

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025625.D
 Acq On : 25 Jan 2017 2:25
 Operator : UM/SJ
 Sample : I1315-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN14

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	3.508	111	114	122	rVB6	18329	36689	0.91%	0.094%
2	4.020	200	201	207	rBV4	4514	7950	0.20%	0.020%
3	4.495	280	282	286	rVB4	6244	9225	0.23%	0.024%
4	4.578	294	296	299	rBV4	6123	7784	0.19%	0.020%
5	4.707	313	318	321	rVB5	4941	7351	0.18%	0.019%
6	4.742	321	324	327	rBV4	6767	7269	0.18%	0.019%
7	5.106	381	386	387	rBV2	7213	8336	0.21%	0.021%
8	5.130	389	390	396	rVB5	8266	10165	0.25%	0.026%
9	5.230	404	407	415	rVB4	8157	14974	0.37%	0.038%
10	5.535	456	459	461	rBV3	6738	8187	0.20%	0.021%
11	6.728	657	662	664	rBV4	3918	6971	0.17%	0.018%
12	6.934	692	697	699	rVB3	4713	7181	0.18%	0.018%
13	6.998	707	708	717	rVB4	6719	12585	0.31%	0.032%
14	7.081	717	722	723	rBV3	5202	7866	0.20%	0.020%
15	7.339	759	766	783	rBV4	295427	709313	17.65%	1.814%
16	7.492	784	792	806	rVB	240616	432368	10.76%	1.106%
17	7.709	821	829	842	rBV	296408	568831	14.15%	1.455%
18	8.173	898	908	917	rBV	208459	388302	9.66%	0.993%
19	8.332	932	935	938	rVB4	5878	7580	0.19%	0.019%
20	8.409	944	948	952	rVB3	4560	7565	0.19%	0.019%
21	8.473	952	959	961	rBV7	6082	11358	0.28%	0.029%
22	8.896	1023	1031	1044	rBV2	367212	751157	18.69%	1.921%
23	9.061	1057	1059	1065	rVB4	5943	7758	0.19%	0.020%
24	9.119	1065	1069	1072	rBV2	7197	11139	0.28%	0.028%
25	9.360	1101	1110	1125	rBV	357071	714262	17.77%	1.827%
26	9.601	1146	1151	1154	rBV5	5118	7786	0.19%	0.020%
27	9.672	1158	1163	1173	rVB8	12608	23008	0.57%	0.059%
28	10.089	1225	1234	1248	rBV2	322462	642604	15.99%	1.644%
29	10.271	1261	1265	1273	rBV3	5714	8614	0.21%	0.022%
30	10.424	1290	1291	1297	rBV5	3822	6937	0.17%	0.018%
31	10.635	1320	1327	1339	rBV2	405523	833257	20.73%	2.131%
32	11.005	1381	1390	1401	rVB	316736	606737	15.10%	1.552%
33	11.152	1407	1415	1436	rBV	356275	791488	19.69%	2.025%
34	11.423	1457	1461	1463	rVB3	7118	9483	0.24%	0.024%

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35	12.034	1562	1565	1568	rBV3	5901	8332	0.21%	0.021%
36	12.598	1656	1661	1665	rBV7	7991	17622	0.44%	0.045%
