

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026811.D
 Acq On : 1 May 2017 17:55
 Operator : SJ/MA
 Sample : I2850-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHST6

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	3.429	54	58	63	rVB	36830	51125	1.23%	0.101%
2	4.187	184	187	192	rVB6	7851	10526	0.25%	0.021%
3	4.616	259	260	263	rBV3	5589	4874	0.12%	0.010%
4	6.214	529	532	538	rVB8	6988	8684	0.21%	0.017%
5	6.314	547	549	551	rBV2	6852	7028	0.17%	0.014%
6	7.189	690	698	715	rBV	666119	1303653	31.27%	2.572%
7	7.331	715	722	732	rVB	625385	999823	23.99%	1.973%
8	7.548	752	759	771	rBV	743886	1285636	30.84%	2.537%
9	8.012	831	838	848	rBV	523318	906151	21.74%	1.788%
10	8.441	909	911	913	rBV3	5790	4581	0.11%	0.009%
11	8.723	952	959	979	rBV	897026	1724144	41.36%	3.402%
12	9.170	1025	1035	1044	rBV	700941	1274174	30.57%	2.514%
13	9.328	1060	1062	1065	rVB4	6864	6144	0.15%	0.012%
14	9.593	1102	1107	1112	rVB3	13654	23446	0.56%	0.046%
15	9.892	1149	1158	1175	rBV	593282	1099656	26.38%	2.170%
16	10.133	1197	1199	1204	rVB5	4190	5390	0.13%	0.011%
17	10.439	1242	1251	1270	rBV	907951	1764753	42.34%	3.482%
18	10.809	1303	1314	1323	rVV	909122	1617050	38.79%	3.191%
