

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028505.D
 Acq On : 26 Aug 2017 00:20
 Operator : SJ/JU
 Sample : I4885-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AQ4

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.817	34	39	47	rVB5	10078	16134	1.01%	0.102%
2	4.099	82	87	95	rBV5	3274	9670	0.60%	0.061%
3	4.957	230	233	239	rVB3	2119	3460	0.22%	0.022%
4	5.457	311	318	322	rVB4	6513	12820	0.80%	0.081%
5	5.527	325	330	335	rBV6	3238	7217	0.45%	0.046%
6	6.262	451	455	463	rVB6	2051	5417	0.34%	0.034%
7	6.408	477	480	487	rVB5	2805	3859	0.24%	0.024%
8	6.843	548	554	556	rVB2	2050	3118	0.19%	0.020%
9	6.914	561	566	569	rBV4	1831	3460	0.22%	0.022%
10	7.202	611	615	618	rVB3	2065	3023	0.19%	0.019%
11	7.255	618	624	626	rBV2	2068	3206	0.20%	0.020%
12	7.490	655	664	679	rBV	185115	375389	23.38%	2.370%
13	7.654	684	692	702	rBV	129430	225463	14.05%	1.423%
14	7.871	720	729	741	rBV	173175	320888	19.99%	2.026%
15	8.342	799	809	822	rBV	113833	214554	13.37%	1.355%
16	8.565	843	847	851	rBV2	2331	3838	0.24%	0.024%
17	9.035	920	927	940	rBV2	234972	440740	27.46%	2.783%
18	9.511	1000	1008	1018	rBV	179274	344068	21.43%	2.172%
19	9.863	1061	1068	1070	rBV3	2754	4060	0.25%	0.026%
20	10.233	1120	1131	1140	rBV2	165104	317814	19.80%	2.007%
21	10.621	1191	1197	1199	rBV3	1968	3354	0.21%	0.021%
22	10.656	1199	1203	1208	rVB5	3983	6536	0.41%	0.041%
23	10.774	1213	1223	1233	rBV	246578	477923	29.77%	3.017%
24	11.156	1279	1288	1297	rVB2	172944	323842	20.17%	2.045%
25	11.291	1302	1311	1327	rVB	160225	316309	19.70%	1.997%