37	12.709	1675	1680	1683	rVB4	5532	7021	0.17%	0.018%
38	13.144	1749	1754	1757	rBV2	5733	7542	0.19%	0.019%
39	13.391	1791	1796	1802	rBV5	5506	7954	0.20%	0.020%
40	13.661	1835	1842	1850	rVB6	10048	24909	0.62%	0.064%
41	14.084	1911	1914	1918	rBV2	4450	8672	0.22%	0.022%
42	14.143	1918	1924	1927	rVB7	5584	8448	0.21%	0.022%
43	14.202	1927	1934	1939	rBV	1072048	1618560	40.28%	4.140%
44	14.249	1939	1942	1952	rVB2	207523	324922	8.09%	0.831%
45	14.507	1977	1986	2002	rBV	1038883	1745514	43.43%	4.465%
46	14.654	2006	2011	2017	rBV5	17865	31469	0.78%	0.080%
47	14.807	2027	2037	2044	rBV	602488	975412	24.27%	2.495%
48	14.989	2064	2068	2069	rBV3	5449	7035	0.18%	0.018%
49	15.048	2070	2078	2101	rVV2	286043	818193	20.36%	2.093%
50	15.201	2102	2104	2111	rVV8	13878	28157	0.70%	0.072%
51	15.259	2111	2114	2117	rVB5	10290	9420	0.23%	0.024%
52	15.553	2161	2164	2167	rBV3	10288	11373	0.28%	0.029%
53	15.588	2167	2170	2177	rVB	46290	64681	1.61%	0.165%
54	15.794	2196	2205	2217	rBV	1463078	2337076	58.15%	5.978%
55	15.941	2224	2230	2243	rBV	498890	901063	22.42%	2.305%
56	16.041	2243	2247	2254	rVB6	22295	39705	0.99%	0.102%
57	16.147	2261	2265	2271	rBV7	10828	22391	0.56%	0.057%
58	16.217	2271	2277	2282	rVV8	9696	20264	0.50%	0.052%
59	16.452	2309	2317	2325	rBV2	71823	137914	3.43%	0.353%
60	16.640	2348	2349	2354	rBV5	10243	13703	0.34%	0.035%
61	16.722	2361	2363	2366	rBV3	5930	7322	0.18%	0.019%
62	16.799	2371	2376	2380	rBV6	10300	15880	0.40%	0.041%
63	16.910	2394	2395	2401	rBV6	10269	12939	0.32%	0.033%
64	16.957	2401	2403	2408	rVV5	9271	12489	0.31%	0.032%
65	17.028	2410	2415	2417	rBV6	6653	7977	0.20%	0.020%
66	17.069	2419	2422	2428	rVB8	12034	16671	0.41%	0.043%
67	17.245	2446	2452	2457	rBV3	50069	83444	2.08%	0.213%
68	17.292	2457	2460	2466	rVV7	18500	30974	0.77%	0.079%
69	17.345	2466	2469	2474	rVV7	11403	15435	0.38%	0.039%
70	17.421	2474	2482	2484	rVV6	5727	13763	0.34%	0.035%
71	17.551	2497	2504	2514	rBV	812761	1305729	32.49%	3.340%

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72	17.651	2514	2521	2530	rVV	1648267	2687987	66.89%	6.876%
73	17.986	2574	2578	2582	rVB5	27055	39968	0.99%	0.102%
74	18.015	2582	2583	2587	rBV4	6049	7258	0.18%	0.019%
