

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025624.D
 Acq On : 25 Jan 2017 1:45
 Operator : UM/SJ
 Sample : I1315-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN13

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	3.499	110	112	122	rVB4	15943	30842	0.52%	0.067%
2	4.815	331	336	338	rBV3	6521	9842	0.17%	0.021%
3	5.156	389	394	398	rVB6	5615	10426	0.18%	0.023%
4	5.778	497	500	508	rVB7	6379	11218	0.19%	0.024%
5	7.335	758	765	782	rBV2	372688	880377	14.88%	1.914%
6	7.494	785	792	803	rVB	303257	518148	8.76%	1.126%
7	7.706	821	828	839	rBV	378996	704352	11.91%	1.531%
8	8.176	898	908	915	rBV2	224158	413663	6.99%	0.899%
9	8.610	979	982	989	rVB6	4336	10270	0.17%	0.022%
10	8.892	1019	1030	1049	rBV2	480583	978722	16.55%	2.128%
11	9.362	1102	1110	1121	rBV	432602	837957	14.17%	1.822%
12	9.486	1126	1131	1135	rBV8	7266	10175	0.17%	0.022%
13	9.674	1160	1163	1167	rVB4	12481	16406	0.28%	0.036%
14	10.085	1222	1233	1251	rBV2	395620	769447	13.01%	1.673%
