

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005512.D
 Acq On : 19 May 2016 23:43
 Operator : UM/SJ
 Sample : H2890-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5

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-BM051816.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	4.051	242	249	260	rVB	1190588	1847553	4.48%	0.262%
2	5.493	488	494	502	rBV	2501125	4744325	11.52%	0.673%
3	5.857	550	556	566	rVV	3413319	5867060	14.24%	0.832%
4	6.334	631	637	644	rBV5	701740	1676143	4.07%	0.238%
5	6.510	664	667	675	rVB	1110223	1669633	4.05%	0.237%
6	6.992	743	749	755	rVV3	1170979	2332404	5.66%	0.331%
7	7.228	784	789	797	rVB2	1336042	2158370	5.24%	0.306%
8	7.487	823	833	842	rVV2	2809183	6636267	16.11%	0.942%
9	7.816	883	889	896	rBV2	1336773	2984646	7.25%	0.423%
10	7.951	906	912	919	rBV2	1862412	3260739	7.92%	0.463%
11	8.481	995	1002	1007	rVV3	966753	2250273	5.46%	0.319%
12	8.657	1025	1032	1038	rVV4	539829	1615275	3.92%	0.229%
13	8.939	1069	1080	1084	rBV3	687690	1718654	4.17%	0.244%
14	9.063	1092	1101	1111	rVB2	2364389	4714379	11.44%	0.669%
15	10.245	1298	1302	1310	rVB3	825947	1673452	4.06%	0.237%
16	10.328	1310	1316	1323	rBV	823607	1561931	3.79%	0.222%
17	10.604	1357	1363	1371	rBV2	3080889	6913118	16.78%	0.981%
18	10.680	1371	1376	1383	rVB	7782177	14229180	34.54%	2.019%
19	10.792	1390	1395	1401	rVB	1614311	2579355	6.26%	0.366%
20	11.457	1493	1508	1515	rBV9	548952	2107547	5.12%	0.299%
21	11.539	1515	1522	1528	rVB3	1041947	2115751	5.14%	0.300%
22	11.657	1536	1542	1549	rVV	3611769	5882743	14.28%	0.835%
23	12.051	1604	1609	1625	rBV	3475588	5874899	14.26%	0.834%
24	12.298	1636	1651	1658	rVB	13964114	25841636	62.73%	3.666%
25	12.516	1681	1688	1696	rVB	10516332	18008971	43.72%	2.555%
26	12.869	1743	1748	1751	rBV	1059266	1516713	3.68%	0.215%
27	13.010	1767	1772	1777	rVB	3412254	4974295	12.07%	0.706%
28	13.298	1813	1821	1827	rBV	5715046	9179056	22.28%	1.302%
29	13.498	1850	1855	1858	rBV	2101928	3516422	8.54%	0.499%
30	13.633	1871	1878	1879	rBV	4540516	6633062	16.10%	0.941%
31	13.798	1899	1906	1910	rBV	7694402	14232518	34.55%	2.019%
32	13.851	1910	1915	1919	rBV	7460505	11032284	26.78%	1.565%
33	13.957	1929	1933	1937	rVV	5950495	8744683	21.23%	1.241%
34	14.033	1941	1946	1949	rVV	6310969	10265989	24.92%	1.457%

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35	14.063	1949	1951	1957	rVB2	2678235	3442398	8.36%	0.488%
36	14.163	1963	1968	1970	rBV	2172797	3266852	7.93%	0.464%
37	14.192	1970	1973	1981	rVB	3245852	4952391	12.02%	0.703%
38	14.374	1999	2004	2010	rBV	5403593	7338938	17.82%	1.041%
39	14.445	2010	2016	2018	rBV	2711312	4483226	10.88%	0.636%
40	14.468	2018	2020	2025	rVV2	3001890	3793523	9.21%	0.538%
41	14.521	2025	2029	2032	rVV	1008754	1638103	3.98%	0.232%
42	14.557	2032	2035	2039	rVB	1245433	1636392	3.97%	0.232%
43	14.680	2050	2056	2063	rBV	2027283	5383452	13.07%	0.764%
44	14.763	2063	2070	2075	rVV2	2385483	4690619	11.39%	0.666%
45	14.868	2082	2088	2095	rVB	7011586	11421763	27.73%	1.621%
46	14.945	2095	2101	2105	rVB	3485164	5665045	13.75%	0.804%
47	14.998	2105	2110	2117	rVB5	1625610	3587289	8.71%	0.509%
48	15.092	2117	2126	2130	rBV2	3323100	6052586	14.69%	0.859%
49	15.139	2130	2134	2138	rVB	3333816	4411817	10.71%	0.626%
50	15.257	2147	2154	2158	rBV3	4897743	9909530	24.06%	1.406%
51	15.292	2158	2160	2162	rVV	2568762	2702700	6.56%	0.383%
52	15.327	2162	2166	2170	rVB	5337681	7186318	17.44%	1.020%
53	15.398	2170	2178	2179	rBV5	1010946	2015164	4.89%	0.286%
54	15.462	2185	2189	2192	rVB	1766018	2295341	5.57%	0.326%
55	15.510	2192	2197	2201	rVB	9122281	12471973	30.28%	1.770%
56	15.562	2201	2206	2209	rBV3	913275	1600390	3.88%	0.227%
57	15.733	2230	2235	2240	rVB2	5153498	8214101	19.94%	1.165%
58	15.815	2241	2249	2255	rVV	5932723	10830008	26.29%	1.537%
59	15.892	2257	2262	2266	rVV3	1184993	2242592	5.44%	0.318%
60	15.962	2266	2274	2281	rVB2	5359133	13180318	31.99%	1.870%
61	16.051	2281	2289	2296	rVB2	2353107	5783401	14.04%	0.821%
62	16.221	2305	2318	2323	rBV	18461978	41195063	100.00%	5.845%
63	16.327	2331	2336	2339	rBV	1542220	2550501	6.19%	0.362%
64	16.521	2366	2369	2373	rVB3	1047312	1537838	3.73%	0.218%
65	16.757	2402	2409	2418	rBV3	6405764	17571927	42.66%	2.493%
66	16.874	2425	2429	2435	rVB2	2343854	3736168	9.07%	0.530%
67	16.974	2443	2446	2452	rVB	6486666	9371170	22.75%	1.330%
68	17.033	2452	2456	2460	rBV	2996203	4349847	10.56%	0.617%
69	17.215	2482	2487	2490	rBV	3714755	5952292	14.45%	0.845%
70	17.262	2490	2495	2499	rVV	9452702	13881857	33.70%	1.970%
71	17.392	2514	2517	2523	rBV3	1510576	2392206	5.81%	0.339%

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72	17.639	2552	2559	2564	rBV6	1526402	4260758	10.34%	0.605%
73	17.715	2567	2572	2581	rVB	8395882	12045827	29.24%	1.709%
74	18.051	2626	2629	2632	rBV3	960751	1528523	3.71%	0.217%
75	18.092	2632	2636	2638	rVV	4196753	6202545	15.06%	0.880%
76	18.139	2639	2644	2652	rVB	6802721	14005029	34.00%	1.987%
77	18.215	2653	2657	2661	rBV2	1535205	2384489	5.79%	0.338%
78	18.280	2663	2668	2671	rVV	5233397	8317537	20.19%	1.180%
79	18.321	2671	2675	2681	rVB	6225802	9901704	24.04%	1.405%
80	18.403	2684	2689	2693	rBV	7792265	11204839	27.20%	1.590%
81	18.592	2717	2721	2725	rBV2	2249269	3223024	7.82%	0.457%
82	18.839	2760	2763	2765	rBV2	1309616	1549919	3.76%	0.220%
83	19.009	2788	2792	2794	rBV	3166829	4641549	11.27%	0.659%
84	19.039	2794	2797	2804	rVV2	9121382	13139703	31.90%	1.864%
85	19.103	2805	2808	2812	rVB	3127196	3724499	9.04%	0.528%
86	19.268	2833	2836	2843	rVB	4324572	5987439	14.53%	0.850%
87	19.368	2850	2853	2855	rBV2	1597747	2012028	4.88%	0.285%
88	19.615	2889	2895	2907	rVV6	9994199	22508893	54.64%	3.194%
89	19.709	2907	2911	2917	rVB2	3658313	6253894	15.18%	0.887%
90	19.956	2949	2953	2959	rBV5	2357615	4620293	11.22%	0.656%
91	20.050	2965	2969	2973	rVB3	6037307	8062838	19.57%	1.144%
92	20.150	2983	2986	2990	rVB	10055762	12110620	29.40%	1.718%
93	20.650	3066	3071	3079	rBV	10646986	14036891	34.07%	1.992%
94	20.880	3107	3110	3115	rVB	3919676	4828803	11.72%	0.685%
95	21.109	3145	3149	3156	rVB	11586860	14372504	34.89%	2.039%
96	21.550	3220	3224	3231	rVB	11088899	13785014	33.46%	1.956%
97	21.991	3295	3299	3309	rVB	12200048	17753360	43.10%	2.519%
98	22.468	3376	3380	3385	rVB	7534648	10084889	24.48%	1.431%
99	22.991	3465	3469	3475	rVB2	6578713	10081411	24.47%	1.430%
100	24.791	3770	3775	3787	rVB2	3835236	9095004	22.08%	1.290%

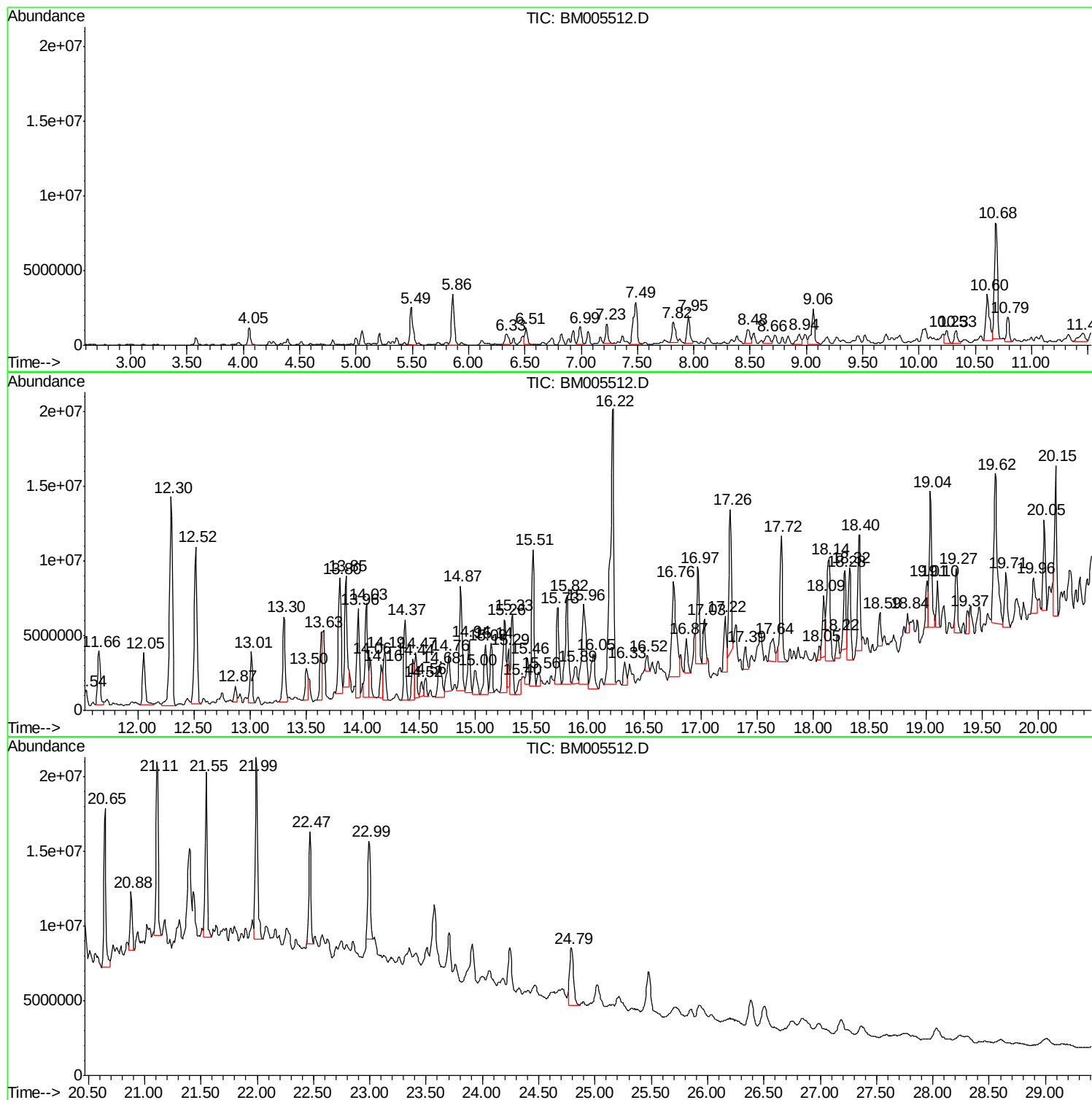
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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



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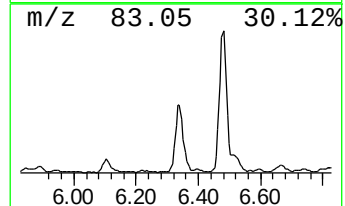
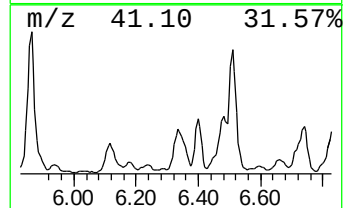
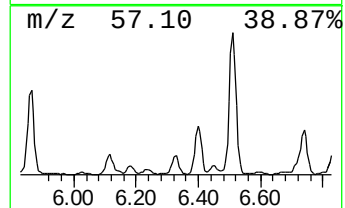
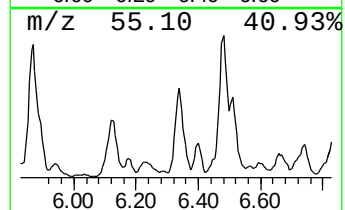
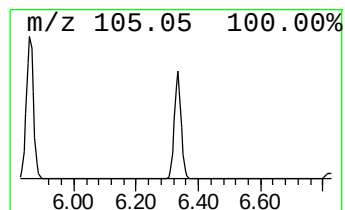
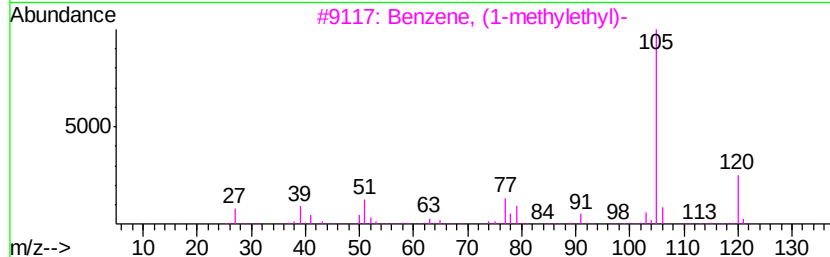
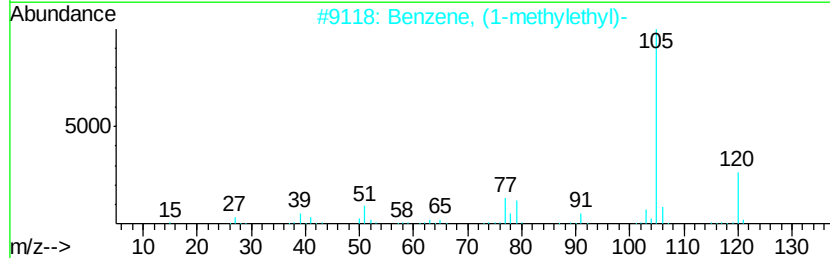
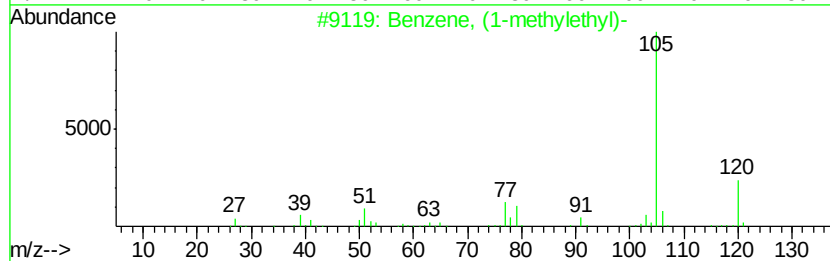
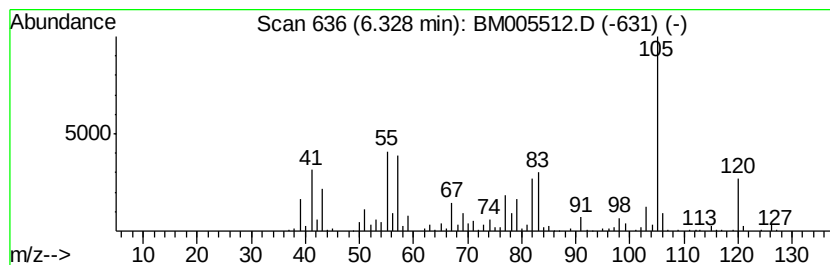
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown6.33 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	11.23 ng/ul	1676140	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
2		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	30



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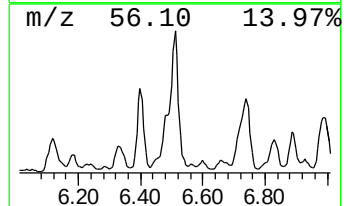
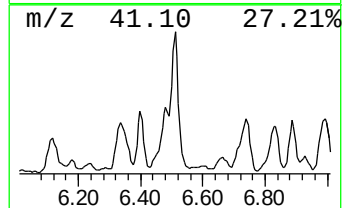
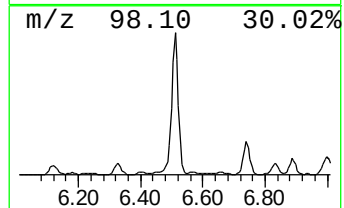
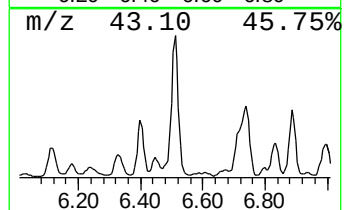
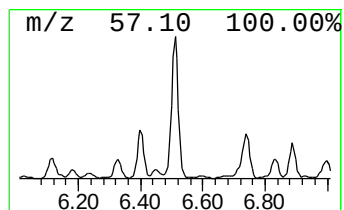
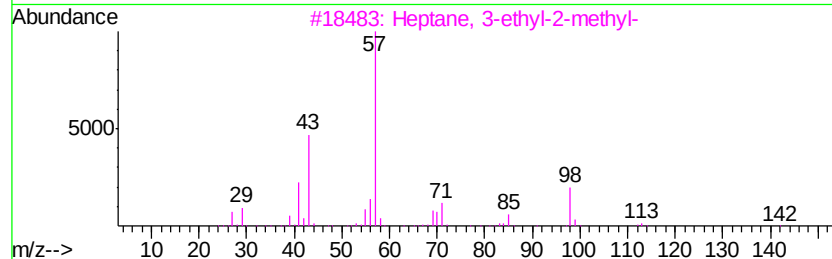
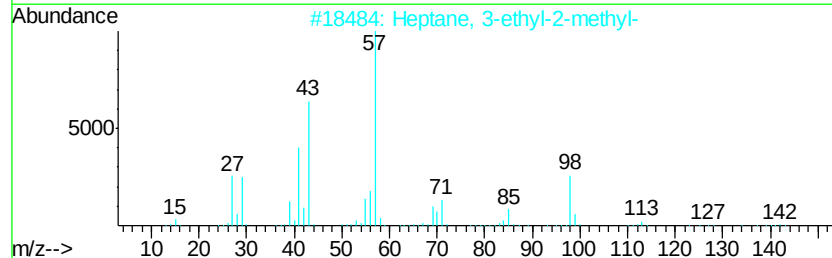
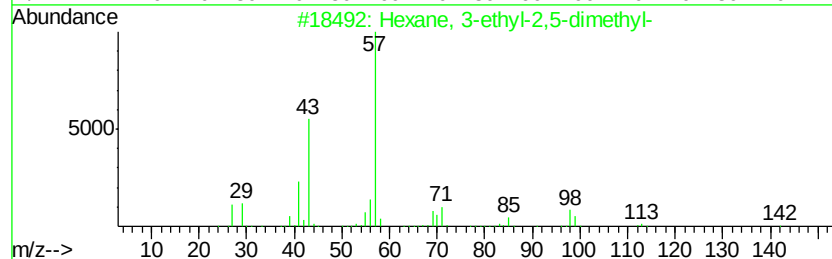
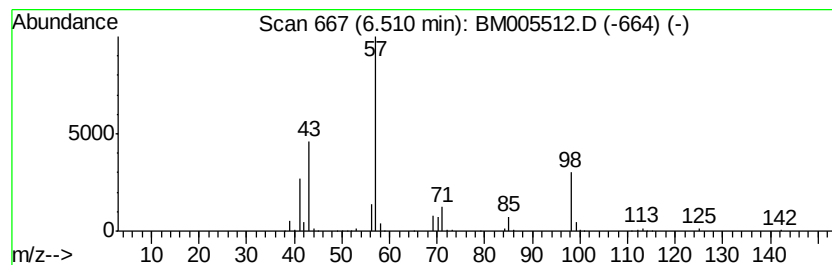
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	11.19 ng/ul	1669630	1,4-Dichlorobenzene-d4	7.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane,	3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	76
2	Heptane,	3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3	Heptane,	3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4	Octane,	2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Decane,	2,5-dimethyl-	170	C12H26	017312-50-4	53