75	18.397	2640	2648	2657	rBV3	122518	235997	5.87%	0.604%
76	18.579	2675	2679	2686	rVB7	27515	36734	0.91%	0.094%
77	18.673	2690	2695	2698	rBV7	11393	19640	0.49%	0.050%
78	18.714	2698	2702	2709	rVB9	13577	28554	0.71%	0.073%
79	19.249	2791	2793	2798	rVB6	9731	12031	0.30%	0.031%
80	19.302	2799	2802	2806	rBV6	6392	8615	0.21%	0.022%
81	19.454	2826	2828	2831	rVB4	7767	6935	0.17%	0.018%
82	19.484	2832	2833	2838	rVV5	5436	8283	0.21%	0.021%
83	19.566	2842	2847	2854	rBV	27536	54320	1.35%	0.139%
84	19.654	2859	2862	2870	rBV7	41225	90518	2.25%	0.232%
85	19.789	2880	2885	2894	rBV	3339674	4018767	100.00%	10.280%
86	19.930	2901	2909	2920	rBV	2273283	3366262	83.76%	8.611%
87	20.060	2929	2931	2933	rVB3	7723	8130	0.20%	0.021%
88	20.095	2936	2937	2943	rBV6	13534	17362	0.43%	0.044%
89	20.324	2973	2976	2982	rBV8	17532	28335	0.71%	0.072%
90	20.829	3057	3062	3069	rVB	2940417	3295882	82.01%	8.431%
91	21.423	3158	3163	3172	rBV8	42078	125496	3.12%	0.321%
92	21.846	3228	3235	3242	rBV	883840	1615518	40.20%	4.132%
93	22.586	3359	3361	3364	rVB4	26270	25745	0.64%	0.066%
94	23.297	3478	3482	3490	rVB10	45660	83122	2.07%	0.213%
95	24.125	3618	3623	3632	rVB5	58366	128192	3.19%	0.328%
96	25.001	3761	3772	3783	rBV2	1162050	3451909	85.89%	8.830%
97	25.101	3784	3789	3800	rVB8	80586	202083	5.03%	0.517%
98	25.230	3800	3811	3826	rBV2	515208	1571945	39.12%	4.021%
99	26.276	3981	3989	4000	rVB6	80953	256889	6.39%	0.657%
100	27.662	4218	4225	4237	rVB5	75941	248567	6.19%	0.636%

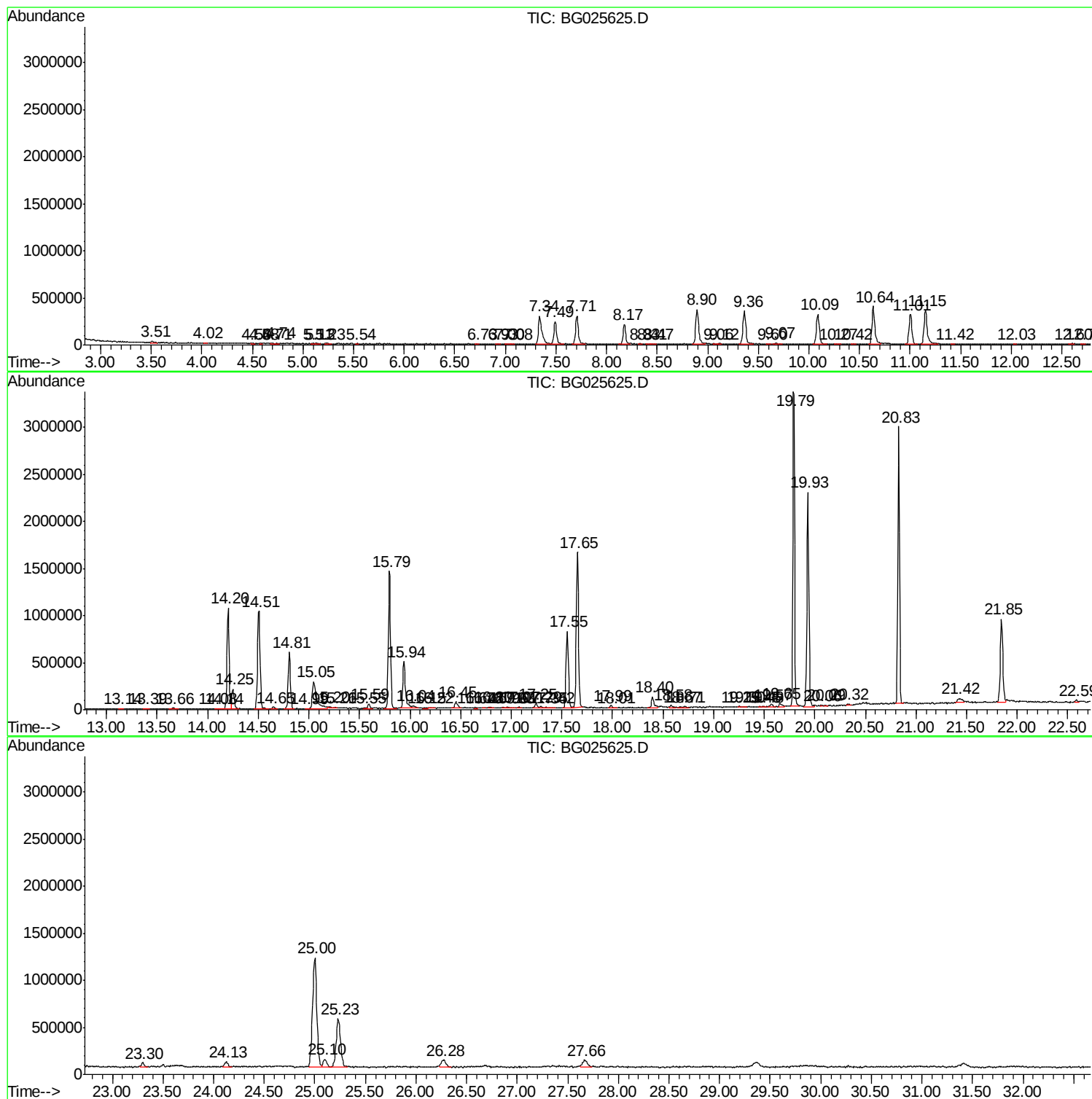
Sum of corrected areas: 39093099

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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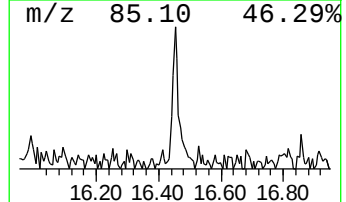
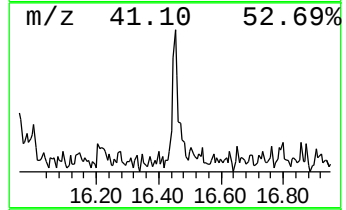
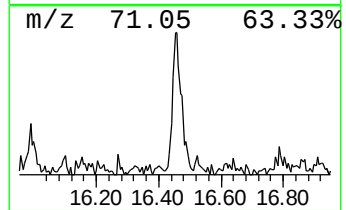
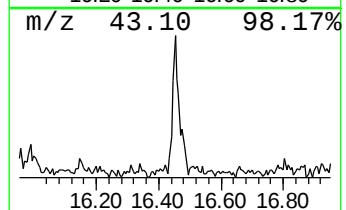
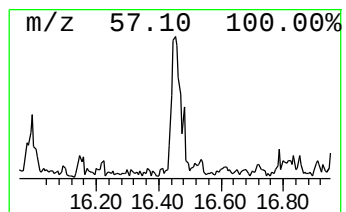
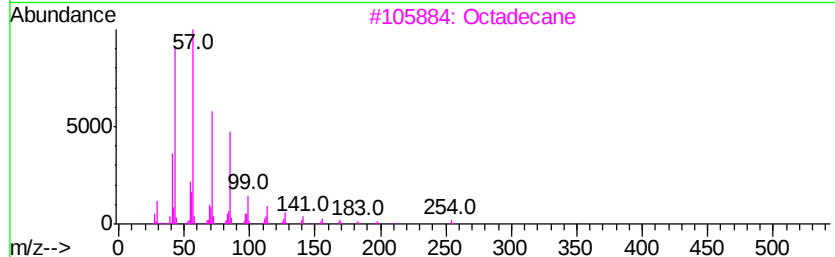
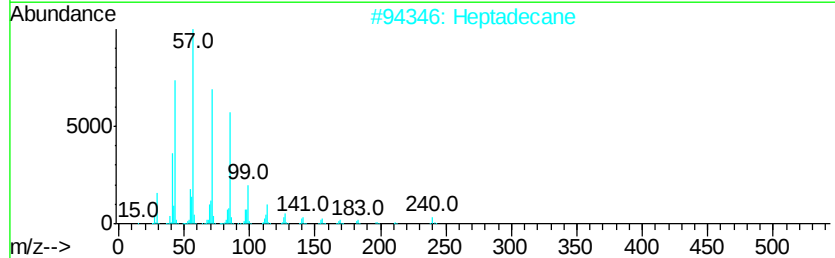
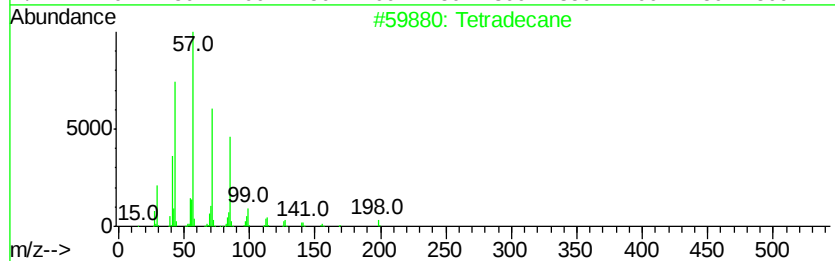
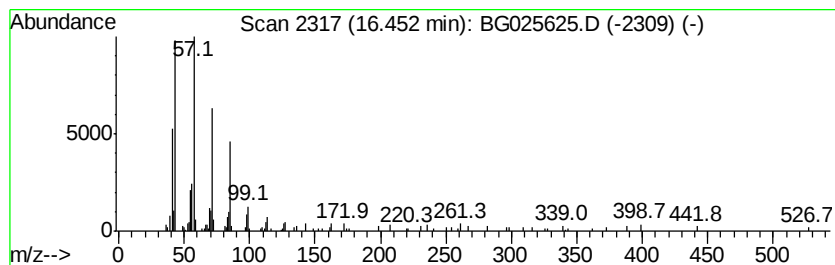
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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.