15	10.632	1315	1326	1352	rBV	488265	1086541	18.37%	2.362%
16	11.002	1379	1389	1405	rVB	337045	662682	11.20%	1.441%
17	11.149	1405	1414	1433	rBV2	385001	904275	15.29%	1.966%
18	11.484	1468	1471	1478	rBV7	4918	10140	0.17%	0.022%
19	12.147	1579	1584	1586	rBV2	6552	10973	0.19%	0.024%
20	12.600	1656	1661	1672	rVB6	15075	37475	0.63%	0.081%
21	13.399	1793	1797	1803	rVB6	5967	10061	0.17%	0.022%
22	13.669	1838	1843	1846	rBV5	6860	11170	0.19%	0.024%
23	13.992	1895	1898	1904	rVB3	7092	10342	0.17%	0.022%
24	14.198	1925	1933	1938	rBV	1174575	1856128	31.38%	4.035%
25	14.245	1938	1941	1956	rVB	259667	413542	6.99%	0.899%
26	14.504	1977	1985	1996	rBV	1257791	2044037	34.56%	4.444%
27	14.650	2003	2010	2019	rBV5	24897	46550	0.79%	0.101%
28	14.809	2028	2037	2049	rVB	653316	1060476	17.93%	2.306%
29	15.044	2070	2077	2102	rBV2	311888	932338	15.76%	2.027%
30	15.326	2124	2125	2133	rVB4	9725	14303	0.24%	0.031%
31	15.543	2159	2162	2166	rBV3	8758	14791	0.25%	0.032%
32	15.596	2166	2171	2176	rVB	49886	68354	1.16%	0.149%