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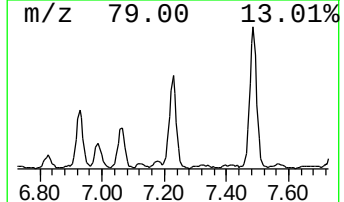
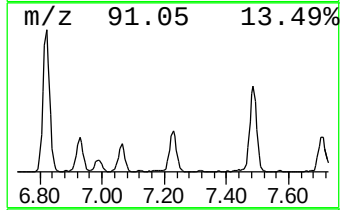
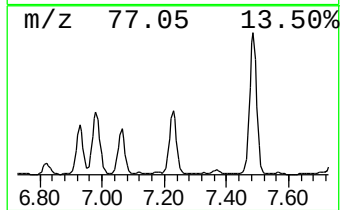
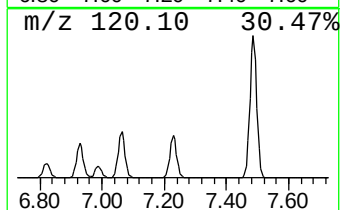
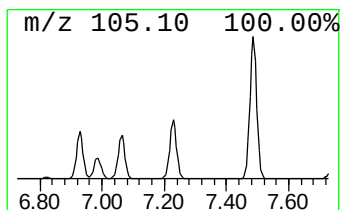
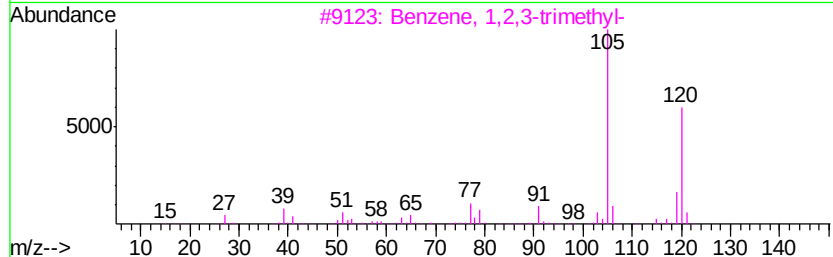
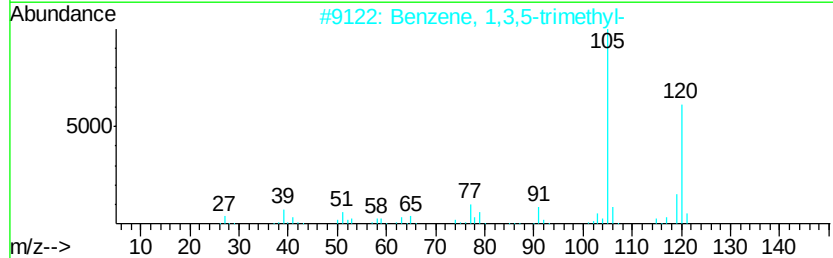
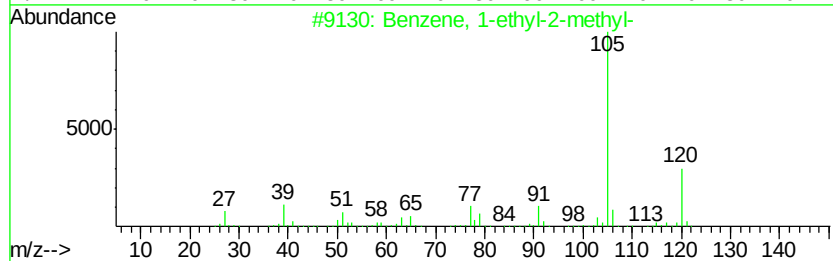
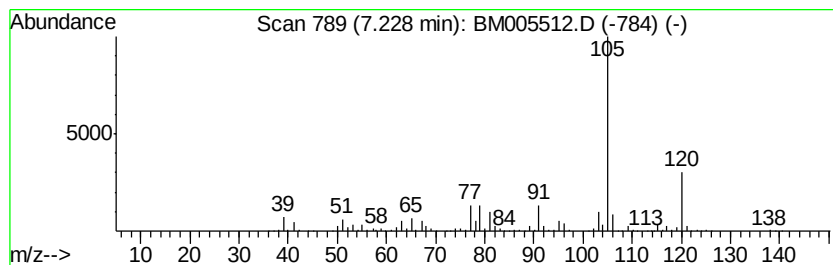
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	14.46 ng/ul	2158370	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

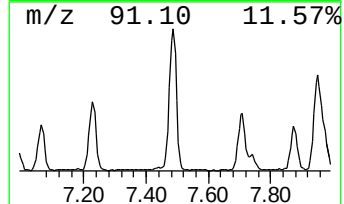
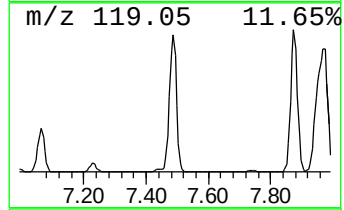
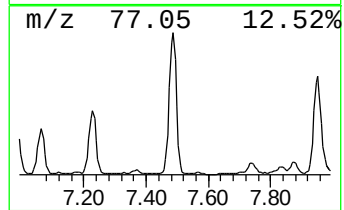
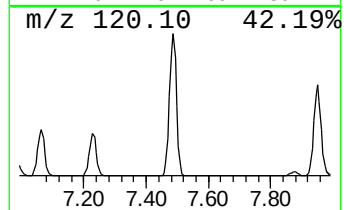
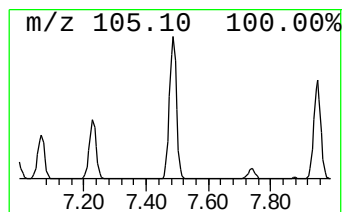
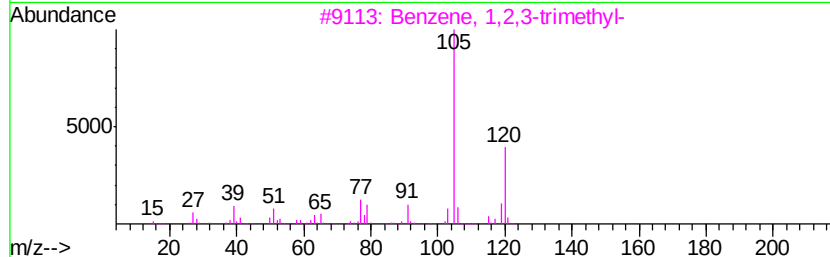
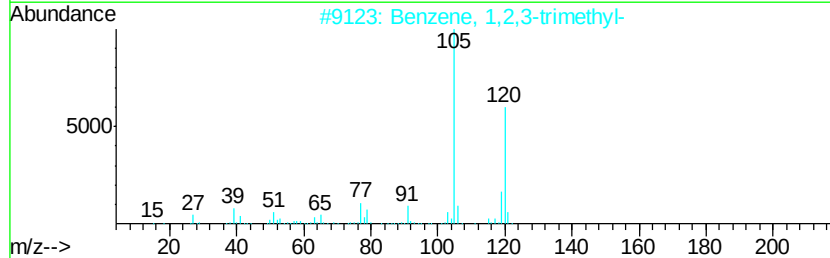
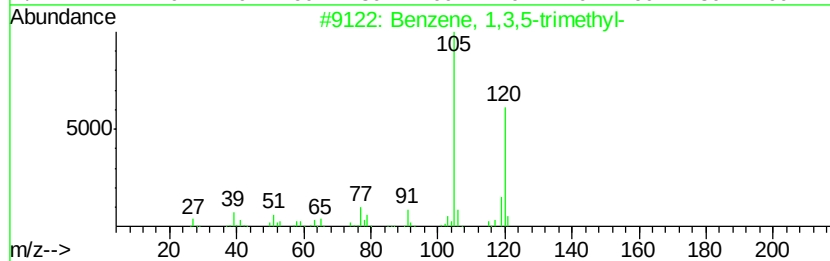
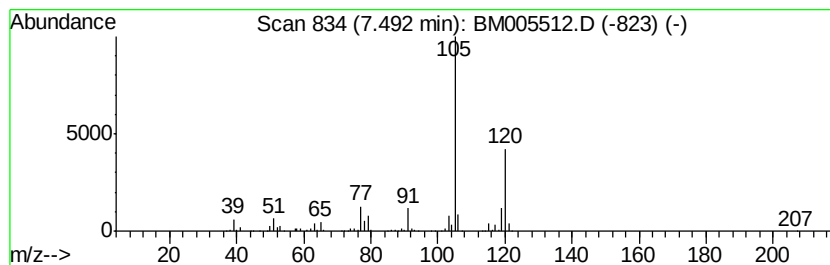
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	44.47 ng/ul	6636270	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

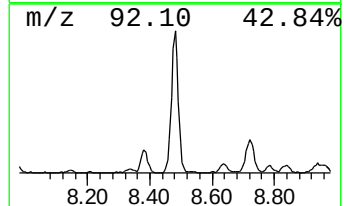
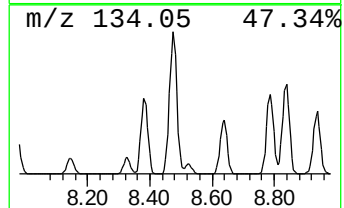
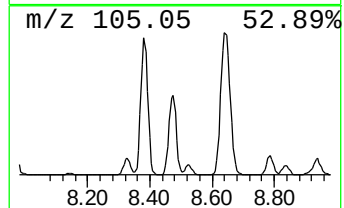
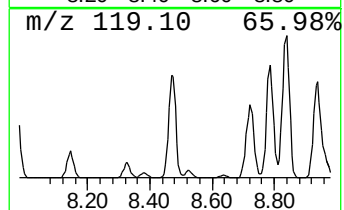
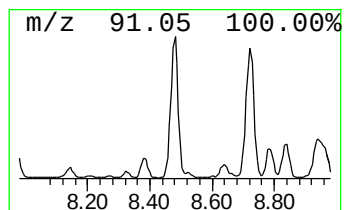
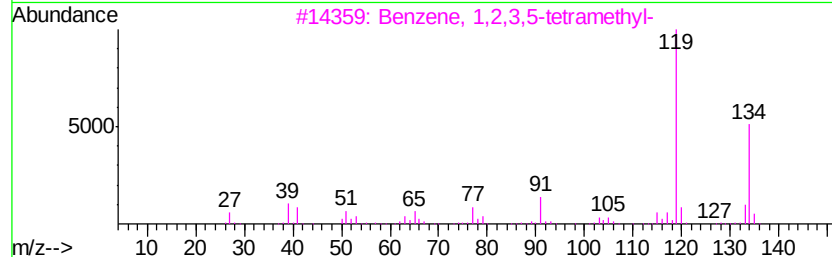
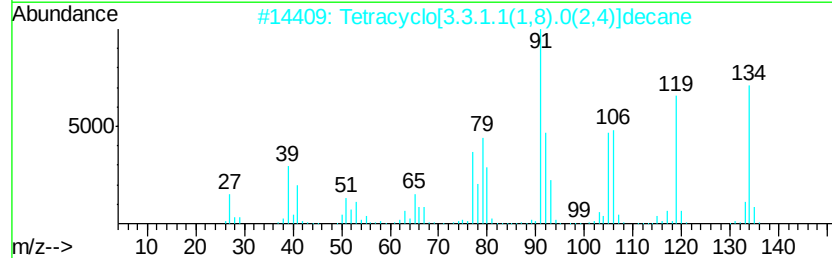
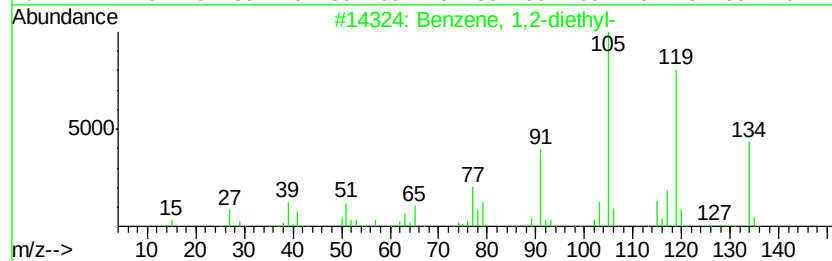
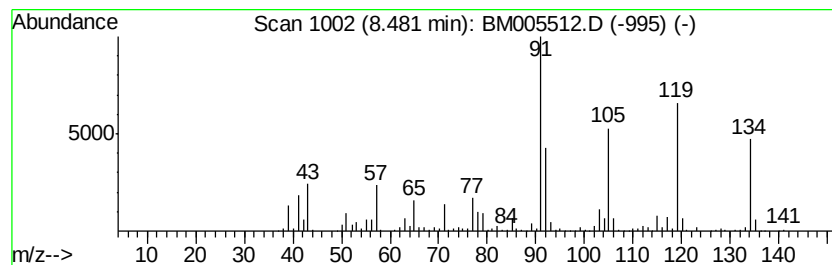
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.48	15.08 ng/ul	2250270	1,4-Dichlorobenzene-d4	7.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
2		Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
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Instrument :
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ClientSampleId :
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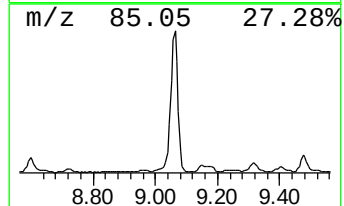
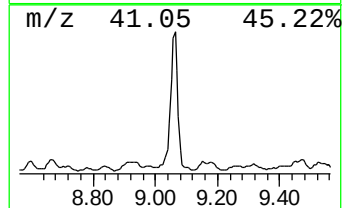
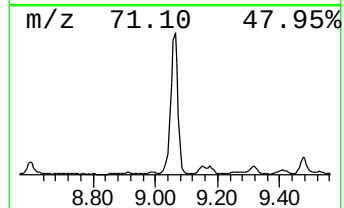
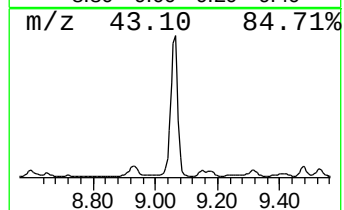
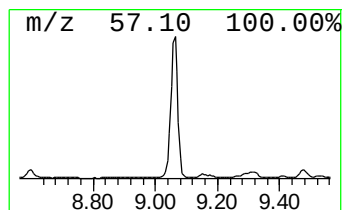
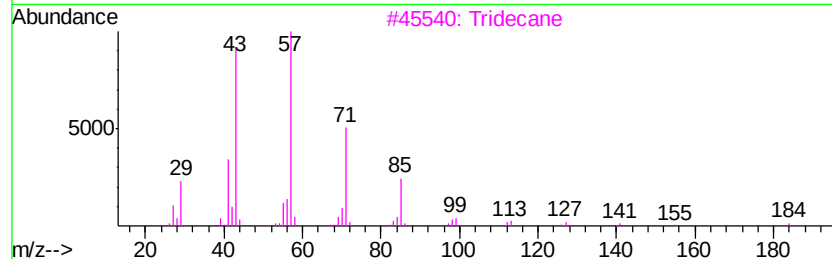
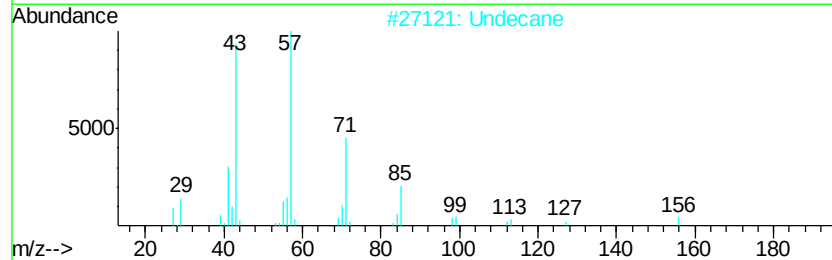
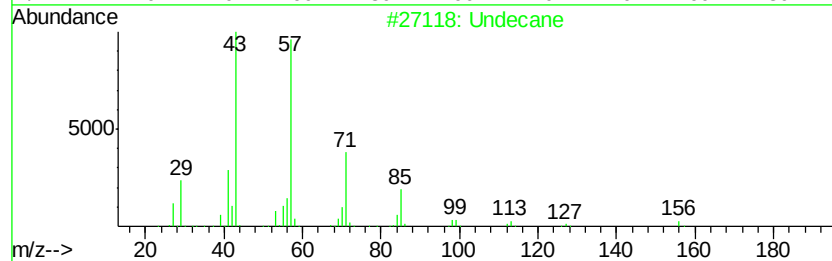
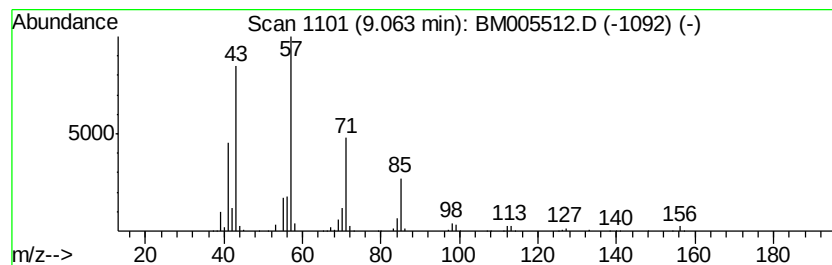
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	31.59 ng/ul	4714380	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	90
2		Undecane	156	C11H24	001120-21-4	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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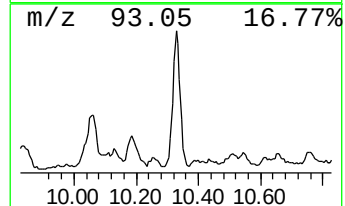
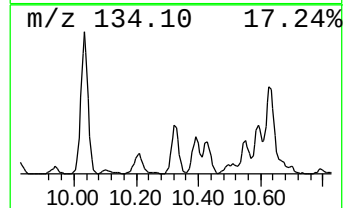
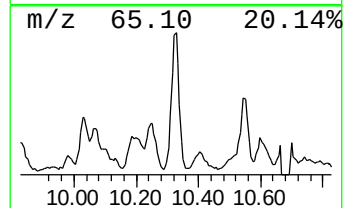
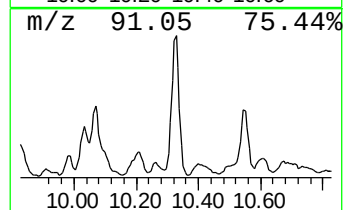
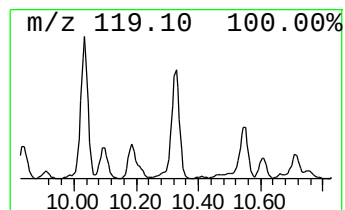
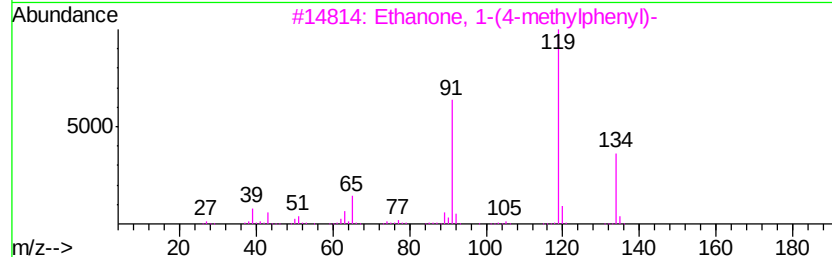
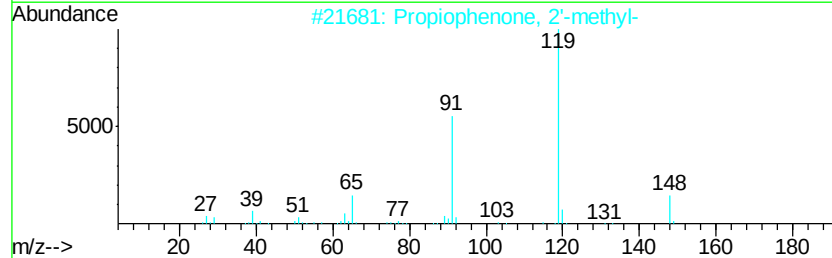
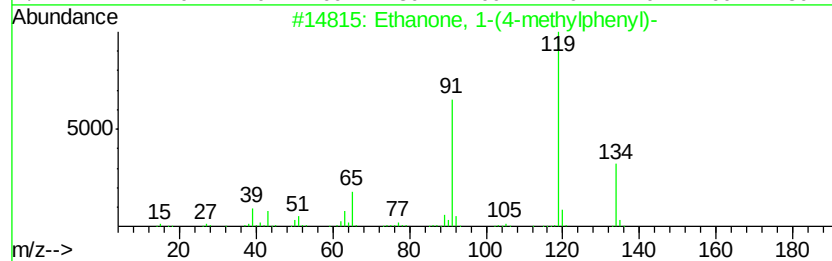
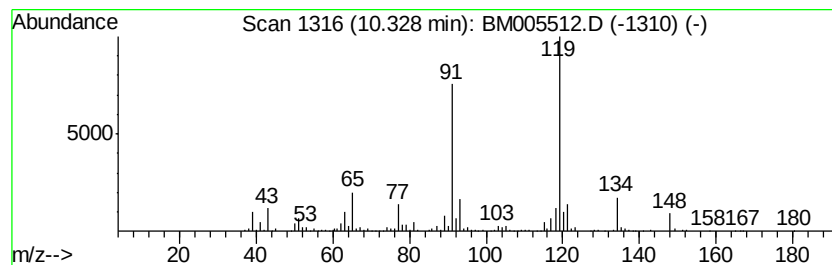
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Ethanone, 1-(4-methylphenyl)- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.52 ng/ul	1561930	Napthalene-d8	10.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	76
2			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	76
3			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	62
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5			Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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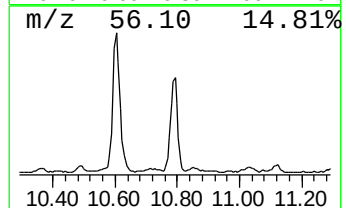
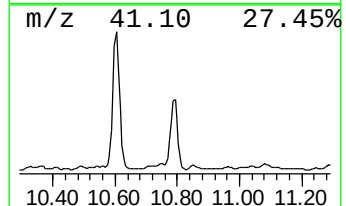
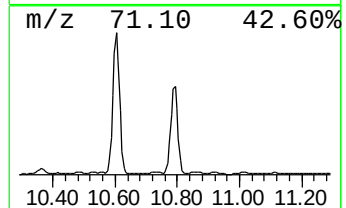
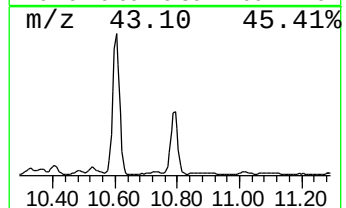
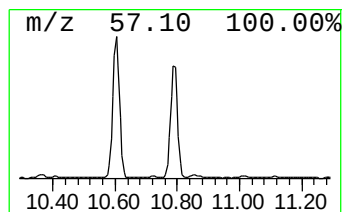
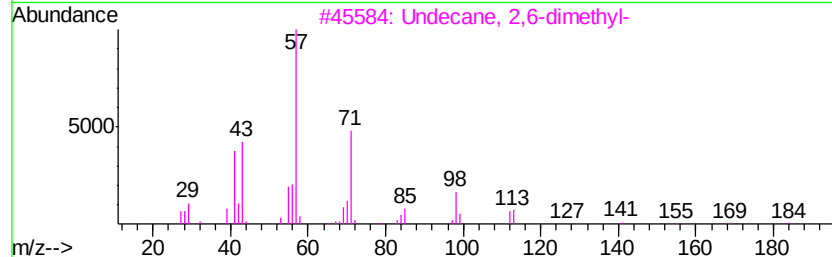
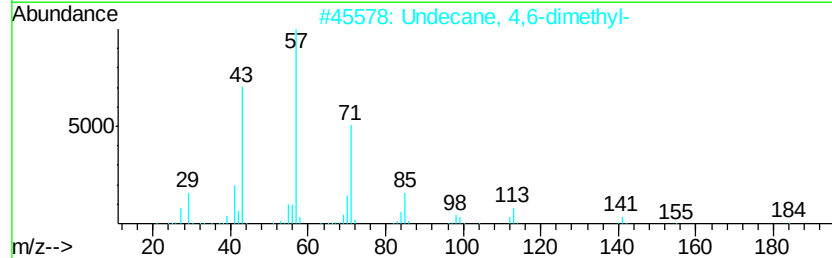
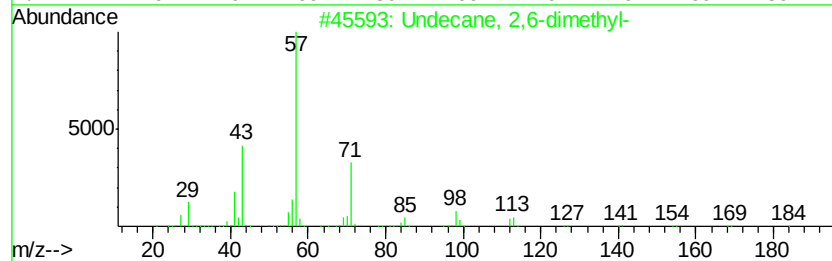
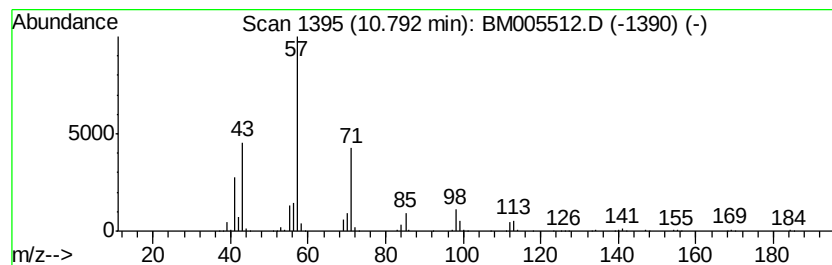
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	7.46 ng/ul	2579360	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
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Misc :
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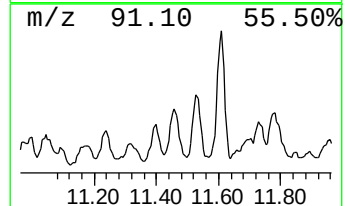
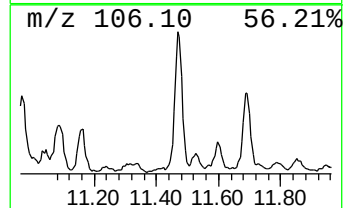
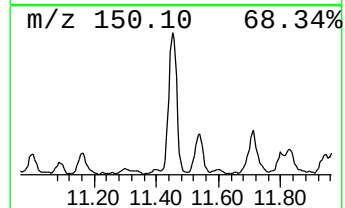
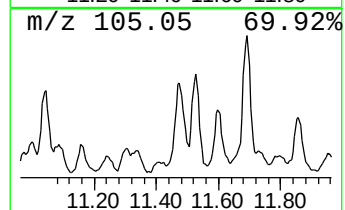
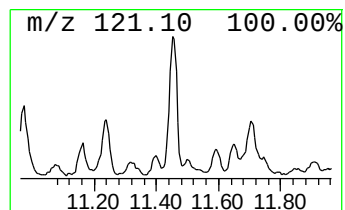
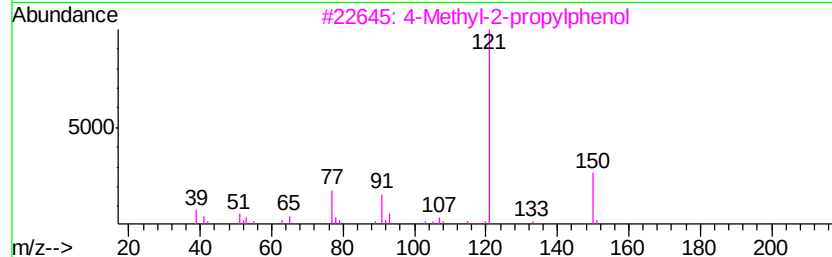
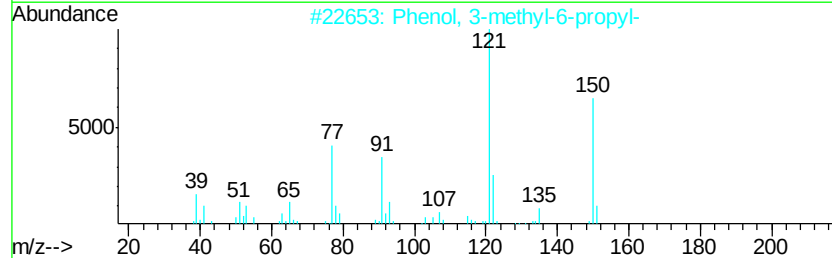
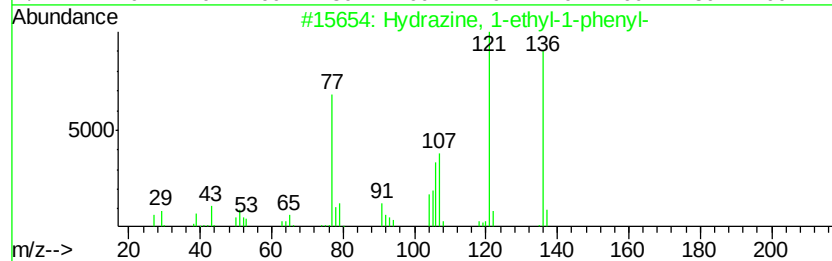
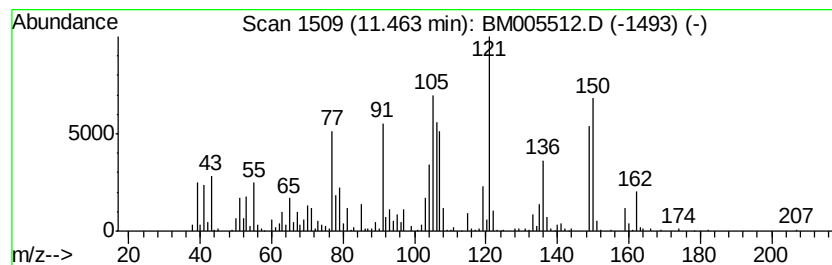
Instrument :
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ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.46	6.10 ng/ul	2107550	Napthalene-d8	10.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	58
2		Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	50
3		4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	45
4		Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	42
5		Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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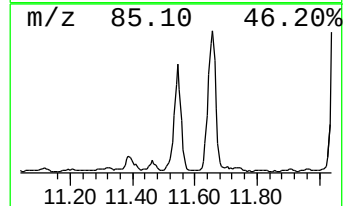
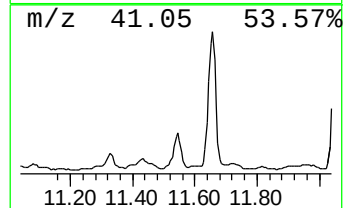
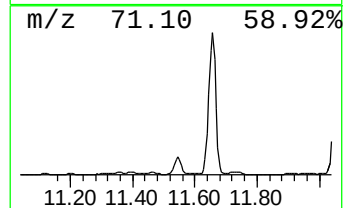
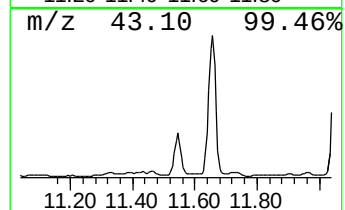
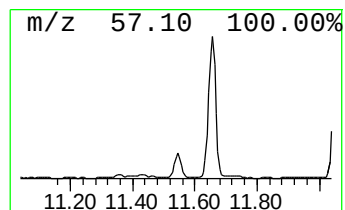
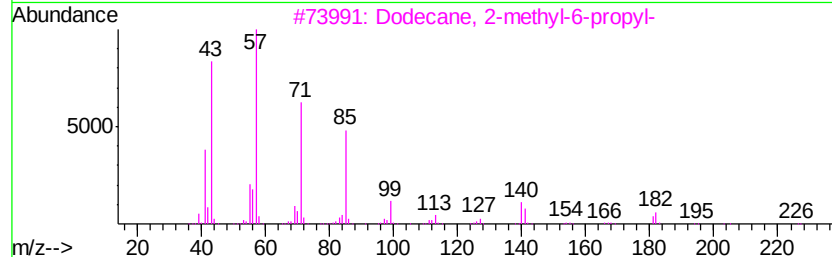
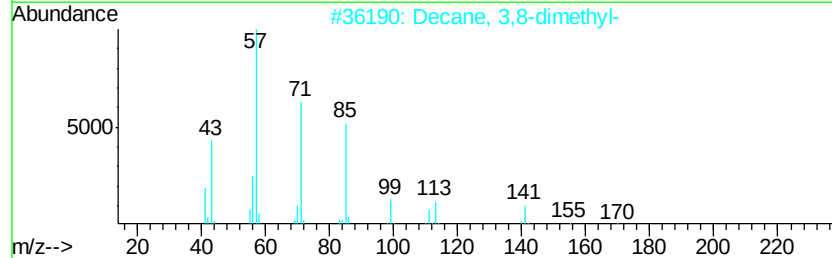
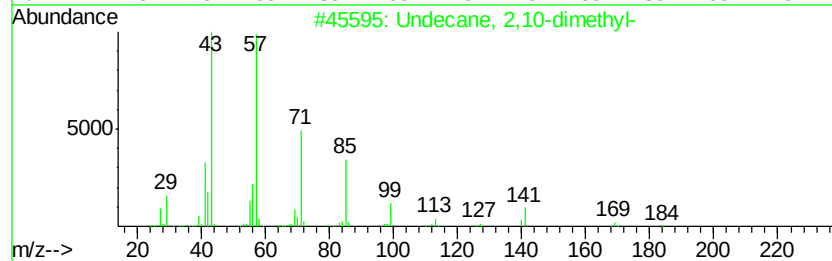
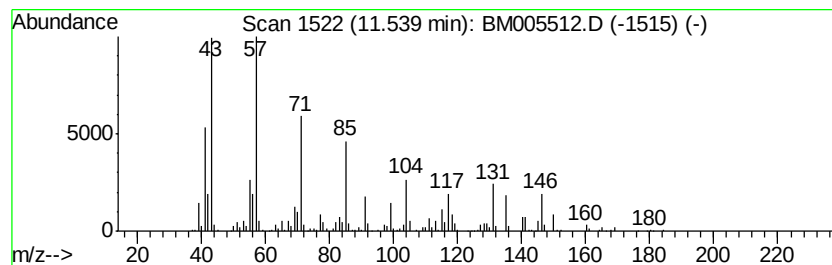
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.12 ng/ul	2115750	Napthalene-d8	10.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	60
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

