

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027053.D
 Acq On : 22 May 2017 11:40
 Operator : SJ/MA
 Sample : I3211-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF001-02

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	3.217	19	22	28	rVB8	5694	7788	0.26%	0.019%
2	3.358	43	46	52	rVB7	3594	6324	0.21%	0.016%
3	3.428	52	58	71	rVB	52608	93086	3.09%	0.232%
4	3.781	117	118	124	rBV5	3308	4907	0.16%	0.012%
5	3.857	128	131	139	rVB8	3248	7101	0.24%	0.018%
6	4.180	184	186	193	rVB5	3119	6678	0.22%	0.017%
7	4.944	309	316	318	rVB6	2521	4673	0.16%	0.012%
8	5.132	347	348	353	rBV3	3985	4791	0.16%	0.012%
9	6.101	505	513	515	rBV6	3014	5058	0.17%	0.013%
10	6.219	527	533	538	rBV6	5085	9484	0.31%	0.024%
11	6.507	576	582	588	rBV3	2516	5366	0.18%	0.013%
12	7.059	670	676	690	rBV5	10672	33207	1.10%	0.083%
13	7.188	690	698	715	rVV	514856	1018003	33.80%	2.532%
14	7.329	715	722	734	rVV	481122	797268	26.47%	1.983%
15	7.418	734	737	747	rVB9	6237	10162	0.34%	0.025%
16	7.547	749	759	778	rBV	559704	1019918	33.87%	2.537%
17	8.005	829	837	850	rBV	545041	960624	31.90%	2.389%
18	8.311	881	889	890	rBV5	4909	9158	0.30%	0.023%
19	8.728	952	960	988	rBV	672403	1333282	44.27%	3.316%
20	9.168	1024	1035	1052	rBV	522844	973136	32.31%	2.421%