19	10.944	1329	1337	1356	rBV	969565	1846462	44.30%	3.643%
20	11.596	1446	1448	1454	rVB5	3611	5315	0.13%	0.010%
21	11.737	1471	1472	1477	rVB5	3759	4449	0.11%	0.009%
22	12.060	1523	1527	1529	rBV4	3427	5285	0.13%	0.010%
23	12.219	1551	1554	1559	rVB6	4615	6639	0.16%	0.013%
24	12.389	1577	1583	1593	rVB2	16825	37084	0.89%	0.073%
25	12.613	1617	1621	1626	rVB6	3571	5467	0.13%	0.011%
26	13.083	1697	1701	1706	rVB8	3579	6839	0.16%	0.013%
27	13.229	1722	1726	1730	rBV5	7140	9902	0.24%	0.020%
28	13.347	1742	1746	1750	rVB6	3849	6043	0.14%	0.012%
29	13.447	1755	1763	1768	rBV7	6181	10789	0.26%	0.021%
30	13.582	1780	1786	1793	rBV10	5352	10860	0.26%	0.021%
31	13.788	1817	1821	1824	rBV4	2918	4310	0.10%	0.009%
32	13.952	1846	1849	1854	rBV4	2984	6538	0.16%	0.013%
33	14.023	1854	1861	1866	rVV	1721411	2544542	61.04%	5.021%
34	14.070	1866	1869	1878	rVV	254717	356628	8.56%	0.704%

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Integration Parameters: LSCINT.P

Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : SVOA CALIBRATION

35	14.134	1878	1880	1887	rVB6	6539	10798	0.26%	0.021%
36	14.316	1900	1911	1923	rBV	2123473	3380652	81.10%	6.670%
37	14.393	1923	1924	1929	rVV5	4187	5596	0.13%	0.011%