26	11.996	1426	1431	1432	rBV	2080	3053	0.19%	0.019%
27	12.137	1449	1455	1459	rVB4	3211	6923	0.43%	0.044%
28	12.313	1479	1485	1489	rBV6	2875	5052	0.31%	0.032%
29	12.601	1529	1534	1540	rBV5	4951	8681	0.54%	0.055%
30	12.719	1549	1554	1563	rBV6	5825	9322	0.58%	0.059%
31	13.165	1625	1630	1633	rVB3	2468	3583	0.22%	0.023%
32	13.212	1633	1638	1640	rBV3	2065	3412	0.21%	0.022%
33	13.295	1649	1652	1661	rVB6	4032	6795	0.42%	0.043%
34	13.383	1663	1667	1673	rBV4	2894	6925	0.43%	0.044%

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35	13.453	1673	1679	1683	rVV3	8388	12502	0.78%	0.079%
36	13.535	1688	1693	1698	rBV3	3489	5275	0.33%	0.033%
37	13.741	1722	1728	1733	rBV6	6774	15127	0.94%	0.096%
38	13.829	1737	1743	1746	rVB6	2216	4890	0.30%	0.031%
39	13.888	1751	1753	1761	rVB6	2514	5405	0.34%	0.034%
40	13.982	1766	1769	1776	rVB4	2086	3110	0.19%	0.020%
41	14.141	1787	1796	1804	rBV9	5151	13040	0.81%	0.082%
42	14.270	1806	1818	1821	rBV7	3173	9259	0.58%	0.058%
43	14.340	1821	1830	1834	rVV	535483	814925	50.77%	5.145%
44	14.387	1834	1838	1854	rVB	191546	307995	19.19%	1.945%
45	14.511	1854	1859	1862	rBV4	3565	6318	0.39%	0.040%
46	14.546	1862	1865	1870	rBV4	3033	5290	0.33%	0.033%
47	14.646	1870	1882	1893	rVB	543489	901581	56.16%	5.692%
48	14.799	1903	1908	1914	rVV	15656	20839	1.30%	0.132%
49	14.887	1918	1923	1924	rBV4	2783	4133	0.26%	0.026%
50	14.946	1926	1933	1946	rVB2	271609	478592	29.81%	3.022%
51	15.145	1959	1967	1979	rBV	182501	400928	24.98%	2.531%