21	9.315	1052	1060	1073	rBV6	17603	47665	1.58%	0.119%
22	9.574	1100	1104	1112	rBV3	7022	11051	0.37%	0.027%
23	9.891	1149	1158	1173	rBV	444897	817227	27.14%	2.033%
24	10.202	1209	1211	1218	rVB4	2373	5204	0.17%	0.013%
25	10.443	1243	1252	1273	rBV	633596	1309201	43.47%	3.256%
26	10.579	1273	1275	1279	rVV3	4782	7822	0.26%	0.019%
27	10.608	1279	1280	1285	rVV4	4026	5480	0.18%	0.014%
28	10.661	1285	1289	1294	rVB5	2937	5865	0.19%	0.015%
29	10.808	1302	1314	1325	rVV	894041	1610673	53.48%	4.006%
30	10.943	1330	1337	1352	rBV	458359	874604	29.04%	2.175%
31	11.049	1353	1355	1361	rVB4	2967	5079	0.17%	0.013%
32	11.636	1450	1455	1457	rBV5	3034	4738	0.16%	0.012%
33	12.065	1522	1528	1533	rVV3	7956	12612	0.42%	0.031%
34	12.288	1561	1566	1572	rBV3	3663	5778	0.19%	0.014%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027053.D
 Acq On : 22 May 2017 11:40
 Operator : SJ/MA
 Sample : I3211-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF001-02

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

35	12.382	1578	1582	1596	rVB4	12602	26956	0.90%	0.067%
36	12.776	1644	1649	1657	rBV6	5140	10891	0.36%	0.027%
37	12.935	1669	1676	1680	rBV7	2630	5838	0.19%	0.015%
38	13.023	1684	1691	1693	rBV5	4439	8365	0.28%	0.021%
39	13.228	1718	1726	1735	rBV4	16134	35042	1.16%	0.087%
