LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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\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	3.070	34	39	49	rVB	93320	139056	2.95%	0.214%
2	4.016	195	200	212	rBV4	35055	77726	1.65%	0.120%
3	7.341	758	766	780	rBV2	282154	664920	14.11%	1.023%
4	7.488	785	791	803	rVB2	212611	379393	8.05%	0.584%
5	7.706	819	828	840	rVV2	274935	539579	11.45%	0.830%
6	8.176	901	908	920	rBV	286705	516683	10.96%	0.795%
7	8.892	1022	1030	1045	rBV	334719	702713	14.91%	1.081%
8	9.362	1102	1110	1122	rBV	313588	613847	13.02%	0.944%
9	10.091	1224	1234	1247	rBV	296972	620328	13.16%	0.954%
10	10.637	1320	1327	1352	rBV2	356677	802748	17.03%	1.235%
11	11.002	1379	1389	1398	rBV	422535	800004	16.97%	1.231%
12	11.154	1407	1415	1433	rVV2	278101	670972	14.23%	1.032%
13	13.663	1836	1842	1850	rBV5	25222	47318	1.00%	0.073%
14	14.204	1926	1934	1938	rBV	903369	1430623	30.35%	2.201%
15	14.245	1938	1941	1952	rVB	407701	648996	13.77%	0.998%
16	14.509	1977	1986	1996	rBV	939100	1558838	33.07%	2.398%
17	14.809	2029	2037	2043	rVV	773320	1277524	27.10%	1.965%
18	14.874	2043	2048	2056	rVB2	64750	109188	2.32%	0.168%
19	15.050	2069	2078	2098	rBV2	236440	740483	15.71%	1.139%
20	15.214	2098	2106	2110	rVV9	27192	87730	1.86%	0.135%
21	15.261	2110	2114	2123	rVB9	24426	57694	1.22%	0.089%
22	15.596	2167	2171	2176	rVB2	47079	59513	1.26%	0.092%
23	15.796	2196	2205	2211	rBV	1342966	2096666	44.48%	3.225%
24	15.849	2212	2214	2222	rVB3	52769	89750	1.90%	0.138%
25	15.943	2223	2230	2243	rBV2	462456	870942	18.48%	1.340%
26	16.219	2271	2277	2284	rVB7	27893	44776	0.95%	0.069%
27	16.290	2284	2289	2295	rBV6	25184	47881	1.02%	0.074%
28	16.454	2312	2317	2324	rBV2	54790	100171	2.13%	0.154%
29	17.247	2442	2452	2456	rBV3	67333	139933	2.97%	0.215%
30	17.377	2469	2474	2482	rVB2	45721	73199	1.55%	0.113%
31	17.553	2496	2504	2508	rBV	1061883	1726524	36.63%	2.656%
32	17.594	2508	2511	2516	rVV	980154	1487103	31.55%	2.288%
33	17.653	2516	2521	2537	rVB2	1454163	2677561	56.80%	4.119%
34	17.888	2557	2561	2568	rBV7	59281	131335	2.79%	0.202%

LSC Area Percent Report

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Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

35	17.982	2569	2577	2582	rVB4	149496	306383	6.50%	0.471%
36	18.158	2600	2607	2613	rVB4	28207	64936	1.38%	0.100%
37	18.276	2622	2627	2634	rVB9	17809	48687	1.03%	0.075%
38	18.393	2642	2647	2650	rBV3	204174	294071	6.24%	0.452%
39	18.475	2657	2661	2669	rVB2	206748	287614	6.10%	0.442%
40	18.552	2671	2674	2680	rBV2	64580	101005	2.14%	0.155%
41	18.628	2680	2687	2690	rBV2	236282	429684	9.12%	0.661%
42	18.663	2691	2693	2699	rVB3	140416	170697	3.62%	0.263%
43	18.916	2732	2736	2741	rVB	117278	152649	3.24%	0.235%
44	18.981	2742	2747	2752	rVB3	90434	144774	3.07%	0.223%
45	19.163	2773	2778	2781	rVB4	35998	54329	1.15%	0.084%
46	19.245	2789	2792	2796	rBV5	38395	51940	1.10%	0.080%
47	19.327	2802	2806	2810	rVB3	65637	96756	2.05%	0.149%
48	19.410	2814	2820	2825	rVB8	43414	105938	2.25%	0.163%
49	19.486	2829	2833	2839	rVB3	61619	105417	2.24%	0.162%
50	19.598	2844	2852	2858	rBV	2526577	3559437	75.51%	5.476%
51	19.656	2858	2862	2866	rBV6	71738	101996	2.16%	0.157%
52	19.791	2880	2885	2890	rBV	1711133	1945698	41.28%	2.993%
53	19.932	2901	2909	2911	rBV3	2256039	3566282	75.66%	5.486%
54	19.962	2912	2914	2920	rVV	2006067	2322908	49.28%	3.573%
55	20.026	2920	2925	2929	rVB	114158	179182	3.80%	0.276%
56	20.132	2938	2943	2948	rBV	148219	204302	4.33%	0.314%
57	20.209	2952	2956	2960	rVB	65116	98419	2.09%	0.151%
58	20.273	2962	2967	2975	rBV4	151098	339737	7.21%	0.523%
59	20.344	2975	2979	2983	rBV	45198	64636	1.37%	0.099%
60	20.444	2983	2996	3005	rBV	421476	901520	19.13%	1.387%
61	20.543	3008	3013	3017	rBV	313521	422920	8.97%	0.651%
62	20.602	3017	3023	3032	rVV5	175055	478474	10.15%	0.736%
63	20.673	3032	3035	3041	rVB6	75705	120947	2.57%	0.186%
64	20.743	3042	3047	3051	rBV3	104065	169631	3.60%	0.261%
65	20.796	3052	3056	3057	rVV2	85348	118072	2.50%	0.182%
66	20.825	3057	3061	3068	rVB	1770884	2154923	45.72%	3.315%
67	20.884	3068	3071	3074	rBV5	32942	54329	1.15%	0.084%
68	21.225	3125	3129	3136	rBV	147549	236849	5.02%	0.364%
69	21.413	3155	3161	3164	rBV2	251469	457080	9.70%	0.703%
70	21.448	3165	3167	3172	rVB	203515	271908	5.77%	0.418%
71	21.507	3172	3177	3183	rBV3	181597	330129	7.00%	0.508%

LSC Area Percent Report

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Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

