

Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
 Data File : BG023779.D
 Acq On : 19 Aug 2016 4:35
 Operator : UM/SJ
 Sample : H4492-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS4

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.461	103	106	113	rBV4	25331	43293	1.15%	0.104%
2	4.125	214	219	223	rVB6	5652	9716	0.26%	0.023%
3	4.225	232	236	241	rVB5	8531	14017	0.37%	0.034%
4	4.595	296	299	304	rBV5	8329	13203	0.35%	0.032%
5	6.722	658	661	665	rVB4	6406	9617	0.26%	0.023%
6	7.250	743	751	764	rVV	559392	1046550	27.89%	2.521%
7	7.409	772	778	787	rBV	431275	726606	19.37%	1.750%
8	7.620	808	814	824	rVV	544603	944236	25.17%	2.274%
9	8.096	886	895	902	rVB	370726	622677	16.60%	1.500%
10	8.807	1009	1016	1027	rBV	653993	1216979	32.43%	2.931%
11	9.271	1086	1095	1103	rVV	525189	959286	25.57%	2.311%
12	9.412	1117	1119	1121	rVV3	9082	9359	0.25%	0.023%
13	9.647	1152	1159	1163	rBV4	8319	17513	0.47%	0.042%
14	10.005	1211	1220	1228	rBV	471972	875721	23.34%	2.109%
15	10.552	1305	1313	1323	rBV	637005	1208266	32.20%	2.910%
16	10.928	1371	1377	1387	rVB	527719	960820	25.61%	2.314%
17	11.069	1393	1401	1411	rBV	651212	1247274	33.24%	3.004%
18	11.744	1509	1516	1521	rBV8	10757	22788	0.61%	0.055%
19	11.832	1527	1531	1536	rVB7	13768	22990	0.61%	0.055%
20	11.926	1543	1547	1552	rBV2	45672	73242	1.95%	0.176%
21	11.973	1552	1555	1559	rVB6	10498	15405	0.41%	0.037%
22	12.120	1576	1580	1585	rVV8	7556	12360	0.33%	0.030%
23	12.202	1585	1594	1596	rBV9	11701	22806	0.61%	0.055%