40	13.346	1735	1746	1756	rVV9	5993	22900	0.76%	0.057%
41	13.440	1756	1762	1769	rVV7	3714	9719	0.32%	0.024%
42	13.510	1769	1774	1779	rVB3	2987	5151	0.17%	0.013%
43	13.599	1779	1789	1794	rBV6	3697	10289	0.34%	0.026%
44	13.939	1844	1847	1853	rVB4	5079	7346	0.24%	0.018%
45	14.022	1853	1861	1865	rBV	1256634	1821251	60.48%	4.530%
46	14.069	1865	1869	1877	rVB	601713	866405	28.77%	2.155%
47	14.133	1879	1880	1887	rVB6	3946	5274	0.18%	0.013%
48	14.198	1887	1891	1898	rVB6	4165	7135	0.24%	0.018%
49	14.315	1901	1911	1931	rVB	1539561	2444275	81.17%	6.080%
50	14.503	1937	1943	1950	rVB2	19359	27187	0.90%	0.068%
51	14.621	1953	1963	1976	rBV2	1216601	2006214	66.62%	4.990%
52	14.856	1996	2003	2025	rBV2	237077	671116	22.29%	1.669%
53	15.114	2045	2047	2054	rVB7	7645	11519	0.38%	0.029%
54	15.185	2054	2059	2065	rBV9	6576	12515	0.42%	0.031%
55	15.396	2091	2095	2099	rBV	12339	18660	0.62%	0.046%
56	15.449	2099	2104	2110	rVV2	45850	56658	1.88%	0.141%
57	15.608	2123	2131	2148	rBV	1889503	2843711	94.43%	7.073%
58	15.743	2148	2154	2165	rBV	350471	556610	18.48%	1.384%
59	15.849	2165	2172	2177	rVV4	39378	76681	2.55%	0.191%
60	15.890	2177	2179	2184	rVV5	5169	8457	0.28%	0.021%
61	15.949	2184	2189	2194	rVV7	7247	14065	0.47%	0.035%