33	15.796	2197	2205	2215	rBV	1774686	2734532	46.23%	5.945%
34	15.937	2218	2229	2243	rBV	540648	1004911	16.99%	2.185%

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35	16.037	2243	2246	2253	rVB5	30591	44584	0.75%	0.097%
36	16.143	2260	2264	2267	rBV6	13273	21020	0.36%	0.046%
37	16.454	2312	2317	2326	rBV	70475	128945	2.18%	0.280%
38	16.795	2373	2375	2382	rVB7	8338	14283	0.24%	0.031%
39	16.854	2382	2385	2391	rVB6	12385	13343	0.23%	0.029%
40	16.959	2400	2403	2406	rVB4	12060	13558	0.23%	0.029%
41	17.241	2445	2451	2456	rBV2	58959	90072	1.52%	0.196%
42	17.294	2457	2460	2463	rVB3	21705	25788	0.44%	0.056%
43	17.353	2464	2470	2472	rVB6	11596	20468	0.35%	0.044%
44	17.553	2495	2504	2514	rBV	895483	1427575	24.14%	3.104%
45	17.653	2514	2521	2530	rBV	1974280	3117855	52.71%	6.778%
46	17.753	2537	2538	2541	rBV2	8774	9733	0.16%	0.021%
47	17.988	2572	2578	2583	rBV3	35404	52224	0.88%	0.114%
48	18.393	2641	2647	2658	rBV6	77379	146041	2.47%	0.318%
49	18.487	2658	2663	2666	rBV6	13886	20070	0.34%	0.044%