72	21.572	3184	3188	3198	rVB	190720	354587	7.52%	0.545%
73	21.701	3201	3210	3218	rBV3	55912	172119	3.65%	0.265%
74	21.836	3221	3233	3239	rBV2	1660863	4713603	100.00%	7.251%
75	21.895	3239	3243	3257	rVB	1039590	1844317	39.13%	2.837%
76	22.053	3264	3270	3275	rBV2	204402	358670	7.61%	0.552%
77	22.142	3280	3285	3292	rBV8	68591	148643	3.15%	0.229%
78	22.212	3294	3297	3302	rVB2	76862	122212	2.59%	0.188%
79	22.283	3302	3309	3315	rVB3	140893	278907	5.92%	0.429%
80	22.529	3346	3351	3354	rBV6	65537	114102	2.42%	0.176%
81	22.600	3357	3363	3370	rVB2	172724	345960	7.34%	0.532%
82	22.676	3373	3376	3384	rVB3	71712	129124	2.74%	0.199%
83	22.764	3388	3391	3397	rVB7	45342	74365	1.58%	0.114%
84	22.829	3398	3402	3408	rVB4	71497	119528	2.54%	0.184%
85	22.894	3408	3413	3417	rBV4	76617	158409	3.36%	0.244%
86	23.035	3431	3437	3443	rVB6	65504	166179	3.53%	0.256%
87	23.311	3478	3484	3495	rVB6	74661	244391	5.18%	0.376%
88	23.763	3555	3561	3568	rVB6	71274	182699	3.88%	0.281%
89	24.151	3617	3627	3635	rBV2	721374	2560507	54.32%	3.939%
90	24.427	3666	3674	3683	rVB2	131898	339084	7.19%	0.522%
91	24.645	3705	3711	3712	rBV5	43777	81987	1.74%	0.126%
92	24.915	3748	3757	3763	rBV	367835	1042221	22.11%	1.603%
93	24.997	3763	3771	3778	rVV3	817733	2178051	46.21%	3.351%
94	25.073	3779	3784	3797	rVB2	607701	1724087	36.58%	2.652%
95	25.232	3801	3811	3819	rBV2	645086	1923599	40.81%	2.959%
96	25.314	3822	3825	3841	rVB4	156711	452957	9.61%	0.697%
97	26.266	3982	3987	3996	rVB3	76236	215514	4.57%	0.332%
98	27.670	4221	4226	4238	rVB7	94380	270992	5.75%	0.417%
99	29.139	4463	4476	4497	rVB3	270346	1400124	29.70%	2.154%
100	30.367	4673	4685	4699	rVB3	159257	741924	15.74%	1.141%

Sum of corrected areas: 65004838

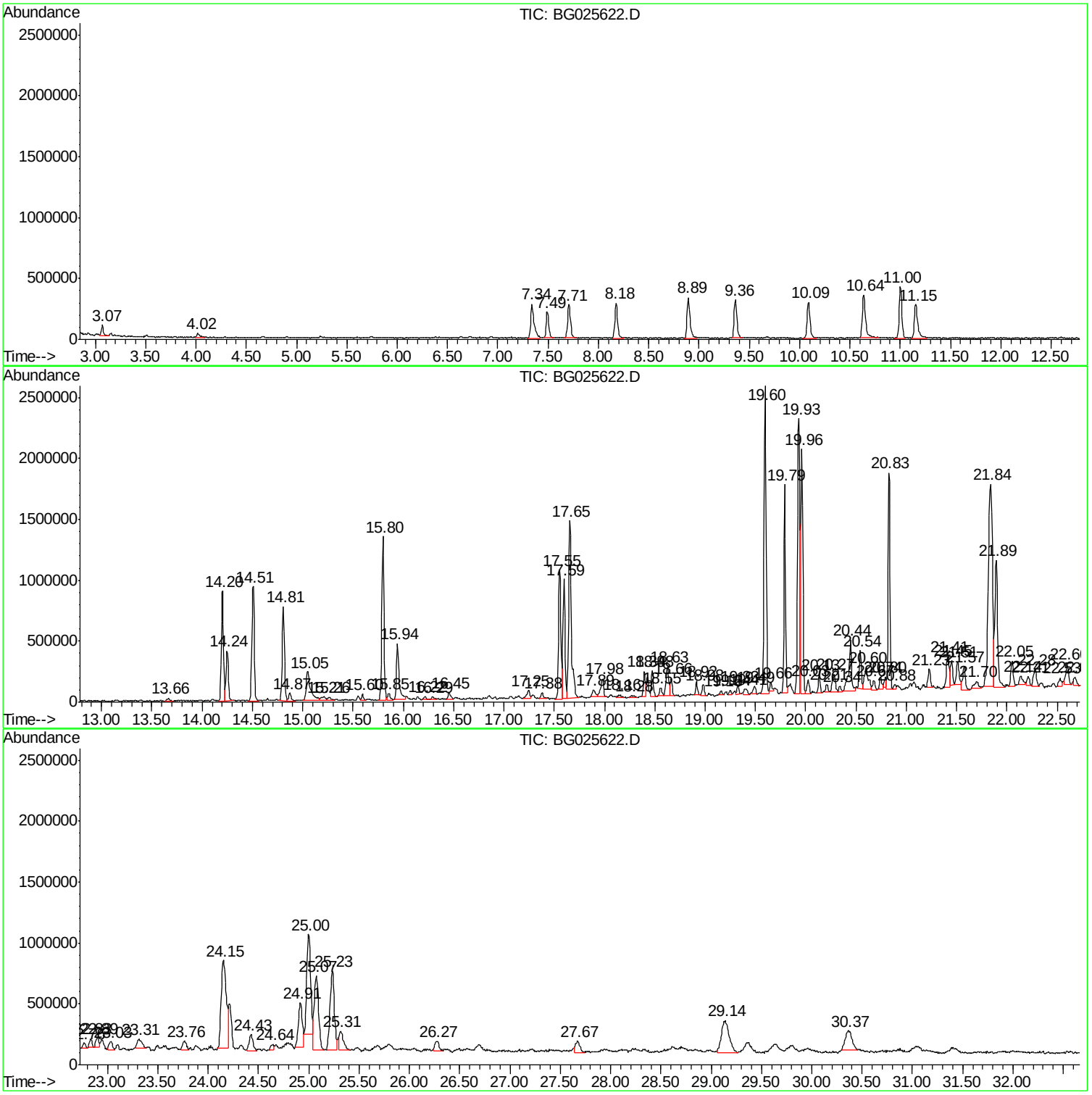
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

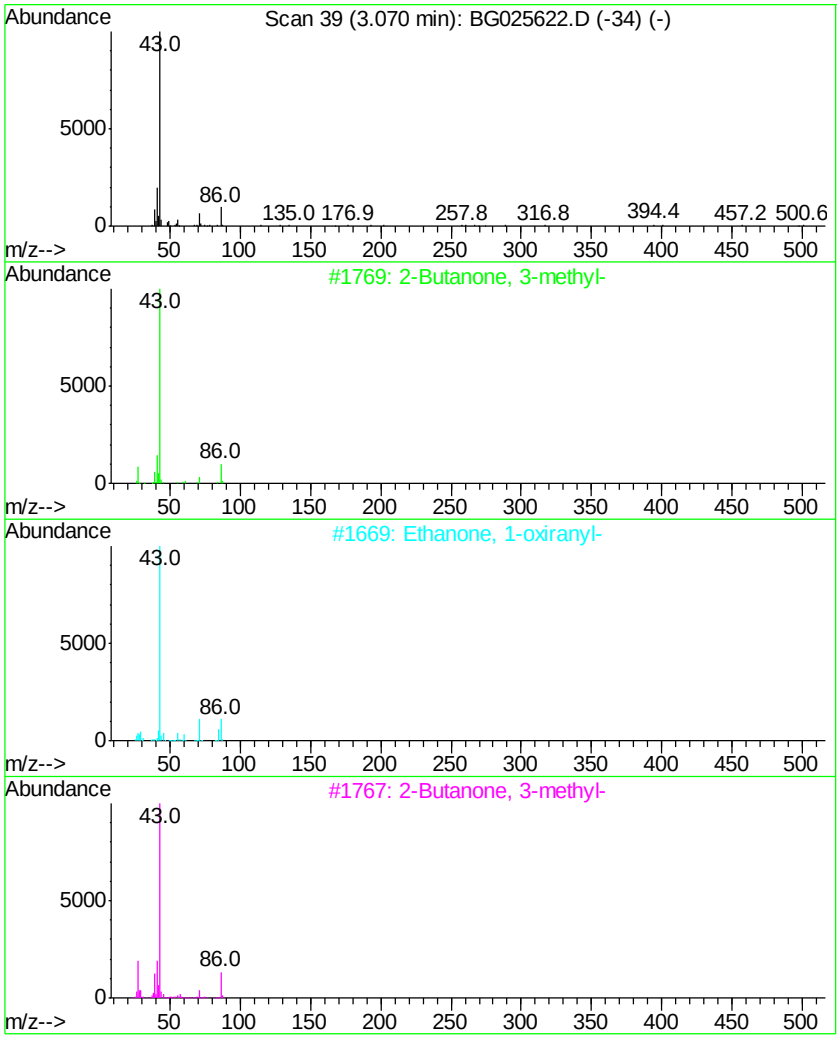
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