52	15.298	1989	1993	1997	rBV4	5154	6568	0.41%	0.041%
53	15.416	2008	2013	2020	rBV6	9880	23092	1.44%	0.146%
54	15.557	2033	2037	2040	rVB5	3774	4590	0.29%	0.029%
55	15.750	2058	2070	2076	rBV	37394	59757	3.72%	0.377%
56	15.803	2076	2079	2084	rVB6	5427	7524	0.47%	0.048%
57	15.868	2087	2090	2093	rBV4	3503	4125	0.26%	0.026%
58	15.938	2095	2102	2110	rBV	780277	1184600	73.79%	7.479%
59	16.062	2117	2123	2132	rBV	233624	369889	23.04%	2.335%
60	16.156	2132	2139	2149	rVB3	22112	53365	3.32%	0.337%
61	16.250	2152	2155	2160	rVV4	4480	6408	0.40%	0.040%
62	16.309	2160	2165	2172	rVV7	6646	11303	0.70%	0.071%
63	16.373	2172	2176	2182	rVB6	8560	12580	0.78%	0.079%
64	16.614	2211	2217	2227	rBV2	50920	127892	7.97%	0.807%
65	16.890	2262	2264	2269	rVB4	5674	4736	0.30%	0.030%
66	16.955	2271	2275	2280	rBV4	6840	10921	0.68%	0.069%
67	17.014	2282	2285	2290	rVB6	6395	9823	0.61%	0.062%
68	17.067	2291	2294	2298	rVB5	5164	5842	0.36%	0.037%
69	17.119	2299	2303	2306	rVB5	7393	10717	0.67%	0.068%
70	17.184	2311	2314	2317	rBV5	5071	5428	0.34%	0.034%
71	17.231	2320	2322	2325	rVB4	4817	5218	0.33%	0.033%

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72	17.296	2325	2333	2334	rVB8	3610	8408	0.52%	0.053%
73	17.407	2347	2352	2356	rBV	42442	57865	3.60%	0.365%
74	17.454	2356	2360	2366	rVV3	20912	29289	1.82%	0.185%
75	17.701	2395	2402	2411	rBV2	386712	602576	37.54%	3.804%
76	17.801	2411	2419	2427	rVB	867524	1331628	82.95%	8.407%
77	17.877	2428	2432	2437	rVB8	5067	8485	0.53%	0.054%
78	17.948	2441	2444	2446	rBV4	6758	7062	0.44%	0.045%
