LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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-BG061617.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	4.002	12	19	27	rBV2	7960	17597	0.80%	0.064%
2	4.078	27	32	40	rVB2	12233	20050	0.91%	0.073%
3	5.929	337	347	354	rVB7	2296	4779	0.22%	0.017%
4	6.599	456	461	474	rBV5	6112	15621	0.71%	0.057%
5	7.151	542	555	560	rVV8	2602	5635	0.26%	0.020%
6	7.456	601	607	614	rBV6	4192	8250	0.38%	0.030%
7	7.656	632	641	656	rBV2	50248	141639	6.45%	0.515%
8	7.833	663	671	683	rVB	164064	286445	13.03%	1.041%
9	8.056	698	709	718	rBV	154558	294663	13.41%	1.071%
10	8.520	770	788	801	rBV	177341	321232	14.62%	1.167%
11	9.196	895	903	917	rVV	136868	258424	11.76%	0.939%
12	9.683	977	986	1003	rVV	194973	385371	17.54%	1.400%
13	9.813	1003	1008	1015	rVB4	7301	12535	0.57%	0.046%
14	10.406	1099	1109	1120	rBV2	169364	317416	14.44%	1.153%
15	10.823	1174	1180	1190	rBV3	9701	18855	0.86%	0.069%
16	10.941	1192	1200	1213	rVB	242544	464877	21.15%	1.689%
17	11.340	1260	1268	1282	rVB	279430	545341	24.82%	1.982%
18	11.464	1282	1289	1302	rBV3	18127	41024	1.87%	0.149%
19	12.756	1504	1509	1516	rBV	15976	29530	1.34%	0.107%
20	12.885	1525	1531	1538	rBV5	3883	8085	0.37%	0.029%
21	13.461	1624	1629	1641	rVB3	8151	15290	0.70%	0.056%
22	13.696	1665	1669	1683	rBV5	8933	23395	1.06%	0.085%
23	13.890	1696	1702	1708	rVV7	6181	10386	0.47%	0.038%
24	13.972	1708	1716	1724	rVV	16133	26339	1.20%	0.096%
25	14.055	1724	1730	1736	rVB5	7001	11010	0.50%	0.040%
26	14.390	1777	1787	1796	rBV3	23396	49008	2.23%	0.178%
27	14.489	1796	1804	1808	rVV	532361	815917	37.13%	2.965%
28	14.536	1808	1812	1819	rVB	383362	563944	25.66%	2.049%
29	14.748	1838	1848	1850	rBV3	7341	13886	0.63%	0.050%
30	14.801	1850	1857	1869	rVB	576961	957543	43.57%	3.480%
31	14.959	1875	1884	1893	rVB	23055	33680	1.53%	0.122%
32	15.106	1901	1909	1917	rBV2	461135	793247	36.10%	2.883%
33	15.277	1931	1938	1949	rBV2	65993	124724	5.68%	0.453%
34	15.406	1953	1960	1964	rVB7	3233	5814	0.26%	0.021%

LSC Area Percent Report

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Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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-BG061617.M
Title : SVOA CALIBRATION

35	15.465	1964	1970	1982	rBV3	37252	83801	3.81%	0.305%
36	15.565	1984	1987	1995	rVB6	7645	13849	0.63%	0.050%
37	15.641	1996	2000	2010	rVB5	6943	15160	0.69%	0.055%
38	15.811	2016	2029	2035	rBV3	10317	25326	1.15%	0.092%
39	15.864	2035	2038	2040	rVV3	4711	5837	0.27%	0.021%
40	15.900	2040	2044	2050	rVB	50704	71875	3.27%	0.261%
41	15.970	2050	2056	2058	rBV5	5041	8905	0.41%	0.032%
42	16.093	2069	2077	2085	rBV	769454	1254307	57.08%	4.558%
43	16.193	2087	2094	2106	rVB	276212	431670	19.64%	1.569%
44	16.311	2106	2114	2126	rBV8	14530	57723	2.63%	0.210%
45	16.399	2126	2129	2134	rVV5	7342	10832	0.49%	0.039%
46	16.452	2134	2138	2146	rVB6	8738	16013	0.73%	0.058%
47	16.528	2146	2151	2155	rBV5	7733	11144	0.51%	0.040%
48	16.704	2177	2181	2185	rBV7	3360	6187	0.28%	0.022%
49	16.763	2185	2191	2200	rBV2	71836	127514	5.80%	0.463%
50	16.951	2220	2223	2231	rVB9	5198	12031	0.55%	0.044%
51	17.028	2232	2236	2239	rBV6	3790	5259	0.24%	0.019%
52	17.104	2243	2249	2254	rBV7	8244	18513	0.84%	0.067%
53	17.204	2262	2266	2276	rVV10	17554	45268	2.06%	0.164%
54	17.274	2276	2278	2287	rVB8	4650	9347	0.43%	0.034%
55	17.374	2293	2295	2300	rVB5	2569	4471	0.20%	0.016%
56	17.515	2315	2319	2322	rVV5	9208	13362	0.61%	0.049%
57	17.556	2322	2326	2331	rVV	36438	50063	2.28%	0.182%
58	17.615	2331	2336	2346	rVB9	8224	24282	1.10%	0.088%
59	17.715	2348	2353	2357	rBV8	5339	8220	0.37%	0.030%
60	17.774	2357	2363	2370	rVV8	3010	7359	0.33%	0.027%
61	17.856	2370	2377	2387	rVV2	609212	987272	44.93%	3.588%
62	17.956	2387	2394	2404	rVV	868775	1402164	63.81%	5.095%
63	18.026	2404	2406	2414	rVB9	4055	8282	0.38%	0.030%
64	18.097	2414	2418	2422	rVB6	3731	6486	0.30%	0.024%
65	18.303	2447	2453	2456	rBV5	6738	10401	0.47%	0.038%
66	18.350	2456	2461	2466	rVB8	6257	11718	0.53%	0.043%
67	18.479	2478	2483	2487	rVB7	3827	7167	0.33%	0.026%
68	18.573	2488	2499	2512	rBV7	25130	72768	3.31%	0.264%
69	18.702	2512	2521	2544	rBV	634995	1201899	54.69%	4.368%
70	19.019	2571	2575	2586	rVB9	12168	27543	1.25%	0.100%
71	19.108	2586	2590	2595	rBV2	23571	30165	1.37%	0.110%

LSC Area Percent Report

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Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 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-BG061617.M
Title : SVOA CALIBRATION

72	19.207	2606	2607	2617	rVB10	4332	7758	0.35%	0.028%
73	19.348	2625	2631	2639	rBV10	12760	32444	1.48%	0.118%
74	19.536	2658	2663	2664	rBV4	9555	13731	0.62%	0.050%
75	19.766	2697	2702	2705	rBV7	6883	12627	0.57%	0.046%
76	19.818	2705	2711	2728	rBV2	495086	1317428	59.95%	4.787%
77	19.959	2728	2735	2752	rVV	994497	1614811	73.48%	5.868%
78	20.118	2756	2762	2767	rBV2	79063	120338	5.48%	0.437%
79	20.224	2770	2780	2801	rVB2	1051808	2197509	100.00%	7.985%
80	20.400	2807	2810	2820	rVB5	13120	30696	1.40%	0.112%
81	20.811	2877	2880	2884	rVB6	9368	15138	0.69%	0.055%
82	21.041	2916	2919	2921	rBV3	10158	10928	0.50%	0.040%
83	21.093	2921	2928	2941	rVV3	172990	386671	17.60%	1.405%
84	21.223	2945	2950	2954	rBV	95920	128511	5.85%	0.467%
85	21.264	2954	2957	2963	rVB	124527	153776	7.00%	0.559%
86	21.793	3041	3047	3060	rBV10	36092	153433	6.98%	0.558%
87	22.063	3086	3093	3102	rBV	629772	952347	43.34%	3.461%
88	22.233	3114	3122	3131	rBV	584642	1118886	50.92%	4.066%
89	23.508	3333	3339	3348	rVB2	69821	145964	6.64%	0.530%
90	24.084	3429	3437	3446	rVB	265621	564311	25.68%	2.051%
91	24.777	3549	3555	3565	rVB5	31403	84497	3.85%	0.307%
92	25.635	3689	3701	3718	rVB2	455971	1508011	68.62%	5.480%
93	25.888	3731	3744	3759	rVB2	338745	1202529	54.72%	4.370%
94	26.581	3846	3862	3863	rBV2	45900	179412	8.16%	0.652%
95	27.151	3952	3959	3975	rVB4	40399	139273	6.34%	0.506%
96	28.643	4201	4213	4221	rBV4	83282	351934	16.02%	1.279%
97	30.089	4447	4459	4464	rBV7	31592	131100	5.97%	0.476%
98	30.277	4472	4491	4522	rVB6	205416	1677203	76.32%	6.095%
99	30.612	4538	4548	4557	rBV6	20678	92735	4.22%	0.337%
100	31.969	4764	4779	4793	rBV6	83150	429101	19.53%	1.559%

Sum of corrected areas: 27518837

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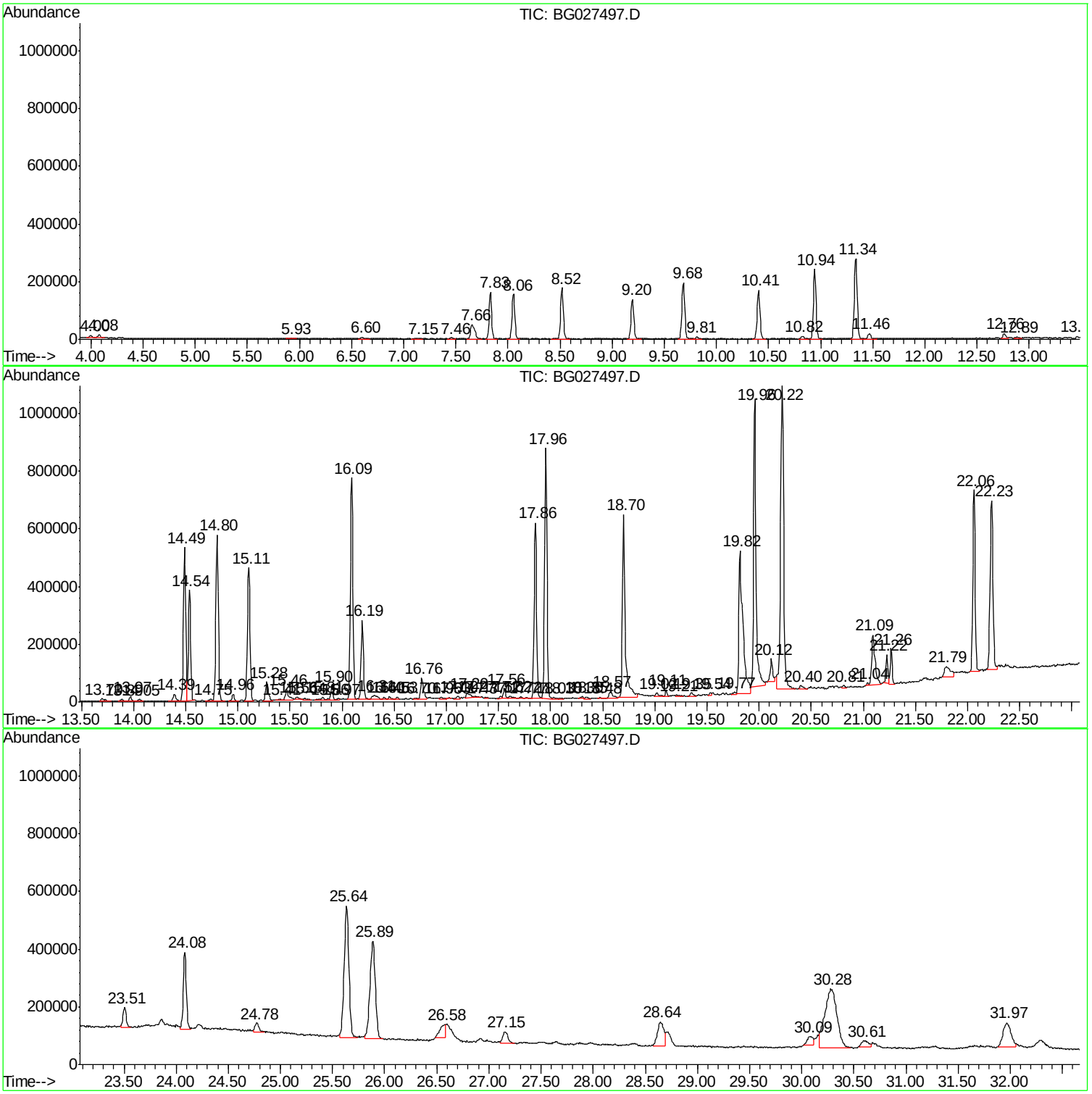
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