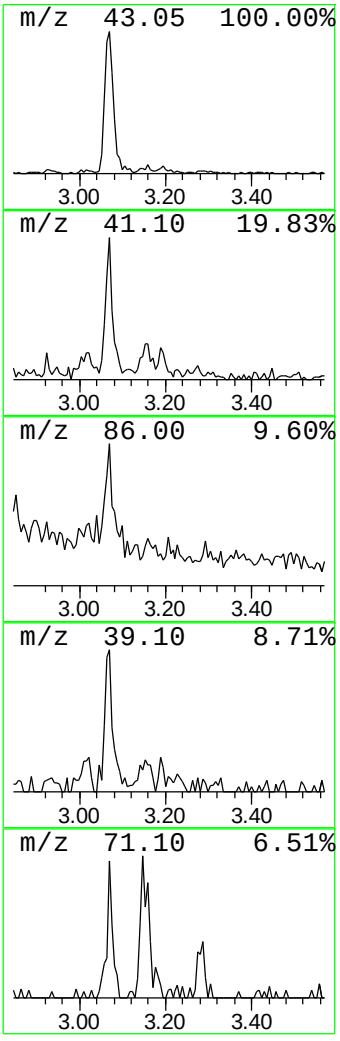
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	5.38 ng/ul	139056	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	47
2	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	16
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Oxalic acid, monoamide, n-propyl...	201	C10H19NO3	1000309-64-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

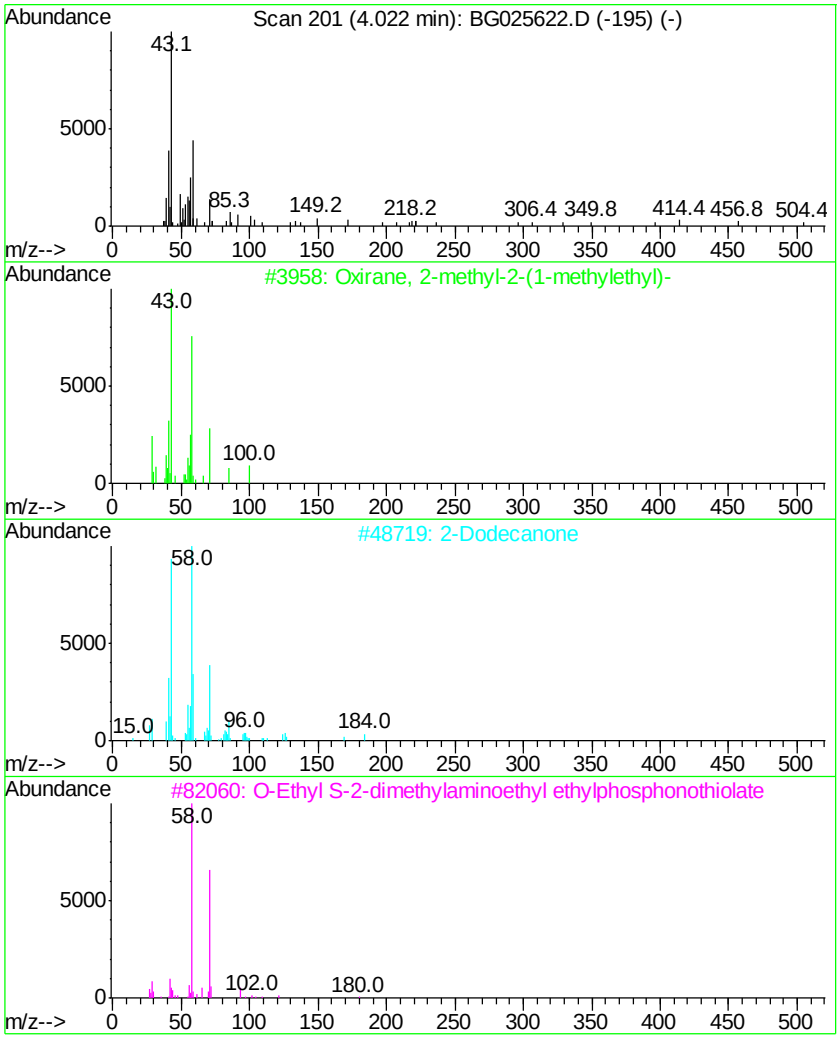
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

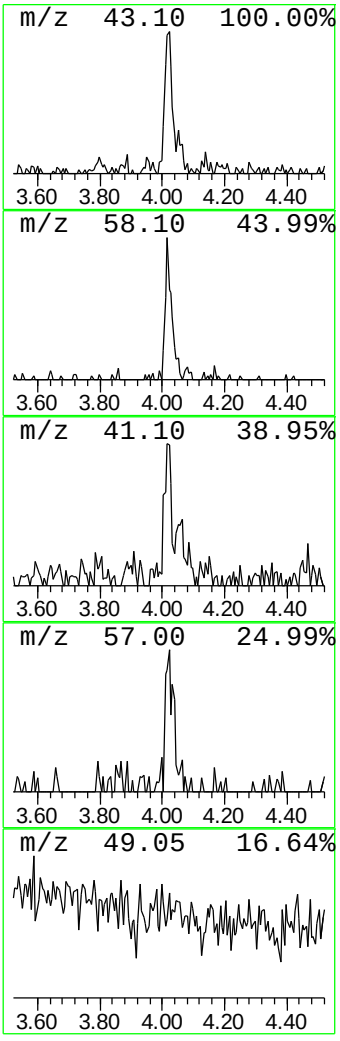
****

Peak Number 2 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.01 ng/ul	77726	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	47
2	2-Dodecanone	184	C12H24O	006175-49-1	47
3	O-Ethyl S-2-dimethylaminoethyl e...	225	C8H20NO2PS	098543-25-0	47
4	2-(Dimethylaminoethyl) iminoamin...	147	C5H13N3S	017124-82-2	47
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

