

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028277.D
 Acq On : 11 Aug 2017 3:16
 Operator : SJ/JU
 Sample : I4504-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB7

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	3.846	37	44	52	rVB5	6900	12737	1.09%	0.087%
2	4.140	91	94	99	rVB3	2820	4017	0.34%	0.027%
3	4.352	126	130	135	rVB3	3244	3938	0.34%	0.027%
4	4.569	164	167	171	rVV4	2388	3863	0.33%	0.026%
5	4.904	222	224	226	rBV3	2684	2509	0.22%	0.017%
6	5.462	312	319	324	rVB5	3764	7787	0.67%	0.053%
7	5.909	393	395	403	rVB3	1528	3089	0.27%	0.021%
8	6.038	412	417	421	rVB3	1594	2465	0.21%	0.017%
9	6.555	501	505	512	rVB4	1817	2960	0.25%	0.020%
10	6.619	512	516	523	rVV4	1861	4023	0.35%	0.027%
11	7.178	606	611	617	rVB4	1948	2521	0.22%	0.017%
12	7.501	656	666	679	rBV	124143	252842	21.71%	1.718%
13	7.671	685	695	709	rBV	101758	181069	15.55%	1.231%
14	7.889	723	732	741	rVV	123676	222748	19.13%	1.514%
15	8.359	800	812	825	rBV	173408	318943	27.39%	2.168%
16	9.046	920	929	942	rBV2	86890	170803	14.67%	1.161%
17	9.193	949	954	958	rBV4	3844	6038	0.52%	0.041%
18	9.522	1001	1010	1021	rBV2	130367	258816	22.23%	1.759%
19	9.874	1067	1070	1080	rVB5	1564	3552	0.31%	0.024%
20	10.245	1125	1133	1147	rVB3	117817	227586	19.54%	1.547%
21	10.785	1214	1225	1239	rBV	168669	324491	27.87%	2.205%
22	11.173	1283	1291	1301	rVB	276290	502028	43.11%	3.412%
23	11.302	1306	1313	1331	rBV	110033	234348	20.12%	1.593%