62	16.002	2194	2198	2203	rVB5	9920	14419	0.48%	0.036%
63	16.066	2205	2209	2215	rVB6	8983	12761	0.42%	0.032%
64	16.307	2245	2250	2261	rBV	70257	115256	3.83%	0.287%
65	16.383	2261	2263	2267	rVB4	6813	7002	0.23%	0.017%
66	16.483	2275	2280	2285	rVB8	8977	14530	0.48%	0.036%
67	16.554	2285	2292	2300	rBV8	5724	16586	0.55%	0.041%
68	16.654	2304	2309	2317	rVV10	9949	26001	0.86%	0.065%
69	16.712	2317	2319	2322	rVV4	6615	6889	0.23%	0.017%
70	16.754	2322	2326	2333	rVV8	12686	29799	0.99%	0.074%
71	16.818	2333	2337	2340	rVB5	9922	14587	0.48%	0.036%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027053.D
 Acq On : 22 May 2017 11:40
 Operator : SJ/MA
 Sample : I3211-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF001-02

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

72	16.883	2342	2348	2351	rBV8	7604	11761	0.39%	0.029%
73	17.094	2379	2384	2389	rBV	59997	81918	2.72%	0.204%
74	17.147	2389	2393	2405	rVB6	25823	44105	1.46%	0.110%
75	17.253	2405	2411	2416	rBV9	7306	12633	0.42%	0.031%
76	17.359	2417	2429	2438	rBV	1370860	2079477	69.05%	5.172%
77	17.459	2438	2446	2453	rVV2	1835823	2842960	94.40%	7.071%
78	17.564	2461	2464	2469	rVB6	10062	14026	0.47%	0.035%
79	17.617	2470	2473	2483	rVB6	6926	16417	0.55%	0.041%
80	17.717	2484	2490	2492	rBV7	3952	7089	0.24%	0.018%
