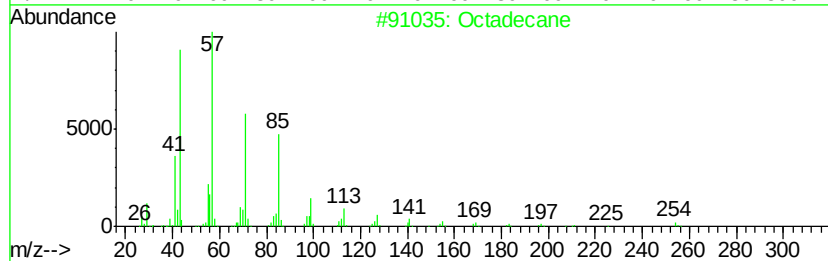
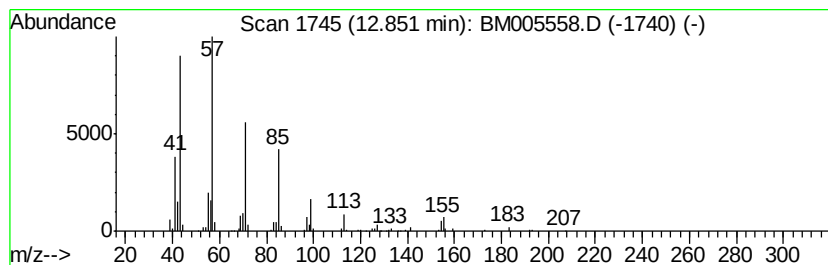
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	5.03 ng/ul	330924	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Eicosane	282	C20H42	000112-95-8	83
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5			Decane, 3-methyl-	156	C11H24	013151-34-3	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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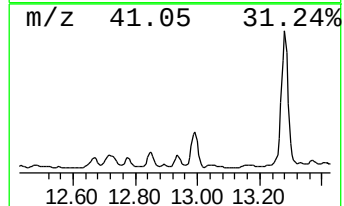
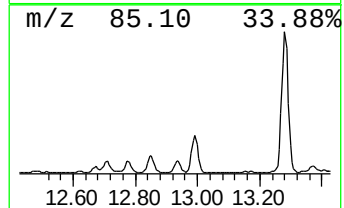
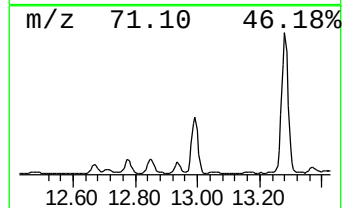
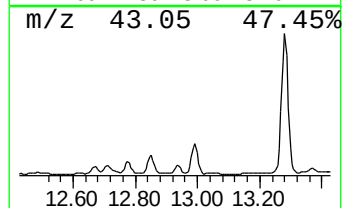
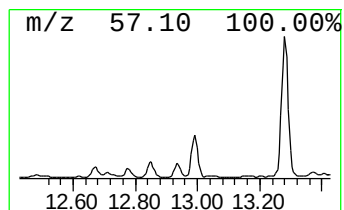
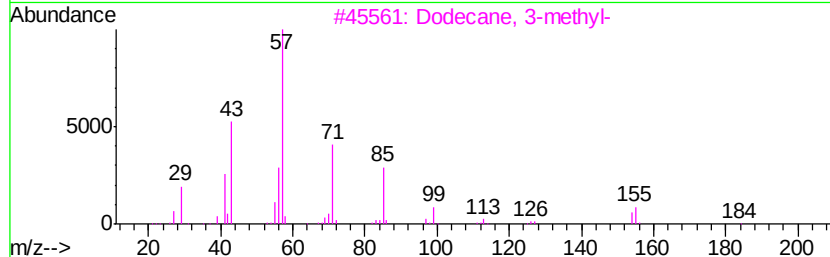
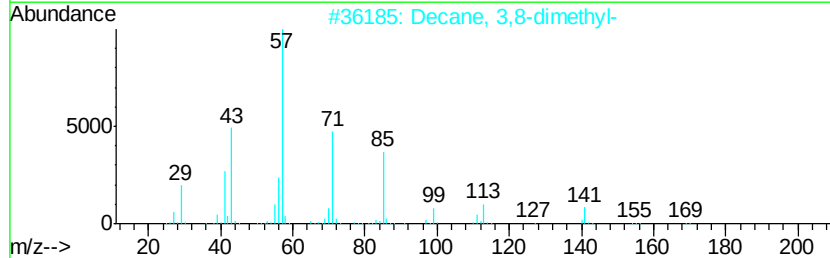
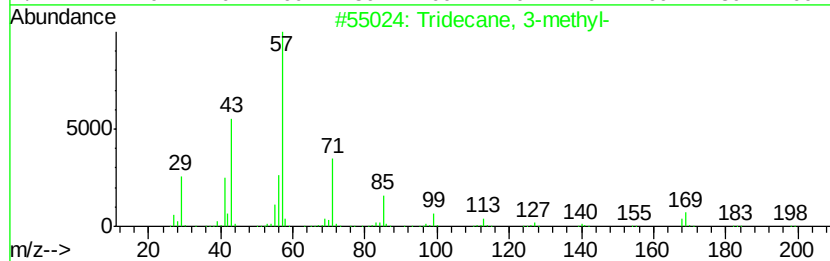
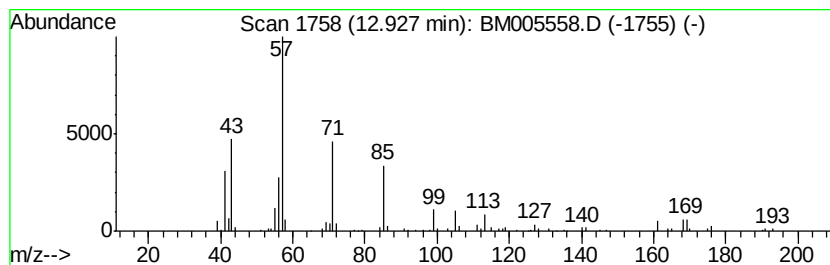
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.19 ng/ul	275557	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

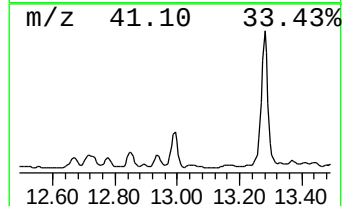
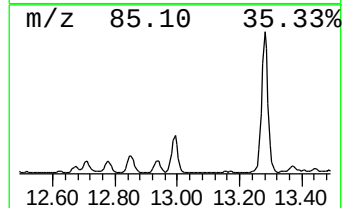
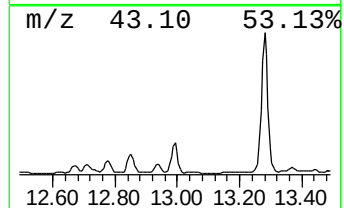
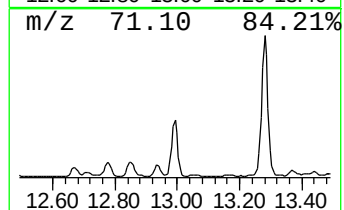
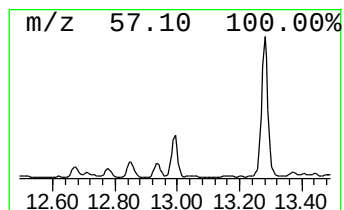
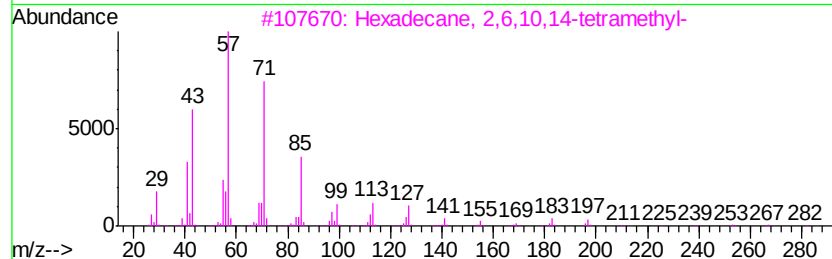
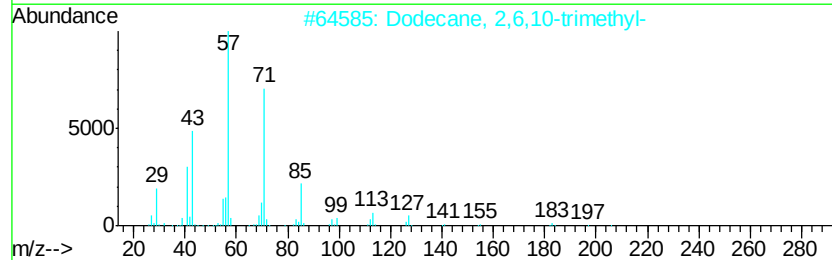
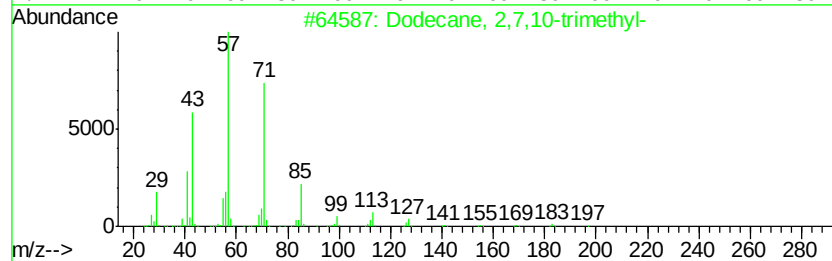
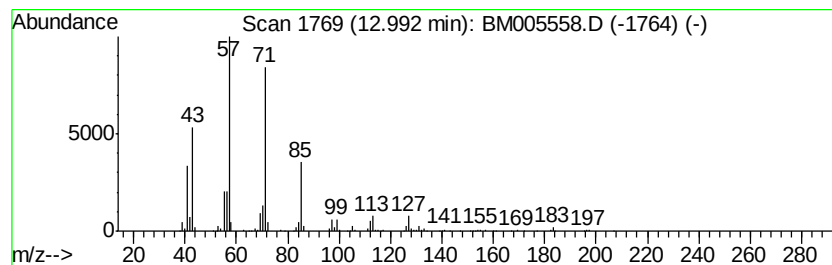
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	13.46 ng/ul	884623	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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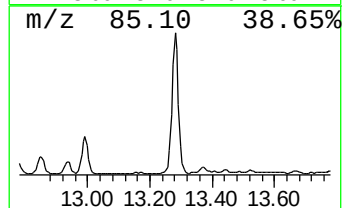
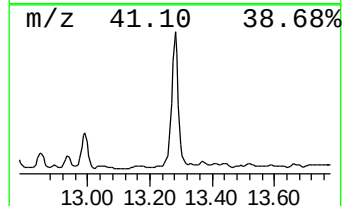
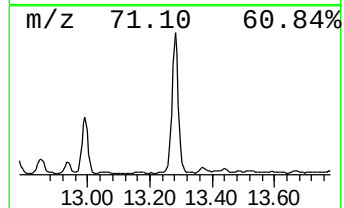
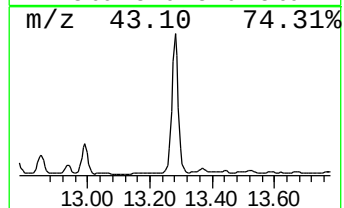
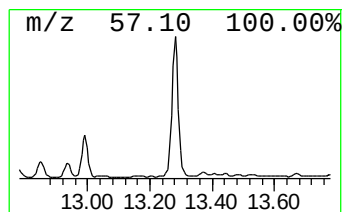
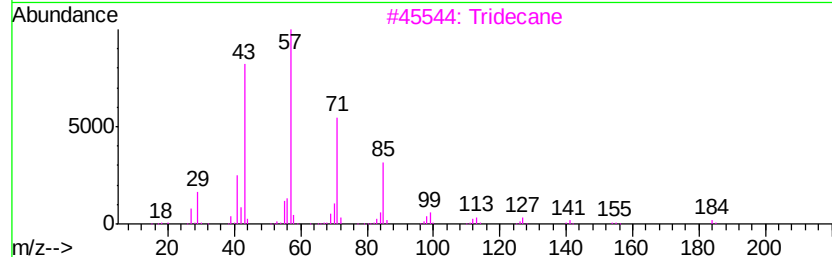
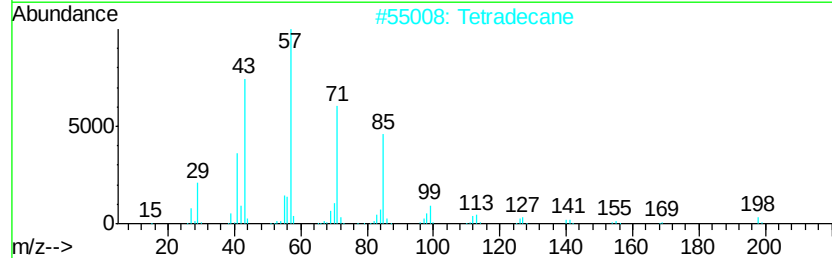
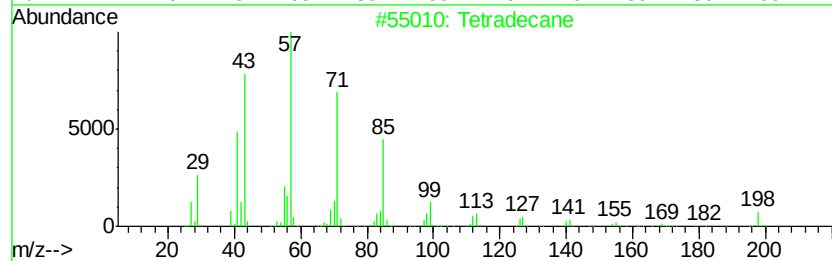
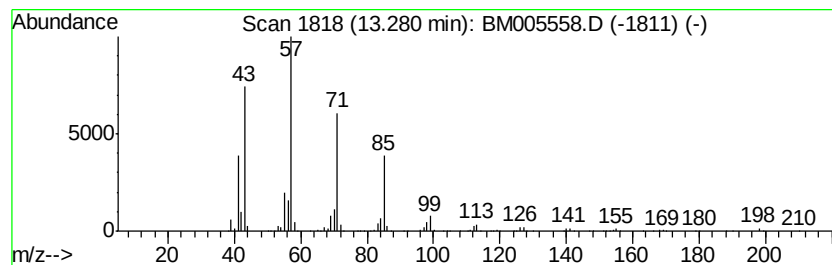
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	43.64 ng/ul	2869060	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
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Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

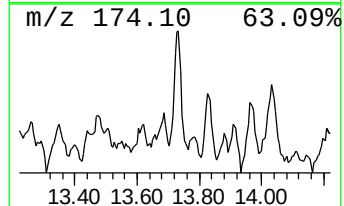
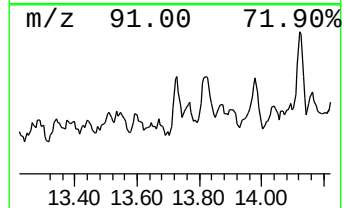
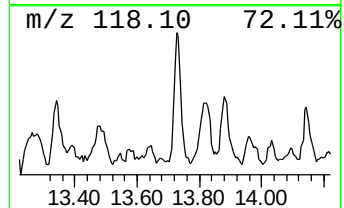
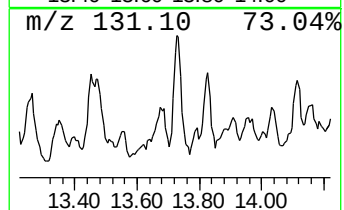
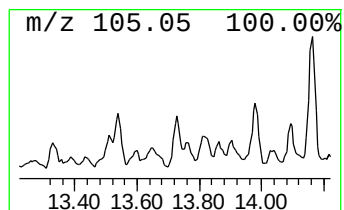
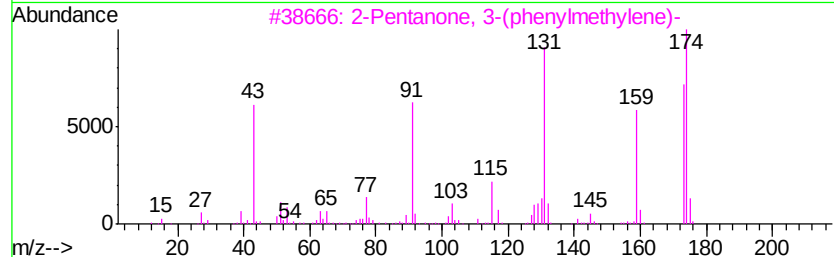
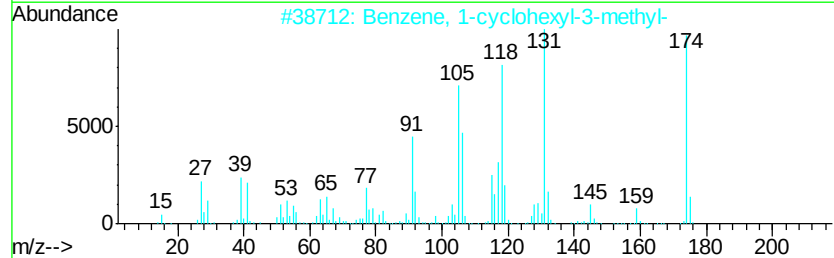
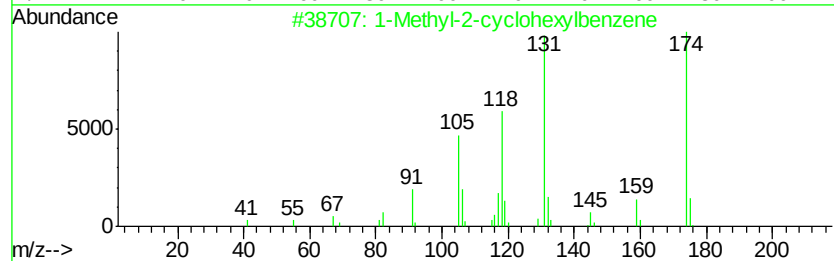
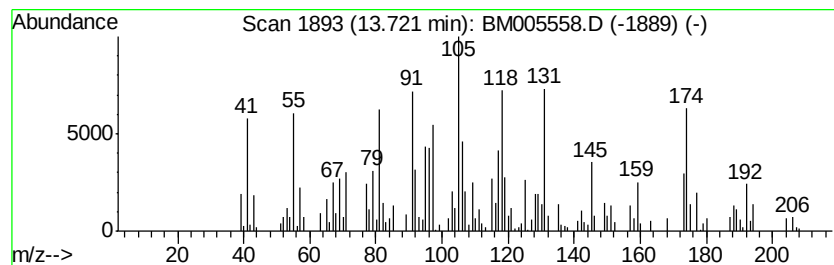
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.81 ng/ul	184499	Acenaphthene-d10	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyl-2-cyclohexylbenzene	174 C13H18	004501-35-3 45
2		Benzene, 1-cyclohexyl-3-methyl-	174 C13H18	004575-46-6 27
3		2-Pentanone, 3-(phenylmethylene)-	174 C12H14O	003437-89-6 25
4		1H-1,3,2-Benzodiazaborole, 2-but...	174 C10H15BN2	031748-14-8 22
5		1,2-Naphthalenediol, 2-ethyl-1,2...	206 C13H18O2	056588-34-2 15



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
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Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