50	18.575	2675	2678	2690	rVB10	28674	51929	0.88%	0.113%
51	19.216	2784	2787	2790	rBV5	15293	17427	0.29%	0.038%
52	19.410	2819	2820	2825	rBV5	10743	16296	0.28%	0.035%
53	19.574	2842	2848	2853	rBV3	33661	62084	1.05%	0.135%
54	19.662	2859	2863	2867	rBV6	20132	25652	0.43%	0.056%
55	19.791	2878	2885	2894	rBV	5079093	5914657	100.00%	12.859%
56	19.932	2901	2909	2920	rBV	2523987	3698927	62.54%	8.042%
57	20.831	3056	3062	3068	rBV	4115081	5035670	85.14%	10.948%
58	21.419	3157	3162	3167	rBV9	47003	113371	1.92%	0.246%
59	21.848	3227	3235	3242	rBV	928412	1687772	28.54%	3.669%
60	23.499	3511	3516	3522	rBV5	34596	64036	1.08%	0.139%
61	24.122	3618	3622	3630	rVB9	62155	133340	2.25%	0.290%
62	25.003	3760	3772	3783	rBV2	1293848	3790052	64.08%	8.240%
63	25.097	3784	3788	3796	rVB6	84860	207797	3.51%	0.452%
64	25.232	3800	3811	3829	rVB2	528520	1664992	28.15%	3.620%
65	26.266	3982	3987	4000	rVB5	80776	231299	3.91%	0.503%

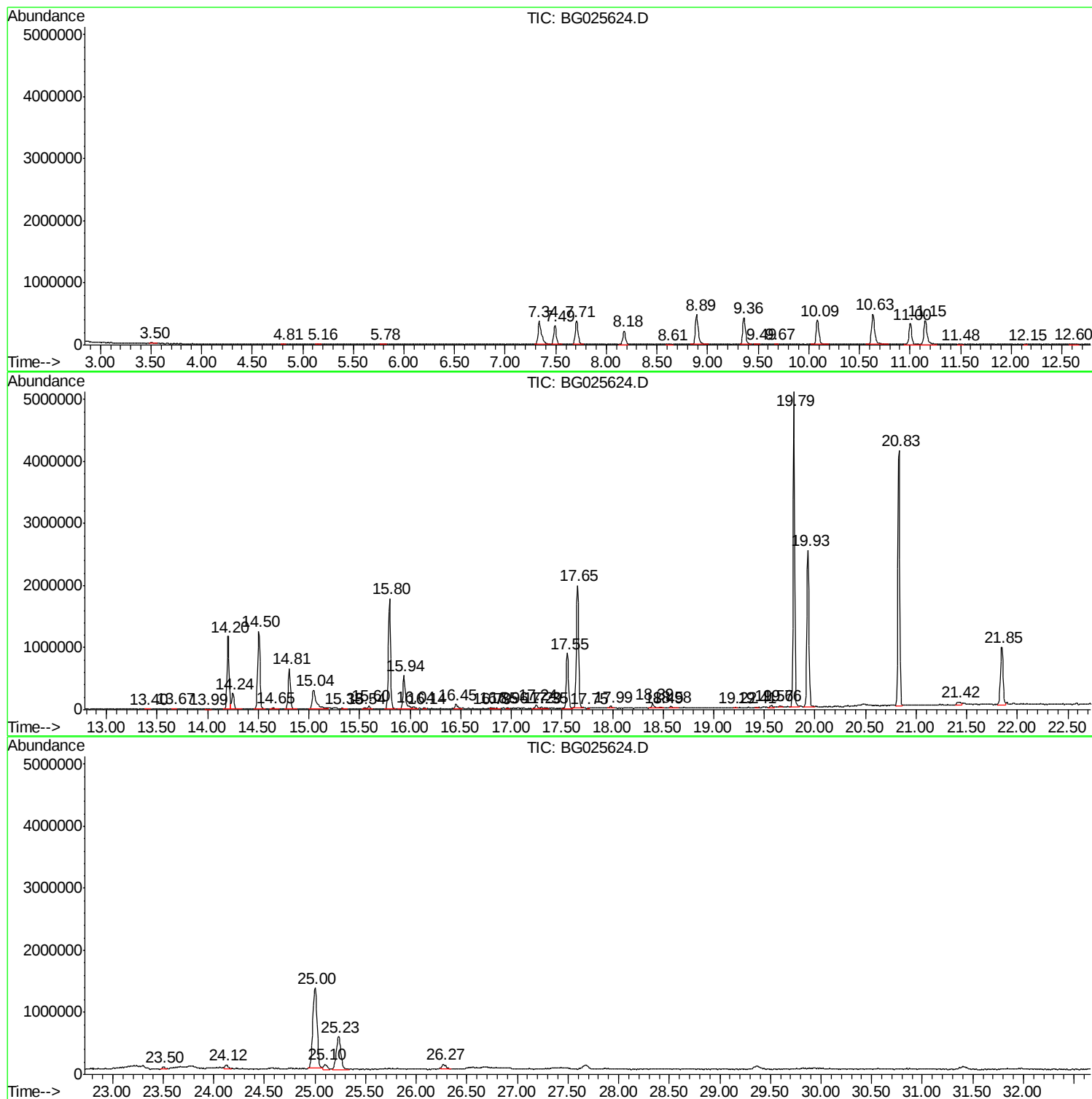
