

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
 Data File : BG028349.D
 Acq On : 15 Aug 2017 18:40
 Operator : SJ/JU
 Sample : I4672-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ2

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	3.684	14	16	21	rVB4	2637	4403	0.34%	0.032%
2	3.843	35	43	53	rVB6	8771	14598	1.11%	0.105%
3	4.348	123	129	137	rBV5	2812	5108	0.39%	0.037%
4	4.460	143	148	153	rVB3	2336	2747	0.21%	0.020%
5	4.889	216	221	224	rVB3	1400	2501	0.19%	0.018%
6	5.218	273	277	282	rBV3	1556	2804	0.21%	0.020%
7	5.465	312	319	327	rVB7	3366	9990	0.76%	0.072%
8	5.517	327	328	334	rBV3	1915	2966	0.23%	0.021%
9	5.705	354	360	364	rVB3	2077	4002	0.30%	0.029%
10	6.087	422	425	430	rVB2	1458	2730	0.21%	0.020%
11	6.434	482	484	495	rVB3	1774	4579	0.35%	0.033%
12	6.528	499	500	504	rBV2	2440	2531	0.19%	0.018%
13	6.575	504	508	511	rVV3	2353	3157	0.24%	0.023%
14	6.834	548	552	557	rBV3	1691	2974	0.23%	0.021%
15	6.986	572	578	582	rBV4	1633	3758	0.29%	0.027%
16	7.027	582	585	589	rVB3	2426	3217	0.24%	0.023%
17	7.298	627	631	637	rVB3	1247	2459	0.19%	0.018%
18	7.509	660	667	680	rBV	159380	320798	24.42%	2.300%
19	7.674	686	695	707	rBV	110880	197972	15.07%	1.419%
20	7.897	724	733	748	rBV2	145596	286762	21.83%	2.056%
21	8.156	772	777	781	rVB4	1840	2853	0.22%	0.020%
22	8.361	804	812	821	rBV2	133675	241909	18.41%	1.734%
23	8.843	890	894	898	rVB2	1671	2534	0.19%	0.018%
24	9.054	920	930	948	rBV3	199156	398802	30.36%	2.859%
25	9.525	1000	1010	1022	rBV	158570	318004	24.21%	2.280%
26	9.624	1022	1027	1031	rVB2	1688	3551	0.27%	0.025%
27	9.895	1064	1073	1076	rBV	2023	4227	0.32%	0.030%
28	10.253	1126	1134	1147	rVB	141932	273309	20.80%	1.959%
29	10.418	1155	1162	1165	rBV2	899	2493	0.19%	0.018%
30	10.794	1217	1226	1244	rBV	198099	416485	31.70%	2.985%
31	11.111	1275	1280	1284	rVB2	2481	3474	0.26%	0.025%
32	11.176	1284	1291	1306	rVB	218528	422846	32.19%	3.031%
33	11.311	1306	1314	1332	rBV	179349	366091	27.87%	2.624%
34	12.139	1451	1455	1458	rBV3	1529	2477	0.19%	0.018%

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
 Data File : BG028349.D
 Acq On : 15 Aug 2017 18:40
 Operator : SJ/JU
 Sample : I4672-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ2