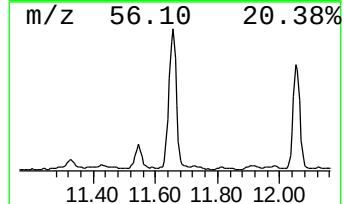
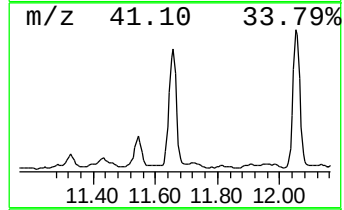
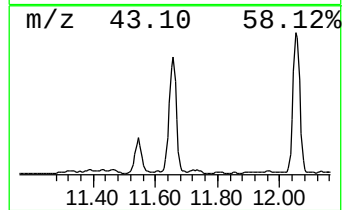
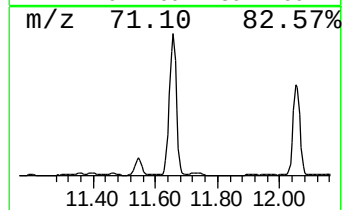
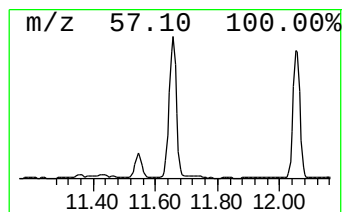
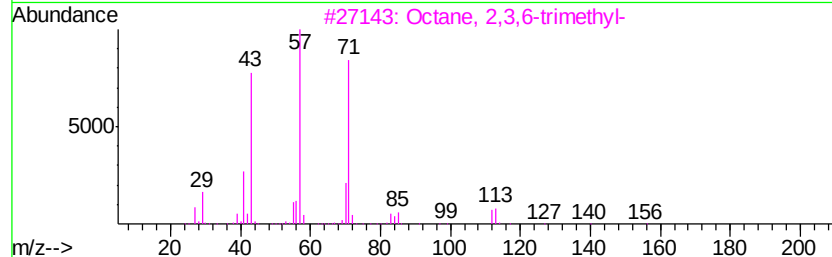
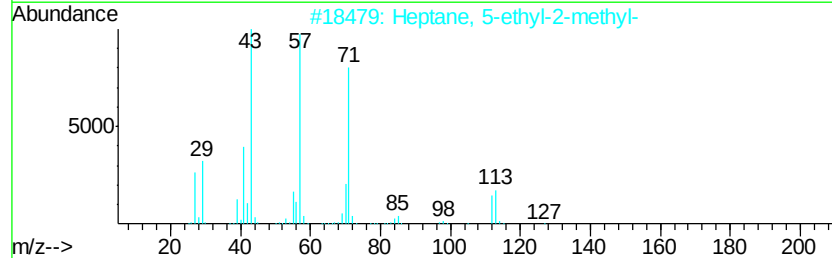
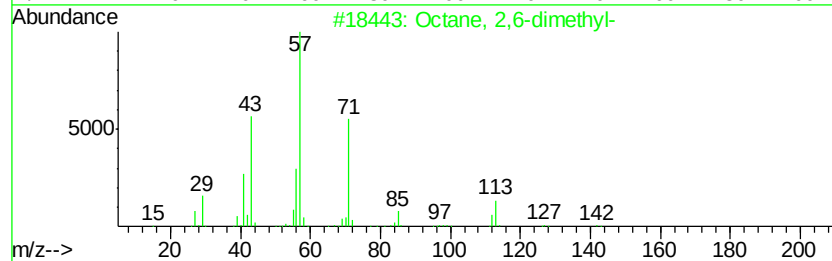
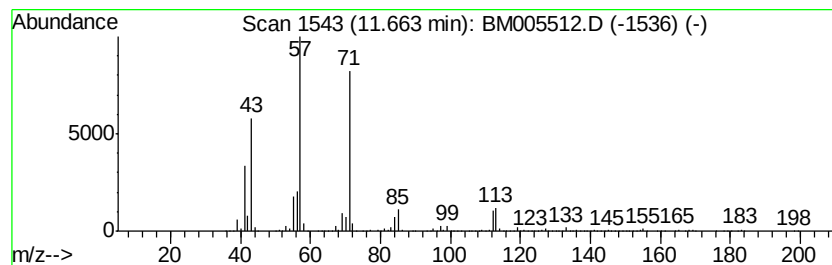
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	17.02 ng/ul	5882740	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	78
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
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ClientSampleId :
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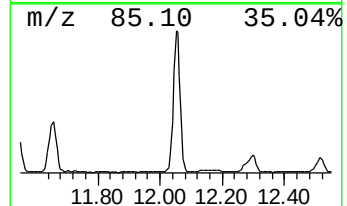
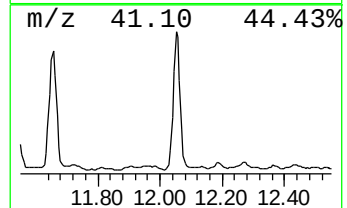
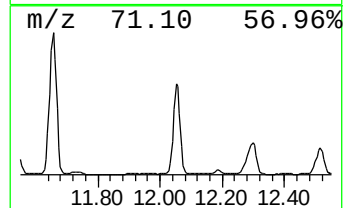
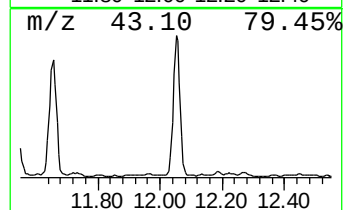
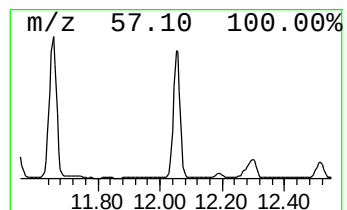
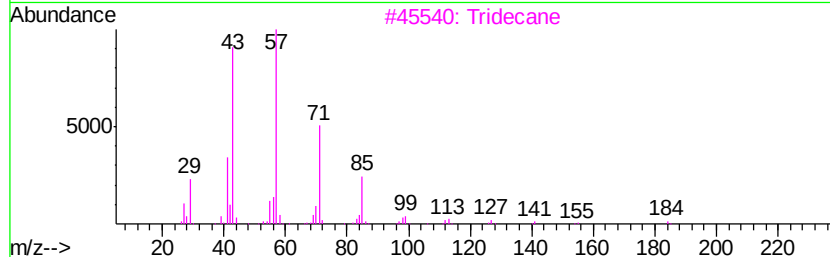
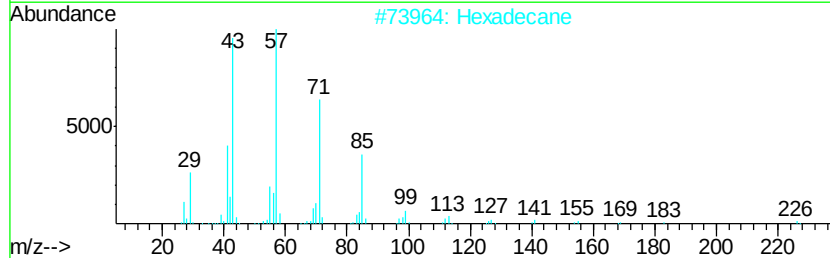
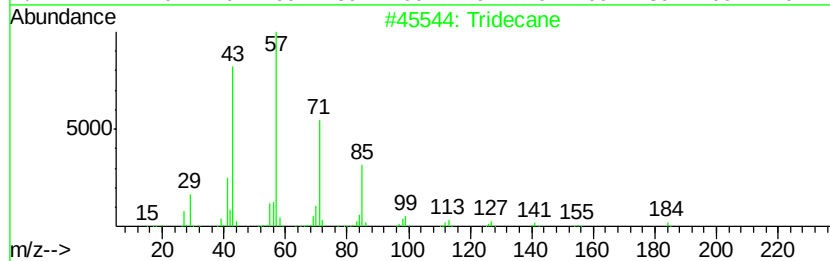
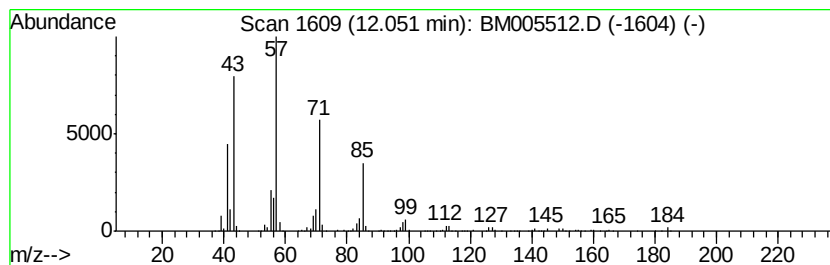
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	17.00 ng/ul	5874900	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