38	14.457	1929	1935	1937	rVV5	3362	5266	0.13%	0.010%
39	14.510	1937	1944	1950	rVV	31294	44385	1.06%	0.088%
40	14.622	1950	1963	1974	rVV2	1345214	2194065	52.64%	4.329%
41	14.704	1974	1977	1982	rVB6	4287	5180	0.12%	0.010%
42	14.845	1994	2001	2025	rBV	385807	1051613	25.23%	2.075%
43	15.010	2026	2029	2032	rVB5	8692	12244	0.29%	0.024%
44	15.063	2033	2038	2045	rVV5	10944	29354	0.70%	0.058%
45	15.127	2045	2049	2057	rVB8	12425	21963	0.53%	0.043%
46	15.192	2057	2060	2063	rBV5	7902	10502	0.25%	0.021%
47	15.356	2083	2088	2090	rBV5	4870	8381	0.20%	0.017%
48	15.403	2091	2096	2100	rVV4	8849	16878	0.40%	0.033%
49	15.456	2100	2105	2111	rVB	79011	103813	2.49%	0.205%
50	15.515	2111	2115	2120	rBV7	8644	18444	0.44%	0.036%
51	15.609	2120	2131	2141	rVB	2676638	4006528	96.12%	7.905%
52	15.732	2141	2152	2163	rBV	649477	1050047	25.19%	2.072%
53	15.856	2166	2173	2178	rBV3	50242	99501	2.39%	0.196%
54	15.897	2178	2180	2183	rVB3	8911	8183	0.20%	0.016%
55	15.956	2188	2190	2194	rVB4	10562	10591	0.25%	0.021%
56	16.009	2196	2199	2204	rVB6	14512	20549	0.49%	0.041%
57	16.073	2206	2210	2214	rBV5	12838	19459	0.47%	0.038%
58	16.255	2238	2241	2243	rBV4	7500	8475	0.20%	0.017%
59	16.314	2245	2251	2261	rBV2	84108	155791	3.74%	0.307%
