

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026762.D
 Acq On : 29 Apr 2017 00:54
 Operator : SJ/MA
 Sample : I2816-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT89

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-BG042717.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	3.423	52	57	66	rBV	30340	51221	1.46%	0.121%
2	3.858	128	131	137	rVB7	3893	5639	0.16%	0.013%
3	3.917	137	141	144	rBV7	4056	7590	0.22%	0.018%
4	4.181	181	186	196	rVB5	10218	20937	0.60%	0.050%
5	4.293	201	205	209	rVB7	4268	6877	0.20%	0.016%
6	4.328	209	211	216	rVB6	5180	7208	0.21%	0.017%
7	4.375	216	219	223	rBV5	5246	8781	0.25%	0.021%
8	4.516	238	243	247	rVB6	4032	6533	0.19%	0.015%
9	5.104	341	343	349	rVB7	3349	6528	0.19%	0.015%
10	5.538	413	417	420	rBV5	3930	5564	0.16%	0.013%
11	5.726	447	449	455	rVB4	4160	6972	0.20%	0.016%
12	6.138	518	519	526	rVB7	3276	6016	0.17%	0.014%
13	6.226	528	534	537	rBV6	5886	9995	0.29%	0.024%
14	7.078	671	679	682	rBV6	3390	5980	0.17%	0.014%
15	7.107	683	684	690	rVB6	4630	6879	0.20%	0.016%
16	7.189	690	698	712	rBV	540998	1033487	29.55%	2.445%
17	7.330	716	722	734	rVB	477823	783269	22.39%	1.853%
18	7.425	734	738	742	rBV6	4107	6481	0.19%	0.015%
19	7.548	752	759	774	rBV	579970	1022291	29.23%	2.419%
20	7.642	774	775	787	rVB9	4557	7893	0.23%	0.019%