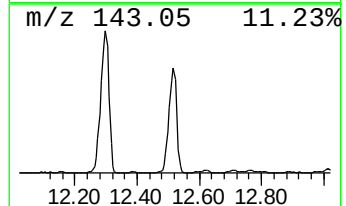
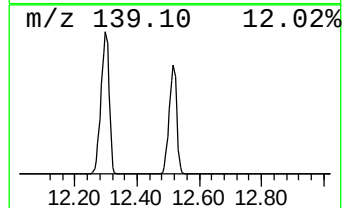
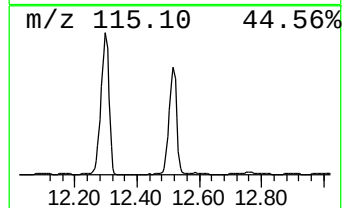
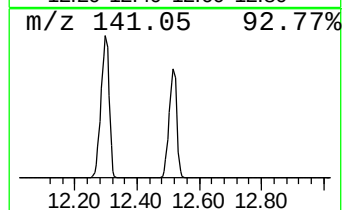
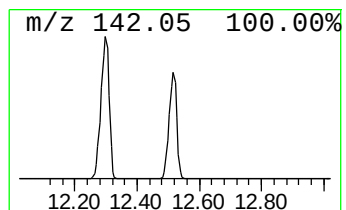
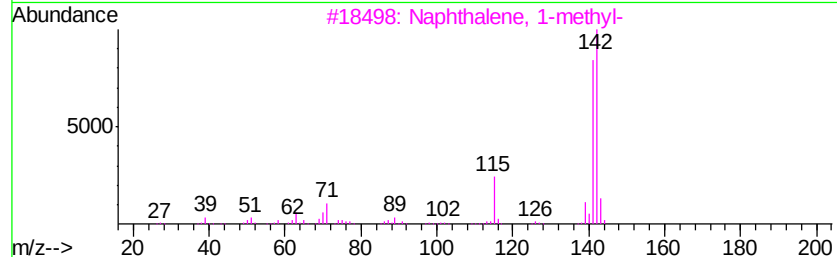
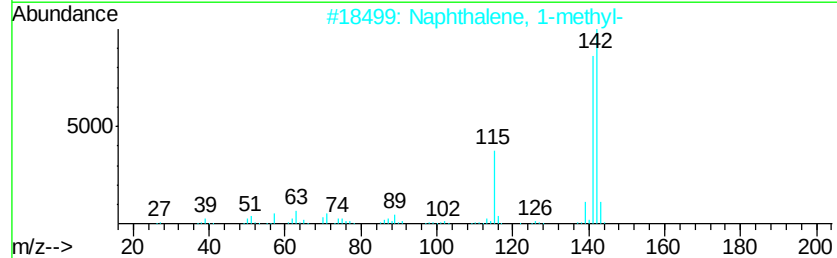
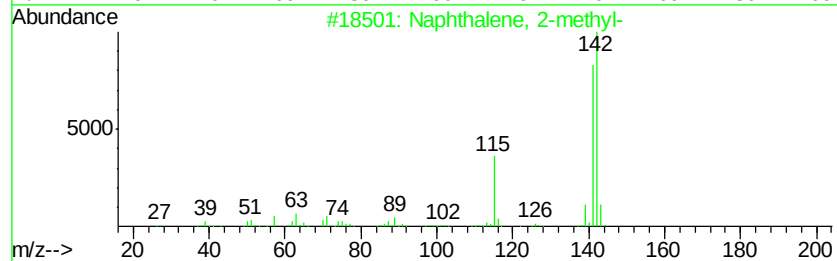
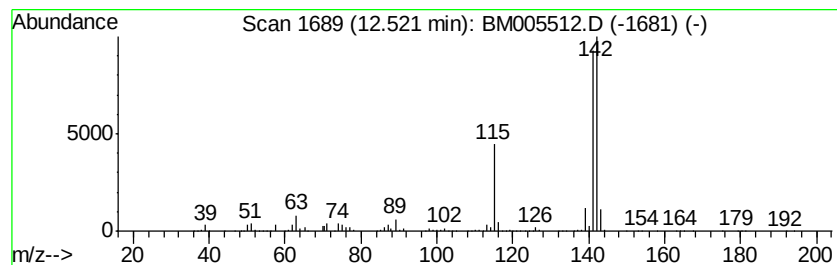
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	52.10 ng/ul	18009000	Naphthalene-d8	10.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94
5		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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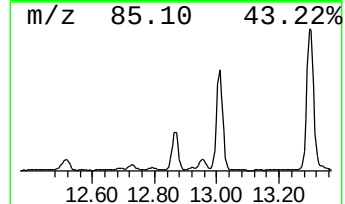
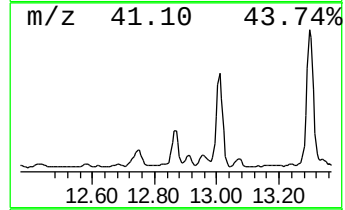
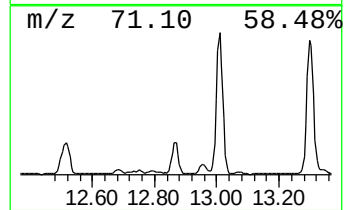
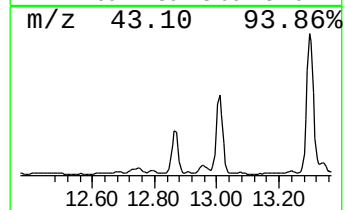
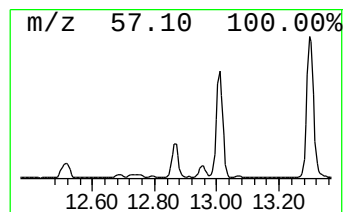
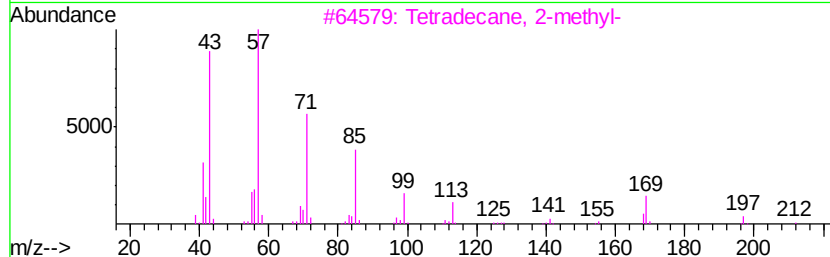
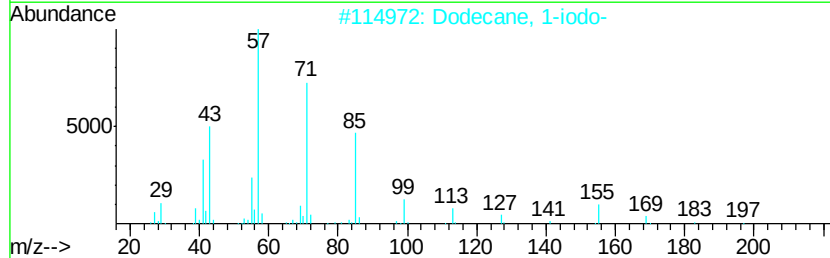
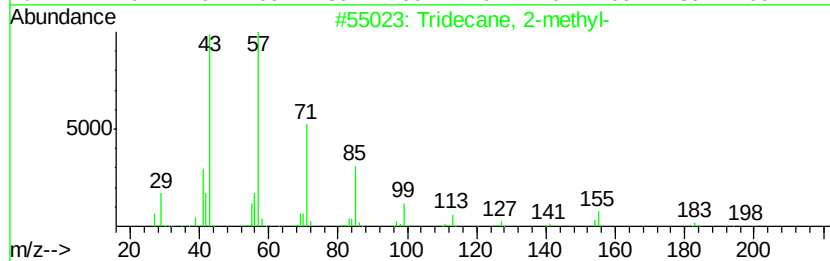
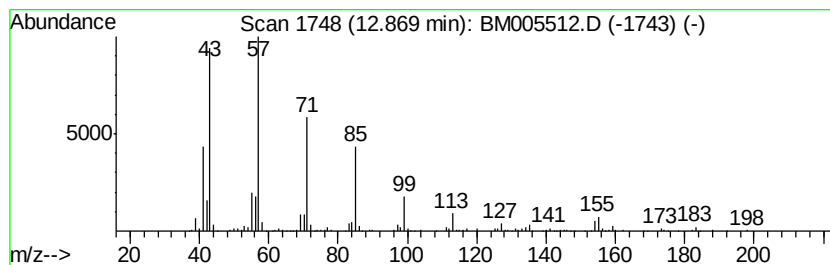
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	8.00 ng/ul	1516710	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	96
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4			Decane, 3-methyl-	156	C11H24	013151-34-3	68
5			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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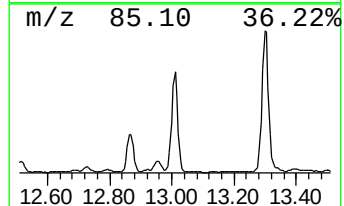
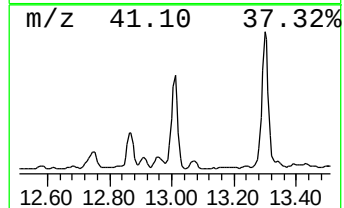
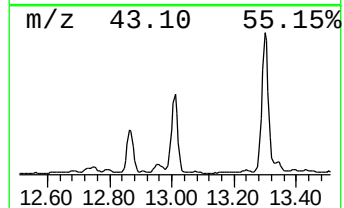
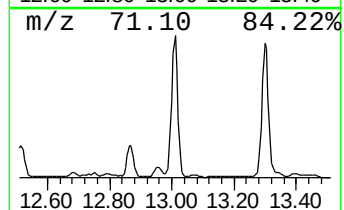
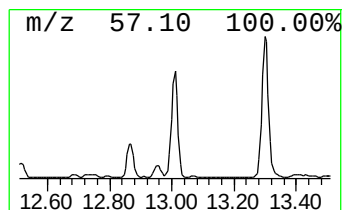
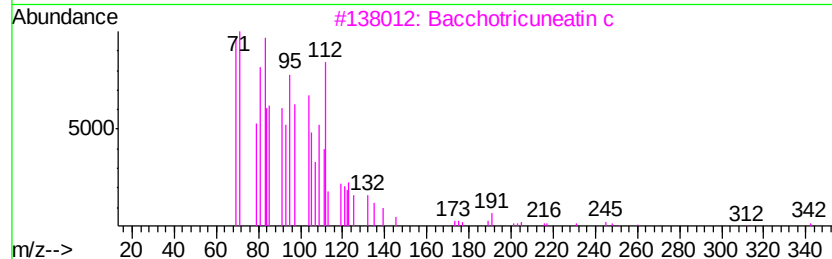
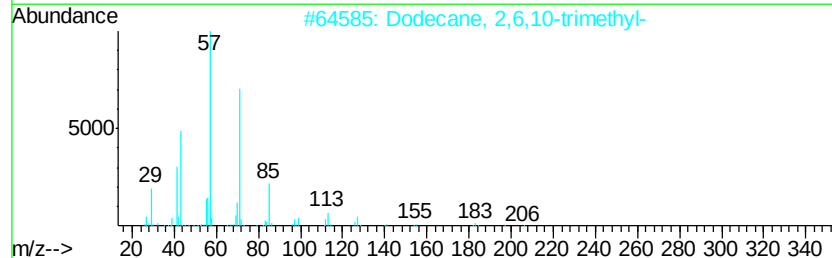
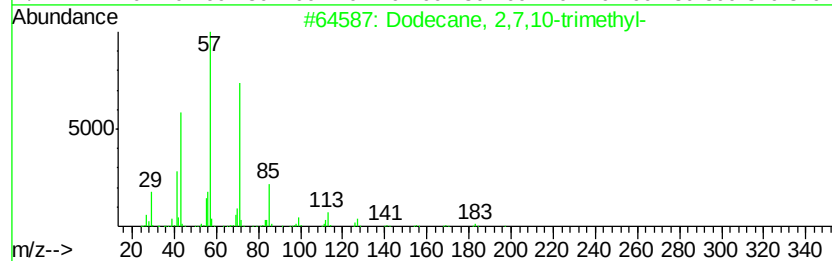
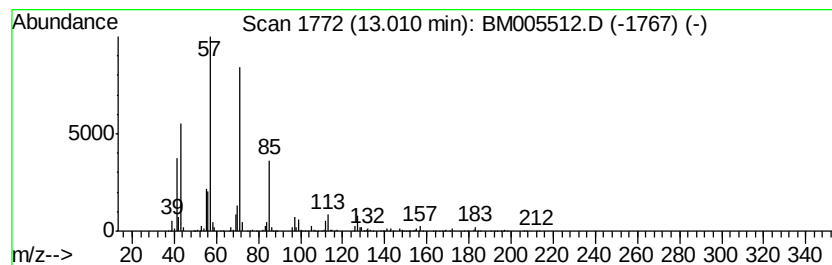
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	26.23 ng/ul	4974300	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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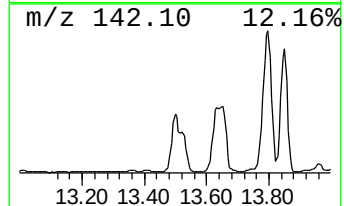
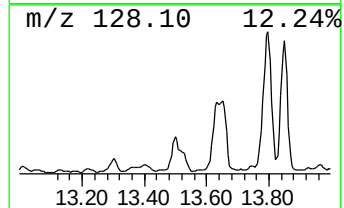
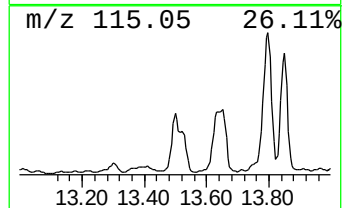
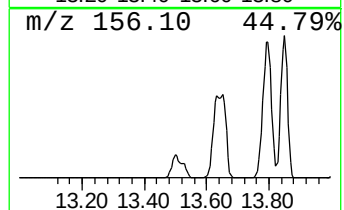
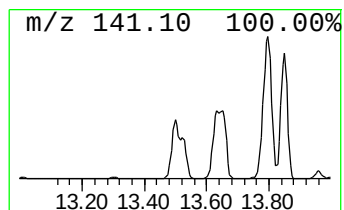
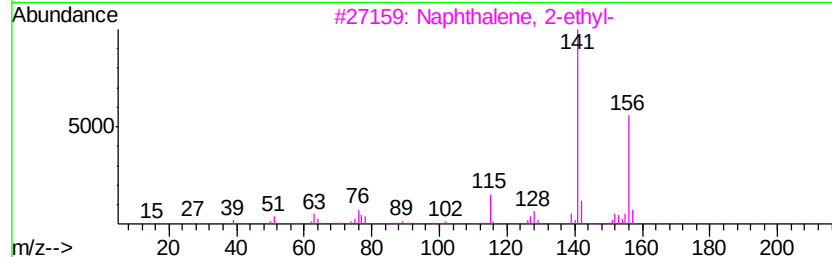
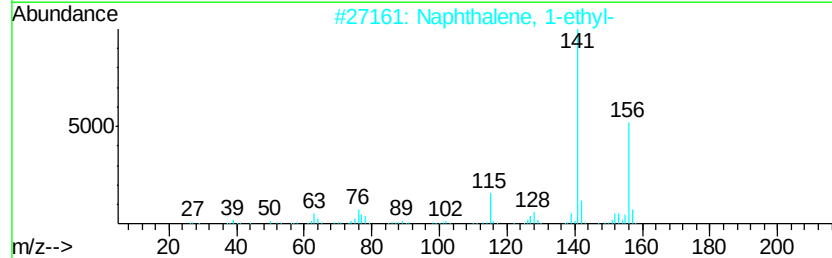
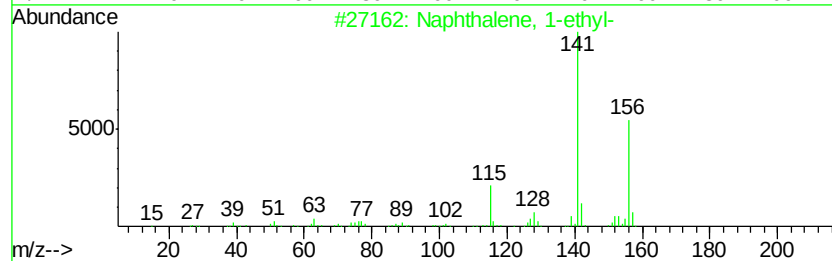
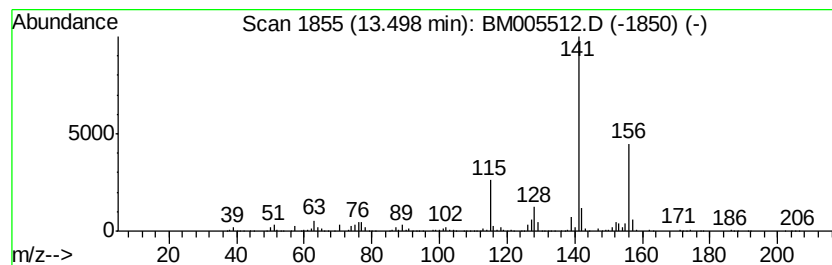
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	18.54 ng/ul	3516420	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 92
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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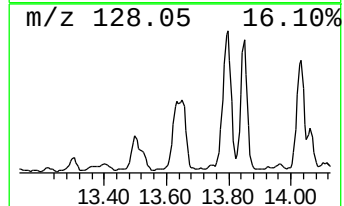
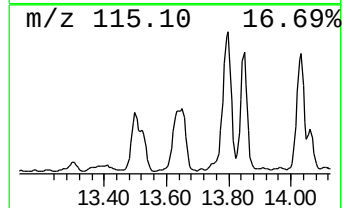
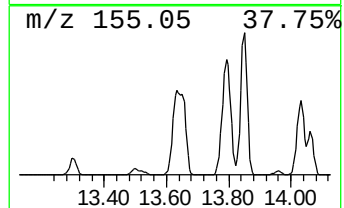
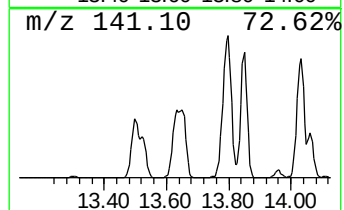
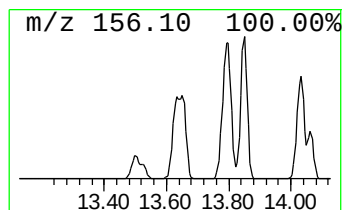
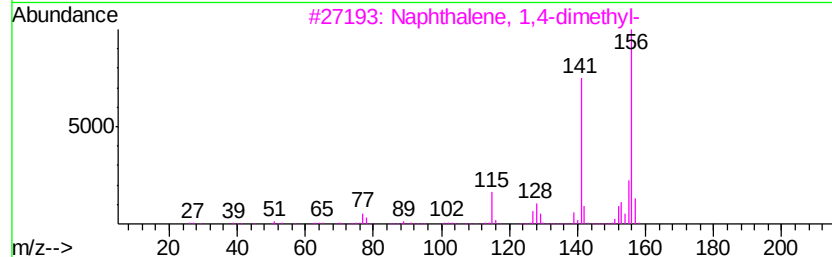
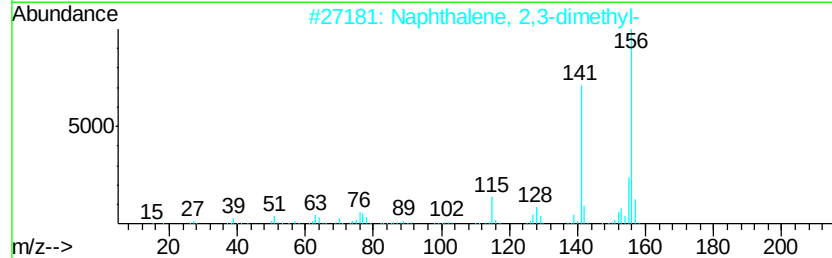
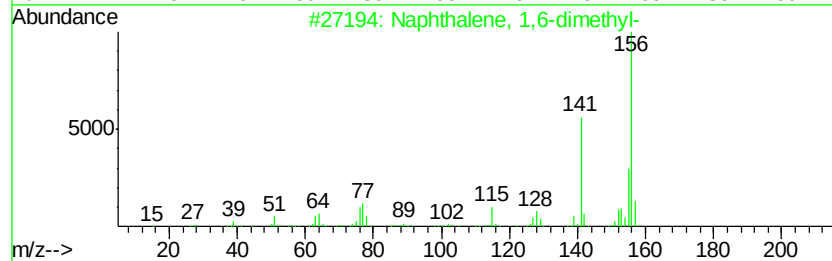
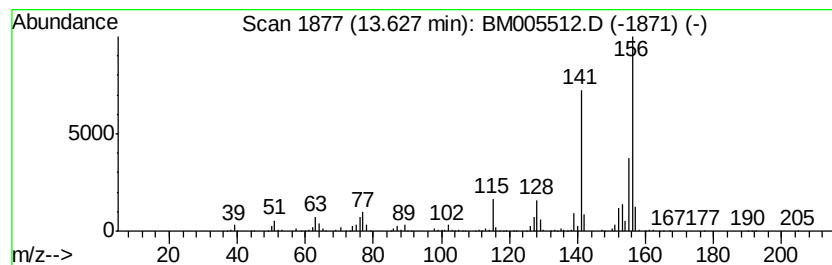
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	34.97 ng/ul	6633060	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