24	11.543	1348	1354	1356	rBV2	1876	3490	0.30%	0.024%
25	12.612	1531	1536	1542	rVB3	2917	5787	0.50%	0.039%
26	12.736	1552	1557	1566	rVV4	3290	6653	0.57%	0.045%
27	13.024	1603	1606	1611	rBV3	1345	2482	0.21%	0.017%
28	13.306	1651	1654	1660	rBV	2864	3462	0.30%	0.024%
29	13.553	1692	1696	1704	rBV4	3132	5954	0.51%	0.040%
30	13.746	1725	1729	1738	rVB3	2247	4310	0.37%	0.029%
31	14.346	1824	1831	1836	rVV	383000	595043	51.10%	4.044%
32	14.393	1836	1839	1851	rVB	119985	170741	14.66%	1.160%
33	14.657	1874	1884	1892	rBV	391002	625337	53.70%	4.250%
34	14.810	1906	1910	1915	rBV2	3908	5501	0.47%	0.037%

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35	14.957	1922	1935	1947	rBV2	453316	768091	65.96%	5.220%
36	15.151	1960	1968	1988	rBV	100972	234465	20.13%	1.593%
37	15.298	1991	1993	1998	rVB4	1878	3375	0.29%	0.023%
38	15.362	1998	2004	2011	rVB8	8821	19357	1.66%	0.132%
39	15.427	2011	2015	2023	rVB5	2680	6476	0.56%	0.044%
40	15.679	2053	2058	2062	rBV2	2873	5991	0.51%	0.041%
41	15.762	2068	2072	2078	rVB5	8229	11025	0.95%	0.075%
42	15.879	2088	2092	2094	rBV3	2749	3020	0.26%	0.021%
43	15.950	2094	2104	2114	rVB	524385	849851	72.98%	5.776%
44	16.055	2114	2122	2131	rBV	190372	310378	26.65%	2.109%
45	16.179	2139	2143	2152	rVB5	6699	13019	1.12%	0.088%
46	16.379	2175	2177	2182	rVB3	2921	3233	0.28%	0.022%
47	16.561	2203	2208	2213	rVB6	3982	6678	0.57%	0.045%
48	16.620	2213	2218	2228	rBV4	10657	26539	2.28%	0.180%
49	16.931	2263	2271	2273	rBV9	4921	10491	0.90%	0.071%