81	17.835	2501	2510	2519	rBV	36657	57029	1.89%	0.142%
82	18.005	2534	2539	2544	rBV4	14978	19899	0.66%	0.049%
83	18.111	2549	2557	2561	rBV9	12859	23448	0.78%	0.058%
84	18.234	2572	2578	2587	rBV	198018	349138	11.59%	0.868%
85	18.528	2624	2628	2635	rBV10	11014	19998	0.66%	0.050%
86	18.599	2636	2640	2644	rVB7	7993	12801	0.43%	0.032%
87	18.651	2644	2649	2654	rBV9	12117	23523	0.78%	0.059%
88	19.374	2766	2772	2781	rBV	32220	67448	2.24%	0.168%
89	19.503	2788	2794	2803	rBV7	51366	114435	3.80%	0.285%
90	19.627	2811	2815	2820	rVB3	24330	39030	1.30%	0.097%
91	19.738	2825	2834	2846	rBV	2133326	3011470	100.00%	7.491%
92	21.325	3101	3104	3119	rVB	27402	88284	2.93%	0.220%
93	21.607	3144	3152	3162	rBV	1259418	2091419	69.45%	5.202%
94	23.023	3385	3393	3410	rBV	399650	888478	29.50%	2.210%
95	23.228	3421	3428	3435	rVB2	202701	393745	13.07%	0.979%
96	23.816	3524	3528	3536	rVB4	57512	124380	4.13%	0.309%
97	24.562	3645	3655	3675	rBV2	780948	2664734	88.49%	6.628%
98	24.774	3680	3691	3712	rVB3	533043	1827113	60.67%	4.545%
99	25.843	3866	3873	3882	rVB5	71404	191656	6.36%	0.477%
100	27.147	4091	4095	4111	rVB4	70333	203922	6.77%	0.507%

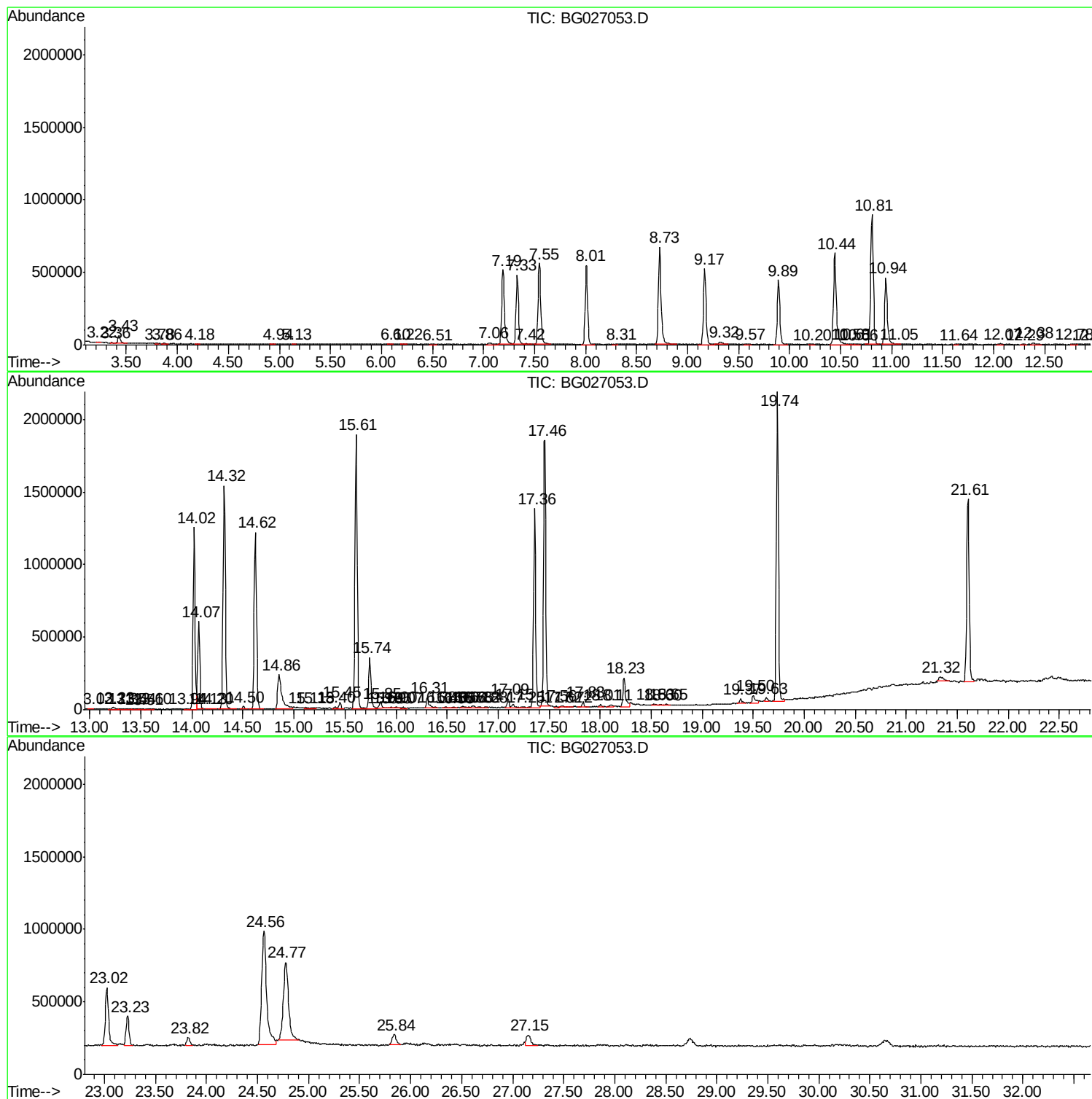
Sum of corrected areas: 40203409

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