79	18.065	2460	2464	2469	rBV6	7732	9496	0.59%	0.060%
80	18.148	2474	2478	2483	rVB2	27514	37319	2.32%	0.236%
81	18.383	2516	2518	2520	rBV2	2832	3221	0.20%	0.020%
82	18.506	2536	2539	2541	rBV4	5392	5604	0.35%	0.035%
83	18.547	2541	2546	2556	rBV	79494	144368	8.99%	0.911%
84	18.753	2578	2581	2585	rBV6	8098	12693	0.79%	0.080%
85	18.829	2591	2594	2599	rVB	20236	23354	1.45%	0.147%
86	18.923	2606	2610	2612	rBV5	7435	10461	0.65%	0.066%
87	19.293	2668	2673	2677	rVB7	5820	10374	0.65%	0.065%
88	19.452	2696	2700	2709	rBV3	14330	26193	1.63%	0.165%
89	19.664	2734	2736	2739	rBV4	7011	9592	0.60%	0.061%
90	19.805	2756	2760	2769	rBV6	32014	48885	3.05%	0.309%
91	19.963	2783	2787	2795	rVB6	17296	26987	1.68%	0.170%
92	20.028	2795	2798	2799	rBV2	9636	8154	0.51%	0.051%
93	20.075	2799	2806	2816	rVV	1070383	1593009	99.24%	10.057%
94	21.602	3061	3066	3073	rBV3	46345	76069	4.74%	0.480%
95	22.031	3132	3139	3150	rVB	415750	743858	46.34%	4.696%
96	25.304	3683	3696	3709	rBV2	506612	1605279	100.00%	10.135%
97	25.463	3720	3723	3726	rBV4	24700	40927	2.55%	0.258%
98	25.539	3727	3736	3749	rVB2	213417	700283	43.62%	4.421%
99	26.702	3927	3934	3945	rVB5	38915	110564	6.89%	0.698%
100	28.171	4177	4184	4195	rVB10	33982	113622	7.08%	0.717%

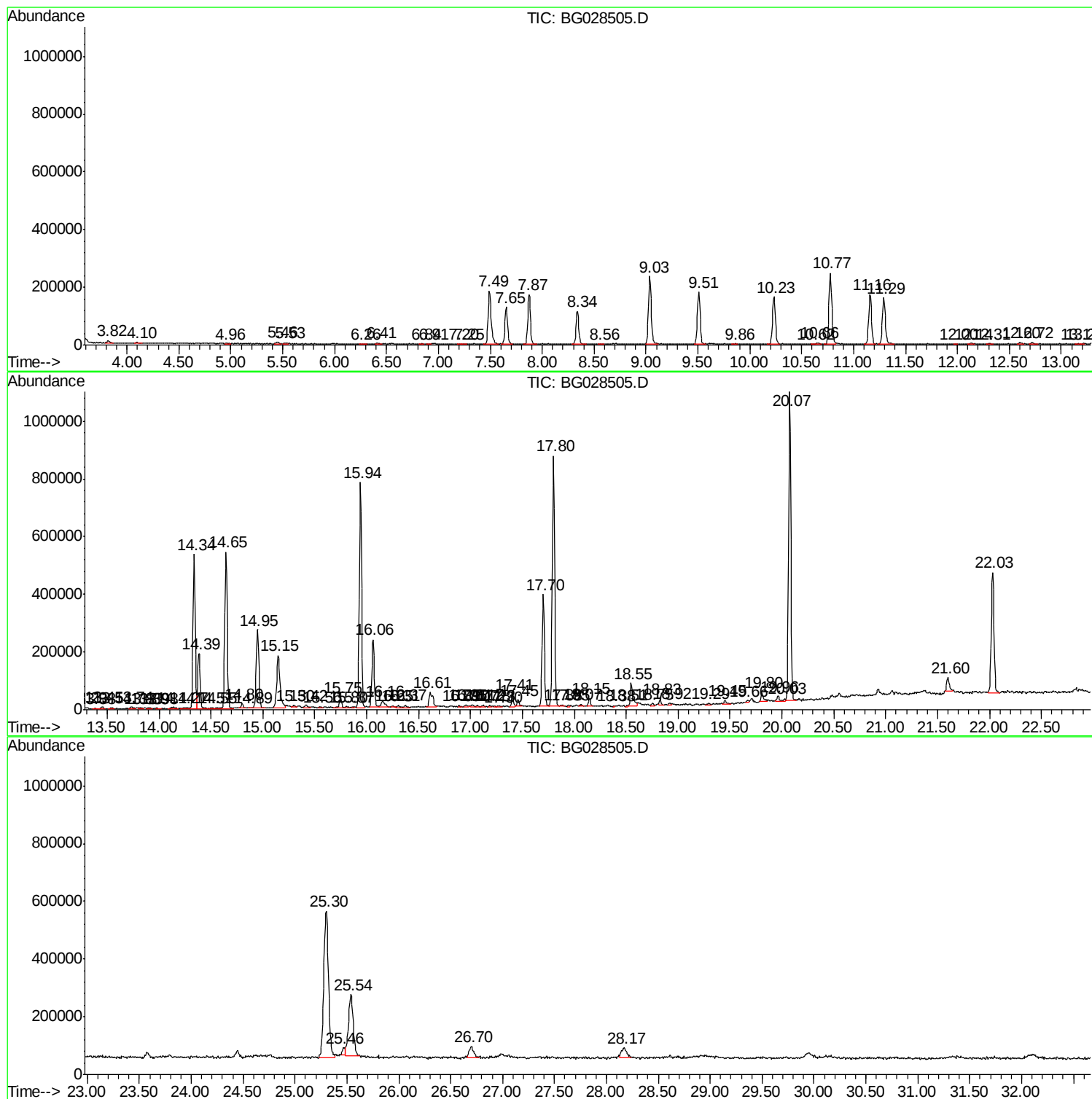
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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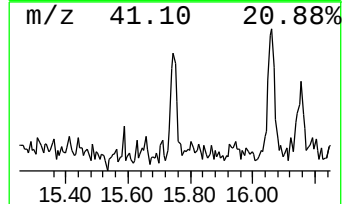
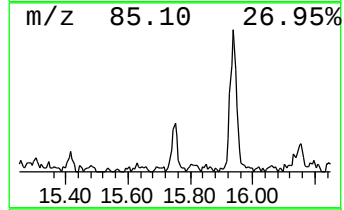
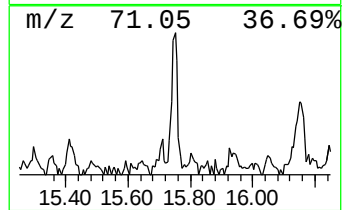