60	16.385	2262	2263	2268	rVB5	9400	10473	0.25%	0.021%
61	16.567	2290	2294	2301	rVB10	9491	22099	0.53%	0.044%
62	16.661	2305	2310	2312	rBV4	14791	23926	0.57%	0.047%
63	16.767	2324	2328	2334	rBV9	11377	18225	0.44%	0.036%
64	16.819	2334	2337	2341	rBV5	13395	13778	0.33%	0.027%
65	16.890	2344	2349	2353	rBV7	9103	16618	0.40%	0.033%
66	16.960	2360	2361	2367	rVB6	8765	10886	0.26%	0.021%
67	17.002	2367	2368	2371	rBV3	6813	6957	0.17%	0.014%
68	17.101	2379	2385	2389	rBV	54083	77495	1.86%	0.153%
69	17.154	2390	2394	2398	rVB7	17687	26605	0.64%	0.052%
70	17.354	2421	2428	2437	rBV2	1424606	2257009	54.15%	4.453%
71	17.454	2439	2445	2457	rVB	2521763	3853363	92.44%	7.603%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	17.842	2500	2511	2515	rBV	17724	52420	1.26%	0.103%
73	18.124	2553	2559	2563	rBV8	8900	13504	0.32%	0.027%
74	18.171	2563	2567	2572	rBV7	7658	16058	0.39%	0.032%
75	18.235	2574	2578	2594	rBV3	166549	350709	8.41%	0.692%
76	18.535	2624	2629	2631	rBV6	13315	22076	0.53%	0.044%
77	19.381	2768	2773	2776	rBV3	48586	81193	1.95%	0.160%
78	19.499	2790	2793	2801	rBV10	47883	104118	2.50%	0.205%
79	19.628	2811	2815	2822	rBV5	33051	70155	1.68%	0.138%
80	19.734	2827	2833	2844	rBV2	2707413	4036345	96.83%	7.964%