16.45	2.11 ng/ul	137914	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Heptadecane	240	C17H36	000629-78-7	89
3		Octadecane	254	C18H38	000593-45-3	89
4		Heneicosane	296	C21H44	000629-94-7	76
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76



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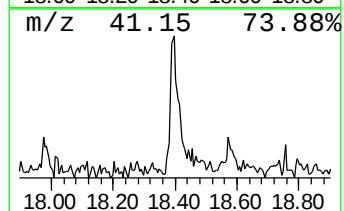
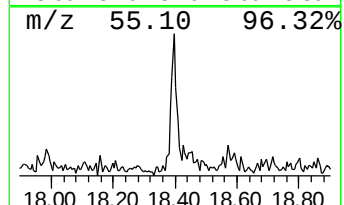
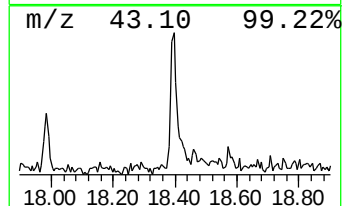
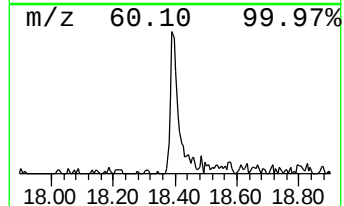
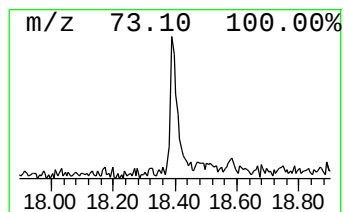
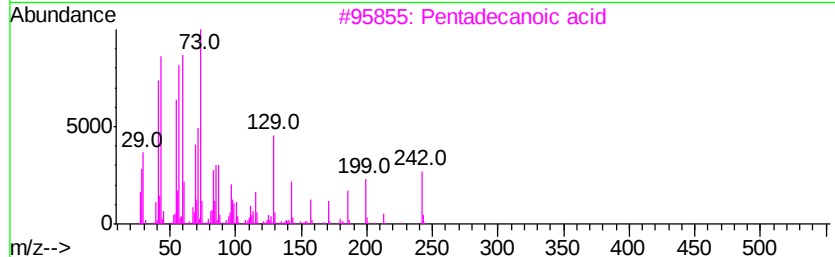
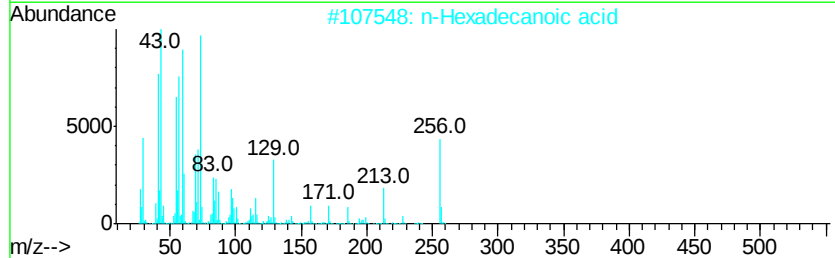
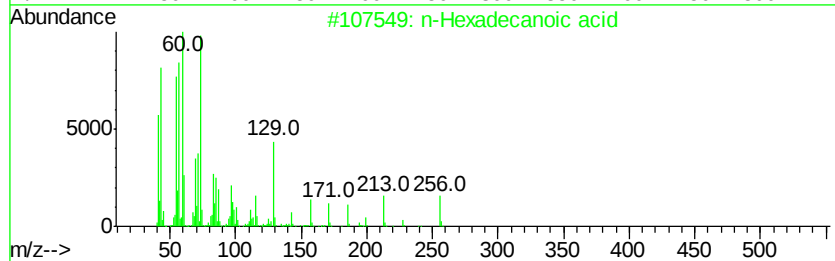
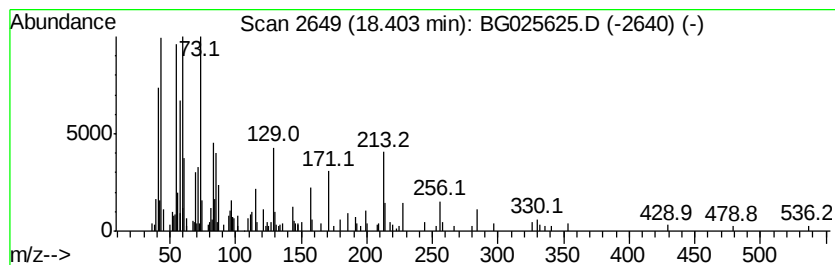
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.61 ng/ul	235997	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



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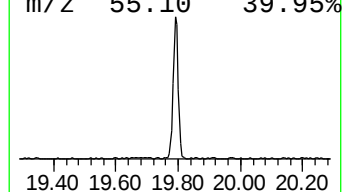
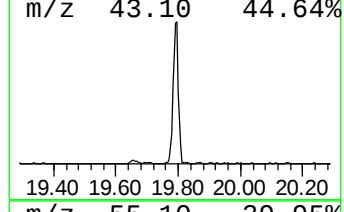
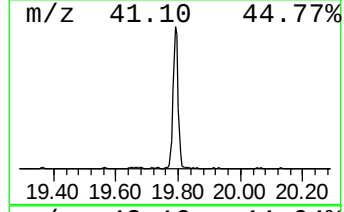
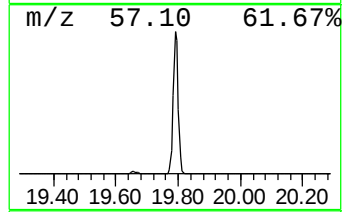
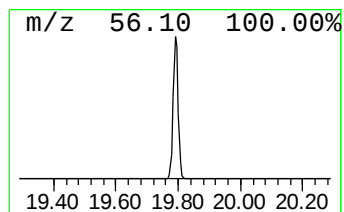