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

35	12.533	1520	1522	1528	rVB3	1738	2551	0.19%	0.018%
36	12.627	1532	1538	1545	rVB3	2906	6176	0.47%	0.044%
37	12.733	1553	1556	1562	rVB3	3506	4901	0.37%	0.035%
38	12.874	1578	1580	1587	rVB	1619	2686	0.20%	0.019%
39	12.962	1587	1595	1598	rBV2	1550	3279	0.25%	0.024%
40	13.026	1602	1606	1613	rVB3	1820	3520	0.27%	0.025%
41	13.555	1692	1696	1701	rBV3	2261	3651	0.28%	0.026%
42	13.755	1726	1730	1733	rBV	2293	3311	0.25%	0.024%
43	14.143	1793	1796	1801	rBV2	1486	2577	0.20%	0.018%
44	14.354	1823	1832	1836	rBV	432728	644863	49.09%	4.623%
45	14.395	1836	1839	1849	rVB	120486	180319	13.73%	1.293%
46	14.660	1874	1884	1896	rBV	450967	745108	56.72%	5.341%
47	14.742	1896	1898	1903	rVB3	2145	2760	0.21%	0.020%
48	14.812	1905	1910	1917	rBV5	4412	7848	0.60%	0.056%
49	14.965	1927	1936	1954	rBV2	377895	644848	49.08%	4.622%
50	15.171	1963	1971	1993	rBV	106323	271016	20.63%	1.943%
51	15.365	1999	2004	2011	rVB5	15371	27272	2.08%	0.195%
52	15.512	2024	2029	2031	rVB4	1850	3124	0.24%	0.022%
53	15.559	2035	2037	2044	rVB3	2011	3759	0.29%	0.027%
54	15.653	2051	2053	2059	rBV4	2789	3788	0.29%	0.027%
55	15.723	2061	2065	2067	rBV2	5316	6589	0.50%	0.047%
56	15.764	2067	2072	2078	rVB3	12450	19522	1.49%	0.140%
57	15.823	2078	2082	2087	rVB4	2719	4488	0.34%	0.032%
58	15.952	2096	2104	2117	rBV	590555	980786	74.66%	7.031%
59	16.070	2117	2124	2136	rVV2	184047	301908	22.98%	2.164%
60	16.193	2138	2145	2152	rVB7	7345	18034	1.37%	0.129%
61	16.311	2161	2165	2168	rVB3	2173	2784	0.21%	0.020%
62	16.381	2173	2177	2182	rVB5	3218	6541	0.50%	0.047%
63	16.452	2182	2189	2193	rBV5	2795	6452	0.49%	0.046%
64	16.528	2199	2202	2206	rBV3	1979	2597	0.20%	0.019%
65	16.622	2212	2218	2226	rBV2	18103	32036	2.44%	0.230%
66	16.816	2248	2251	2261	rVB6	4166	8073	0.61%	0.058%
67	16.904	2261	2266	2271	rBV7	2856	5234	0.40%	0.038%
68	16.969	2271	2277	2281	rBV5	4102	8508	0.65%	0.061%
69	17.022	2283	2286	2290	rVB2	2848	3861	0.29%	0.028%