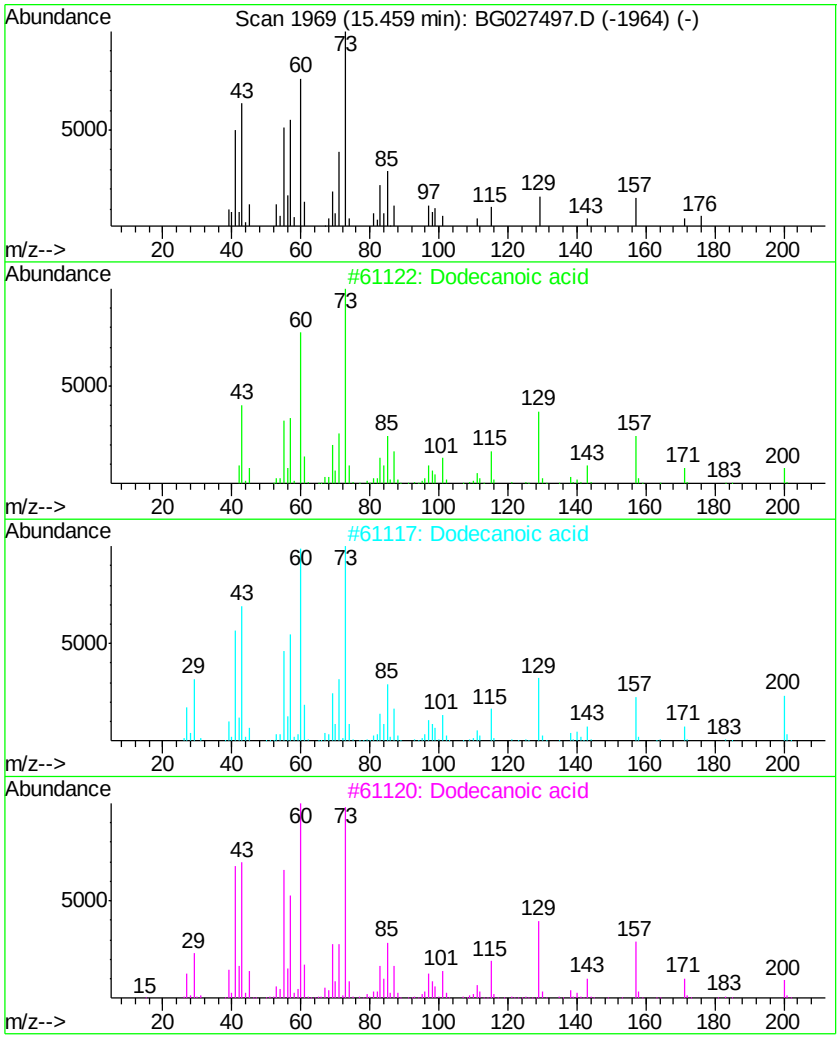
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

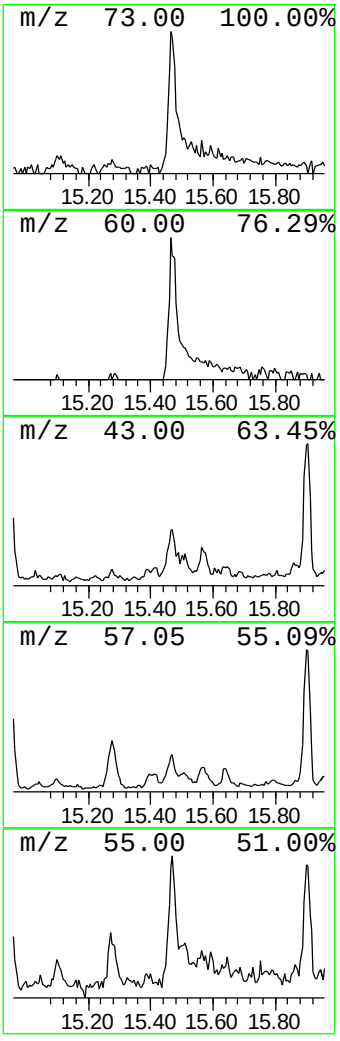
****

Peak Number 1 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.11 ng/ul	83801	Acenaphthene-d10	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	96
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

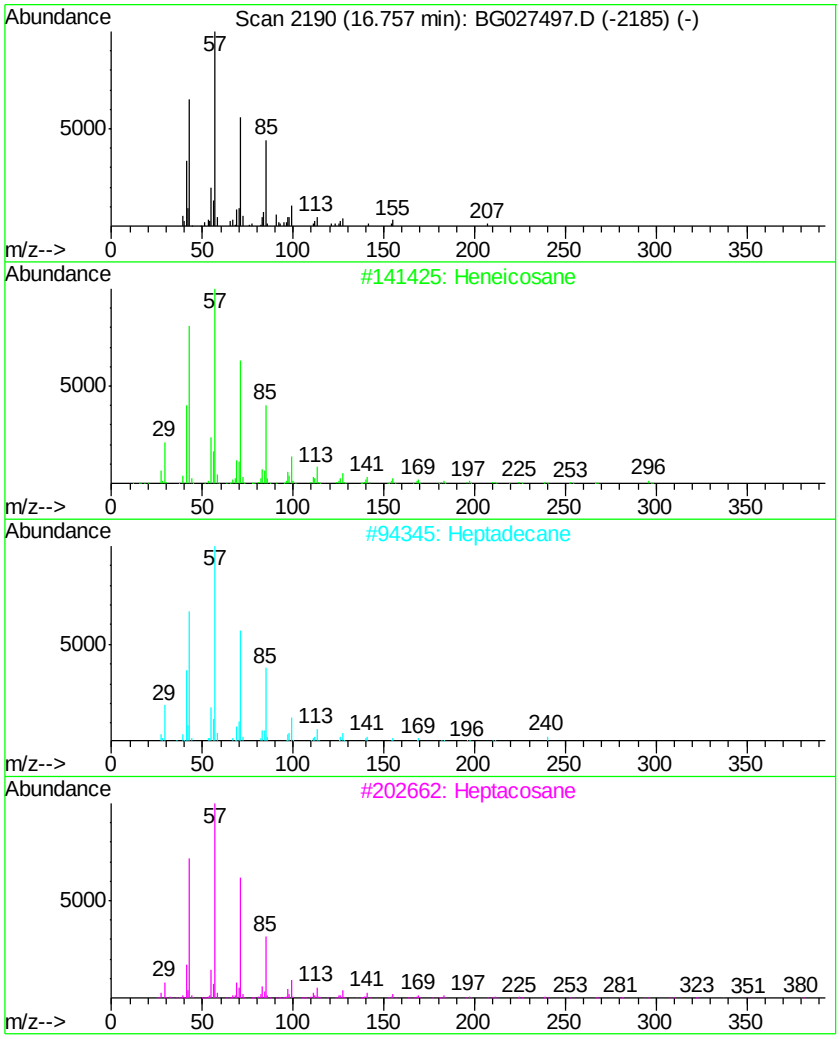
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

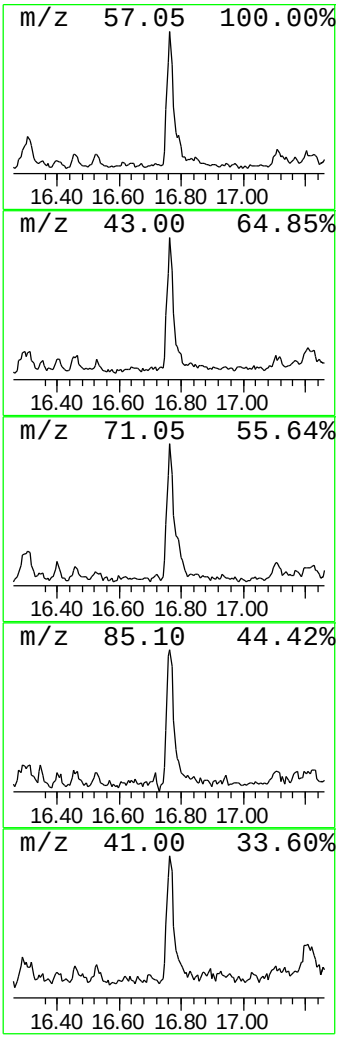
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.58 ng/ul	127514	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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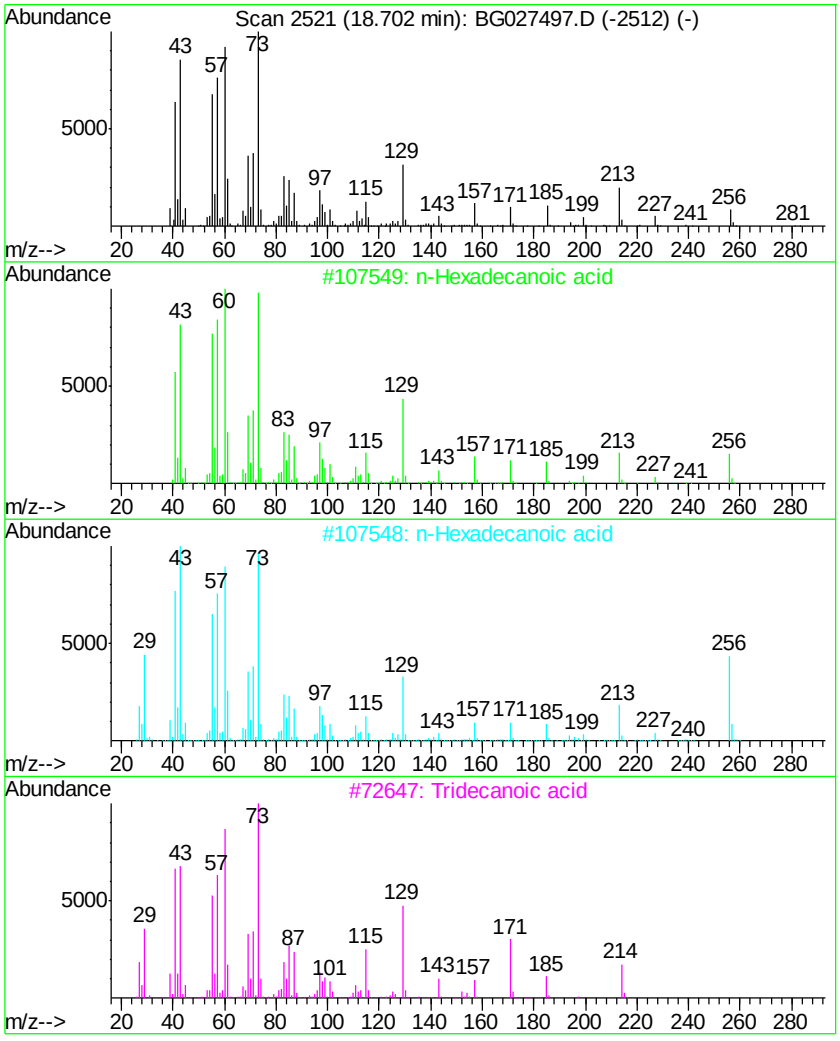
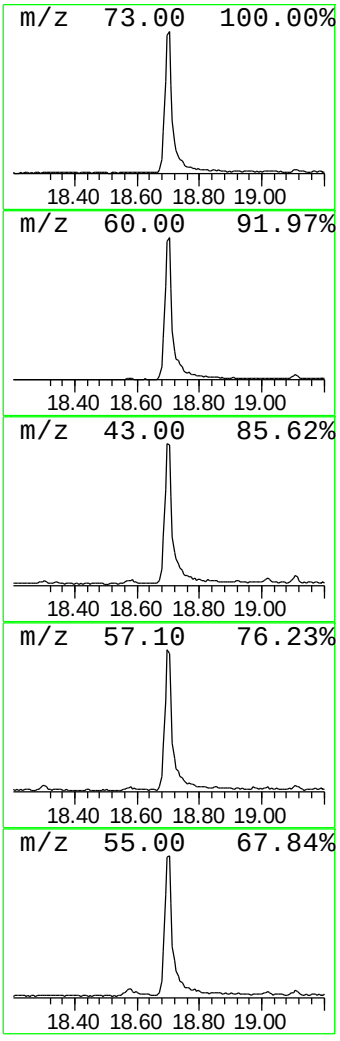
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	24.35 ng/ul	1201900	Phenanthrene-d10	17.86