21	8.006	829	837	848	rBV	399827	710112	20.30%	1.680%
22	8.729	950	960	976	rBV	708271	1375134	39.31%	3.254%
23	9.076	1015	1019	1027	rBV8	4844	8342	0.24%	0.020%
24	9.164	1027	1034	1046	rBV	548320	998135	28.54%	2.362%
25	9.328	1056	1062	1071	rVB	6949	14567	0.42%	0.034%
26	9.593	1102	1107	1116	rBV2	15254	24404	0.70%	0.058%
27	9.892	1148	1158	1171	rBV	469950	864147	24.70%	2.045%
28	10.439	1244	1251	1273	rBV	740159	1429870	40.88%	3.383%
29	10.809	1306	1314	1328	rVB	704165	1268132	36.25%	3.001%
30	10.944	1328	1337	1356	rBV	755406	1432413	40.95%	3.389%
31	11.602	1446	1449	1452	rBV5	3036	5174	0.15%	0.012%
32	12.225	1551	1555	1562	rVB9	3382	7929	0.23%	0.019%
33	12.289	1562	1566	1569	rBV4	4459	8974	0.26%	0.021%
34	12.395	1577	1584	1591	rBV4	15297	25530	0.73%	0.060%

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35	12.601	1613	1619	1622	rBV3	2886	6102	0.17%	0.014%
36	12.936	1671	1676	1680	rBV6	2873	6572	0.19%	0.016%
37	13.235	1721	1727	1735	rVB9	3988	8168	0.23%	0.019%
38	13.359	1743	1748	1757	rBV9	4529	10033	0.29%	0.024%
39	13.447	1757	1763	1771	rVB5	5841	12275	0.35%	0.029%
40	13.611	1782	1791	1795	rBV8	4147	10491	0.30%	0.025%
41	13.711	1800	1808	1809	rVB8	4212	9696	0.28%	0.023%
42	14.023	1853	1861	1866	rBV	1457560	2114095	60.44%	5.002%
43	14.070	1866	1869	1877	rVV	259551	353150	10.10%	0.836%