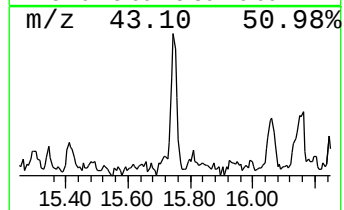
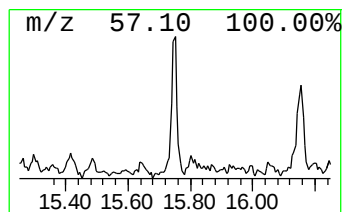
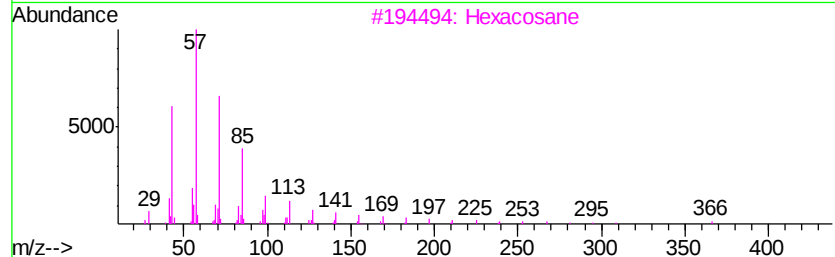
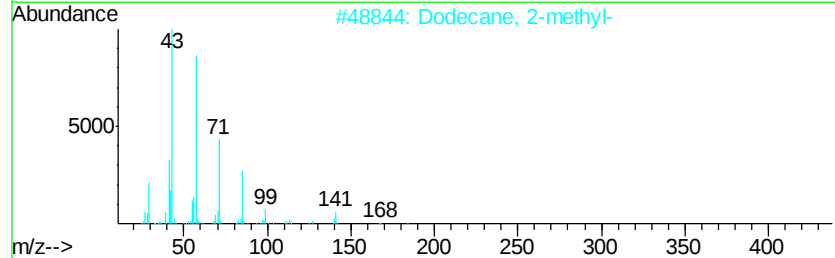
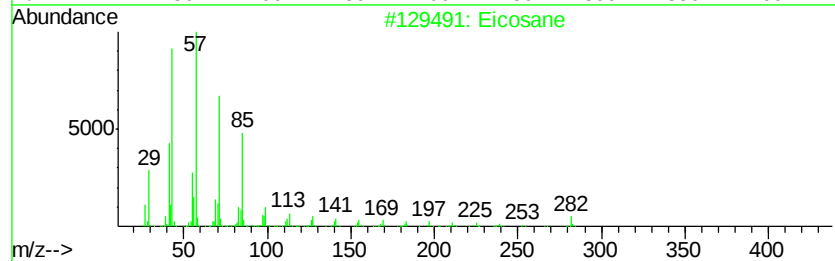
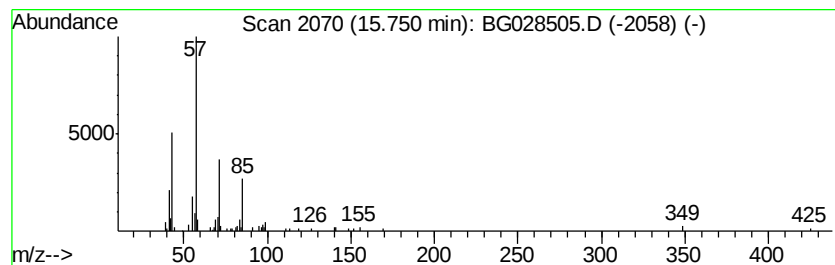
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.50 ng/ul	59757	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3		Hexacosane	366	C26H54	000630-01-3	59
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53



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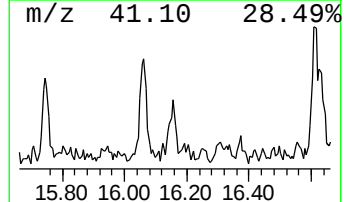
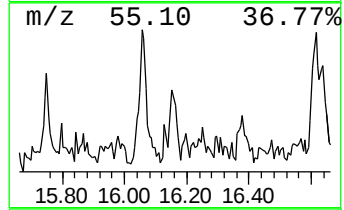
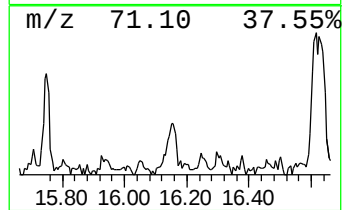
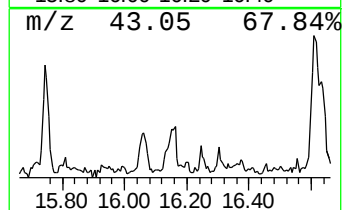
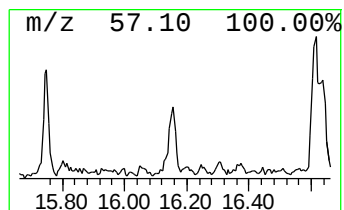
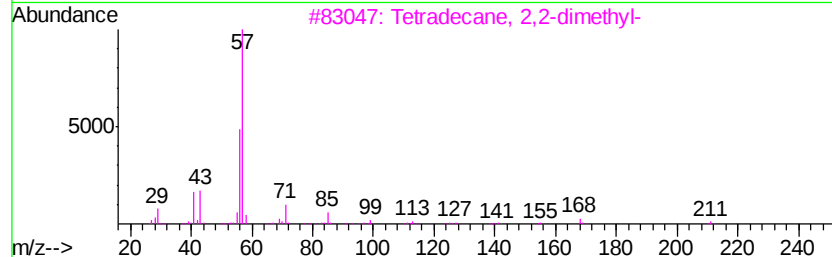
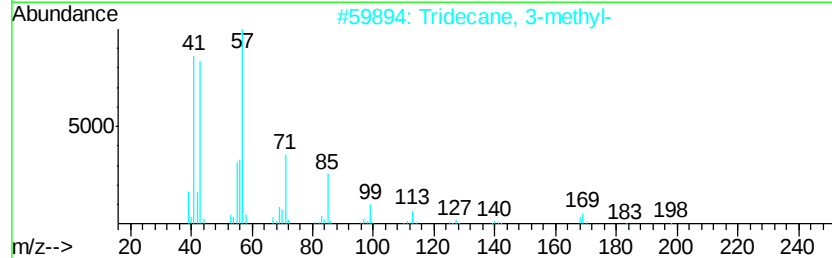
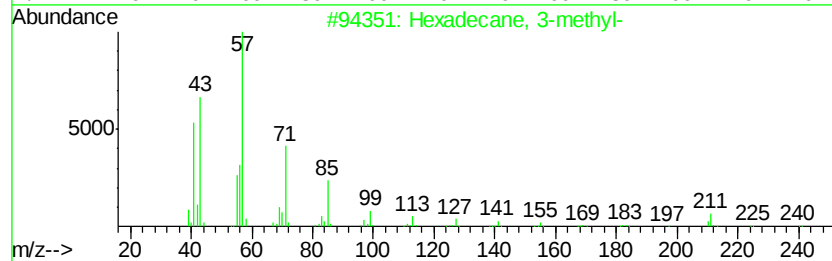
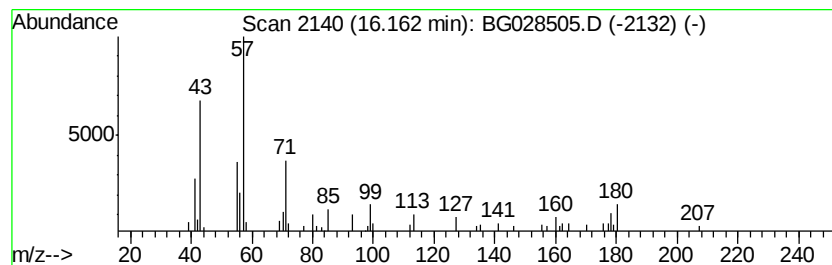
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.23 ng/ul	53365	Acenaphthene-d10	14.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecane, 3-methyl-	240 C17H36	006418-43-5 59
2		Tridecane, 3-methyl-	198 C14H30	006418-41-3 53
3		Tetradecane, 2,2-dimethyl-	226 C16H34	059222-86-5 50
4		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 47
5		Sulfurous acid, butyl undecyl ester	292 C15H32O3S	1000309-17-8 47



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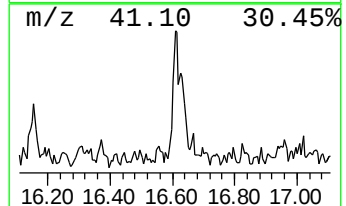
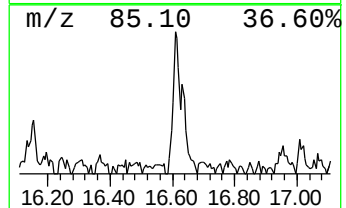
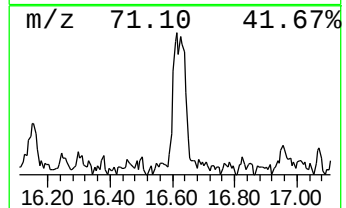