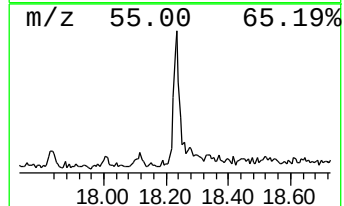
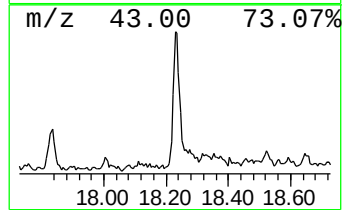
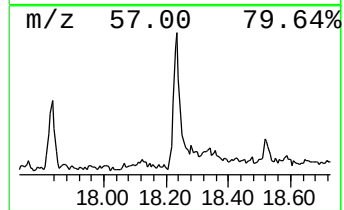
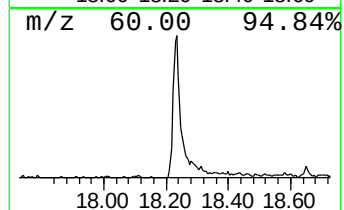
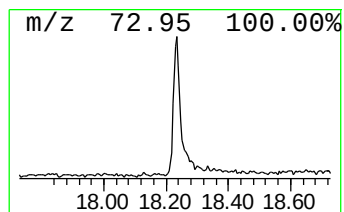
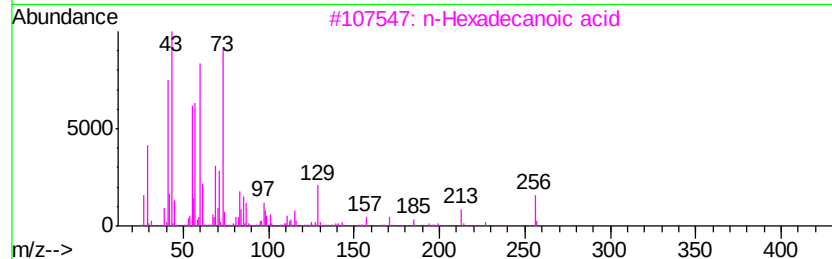
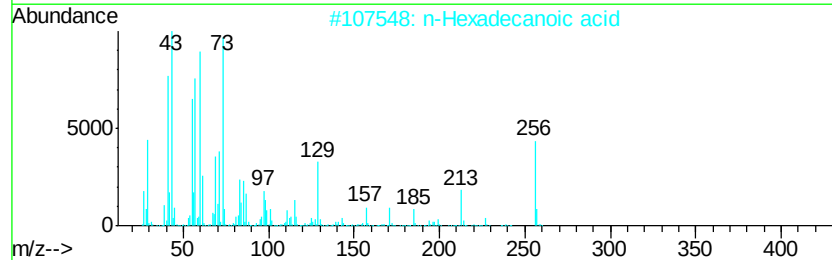
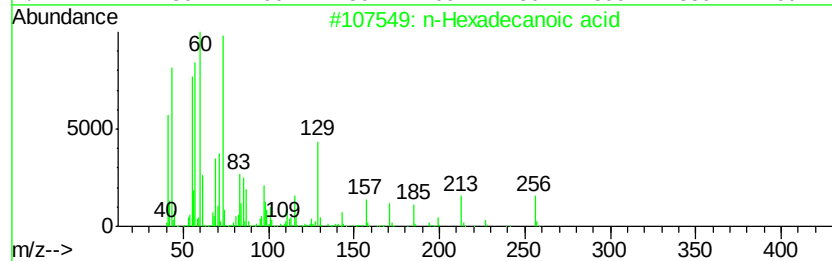
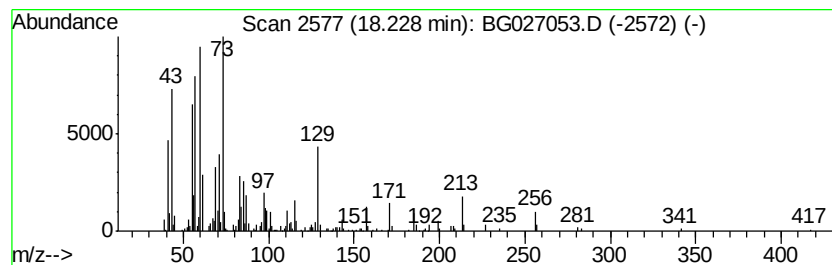
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.36 ng/ul	349138	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

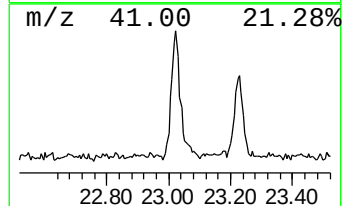
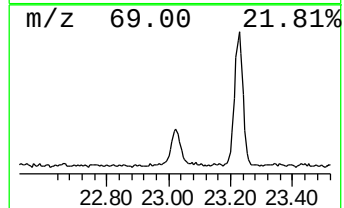
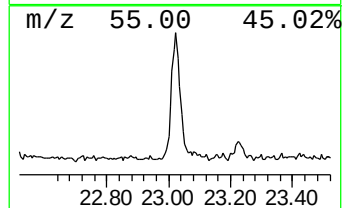
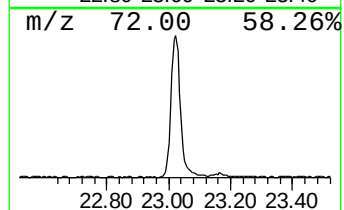
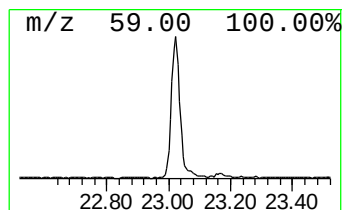
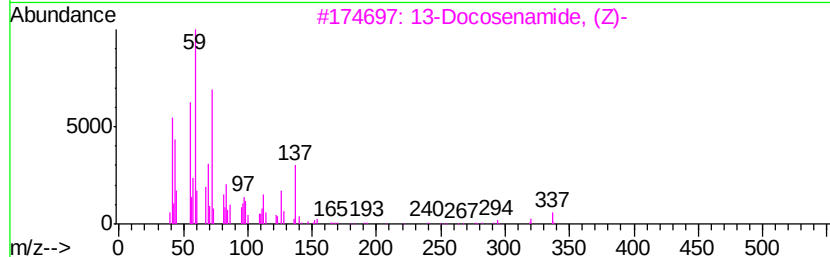
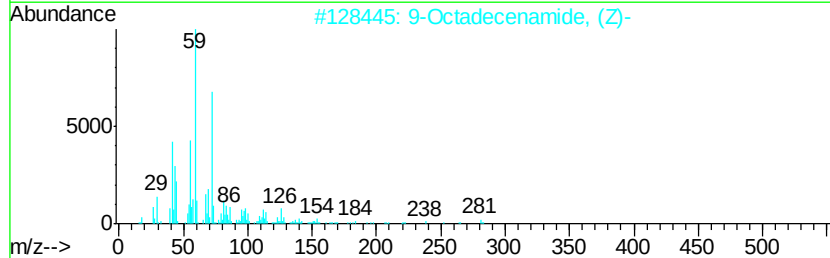
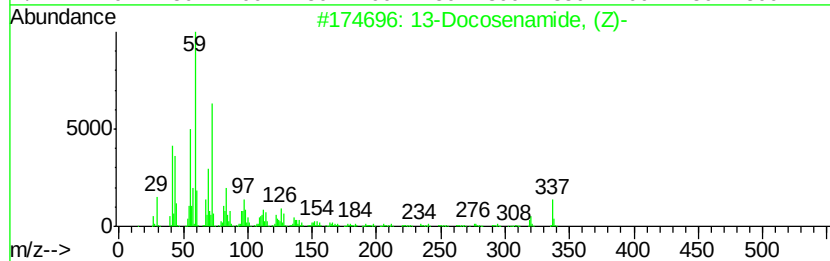
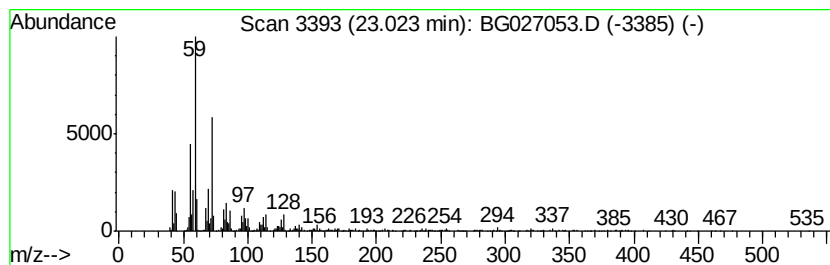
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	8.50 ng/ul	888478	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
5		Tetradecanamide	227	C14H29NO	000638-58-4	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

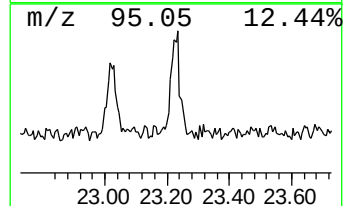
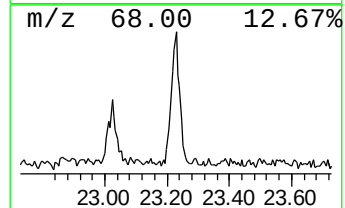
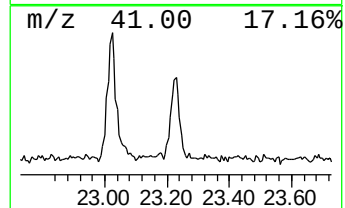