81	21.602	3144	3151	3160	rBV	1441112	2324750	55.77%	4.587%
82	23.829	3527	3530	3545	rVB3	106931	286851	6.88%	0.566%
83	24.552	3642	3653	3671	rVB2	1533908	4168364	100.00%	8.225%
84	24.763	3678	3689	3703	rVB2	970469	2809075	67.39%	5.543%
85	25.856	3868	3875	3885	rVB3	114520	345214	8.28%	0.681%
86	27.160	4092	4097	4112	rVB4	117196	400490	9.61%	0.790%

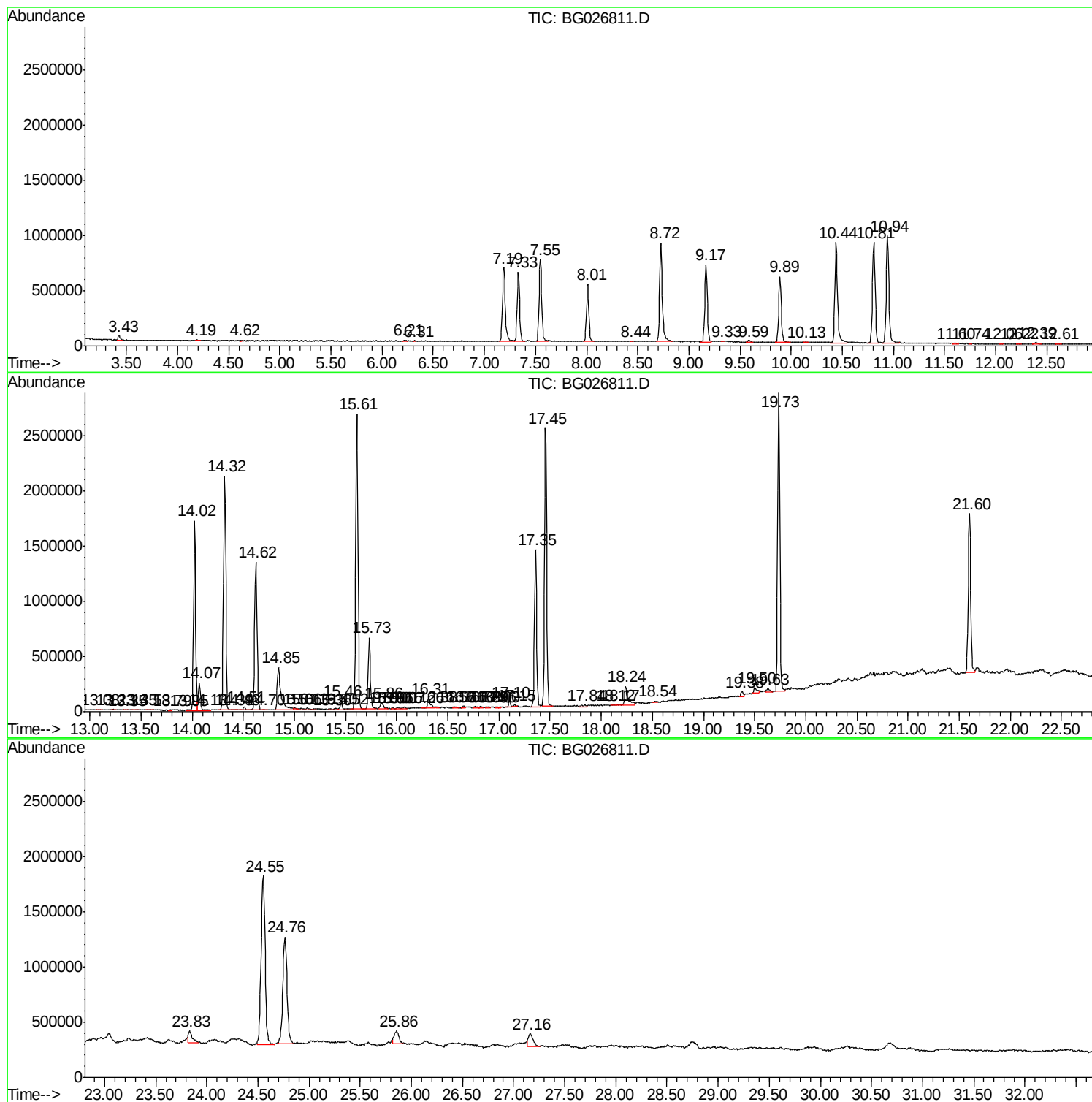
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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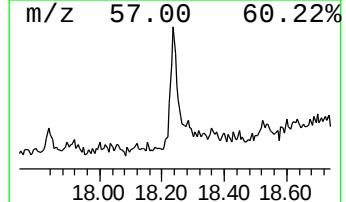
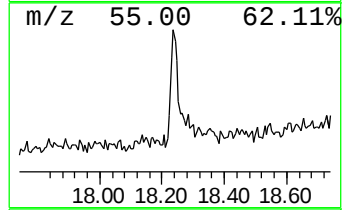
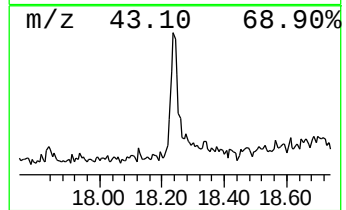
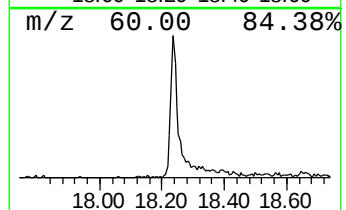
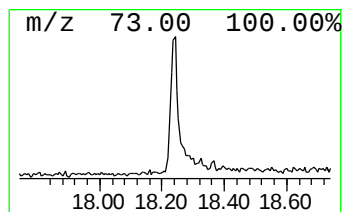
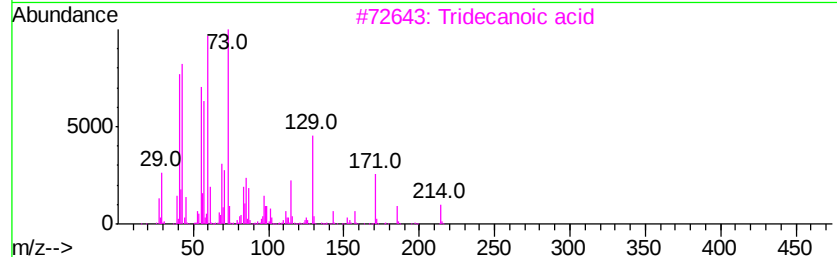
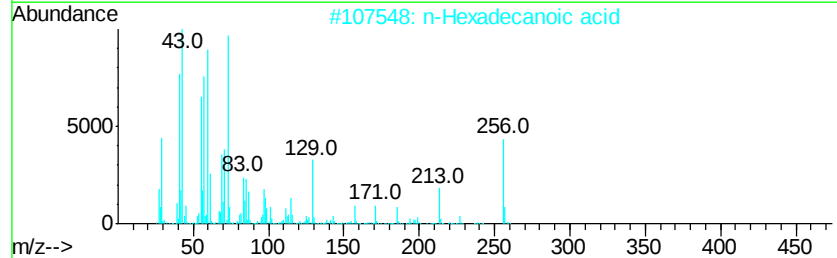
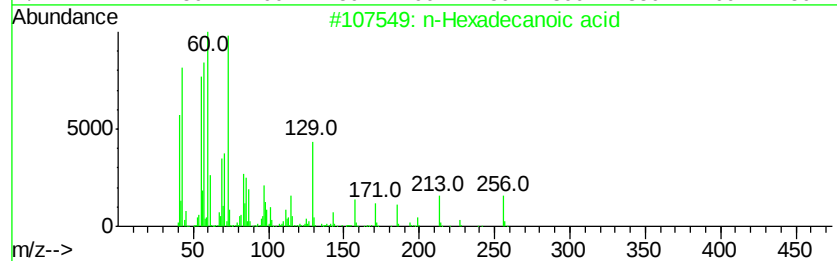
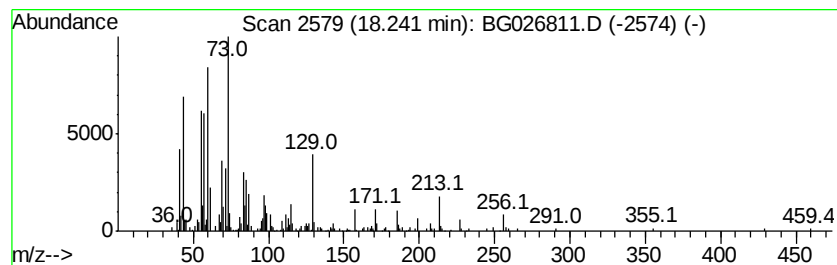
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.11 ng/ul	350709	Phenanthrene-d10	17.36		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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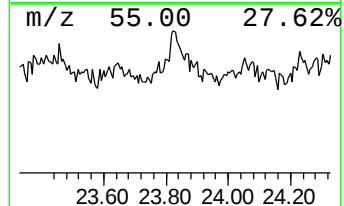
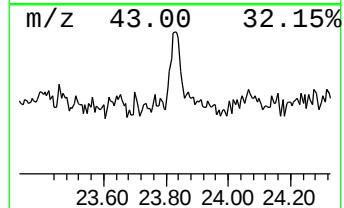