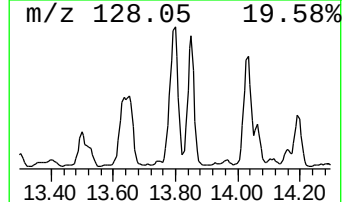
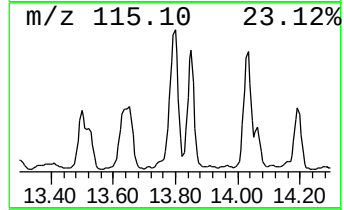
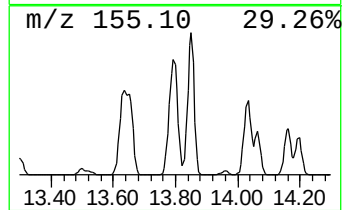
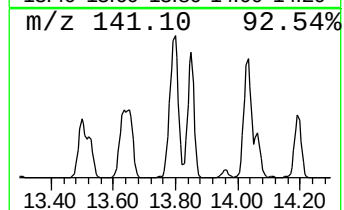
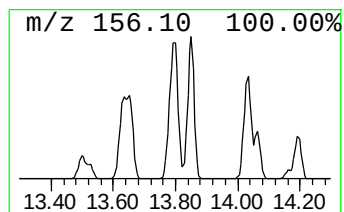
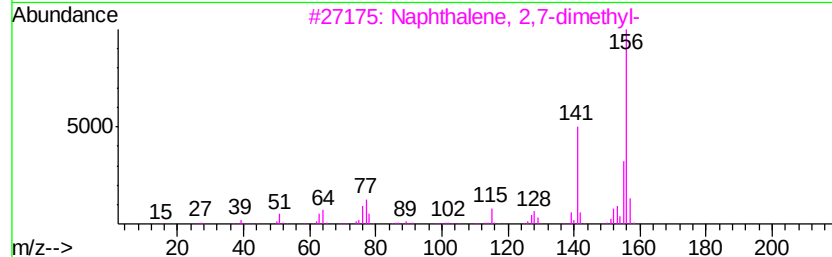
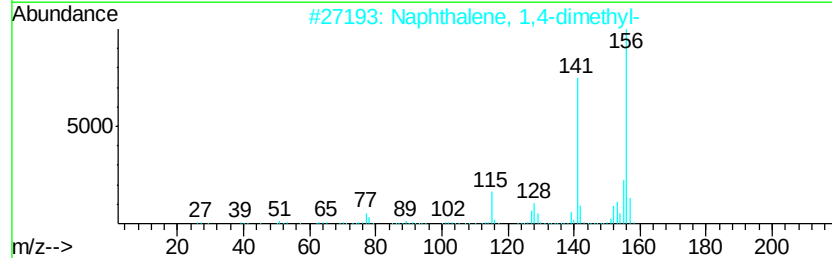
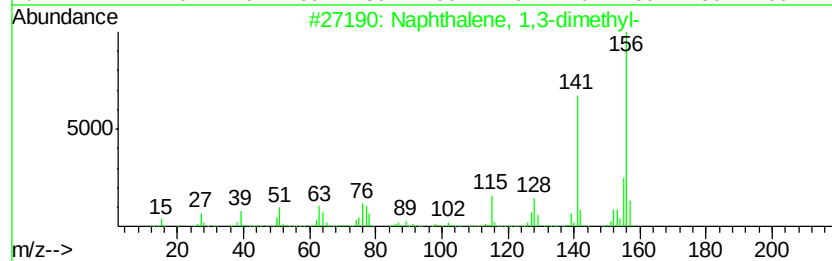
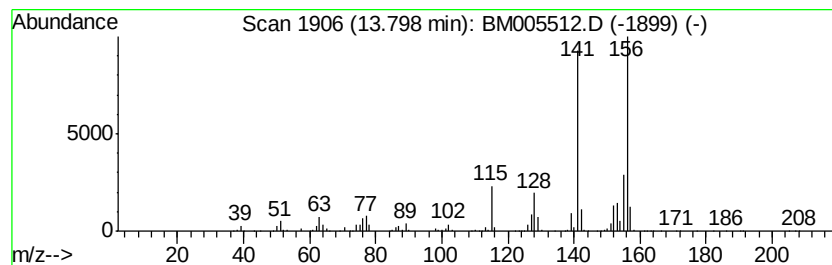
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	75.04 ng/ul	14232500	Acenaphthene-d10	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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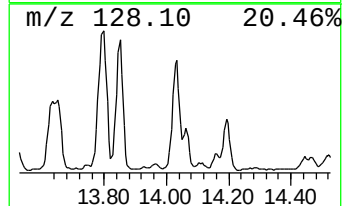
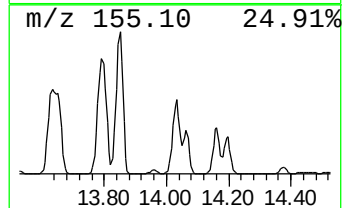
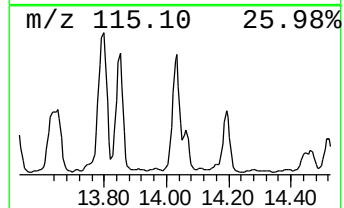
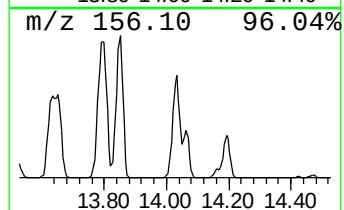
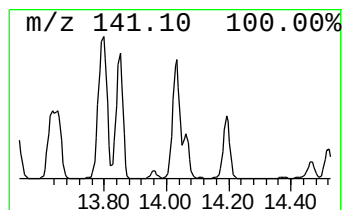
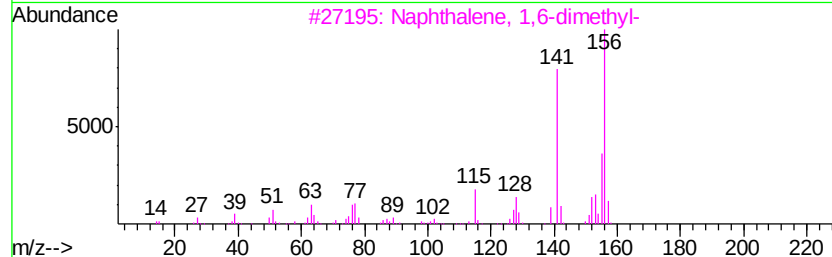
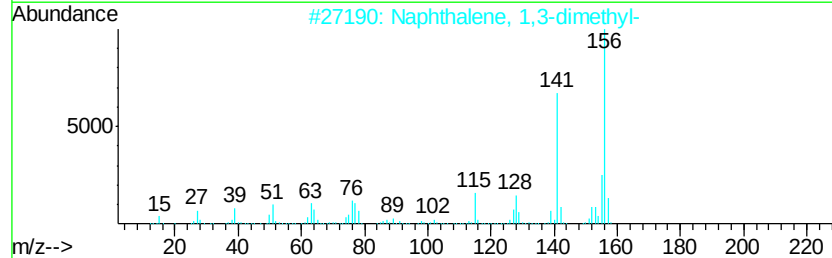
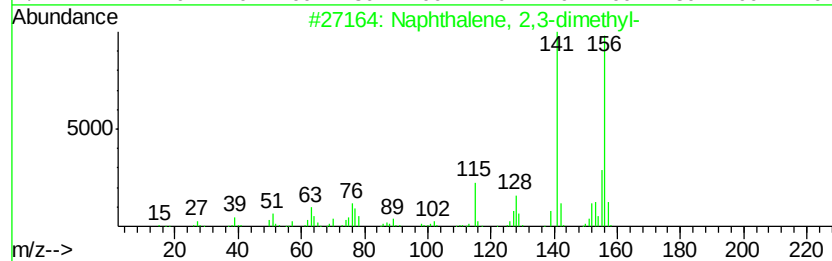
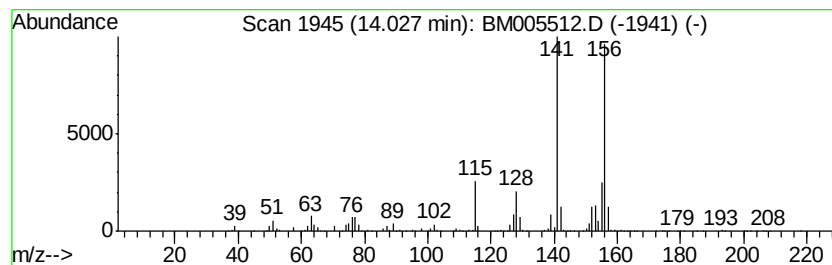
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	54.12 ng/ul	10266000	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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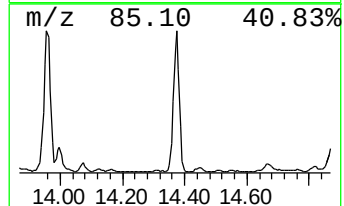
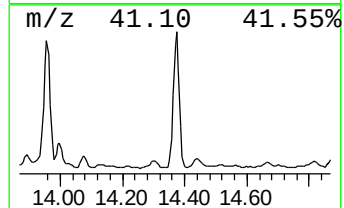
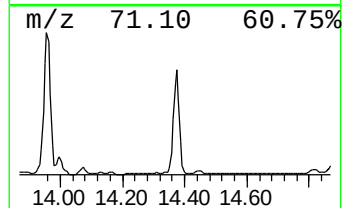
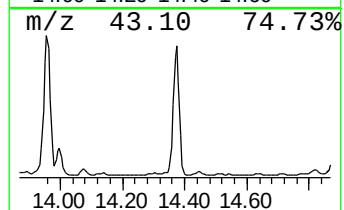
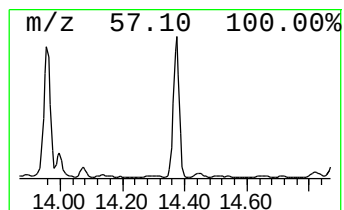
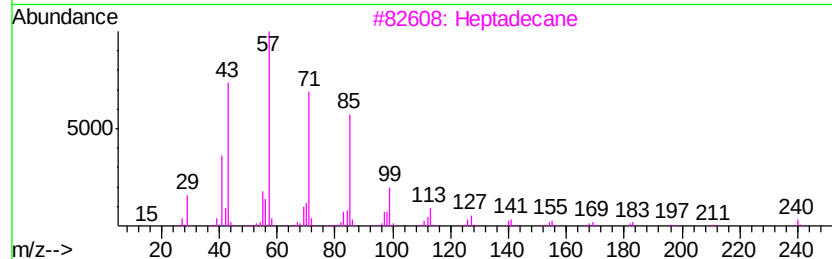
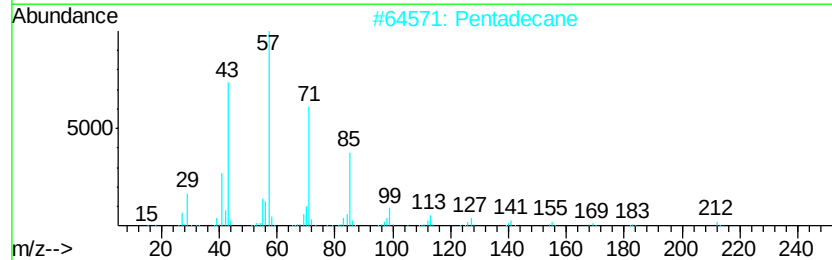
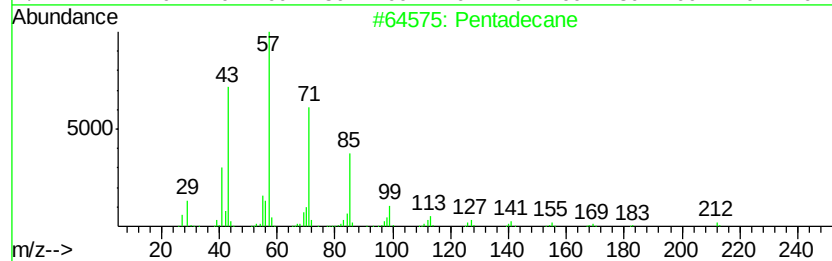
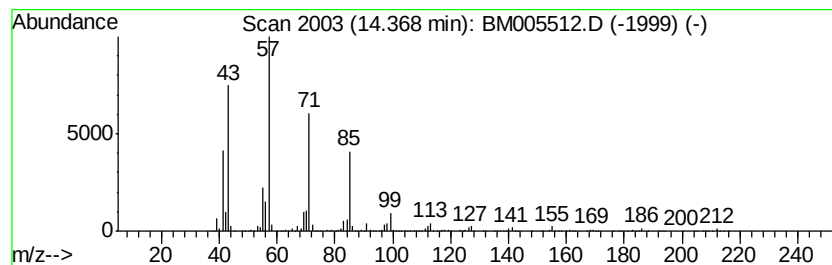
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	38.69 ng/ul	7338940	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	92
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
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ClientSampleId :
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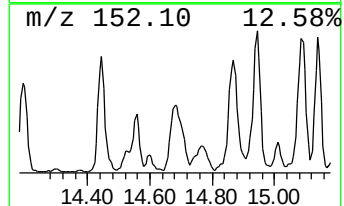
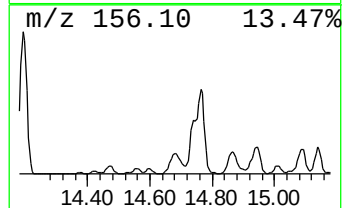
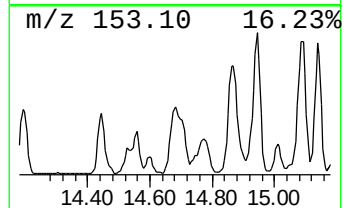
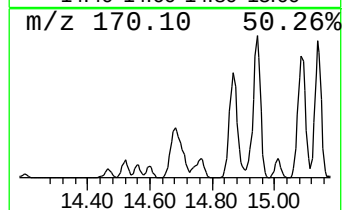
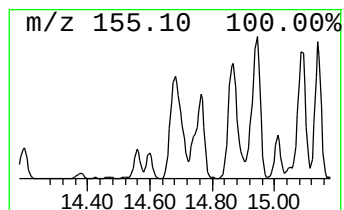
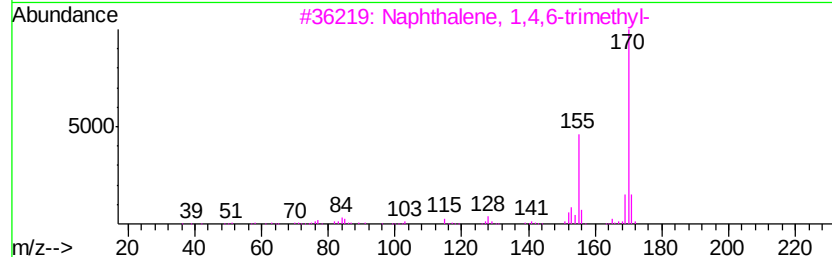
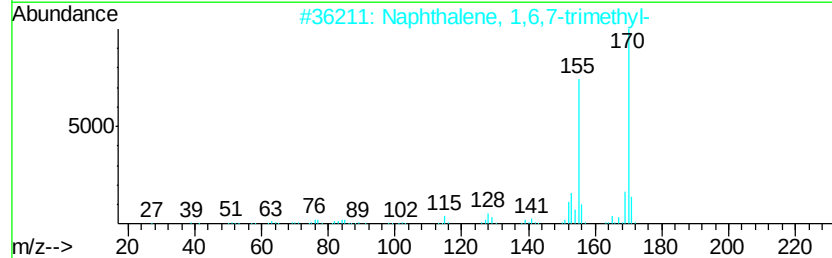
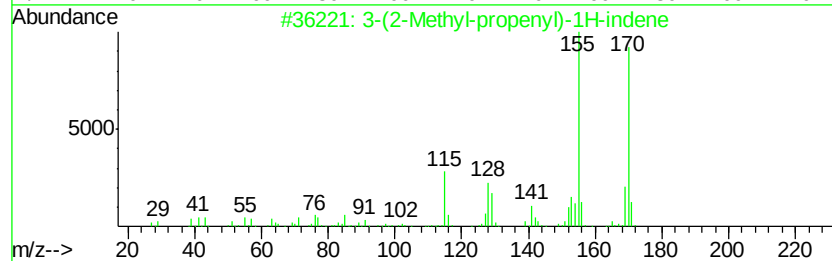
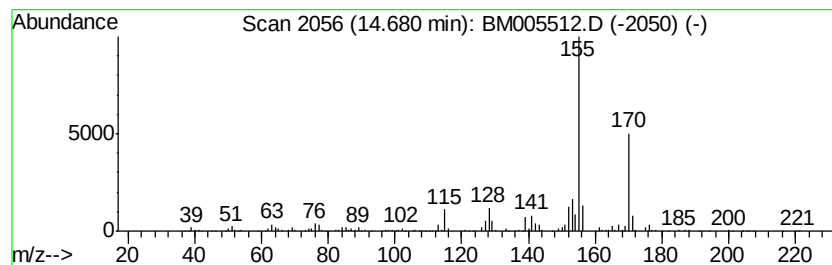
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	28.38 ng/ul	5383450	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
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Instrument :
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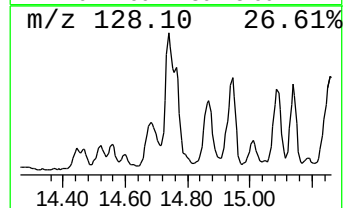
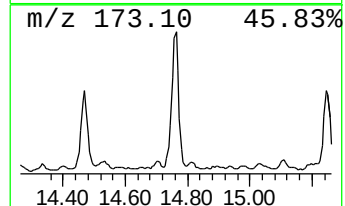
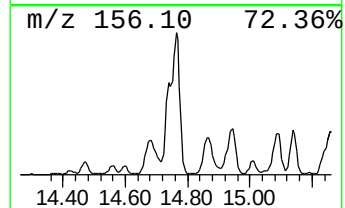
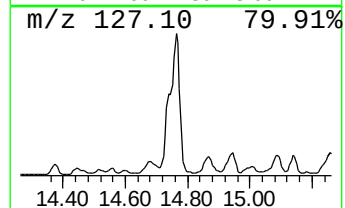
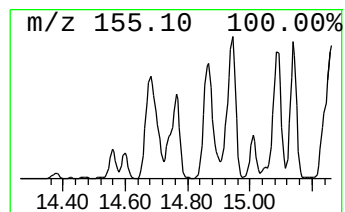
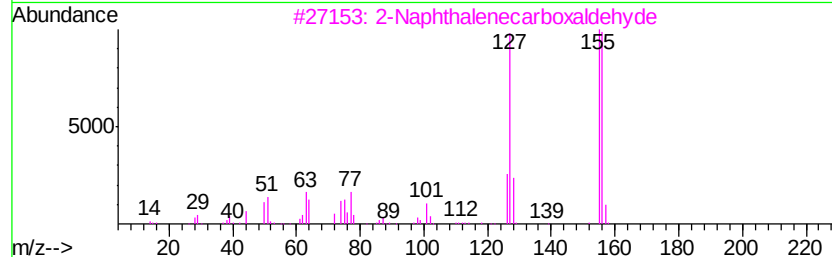
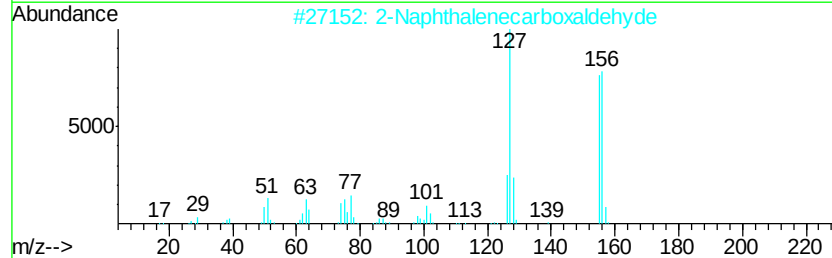
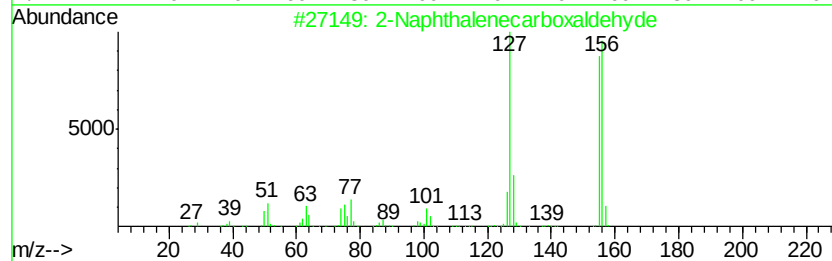
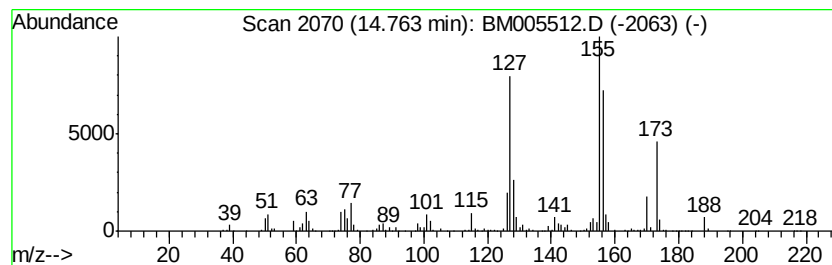
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 2-Naphthalenecarboxaldehyde Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	24.73 ng/ul	4690620	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	96
2		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	96
3		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	89
4		1-Naphthalenecarboxaldehyde	156	C11H8O	000066-77-3	78
5		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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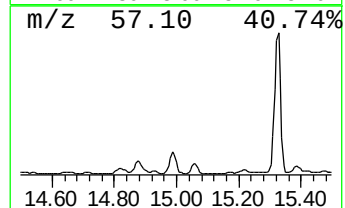
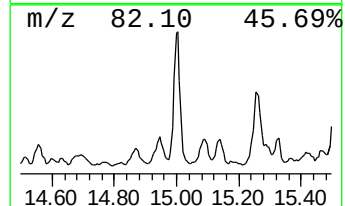
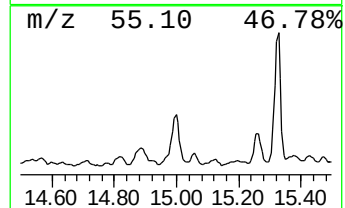
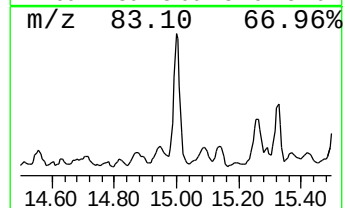
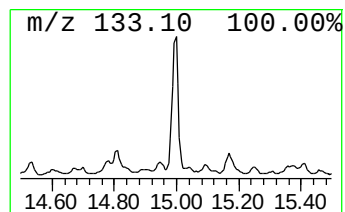
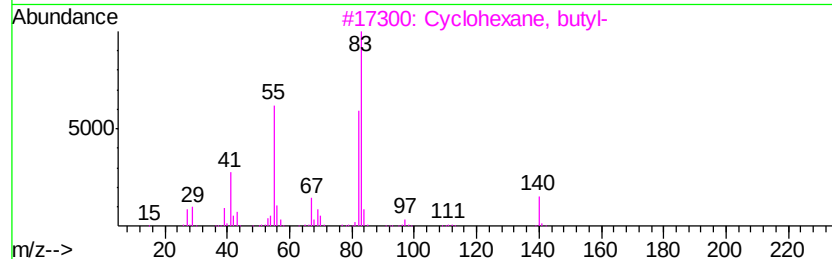
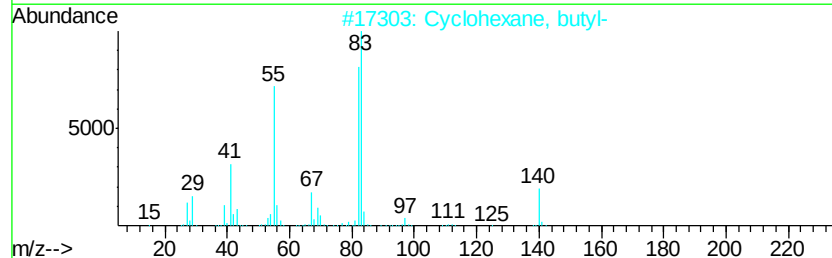
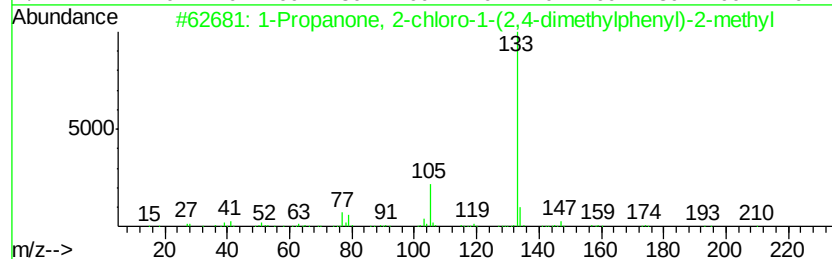
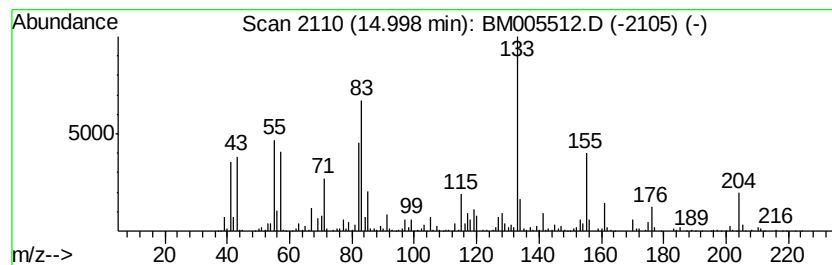
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	18.91 ng/ul	3587290	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Propanone, 2-chloro-1-(2,4-dim...	210 C12H15ClO	054965-53-6	18
2	Cyclohexane, butyl-	140 C10H20	001678-93-9	18
3	Cyclohexane, butyl-	140 C10H20	001678-93-9	18
4	Benzenepropanol, 2,4,6-trimethyl-	178 C12H18O	027645-07-4	14
5	1H-Imidazole, 1-[(2,4,6-trimethy...	200 C13H16N2	084567-17-9	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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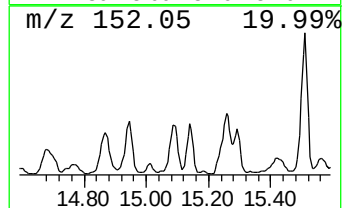
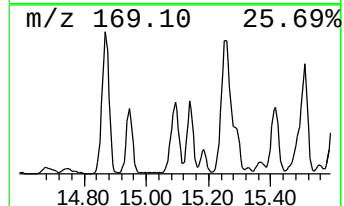
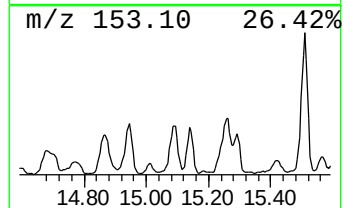
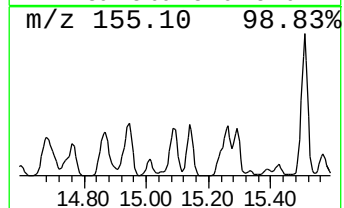
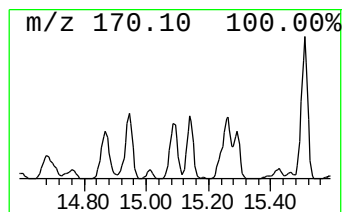
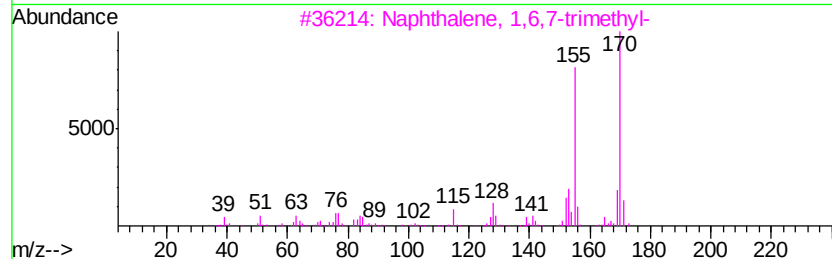
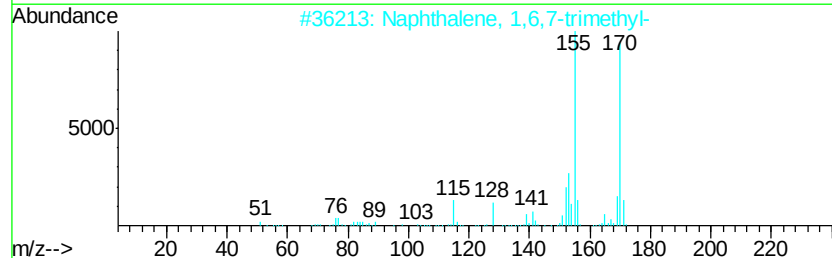
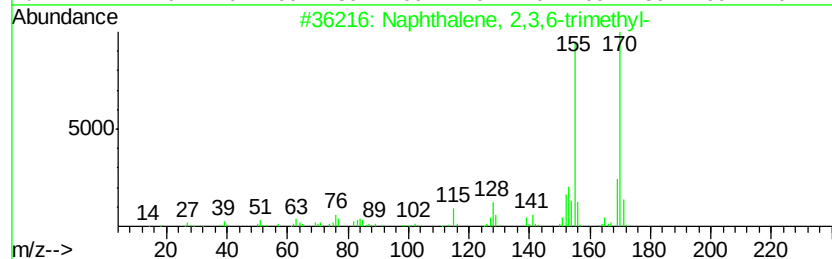
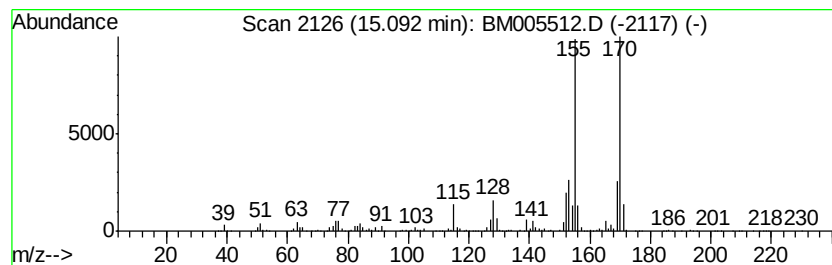
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	31.91 ng/ul	6052590	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