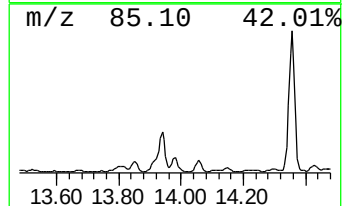
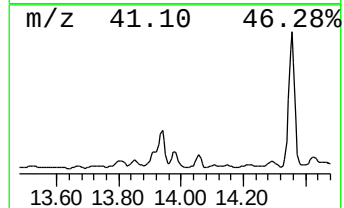
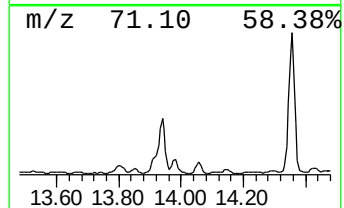
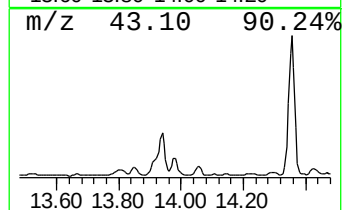
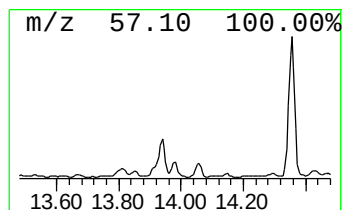
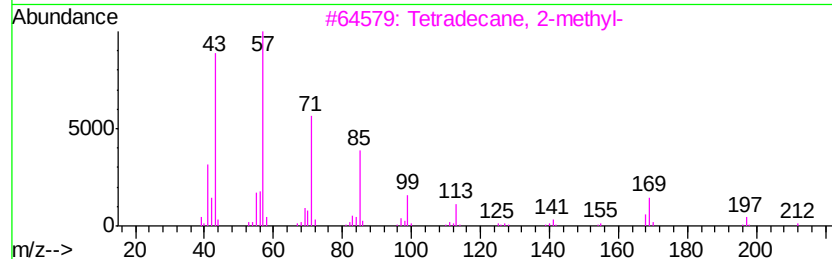
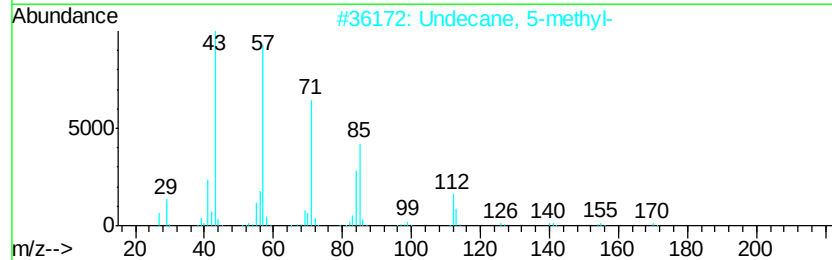
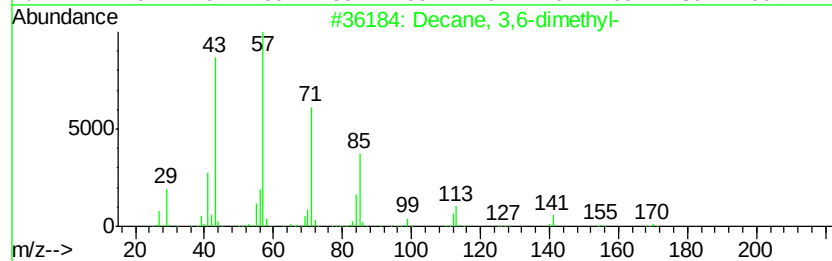
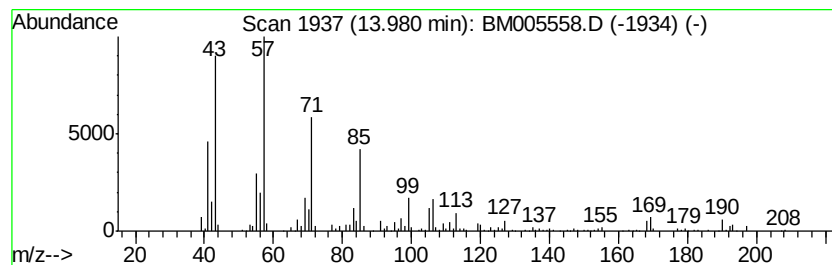
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	6.75 ng/ul	443710	Acenaphthene-d10	14.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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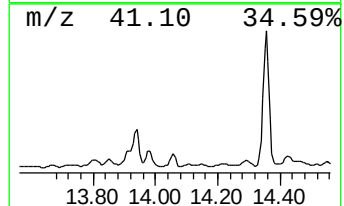
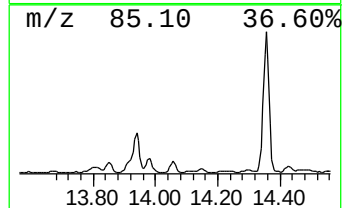
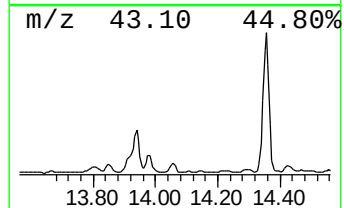
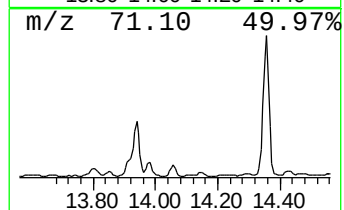
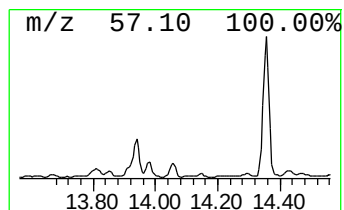
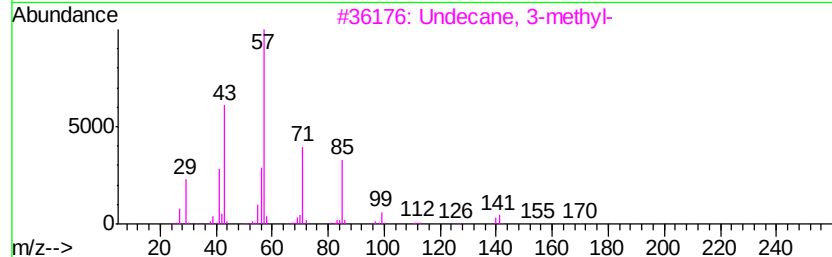
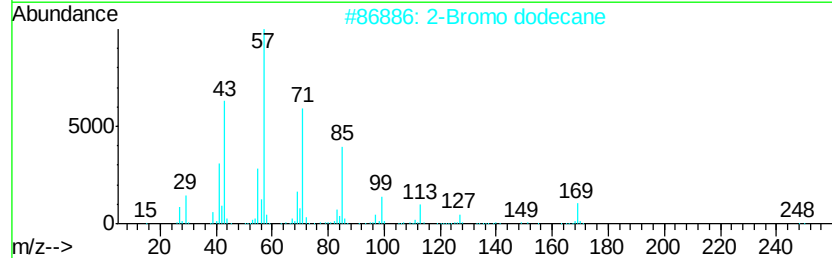
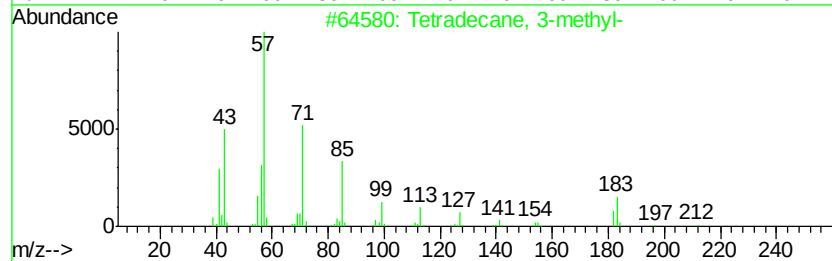
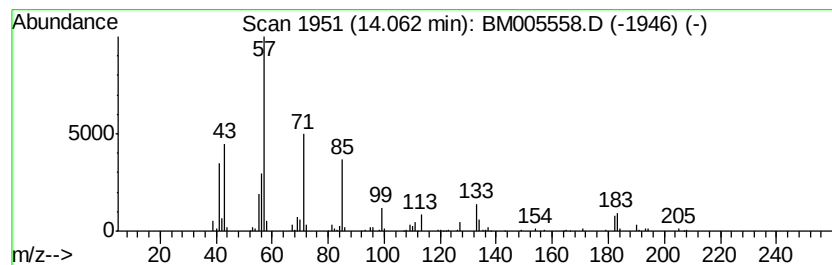
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	4.17 ng/ul	274193	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	90
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Decane, 3-methyl-	156	C11H24	013151-34-3	59
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
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Sample : H3086-06
Misc :
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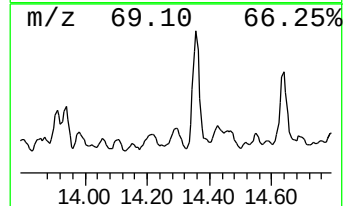
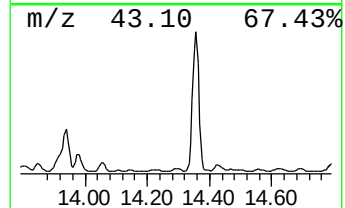
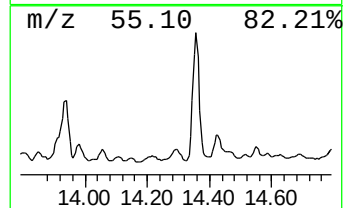
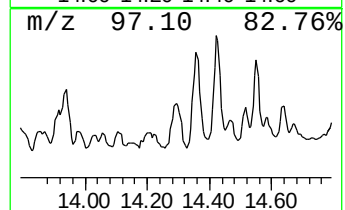
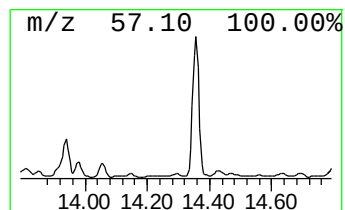
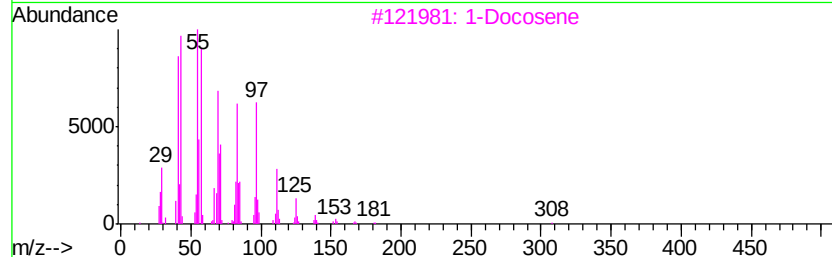
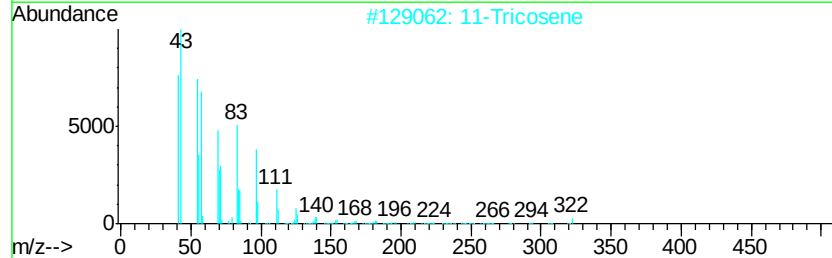
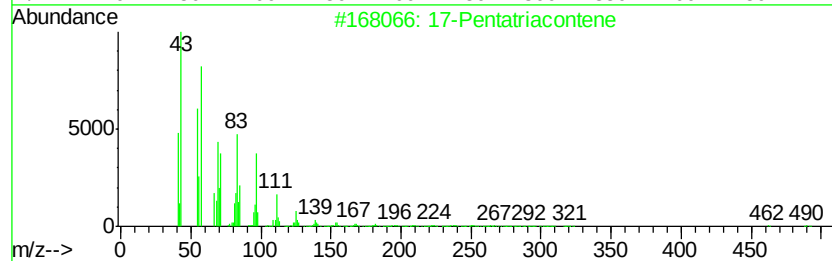
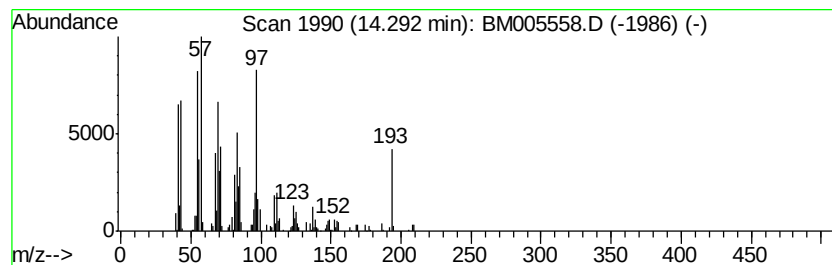
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic14.29 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.87 ng/ul	254142	Acenaphthene-d10	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 49
2	11-Tricosene	322	C23H46	052078-56-5 43
3	1-Docosene	308	C22H44	001599-67-3 41
4	5-Eicosene, (E)-	280	C20H40	074685-30-6 38
5	Cycloheptane, methyl-	112	C8H16	004126-78-7 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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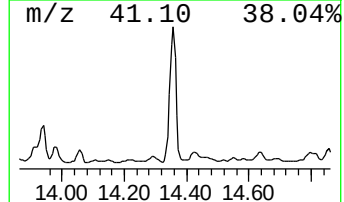
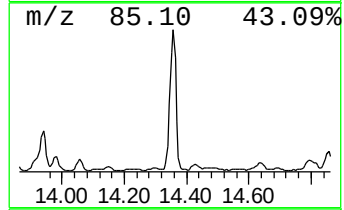
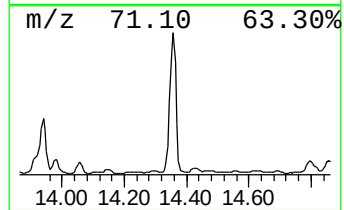
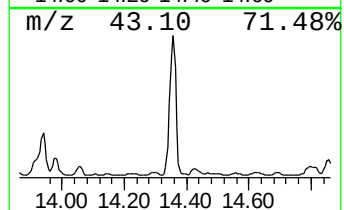
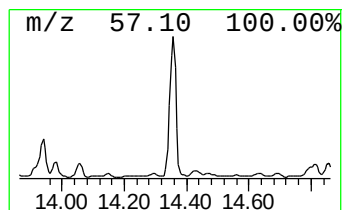
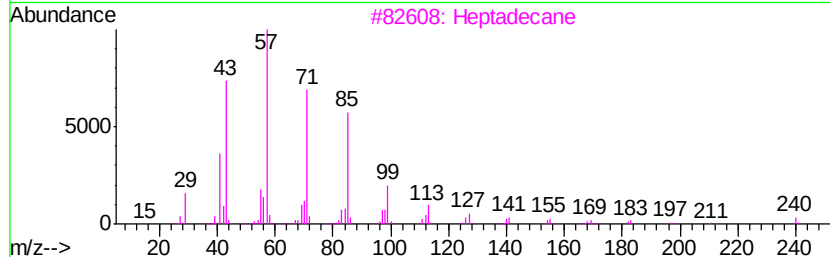
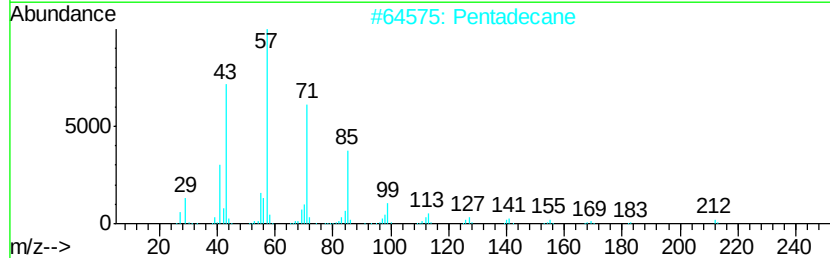
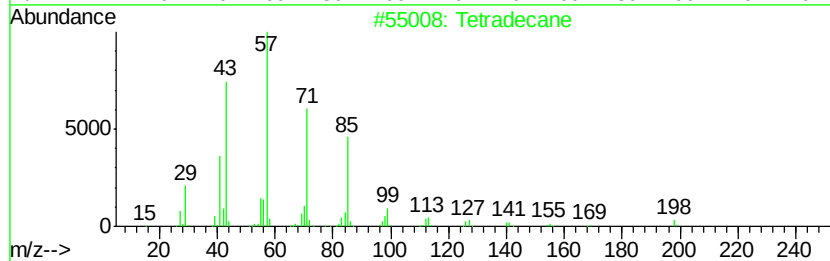
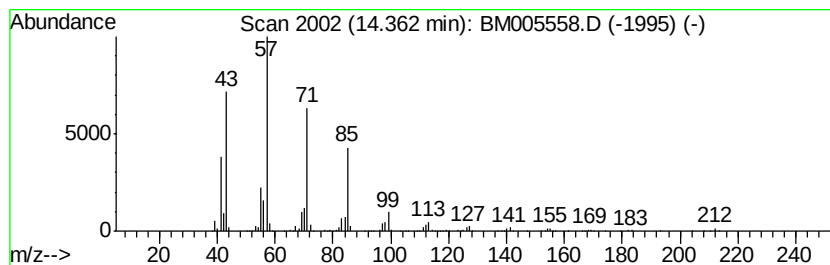
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	53.03 ng/ul	3486410	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

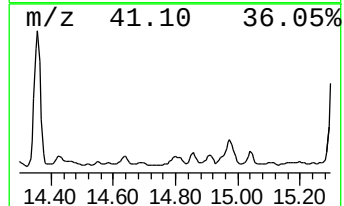
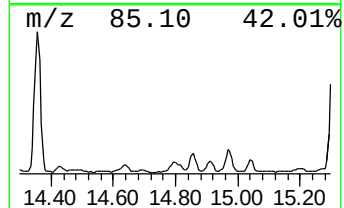
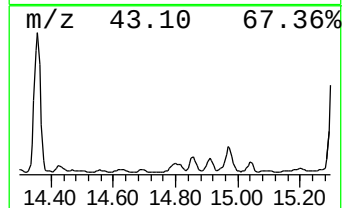
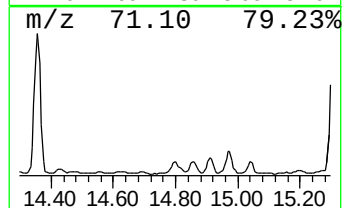
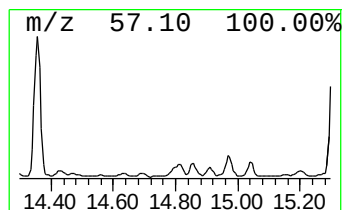
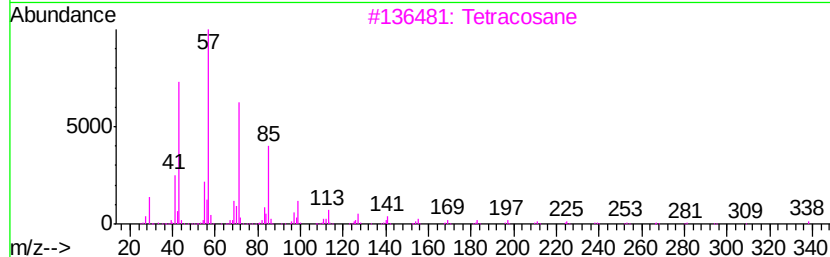
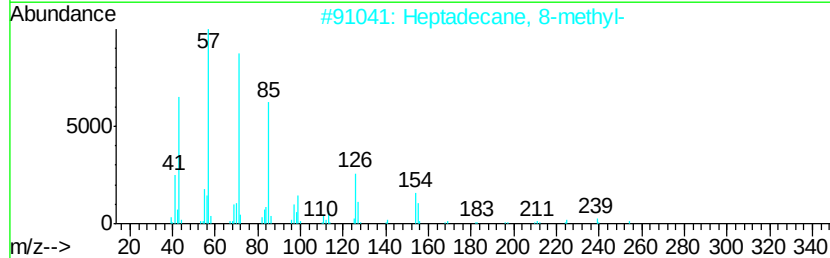
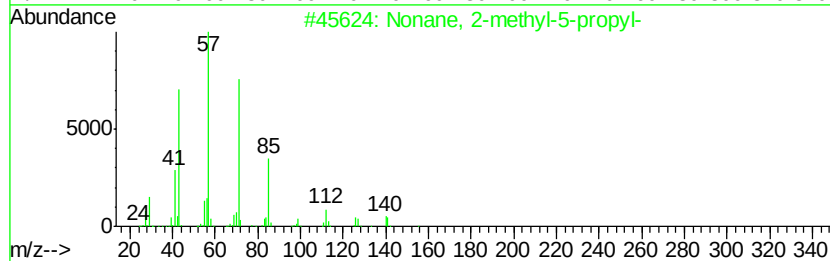
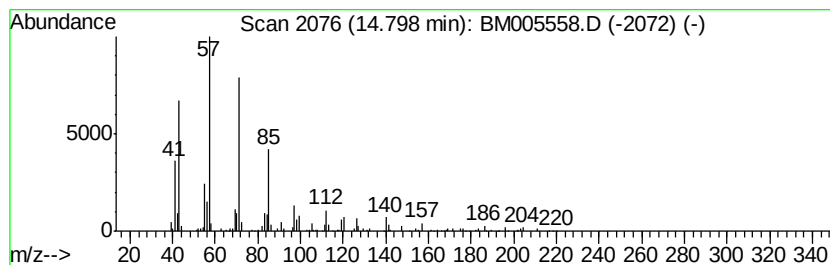
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.80	3.02 ng/ul	198298	Acenaphthene-d10		14.45	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	80
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
3		Tetracosane	338	C24H50	000646-31-1	64
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJO

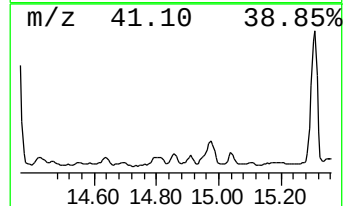
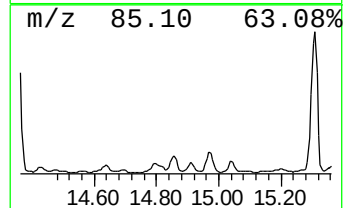
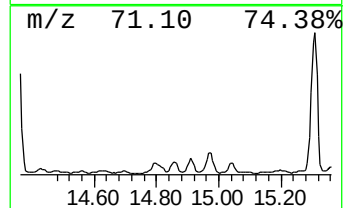
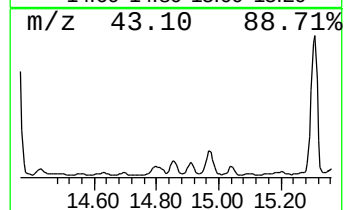
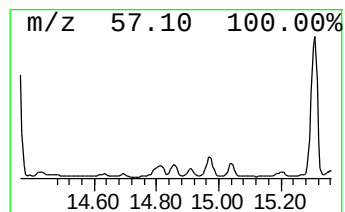
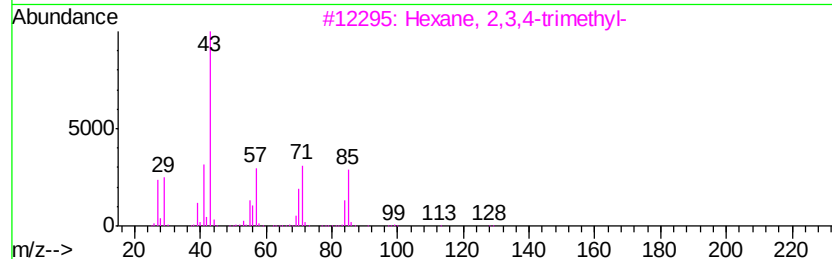
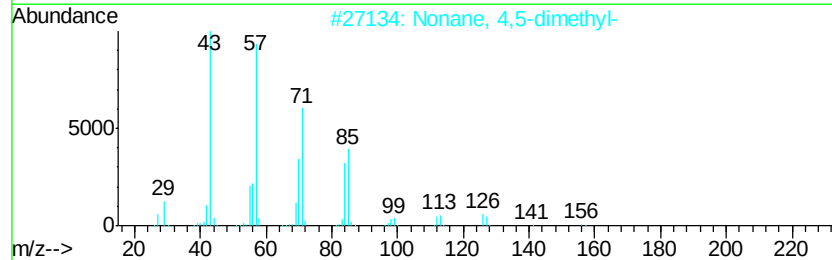
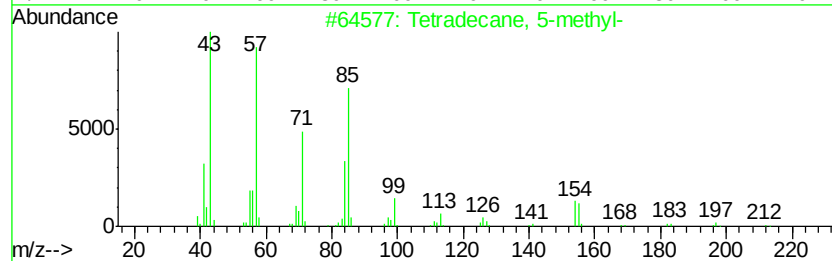
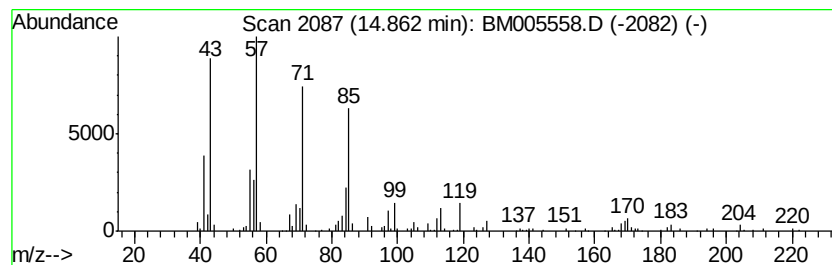
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.93 ng/ul	389904	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	64
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	60
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58
4			Octadecane	254	C18H38	000593-45-3	53
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