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	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

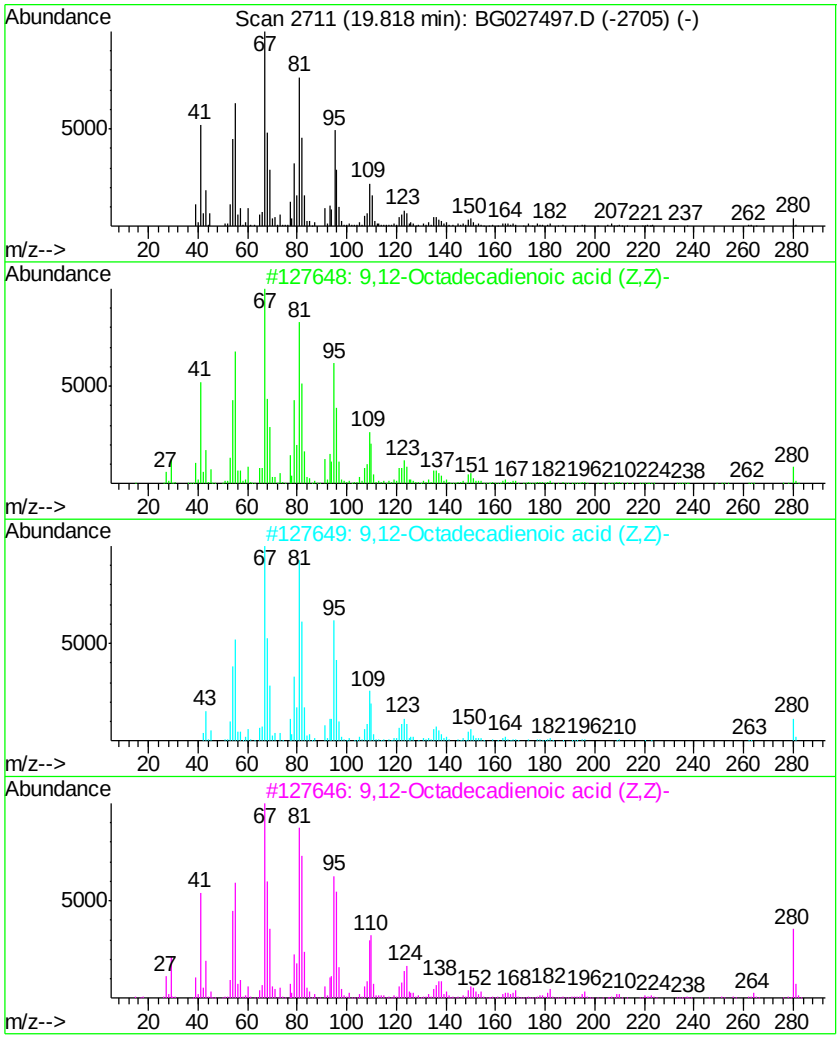
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

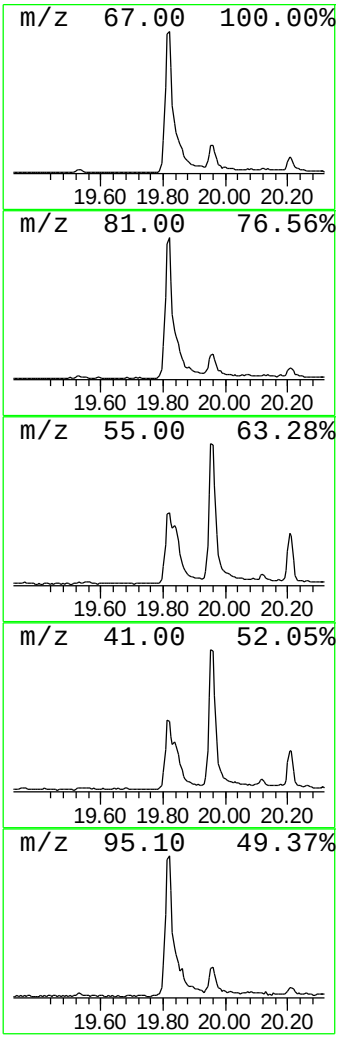
****

Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	26.69 ng/ul	1317430	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
5	Cyclodecene	138	C10H18	003618-12-0	93





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Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

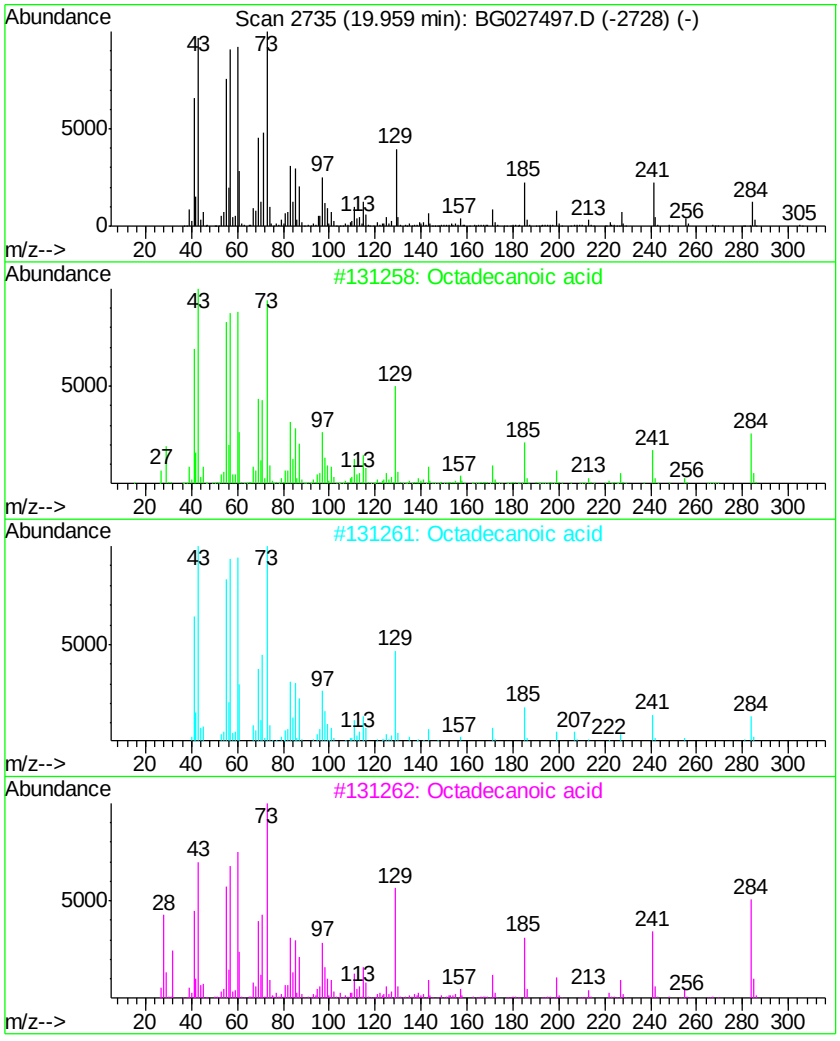
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