24	12.320	1610	1614	1620	rBV5	17004	30126	0.80%	0.073%
25	12.414	1626	1630	1631	rBV4	8189	10542	0.28%	0.025%
26	12.526	1643	1649	1650	rVV3	24369	32370	0.86%	0.078%
27	12.543	1650	1652	1658	rVB3	27144	32465	0.87%	0.078%
28	12.725	1680	1683	1686	rBV5	7863	12091	0.32%	0.029%
29	12.954	1717	1722	1729	rVV9	18583	39312	1.05%	0.095%
30	13.019	1730	1733	1734	rVV3	11646	14144	0.38%	0.034%
31	13.060	1738	1740	1743	rVB4	11042	11202	0.30%	0.027%
32	13.113	1743	1749	1750	rBV6	10154	16725	0.45%	0.040%
33	13.137	1750	1753	1757	rVB5	12429	15896	0.42%	0.038%
34	13.201	1759	1764	1765	rBV4	8572	12846	0.34%	0.031%

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35	13.272	1772	1776	1782	rVB2	77629	118306	3.15%	0.285%
36	13.477	1809	1811	1814	rVB4	11617	10466	0.28%	0.025%
37	13.565	1817	1826	1834	rBV5	50448	120751	3.22%	0.291%
38	13.636	1834	1838	1839	rBV4	21460	23701	0.63%	0.057%
39	13.730	1852	1854	1860	rVB7	18460	23348	0.62%	0.056%
40	13.800	1860	1866	1869	rBV7	15474	28488	0.76%	0.069%
41	13.953	1889	1892	1895	rBV5	15004	13902	0.37%	0.033%
42	14.076	1911	1913	1917	rBV5	12761	21129	0.56%	0.051%
43	14.165	1920	1928	1932	rBV	1360493	1973596	52.60%	4.754%
44	14.212	1932	1936	1942	rVB	918621	1346839	35.90%	3.244%
45	14.335	1955	1957	1962	rVB4	21506	23411	0.62%	0.056%
46	14.464	1971	1979	1988	rBV	1366877	2160425	57.58%	5.204%
47	14.588	1998	2000	2003	rVB4	21677	21783	0.58%	0.052%
48	14.634	2003	2008	2015	rVV	100609	146026	3.89%	0.352%
49	14.711	2017	2021	2024	rVV6	25900	40841	1.09%	0.098%