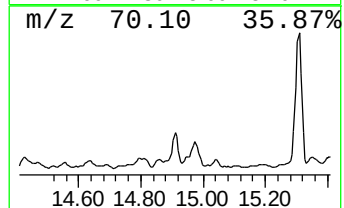
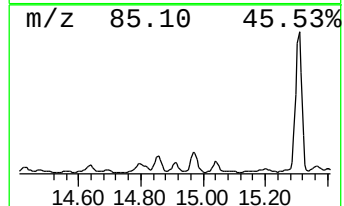
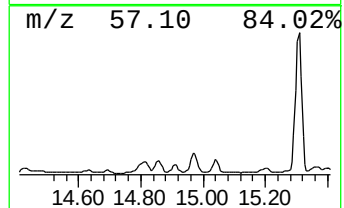
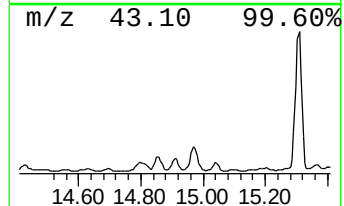
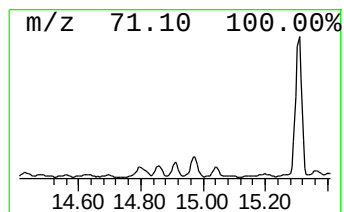
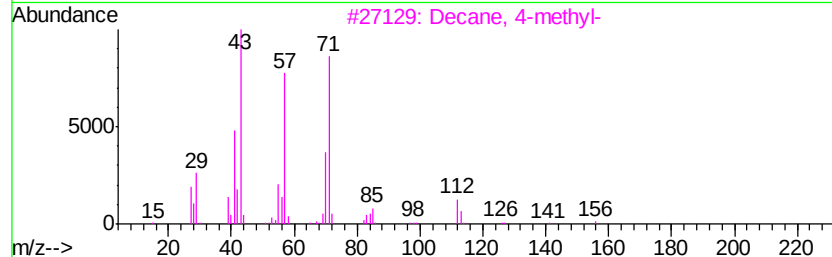
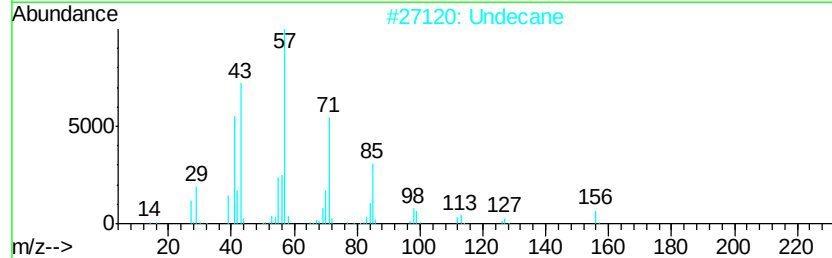
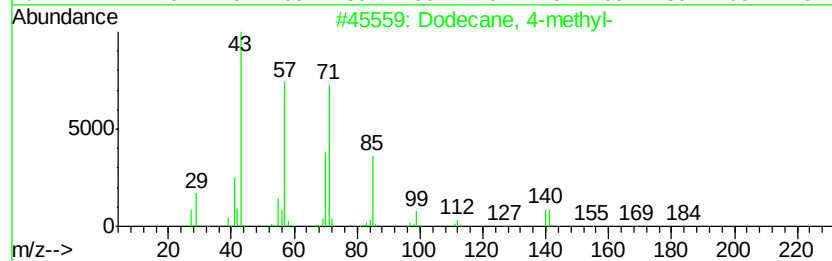
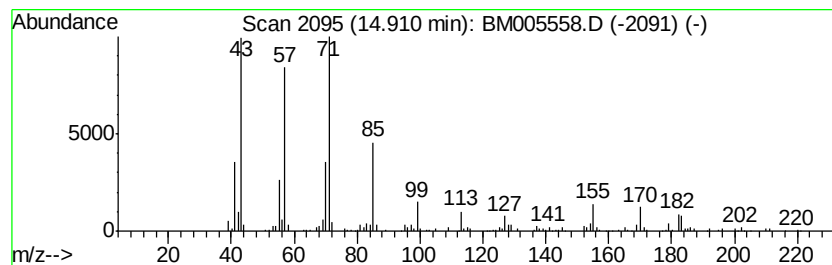
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.20 ng/ul	341946	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2		Undecane	156	C11H24	001120-21-4	52
3		Decane, 4-methyl-	156	C11H24	002847-72-5	52
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5		2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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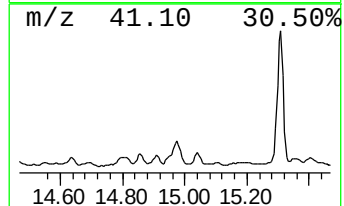
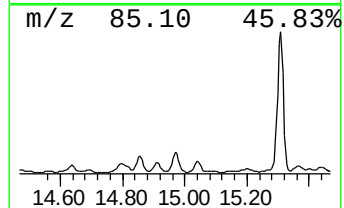
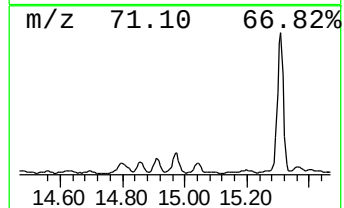
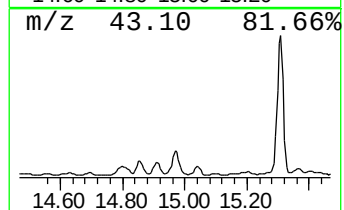
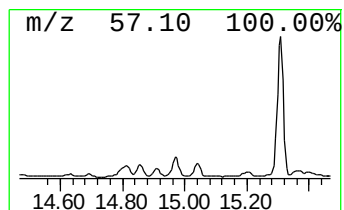
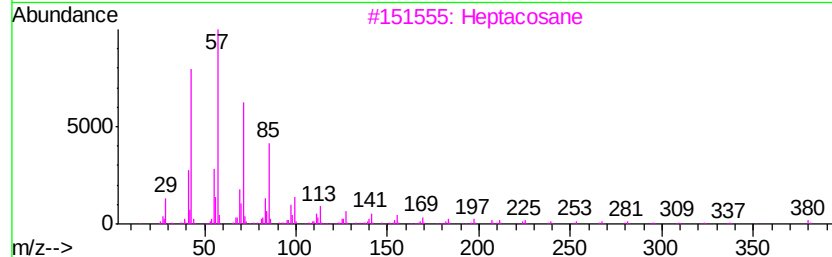
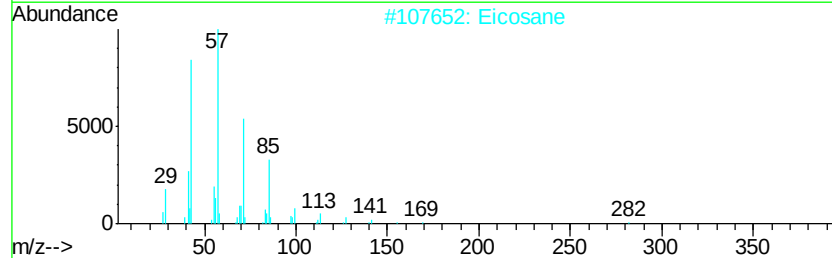
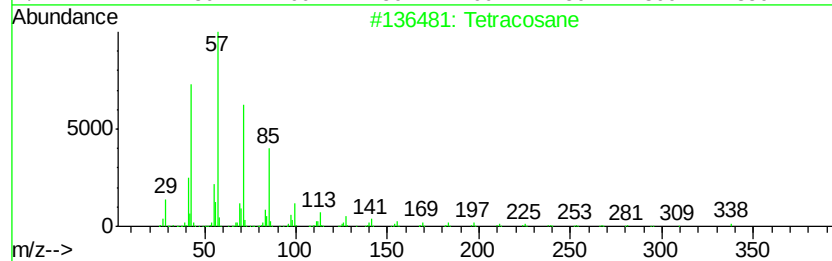
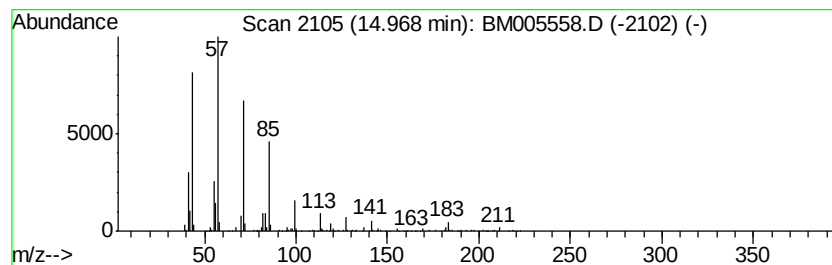
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	12.58 ng/ul	827236	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	58
2		Eicosane	282	C20H42	000112-95-8	52
3		Heptacosane	380	C27H56	000593-49-7	52
4		Heptadecane	240	C17H36	000629-78-7	52
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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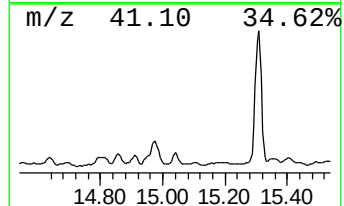
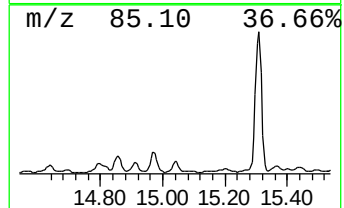
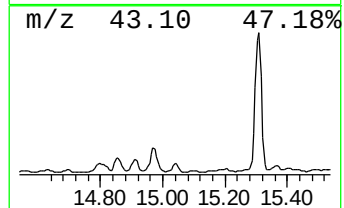
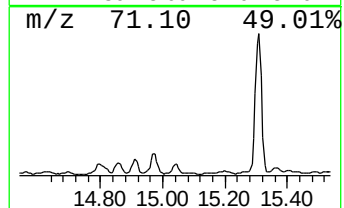
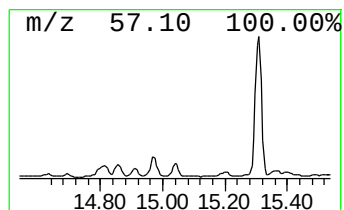
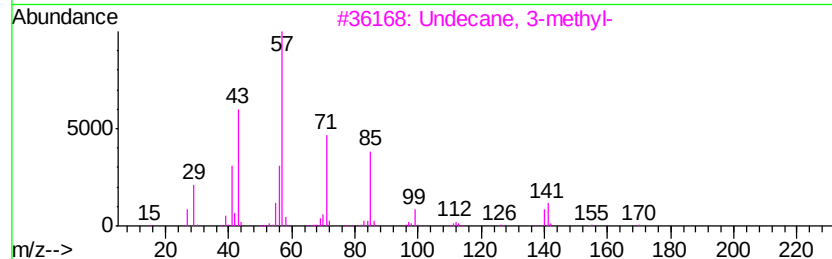
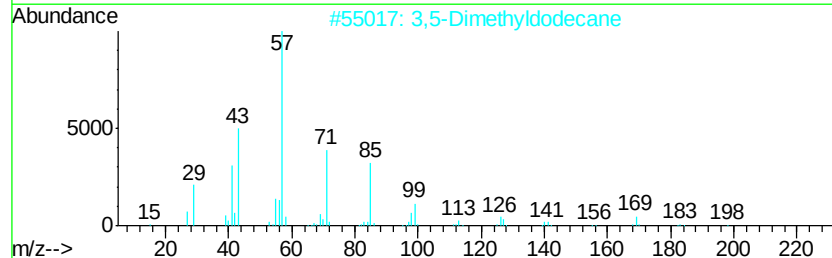
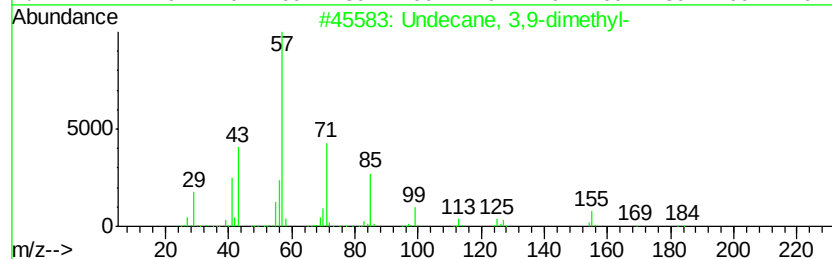
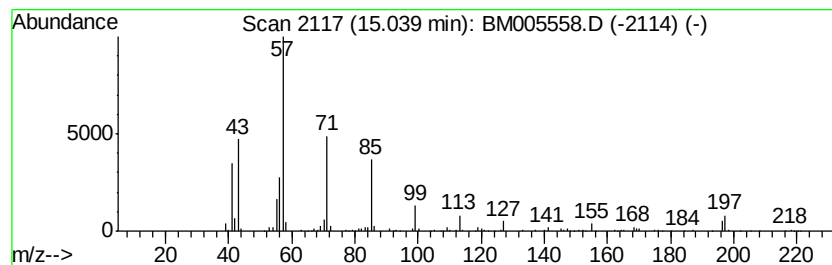
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.58 ng/ul	235452	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Heneicosane	296	C21H44	000629-94-7	64
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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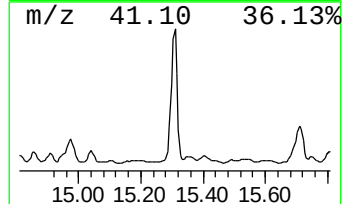
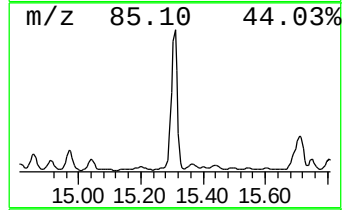
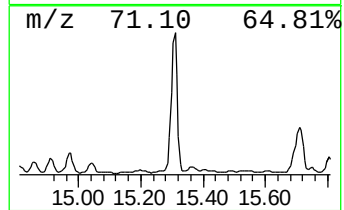
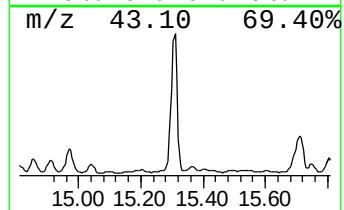
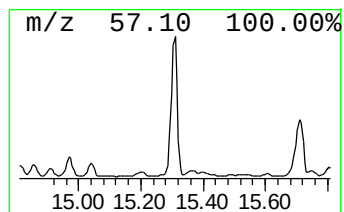
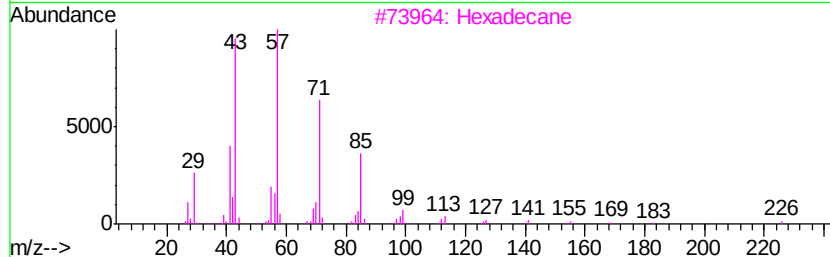
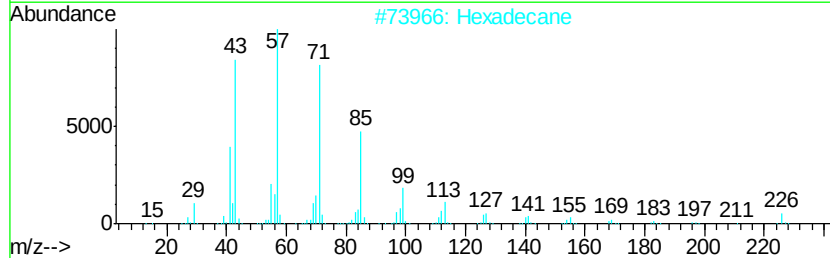
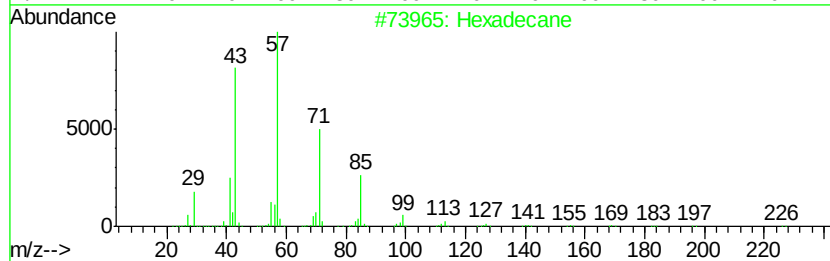
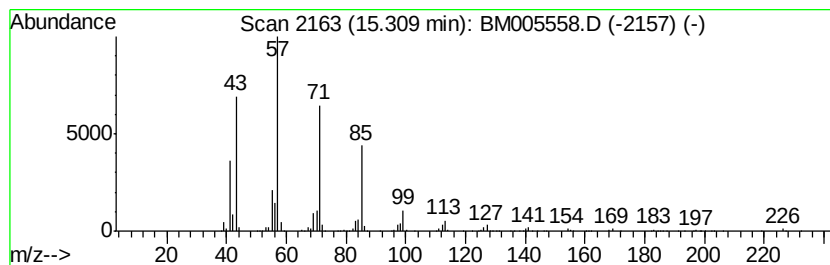
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
15.31	53.02 ng/ul	3485500	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	93
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
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Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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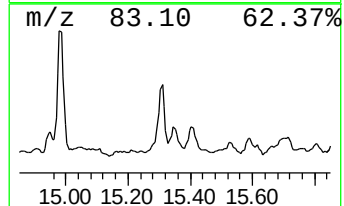
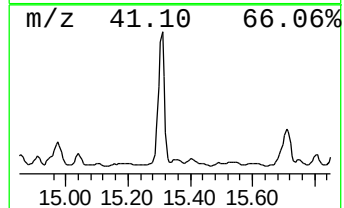
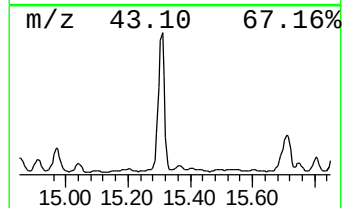
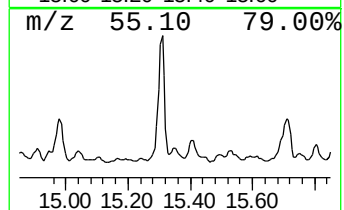
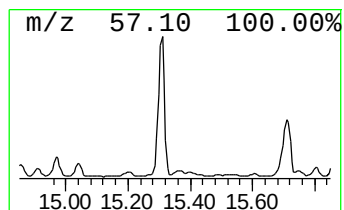
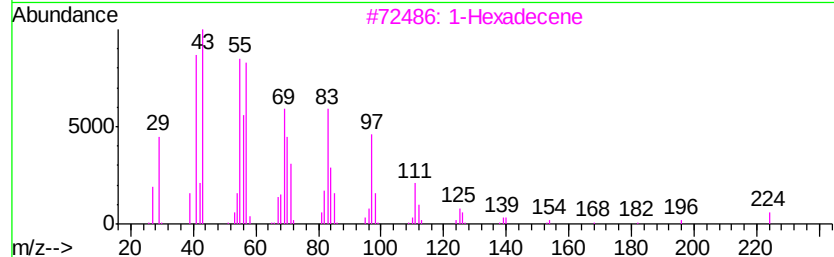
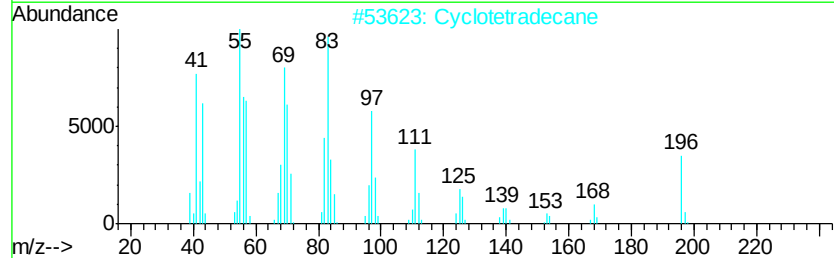
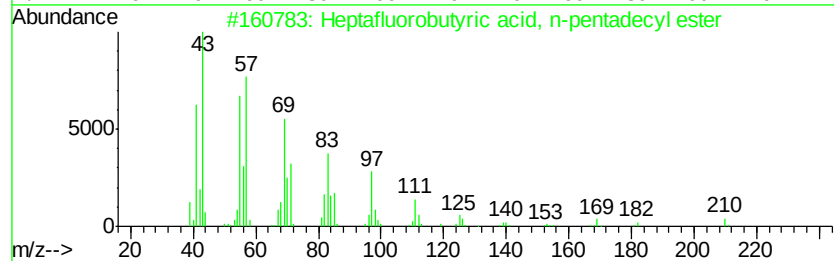
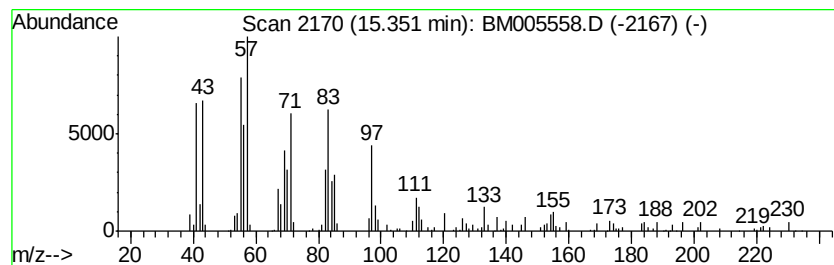
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Heptafluorobutyric acid, n-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.62 ng/ul	172325	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	72
2			Cyclotetradecane	196	C14H28	000295-17-0	70
3			1-Hexadecene	224	C16H32	000629-73-2	68
4			Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	64
5			1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