50	16.990	2275	2281	2283	rBV7	8070	15227	1.31%	0.103%
51	17.231	2318	2322	2324	rBV5	6048	7215	0.62%	0.049%
52	17.348	2334	2342	2344	rBV9	9064	23467	2.02%	0.159%
53	17.419	2350	2354	2357	rBV5	11736	18929	1.63%	0.129%
54	17.706	2394	2403	2413	rVV2	619882	1006961	86.47%	6.843%
55	17.806	2413	2420	2430	rVB	610271	937783	80.53%	6.373%
56	17.959	2444	2446	2451	rVB4	3844	4429	0.38%	0.030%
57	18.047	2458	2461	2466	rVB4	2716	4214	0.36%	0.029%
58	18.153	2476	2479	2485	rVB3	5362	8970	0.77%	0.061%
59	18.353	2508	2513	2516	rVB4	2825	4614	0.40%	0.031%
60	18.447	2528	2529	2535	rVB3	3445	5348	0.46%	0.036%
61	18.494	2535	2537	2542	rBV3	2638	4313	0.37%	0.029%
62	18.558	2542	2548	2559	rBV3	64649	143807	12.35%	0.977%
63	18.711	2571	2574	2576	rVB4	3064	2974	0.26%	0.020%
64	18.840	2591	2596	2603	rVB6	7627	15613	1.34%	0.106%
65	18.946	2607	2614	2621	rBV9	5828	18674	1.60%	0.127%
66	19.075	2631	2636	2639	rBV7	5263	7744	0.67%	0.053%
67	19.216	2655	2660	2665	rVB6	4380	8035	0.69%	0.055%
68	19.410	2689	2693	2694	rBV5	2975	3304	0.28%	0.022%
69	19.457	2698	2701	2709	rVB8	10478	17463	1.50%	0.119%
70	19.546	2713	2716	2719	rBV4	3596	3885	0.33%	0.026%
71	19.640	2719	2732	2733	rBV9	21381	66128	5.68%	0.449%

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72	19.739	2734	2749	2752	rBV10	53385	203724	17.49%	1.385%
73	19.816	2758	2762	2783	rVB5	105268	285935	24.55%	1.943%
74	20.033	2797	2799	2801	rVB2	10436	8730	0.75%	0.059%