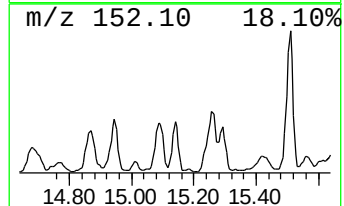
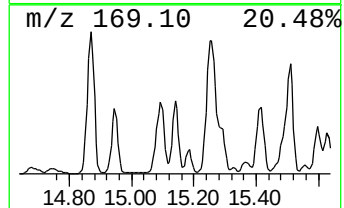
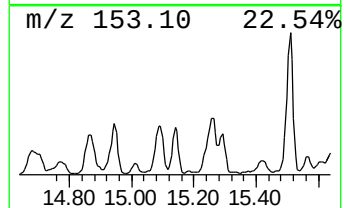
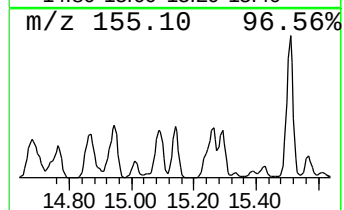
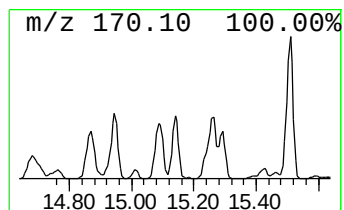
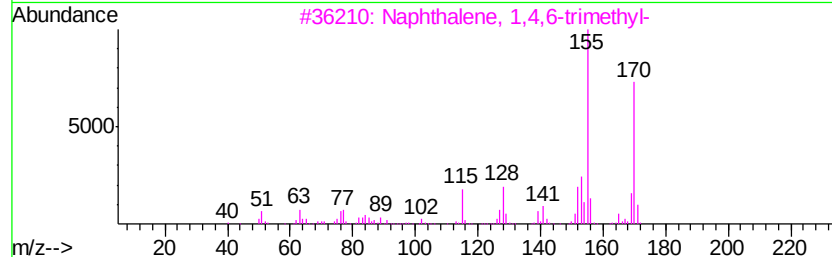
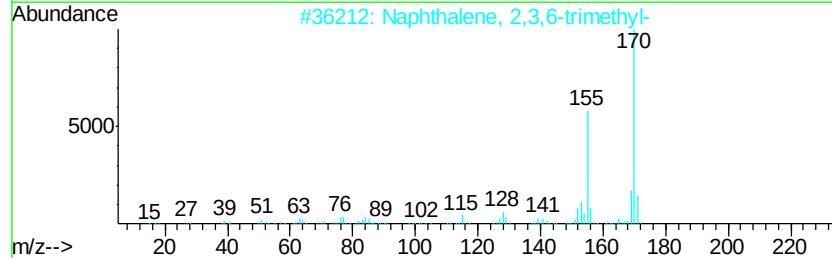
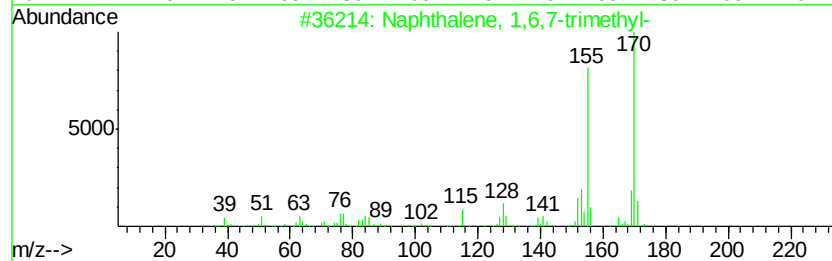
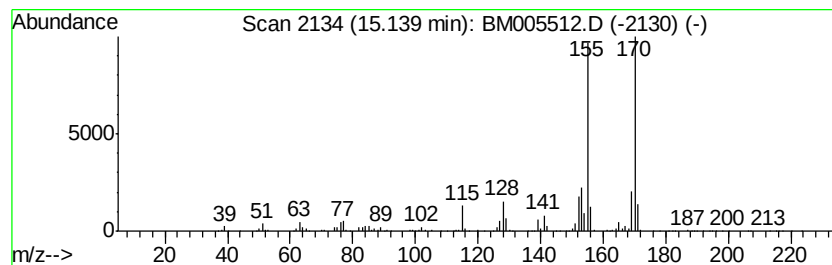
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Naphthalene, 1,6,7-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	23.26 ng/ul	4411820	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
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Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

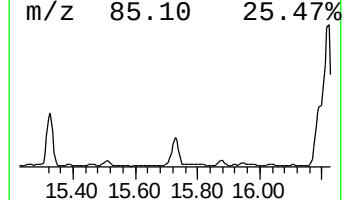
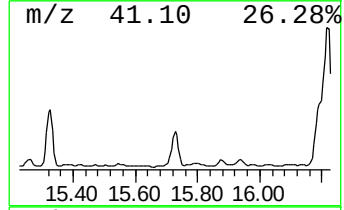
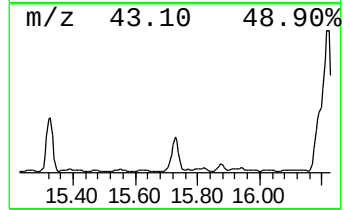
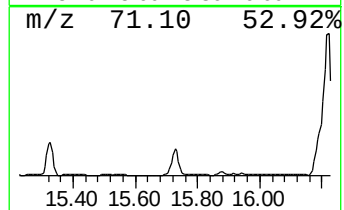
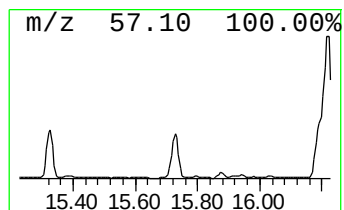
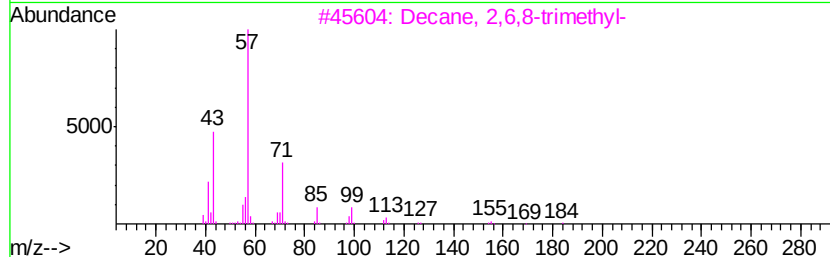
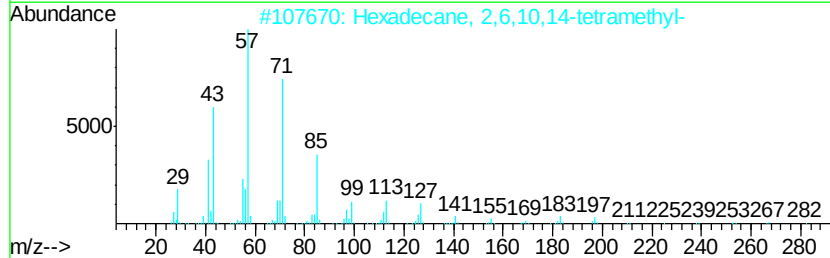
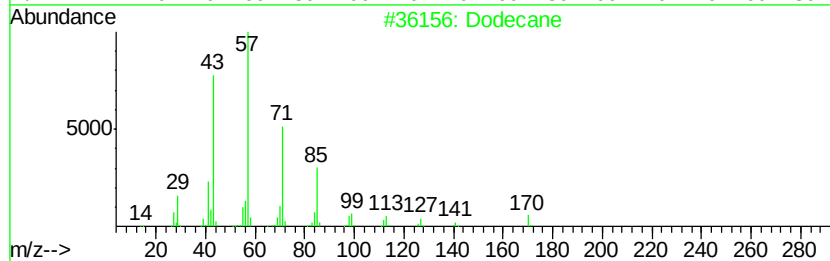
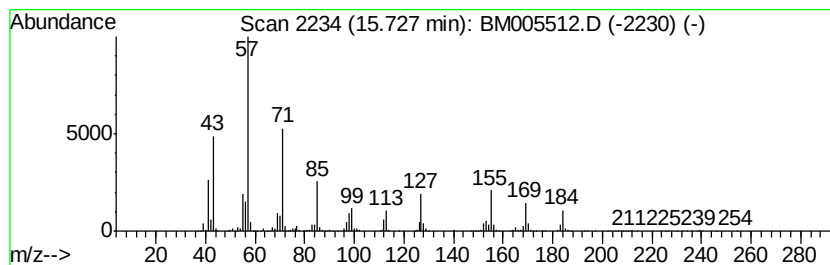
Instrument :
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ClientSampleId :
D9WT5