50	14.770	2024	2031	2039	rVV2	874156	1430422	38.12%	3.445%
51	14.840	2041	2043	2047	rVB4	16275	20974	0.56%	0.051%
52	14.987	2062	2068	2082	rBV	437721	972741	25.93%	2.343%
53	15.134	2090	2093	2096	rBV4	20918	24820	0.66%	0.060%
54	15.193	2101	2103	2107	rVB5	29675	32935	0.88%	0.079%
55	15.251	2109	2113	2121	rVB6	38372	81945	2.18%	0.197%
56	15.322	2121	2125	2131	rVB8	27956	44904	1.20%	0.108%
57	15.386	2131	2136	2137	rBV5	15103	22411	0.60%	0.054%
58	15.545	2159	2163	2165	rBV5	21819	28623	0.76%	0.069%
59	15.592	2166	2171	2175	rVV	138489	183540	4.89%	0.442%
60	15.645	2178	2180	2184	rVB4	25433	28754	0.77%	0.069%
61	15.698	2184	2189	2193	rBV8	17425	35457	0.95%	0.085%
62	15.762	2193	2200	2208	rBV	1796620	2823082	75.24%	6.800%
63	15.897	2217	2223	2233	rBV	639090	998276	26.61%	2.405%
64	15.997	2233	2240	2245	rBV4	81545	157276	4.19%	0.379%
65	16.085	2253	2255	2260	rVB5	20504	29653	0.79%	0.071%
66	16.144	2263	2265	2269	rVB4	11050	12974	0.35%	0.031%
67	16.215	2274	2277	2282	rVB5	33489	49608	1.32%	0.119%
68	16.256	2282	2284	2286	rBV3	9655	9327	0.25%	0.022%
69	16.403	2307	2309	2313	rBV5	10663	9398	0.25%	0.023%
70	16.456	2313	2318	2321	rBV2	128673	211744	5.64%	0.510%
71	16.726	2362	2364	2372	rVB8	13589	20084	0.54%	0.048%

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72	16.796	2372	2376	2379	rBV6	20197	26794	0.71%	0.065%
73	16.855	2384	2386	2390	rVV5	13963	14575	0.39%	0.035%
74	16.914	2393	2396	2400	rVB5	18952	22894	0.61%	0.055%