44	14.211	1888	1893	1898	rVB7	3391	5971	0.17%	0.014%
45	14.316	1903	1911	1924	rBV	1755956	2785578	79.64%	6.591%
46	14.434	1928	1931	1937	rVB7	4372	9030	0.26%	0.021%
47	14.510	1937	1944	1950	rBV	33474	50927	1.46%	0.121%
48	14.622	1953	1963	1973	rBV2	1067638	1767388	50.53%	4.182%
49	14.698	1974	1976	1984	rVB9	4718	9140	0.26%	0.022%
50	14.845	1993	2001	2016	rBV	306116	723756	20.69%	1.713%
51	15.010	2026	2029	2035	rBV7	4887	10313	0.29%	0.024%
52	15.121	2045	2048	2054	rVB4	12476	19710	0.56%	0.047%
53	15.198	2056	2061	2064	rVB5	9487	15174	0.43%	0.036%
54	15.415	2093	2098	2099	rBV3	9999	15404	0.44%	0.036%
55	15.456	2101	2105	2109	rVB	70562	86974	2.49%	0.206%
56	15.521	2111	2116	2120	rBV8	8249	12718	0.36%	0.030%
57	15.609	2123	2131	2141	rVV	2240662	3336806	95.40%	7.896%
58	15.727	2145	2151	2165	rBV	521104	811242	23.19%	1.920%
59	15.856	2165	2173	2178	rVB3	44585	87903	2.51%	0.208%
60	15.956	2186	2190	2195	rBV7	8242	12010	0.34%	0.028%
61	16.009	2196	2199	2205	rBV6	10246	18542	0.53%	0.044%
62	16.073	2206	2210	2216	rVB8	11328	16947	0.48%	0.040%
63	16.314	2246	2251	2261	rBV	79320	150820	4.31%	0.357%
64	16.484	2277	2280	2284	rVB6	5759	8189	0.23%	0.019%
65	16.561	2284	2293	2298	rBV6	6731	17920	0.51%	0.042%
66	16.661	2304	2310	2312	rBV6	12357	20666	0.59%	0.049%