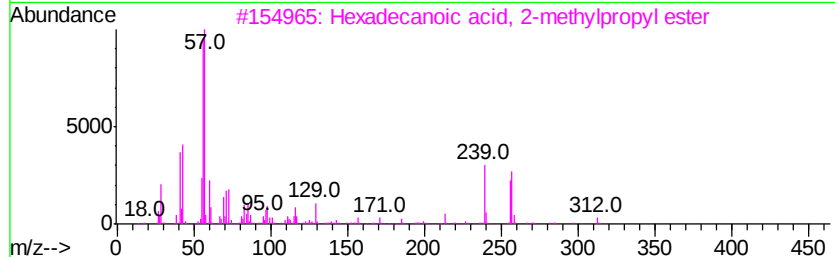
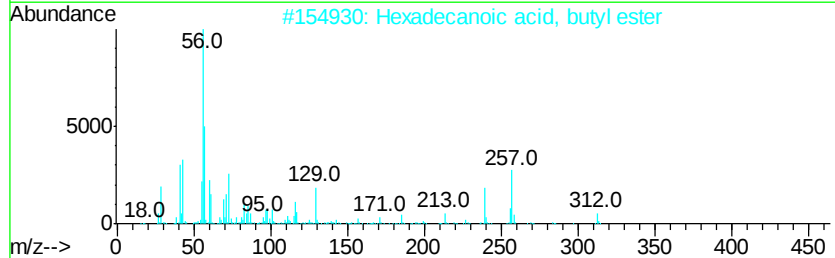
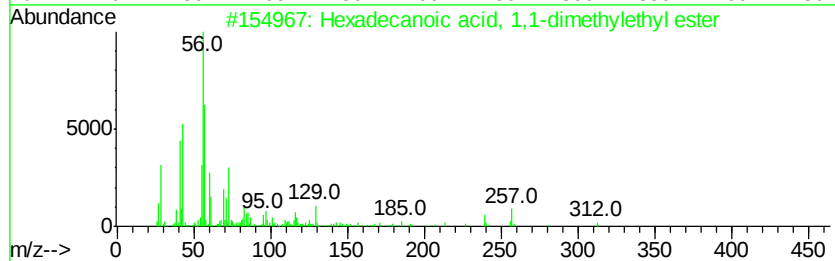
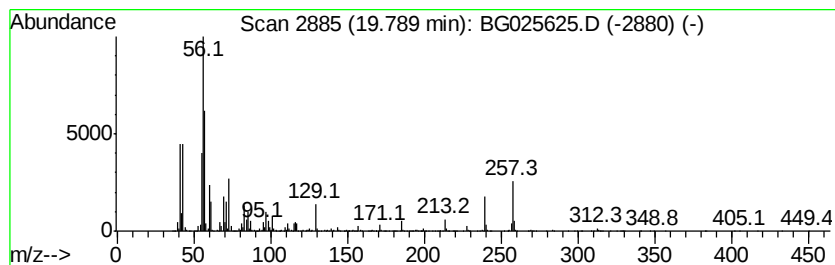
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Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	49.75 ng/ul	4018770	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	43
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	41
5		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025625.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1315-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BDN14

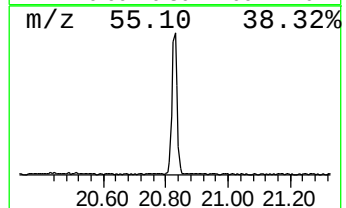
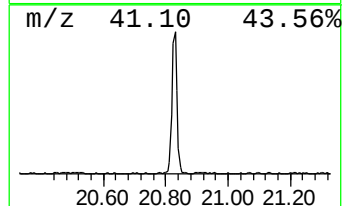
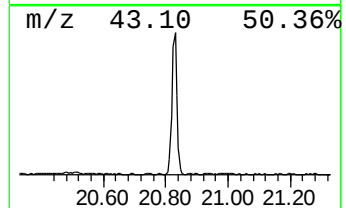
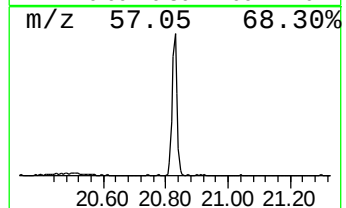
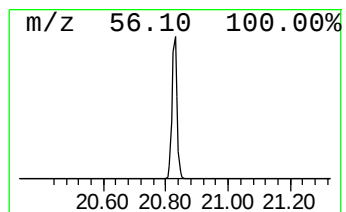
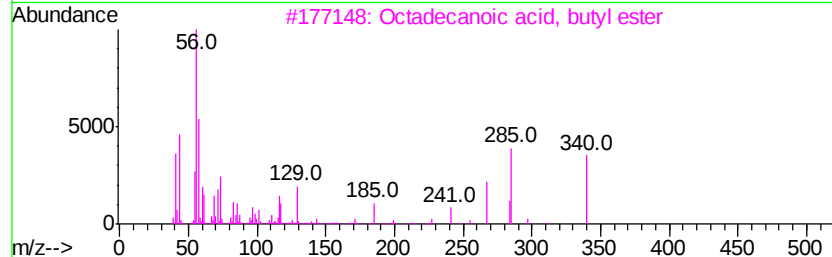
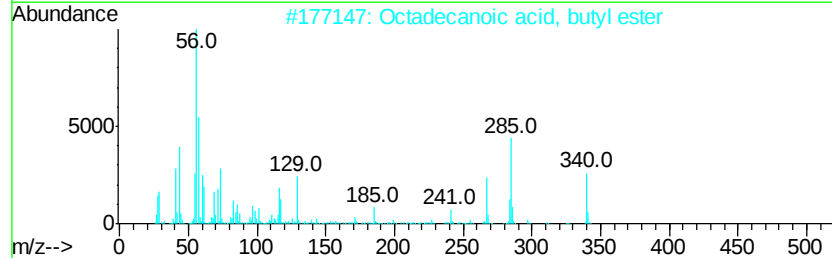
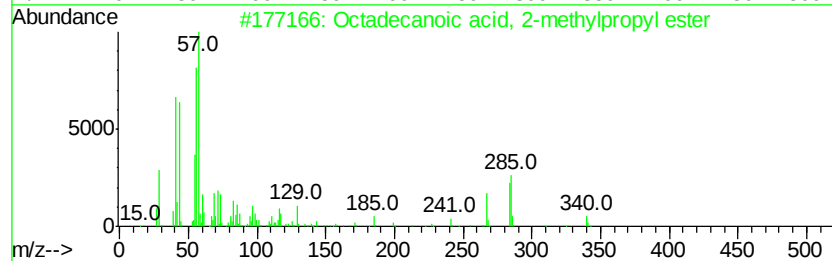
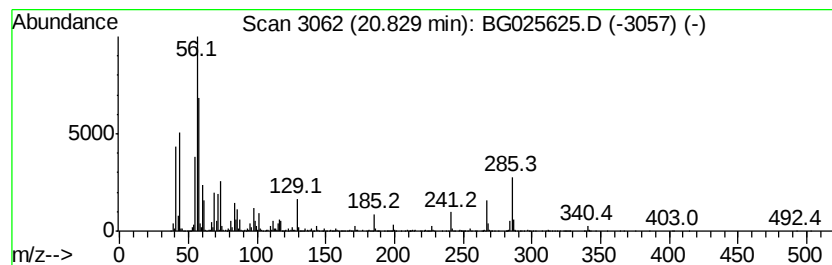
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	40.80 ng/ul	3295880	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	87