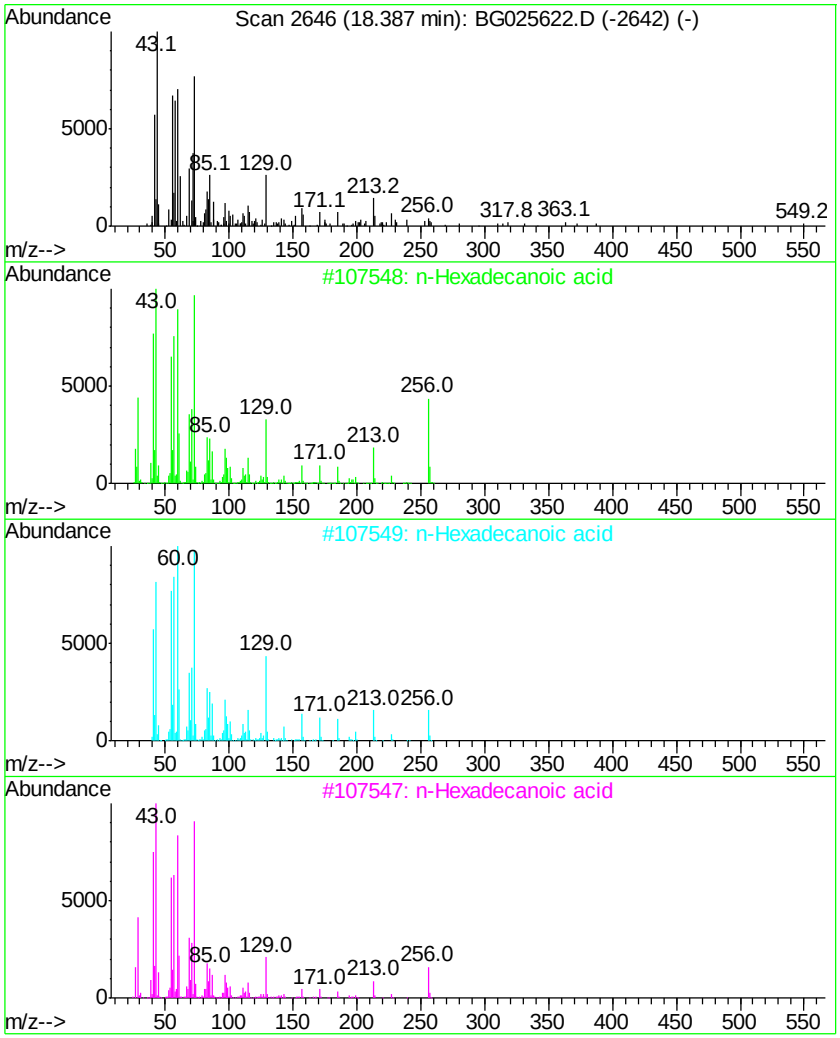
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

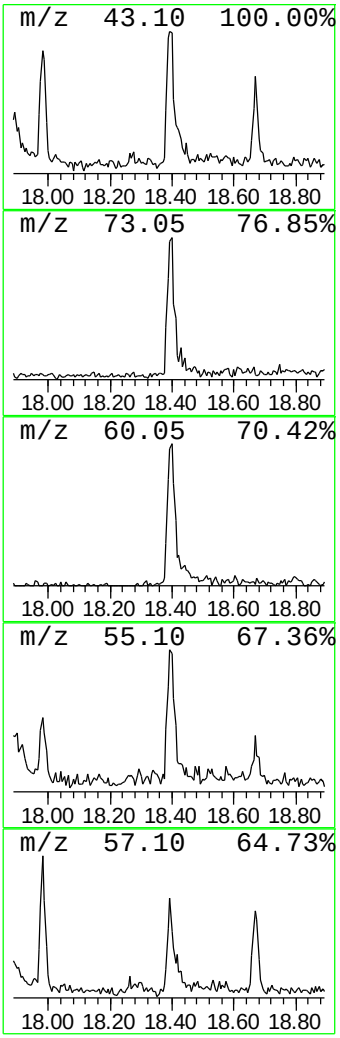
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.41 ng/ul	294071	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

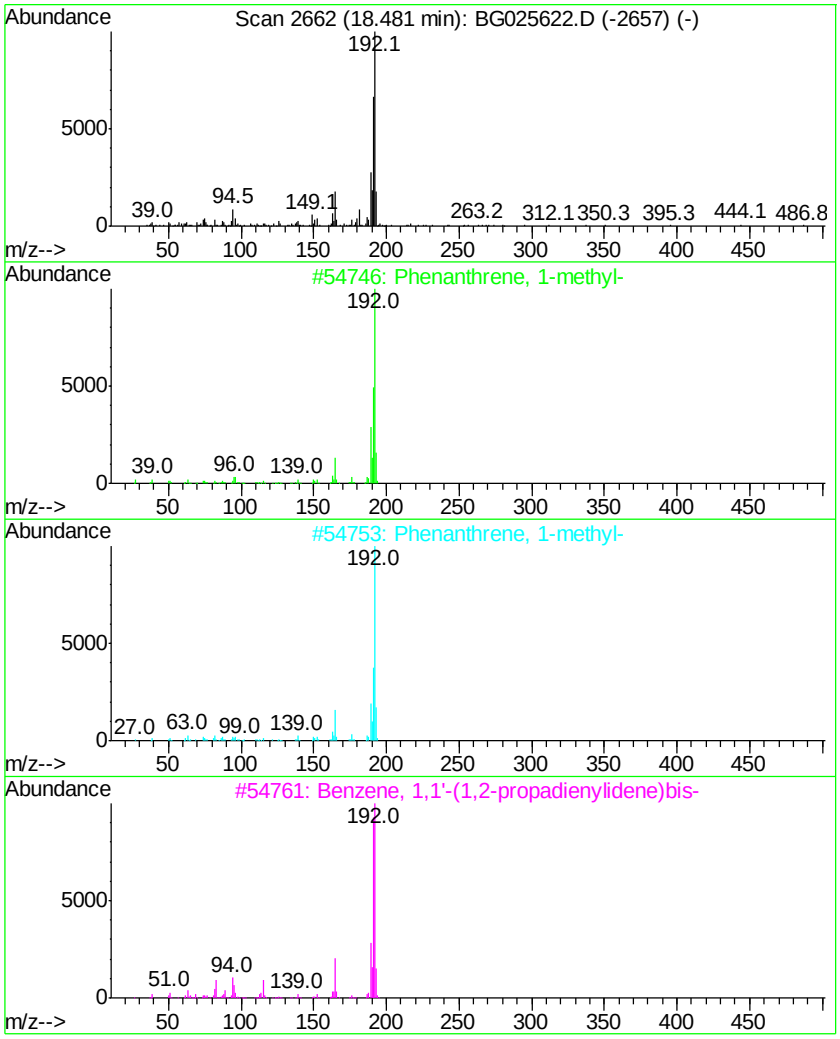
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

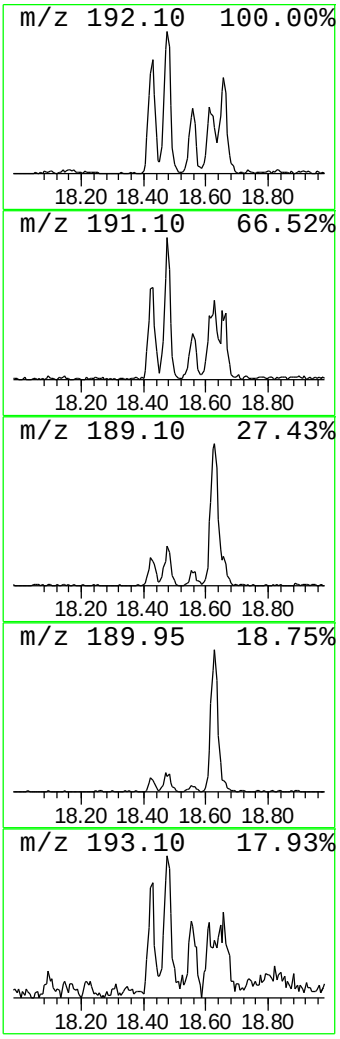
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.33 ng/ul	287614	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