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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 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	43.31 ng/ul	8214100	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane		170 C12H26	000112-40-3 49
2	Hexadecane, 2,6,10,14-tetramethyl-		282 C20H42	000638-36-8 43
3	Decane, 2,6,8-trimethyl-		184 C13H28	062108-26-3 41
4	4-Undecanone		170 C11H22O	014476-37-0 38
5	Tridecane		184 C13H28	000629-50-5 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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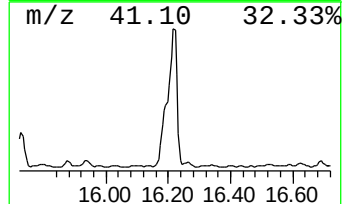
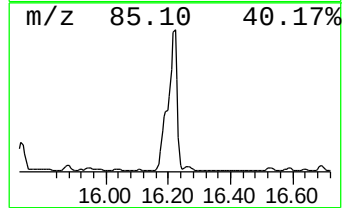
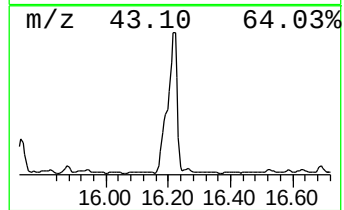
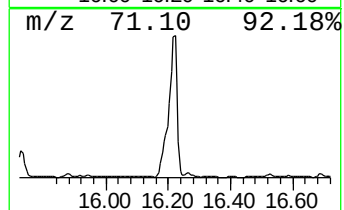
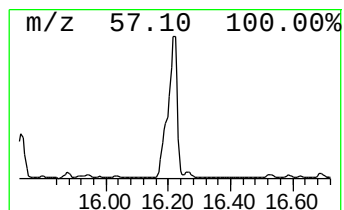
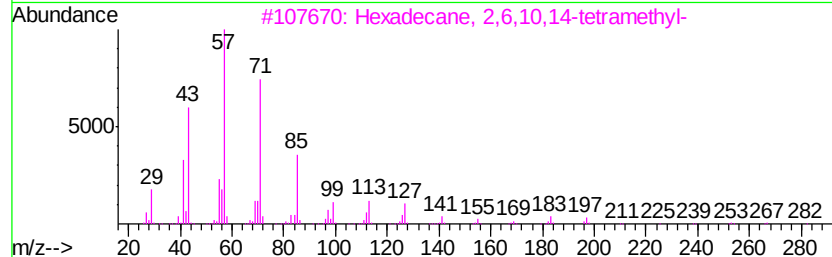
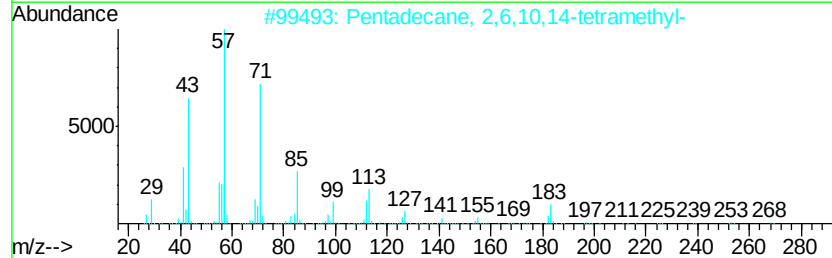
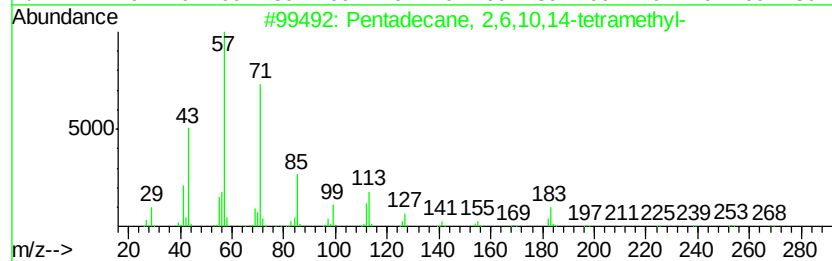
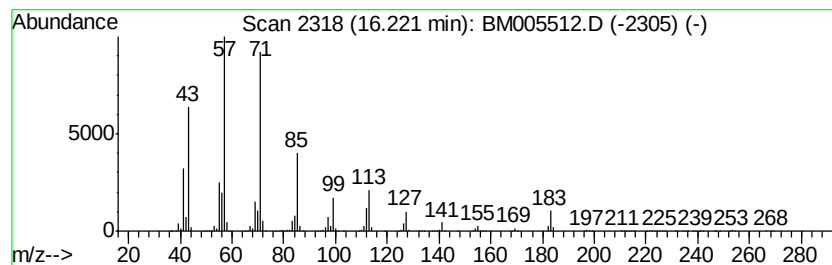
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	138.42 ng/ul	41195100	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80
5		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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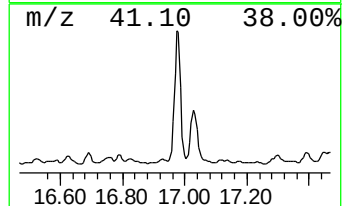
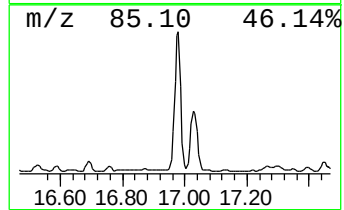
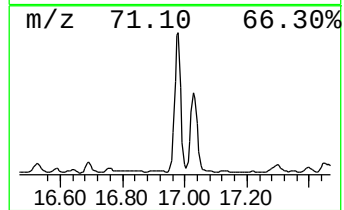
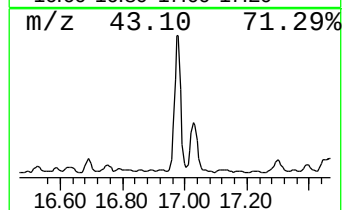
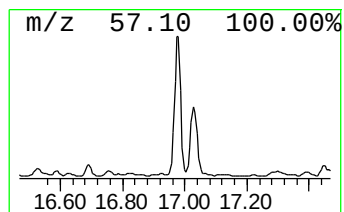
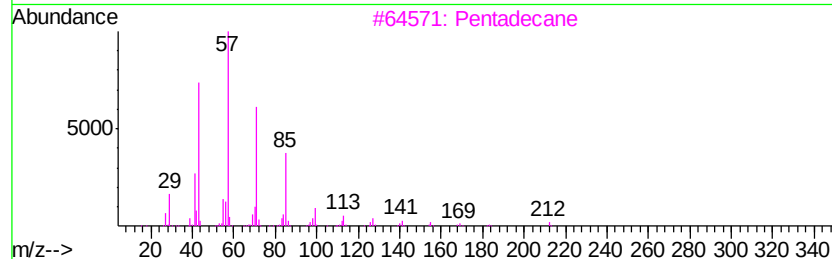
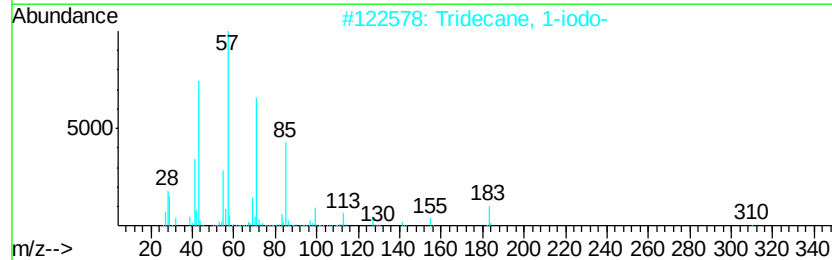
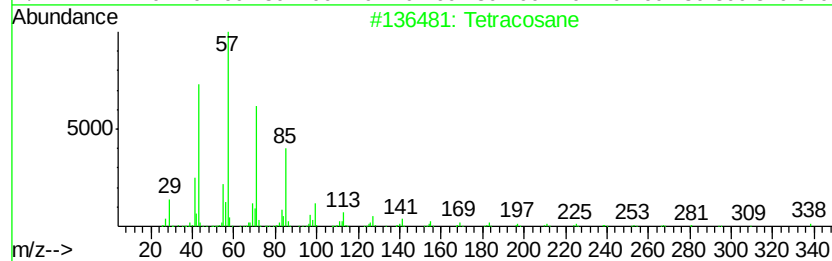
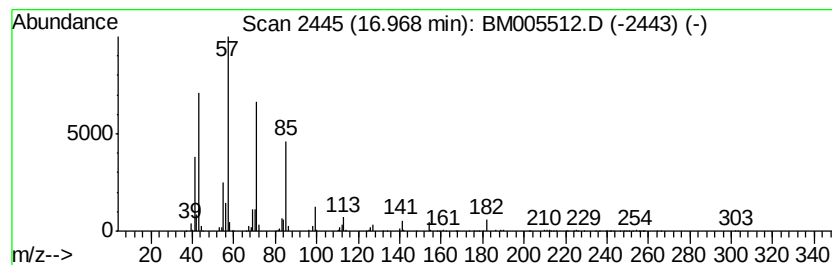
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	31.49 ng/ul	9371170	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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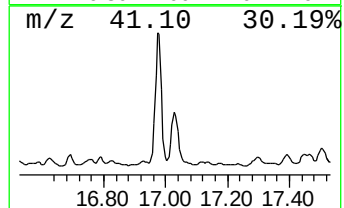
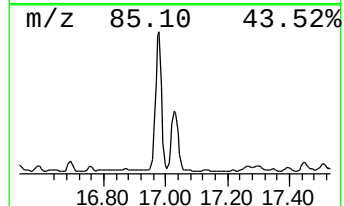
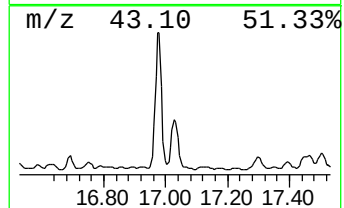
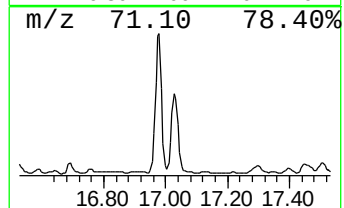
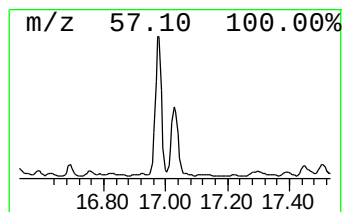
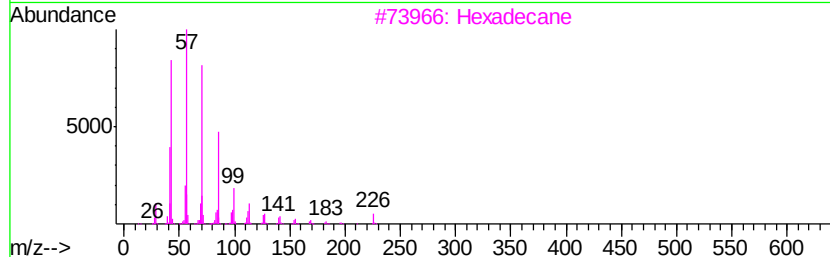
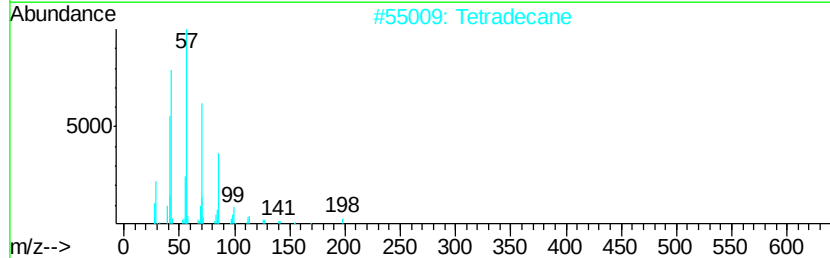
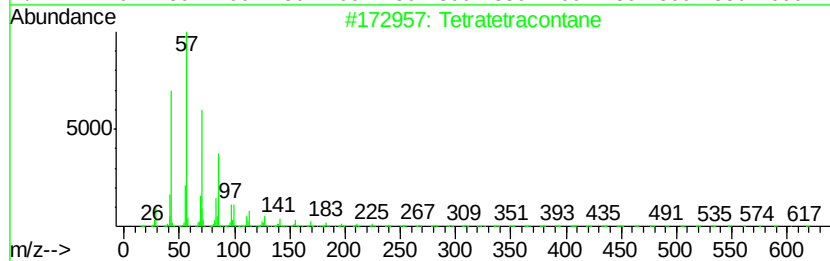
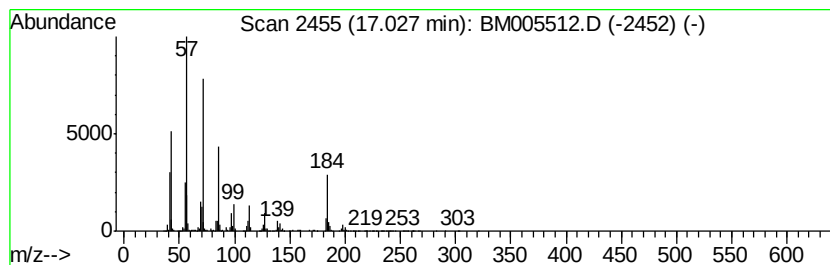
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	14.62 ng/ul	4349850	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	72
2		Tetradecane	198	C14H30	000629-59-4	70
3		Hexadecane	226	C16H34	000544-76-3	68
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
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Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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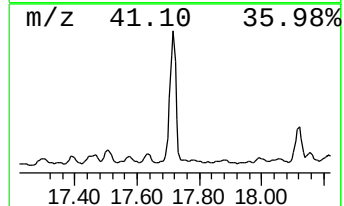
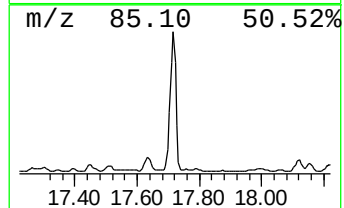
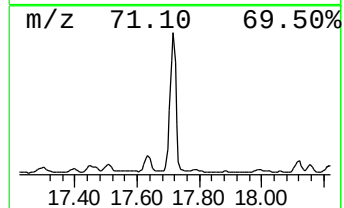
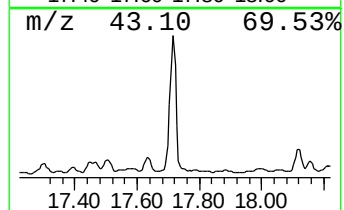
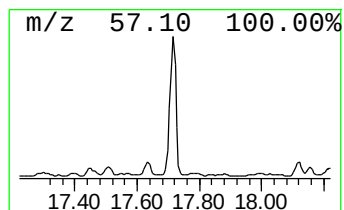
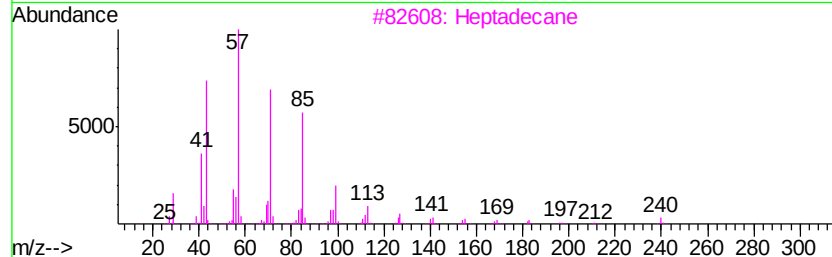
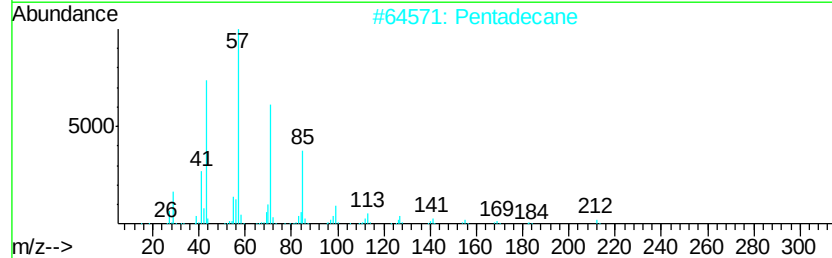
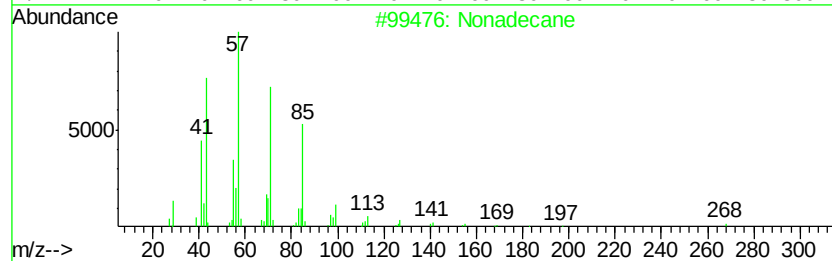
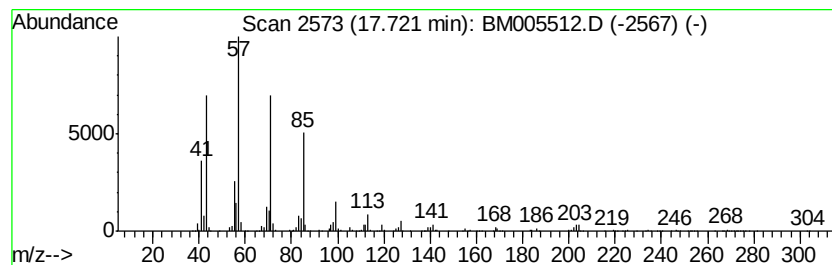
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	40.47 ng/ul	12045800	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

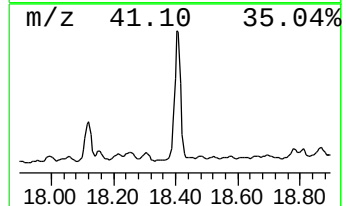
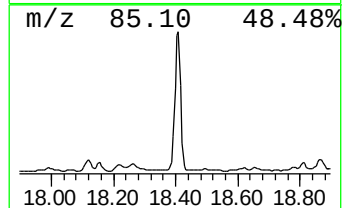
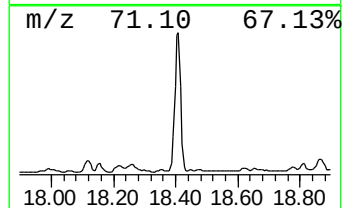
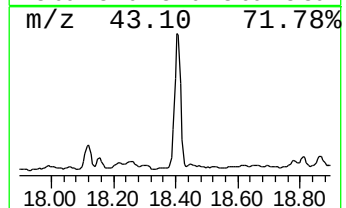
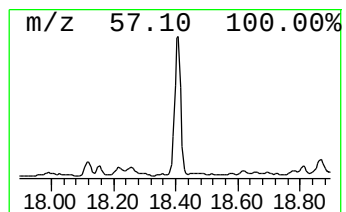
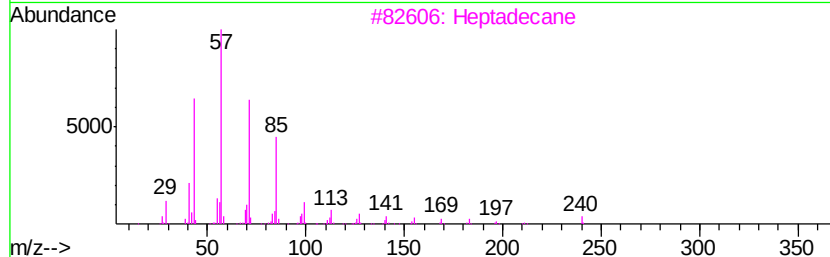
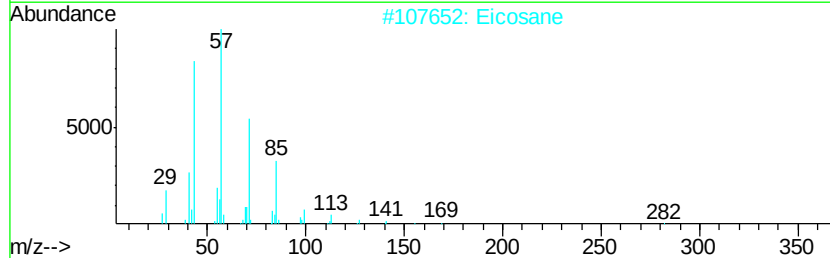
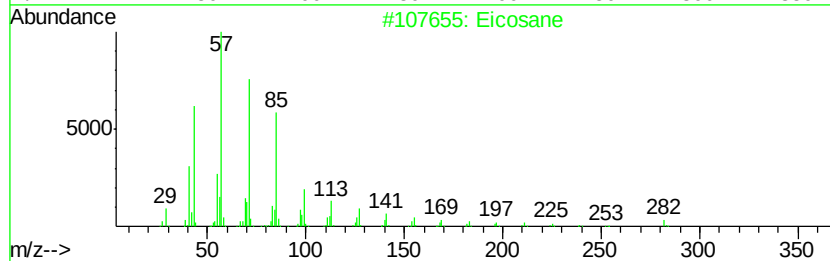
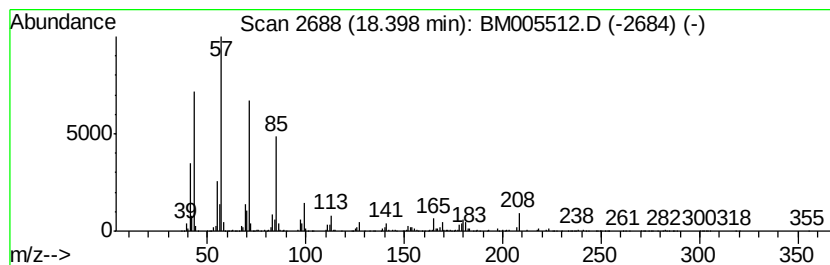
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	37.65 ng/ul	11204800	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	92
3		Heptadecane	240	C17H36	000629-78-7	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

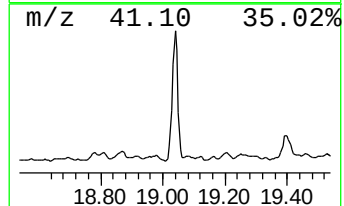
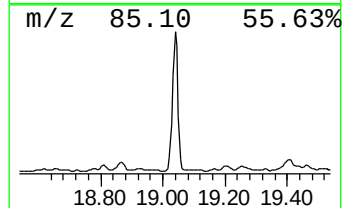
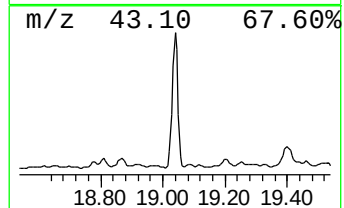
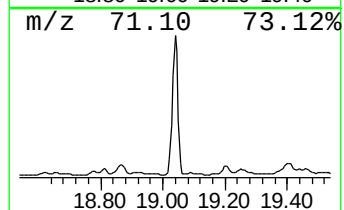
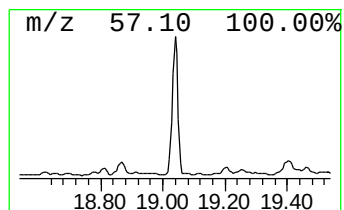
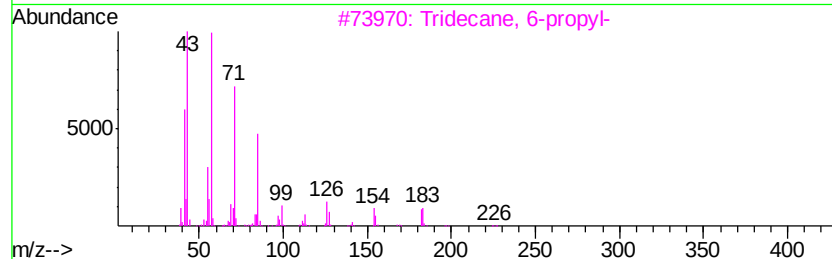
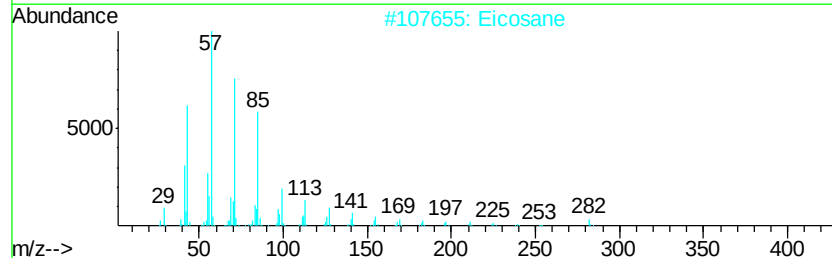
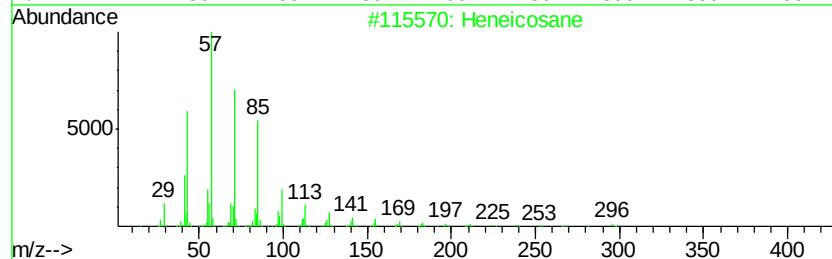
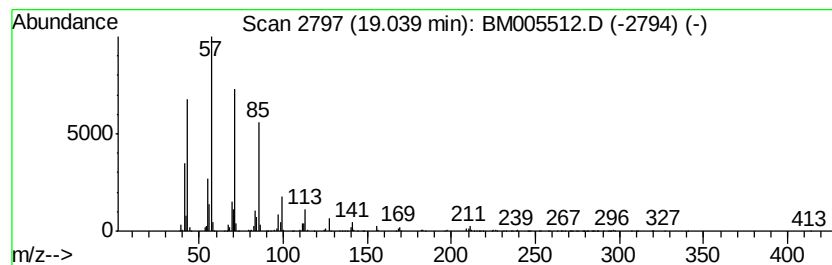
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	44.15 ng/ul	13139700	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

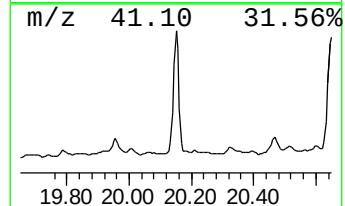
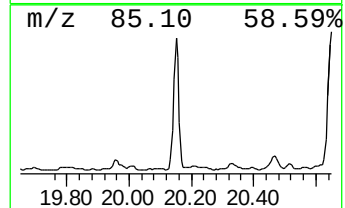
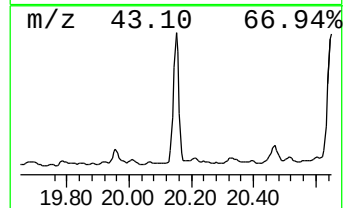
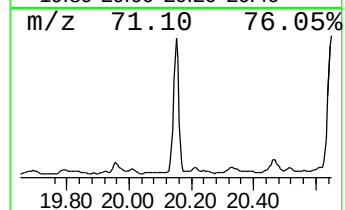
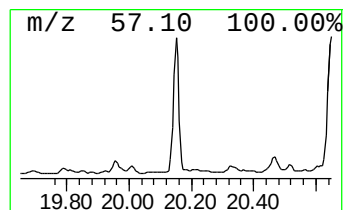
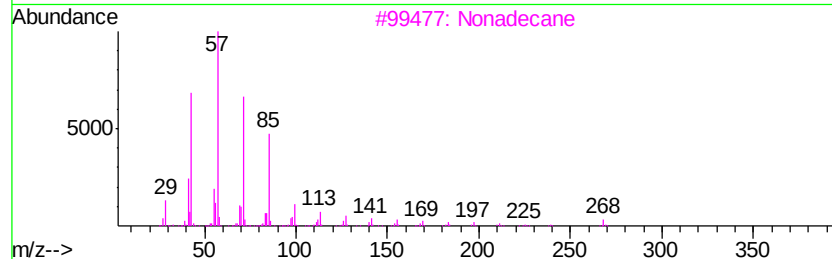
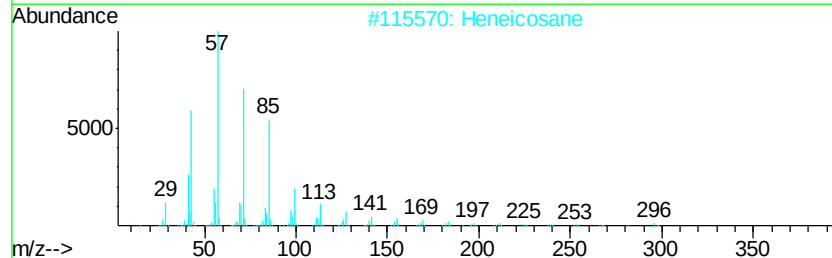
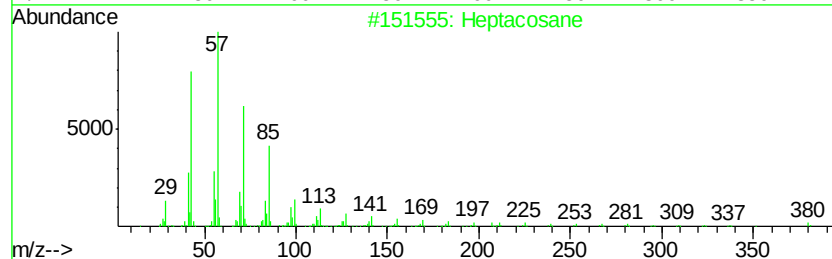
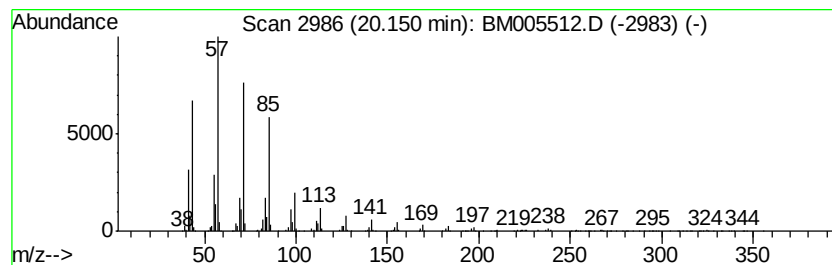
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	17.57 ng/ul	12110600	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