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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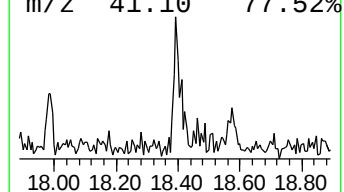
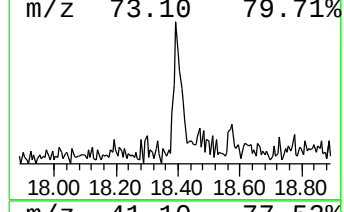
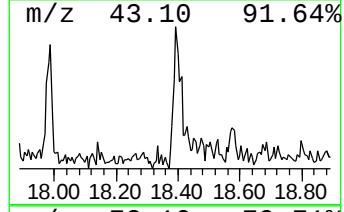
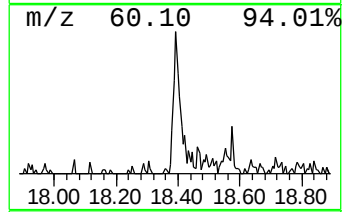
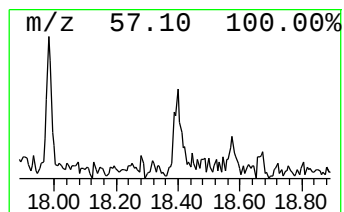
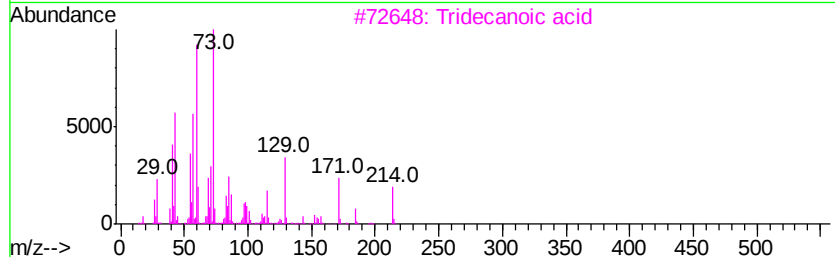
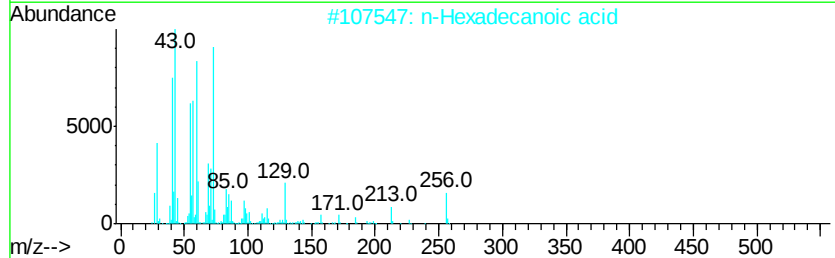
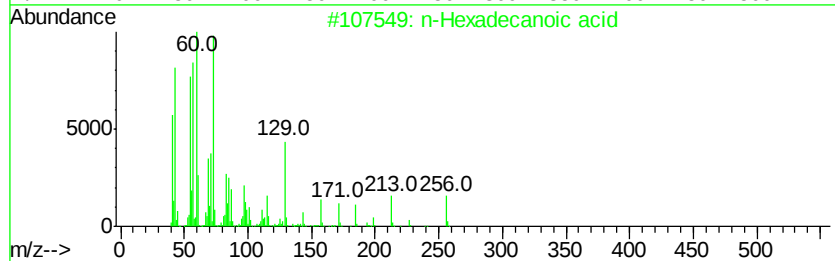
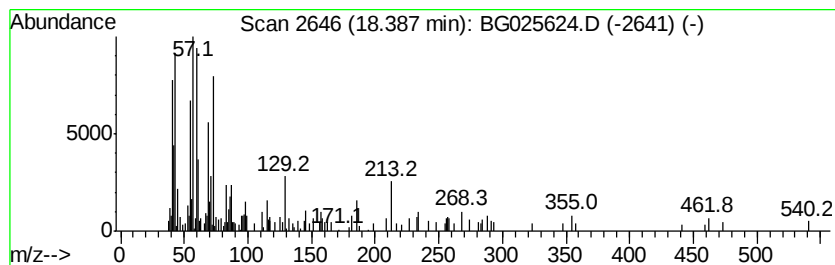
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.05 ng/ul	146041	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
3		Tridecanoic acid	214	C13H26O2	000638-53-9	53
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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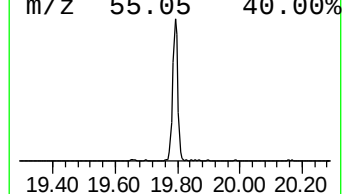
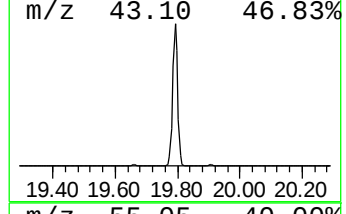
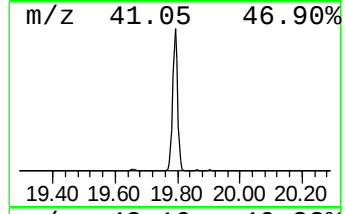
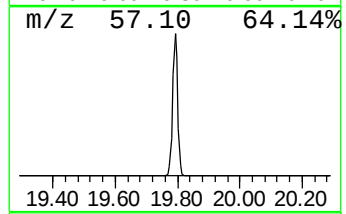
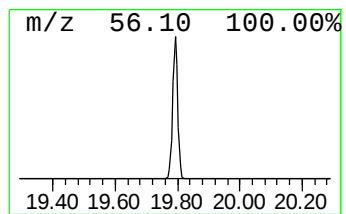
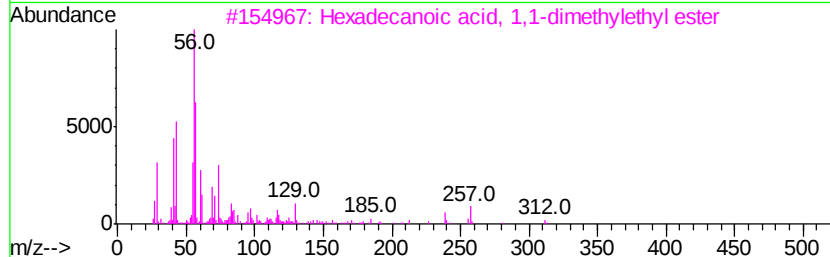