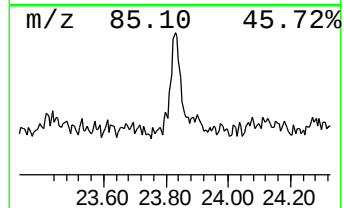
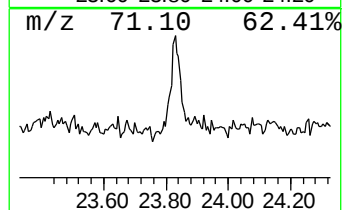
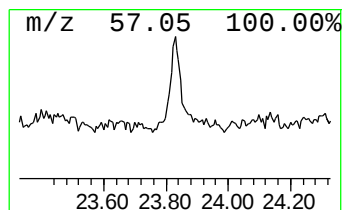
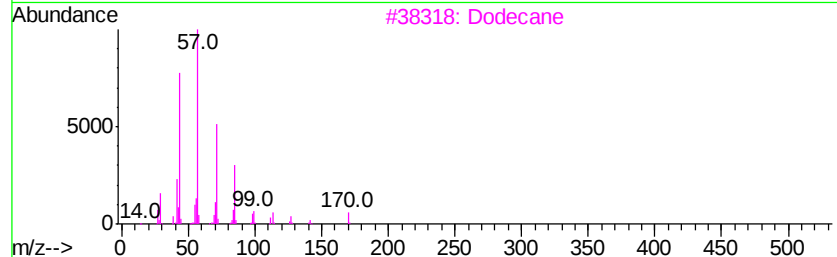
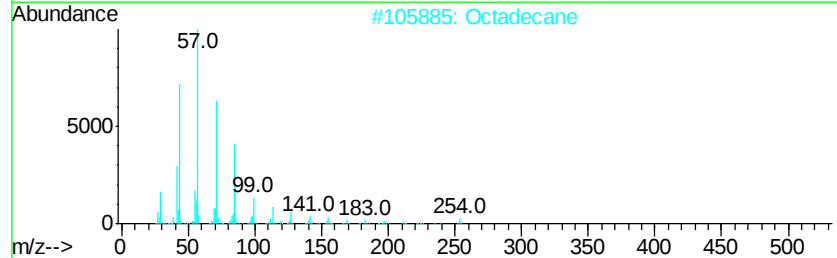
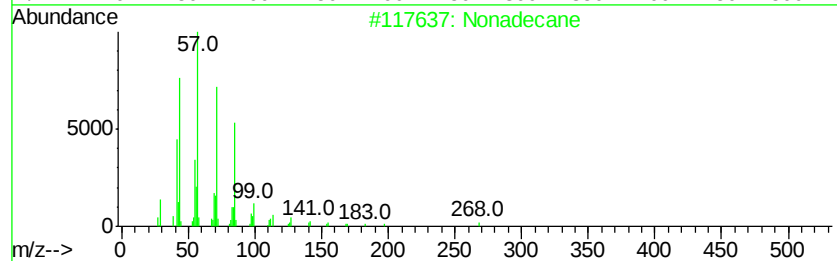
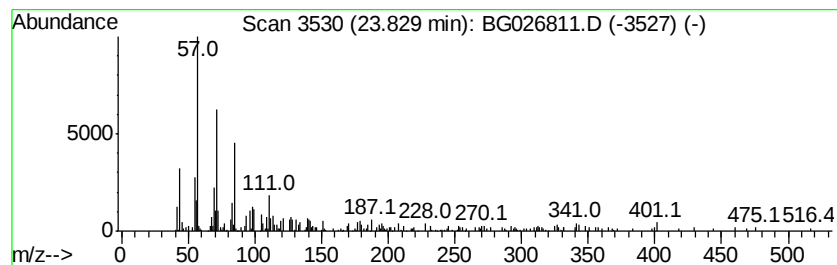
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.04 ng/ul	286851	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Octadecane	254	C18H38	000593-45-3	76
3		Dodecane	170	C12H26	000112-40-3	76
4		Octadecane	254	C18H38	000593-45-3	76
5		Nonadecane	268	C19H40	000629-92-5	76



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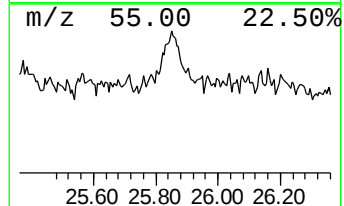
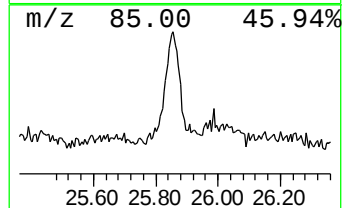
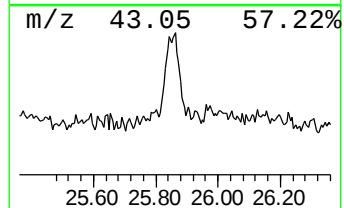
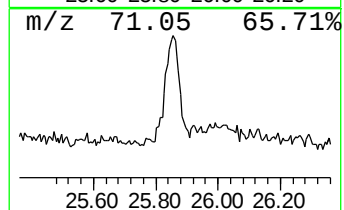
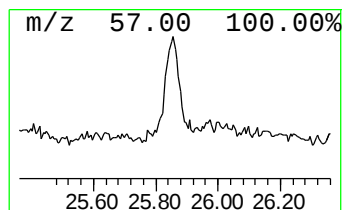
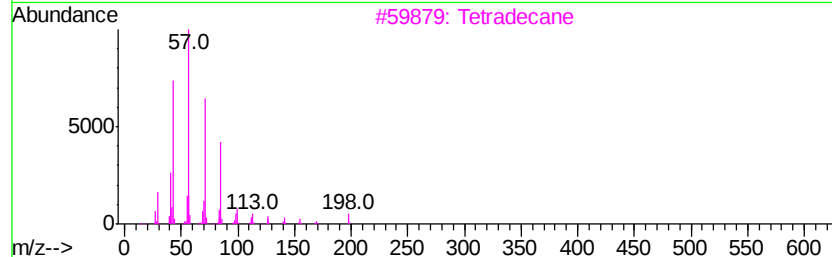
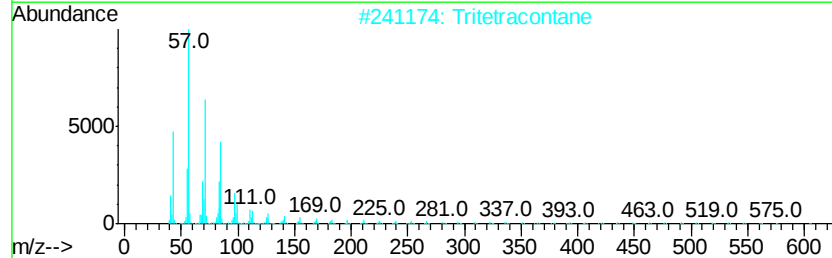
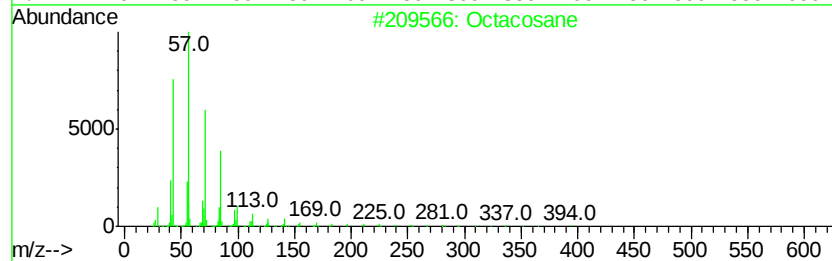
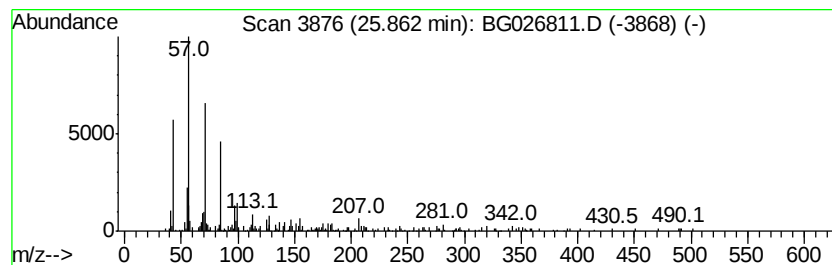
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	2.46 ng/ul	345214	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Tritetracontane	605	C43H88	007098-21-7	74
3		Tetradecane	198	C14H30	000629-59-4	74