75	20.080	2801	2807	2815	rVB	735135	1082898	92.99%	7.360%
76	20.480	2873	2875	2881	rVB7	4882	7463	0.64%	0.051%
77	20.556	2886	2888	2896	rVB7	9075	12944	1.11%	0.088%
78	20.756	2919	2922	2928	rVB8	11451	19864	1.71%	0.135%
79	21.003	2962	2964	2966	rBV3	10014	6757	0.58%	0.046%
80	21.073	2969	2976	2979	rVB7	15858	29275	2.51%	0.199%
81	21.379	3019	3028	3039	rBV9	16274	58824	5.05%	0.400%
82	21.608	3063	3067	3077	rBV9	21450	51698	4.44%	0.351%
83	21.766	3092	3094	3099	rVB6	9170	13850	1.19%	0.094%
84	21.878	3109	3113	3117	rVB7	11748	14979	1.29%	0.102%
85	22.037	3133	3140	3149	rVB	624239	1115261	95.77%	7.580%
86	22.166	3158	3162	3163	rBV4	9084	10803	0.93%	0.073%
87	22.836	3274	3276	3281	rBV6	10436	16045	1.38%	0.109%
88	23.588	3396	3404	3413	rVB3	25007	61520	5.28%	0.418%
89	23.799	3437	3440	3445	rBV7	7857	11811	1.01%	0.080%
90	24.457	3546	3552	3560	rVB2	75182	160110	13.75%	1.088%
91	25.292	3683	3694	3706	rBV2	329678	1003637	86.19%	6.821%
92	25.538	3719	3736	3750	rVB2	335473	1164473	100.00%	7.914%
93	25.809	3780	3782	3783	rBV2	8631	6563	0.56%	0.045%
94	26.719	3925	3937	3948	rVB3	50072	168017	14.43%	1.142%
95	26.860	3953	3961	3973	rVB3	19153	59845	5.14%	0.407%
96	27.718	4105	4107	4110	rBV4	5457	5526	0.47%	0.038%
97	28.194	4176	4188	4202	rVB4	45405	172594	14.82%	1.173%
98	29.193	4356	4358	4359	rBV2	6318	6138	0.53%	0.042%
99	29.974	4480	4491	4504	rBV6	30124	124253	10.67%	0.844%