67	16.714	2317	2319	2323	rVB4	7685	7908	0.23%	0.019%
68	16.767	2323	2328	2332	rVB8	10050	18759	0.54%	0.044%
69	16.819	2332	2337	2343	rBV10	10942	20890	0.60%	0.049%
70	16.878	2345	2347	2351	rVB4	6287	8725	0.25%	0.021%
71	16.925	2351	2355	2356	rBV4	4579	5257	0.15%	0.012%

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72	17.101	2379	2385	2389	rBV	44283	57408	1.64%	0.136%
73	17.154	2389	2394	2398	rVB6	14829	25458	0.73%	0.060%
74	17.248	2406	2410	2417	rVB8	12800	20982	0.60%	0.050%
75	17.354	2418	2428	2436	rBV2	1231361	1866868	53.37%	4.417%
76	17.454	2438	2445	2453	rBV2	2213144	3291868	94.11%	7.789%
77	17.701	2485	2487	2491	rVB5	5576	5656	0.16%	0.013%
78	17.748	2491	2495	2497	rBV5	5200	8480	0.24%	0.020%
79	17.836	2506	2510	2514	rBV7	8606	12990	0.37%	0.031%
80	18.012	2536	2540	2543	rBV5	6325	9981	0.29%	0.024%
81	18.124	2553	2559	2563	rBV9	12737	23156	0.66%	0.055%
82	18.177	2565	2568	2573	rBV7	10458	17084	0.49%	0.040%
83	18.235	2573	2578	2593	rBV2	266079	478347	13.68%	1.132%
84	18.547	2625	2631	2633	rBV6	8822	15571	0.45%	0.037%
85	18.594	2635	2639	2640	rBV4	6027	7994	0.23%	0.019%
86	18.823	2674	2678	2682	rBV7	9803	13025	0.37%	0.031%
87	19.158	2732	2735	2738	rBV5	6190	6818	0.19%	0.016%
88	19.369	2766	2771	2783	rBV5	41662	130080	3.72%	0.308%
89	19.504	2789	2794	2804	rBV2	138859	262129	7.49%	0.620%