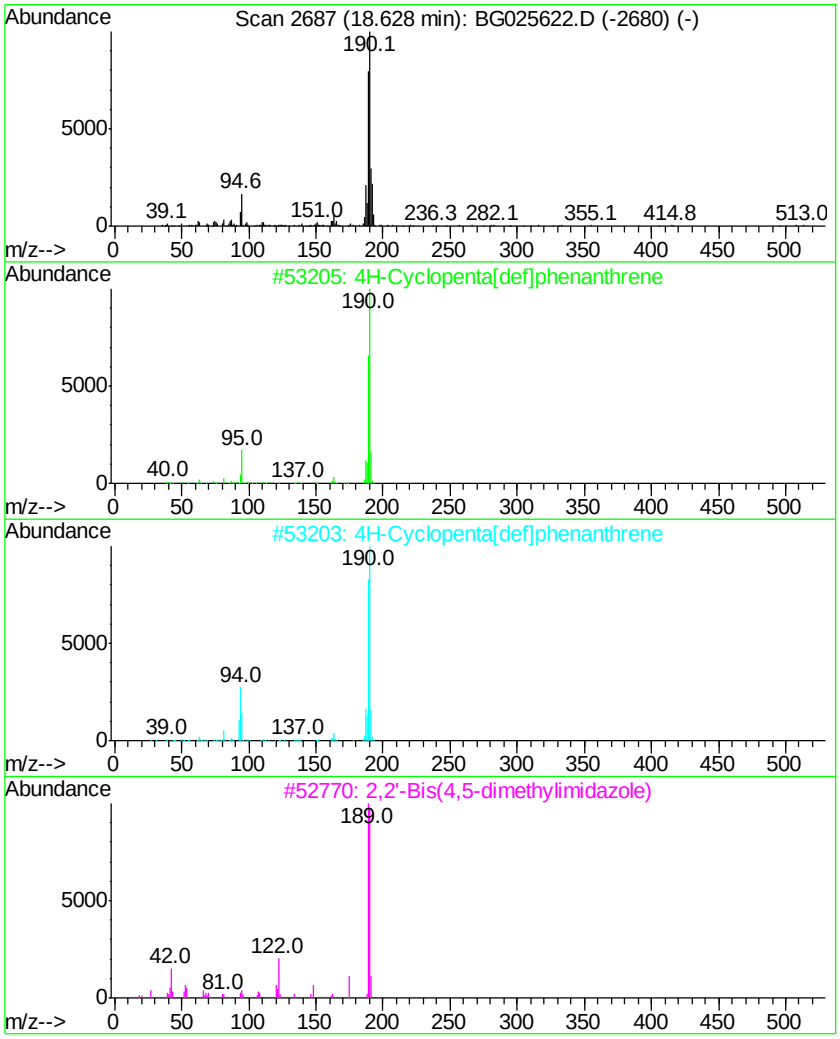
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

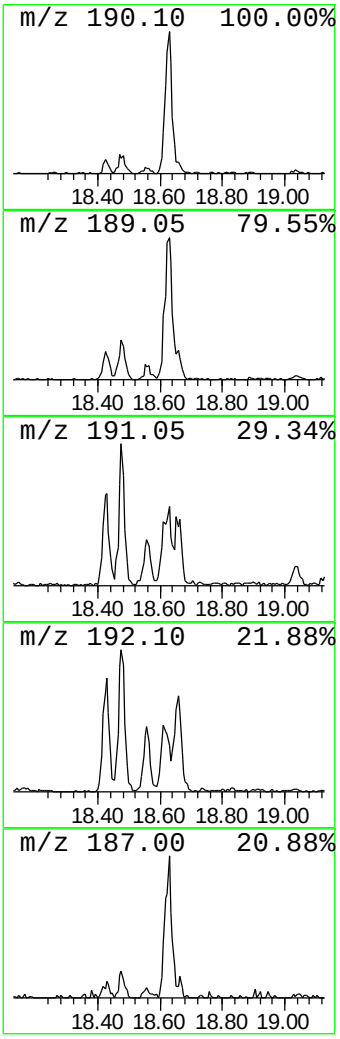
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.98 ng/ul	429684	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	35
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

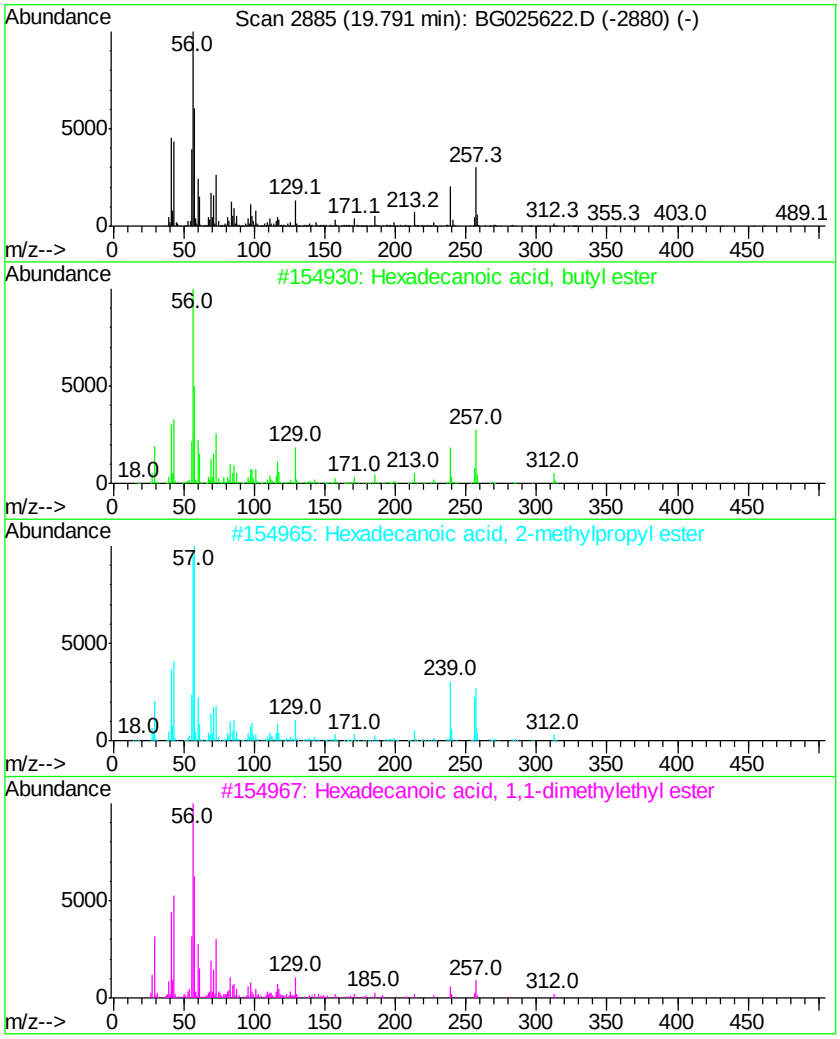
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