70	17.086	2290	2297	2300	rBV6	5170	7943	0.60%	0.057%
71	17.304	2333	2334	2341	rVB3	2136	3384	0.26%	0.024%

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
 Data File : BG028349.D
 Acq On : 15 Aug 2017 18:40
 Operator : SJ/JU
 Sample : I4672-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ2

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

72	17.357	2341	2343	2348	rVB3	3315	4984	0.38%	0.036%
73	17.415	2348	2353	2359	rBV2	15304	27141	2.07%	0.195%
74	17.509	2366	2369	2371	rBV3	3262	3243	0.25%	0.023%
75	17.574	2376	2380	2381	rBV2	2430	2635	0.20%	0.019%
76	17.715	2393	2404	2415	rBV	485479	824301	62.74%	5.909%
77	17.815	2415	2421	2430	rVV	647392	1055303	80.33%	7.565%
78	17.885	2430	2433	2441	rVB7	14596	23224	1.77%	0.166%
79	17.962	2445	2446	2451	rBV4	4919	3411	0.26%	0.024%
80	18.156	2476	2479	2485	rVB4	7692	9871	0.75%	0.071%
81	18.250	2492	2495	2498	rVB4	3332	2988	0.23%	0.021%
82	18.344	2507	2511	2513	rBV5	3104	2918	0.22%	0.021%
83	18.455	2529	2530	2533	rBV3	2931	3322	0.25%	0.024%
84	18.561	2542	2548	2557	rBV3	64587	131718	10.03%	0.944%
85	18.708	2569	2573	2579	rVB8	4335	8058	0.61%	0.058%
86	18.778	2582	2585	2590	rBV7	6173	6402	0.49%	0.046%
87	18.837	2594	2595	2600	rVB4	7252	8620	0.66%	0.062%
88	18.943	2609	2613	2617	rVB5	8548	13658	1.04%	0.098%
89	19.072	2633	2635	2638	rBV4	3399	4089	0.31%	0.029%
90	19.460	2699	2701	2703	rBV3	5701	5113	0.39%	0.037%
91	19.624	2726	2729	2732	rBV5	5302	7201	0.55%	0.052%
92	19.748	2733	2750	2757	rVV2	47319	145886	11.10%	1.046%
93	19.818	2757	2762	2770	rBV6	46369	93675	7.13%	0.671%
94	19.977	2787	2789	2794	rVB5	10169	7809	0.59%	0.056%
95	20.089	2801	2808	2820	rBV	806307	1313756	100.00%	9.417%
96	22.045	3133	3141	3161	rBV	467274	992271	75.53%	7.113%
97	24.466	3550	3553	3566	rVB9	29205	81483	6.20%	0.584%
98	25.324	3688	3699	3719	rBV3	294752	1058813	80.59%	7.590%
99	25.565	3732	3740	3754	rVB2	208323	677482	51.57%	4.856%
100	26.740	3933	3940	3954	rVB6	34067	105744	8.05%	0.758%