75	16.961	2402	2404	2408	rVB4	12627	11738	0.31%	0.028%
76	17.025	2411	2415	2416	rBV4	13030	15185	0.40%	0.037%
77	17.172	2434	2440	2449	rVB	404051	565683	15.08%	1.363%
78	17.249	2449	2453	2457	rVB	62937	78682	2.10%	0.190%
79	17.307	2457	2463	2467	rBV5	31503	56598	1.51%	0.136%
80	17.531	2495	2501	2508	rVV2	1208991	1847230	49.23%	4.449%
81	17.630	2512	2518	2525	rVB	2021691	3140241	83.69%	7.564%
82	17.795	2542	2546	2549	rBV6	9741	14059	0.37%	0.034%
83	17.912	2559	2566	2572	rVV6	12243	38240	1.02%	0.092%
84	18.001	2576	2581	2584	rVB5	19200	29463	0.79%	0.071%
85	18.400	2644	2649	2654	rBV2	220925	305931	8.15%	0.737%
86	18.676	2694	2696	2700	rBV5	8879	12763	0.34%	0.031%
87	19.311	2801	2804	2806	rBV4	8472	12249	0.33%	0.030%
88	19.557	2838	2846	2851	rBV	34526	68489	1.83%	0.165%
89	19.669	2860	2865	2872	rBV4	67095	107893	2.88%	0.260%
90	19.804	2885	2888	2896	rVB2	26500	47379	1.26%	0.114%
91	19.921	2902	2908	2915	rVB	2665758	3752056	100.00%	9.037%
92	20.562	3015	3017	3018	rBV2	13989	11623	0.31%	0.028%
93	21.126	3111	3113	3114	rBV2	14926	11668	0.31%	0.028%
94	21.449	3163	3168	3178	rBV4	96526	255952	6.82%	0.617%
95	21.848	3229	3236	3244	rVB2	1245927	2108473	56.20%	5.079%
96	23.505	3516	3518	3521	rBV4	15397	14843	0.40%	0.036%
97	24.997	3761	3772	3786	rVB	1165954	3279588	87.41%	7.899%
98	25.226	3801	3811	3823	rVB2	651296	1999729	53.30%	4.817%
99	27.787	4244	4247	4248	rBV3	28151	29499	0.79%	0.071%
100	29.708	4572	4574	4576	rBV3	13157	12804	0.34%	0.031%

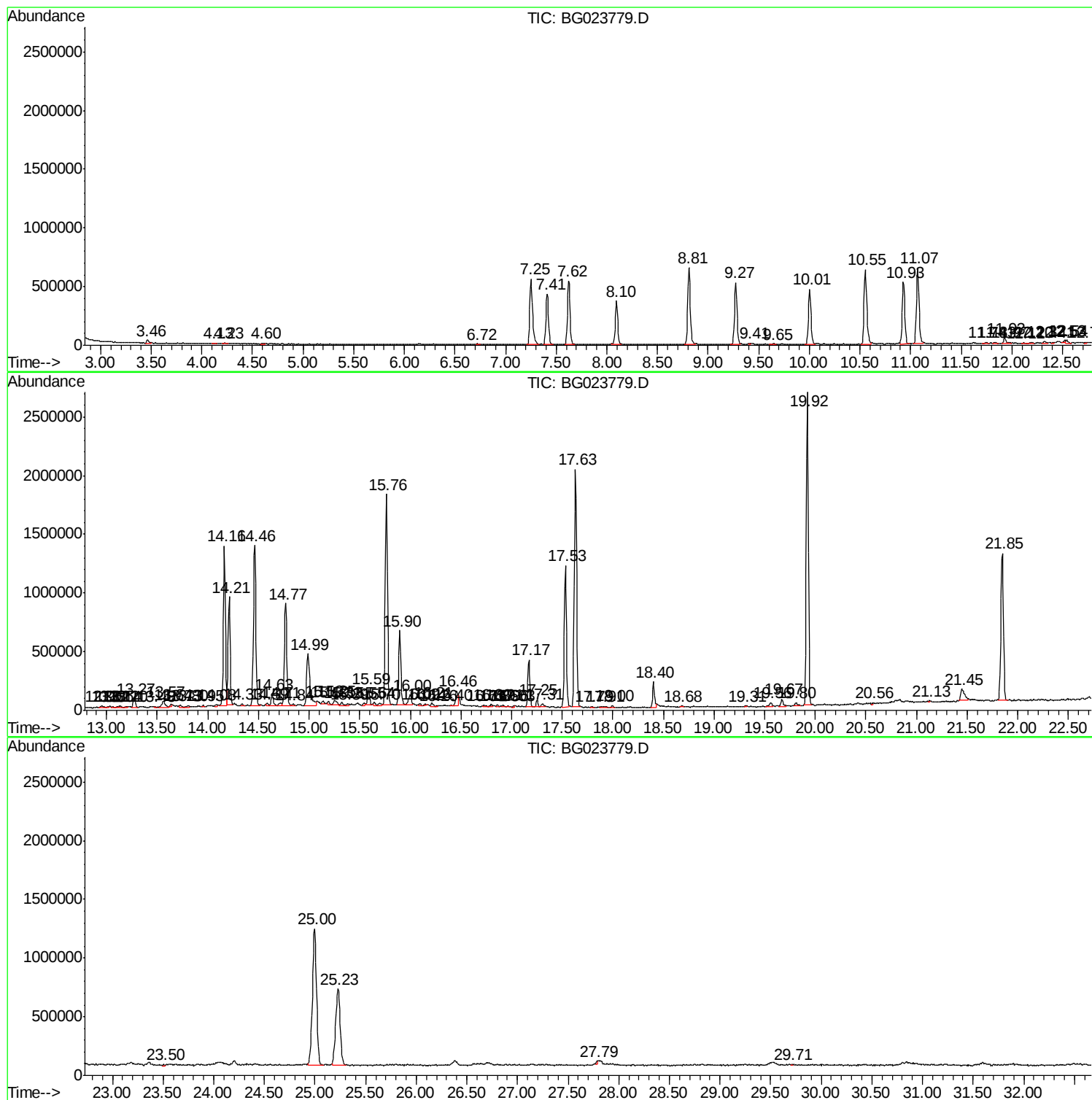