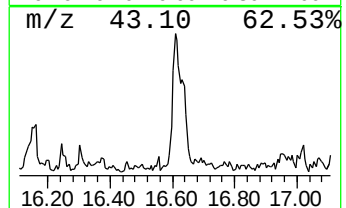
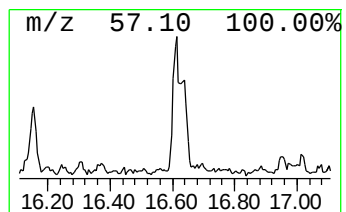
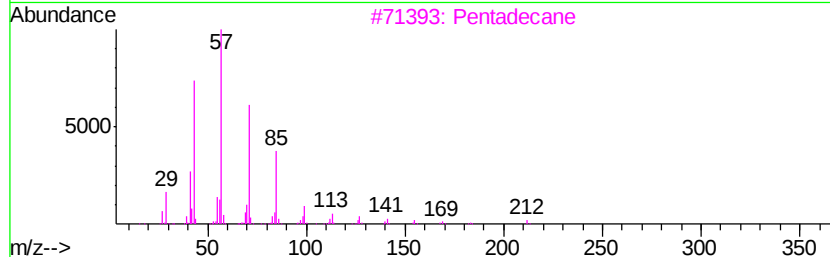
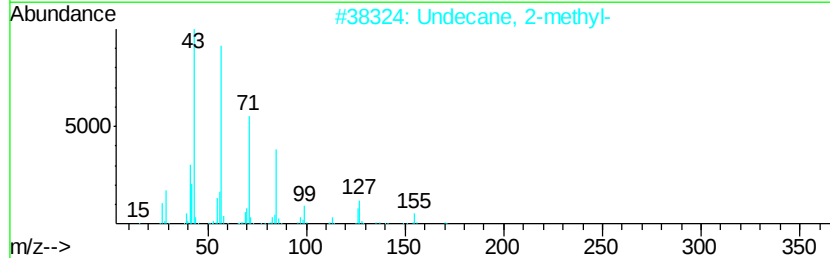
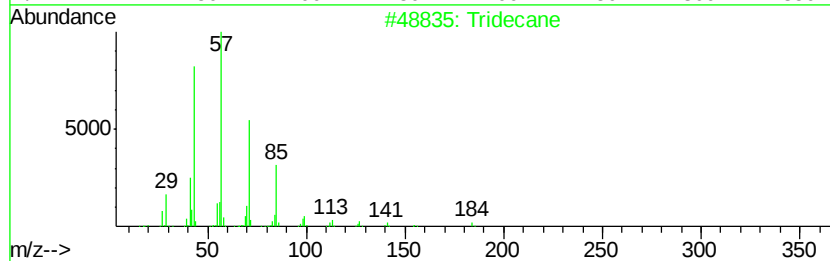
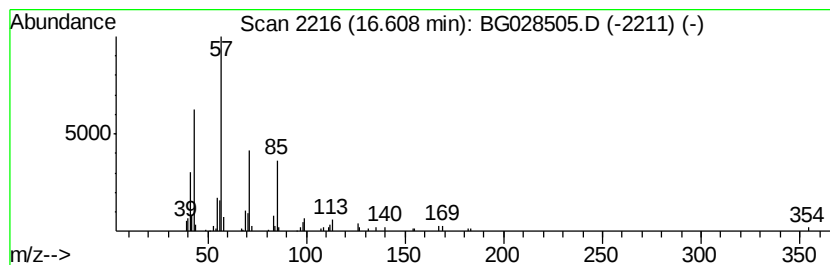
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	4.24 ng/ul	127892	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	81
2	Undecane, 2-methyl-		170	C12H26	007045-71-8	80
3	Pentadecane		212	C15H32	000629-62-9	80
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	64
5	Nonadecane		268	C19H40	000629-92-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028505.D
Acq On : 26 Aug 2017 00:20
Operator : SJ/JU
Sample : I4885-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AQ4

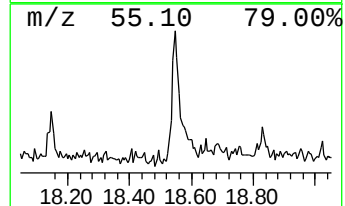
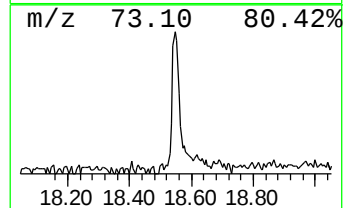
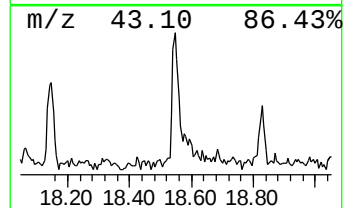
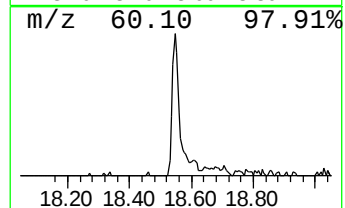
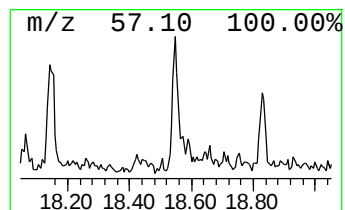
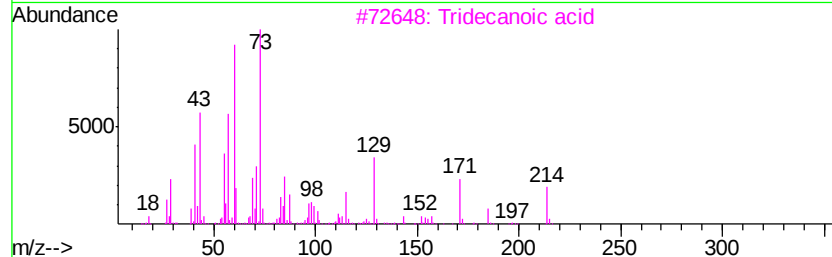
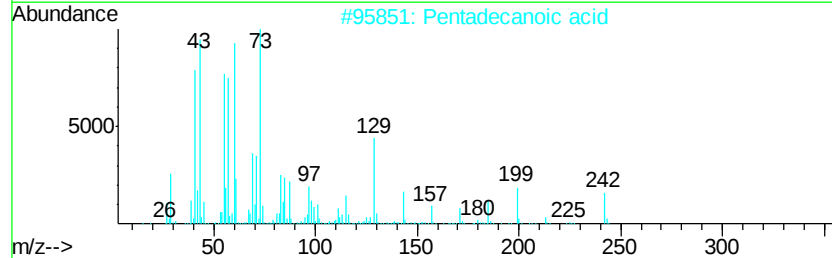
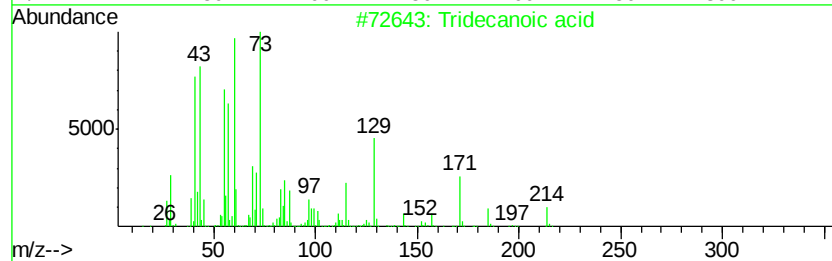
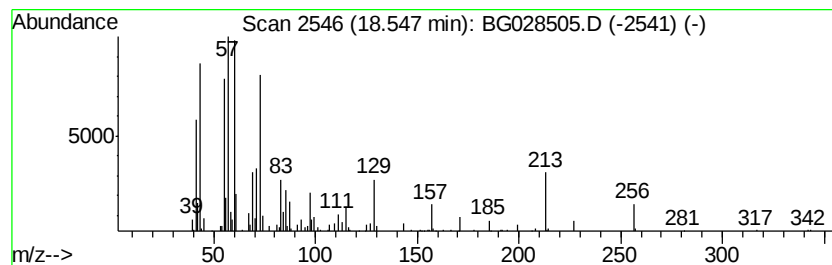
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.79 ng/ul	144368	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59	



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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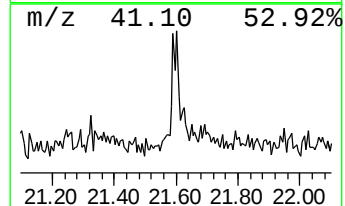
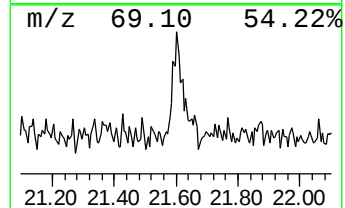
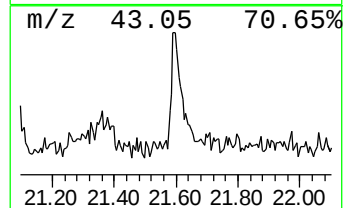