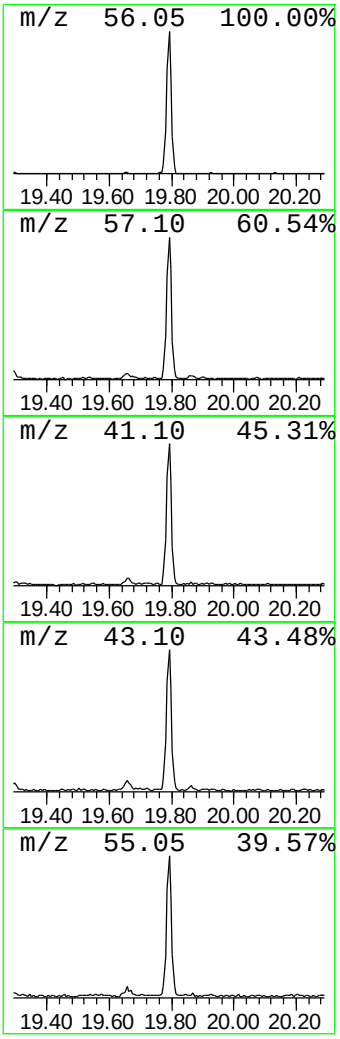
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	8.26 ng/ul	1945700	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	83
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	45
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30





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Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

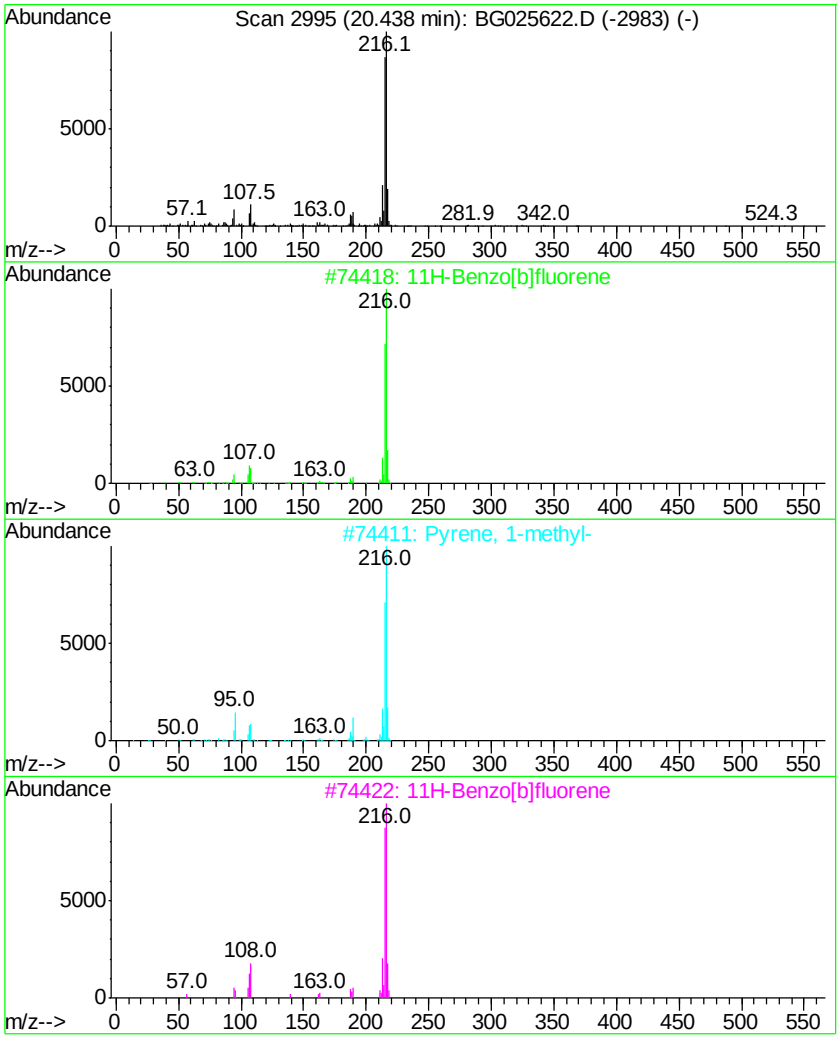
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