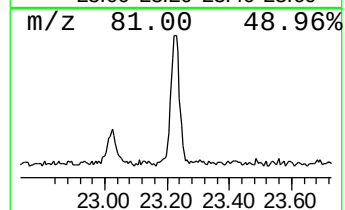
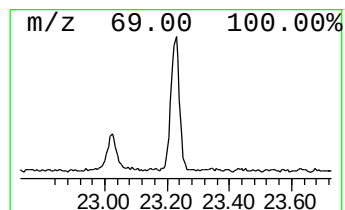
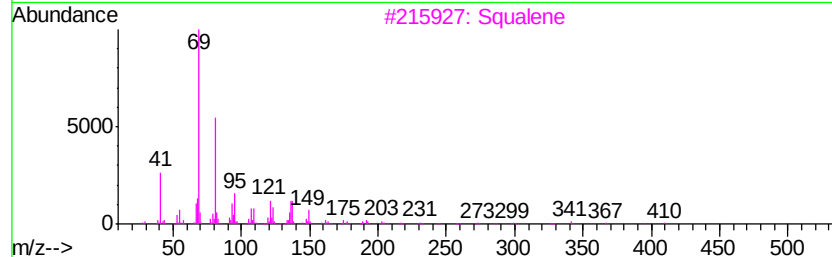
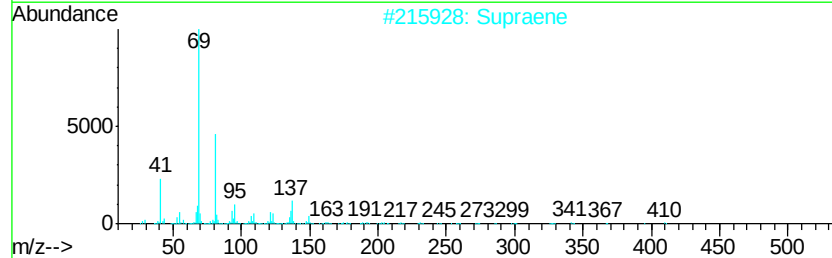
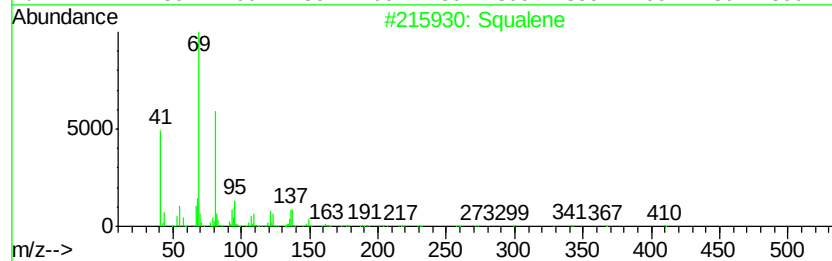
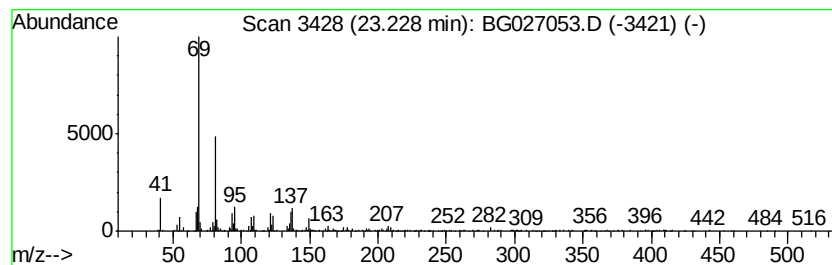
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	4.31 ng/ul	393745	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	99
3		Squalene	410	C30H50	000111-02-4	97
4		Squalene	410	C30H50	000111-02-4	90
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

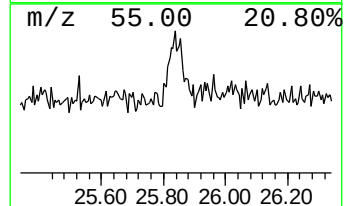
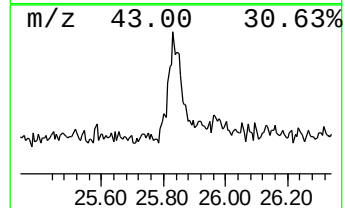
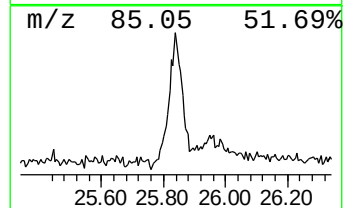
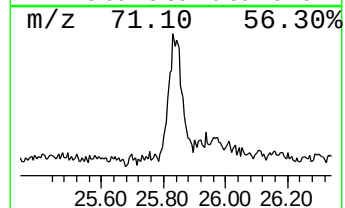
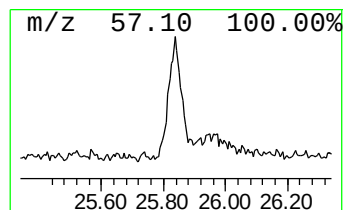
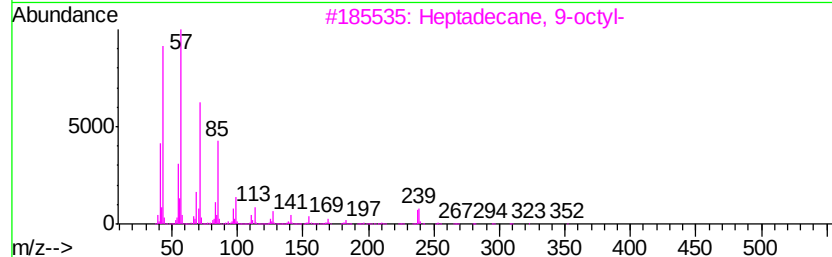
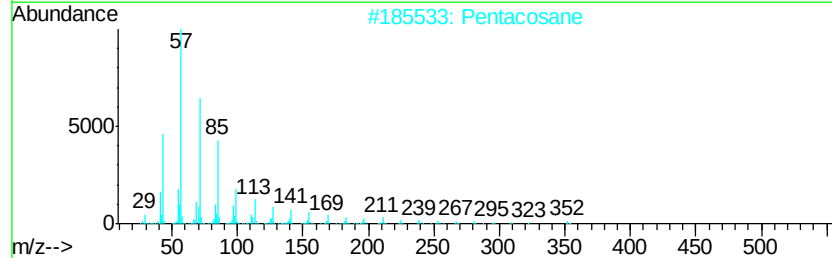
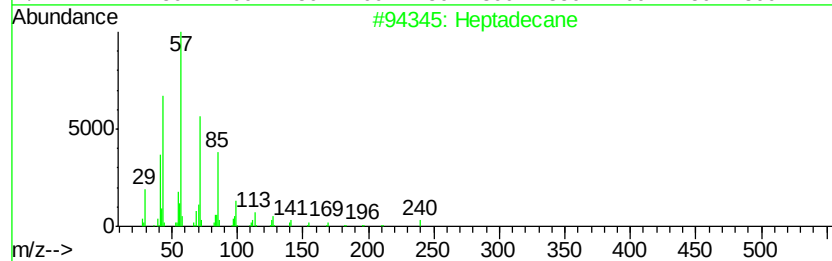
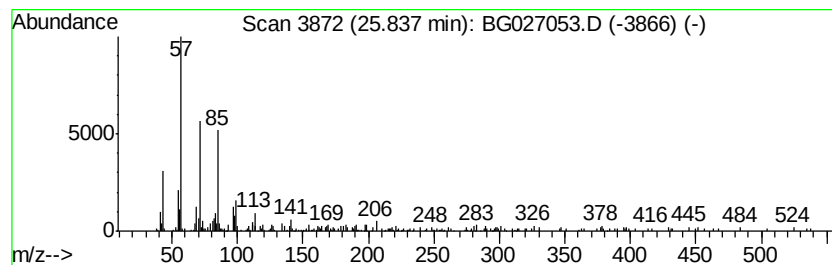
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.10 ng/ul	191656	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Pentacosane	352	C25H52	000629-99-2	78
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
4		Tridecane	184	C13H28	000629-50-5	74
5		Octadecane	254	C18H38	000593-45-3	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

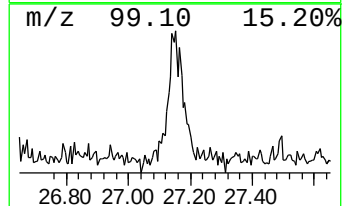