90	19.622	2811	2814	2822	rVB4	26115	46929	1.34%	0.111%
91	19.734	2825	2833	2843	rBV2	2348328	3486399	99.67%	8.249%
92	20.174	2904	2908	2912	rBV7	15901	22063	0.63%	0.052%
93	21.326	3098	3104	3124	rVB7	56008	230825	6.60%	0.546%
94	21.596	3143	3150	3161	rBV	1173468	1895404	54.19%	4.485%
95	23.006	3384	3390	3403	rVB	86493	332071	9.49%	0.786%
96	23.823	3525	3529	3539	rVB4	68638	157255	4.50%	0.372%
97	24.540	3641	3651	3664	rBV2	1300625	3497866	100.00%	8.277%
98	24.757	3678	3688	3701	rVB3	749001	2148665	61.43%	5.084%
99	25.850	3866	3874	3882	rVB3	67756	190273	5.44%	0.450%
100	27.154	4090	4096	4110	rVB4	66323	226076	6.46%	0.535%

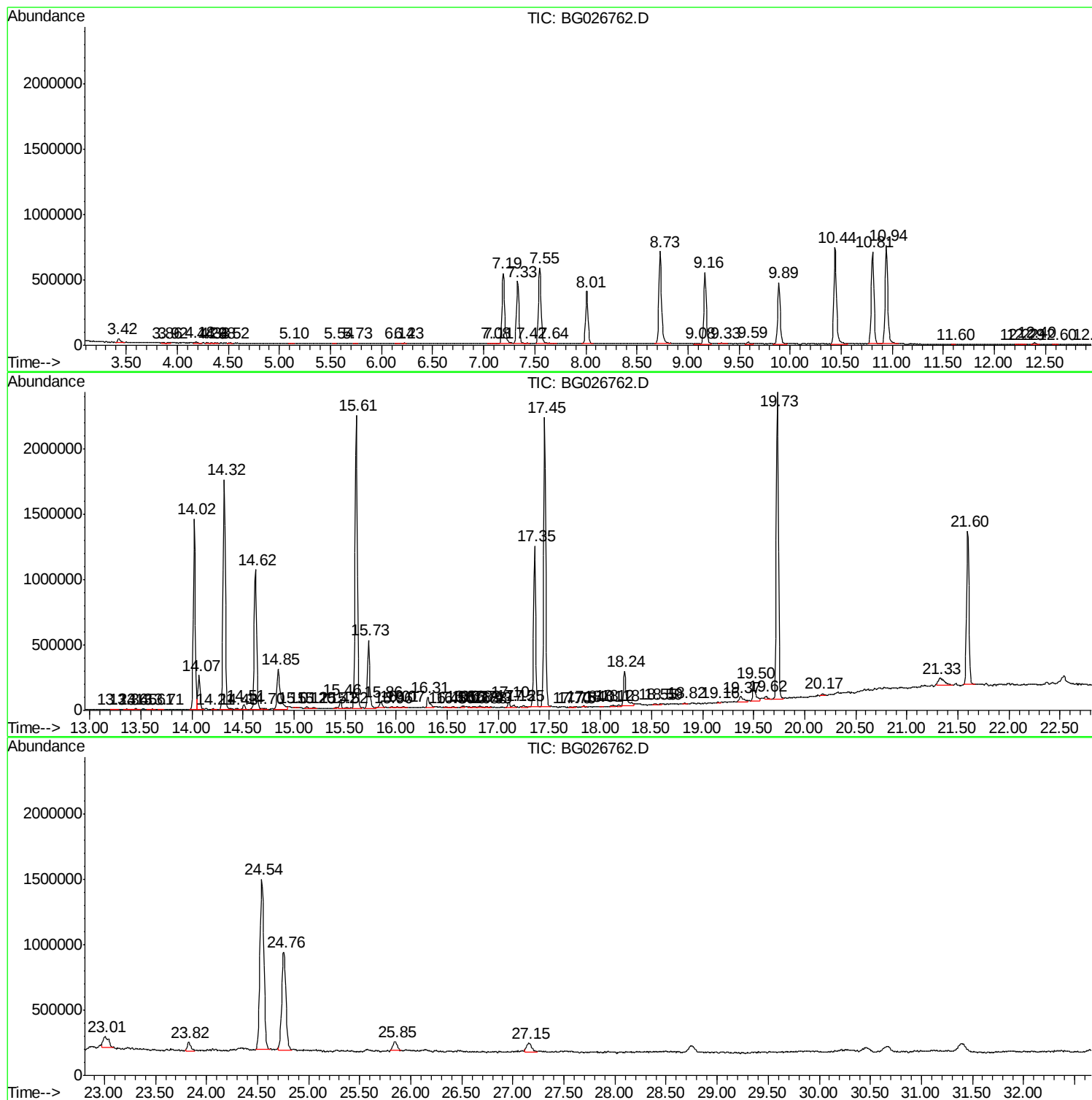
Sum of corrected areas: 42261974

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



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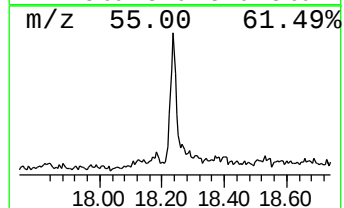
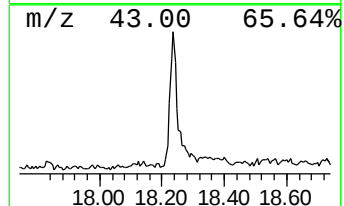
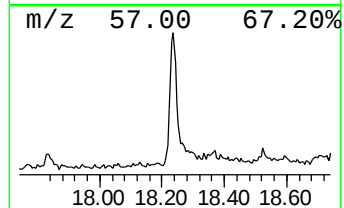
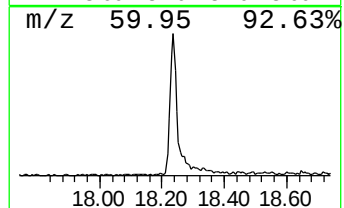
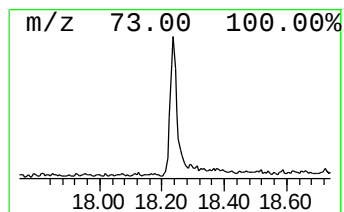
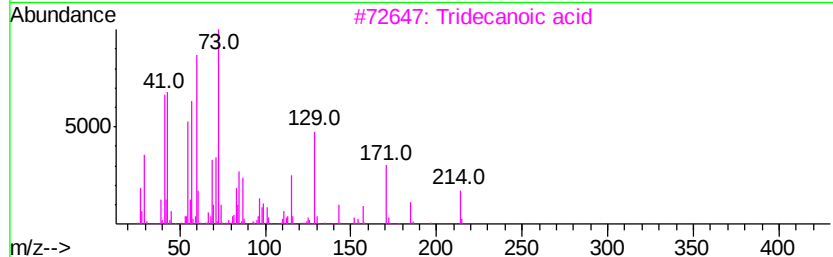
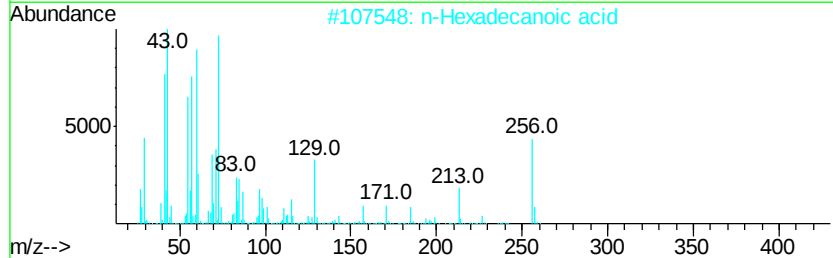
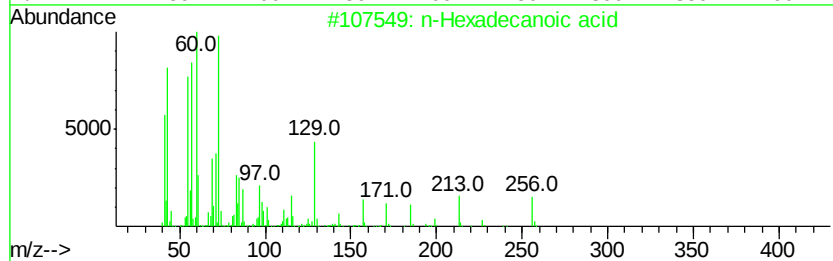
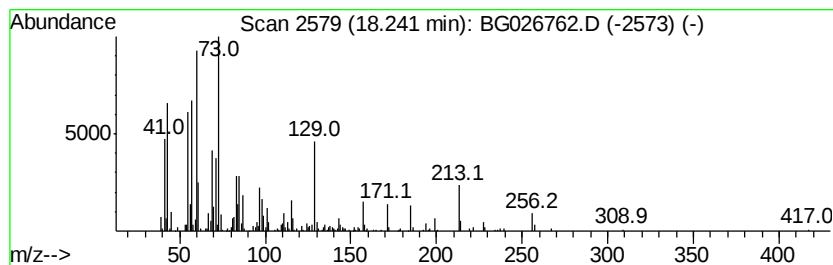
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	5.12 ng/ul	478347	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