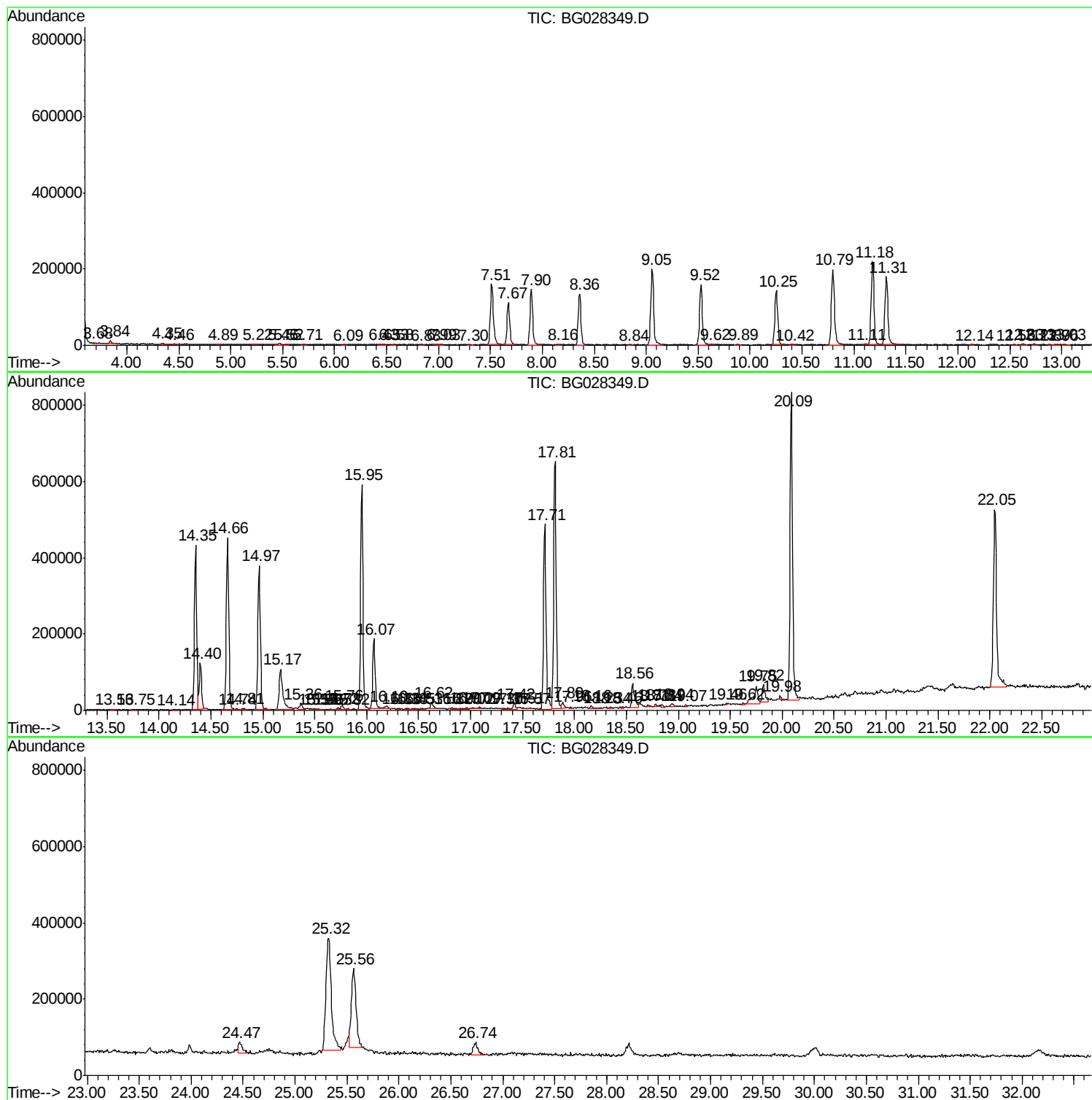
Sum of corrected areas: 13950327

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ2

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



Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

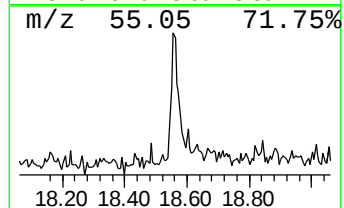
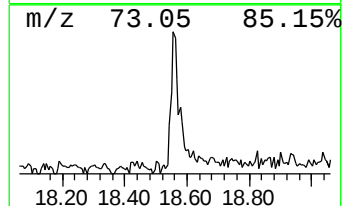