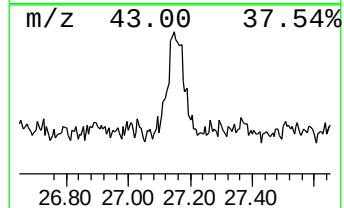
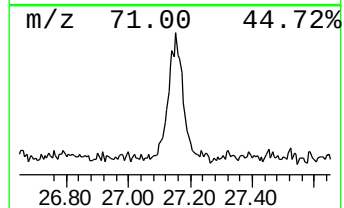
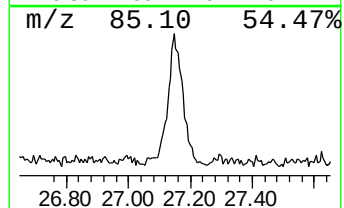
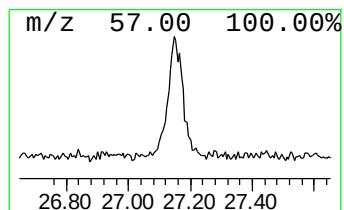
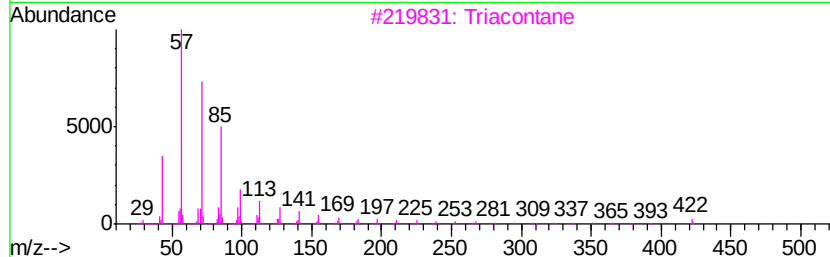
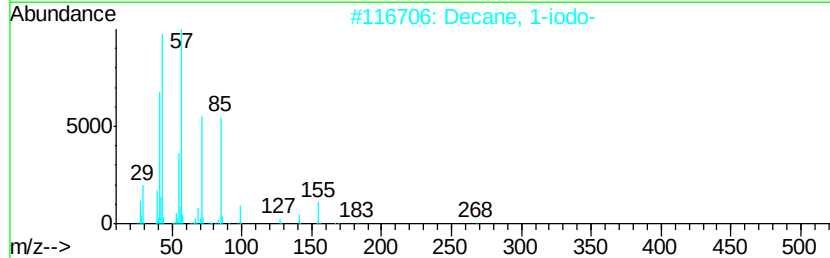
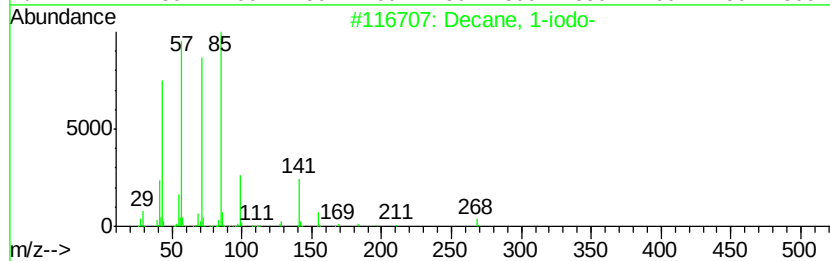
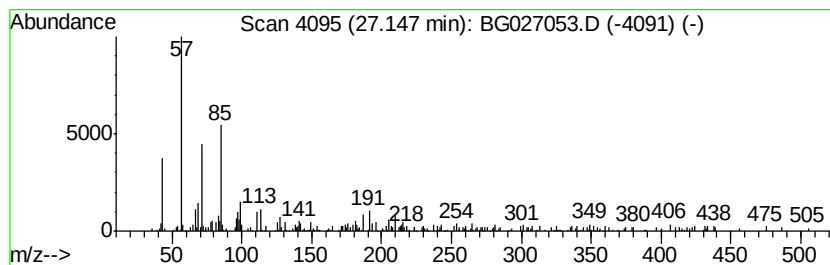
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Decane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.23 ng/ul	203922	Perylene-d12	24.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-		268	C10H21I	002050-77-3	68
2	Decane, 1-iodo-		268	C10H21I	002050-77-3	59
3	Triacontane		422	C30H62	000638-68-6	55
4	13-Methylnonacosane		422	C30H62	007371-98-4	55
5	Heptadecane		240	C17H36	000629-78-7	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027053.D
Acq On : 22 May 2017 11:40
Operator : SJ/MA
Sample : I3211-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF001-02

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	18.23	3.4	ng/ul	349138	4	17.36	2079480	20.0
13-Docosenamide, ...	23.02	8.5	ng/ul	888478	5	21.61	2091420	20.0
Squalene	23.23	4.3	ng/ul	393745	6	24.78	1827110	20.0
(DEL) Alkane: Str...	25.84	2.1	ng/ul	191656	6	24.78	1827110	20.0
Decane, 1-iodo-	27.15	2.2	ng/ul	203922	6	24.78	1827110	20.0