4		2-methyloctacosane	408	C29H60	1000376-72-8	74
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74



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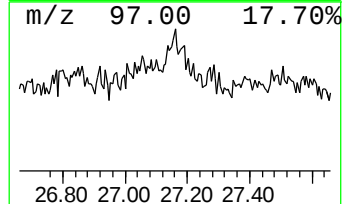
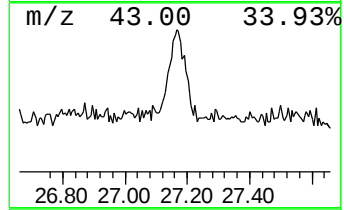
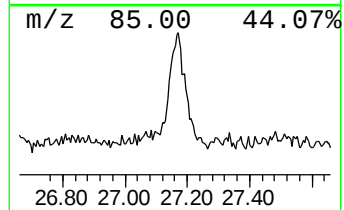
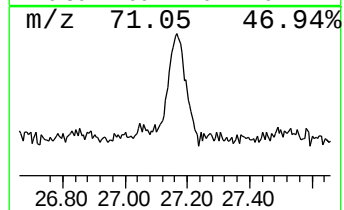
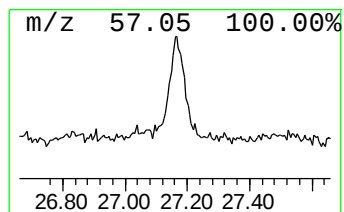
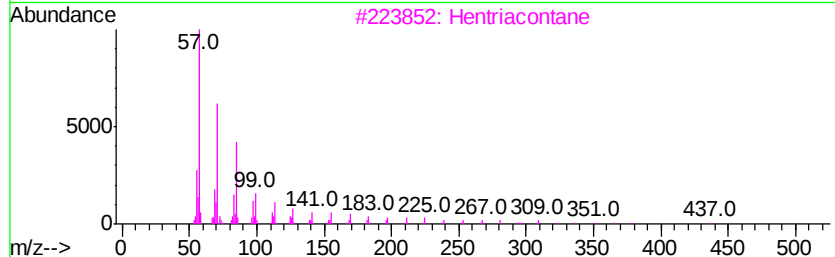
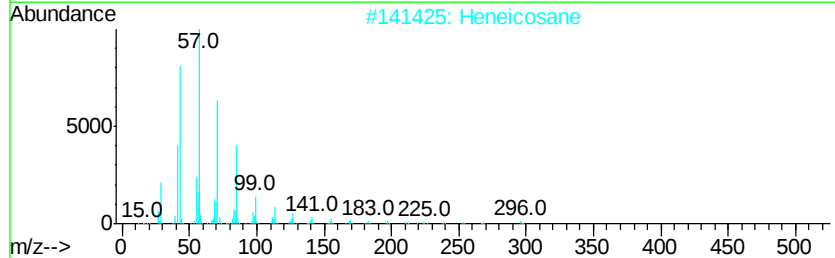
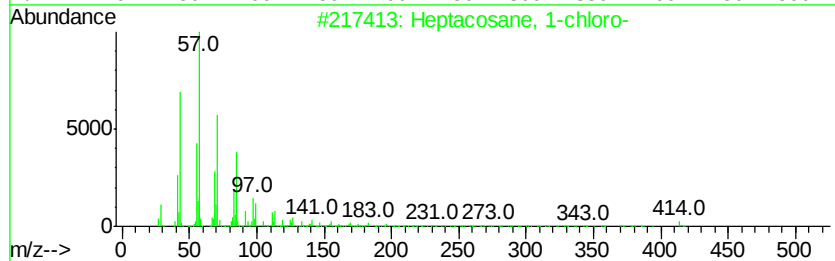
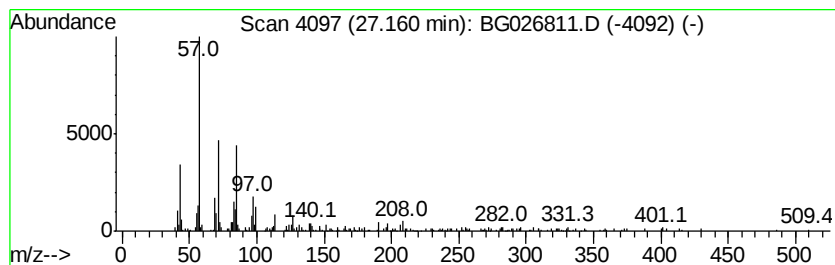
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.85 ng/ul	400490	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Pentatriacontane	493	C35H72	000630-07-9	80
5			NORBOLETHONE	316	C21H32O2	1000357-12-9	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026811.D
Acq On : 1 May 2017 17:55
Operator : SJ/MA
Sample : I2850-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHST6

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	3.1	ng/ul	350709	4	17.36	2257010	20.0
(DEL) Alkane: Str...	23.83	2.0	ng/ul	286851	6	24.77	2809080	20.0
(DEL) Alkane: Str...	25.86	2.5	ng/ul	345214	6	24.77	2809080	20.0
Heptacosane, 1-ch...	27.16	2.9	ng/ul	400490	6	24.77	2809080	20.0