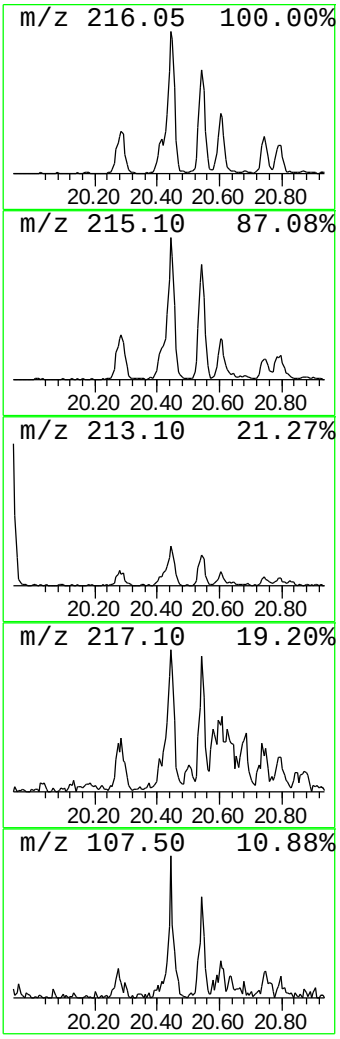
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.83 ng/ul	901520	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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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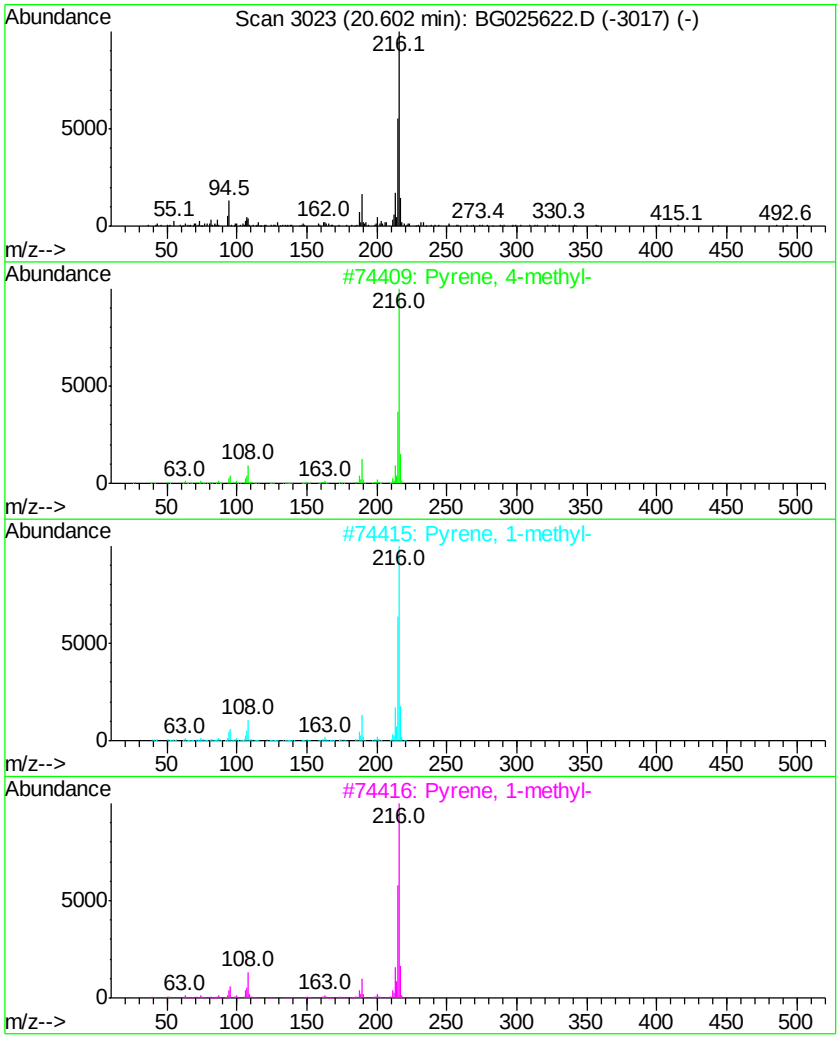
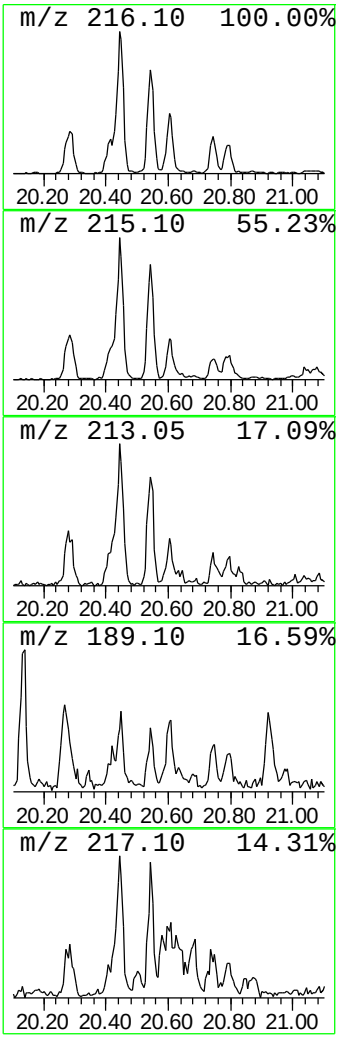
Peak Number 8 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.03 ng/ul	478474	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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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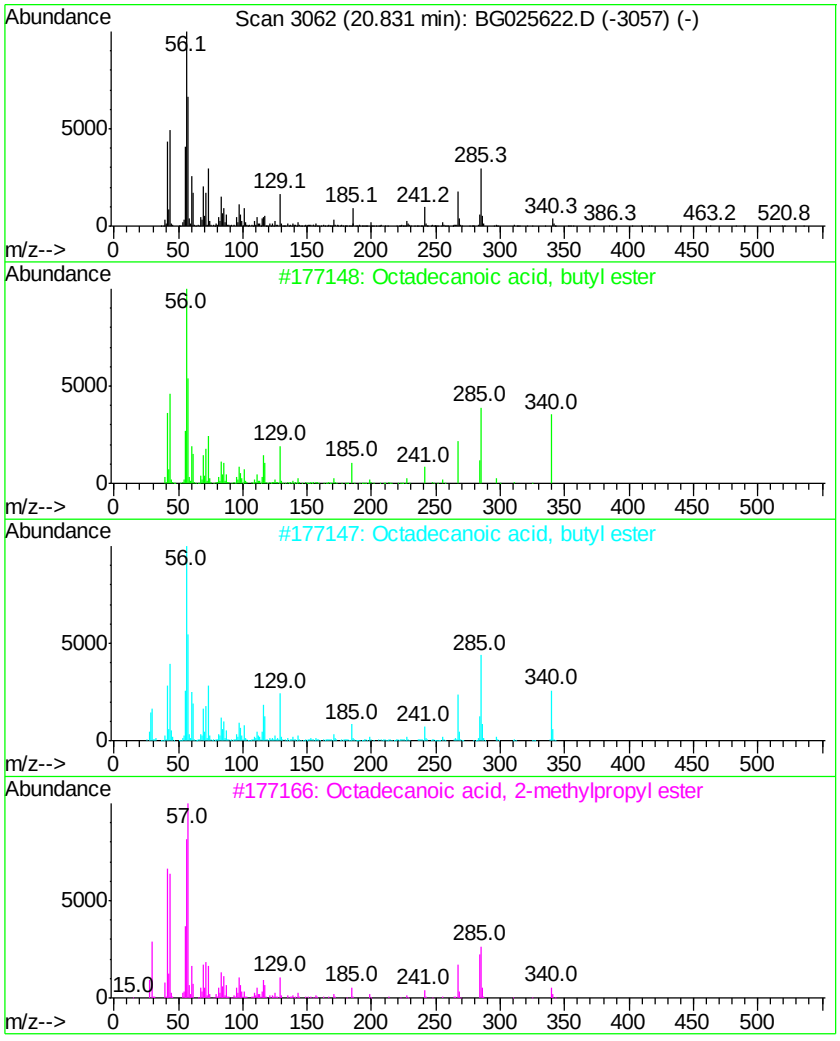
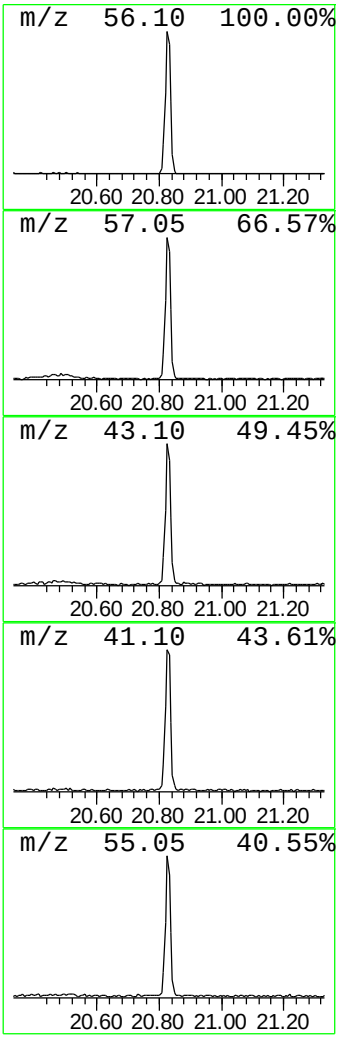
Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	9.14 ng/ul	2154920	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	64
4	Butyl myristate	284	C18H36O2	000110-36-1	64
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025622.D
Acq On : 25 Jan 2017 00:27
Operator : UM/SJ
Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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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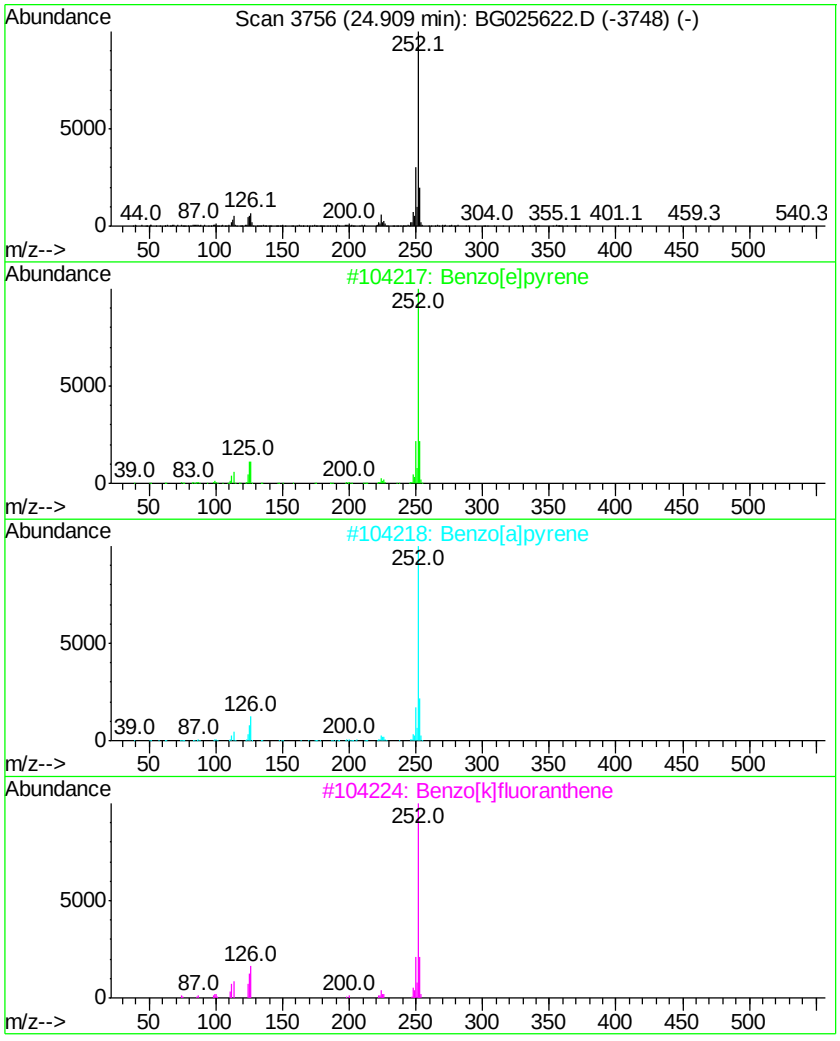
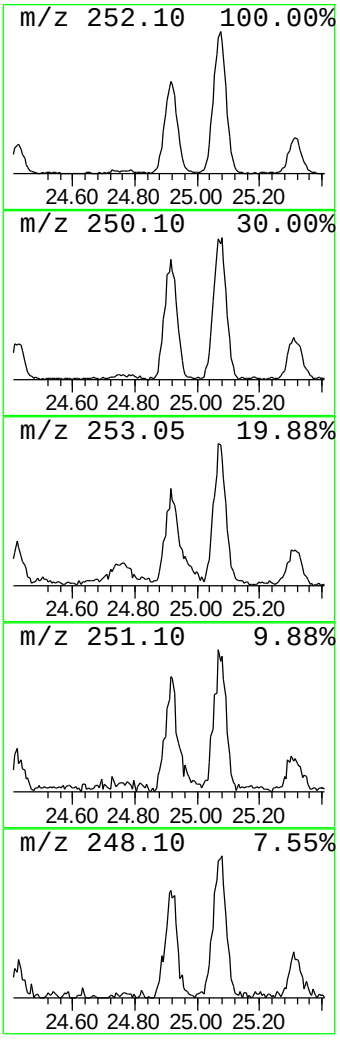
Peak Number 11 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	10.84 ng/ul	1042220	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BDP17