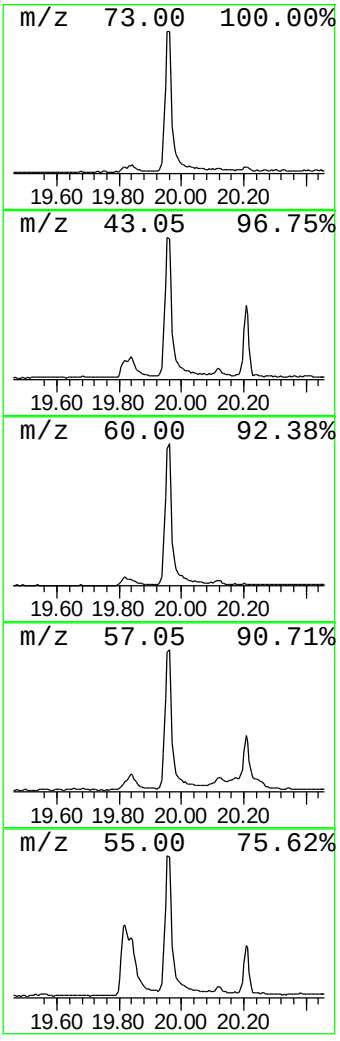
****

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	32.71 ng/ul	1614810	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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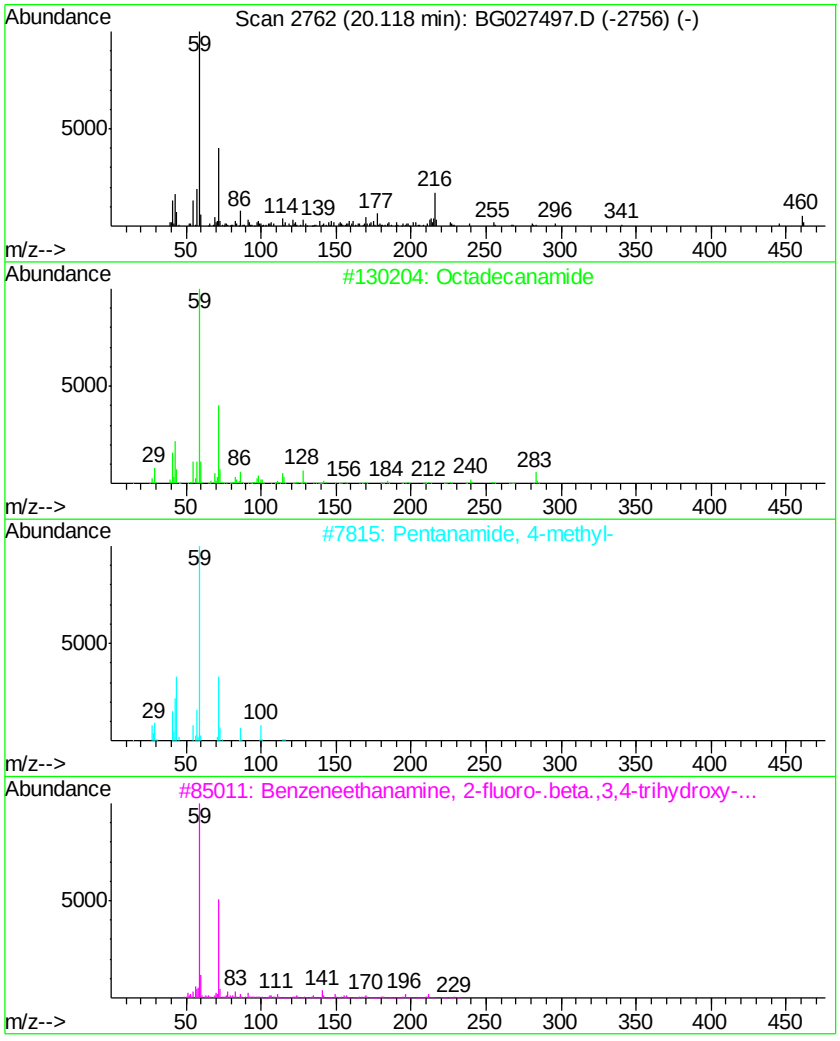
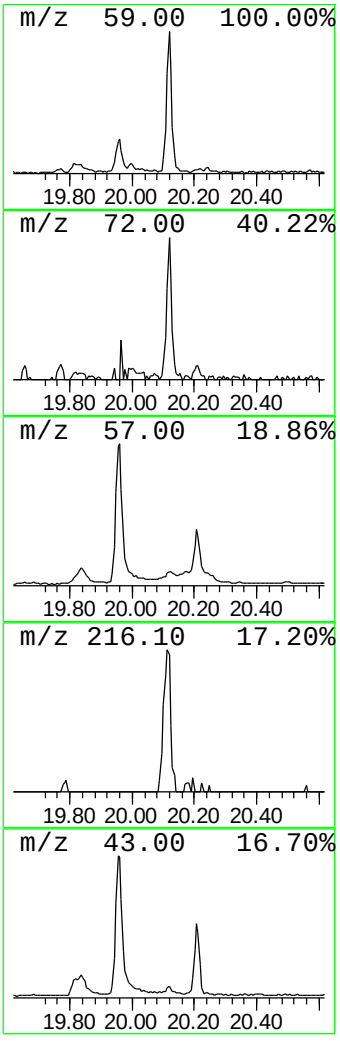
Peak Number 6 Octadecanamide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.15 ng/ul	120338	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	64
2	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	59
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
4	Nonanamide	157	C9H19NO	001120-07-6	40
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	38





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Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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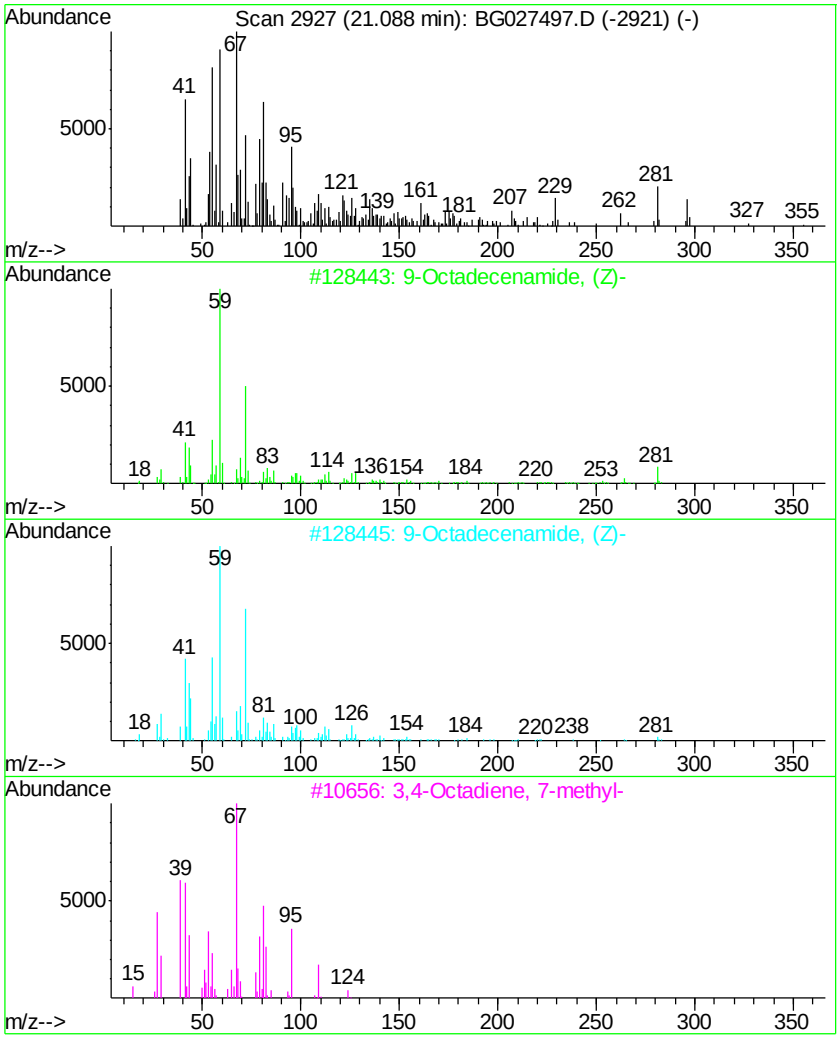
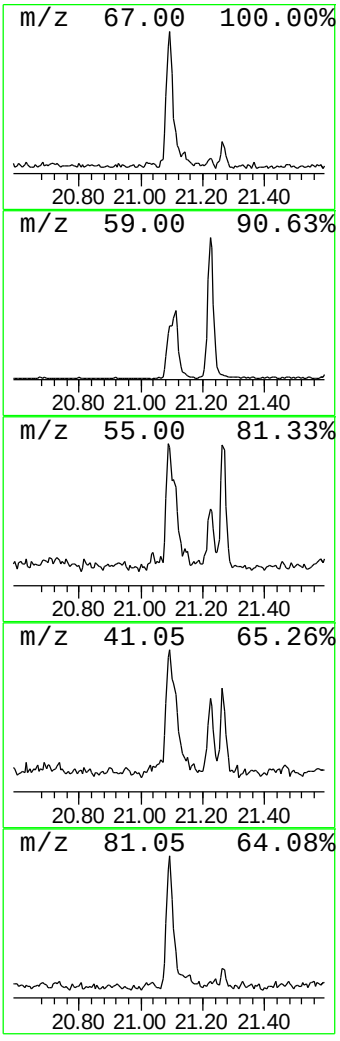
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	6.91 ng/ul	386671	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	43
4	d,l-trans-4-Methyl-5-methoxy-1-(...	184	C11H20O2	1000101-22-2	42
5	4-Decyne	138	C10H18	002384-86-3	38





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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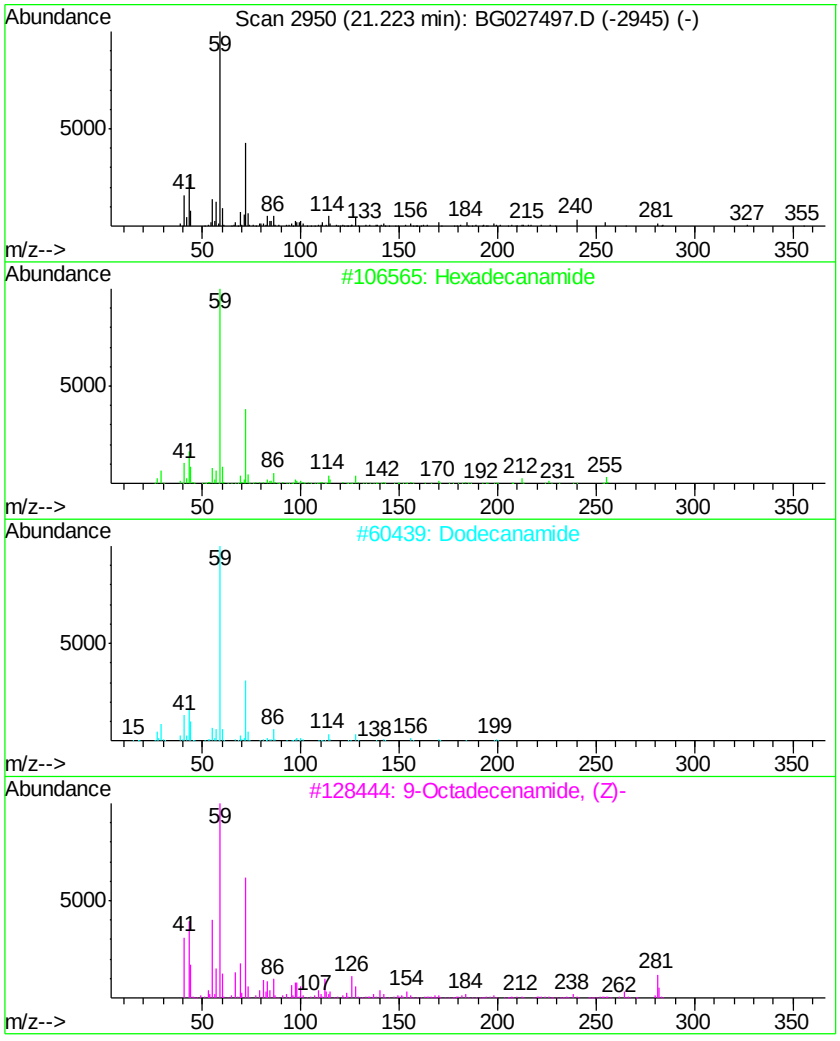
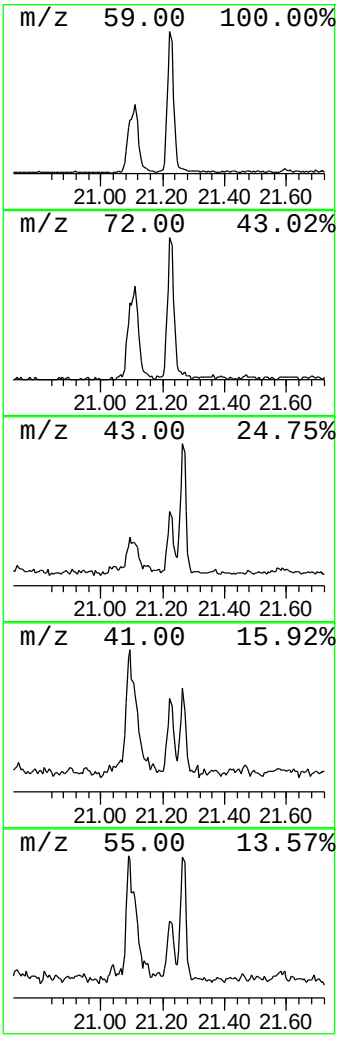
Peak Number 8 Hexadecanamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.30 ng/ul	128511	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	80
2	Dodecanamide	199	C12H25NO	001120-16-7	76
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	Octanamide	143	C8H17NO	000629-01-6	56