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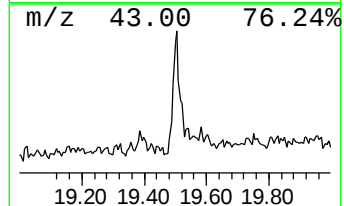
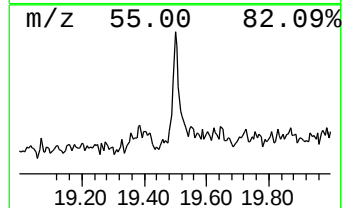
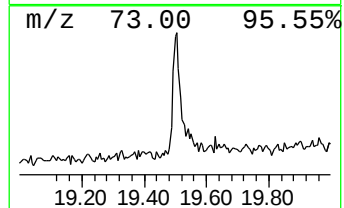
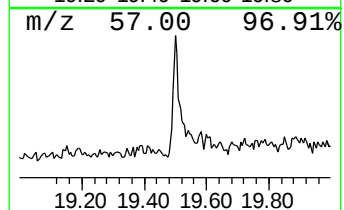
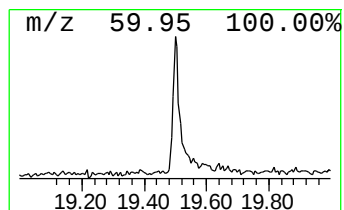
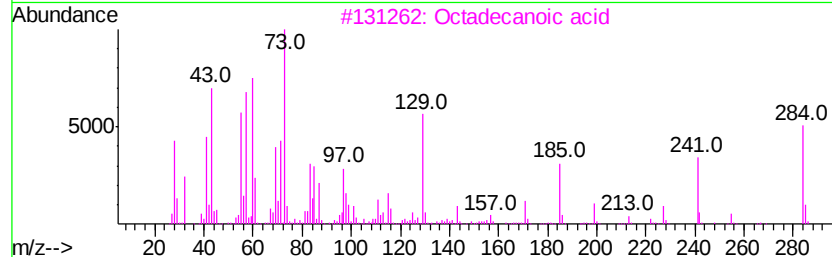
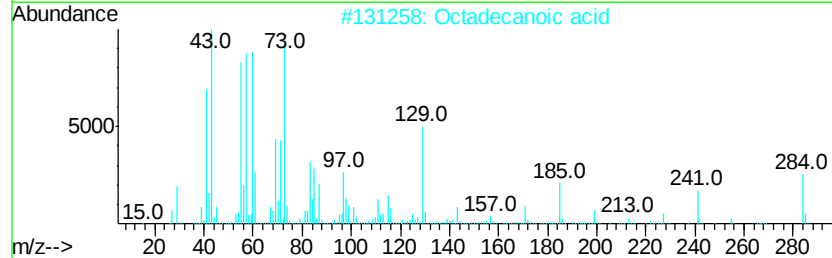
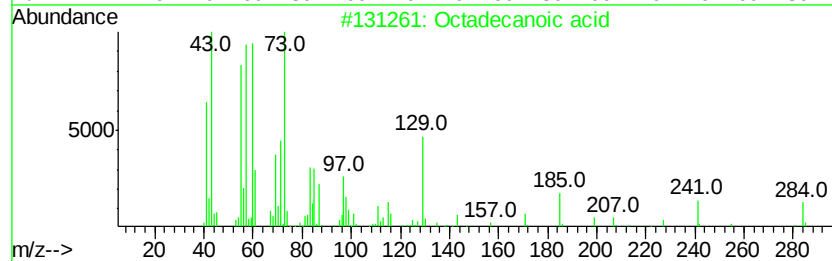
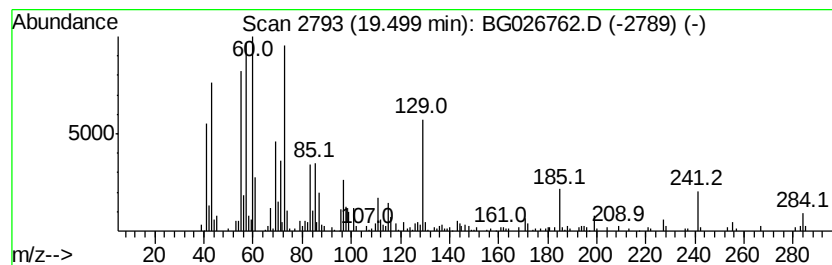
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.77 ng/ul	262129	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 98
2	Octadecanoic acid	284	C18H36O2	000057-11-4 98
3	Octadecanoic acid	284	C18H36O2	000057-11-4 97
4	Octadecanoic acid	284	C18H36O2	000057-11-4 93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3 76



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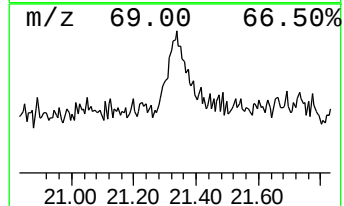
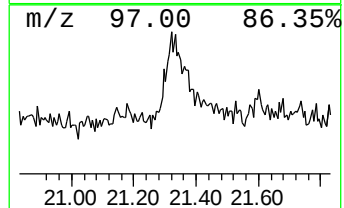
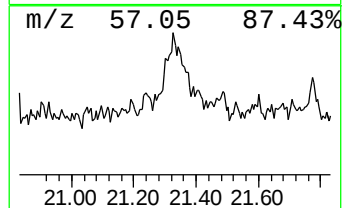
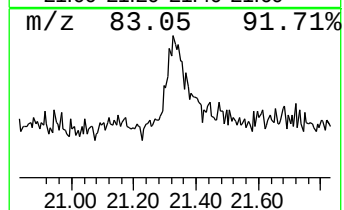
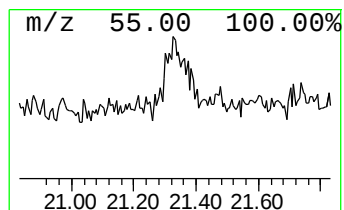
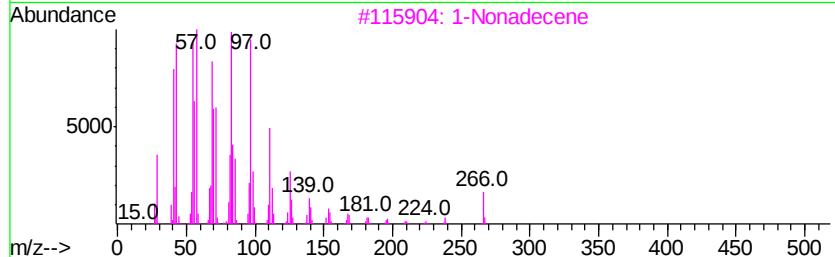
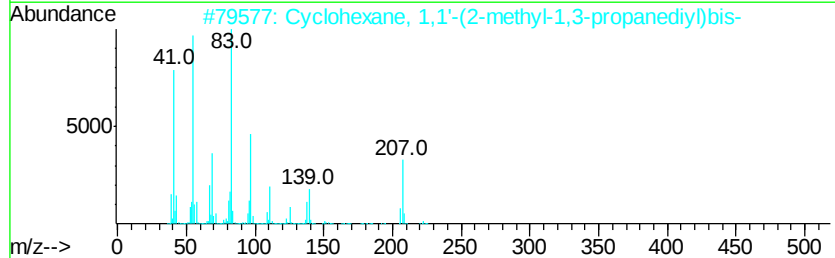
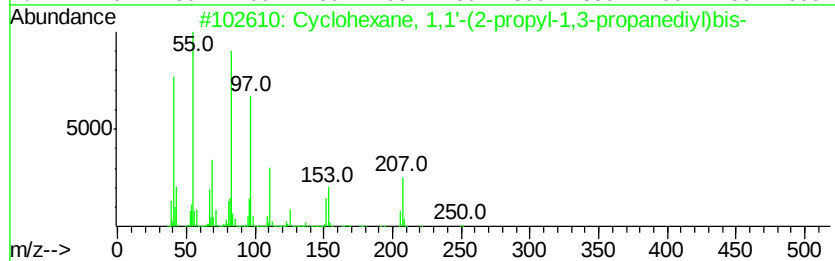
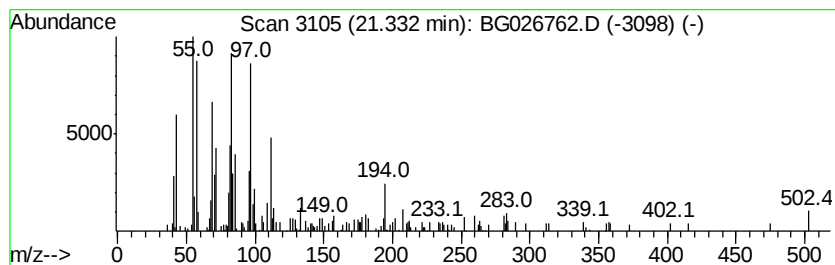