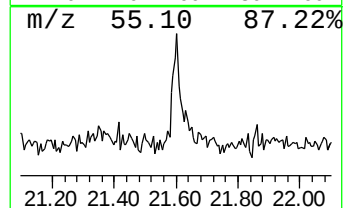
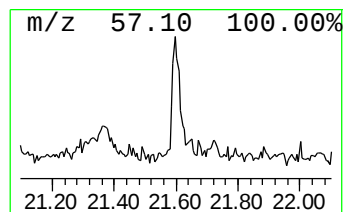
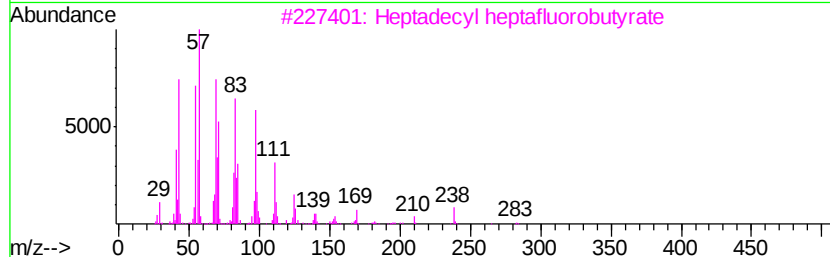
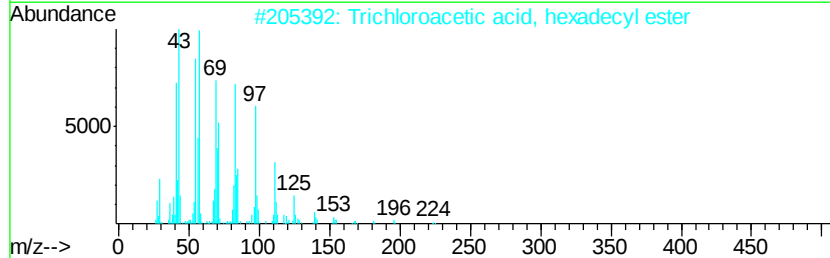
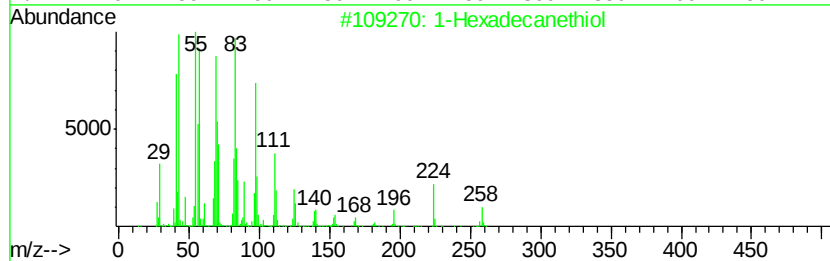
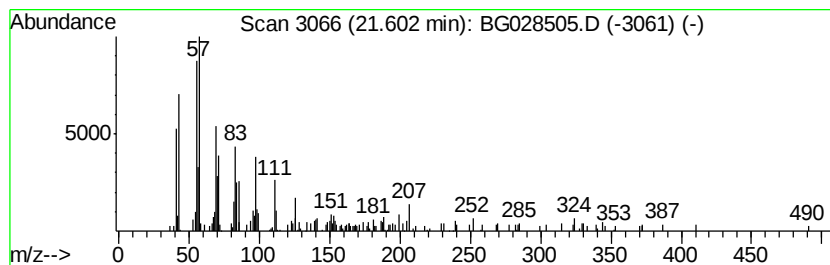
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Hexadecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.05 ng/ul	76069	Chrysene-d12	22.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol		258	C16H34S	002917-26-2	93
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	87
3	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	87
4	E-7-Octadecene		252	C18H36	1000130-92-0	86
5	1-Octadecene		252	C18H36	000112-88-9	86



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Acq On : 26 Aug 2017 00:20
Operator : SJ/JU
Sample : I4885-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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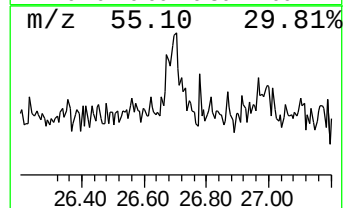
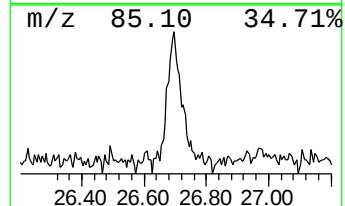
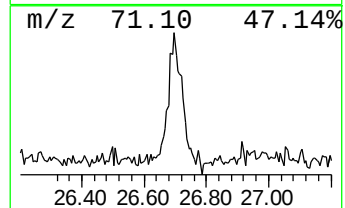
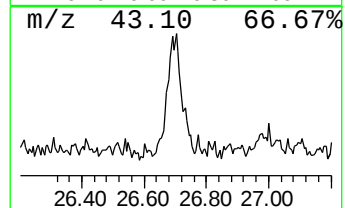
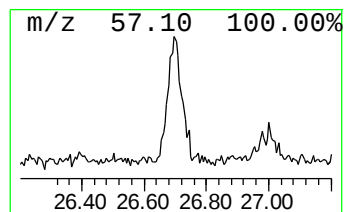
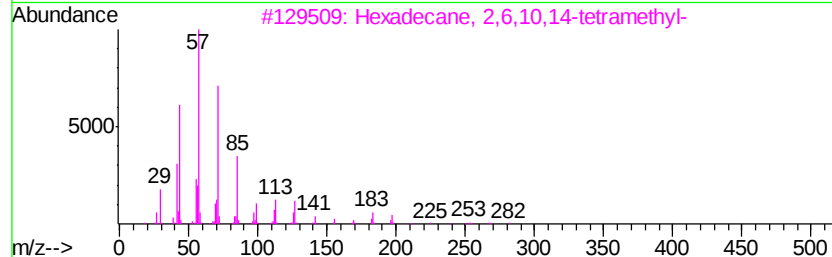
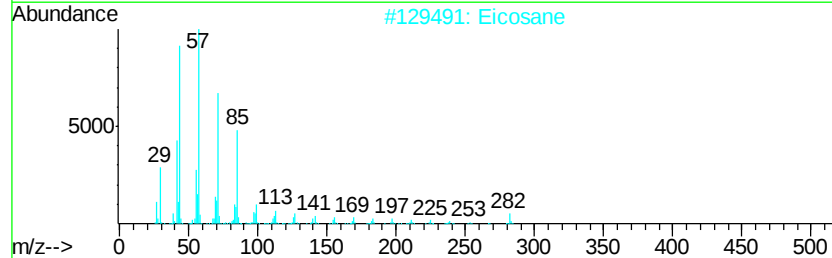
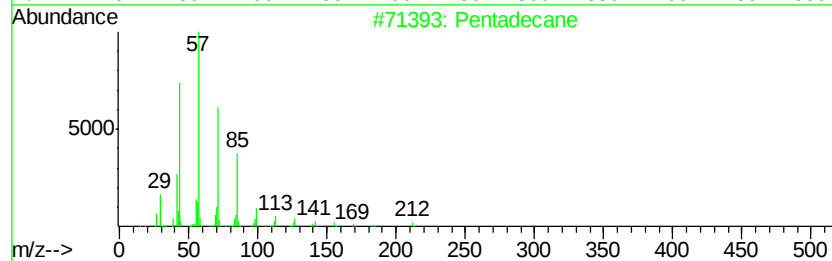
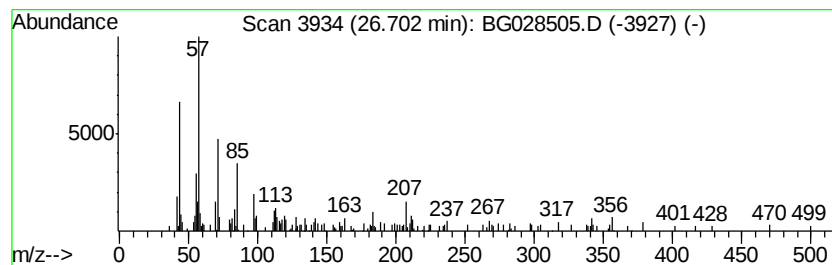
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	3.16 ng/ul	110564	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	58
2			Eicosane	282	C20H42	000112-95-8	58
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4			Pentadecane	212	C15H32	000629-62-9	52