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Instrument : BNA_G
ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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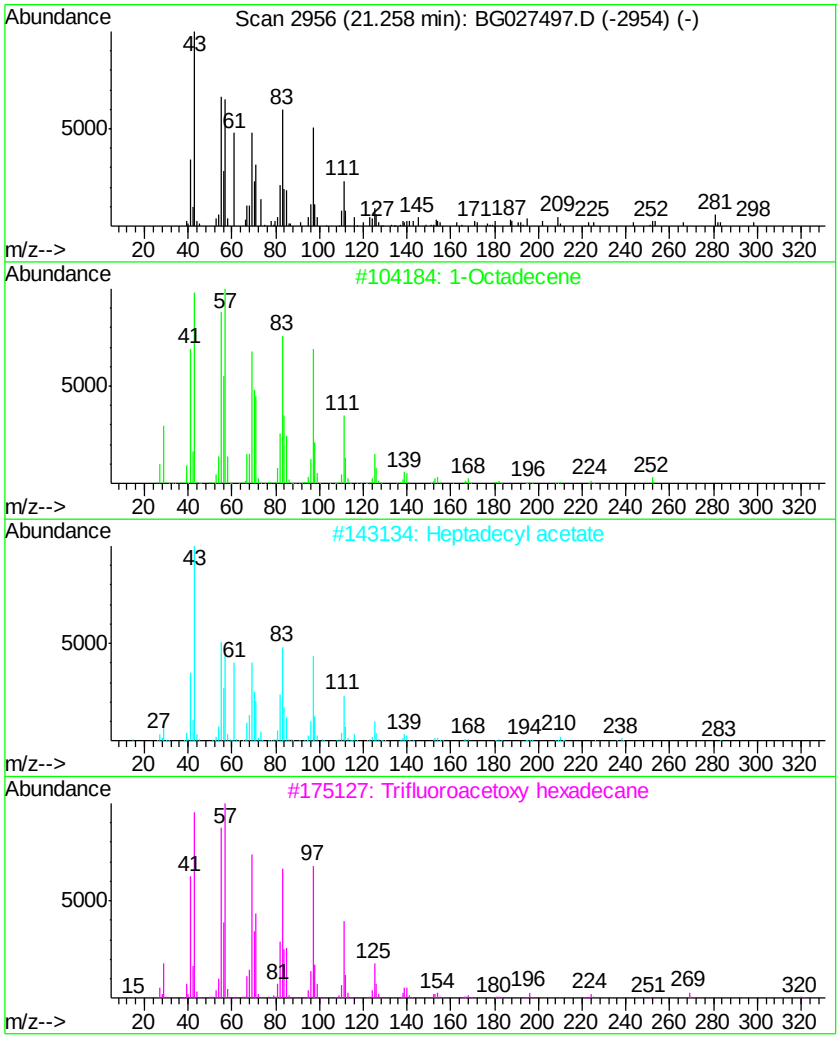
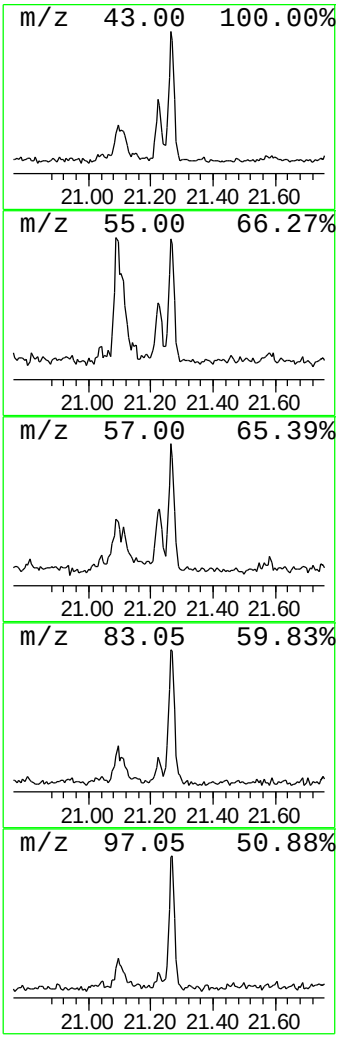
Peak Number 9 (DEL) Alkane: Cyclic21.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.75 ng/ul	153776	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Heptadecyl acetate	298	C19H38O2	000822-20-8	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	Eicosyl acetate	340	C22H44O2	1000351-77-9	93





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Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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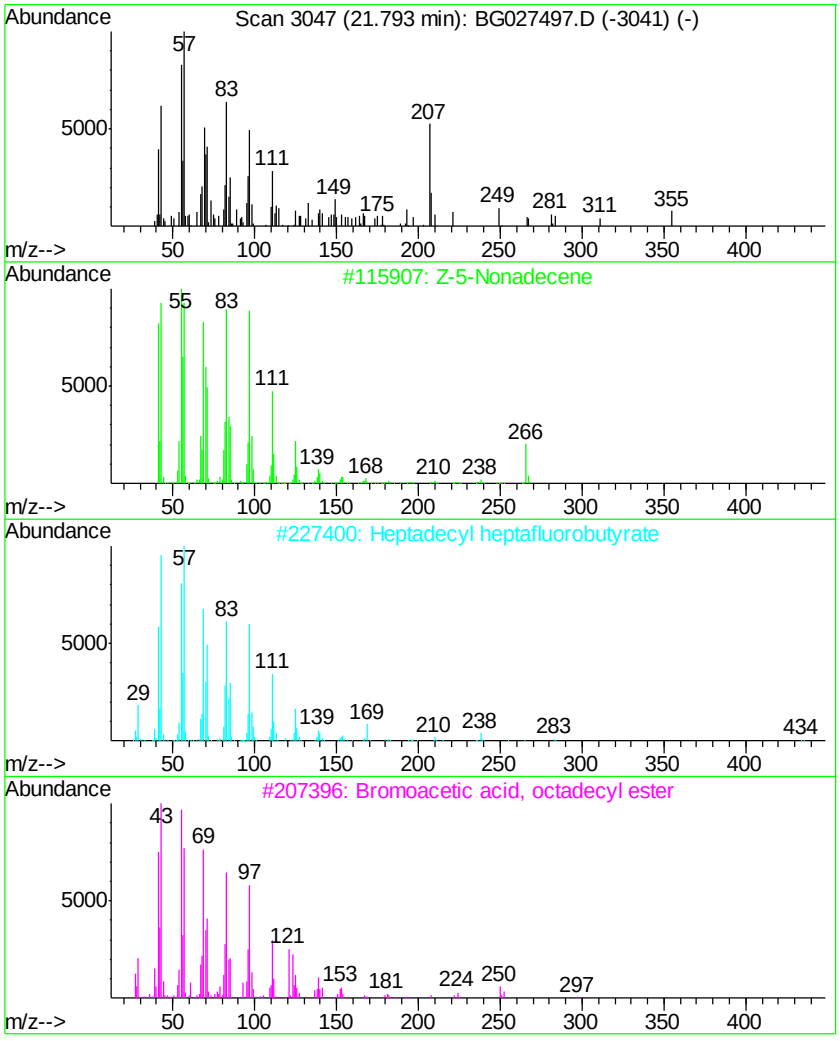
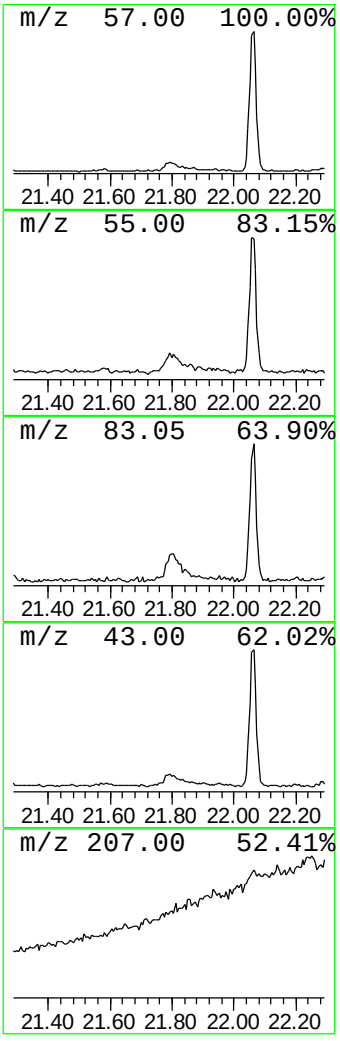
Peak Number 10 (DEL) Alkane: Cyclic21.79 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.74 ng/ul	153433	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	64
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	62
4	17-Pentatriacontene	491	C35H70	006971-40-0	58
5	17-Pentatriacontene	491	C35H70	006971-40-0	53





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ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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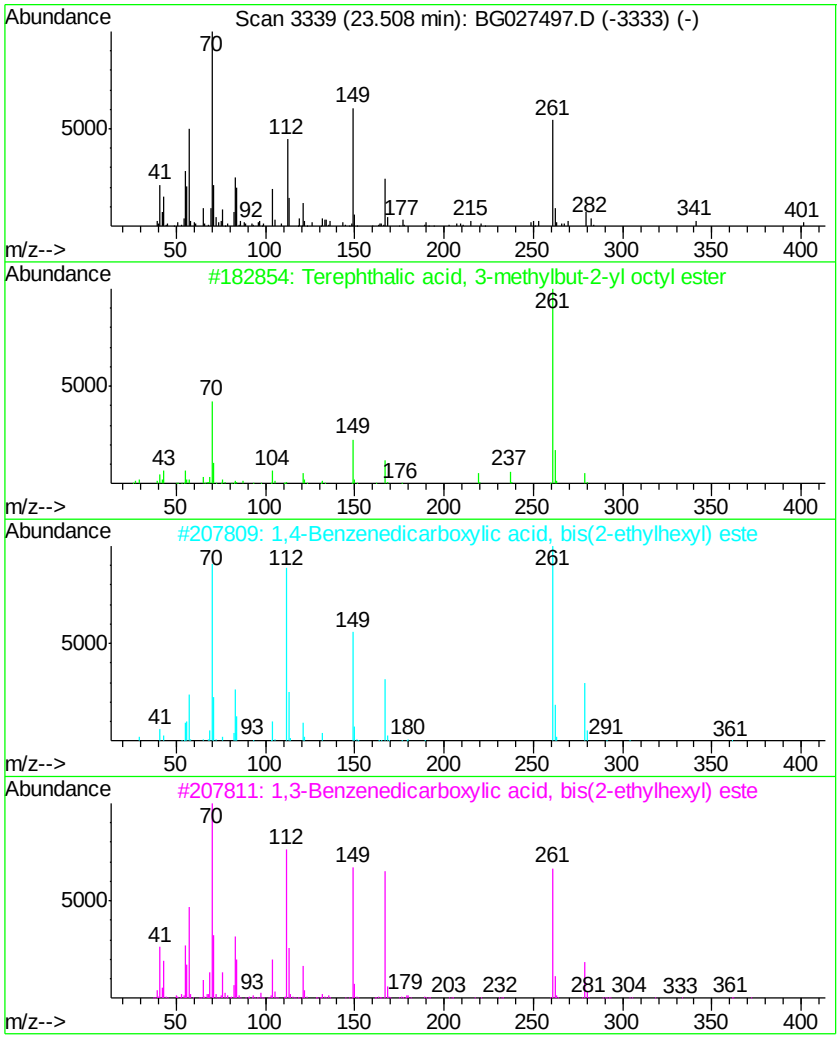
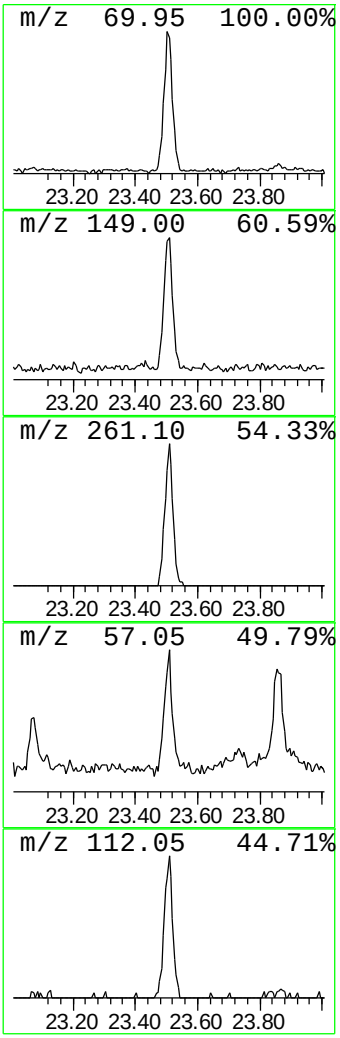
Peak Number 11 Terephthalic acid, 3-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.61 ng/ul	145964	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	50
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	32
5	Terephthalic acid, 4-chloro-3-me...	402	C23H27ClO4	1000323-70-4	27