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
4		Butyl myristate	284	C18H36O2	000110-36-1	58
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025625.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1315-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN14

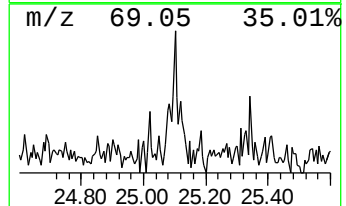
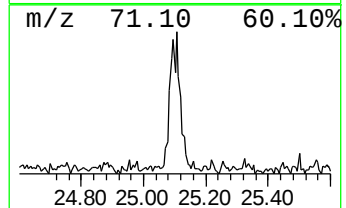
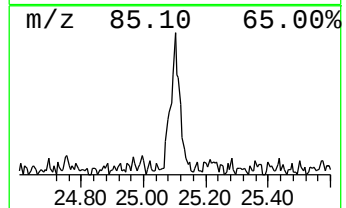
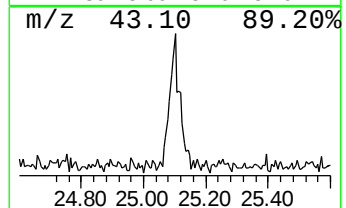
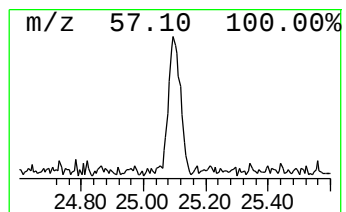
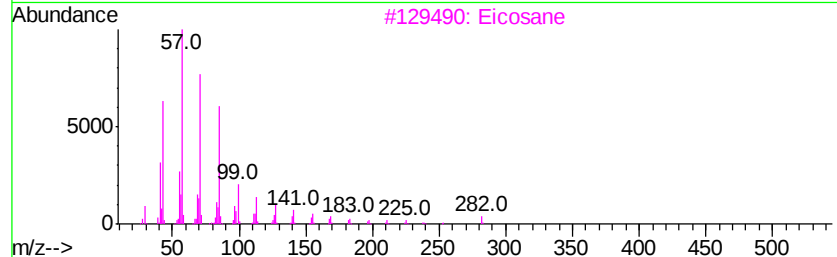
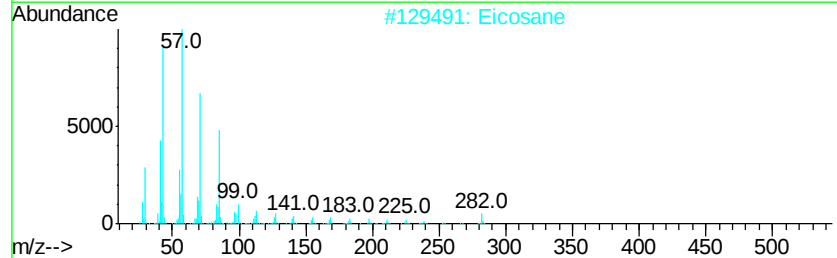
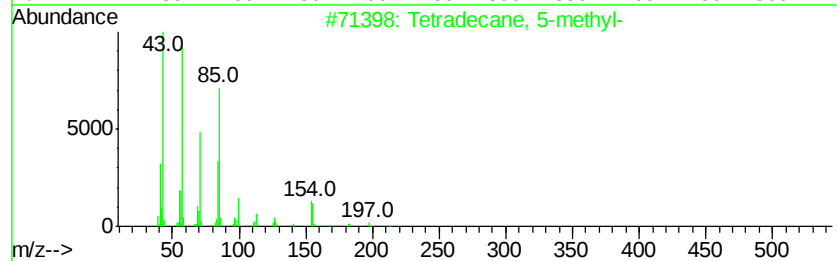
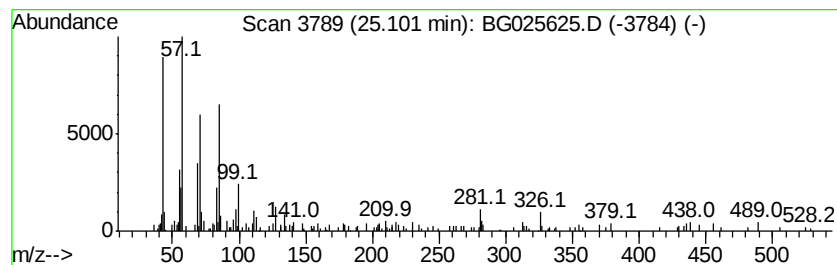
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.57 ng/ul	202083	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	50
2		Eicosane	282	C20H42	000112-95-8	43
3		Eicosane	282	C20H42	000112-95-8	43
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025625.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1315-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN14