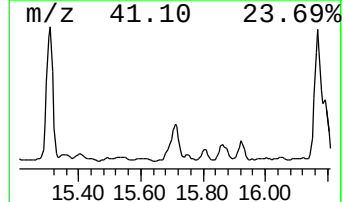
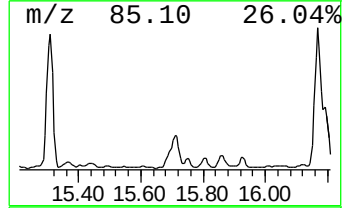
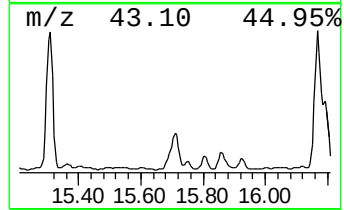
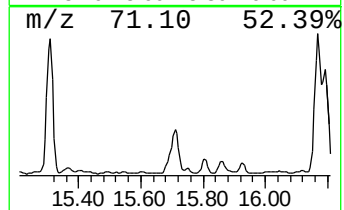
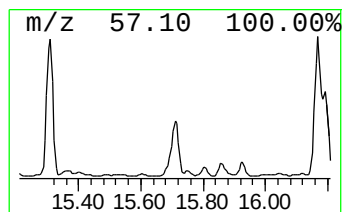
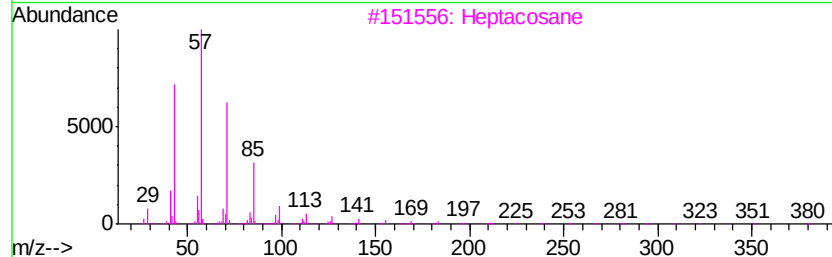
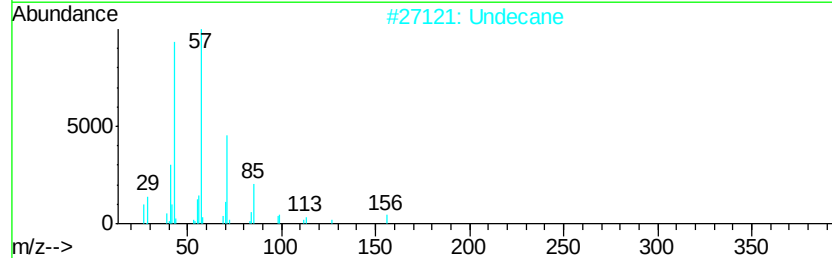
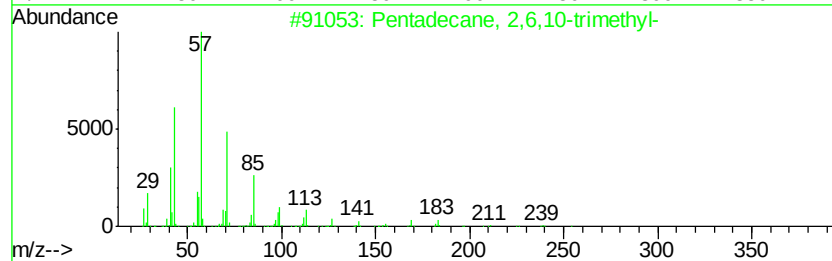
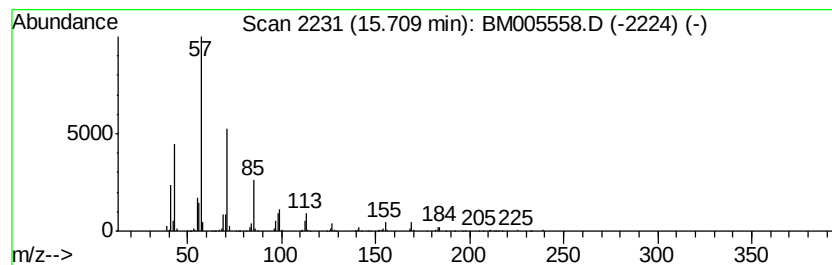
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	23.58 ng/ul	1550170	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane	156	C11H24	001120-21-4	87
3		Heptacosane	380	C27H56	000593-49-7	80
4		Decane, 2-methyl-	156	C11H24	006975-98-0	76
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
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Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

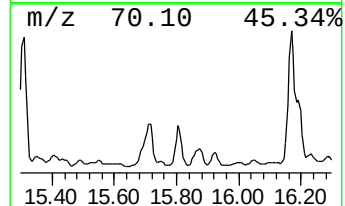
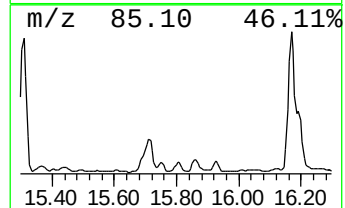
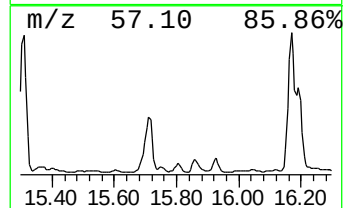
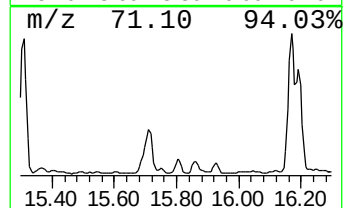
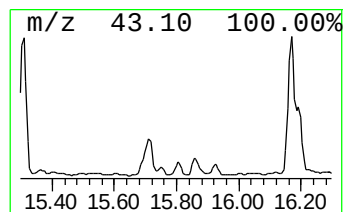
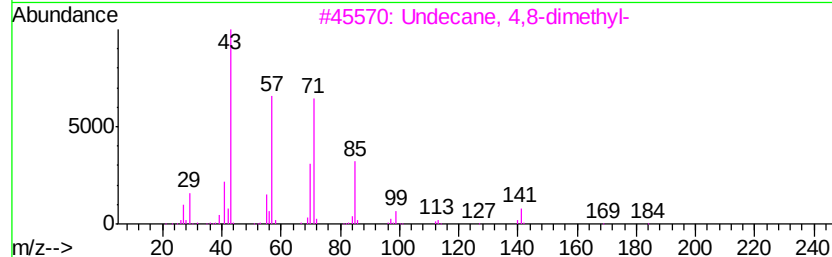
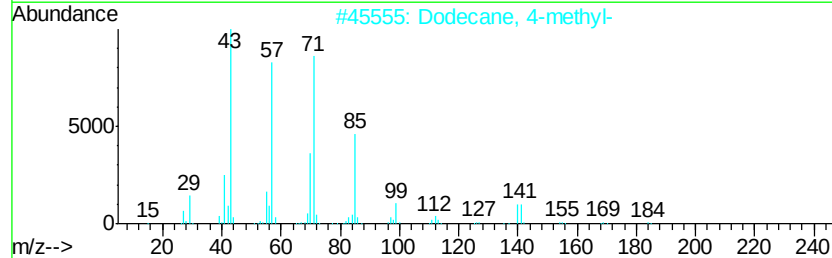
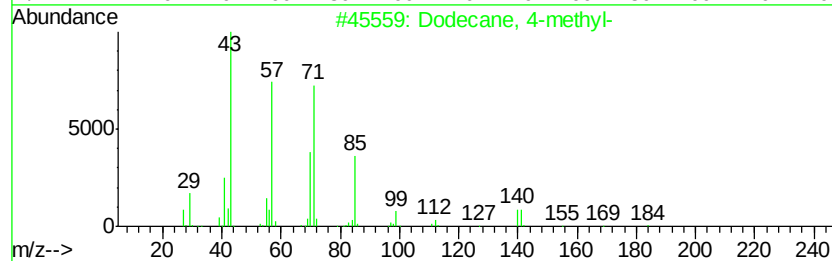
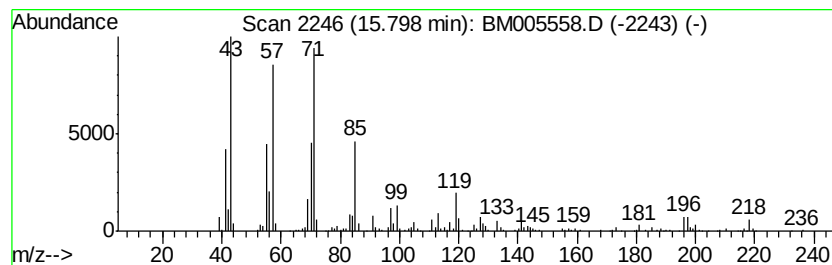
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.80	6.53 ng/ul	429005	Acenaphthene-d10	14.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	86
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	78
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

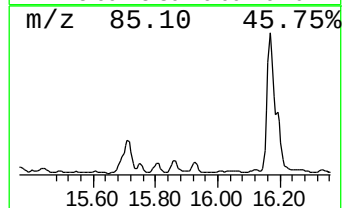
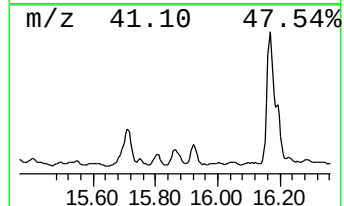
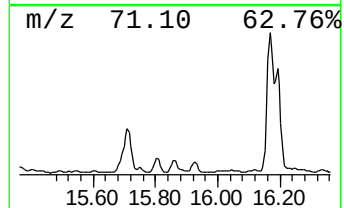
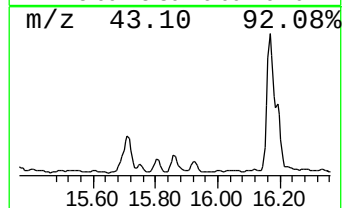
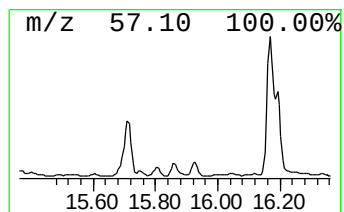
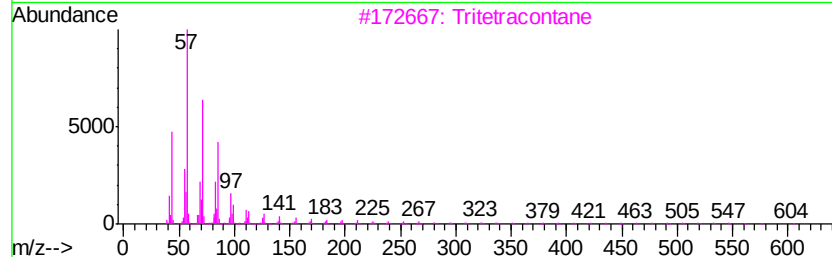
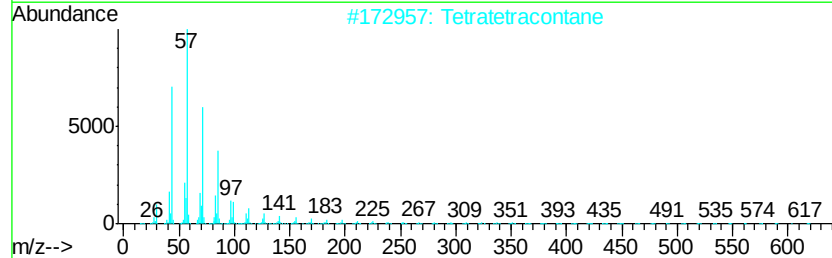
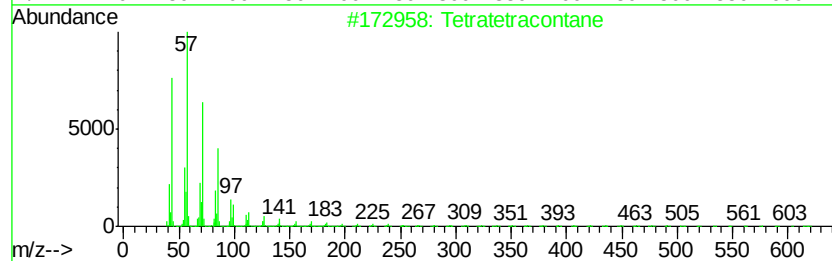
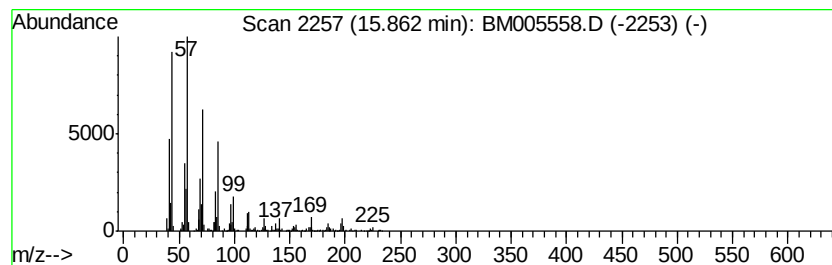
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	11.10 ng/ul	636621	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tritetracontane	605	C43H88	007098-21-7	87
4		10-Methylnonadecane	282	C20H42	056862-62-5	80
5		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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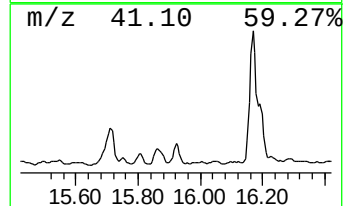
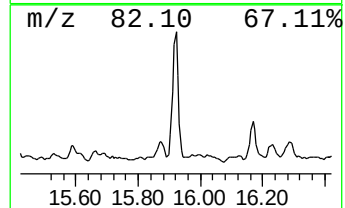
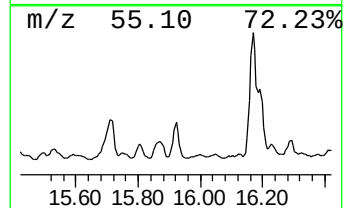
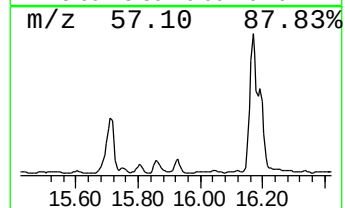
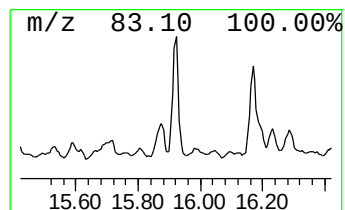
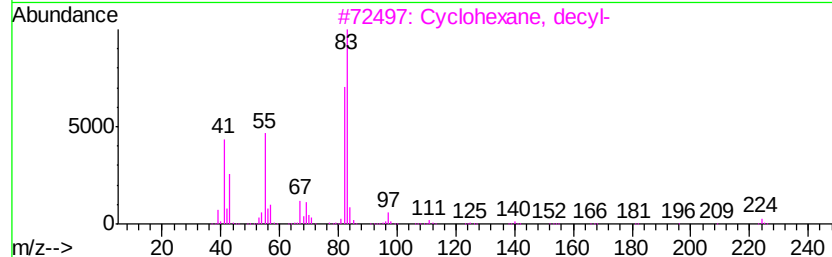
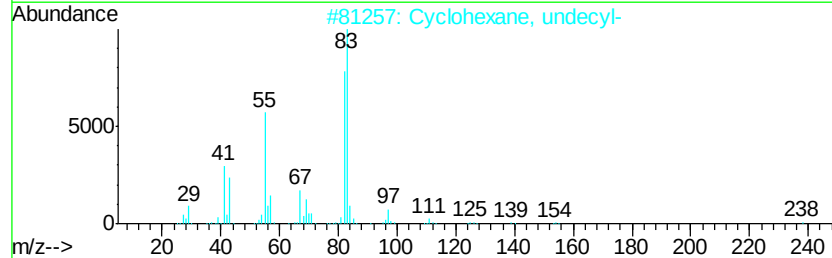
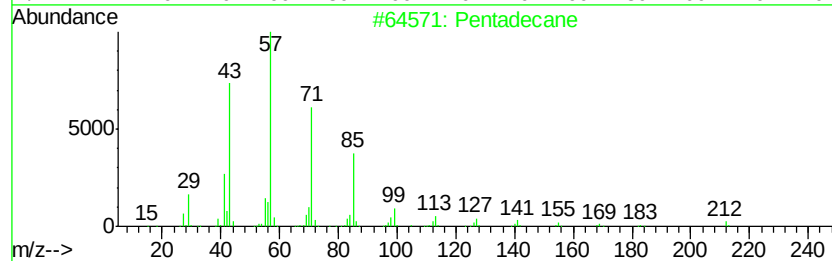
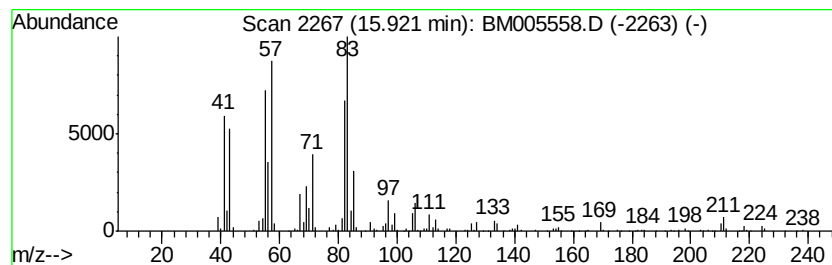
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	10.98 ng/ul	629993	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	72
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	49
4		n-Nonylcyclohexane	210	C15H30	002883-02-5	49
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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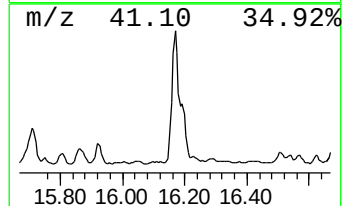
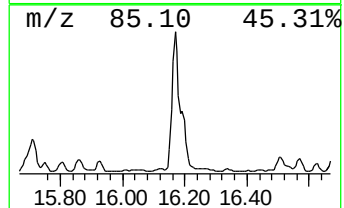
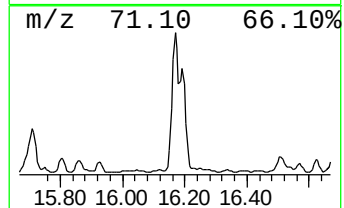
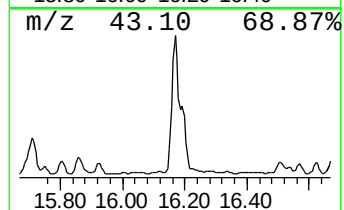
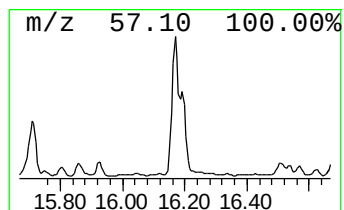
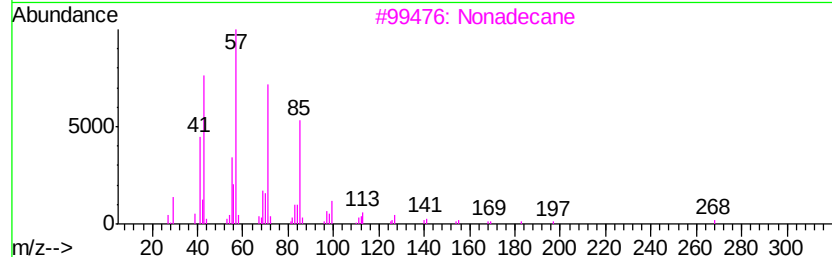
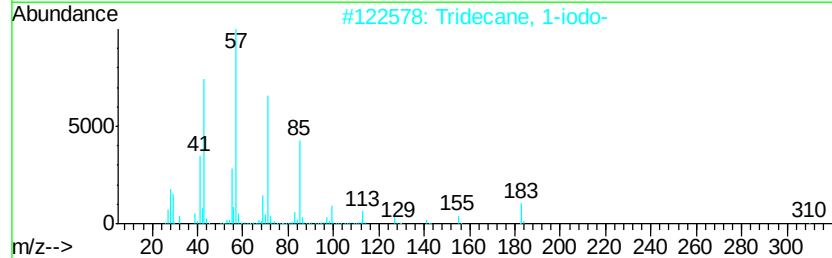
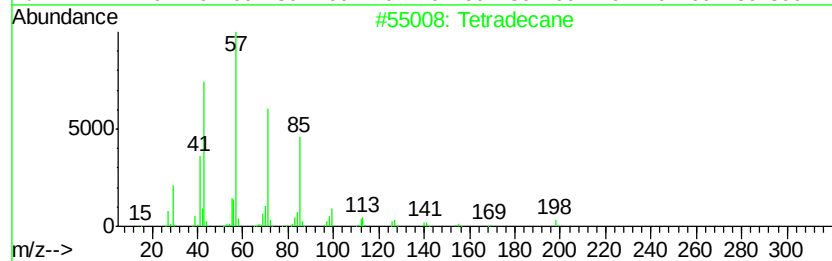
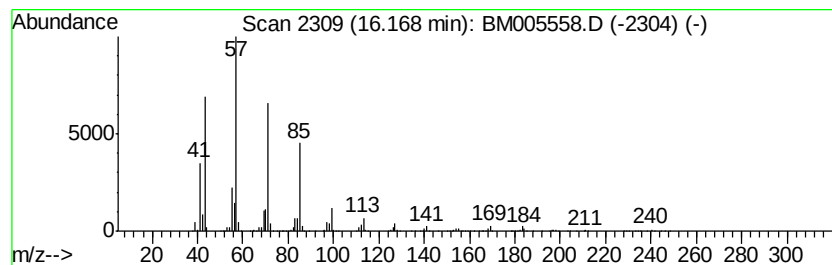
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	76.60 ng/ul	4394740	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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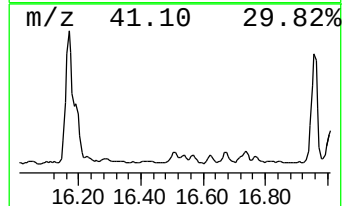
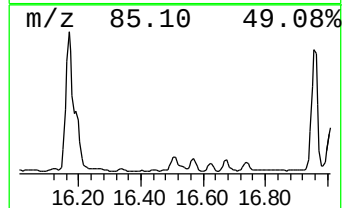
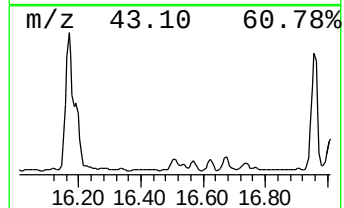
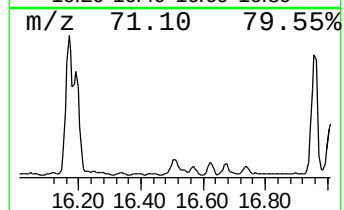
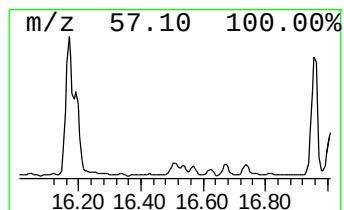
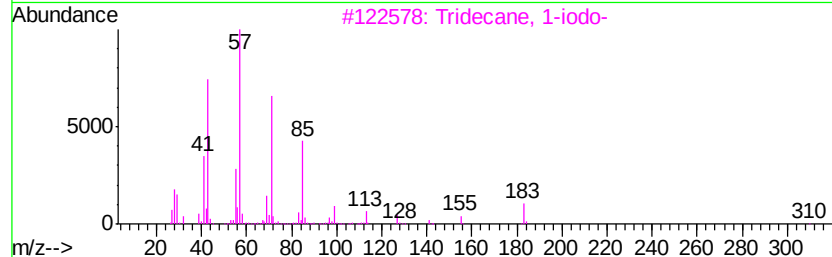
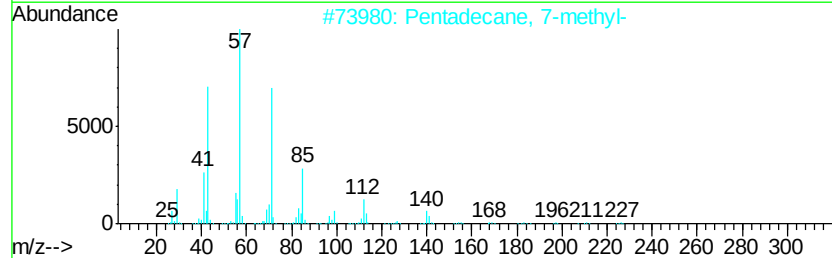
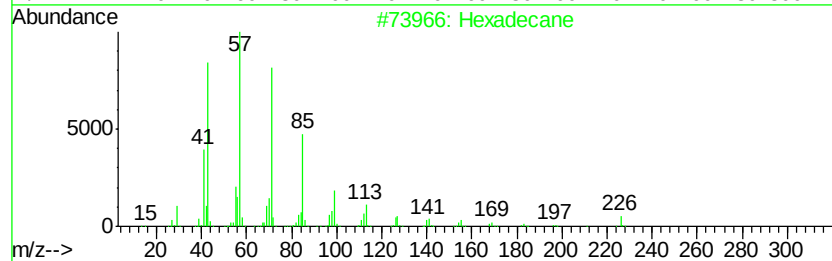
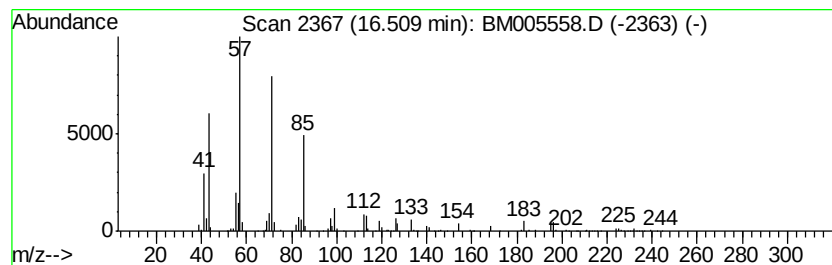
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.93 ng/ul	340406	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	81
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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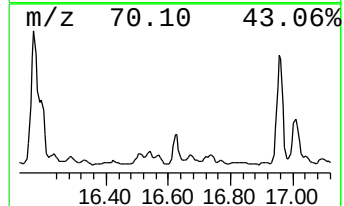
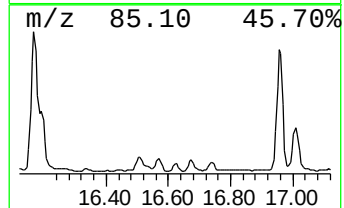
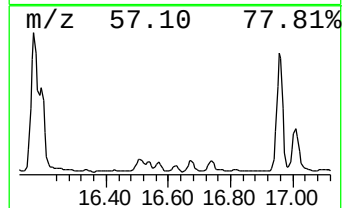
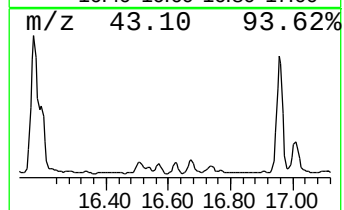
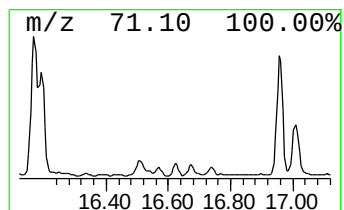
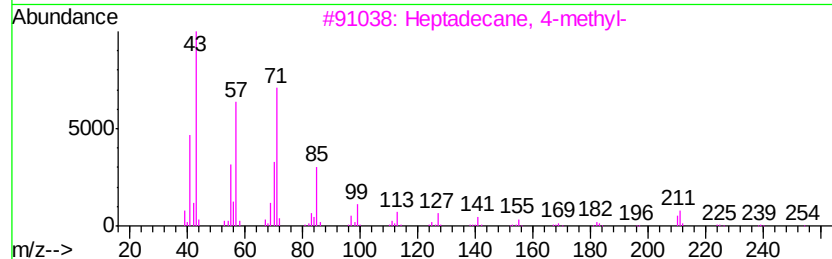
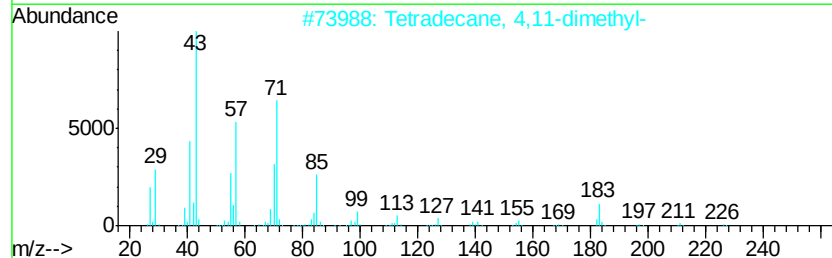
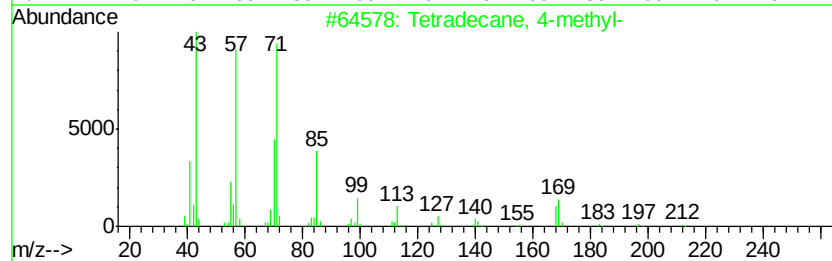
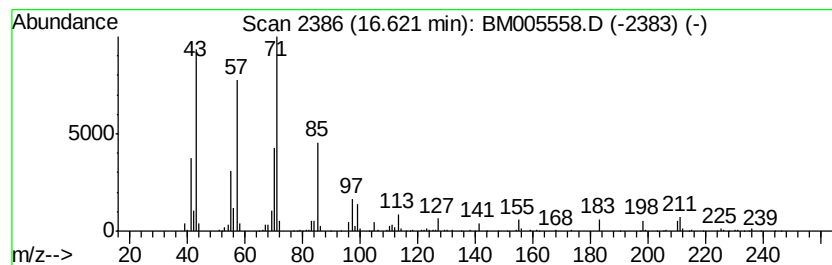
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.50 ng/ul	200921	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	96
2			Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	87
3			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	58
4			Decane, 4-methyl-	156	C11H24	002847-72-5	58
5			Tetradecane	198	C14H30	000629-59-4	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