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Sample : I3600-08
Misc :
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Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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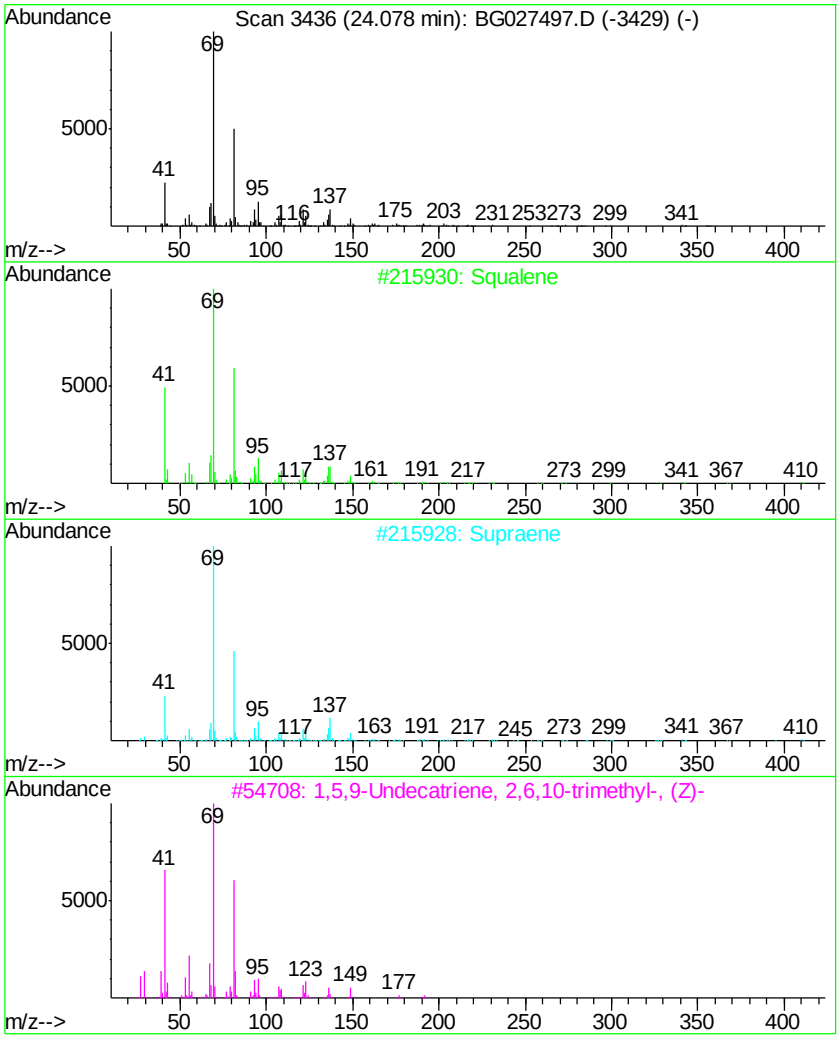
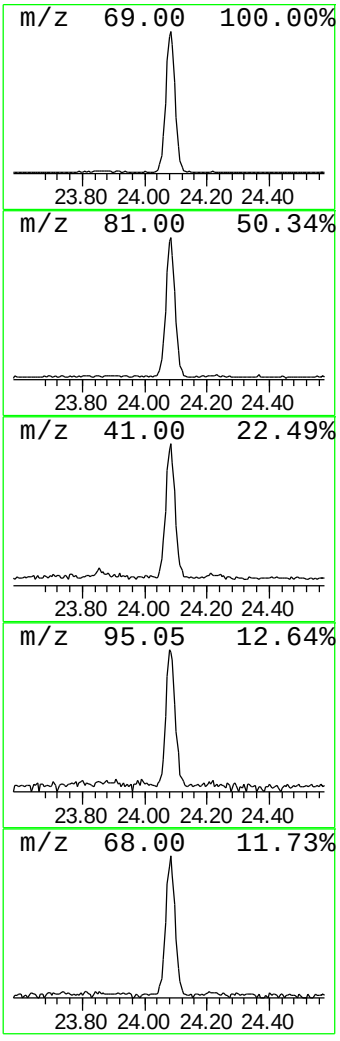
Peak Number 12 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	9.39 ng/ul	564311	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
5	Squalene	410	C30H50	000111-02-4	78





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Instrument : BNA_G
ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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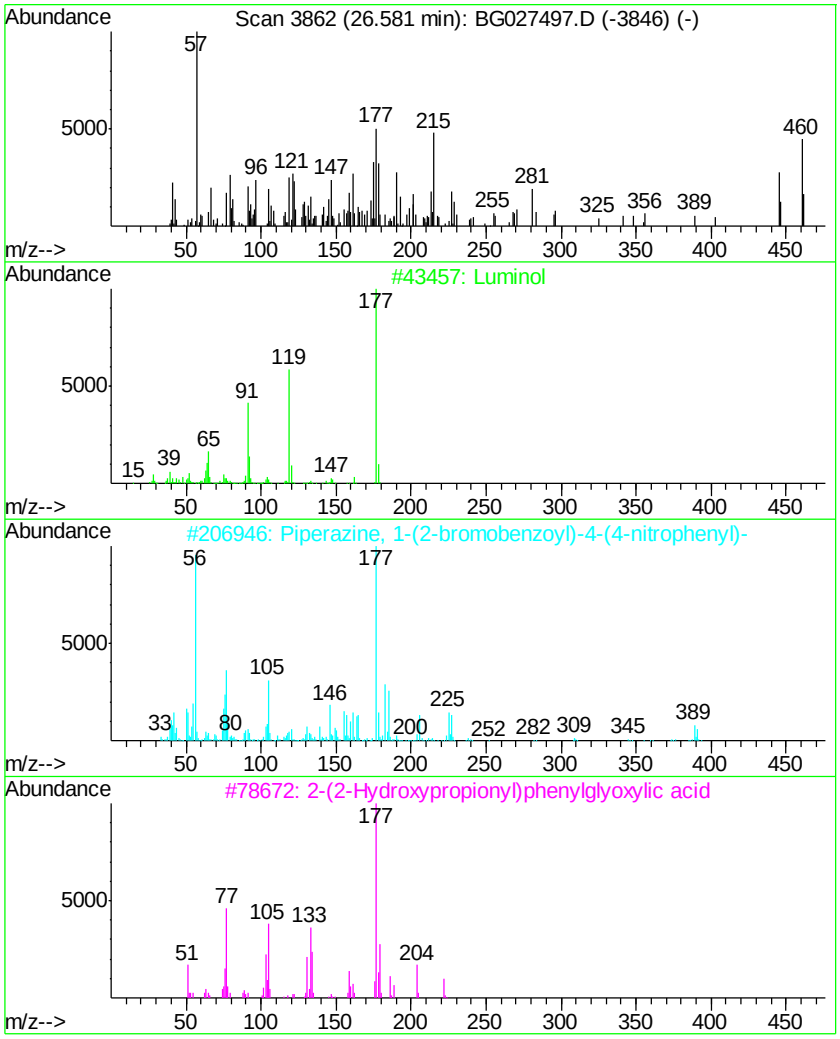
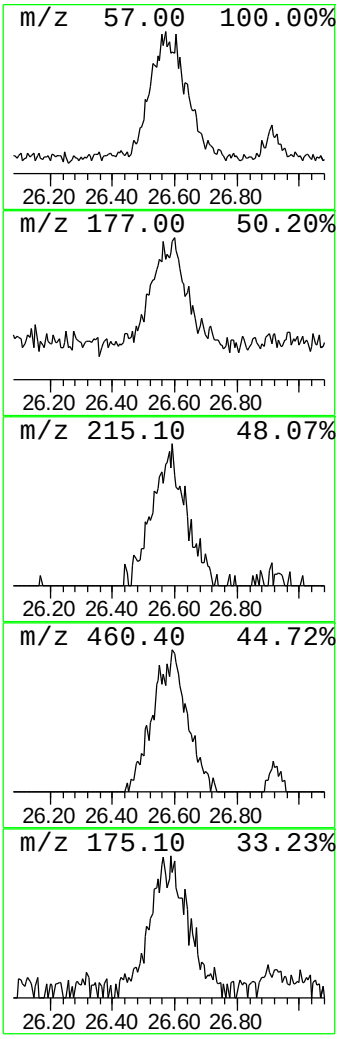
Peak Number 13 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.58	2.98 ng/ul	179412	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Luminol	177	C8H7N3O2	000521-31-3	11
2	Piperazine, 1-(2-bromobenzoyl)-4...	389	C17H16BrN3O3	326901-40-0	10
3	2-(2-Hydroxypropionyl)phenylglyo...	222	C11H10O5	091345-20-9	10
4	2-Methyl-2-(5-trifluoromethyl-1H...	208	C8H11F3N2O	212615-85-5	10
5	3-Methylthiophene-2-sulfonamide	177	C5H7NO2S2	081417-51-8	10





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Sample : I3600-08
Misc :
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Quant Title : SVOA CALIBRATION