100	32.113	4845	4855	4856	rBV7	21213	47576	4.09%	0.323%

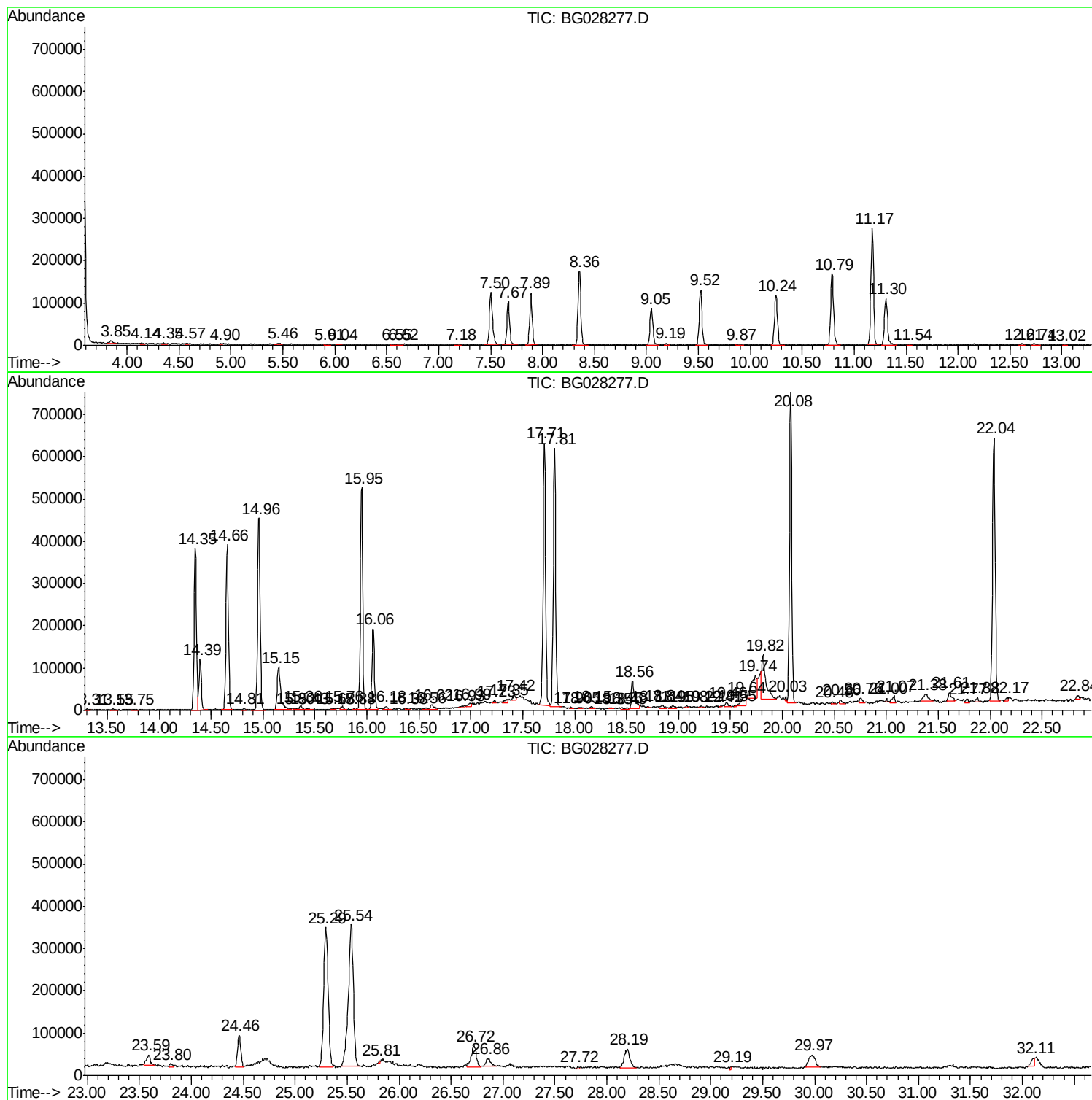
Sum of corrected areas: 14714132

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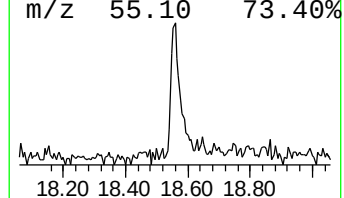
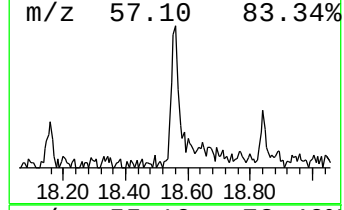
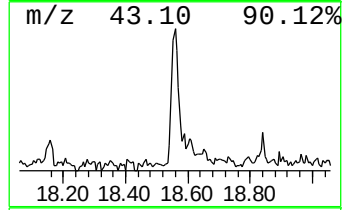
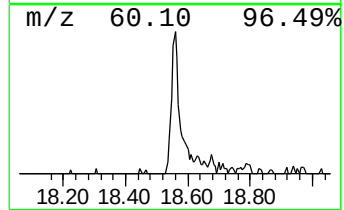
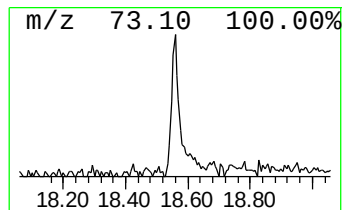
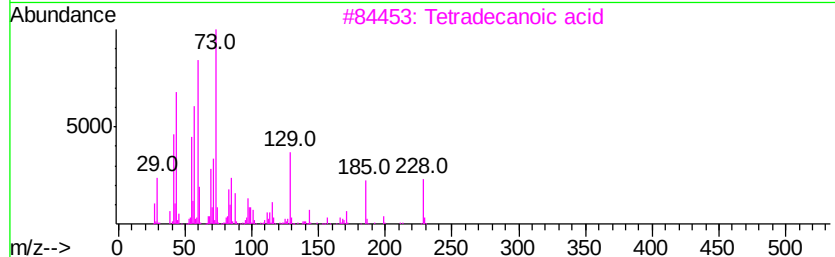
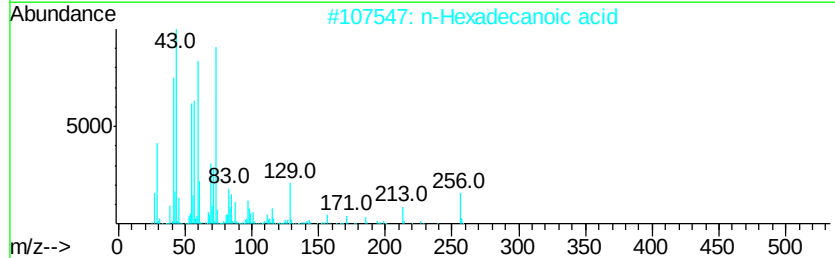
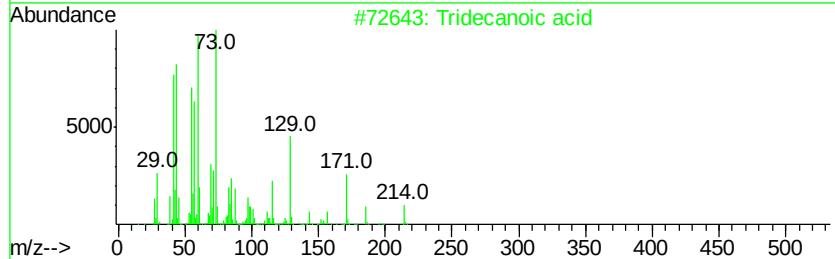
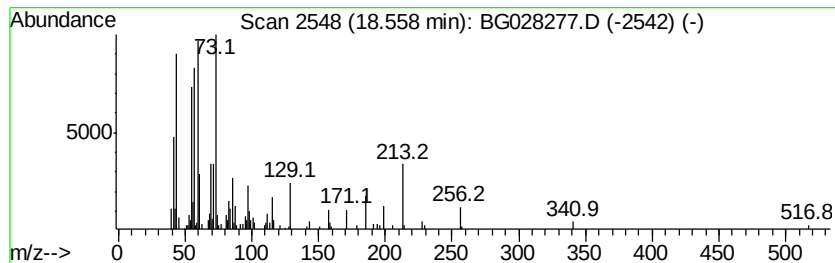
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.86 ng/ul	143807	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	50



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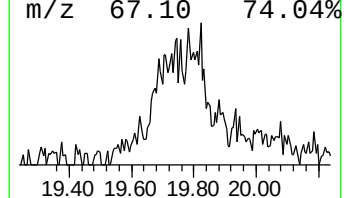
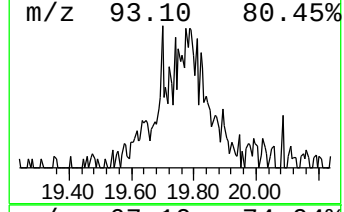
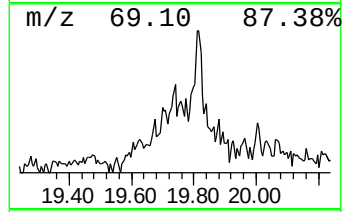
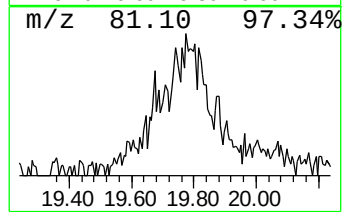
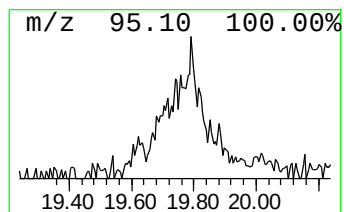
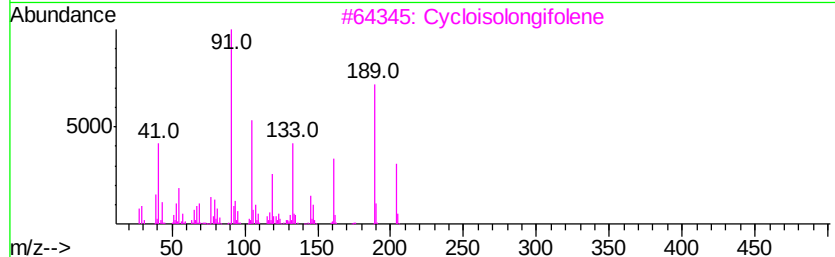
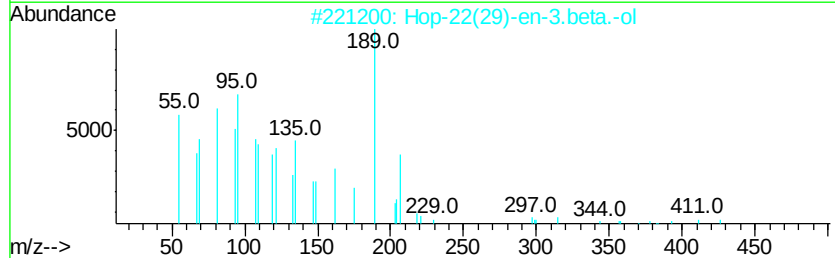
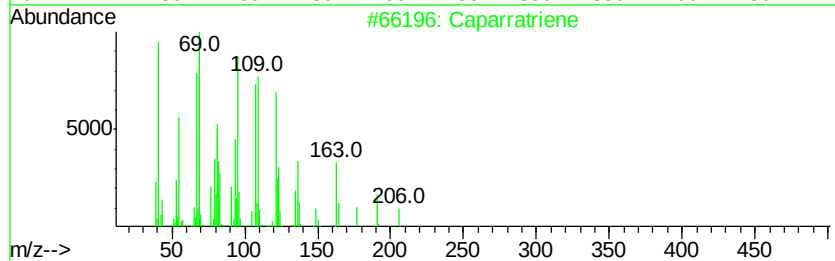
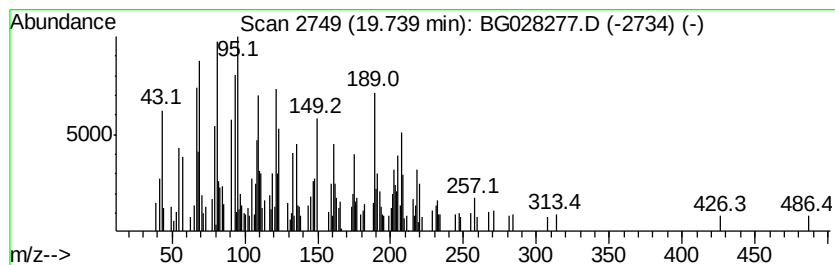
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Caparratriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	4.05 ng/ul	203724	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Caparratriene	206	C15H26	1000374-08-7	52
2		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	30
3		Cycloisolongifolene	204	C15H24	1000151-99-7	25