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Peak Number 3 Cyclohexane, 1,1'-(2-propyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.44 ng/ul	230825	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1'-(2-propyl-1,3-...	250 C18H34	055030-21-2 50
2		Cyclohexane, 1,1'-(2-methyl-1,3-...	222 C16H30	002883-08-1 37
3		1-Nonadecene	266 C19H38	018435-45-5 25
4		Z-5-Nonadecene	266 C19H38	1000131-11-8 25
5		Tetradecanoic acid, 2-hydroxy-, ...	258 C15H30O3	056009-40-6 23



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Sample : I2816-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT89

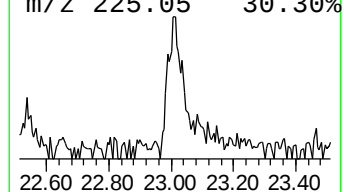
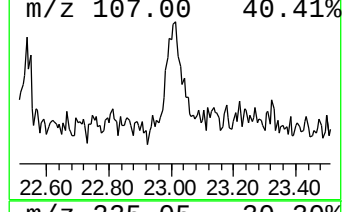
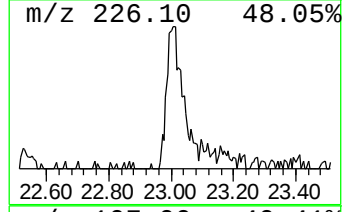
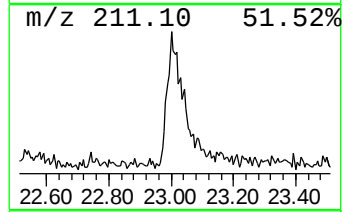
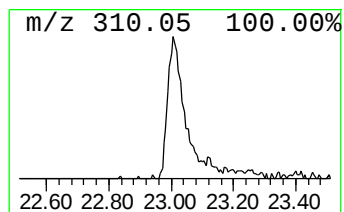
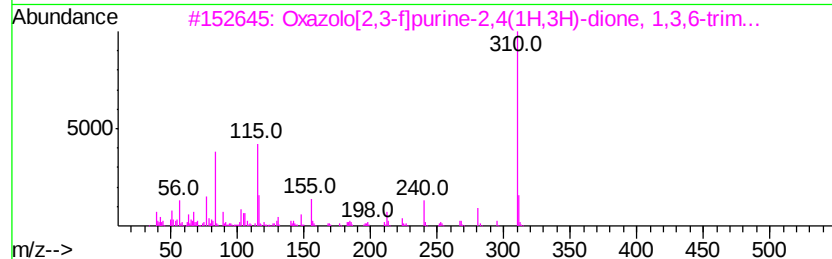
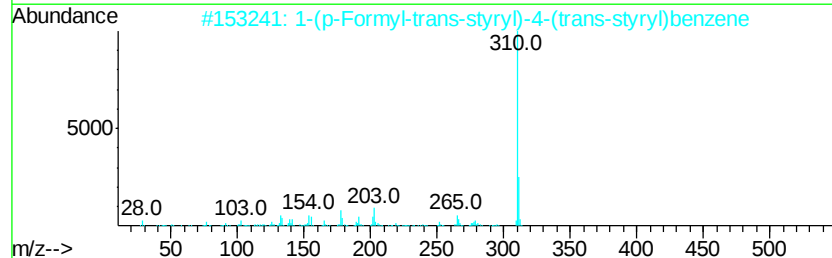
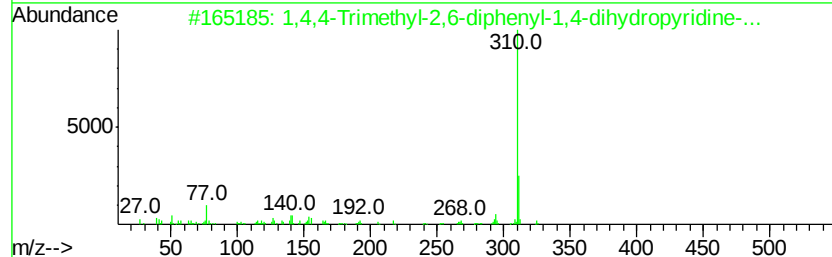
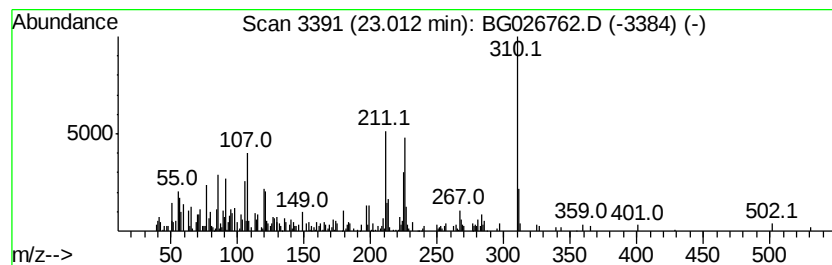
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	3.50 ng/ul	332071	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4,4-Trimethyl-2,6-diphenyl-1,4...	325	C22H19N3	067439-19-4	30
2		1-(p-Formyl-trans-styryl)-4-(tra...	310	C23H18O	1000242-87-6	30
3		Oxazolo[2,3-f]purine-2,4(1H,3H)-...	310	C16H14N4O3	1000320-17-4	30
4		Pyrindine, 4-(1-methyl-2-pyrrolyl...	310	C22H18N2	005562-57-2	25