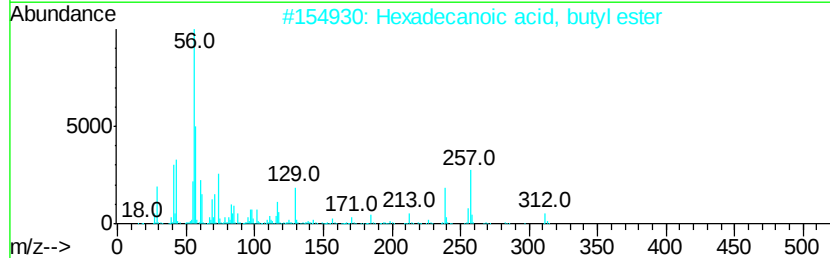
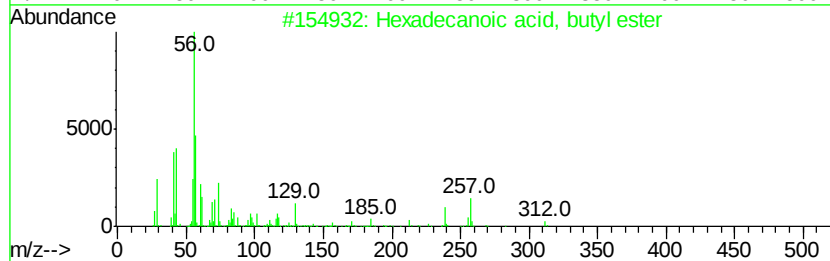
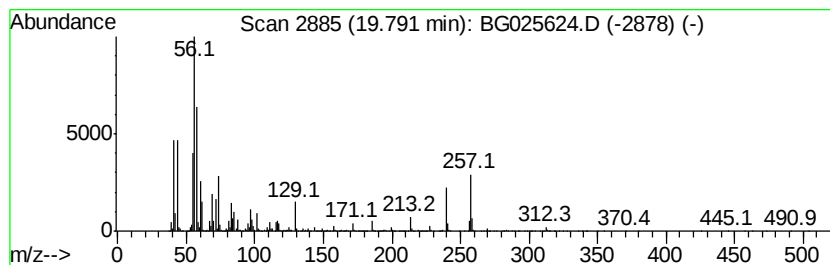
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	70.09 ng/ul	5914660	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	30



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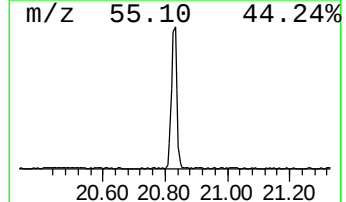
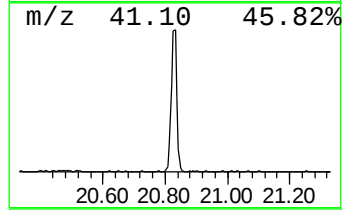
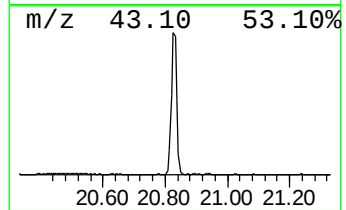
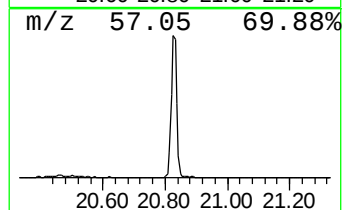
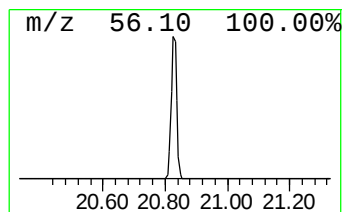
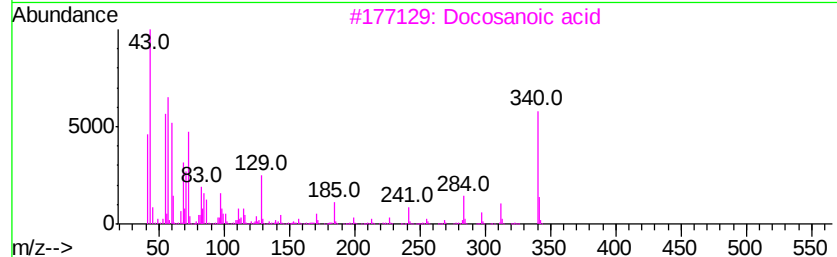
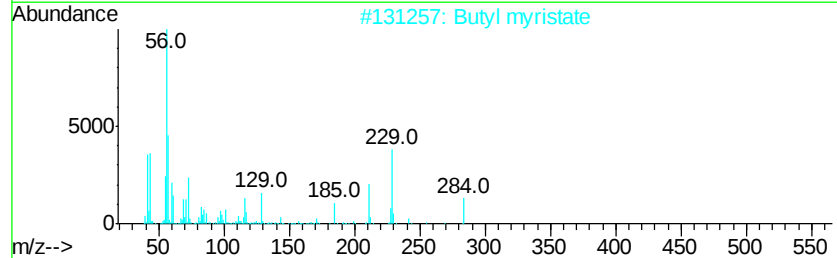
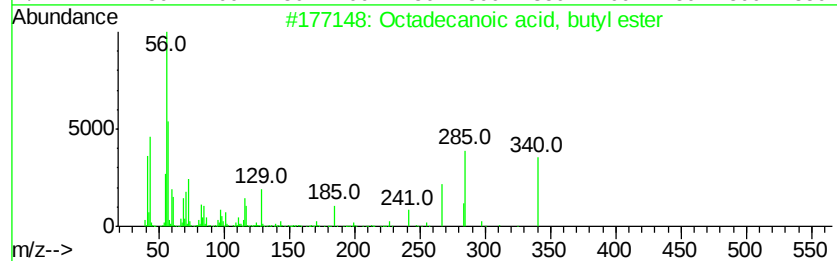
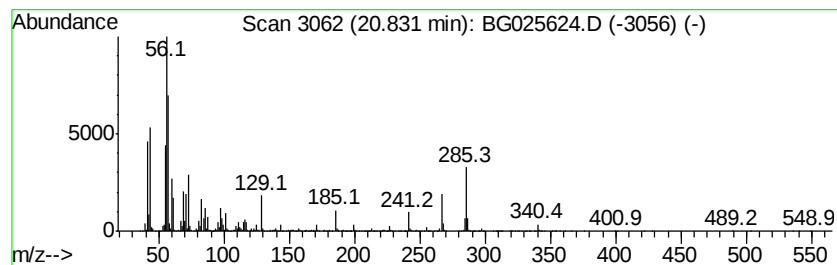
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	59.67 ng/ul	5035670	Chrysene-d12	21.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
2		Butyl myristate	284	C18H36O2	000110-36-1	58
3		Docosanoic acid	340	C22H44O2	000112-85-6	50
4		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	46