4		10.alpha.-Eremophilane	208	C15H28	003242-05-5	25
5		Cyclohexanepropanol, 2,2-dimethy...	182	C12H22O	095452-04-3	25



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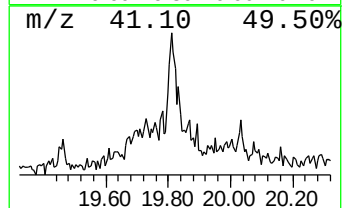
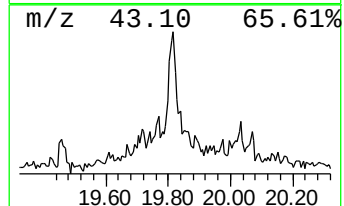
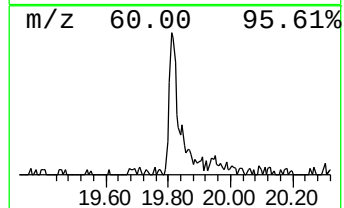
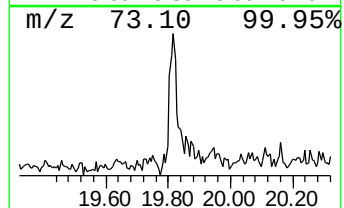
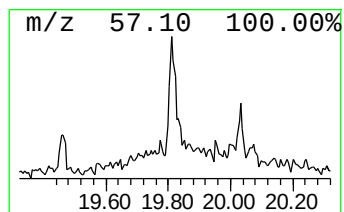
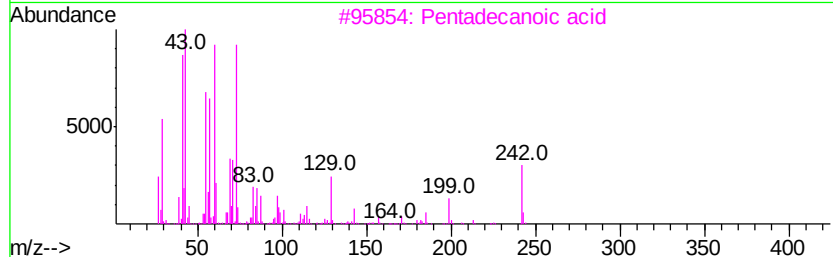
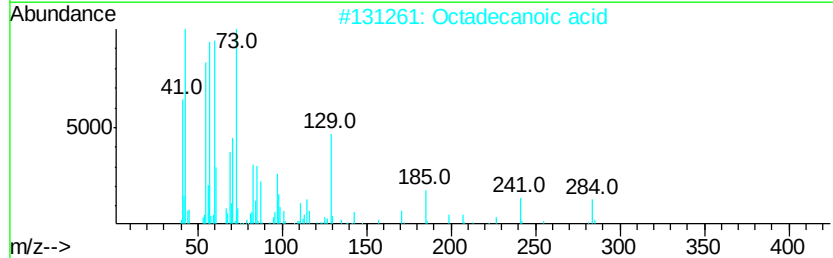
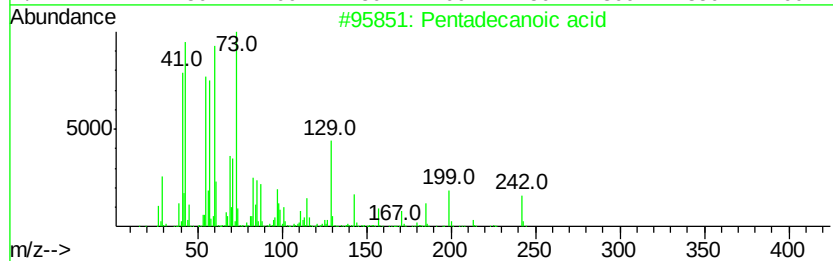
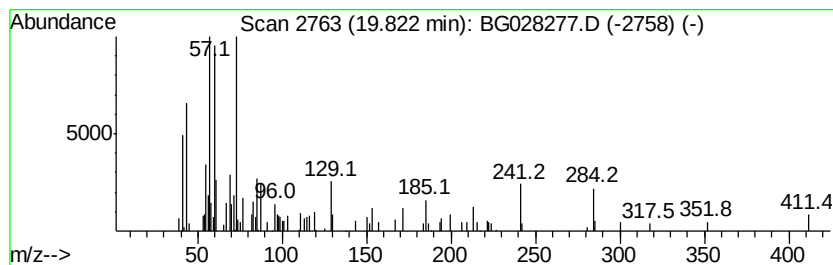
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Peak Number 3 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.82	5.68 ng/ul	285935	Phenanthrene-d10		17.71		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	74



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Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

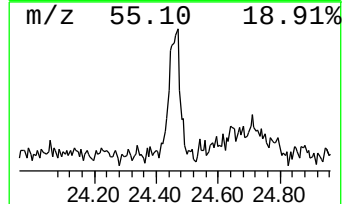
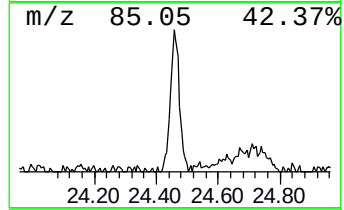
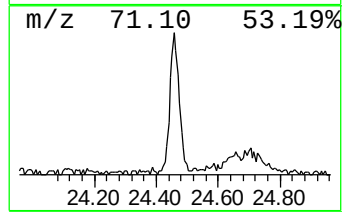
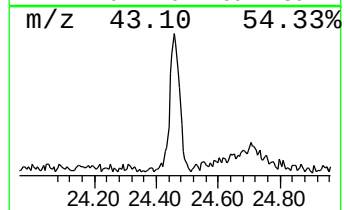
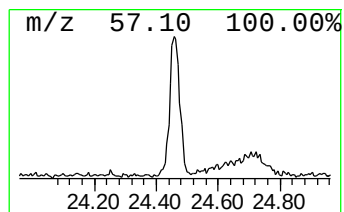
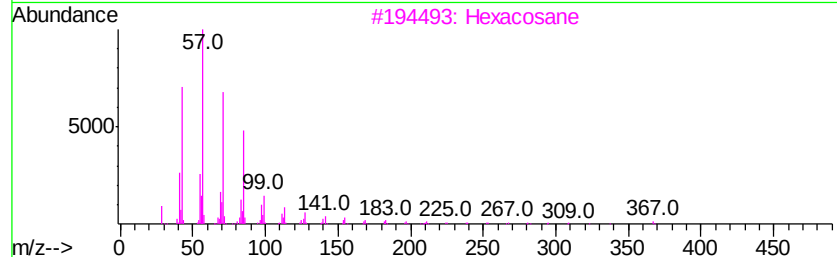
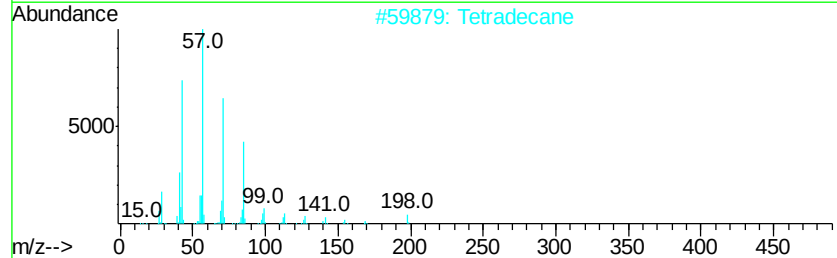
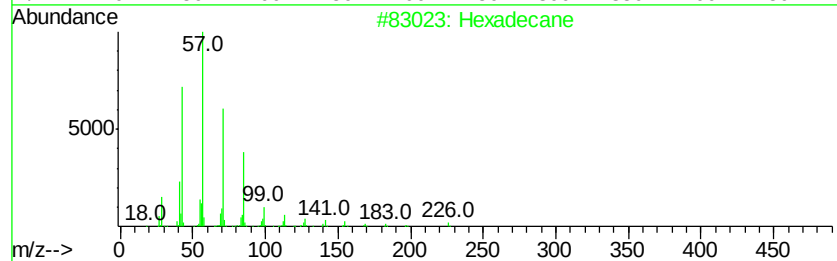
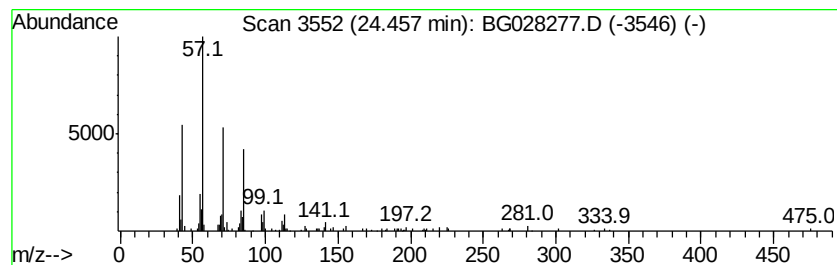
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.75 ng/ul	160110	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Tetradecane	198	C14H30	000629-59-4	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