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

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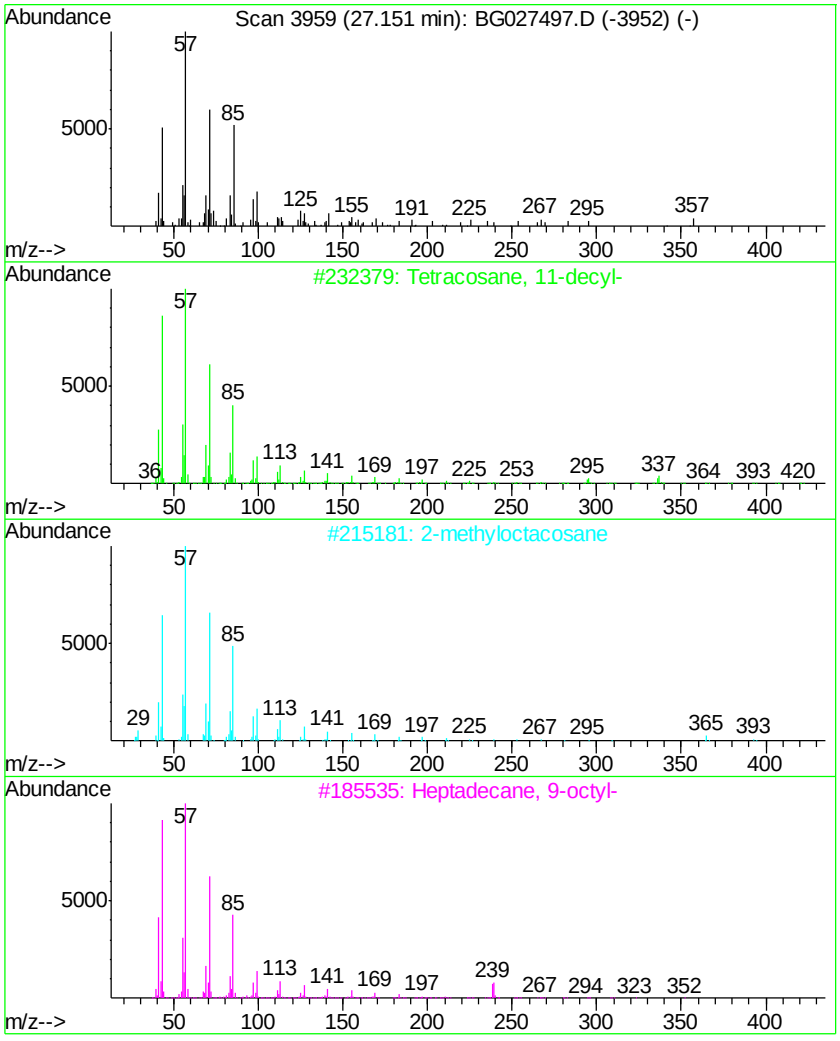
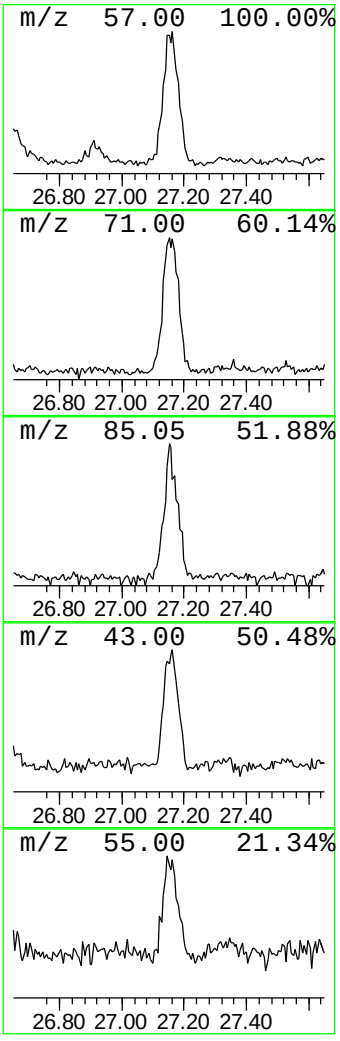
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.32 ng/ul	139273	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80





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Sample : I3600-08
Misc :
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Instrument : BNA_G
ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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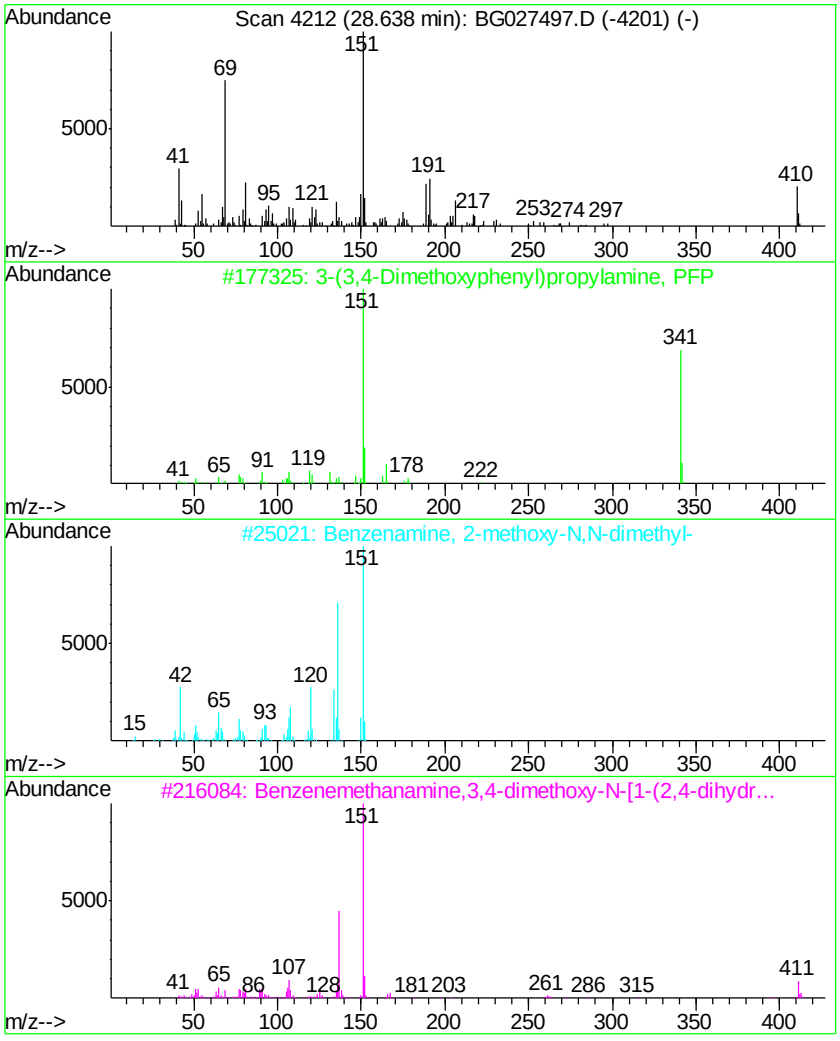
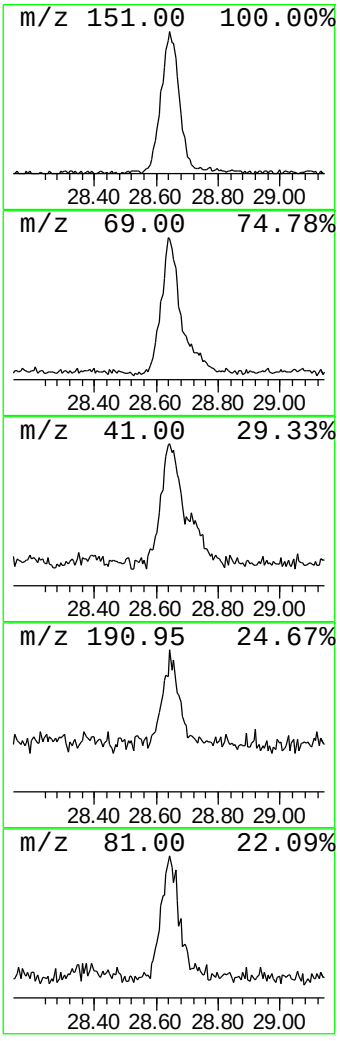
Peak Number 15 3-(3,4-Dimethoxyphenyl)prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.64	5.85 ng/ul	351934	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3,4-Dimethoxyphenyl)propylami...	341	C14H16F5NO3	1000072-04-1	55
2	Benzenamine, 2-methoxy-N,N-dimet...	151	C9H13NO	000700-75-4	49
3	Benzenemethanamine,3,4-dimethoxy...	411	C23H22ClNO4	017683-15-7	47
4	3-Hydroxy-7-methoxy-3-phenyl-4-c...	270	C16H14O4	018380-57-9	47
5	Silane, trimethylphenoxy-	166	C9H14OSi	001529-17-5	46





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ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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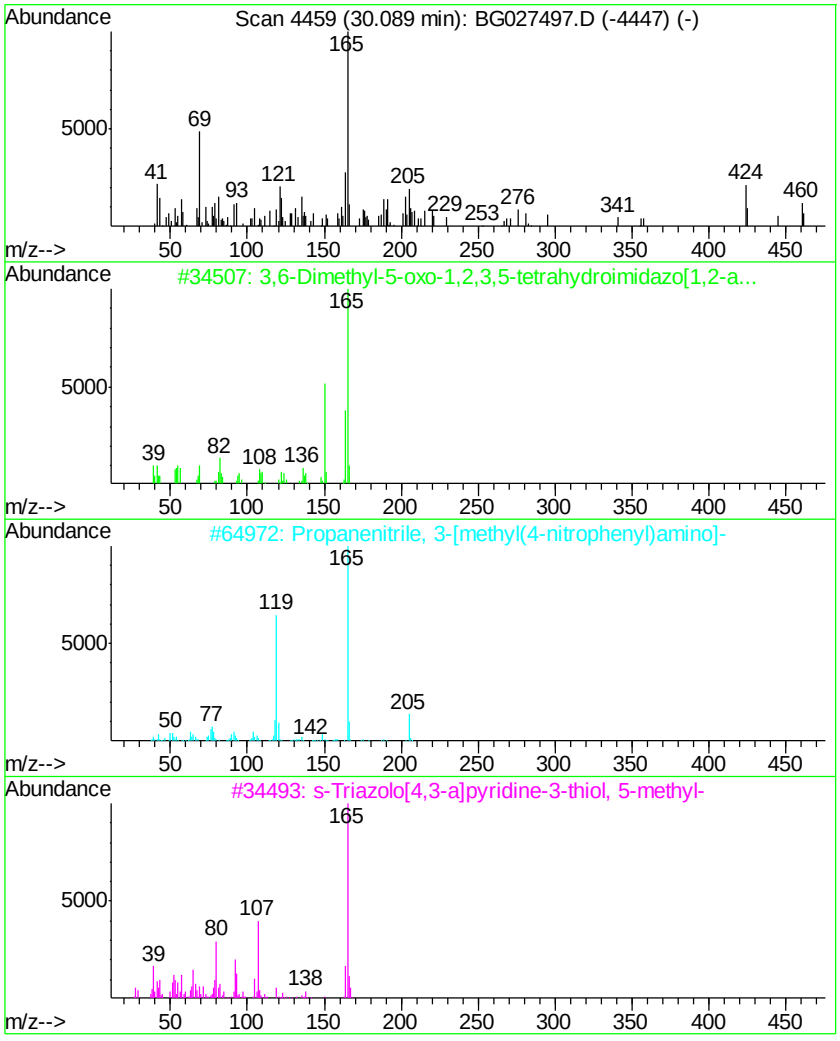
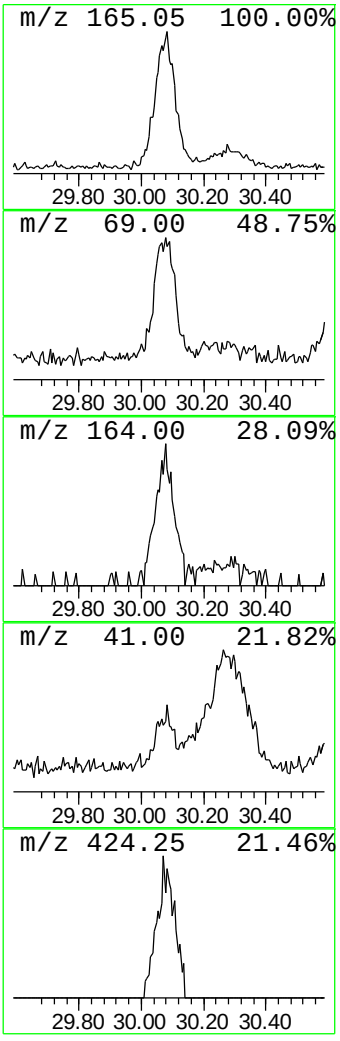
Peak Number 16 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.09	2.18 ng/ul	131100	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	43
2	Propanenitrile, 3-[methyl(4-nitr...	205	C10H11N3O2	097473-81-9	43
3	s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	38
4	1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	37
5	Carbamic acid, (3-methylphenyl)-...	165	C9H11NO2	039076-18-1	35