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



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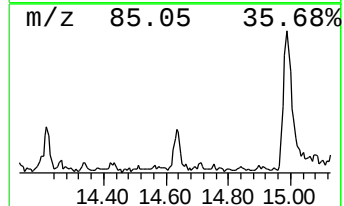
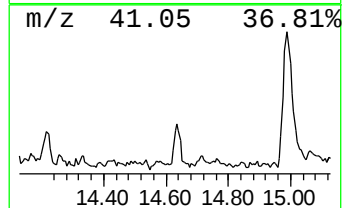
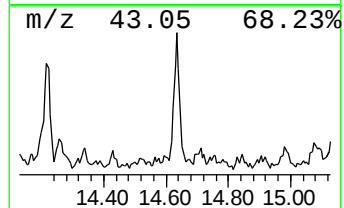
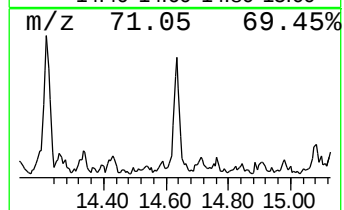
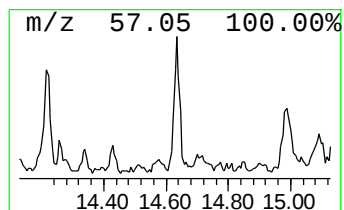
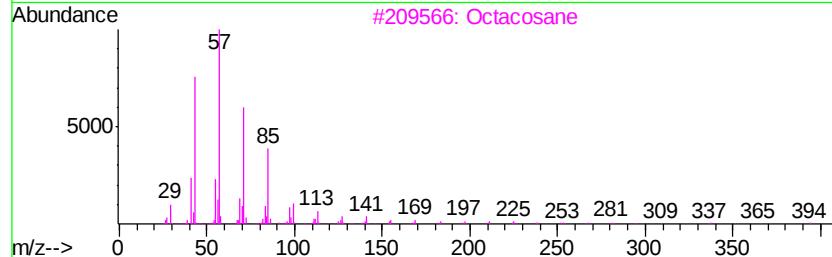
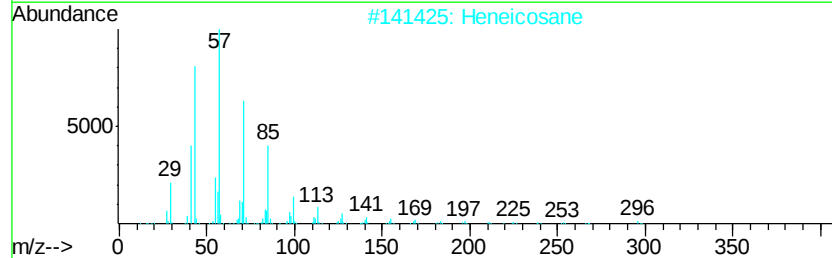
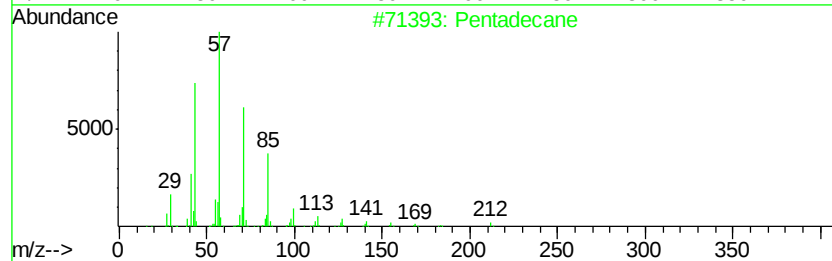
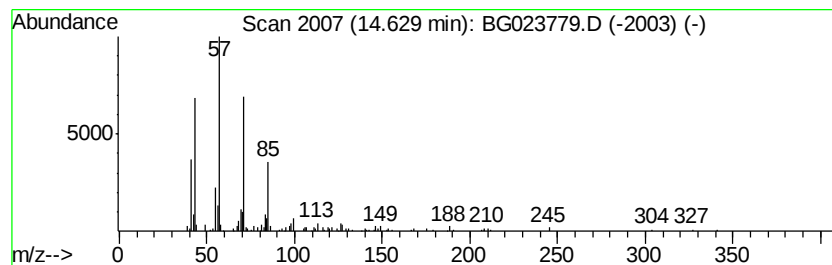
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.04 ng/ul	146026	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Heneicosane	296	C21H44	000629-94-7	80
3		Octacosane	394	C28H58	000630-02-4	80
4		Heptacosane	380	C27H56	000593-49-7	78
5		Decane, 5-propyl-	184	C13H28	017312-62-8	78



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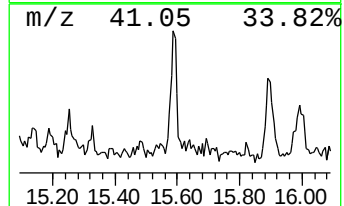
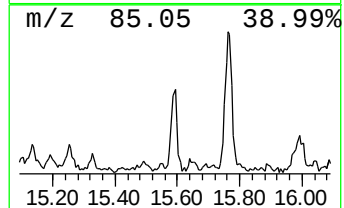
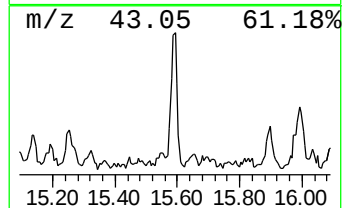
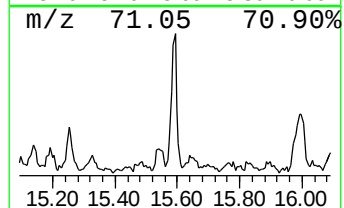
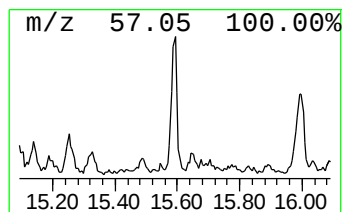
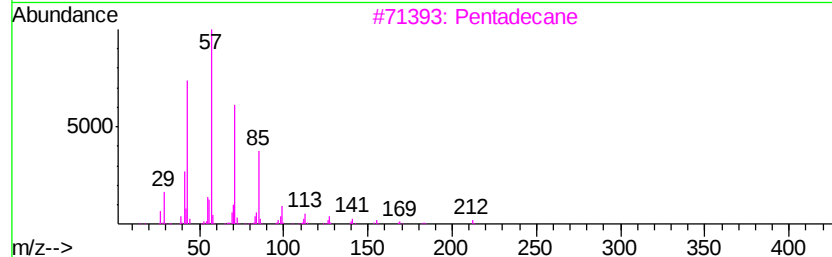
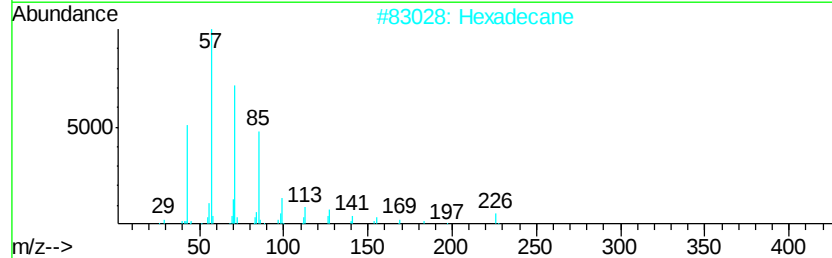
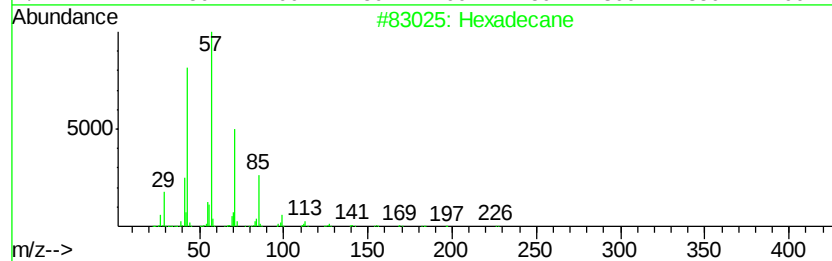
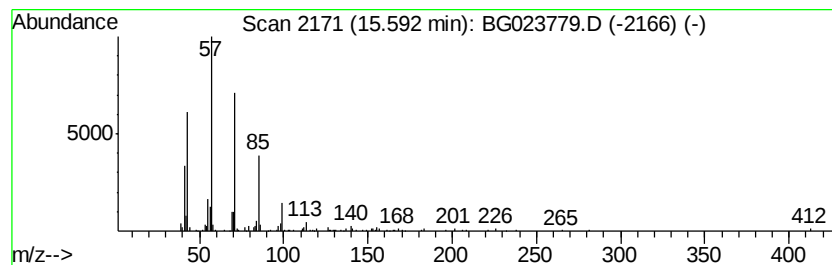
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.57 ng/ul	183540	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Pentadecane	212	C15H32	000629-62-9	78
4		Pentadecane	212	C15H32	000629-62-9	64
5		Tridecane	184	C13H28	000629-50-5	59