5		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38



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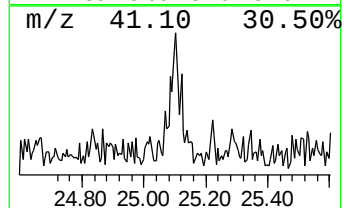
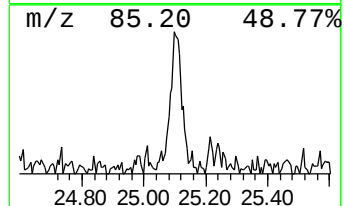
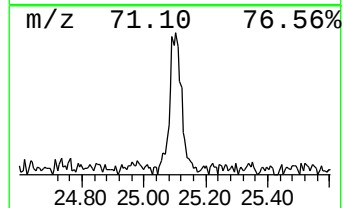
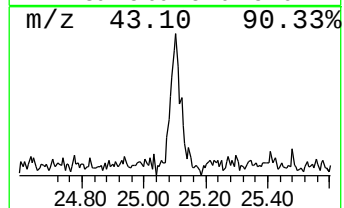
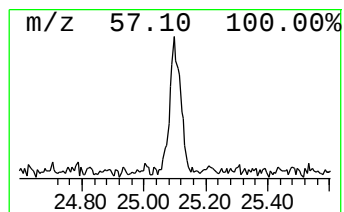
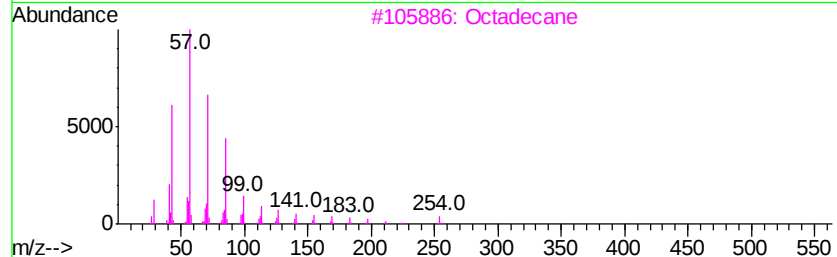
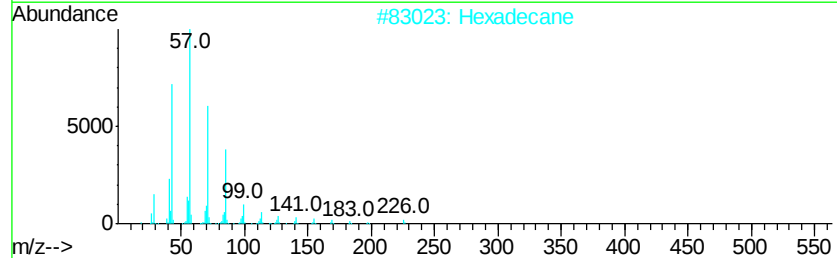
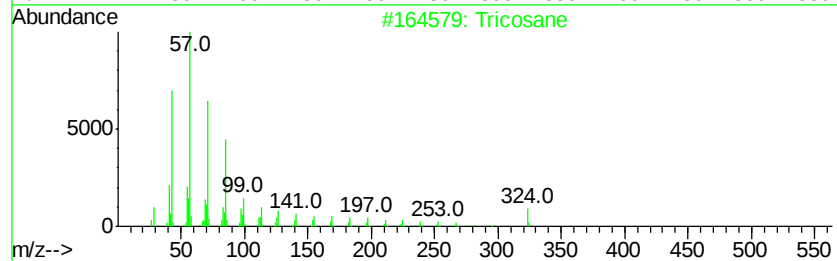
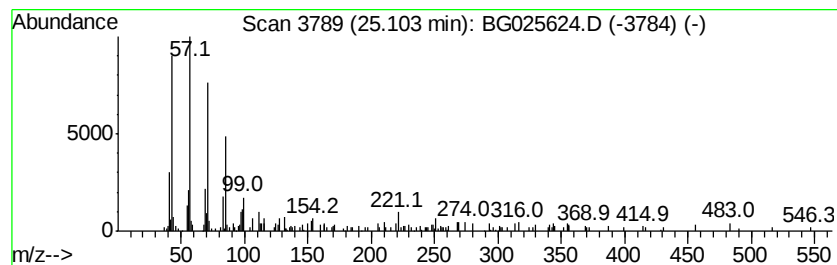
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.50 ng/ul	207797	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	76
2		Hexadecane	226	C16H34	000544-76-3	76
3		Octadecane	254	C18H38	000593-45-3	68
4		Hexadecane	226	C16H34	000544-76-3	68
5		Octacosane	394	C28H58	000630-02-4	64



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BDN13

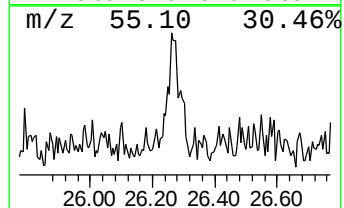
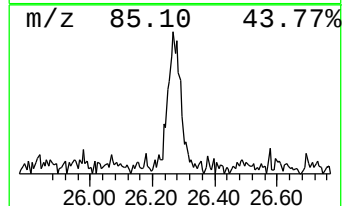
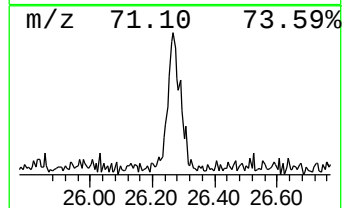
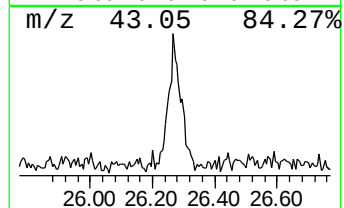