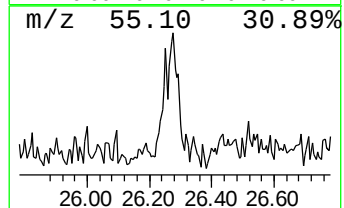
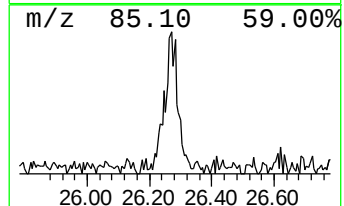
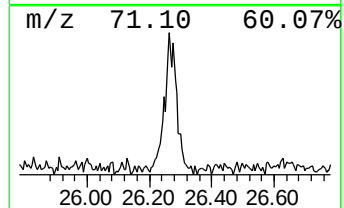
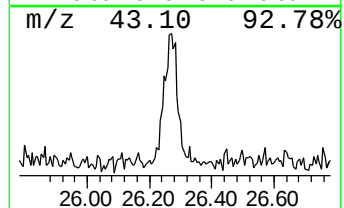
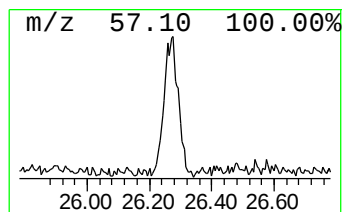
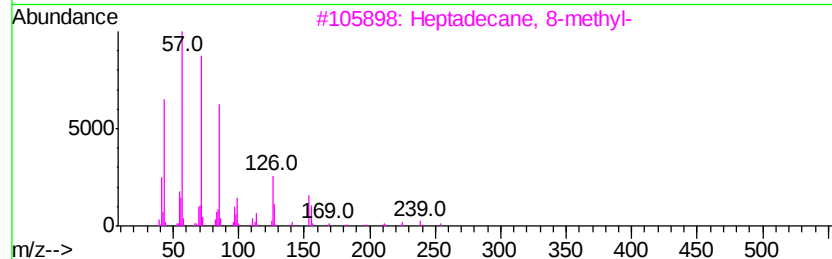
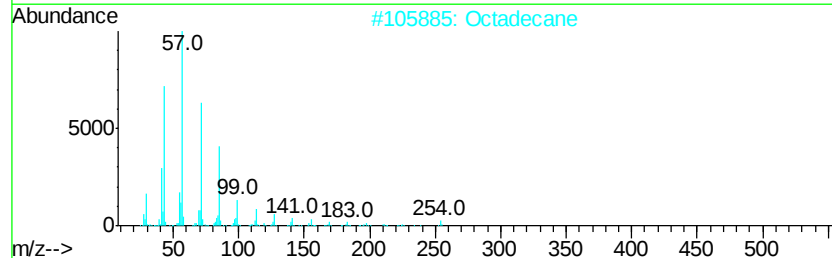
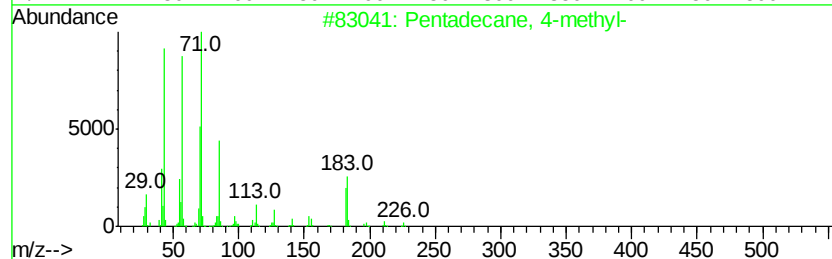
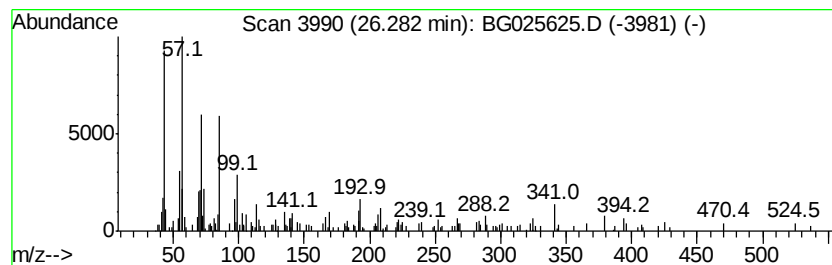
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	3.27 ng/ul	256889	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	70
2		Octadecane	254	C18H38	000593-45-3	62
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Hexatriacontane	507	C36H74	000630-06-8	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025625.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1315-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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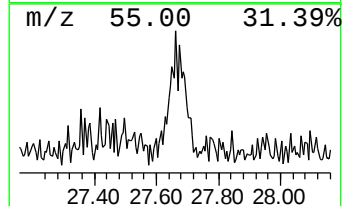
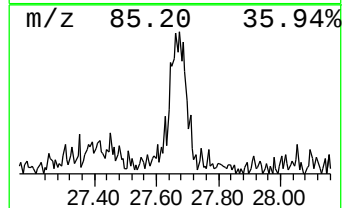
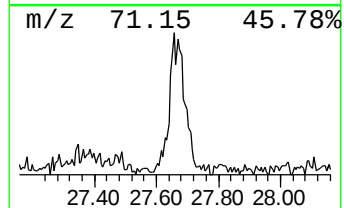
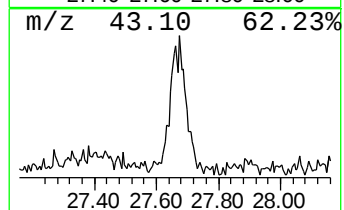
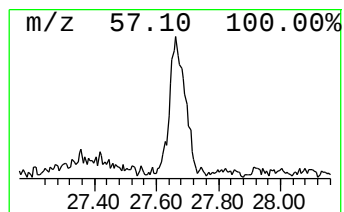