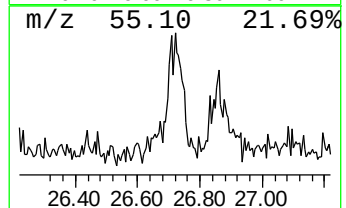
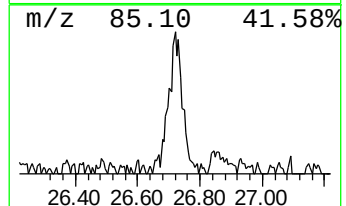
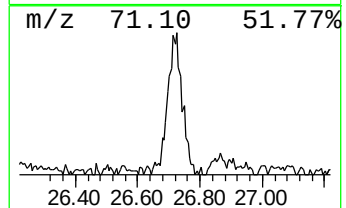
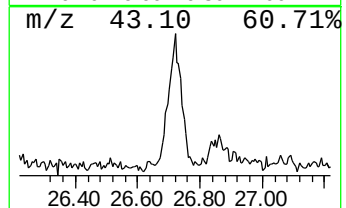
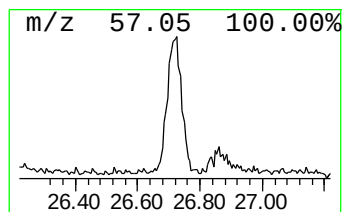
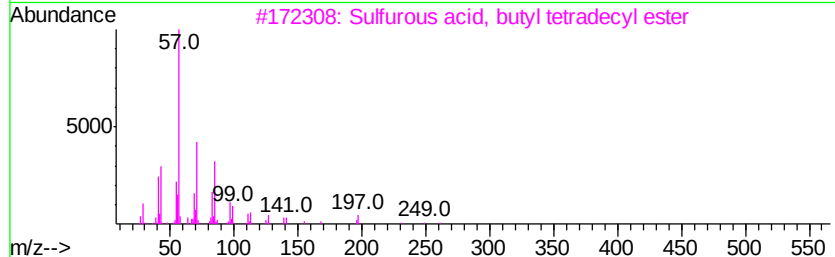
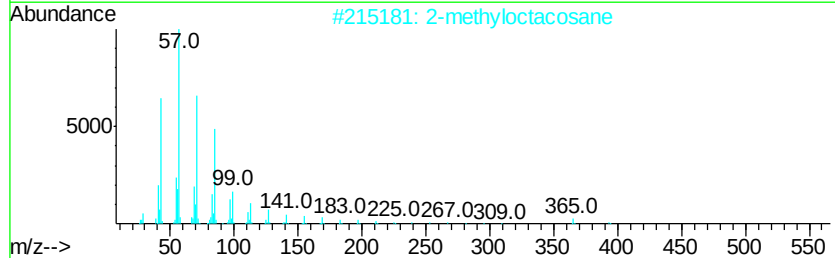
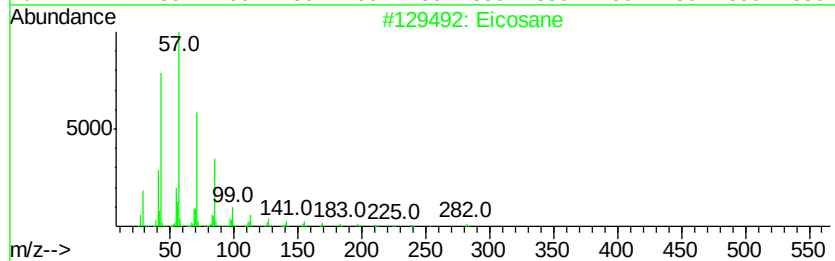
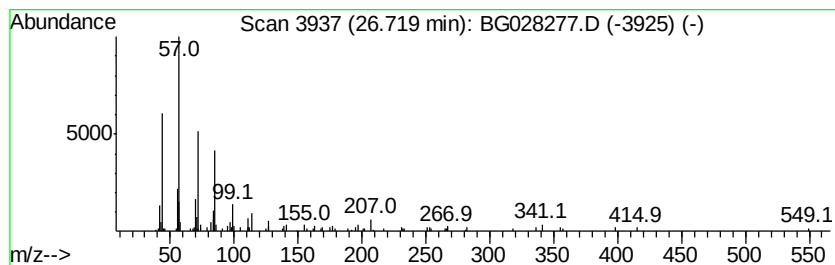
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.89 ng/ul	168017	Perylene-d12	25.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	2-methyloctacosane		408	C29H60	1000376-72-8	83
3	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1000309-18-1	83
4	Sulfurous acid, butyl hexadecyl ...		362	C20H42O3S	1000309-18-3	80
5	Hentriacontane		437	C31H64	000630-04-6	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

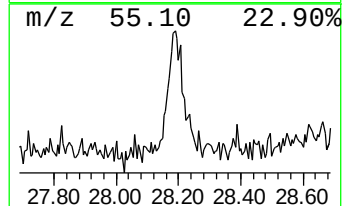
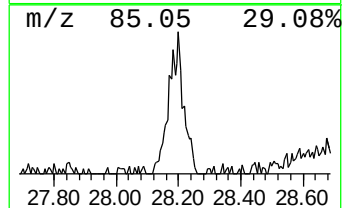
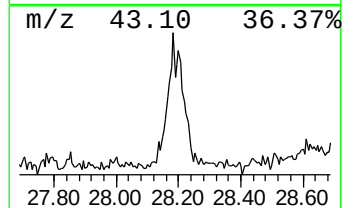
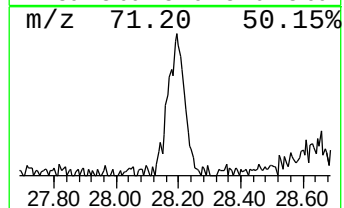
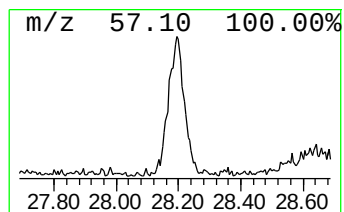
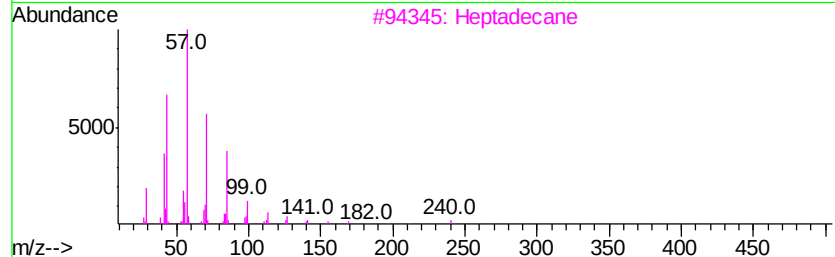
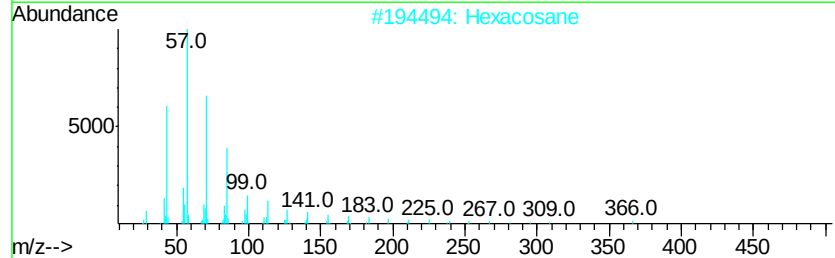
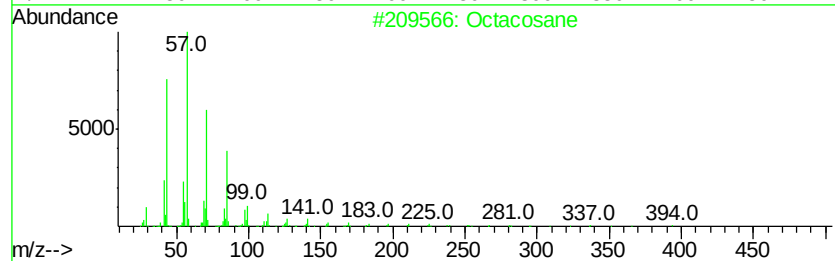
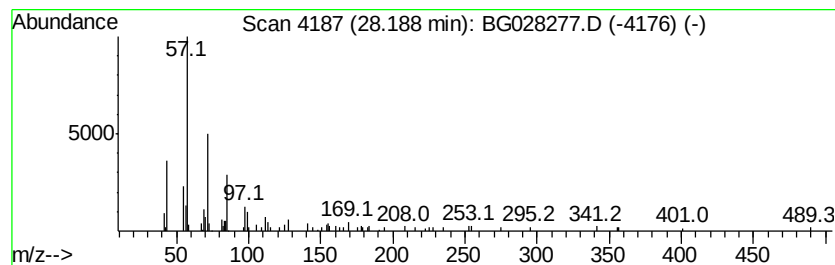
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.96 ng/ul	172594	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	83
2			Hexacosane	366	C26H54	000630-01-3	80
3			Heptadecane	240	C17H36	000629-78-7	80