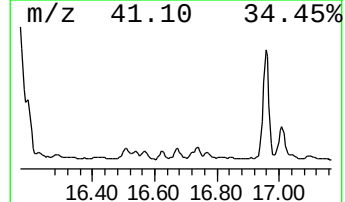
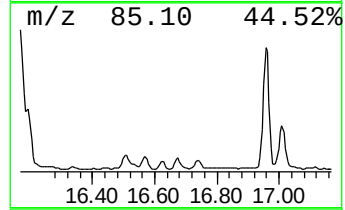
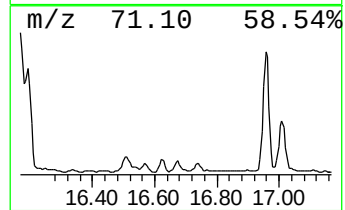
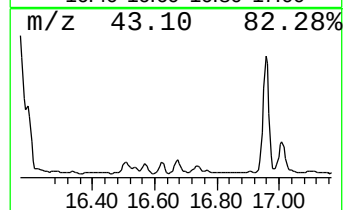
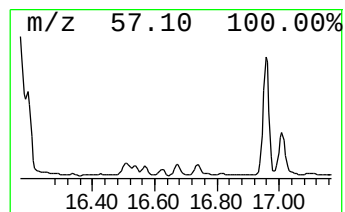
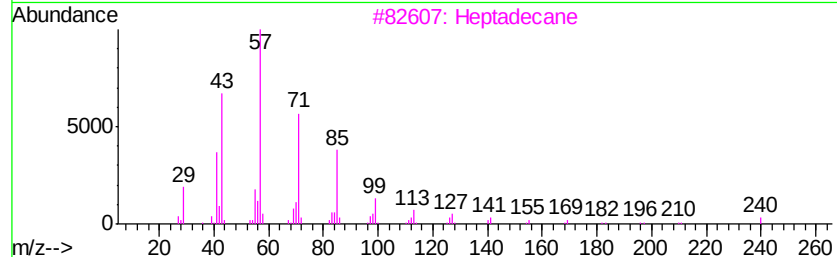
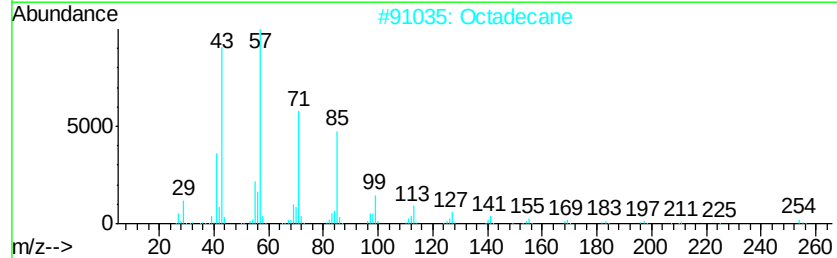
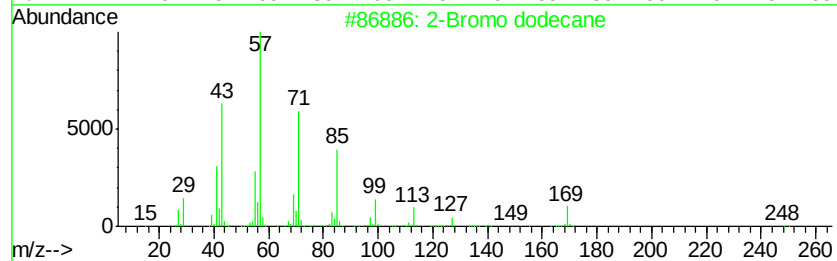
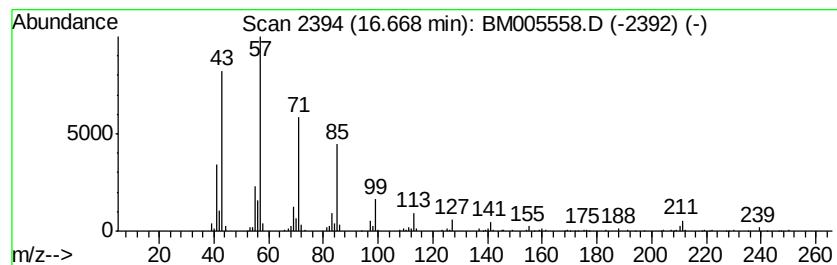
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 2-Bromo dodecane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.66 ng/ul	209798	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2			Octadecane	254	C18H38	000593-45-3	86
3			Heptadecane	240	C17H36	000629-78-7	78
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

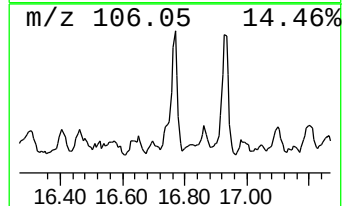
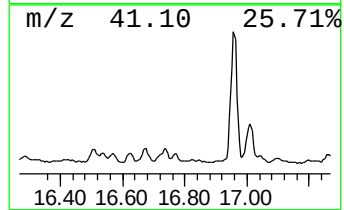
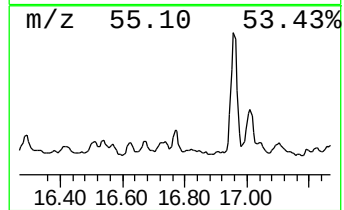
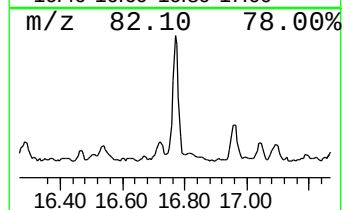
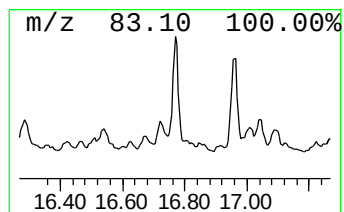
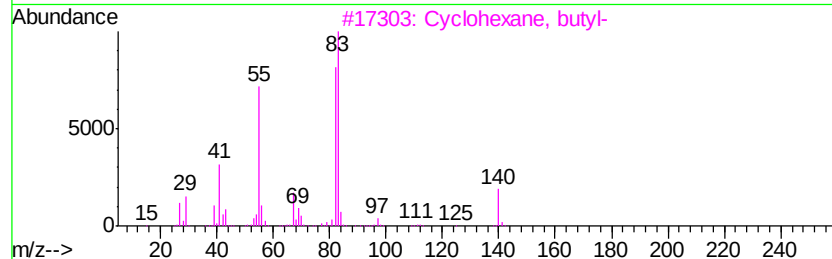
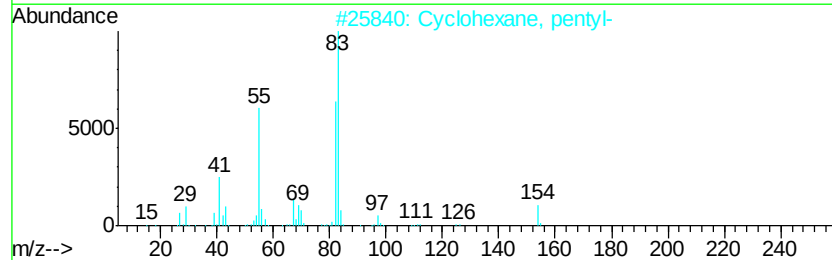
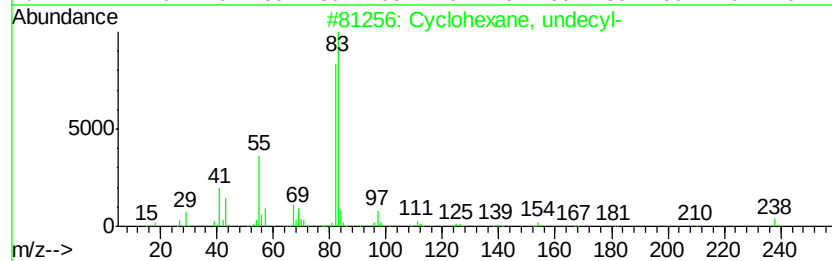
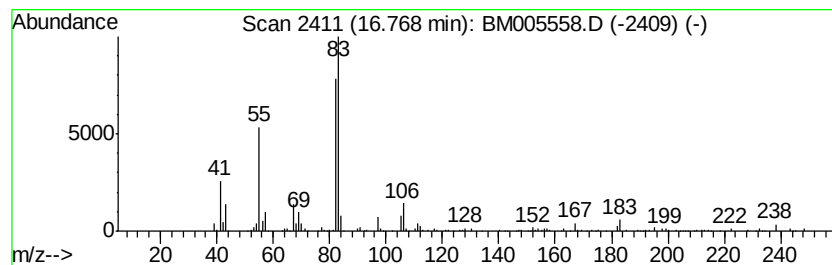
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Cyclic16.77 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.19 ng/ul	183104	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	87
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4			n-Nonylcyclohexane	210	C15H30	002883-02-5	74
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

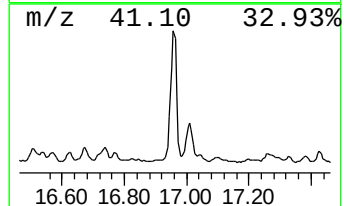
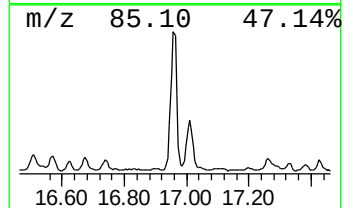
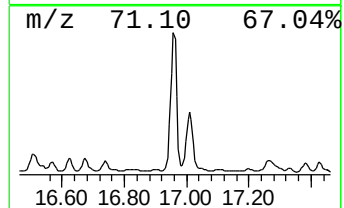
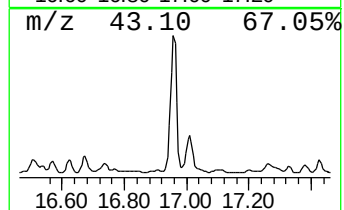
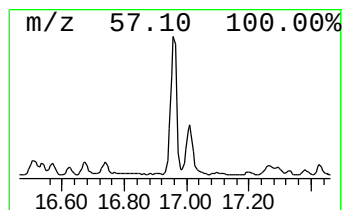
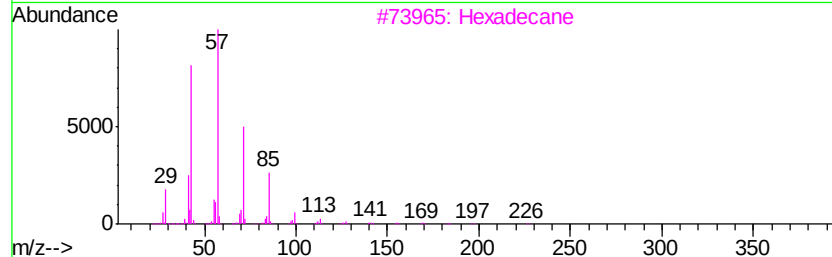
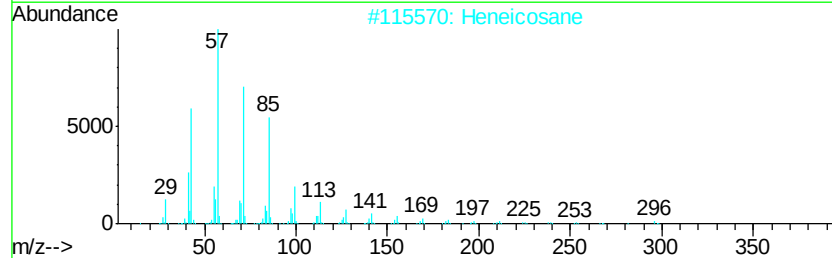
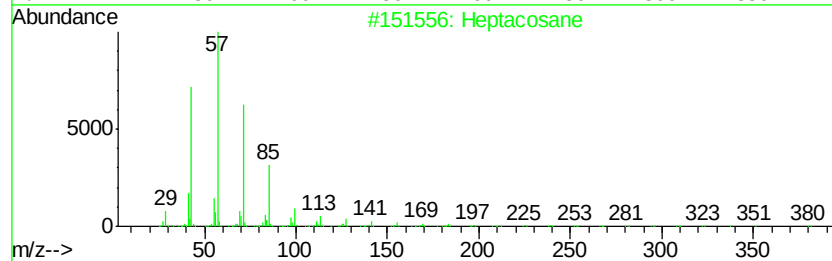
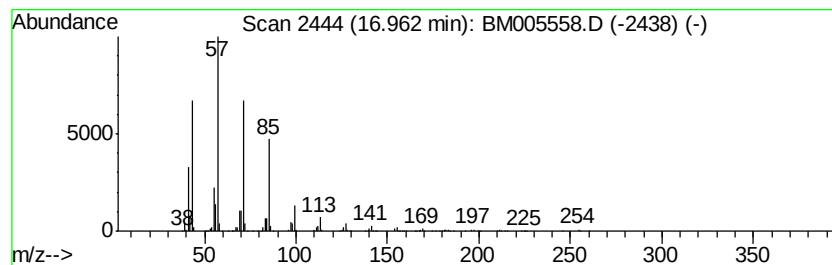
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	53.45 ng/ul	3066680	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