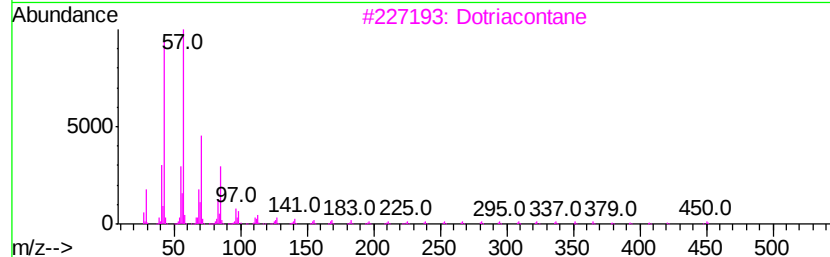
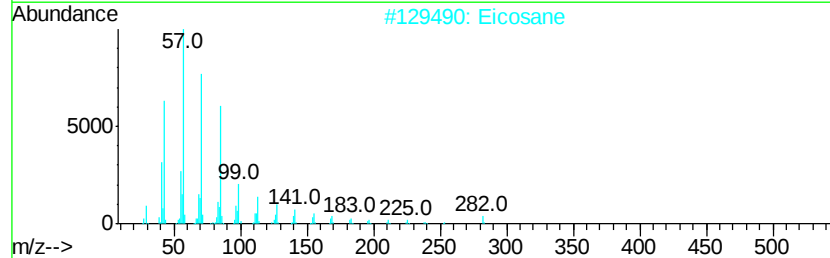
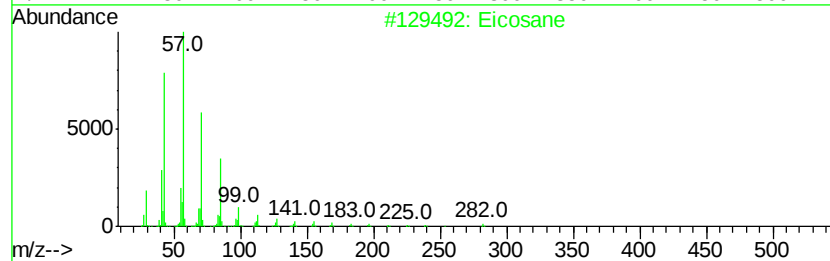
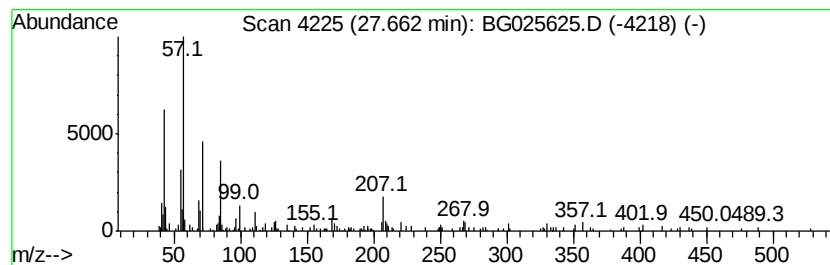
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	3.16 ng/ul	248567	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Eicosane	282	C20H42	000112-95-8	68
3		Dotriacontane	451	C32H66	000544-85-4	68
4		Tetradecane	198	C14H30	000629-59-4	68
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025625.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1315-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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...	16.45	2.1	ng/ul	137914	4	17.56	1305730	20.0
n-Hexadecanoic acid	18.40	3.6	ng/ul	235997	4	17.56	1305730	20.0
Hexadecanoic acid...	19.79	49.8	ng/ul	4018770	5	21.85	1615520	20.0
Octadecanoic acid...	20.83	40.8	ng/ul	3295880	5	21.85	1615520	20.0
(DEL) Alkane: Str...	25.10	2.6	ng/ul	202083	6	25.23	1571950	20.0
(DEL) Alkane: Str...	26.28	3.3	ng/ul	256889	6	25.23	1571950	20.0
(DEL) Alkane: Str...	27.66	3.2	ng/ul	248567	6	25.23	1571950	20.0