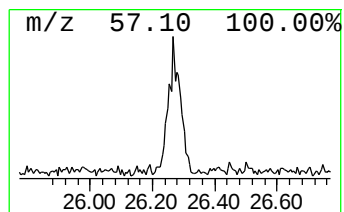
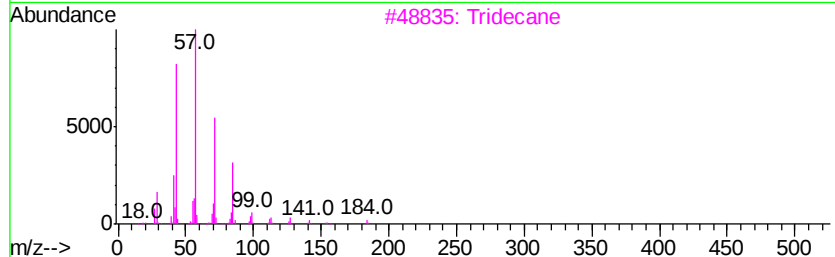
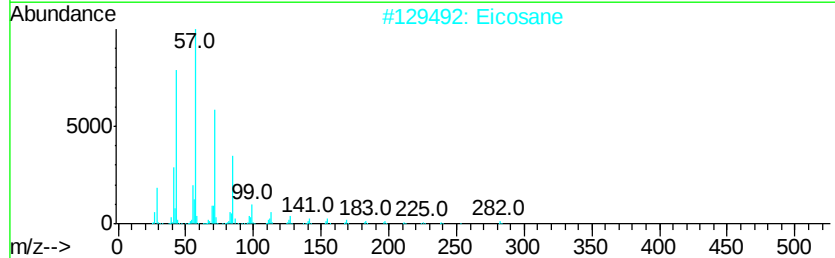
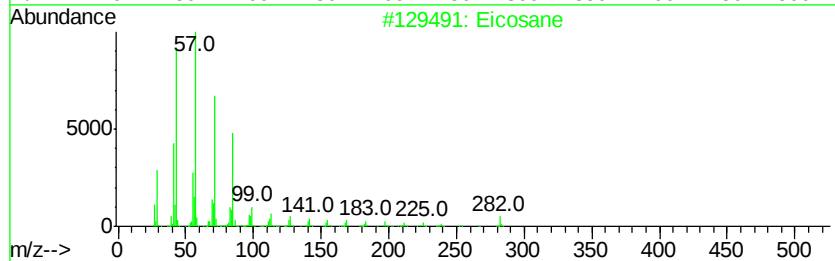
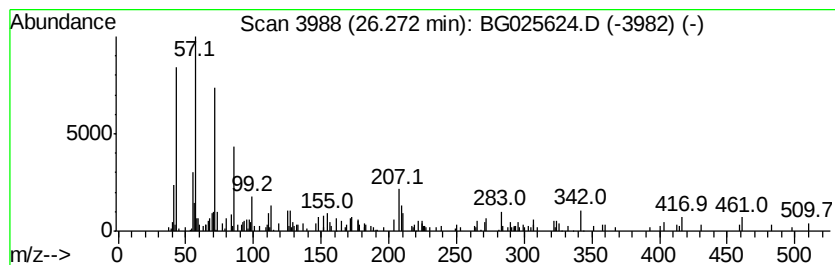
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.78 ng/ul	231299	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Eicosane	282	C20H42	000112-95-8	70
3		Tridecane	184	C13H28	000629-50-5	62
4		Tetracosane	338	C24H50	000646-31-1	58
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025624.D
Acq On : 25 Jan 2017 1:45
Operator : UM/SJ
Sample : I1315-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN13

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
n-Hexadecanoic acid	18.39	2.0	ng/ul	146041	4	17.55	1427580	20.0
Hexadecanoic acid...	19.79	70.1	ng/ul	5914660	5	21.85	1687770	20.0
Octadecanoic acid...	20.83	59.7	ng/ul	5035670	5	21.85	1687770	20.0
(DEL) Alkane: Str...	25.10	2.5	ng/ul	207797	6	25.23	1664990	20.0
(DEL) Alkane: Str...	26.27	2.8	ng/ul	231299	6	25.23	1664990	20.0