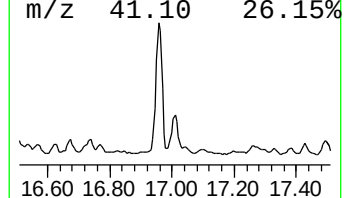
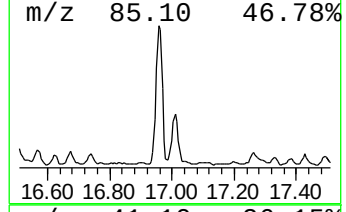
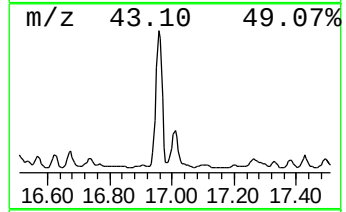
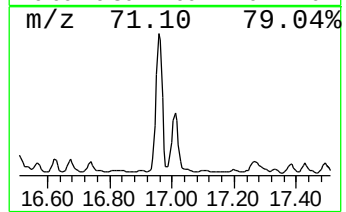
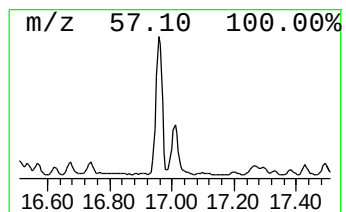
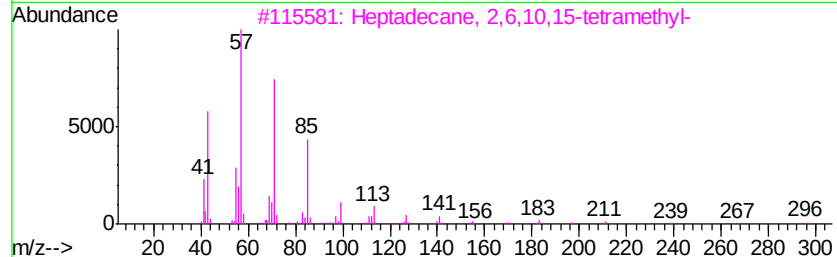
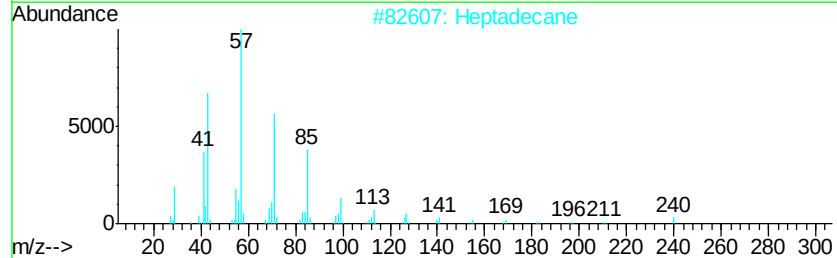
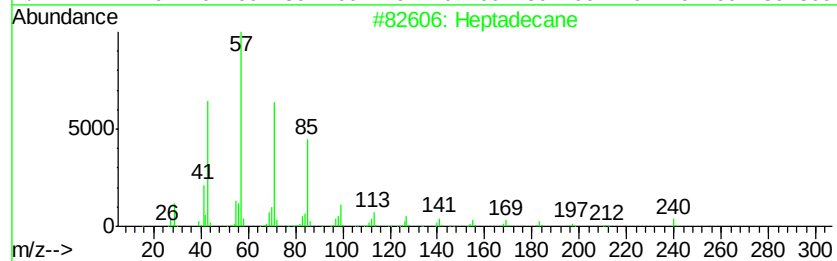
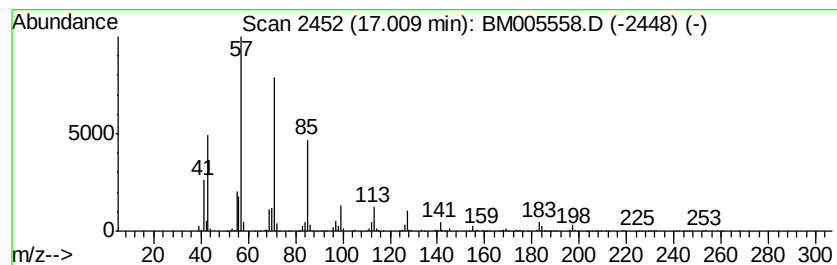
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	18.05 ng/ul	1035410	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Docosane	310	C22H46	000629-97-0	83
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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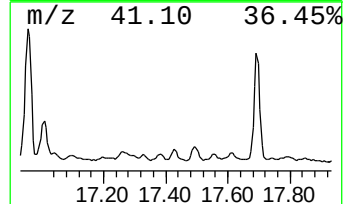
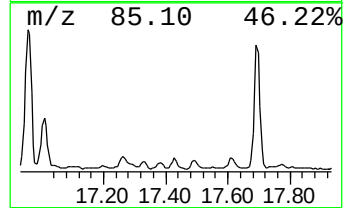
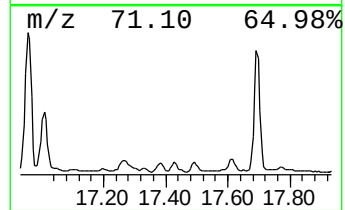
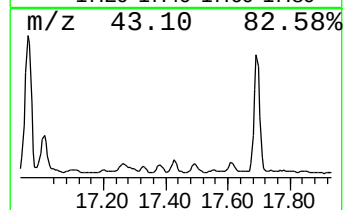
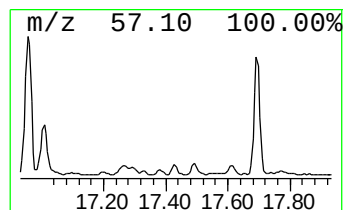
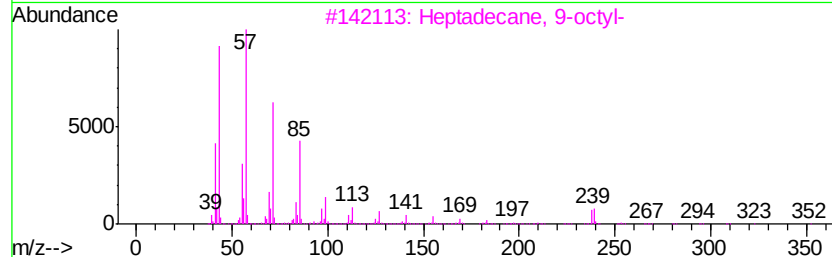
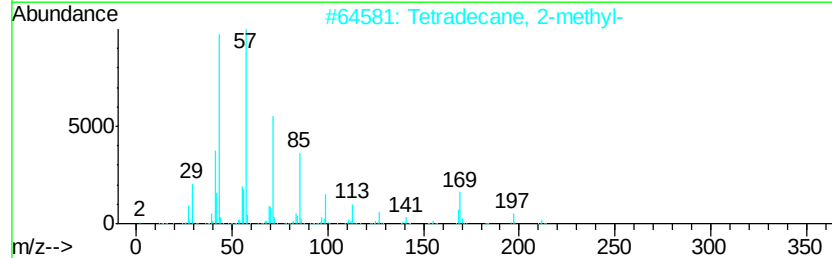
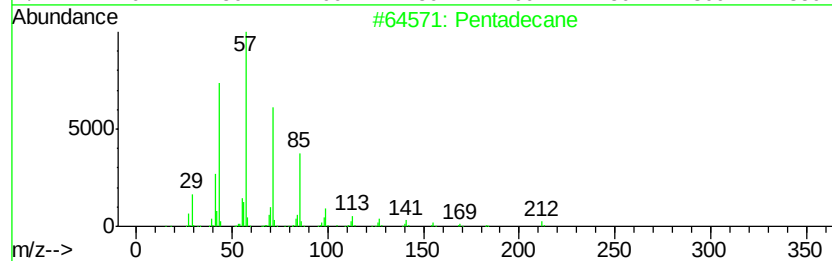
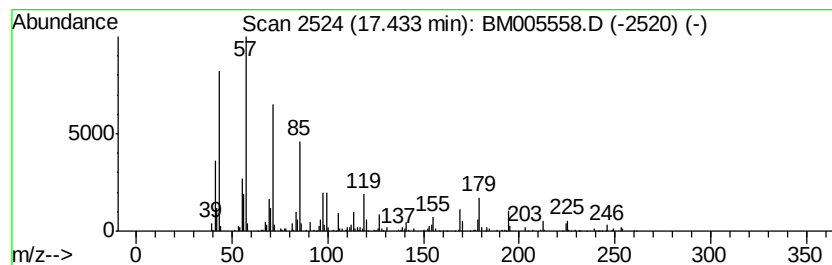
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	5.20 ng/ul	298198	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	92
2			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	90
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
5			Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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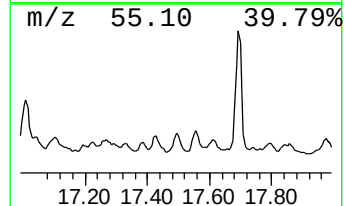
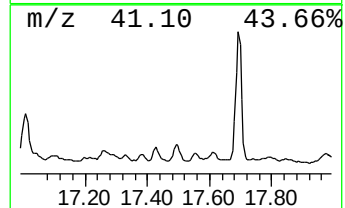
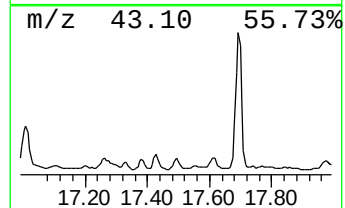
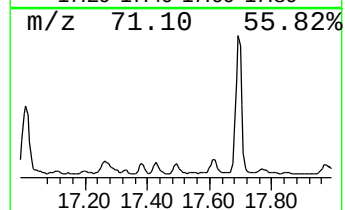
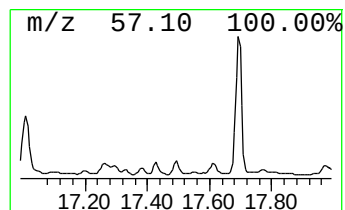
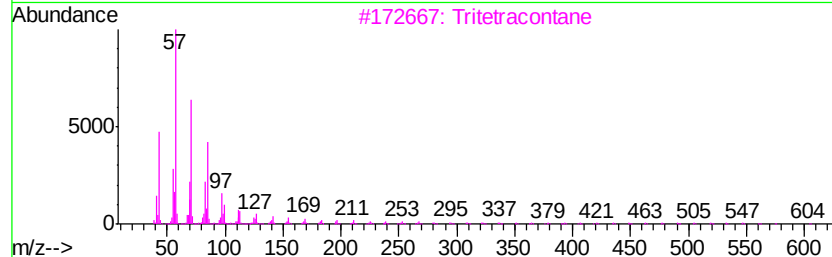
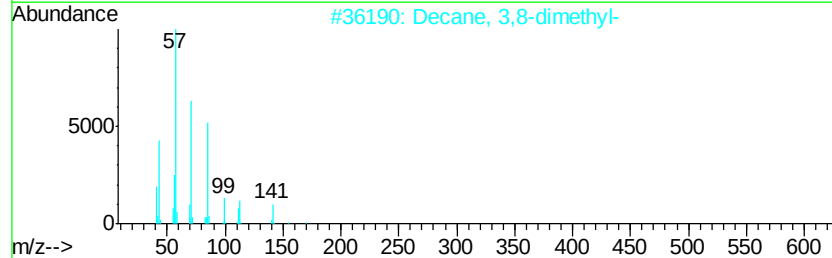
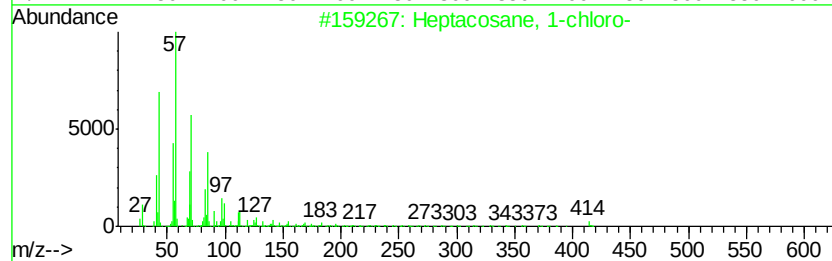
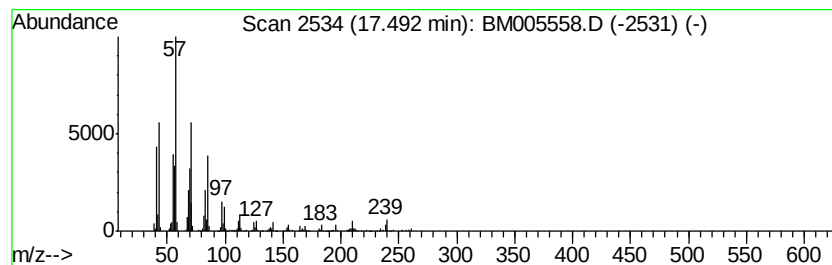
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Heptacosane, 1-chloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	6.03 ng/ul	346028	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Tritetracontane	605	C43H88	007098-21-7	64
4		Tetratetracontane	619	C44H90	007098-22-8	62
5		Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
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Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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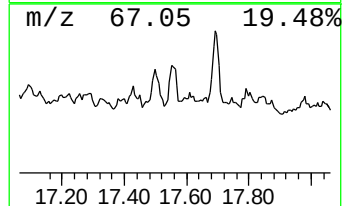
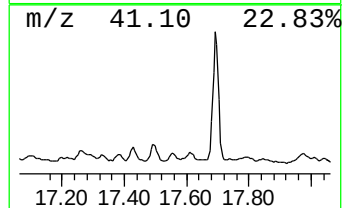
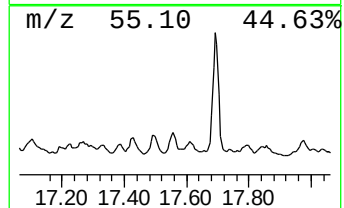
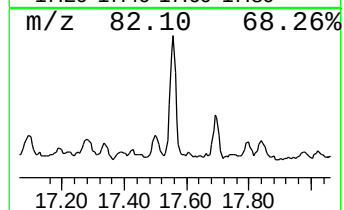
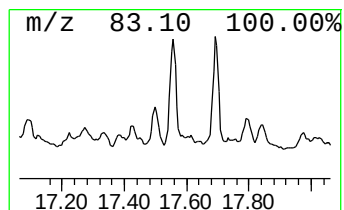
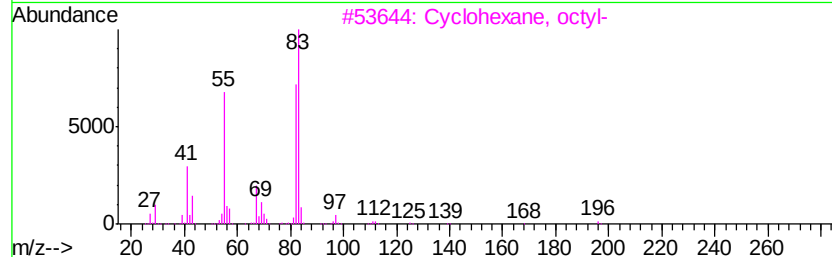
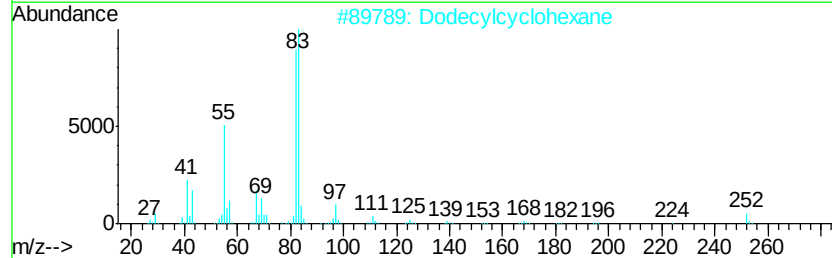
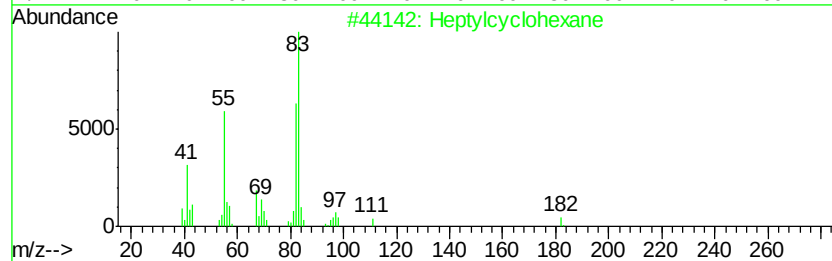
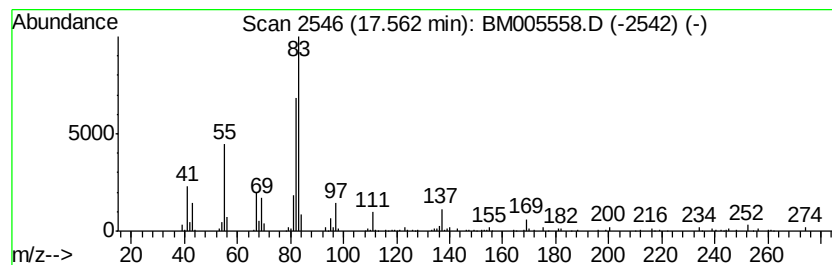
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Cyclic17.56 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.93 ng/ul	168064	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	90
2		Dodecylcyclohexane	252	C18H36	001795-17-1	90
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	90
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	90
5		Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

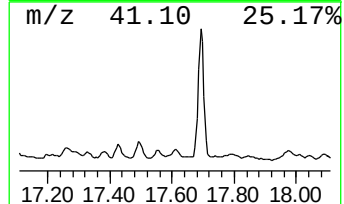
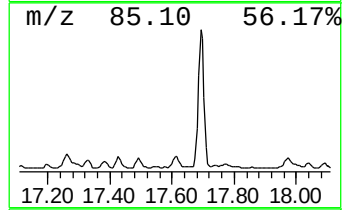
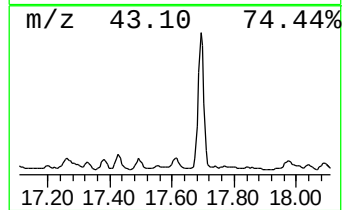
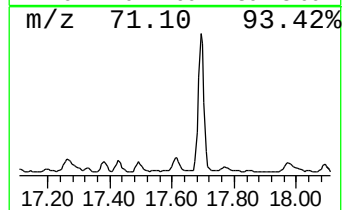
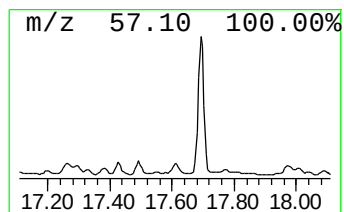
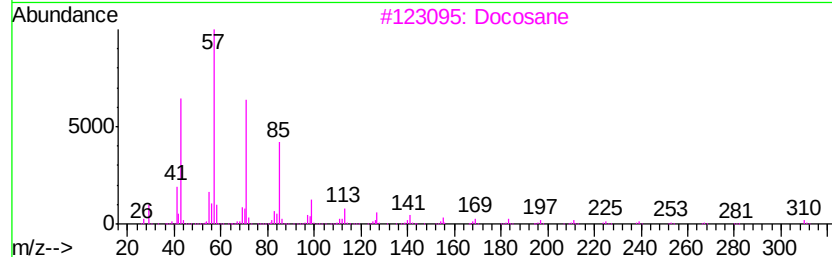
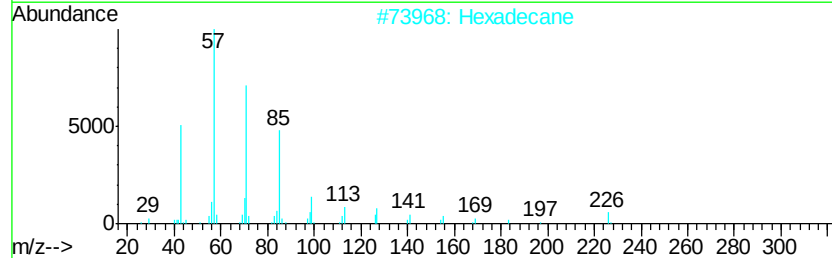
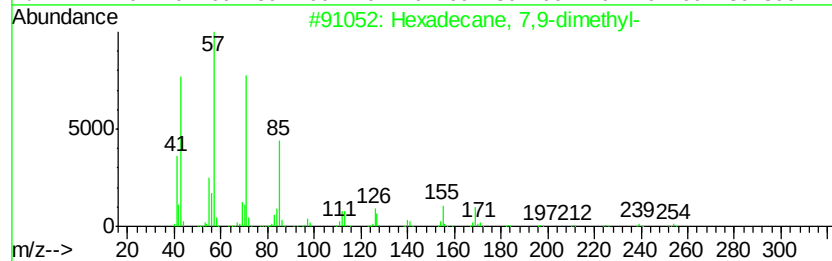
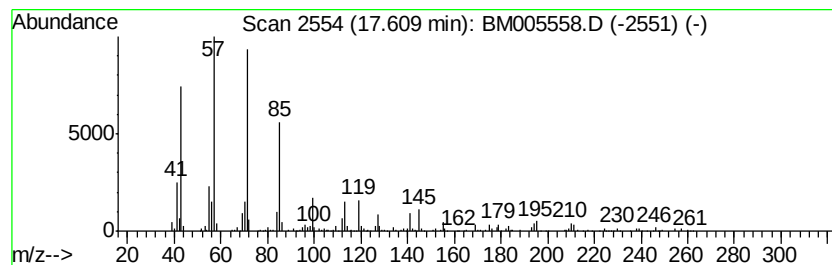
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	5.83 ng/ul	334677	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
2			Hexadecane	226	C16H34	000544-76-3	83
3			Docosane	310	C22H46	000629-97-0	80
4			Tetratriacontane	479	C34H70	014167-59-0	80
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