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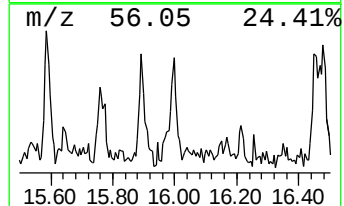
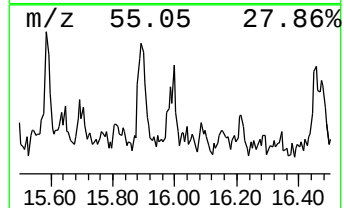
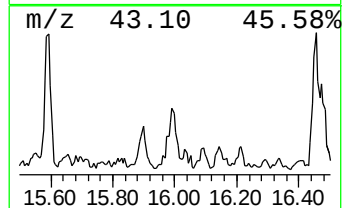
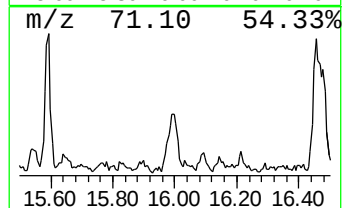
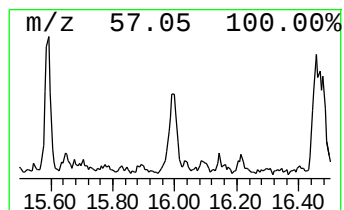
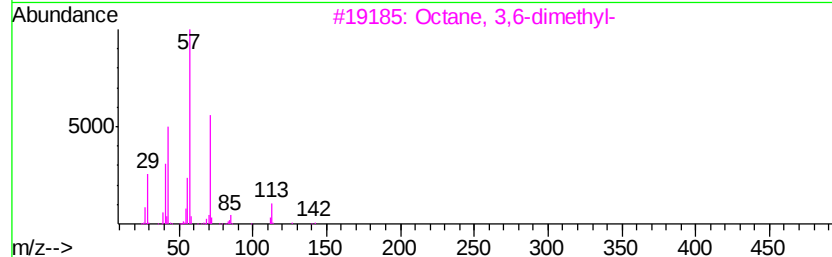
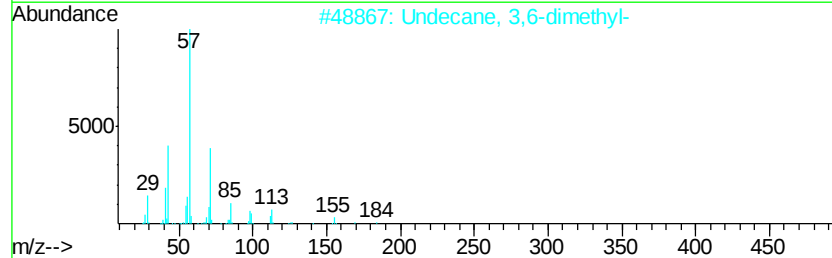
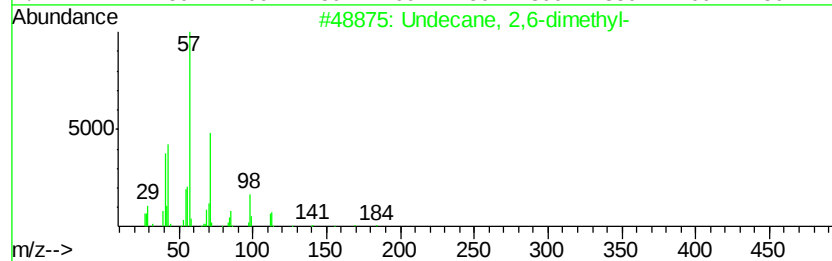
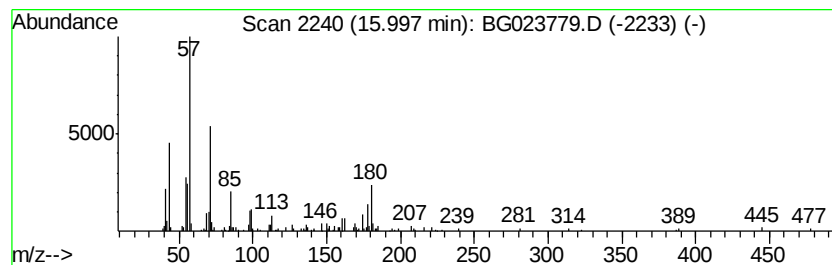
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.20 ng/ul	157276	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	50



Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023779.D
Acq On : 19 Aug 2016 4:35
Operator : UM/SJ
Sample : H4492-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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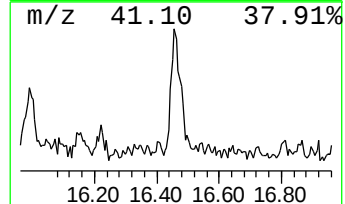
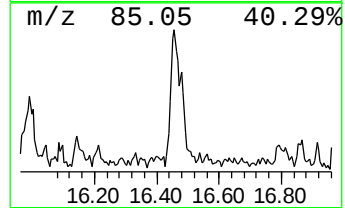
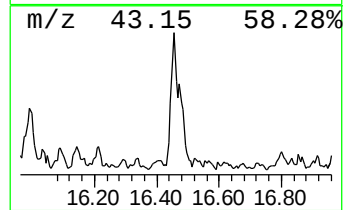
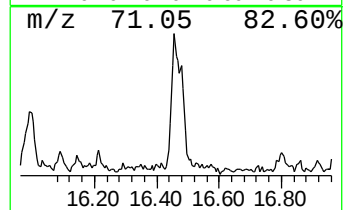
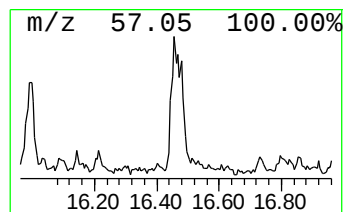
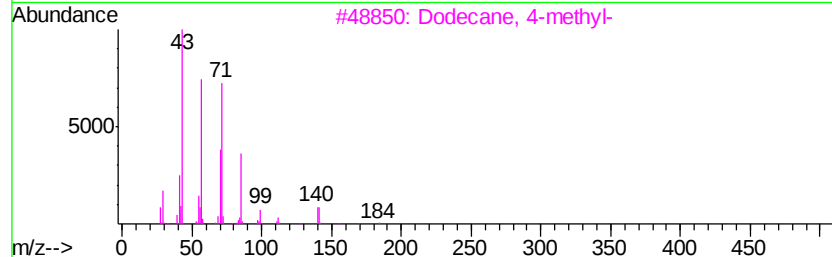
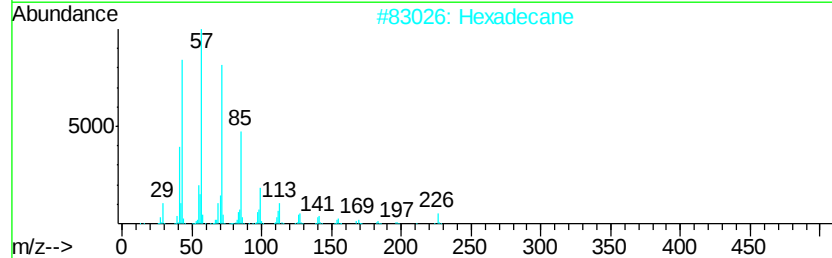
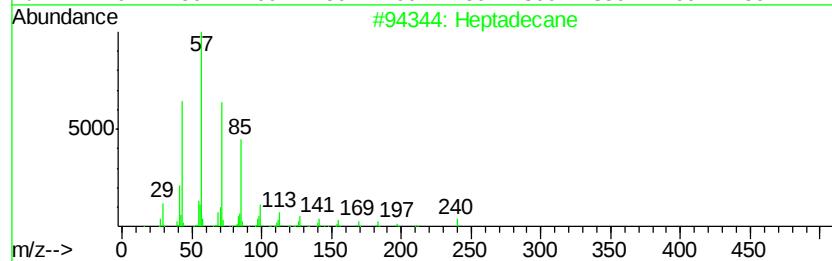
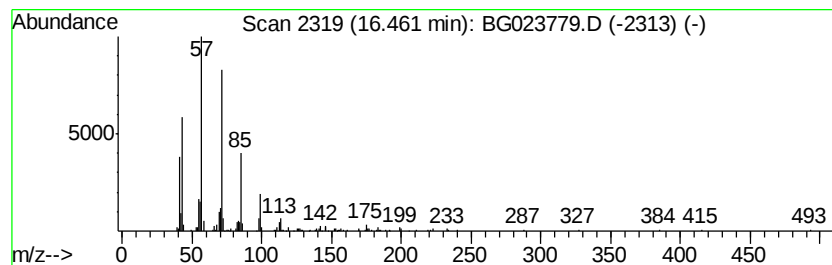
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.29 ng/ul	211744	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
5		Decane, 5-propyl-	184	C13H28	017312-62-8	80



Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023779.D
Acq On : 19 Aug 2016 4:35
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Sample : H4492-07
Misc :