4			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	80
5			Hentriacontane	437	C31H64	000630-04-6	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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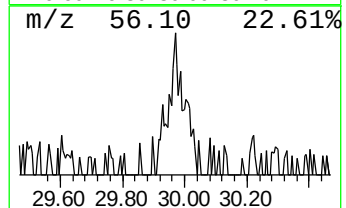
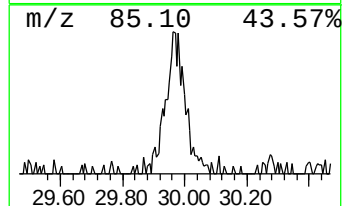
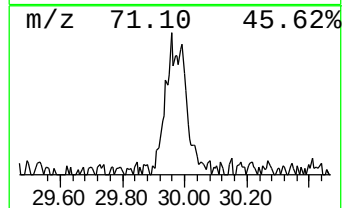
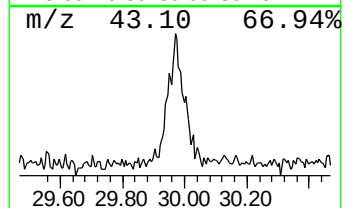
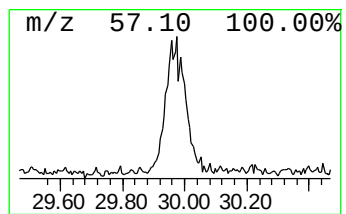
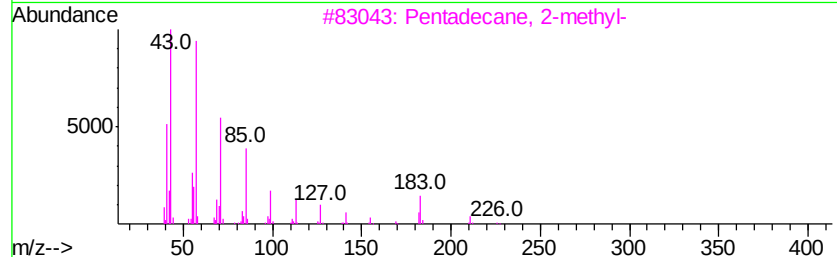
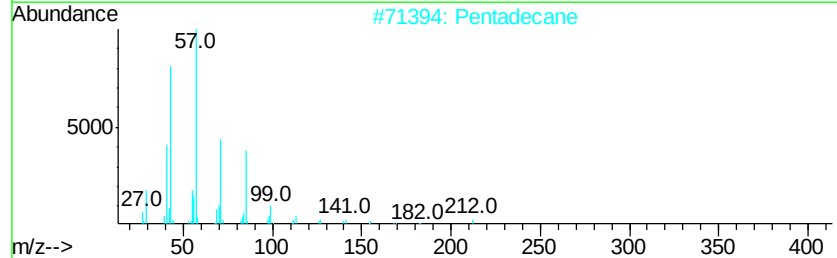
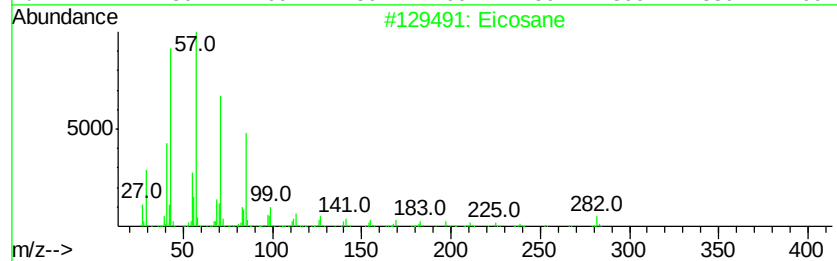
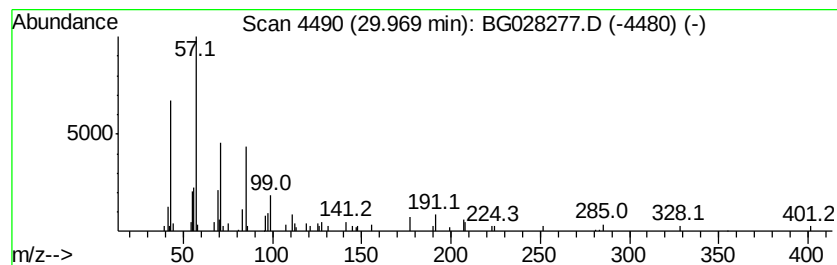
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.13 ng/ul	124253	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	58
2		Pentadecane	212	C15H32	000629-62-9	53
3		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	53
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5		Tetratetracontane	619	C44H90	007098-22-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
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
Tridecanoic acid	18.56	2.9	ng/ul	143807	4	17.71	1006960	20.0
Caparratriene	19.74	4.0	ng/ul	203724	4	17.71	1006960	20.0
Pentadecanoic acid	19.82	5.7	ng/ul	285935	4	17.71	1006960	20.0
(DEL) Alkane: Str...	24.46	2.8	ng/ul	160110	6	25.54	1164470	20.0
(DEL) Alkane: Str...	26.72	2.9	ng/ul	168017	6	25.54	1164470	20.0
(DEL) Alkane: Str...	28.19	3.0	ng/ul	172594	6	25.54	1164470	20.0
(DEL) Alkane: Str...	29.97	2.1	ng/ul	124253	6	25.54	1164470	20.0