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Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

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Quant Title : SVOA CALIBRATION

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

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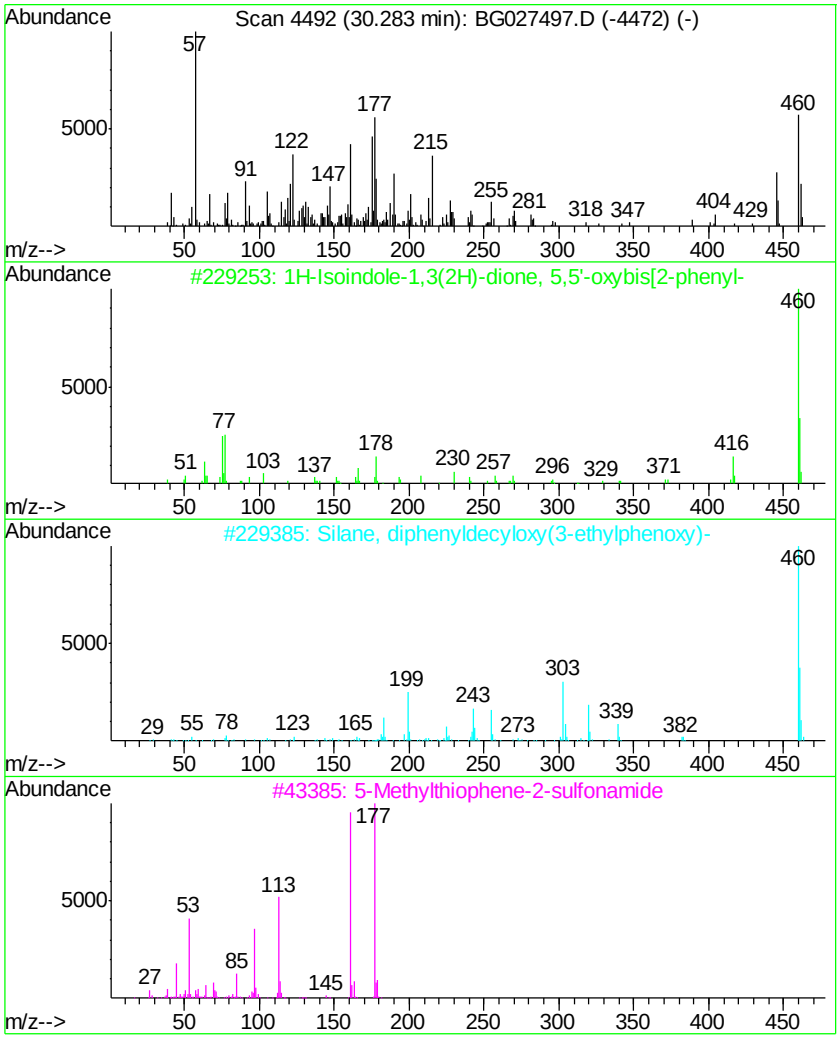
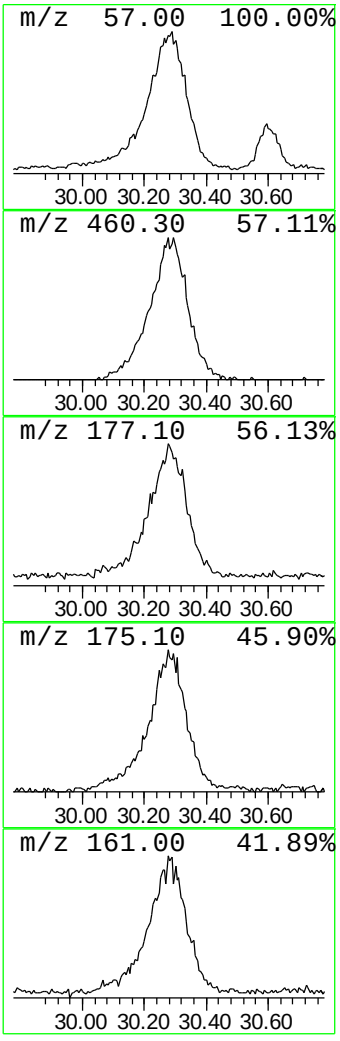
Peak Number 17 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.28	27.89 ng/ul	1677200	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Isoindole-1,3(2H)-dione, 5,5'...	460	C28H16N2O5	033734-37-1	25
2	Silane, diphenyldecyloxy(3-ethyl...	460	C30H40O2Si	1000367-46-2	18
3	5-Methylthiophene-2-sulfonamide	177	C5H7NO2S2	053595-69-0	10
4	1H-Pyrazole, 3-amino-4-bromo-5-m...	175	C4H6BrN3	1000302-53-9	9
5	Acethydrazide, 2-(4-bromo-1-pyra...	336	C13H13BrN4O2	1000268-56-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

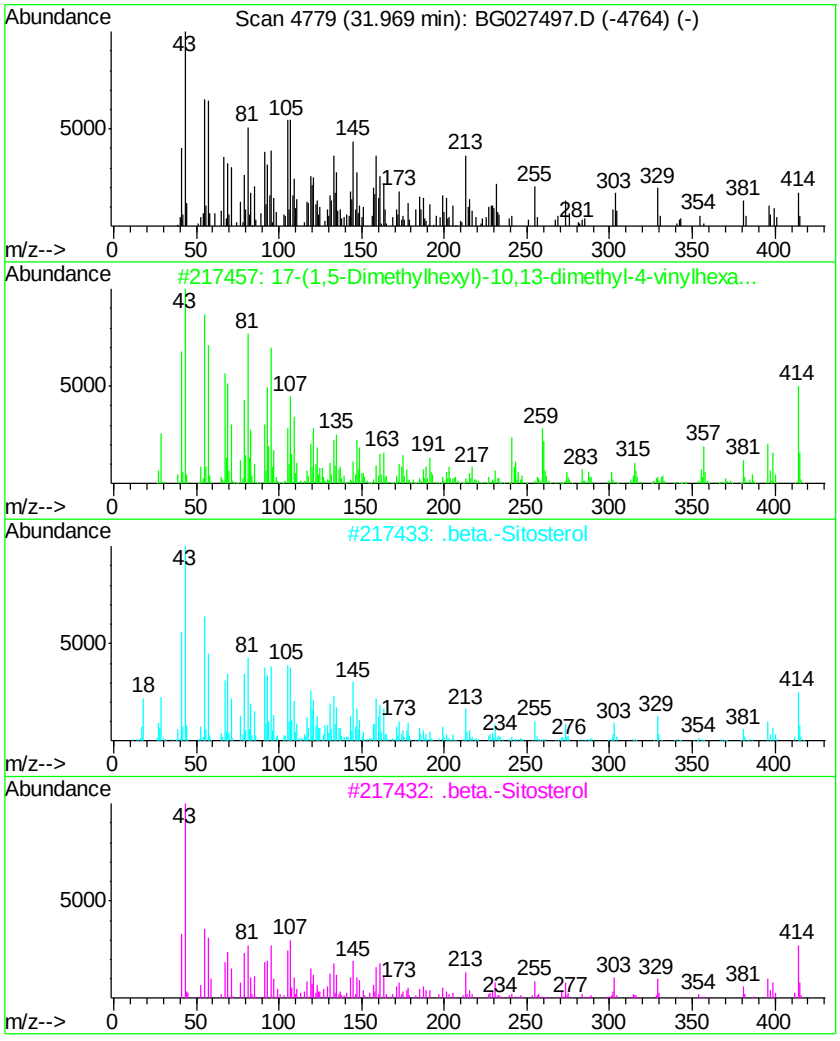
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

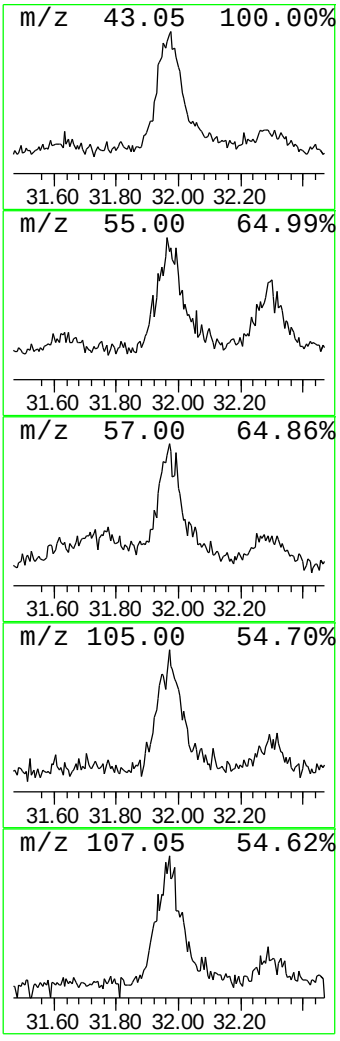
****

Peak Number 18 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.97	7.14 ng/ul	429101	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	64
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	55
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	49
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A16

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	15.46	2.1	ng/ul	83801	3	15.11	793247	20.0
(DEL) Alkane: Str...	16.76	2.6	ng/ul	127514	4	17.86	987272	20.0
n-Hexadecanoic acid	18.70	24.4	ng/ul	1201900	4	17.86	987272	20.0
9,12-Octadecadien...	19.82	26.7	ng/ul	1317430	4	17.86	987272	20.0
Octadecanoic acid	19.96	32.7	ng/ul	1614810	4	17.86	987272	20.0
Octadecanamide	20.12	2.1	ng/ul	120338	5	22.23	1118890	20.0
9-Octadecenamide,...	21.09	6.9	ng/ul	386671	5	22.23	1118890	20.0
Hexadecanamide	21.22	2.3	ng/ul	128511	5	22.23	1118890	20.0
(DEL) Alkane: Cyc...	21.26	2.8	ng/ul	153776	5	22.23	1118890	20.0
(DEL) Alkane: Cyc...	21.79	2.7	ng/ul	153433	5	22.23	1118890	20.0
Terephthalic acid...	23.51	2.6	ng/ul	145964	5	22.23	1118890	20.0
Squalene	24.08	9.4	ng/ul	564311	6	25.89	1202530	20.0
unknown-01	26.58	3.0	ng/ul	179412	6	25.89	1202530	20.0
(DEL) Alkane: Str...	27.15	2.3	ng/ul	139273	6	25.89	1202530	20.0
3-(3,4-Dimethoxyp...	28.64	5.8	ng/ul	351934	6	25.89	1202530	20.0
unknown-02	30.09	2.2	ng/ul	131100	6	25.89	1202530	20.0
unknown-03	30.28	27.9	ng/ul	1677200	6	25.89	1202530	20.0
17-(1,5-Dimethylh...	31.97	7.1	ng/ul	429101	6	25.89	1202530	20.0