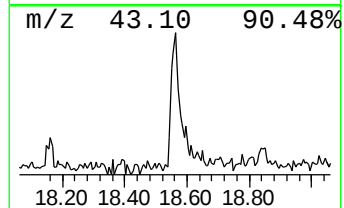
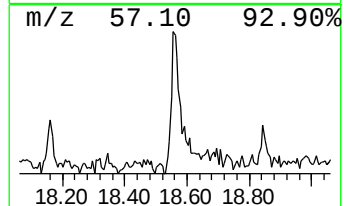
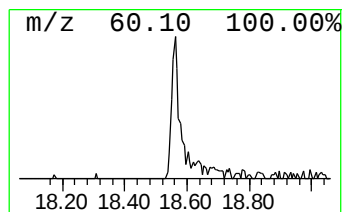
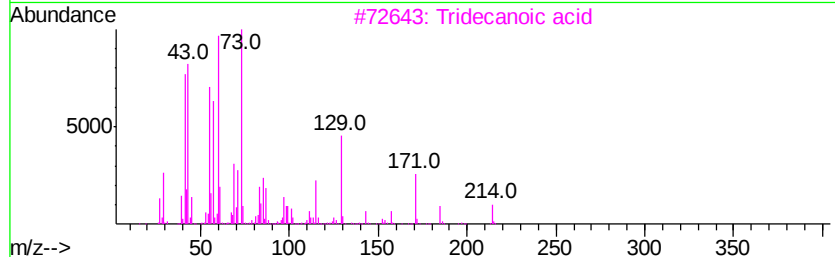
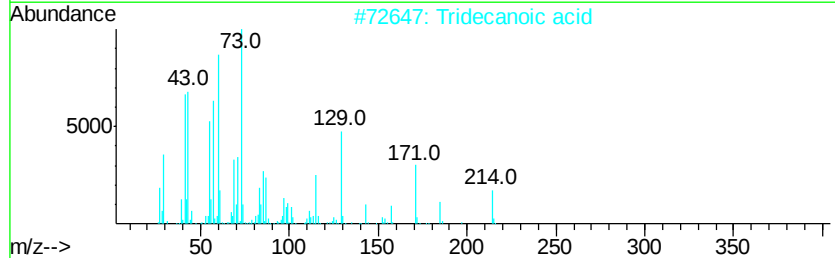
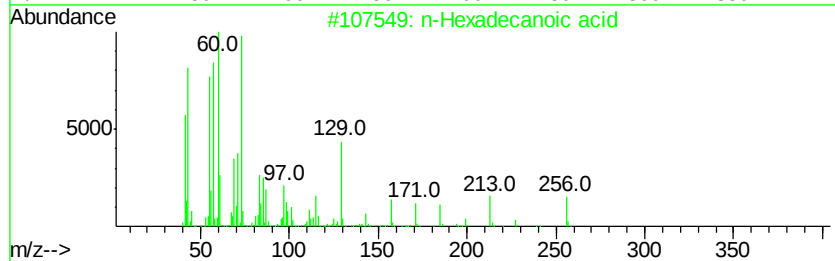
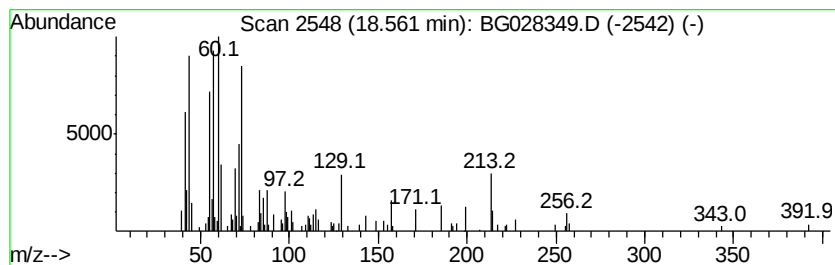
Instrument :
BNA_G
ClientSampleId :
C0AJ2