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ClientSampleId :
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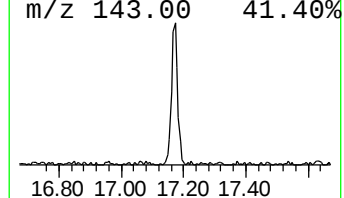
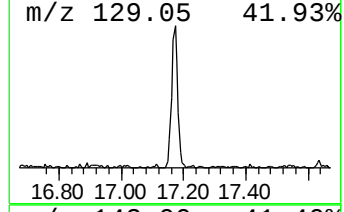
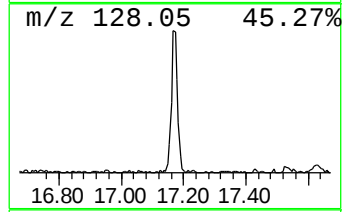
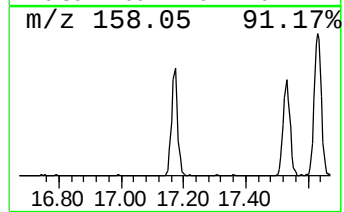
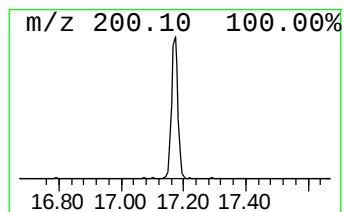
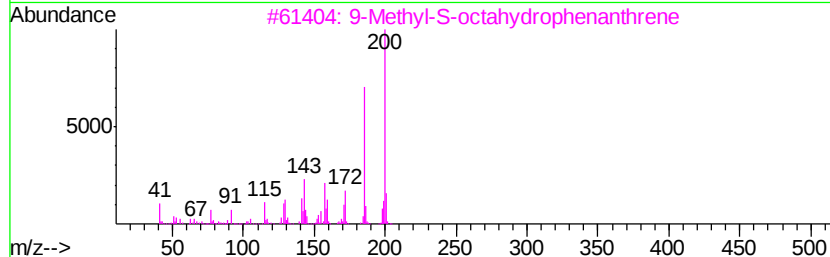
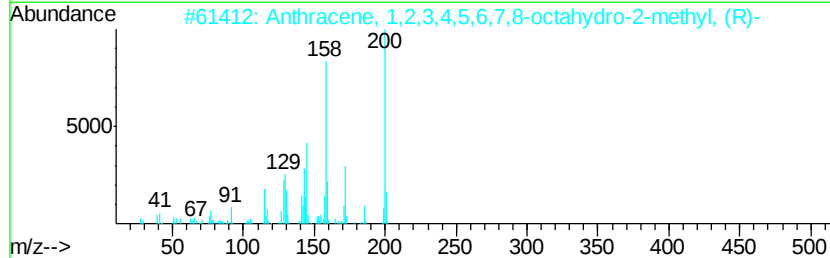
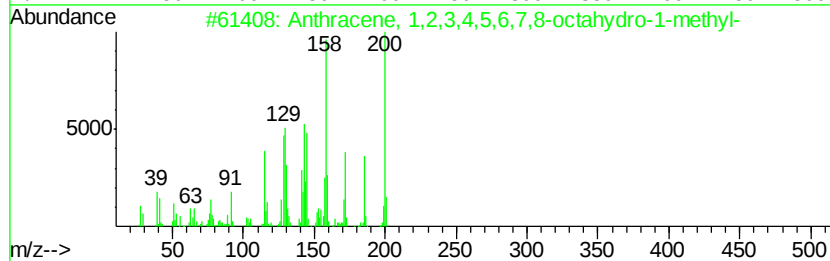
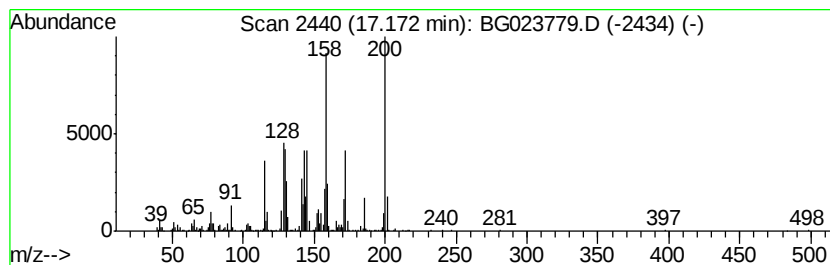
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1,2,3,4,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	6.12 ng/ul	565683	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000159-30-4	96
2		Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000155-76-6	94
3		9-Methyl-S-octahydrophenanthrene	200	C15H20	023861-81-6	60
4		1,2,3,4,4a,9,10,10a-(trans-4a,10...	200	C14H16O	021656-46-2	60
5		7-Methyl-1-naphthol	158	C11H10O	006939-33-9	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
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Sample : H4492-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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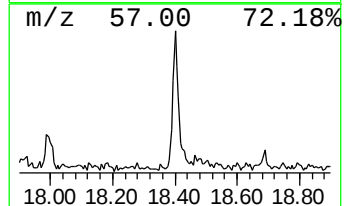
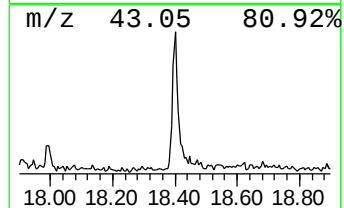
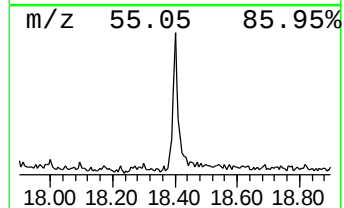
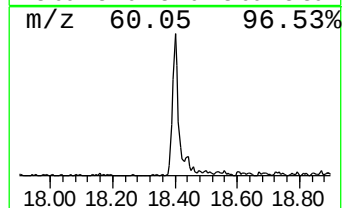
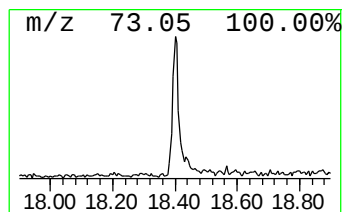
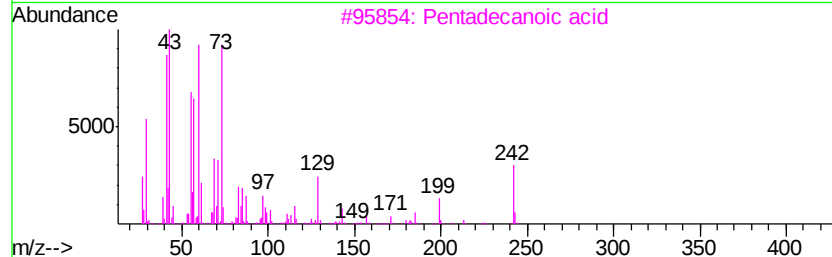
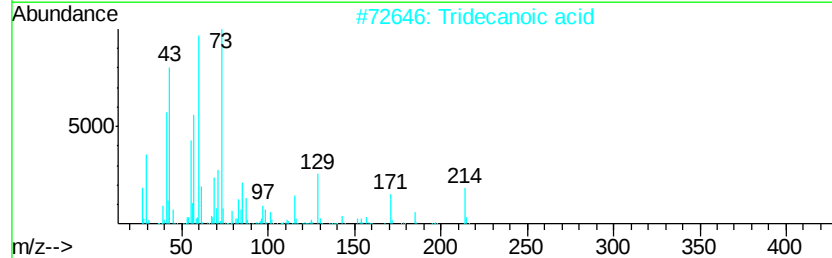
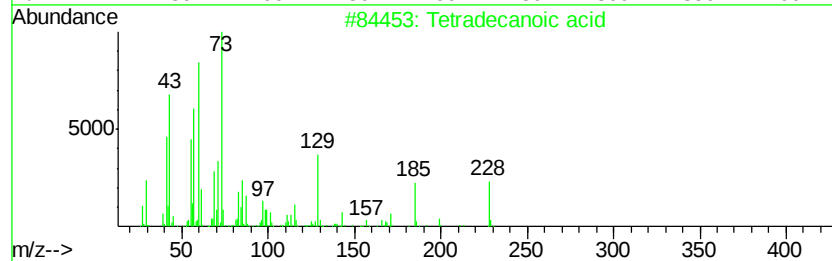