5		2,2',4,4'-Tetramethyl-1,1'-dinap...	310	C24H22	110871-50-6	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026762.D
Acq On : 29 Apr 2017 00:54
Operator : SJ/MA
Sample : I2816-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT89

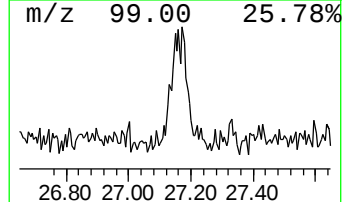
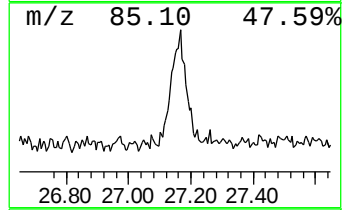
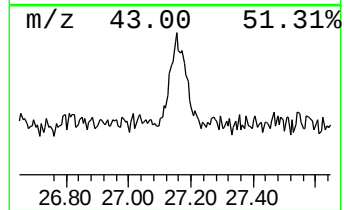
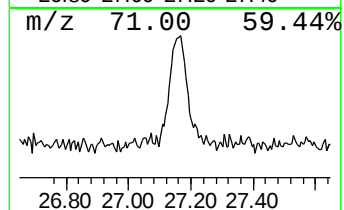
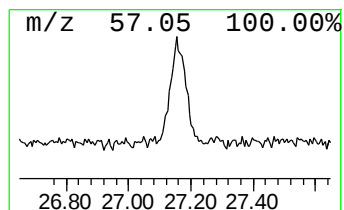
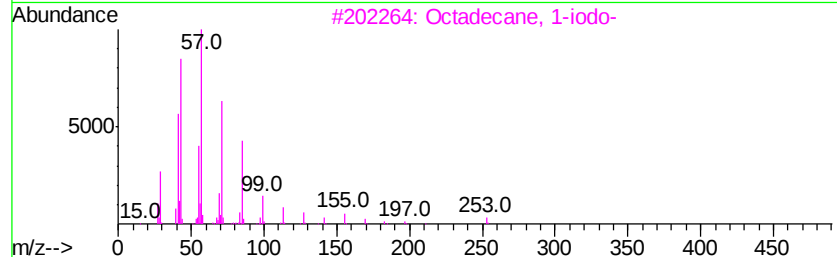
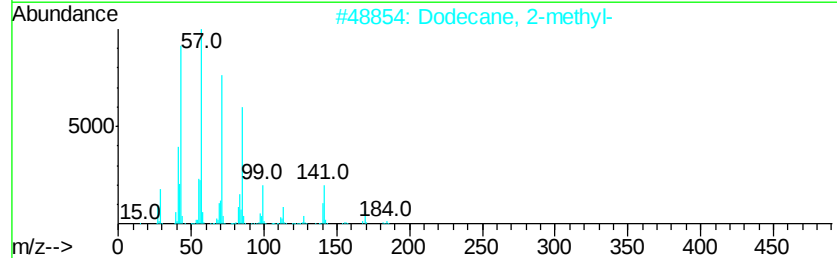
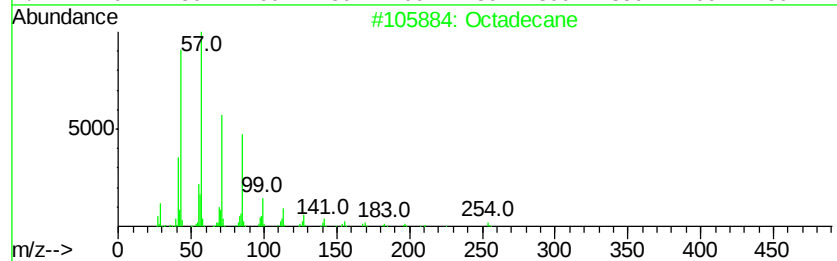
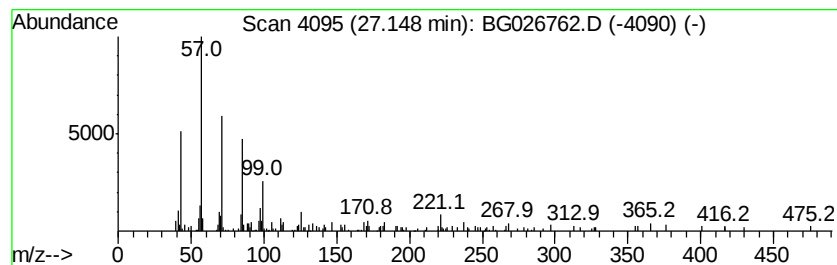
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.10 ng/ul	226076	Perylene-d12	24.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	64
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
4		Pentacosane	352	C25H52	000629-99-2	59
5		Pentatriacontane	493	C35H72	000630-07-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT89

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
n-Hexadecanoic acid	18.24	5.1	ng/ul	478347	4	17.35	1866870	20.0
Octadecanoic acid	19.50	2.8	ng/ul	262129	5	21.60	1895400	20.0
Cyclohexane, 1,1'...	21.33	2.4	ng/ul	230825	5	21.60	1895400	20.0
unknown-01	23.01	3.5	ng/ul	332071	5	21.60	1895400	20.0
(DEL) Alkane: Str...	27.15	2.1	ng/ul	226076	6	24.76	2148670	20.0