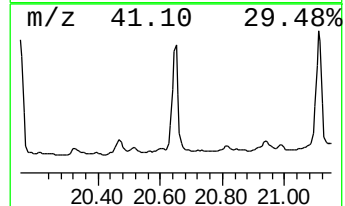
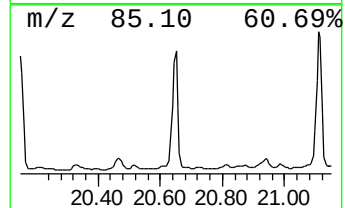
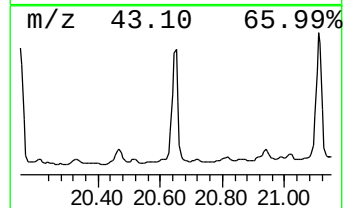
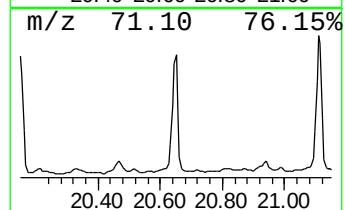
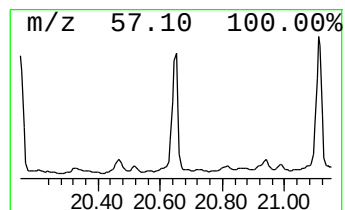
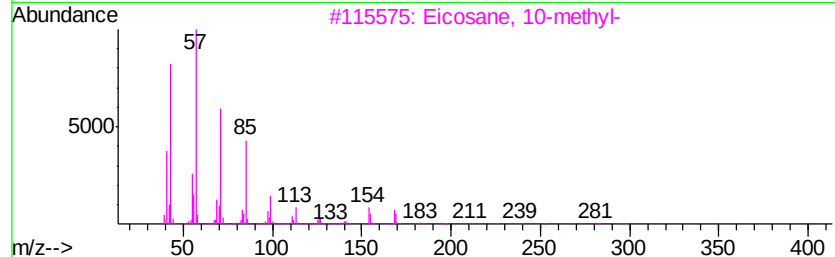
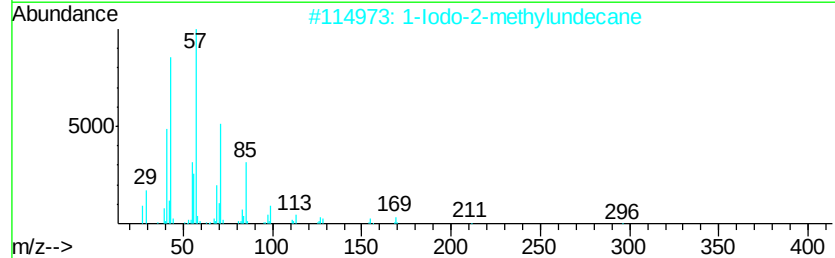
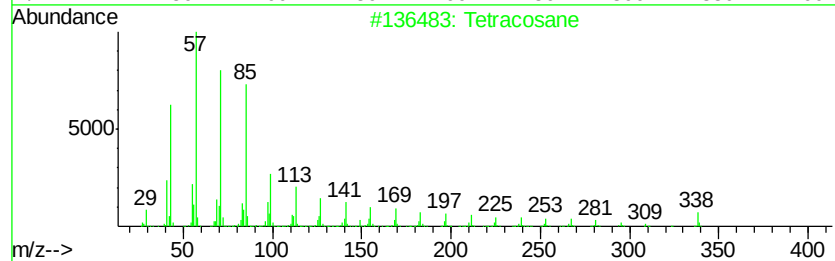
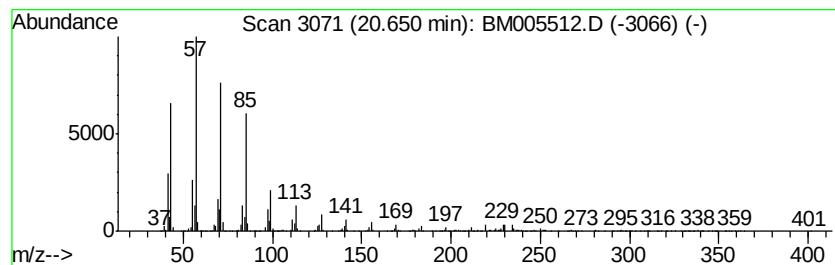
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	20.37 ng/ul	14036900	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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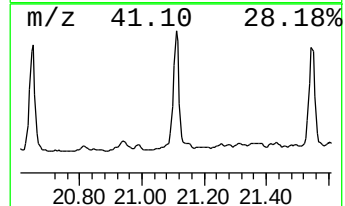
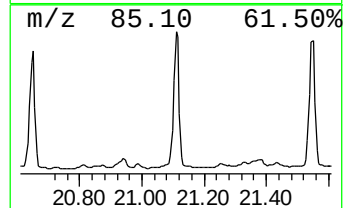
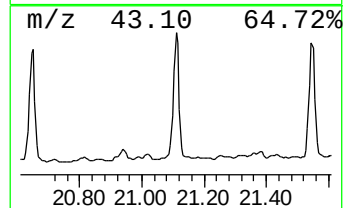
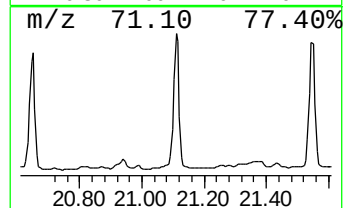
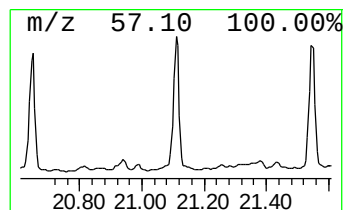
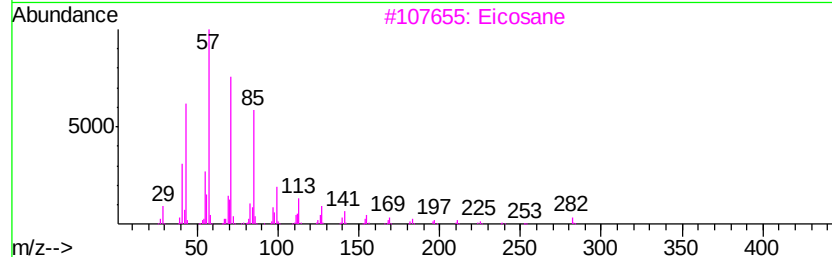
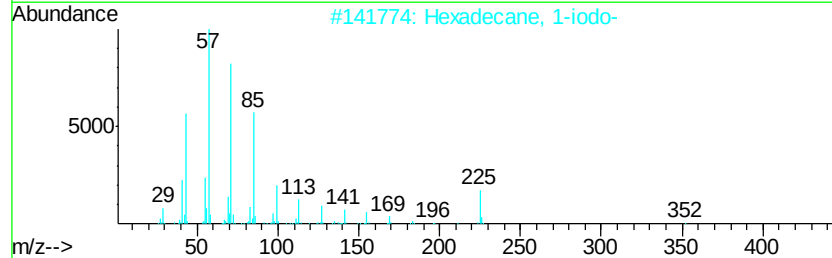
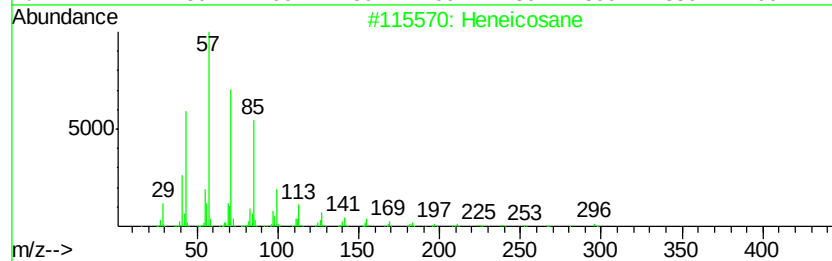
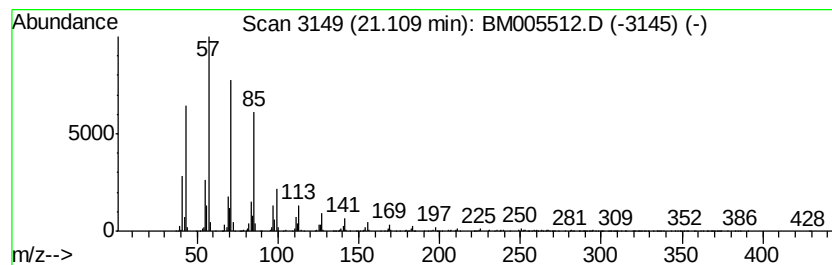
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	20.85 ng/ul	14372500	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
3		Eicosane	282	C20H42	000112-95-8	96
4		Tetracosane	338	C24H50	000646-31-1	94
5		Tetracosane	338	C24H50	000646-31-1	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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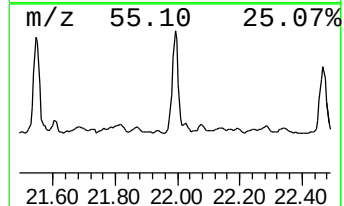
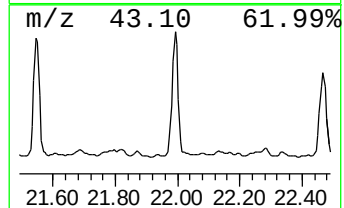
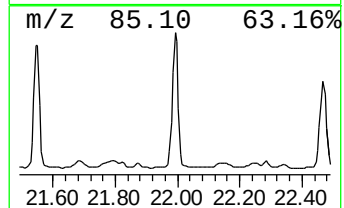
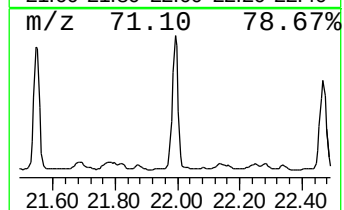
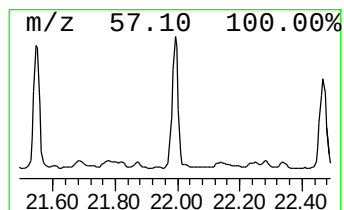
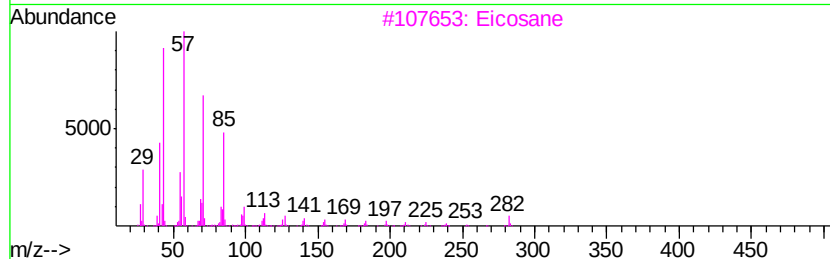
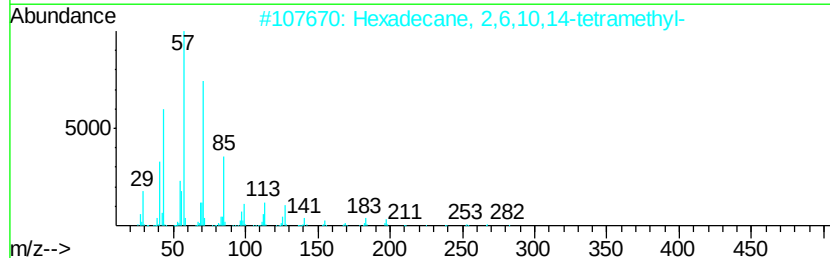
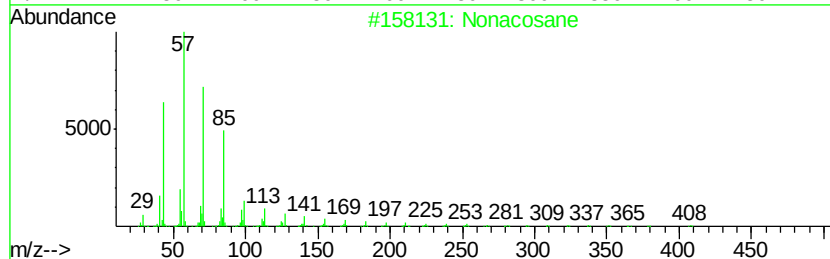
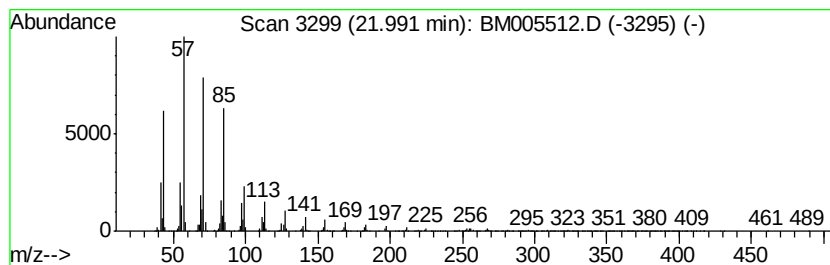
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Quant Title : SVOA CALIBRATION

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	25.76 ng/ul	17753400	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	96
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005512.D
Acq On : 19 May 2016 23:43
Operator : UM/SJ
Sample : H2890-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT5

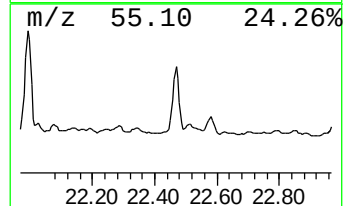
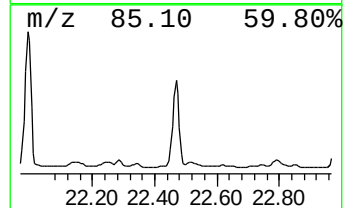
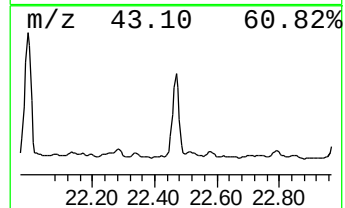
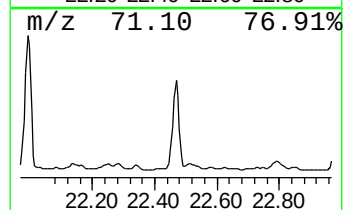
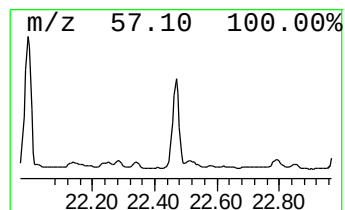
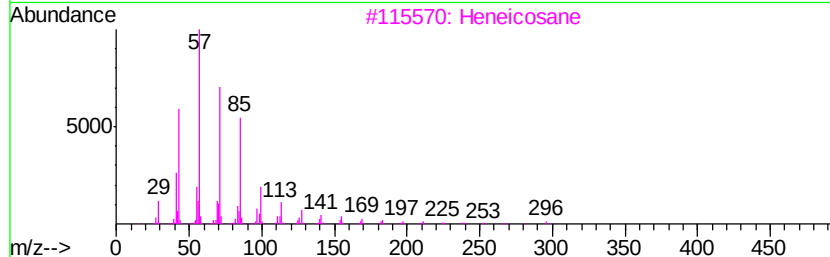
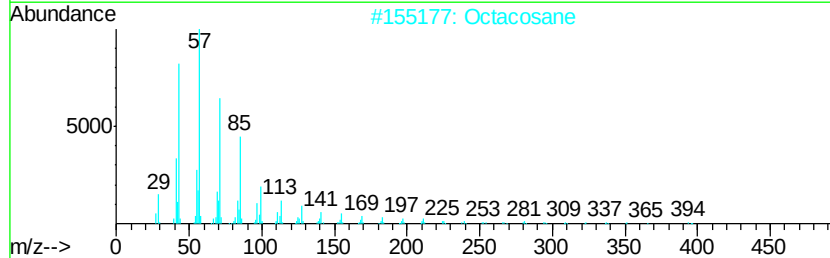
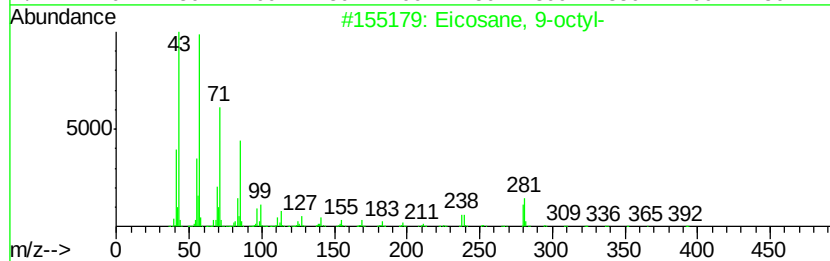
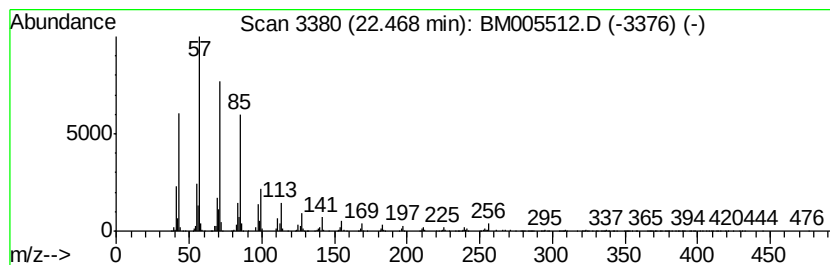
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Quant Title : SVOA CALIBRATION

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

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	14.63 ng/ul	10084900	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005512.D
 Acq On : 19 May 2016 23:43
 Operator : UM/SJ
 Sample : H2890-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.33	6.33	11.2	ng/ul	1676140	1	7.83	2984650	20.0
Hexane, 3-ethyl-2...	6.51	11.2	ng/ul	1669630	1	7.83	2984650	20.0
Benzene, 1-ethyl-...	7.23	14.5	ng/ul	2158370	1	7.83	2984650	20.0
Benzene, 1,3,5-tr...	7.49	44.5	ng/ul	6636270	1	7.83	2984650	20.0
Benzene, 1,2-diet...	8.48	15.1	ng/ul	2250270	1	7.83	2984650	20.0
(DEL) Alkane: Str...	9.06	31.6	ng/ul	4714380	1	7.83	2984650	20.0
Ethanone, 1-(4-me...	10.33	4.5	ng/ul	1561930	2	10.63	6913120	20.0
(DEL) Alkane: Str...	10.79	7.5	ng/ul	2579360	2	10.63	6913120	20.0
Hydrazine, 1-ethy...	11.46	6.1	ng/ul	2107550	2	10.63	6913120	20.0
(DEL) Alkane: Str...	11.54	6.1	ng/ul	2115750	2	10.63	6913120	20.0
(DEL) Alkane: Str...	11.66	17.0	ng/ul	5882740	2	10.63	6913120	20.0
(DEL) Alkane: Str...	12.05	17.0	ng/ul	5874900	2	10.63	6913120	20.0
Naphthalene, 1-me...	12.52	52.1	ng/ul	18009000	2	10.63	6913120	20.0
(DEL) Alkane: Str...	12.87	8.0	ng/ul	1516710	3	14.47	3793520	20.0
(DEL) Alkane: Str...	13.01	26.2	ng/ul	4974300	3	14.47	3793520	20.0
Naphthalene, 1-et...	13.50	18.5	ng/ul	3516420	3	14.47	3793520	20.0
Naphthalene, 1,6-...	13.63	35.0	ng/ul	6633060	3	14.47	3793520	20.0
Naphthalene, 1,3-...	13.80	75.0	ng/ul	14232500	3	14.47	3793520	20.0
Naphthalene, 2,3-...	14.03	54.1	ng/ul	10266000	3	14.47	3793520	20.0
(DEL) Alkane: Str...	14.37	38.7	ng/ul	7338940	3	14.47	3793520	20.0
3-(2-Methyl-prope...	14.68	28.4	ng/ul	5383450	3	14.47	3793520	20.0
2-Naphthalenecarb...	14.76	24.7	ng/ul	4690620	3	14.47	3793520	20.0
unknown-01	15.00	18.9	ng/ul	3587290	3	14.47	3793520	20.0
Naphthalene, 2,3,...	15.09	31.9	ng/ul	6052590	3	14.47	3793520	20.0
Naphthalene, 1,6,...	15.14	23.3	ng/ul	4411820	3	14.47	3793520	20.0
(DEL) Alkane: Str...	15.73	43.3	ng/ul	8214100	3	14.47	3793520	20.0
(DEL) Alkane: Str...	16.22	138.4	ng/ul	41195100	4	17.22	5952290	20.0
(DEL) Alkane: Str...	16.97	31.5	ng/ul	9371170	4	17.22	5952290	20.0
(DEL) Alkane: Str...	17.03	14.6	ng/ul	4349850	4	17.22	5952290	20.0
(DEL) Alkane: Str...	17.72	40.5	ng/ul	12045800	4	17.22	5952290	20.0
(DEL) Alkane: Str...	18.40	37.6	ng/ul	11204800	4	17.22	5952290	20.0
(DEL) Alkane: Str...	19.04	44.1	ng/ul	13139700	4	17.22	5952290	20.0
(DEL) Alkane: Str...	20.15	17.6	ng/ul	12110600	5	21.40	13785000	20.0
(DEL) Alkane: Str...	20.65	20.4	ng/ul	14036900	5	21.40	13785000	20.0
(DEL) Alkane: Str...	21.11	20.9	ng/ul	14372500	5	21.40	13785000	20.0
(DEL) Alkane: Str...	21.99	25.8	ng/ul	17753400	5	21.40	13785000	20.0
(DEL) Alkane: Str...	22.47	14.6	ng/ul	10084900	5	21.40	13785000	20.0