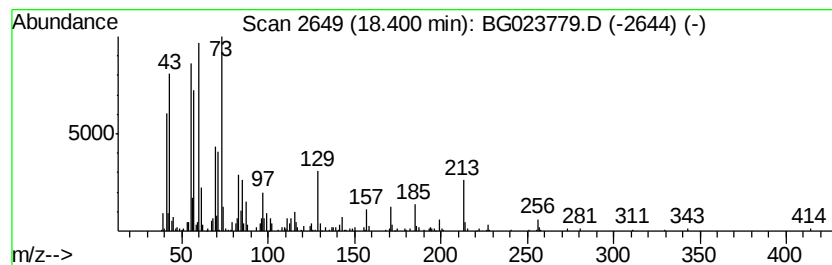
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.31 ng/ul	305931	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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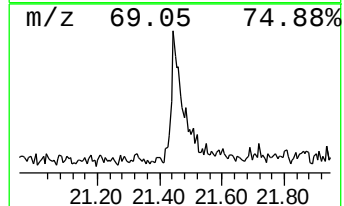
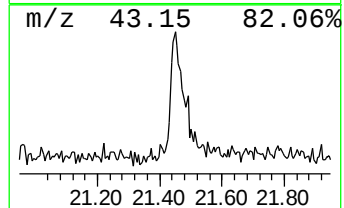
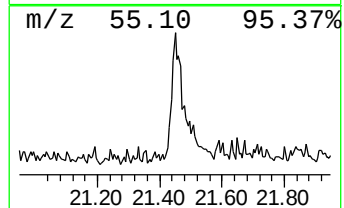
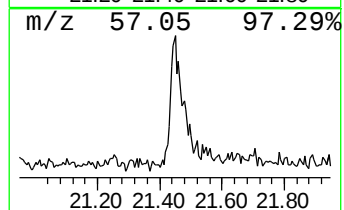
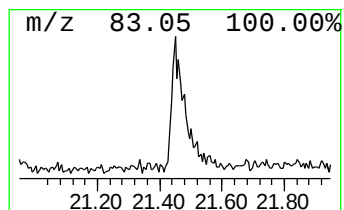
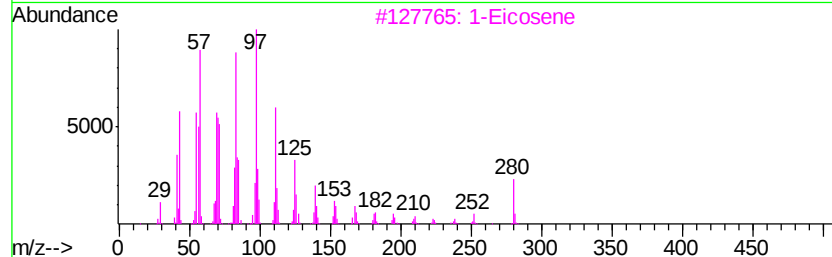
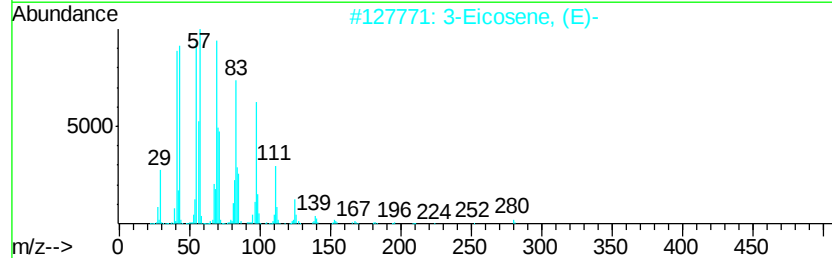
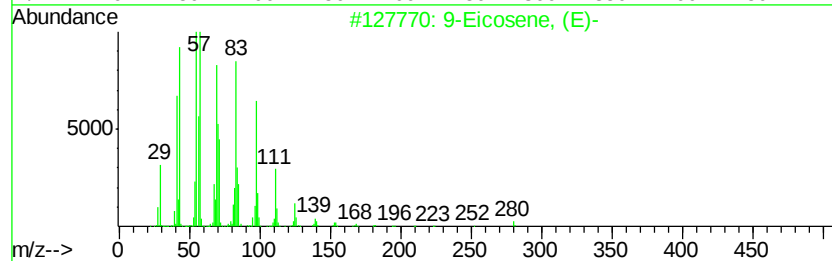
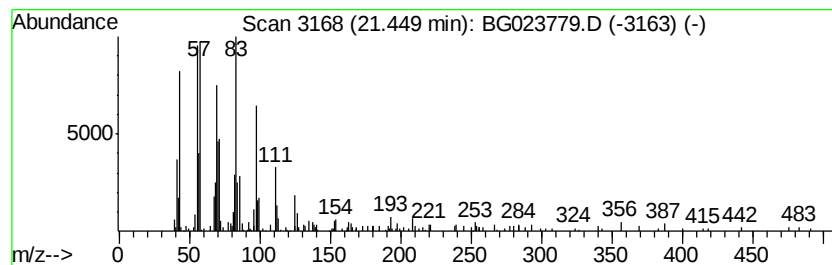
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.45 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.43 ng/ul	255952	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Eicosene	280	C20H40	003452-07-1	91
4		3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	90
5		1-Heptadecene	238	C17H34	006765-39-5	90



Data Path : Z:\HPCHEM1\BNA_G\Data\BG081816\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPS4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	14.63	2.0	ng/ul	146026	3	14.77	1430420	20.0
(DEL) Alkane: Str...	15.59	2.6	ng/ul	183540	3	14.77	1430420	20.0
(DEL) Alkane: Str...	16.00	2.2	ng/ul	157276	3	14.77	1430420	20.0
(DEL) Alkane: Str...	16.46	2.3	ng/ul	211744	4	17.53	1847230	20.0
Anthracene, 1,2,3...	17.17	6.1	ng/ul	565683	4	17.53	1847230	20.0
Tetradecanoic acid	18.40	3.3	ng/ul	305931	4	17.53	1847230	20.0
(DEL) Alkane: Cyc...	21.45	2.4	ng/ul	255952	5	21.85	2108470	20.0