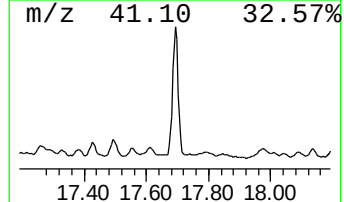
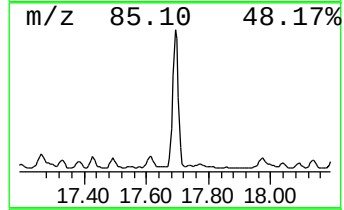
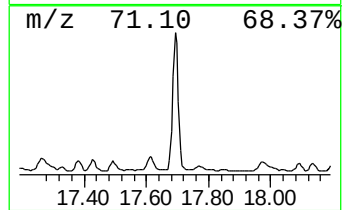
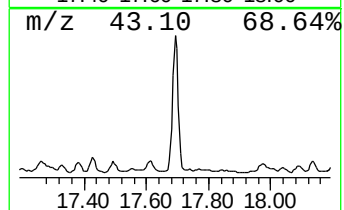
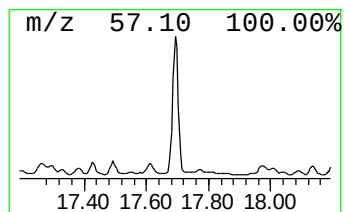
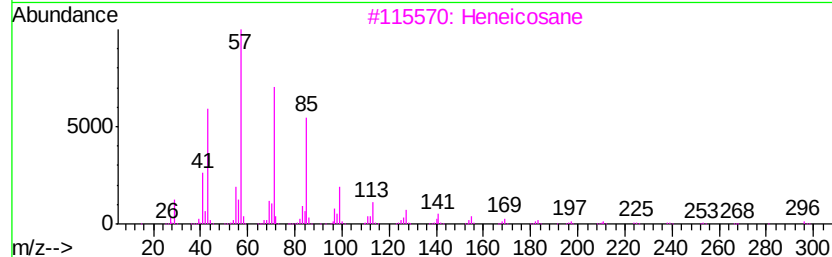
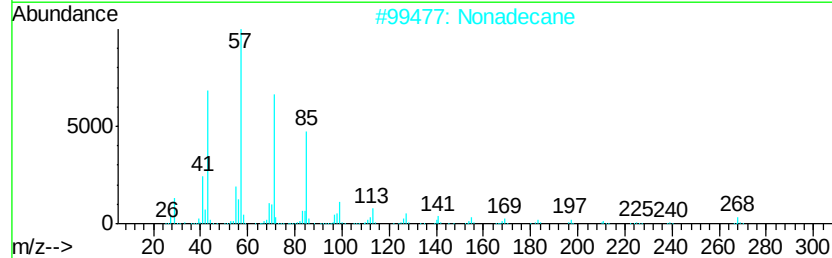
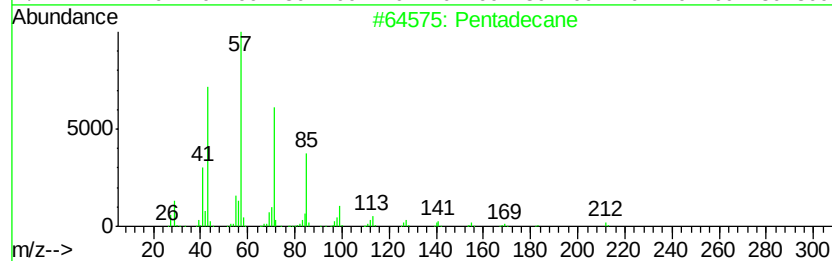
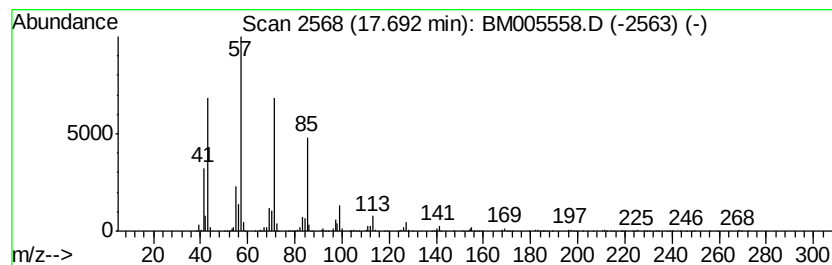
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	46.86 ng/ul	2688260	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

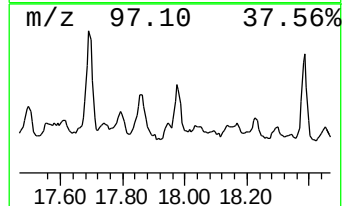
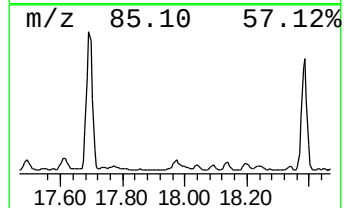
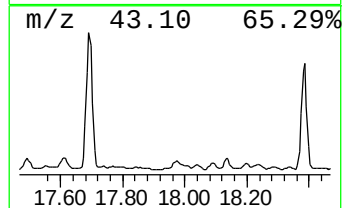
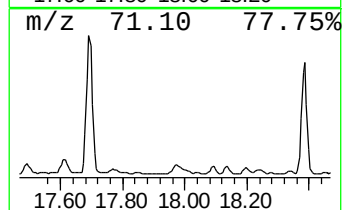
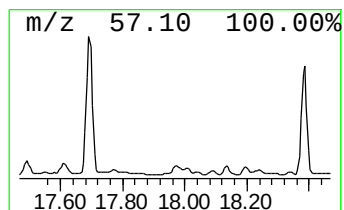
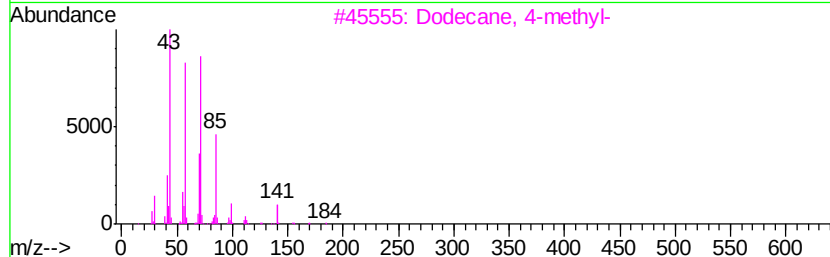
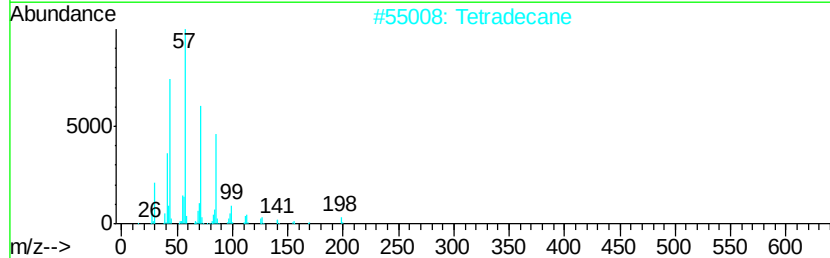
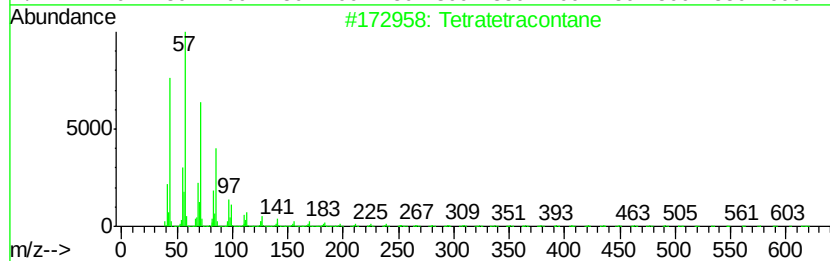
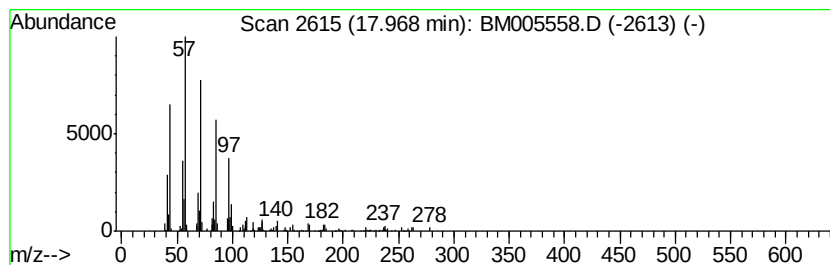
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.95 ng/ul	169005	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	64
2			Tetradecane	198	C14H30	000629-59-4	58
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	58
5			Nonadecane	268	C19H40	000629-92-5	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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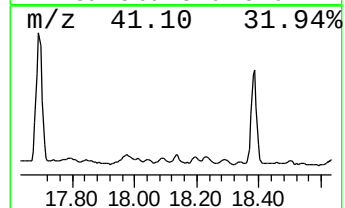
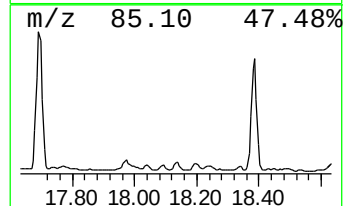
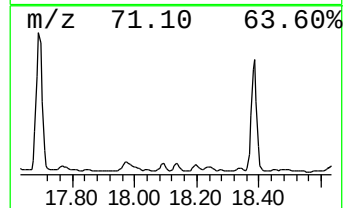
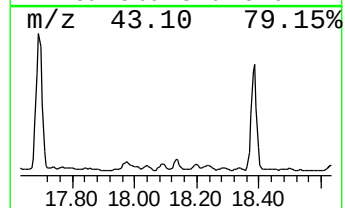
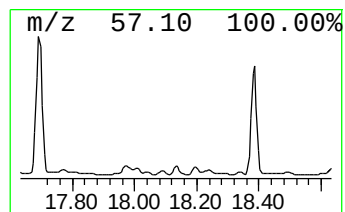
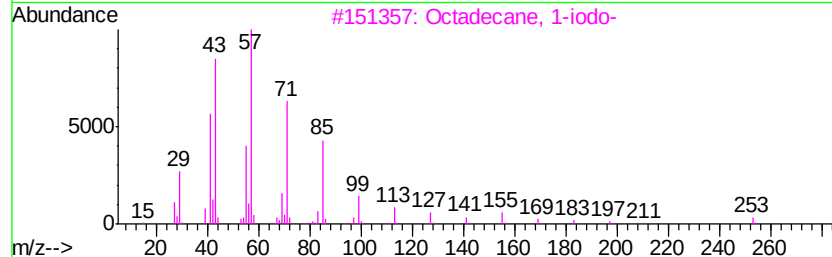
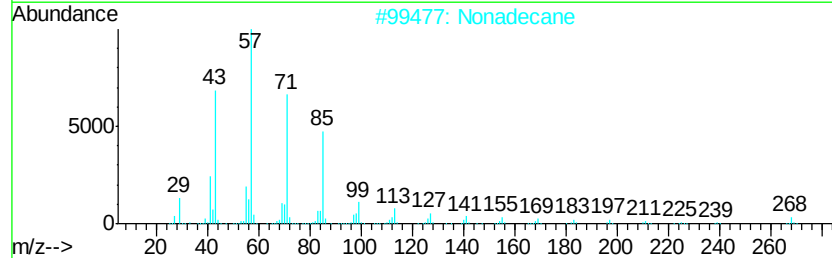
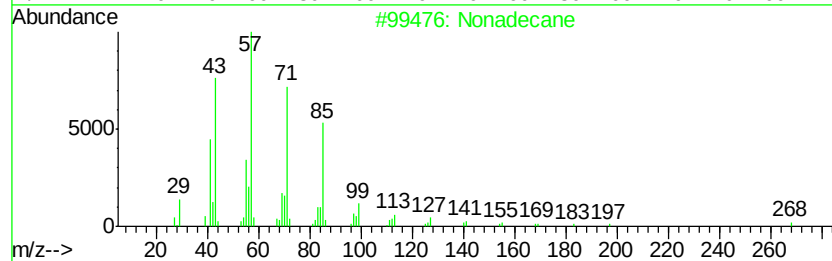
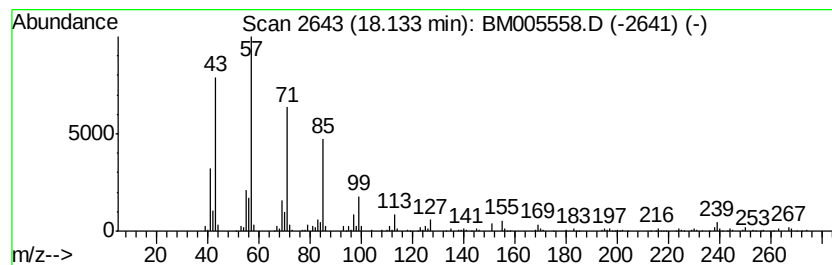
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.85 ng/ul	163546	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Nonadecane	268	C19H40	000629-92-5	83
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	81
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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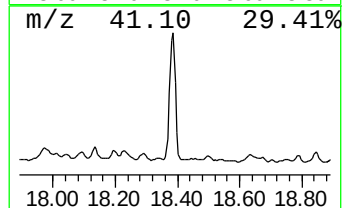
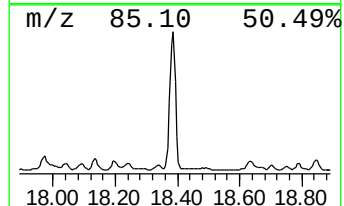
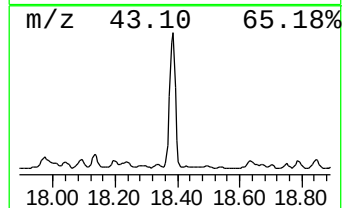
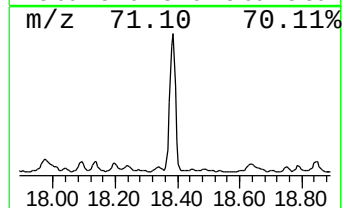
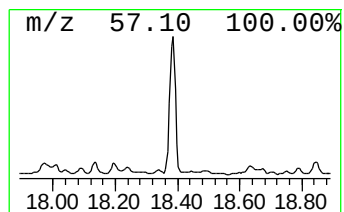
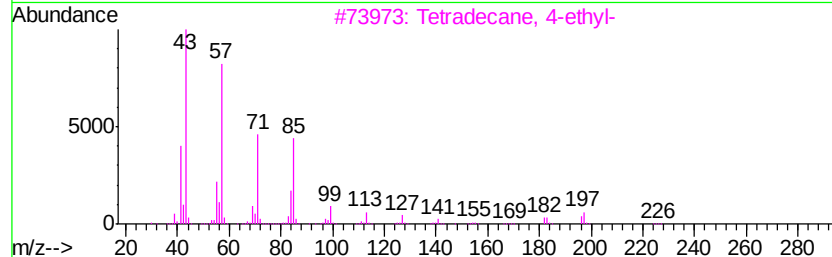
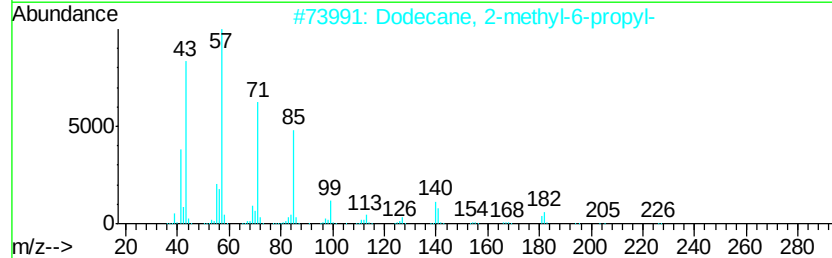
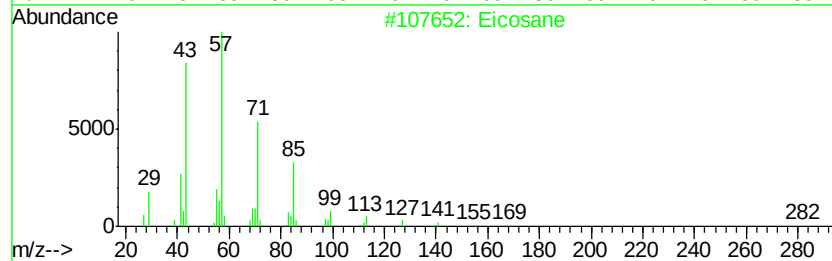
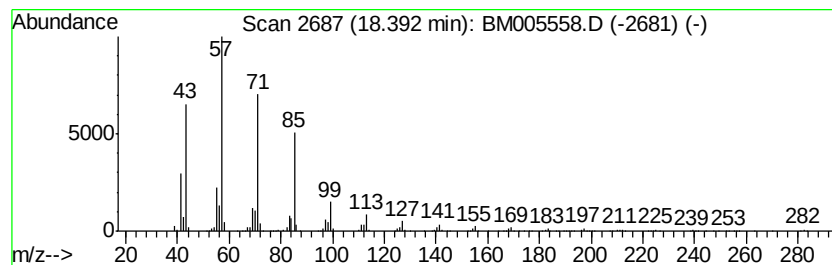
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	35.26 ng/ul	2022890	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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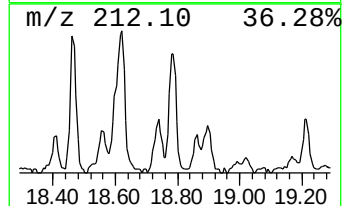
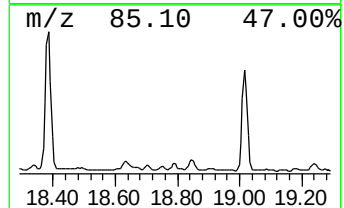
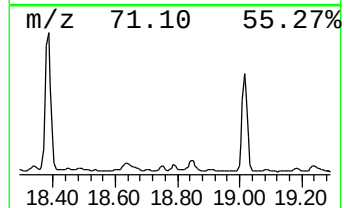
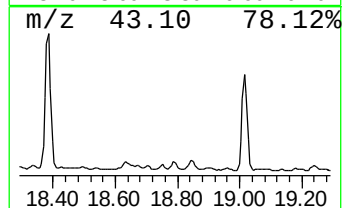
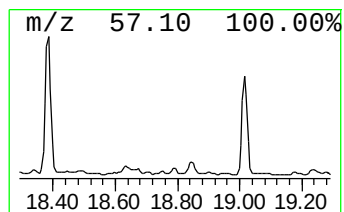
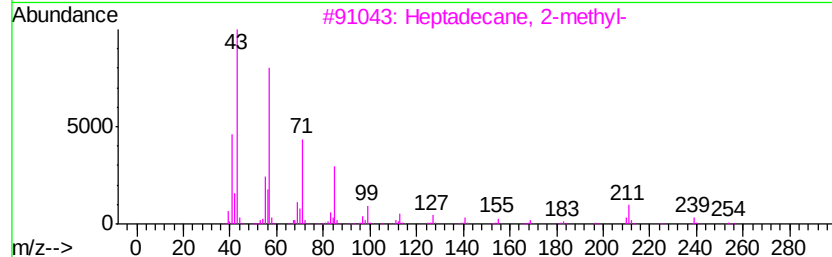
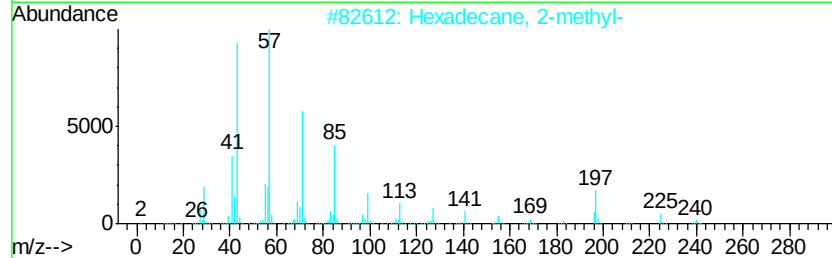
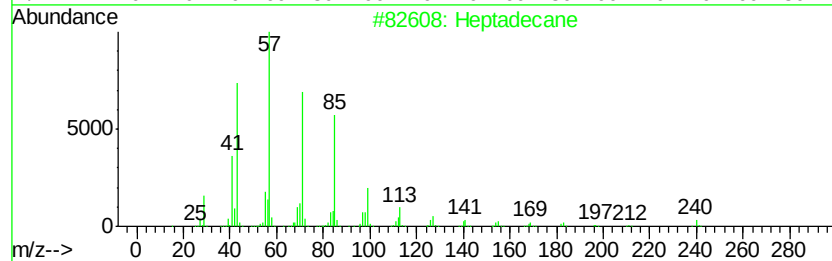
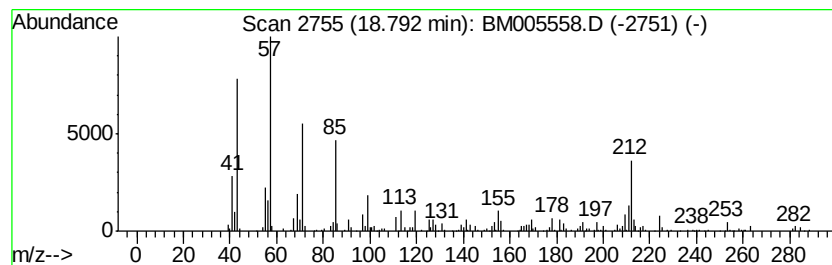
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.62 ng/ul	150509	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	64
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	56
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	50
4			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	49
5			Hentriacontane	437	C31H64	000630-04-6	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