5			Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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Operator : SJ/JU
Sample : I4885-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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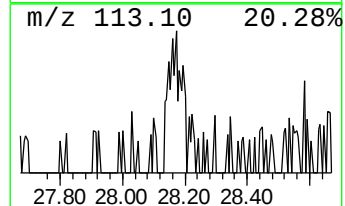
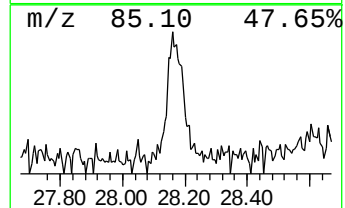
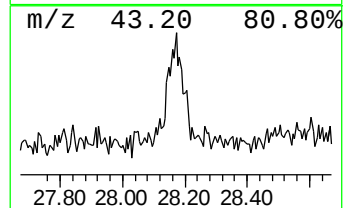
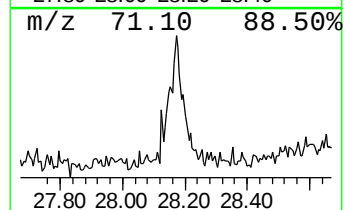
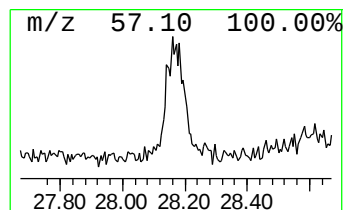
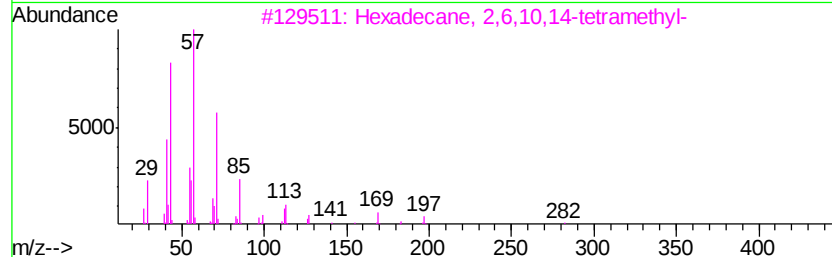
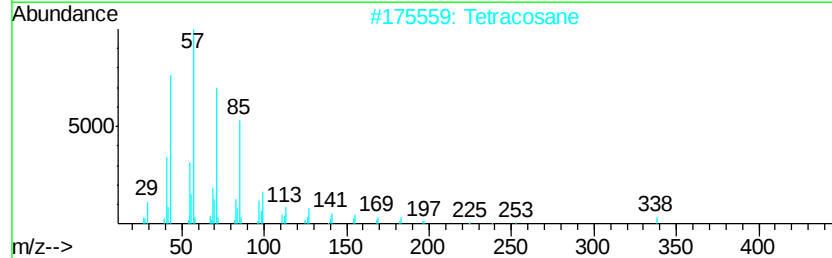
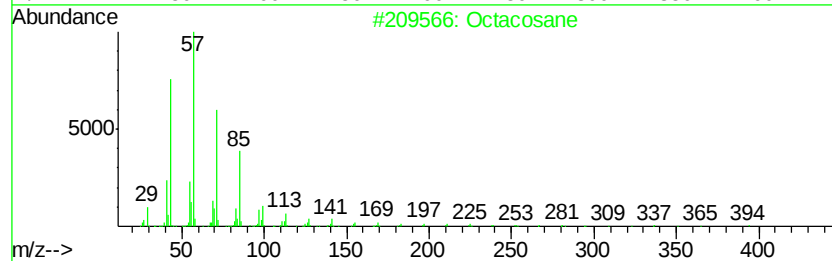
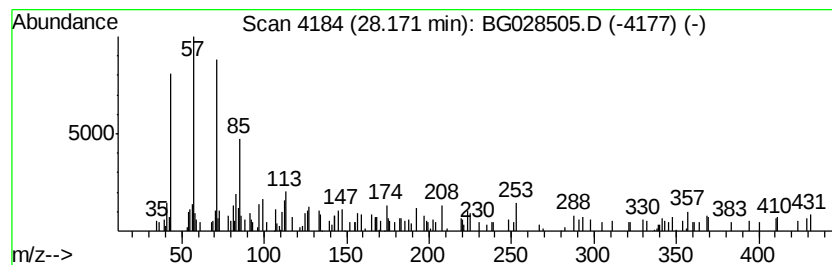
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.17	3.25 ng/ul	113622	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	83
2			Tetracosane	338	C24H50	000646-31-1	64
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4			Heptacosane	380	C27H56	000593-49-7	58
5			Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	52



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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	15.75	2.5	ng/ul	59757	3	14.95	478592	20.0
(DEL) Alkane: Str...	16.16	2.2	ng/ul	53365	3	14.95	478592	20.0
(DEL) Alkane: Str...	16.61	4.2	ng/ul	127892	4	17.70	602576	20.0
Tridecanoic acid	18.55	4.8	ng/ul	144368	4	17.70	602576	20.0
1-Hexadecanethiol	21.60	2.0	ng/ul	76069	5	22.03	743858	20.0
(DEL) Alkane: Str...	26.70	3.2	ng/ul	110564	6	25.54	700283	20.0
(DEL) Alkane: Str...	28.17	3.3	ng/ul	113622	6	25.54	700283	20.0