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 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.56	3.20 ng/ul	131718	Phenanthrene-d10	17.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ2

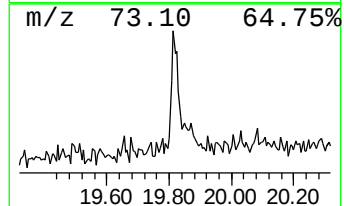
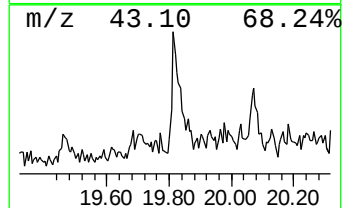
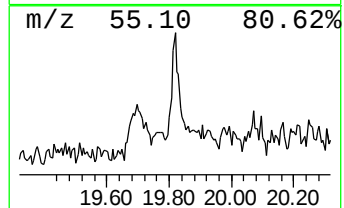
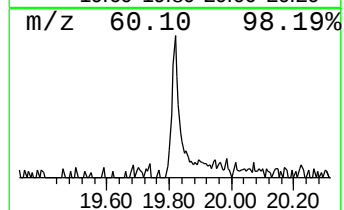
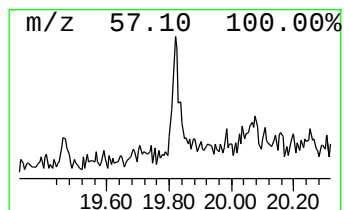
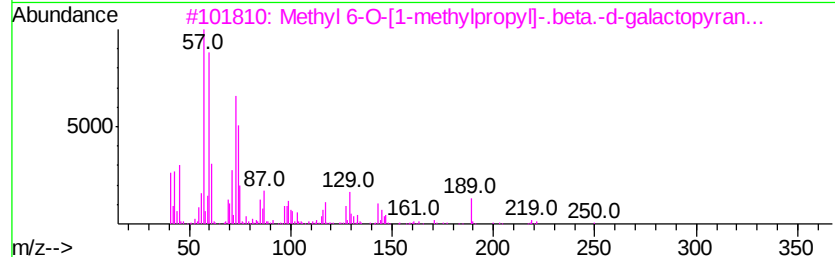
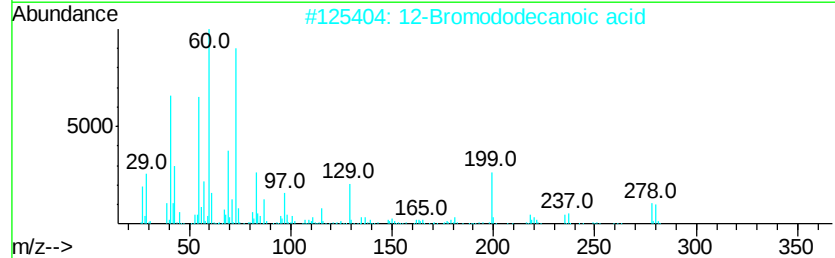
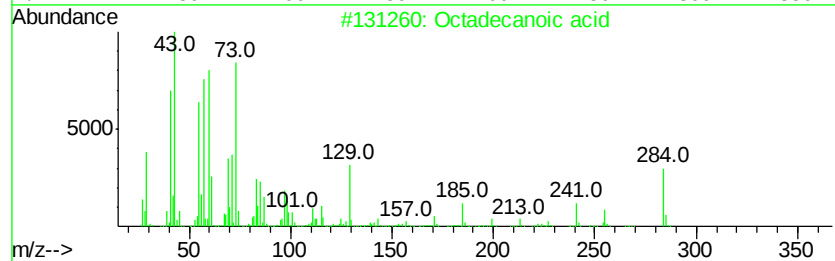
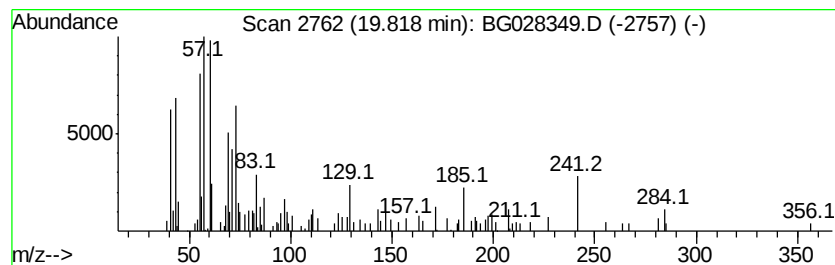
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.27 ng/ul	93675	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	43
2		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	38
3		Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	38
4		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38
5		Octadecanoic acid	284	C18H36O2	000057-11-4	38



Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ2

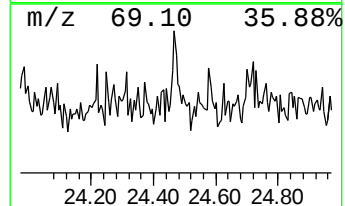
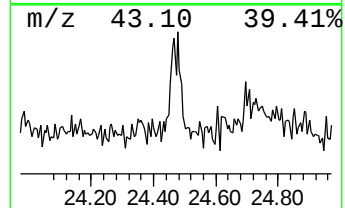
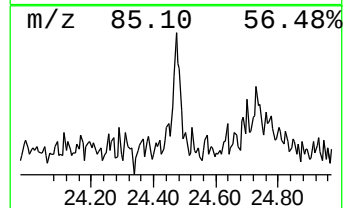
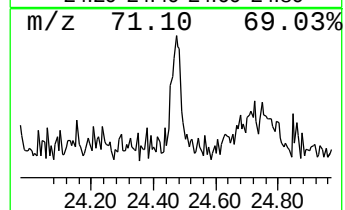
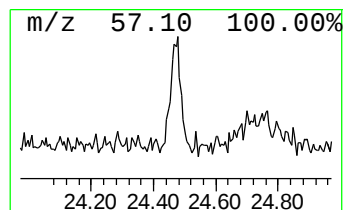
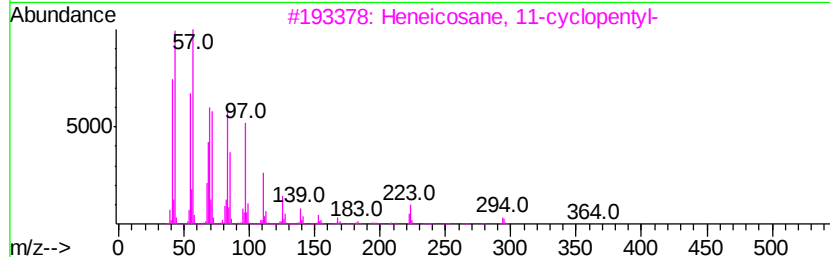
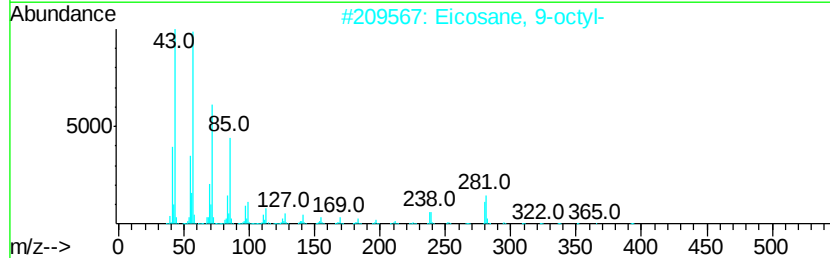
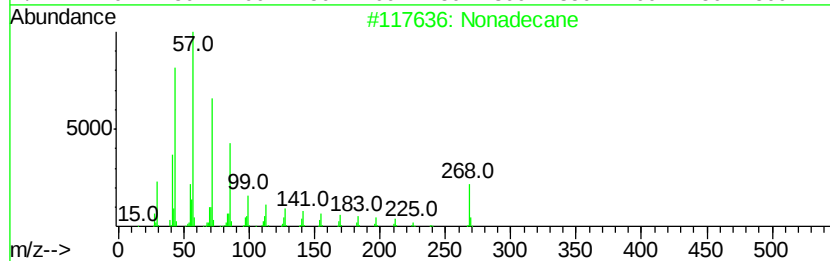
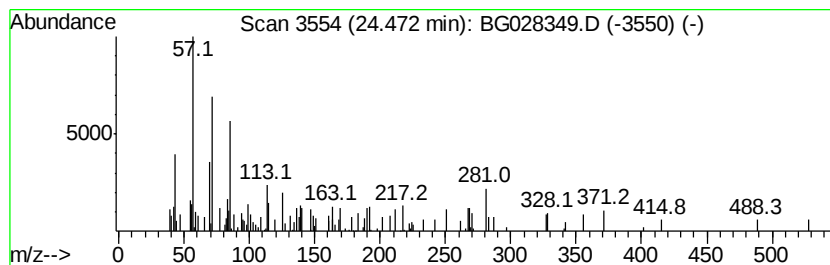
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	2.41 ng/ul	81483	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	41
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	38
3		Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	35
4		Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	27
5		Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	27



Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ2

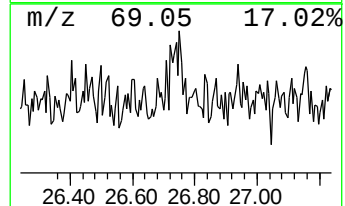
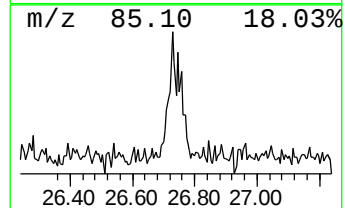
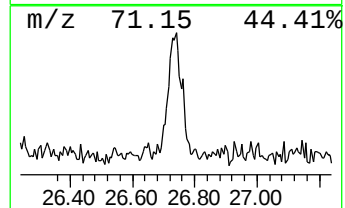
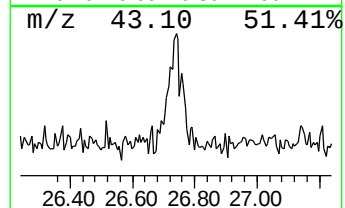
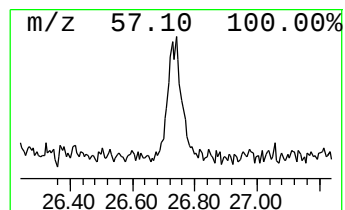
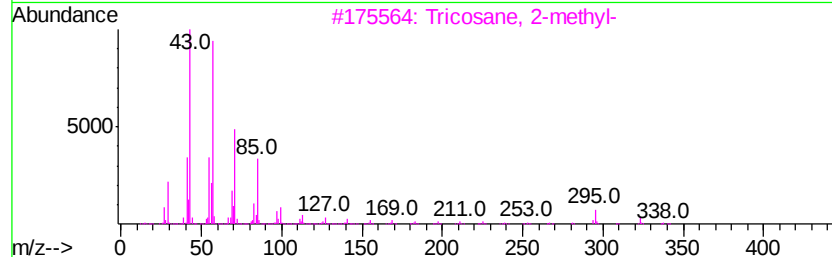
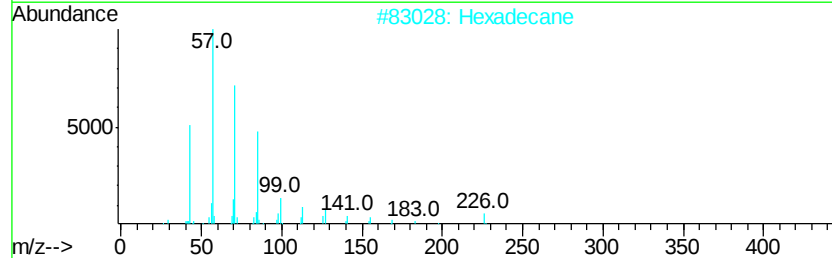
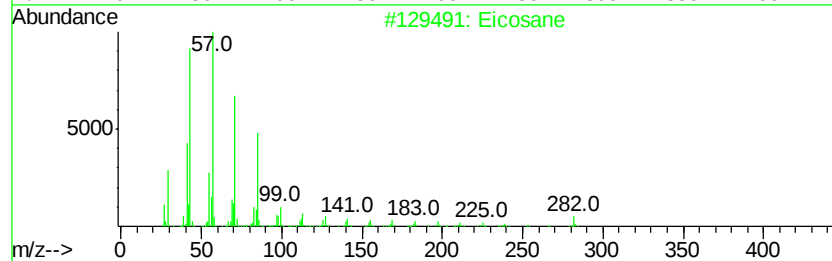
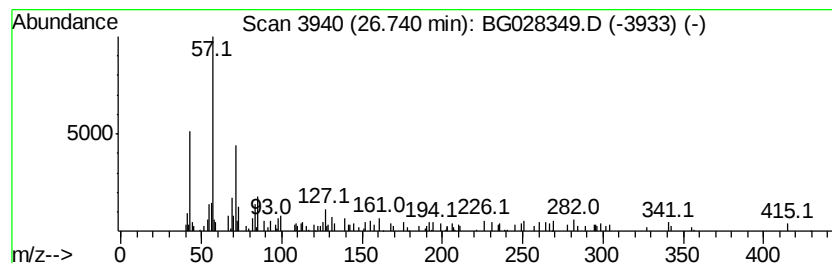
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	3.12 ng/ul	105744	Perylene-d12	25.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	45
2			Hexadecane	226	C16H34	000544-76-3	38
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	38
4			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35



Data Path : Z:\HPCHEM1\BNA_G\Data\BG081517\
Data File : BG028349.D
Acq On : 15 Aug 2017 18:40
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ2

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
n-Hexadecanoic acid	18.56	3.2	ng/ul	131718	4	17.71	824301	20.0
unknown-01	19.82	2.3	ng/ul	93675	4	17.71	824301	20.0
(DEL) Alkane: Str...	24.47	2.4	ng/ul	81483	6	25.56	677482	20.0
(DEL) Alkane: Str...	26.74	3.1	ng/ul	105744	6	25.56	677482	20.0