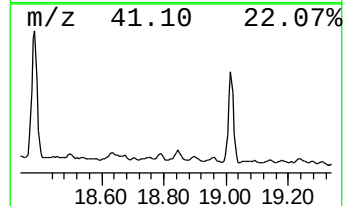
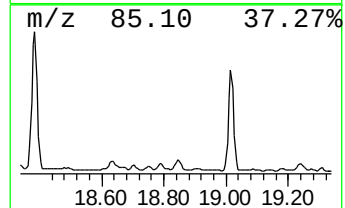
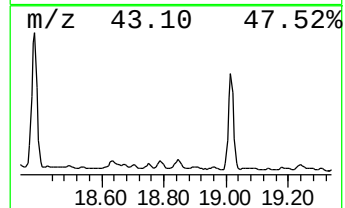
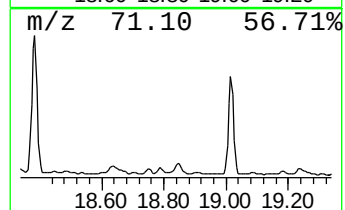
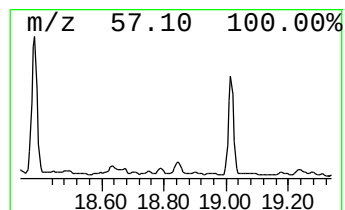
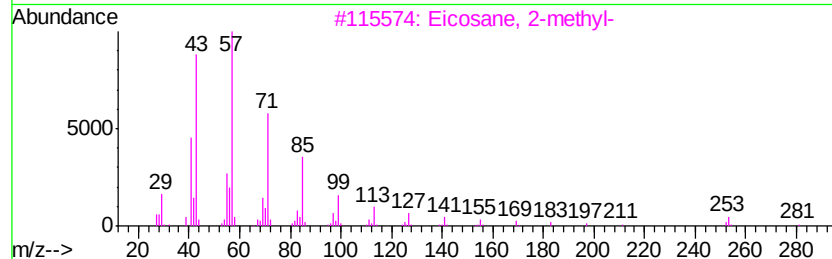
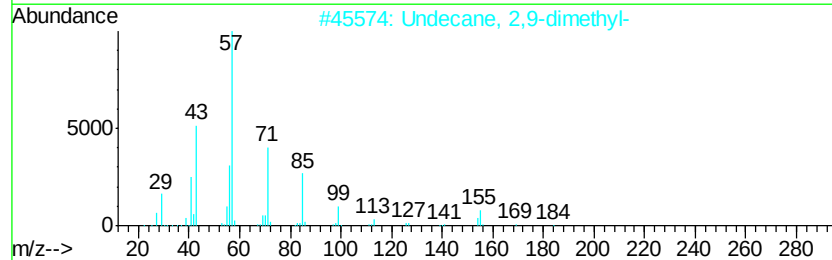
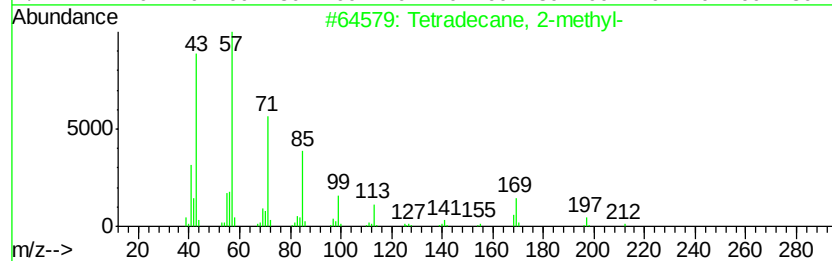
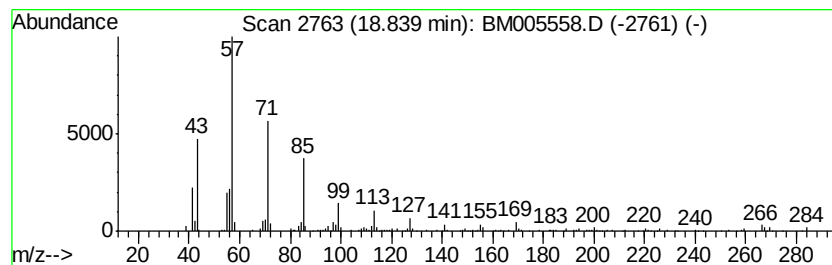
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.75 ng/ul	157780	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	91
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4			Nonadecane	268	C19H40	000629-92-5	81
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

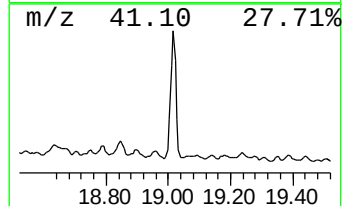
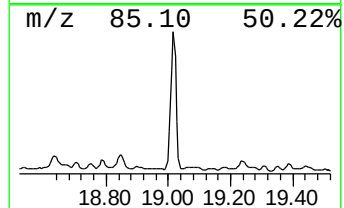
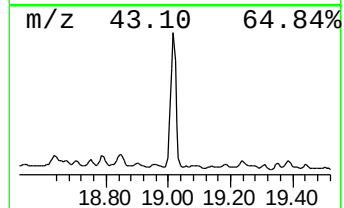
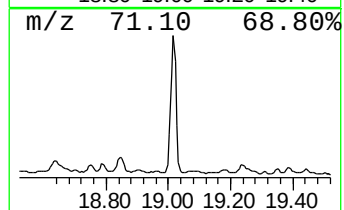
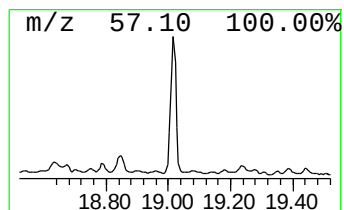
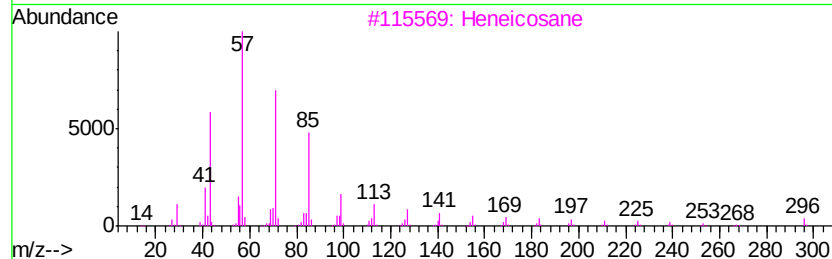
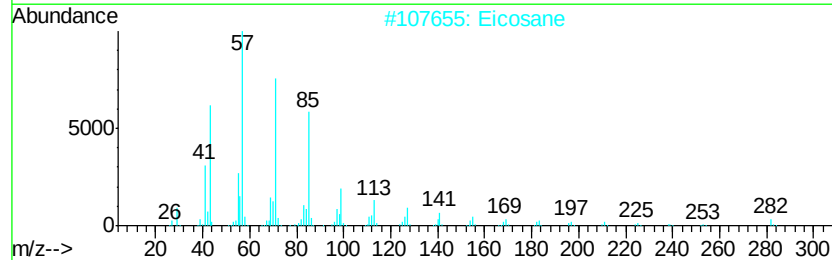
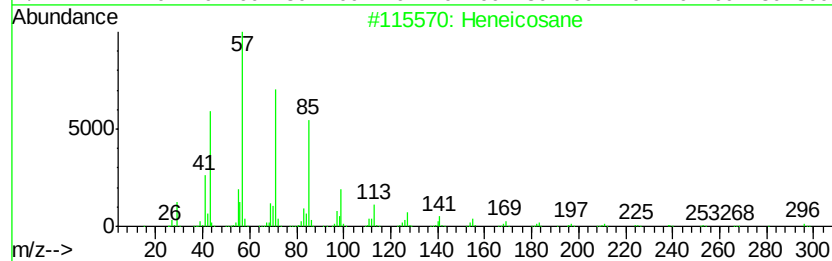
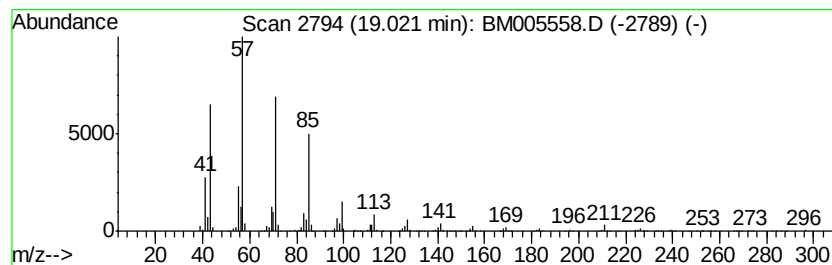
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	25.30 ng/ul	1451500	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Heneicosane	296	C21H44	000629-94-7	97
4		Heptadecane	240	C17H36	000629-78-7	95
5		Hexadecane	226	C16H34	000544-76-3	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

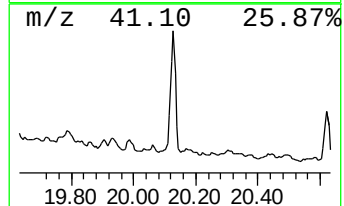
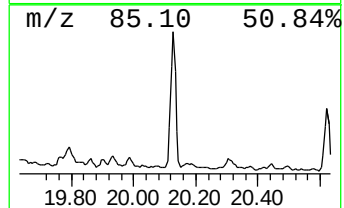
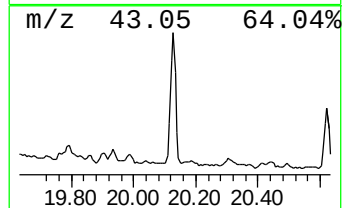
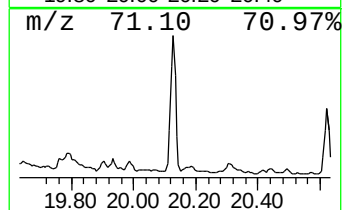
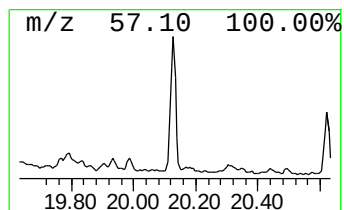
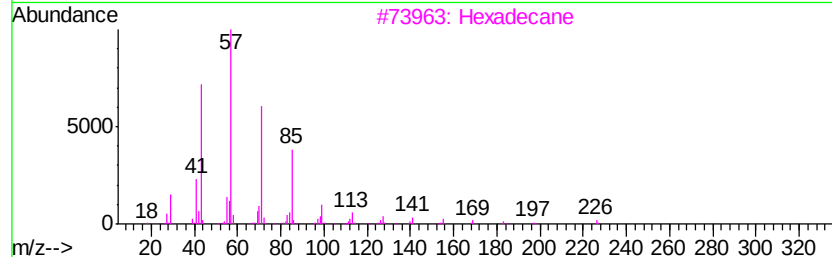
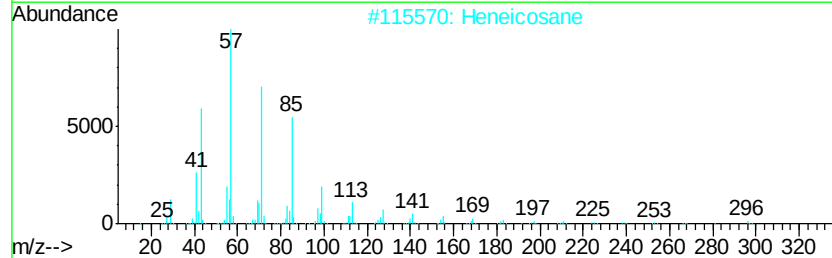
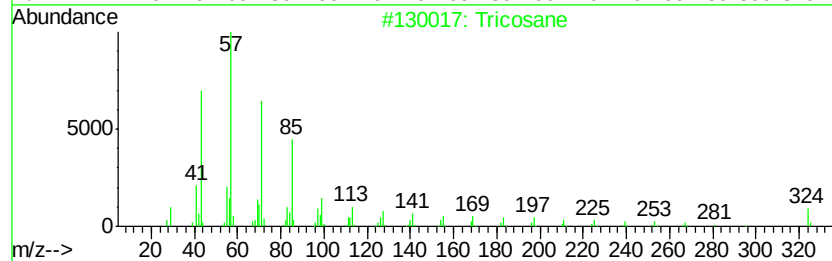
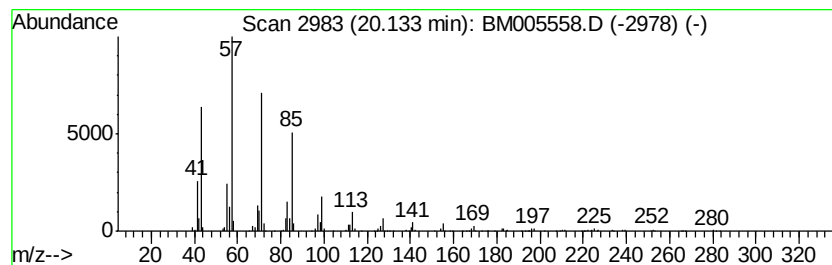
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	5.83 ng/ul	437660	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005558.D
Acq On : 21 May 2016 19:45
Operator : UM/SJ
Sample : H3086-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ0

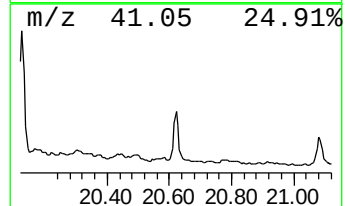
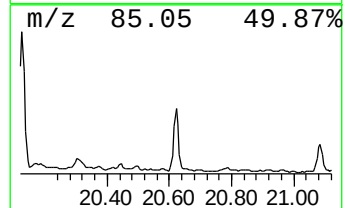
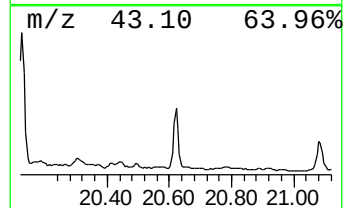
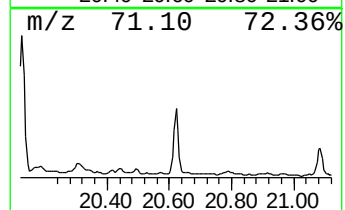
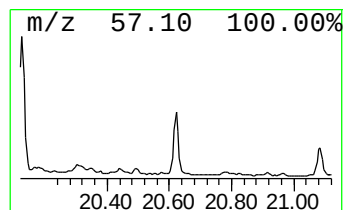
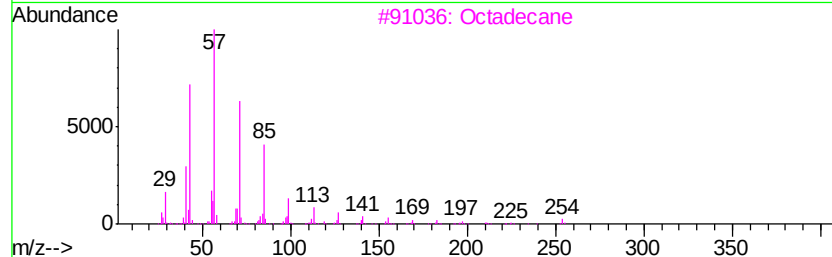
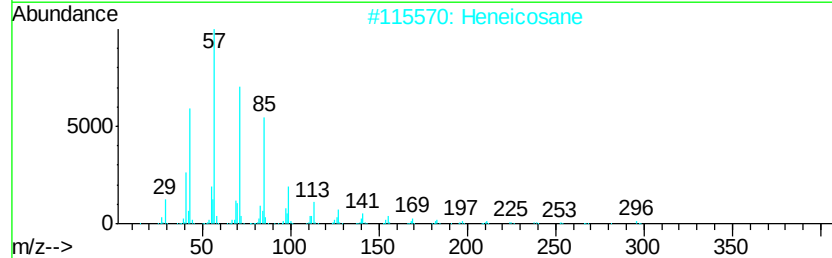
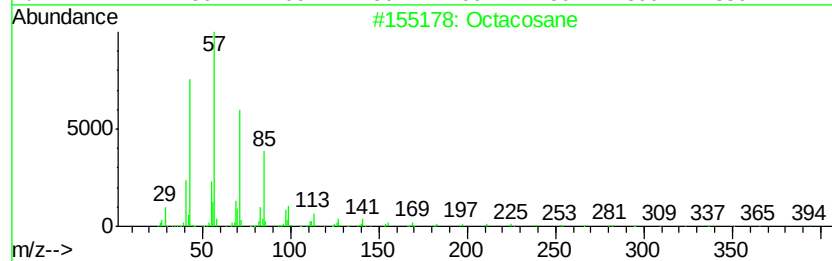
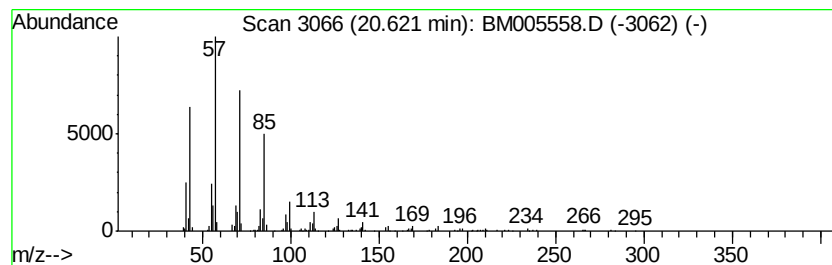
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.59 ng/ul	194477	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005558.D
 Acq On : 21 May 2016 19:45
 Operator : UM/SJ
 Sample : H3086-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

							--Internal Standard--				
TIC	Top	Hit	name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL)	Alkane:	Str...		7.45	8.0	ng/ul	212863	1	7.82	535325	20.0
(DEL)	Alkane:	Str...		8.35	3.0	ng/ul	80545	1	7.82	535325	20.0
(DEL)	Alkane:	Cyc...		8.92	3.0	ng/ul	79817	1	7.82	535325	20.0
(DEL)	Alkane:	Str...		9.05	29.4	ng/ul	787625	1	7.82	535325	20.0
(DEL)	Alkane:	Cyc...		9.17	3.1	ng/ul	84364	1	7.82	535325	20.0
(DEL)	Alkane:	Str...		10.04	2.4	ng/ul	296653	2	10.61	2473420	20.0
(DEL)	Alkane:	Cyc...		11.31	4.8	ng/ul	593787	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		11.45	2.3	ng/ul	289367	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		11.53	3.0	ng/ul	370774	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		11.63	7.5	ng/ul	924588	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		12.03	19.4	ng/ul	2397460	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		12.25	2.4	ng/ul	302017	2	10.61	2473420	20.0
(DEL)	Alkane:	Str...		12.67	4.3	ng/ul	280686	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		12.73	6.3	ng/ul	417608	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		12.77	3.3	ng/ul	215049	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		12.85	5.0	ng/ul	330924	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		12.93	4.2	ng/ul	275557	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		12.99	13.5	ng/ul	884623	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		13.28	43.6	ng/ul	2869060	3	14.45	1314900	20.0
unknown-01				13.72	2.8	ng/ul	184499	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		13.98	6.8	ng/ul	443710	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.06	4.2	ng/ul	274193	3	14.45	1314900	20.0
(DEL)	Alkane:	Cyc...		14.29	3.9	ng/ul	254142	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.36	53.0	ng/ul	3486410	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.80	3.0	ng/ul	198298	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.86	5.9	ng/ul	389904	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.91	5.2	ng/ul	341946	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		14.97	12.6	ng/ul	827236	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		15.04	3.6	ng/ul	235452	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		15.31	53.0	ng/ul	3485500	3	14.45	1314900	20.0
Heptafluorobutyri...				15.35	2.6	ng/ul	172325	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		15.71	23.6	ng/ul	1550170	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		15.80	6.5	ng/ul	429005	3	14.45	1314900	20.0
(DEL)	Alkane:	Str...		15.86	11.1	ng/ul	636621	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		15.92	11.0	ng/ul	629993	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		16.17	76.6	ng/ul	4394740	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		16.51	5.9	ng/ul	340406	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		16.62	3.5	ng/ul	200921	4	17.19	1147410	20.0
2-Bromo dodecane				16.67	3.7	ng/ul	209798	4	17.19	1147410	20.0
(DEL)	Alkane:	Cyc...		16.77	3.2	ng/ul	183104	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		16.96	53.5	ng/ul	3066680	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		17.01	18.1	ng/ul	1035410	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		17.43	5.2	ng/ul	298198	4	17.19	1147410	20.0
Heptacosane, 1-ch...				17.49	6.0	ng/ul	346028	4	17.19	1147410	20.0
(DEL)	Alkane:	Cyc...		17.56	2.9	ng/ul	168064	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		17.61	5.8	ng/ul	334677	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		17.69	46.9	ng/ul	2688260	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		17.97	3.0	ng/ul	169005	4	17.19	1147410	20.0
(DEL)	Alkane:	Str...		18.13	2.9	ng/ul	163546	4	17.19	1147410	20.0

(DEL)	Alkane: Str...	18.39	35.3 ng/ul	2022890	4	17.19	1147410	20.0
(DEL)	Alkane: Str...	18.79	2.6 ng/ul	150509	4	17.19	1147410	20.0
(DEL)	Alkane: Str...	18.84	2.8 ng/ul	157780	4	17.19	1147410	20.0
(DEL)	Alkane: Str...	19.02	25.3 ng/ul	1451500	4	17.19	1147410	20.0
(DEL)	Alkane: Str...	20.13	5.8 ng/ul	437660	5	21.37	1500490	20.0
(DEL)	Alkane: Str...	20.62	2.6 ng/ul	194477	5	21.37	1500490	20.0

Instrument :

BNA_M

ClientSampleId :

JHGJ0