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Quant Title : SVOA CALIBRATION

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

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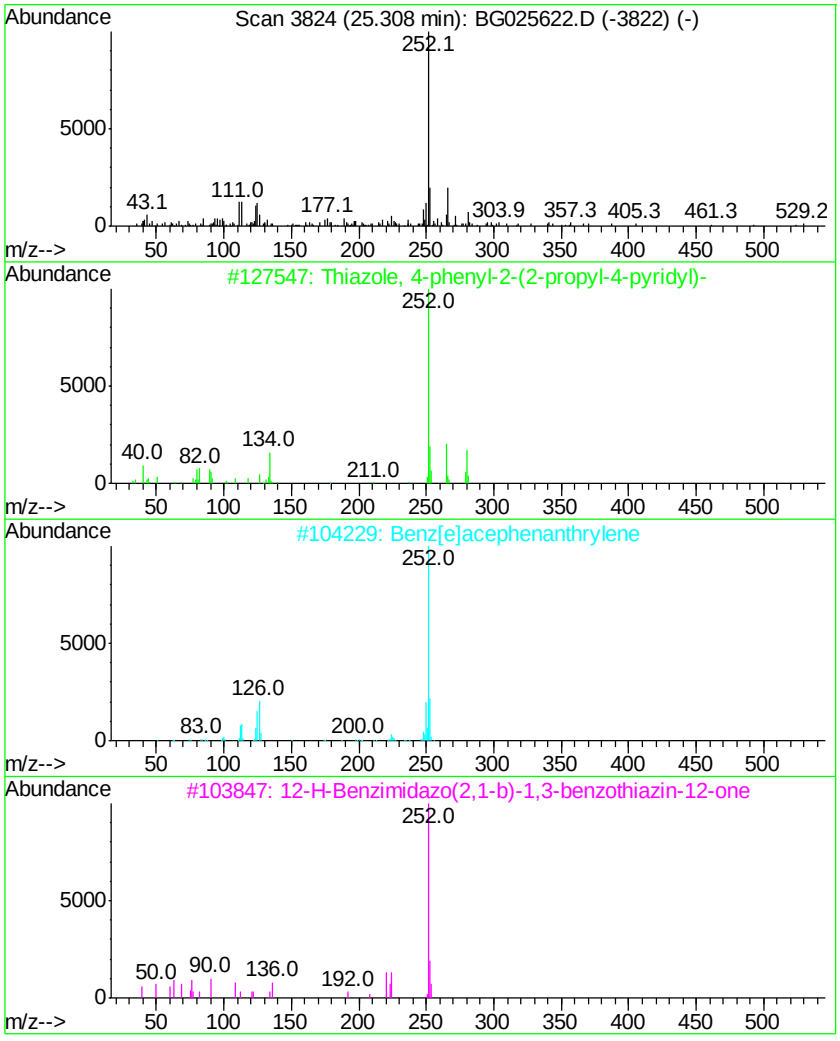
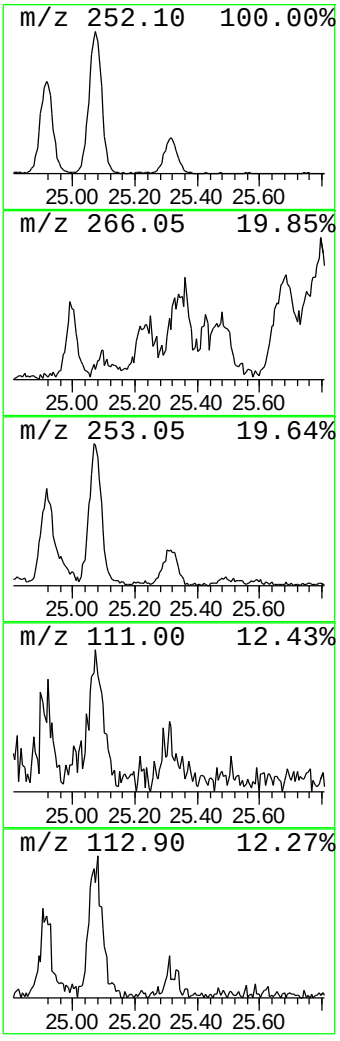
Peak Number 12 Thiazole, 4-phenyl-2-(2-pro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.31	4.71 ng/ul	452957	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-phenyl-2-(2-propyl-4...	280	C17H16N2S	125255-99-4	59
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	53
3	12-H-Benzimidazo(2,1-b)-1,3-benz...	252	C14H8N2OS	063586-54-9	53
4	Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	53
5	1-Phenyl-3-(4-methoxyphenyl)-2-p...	252	C16H16N2O	003314-43-0	53





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Misc :
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Instrument : BNA_G
ClientSampleId : BDP17

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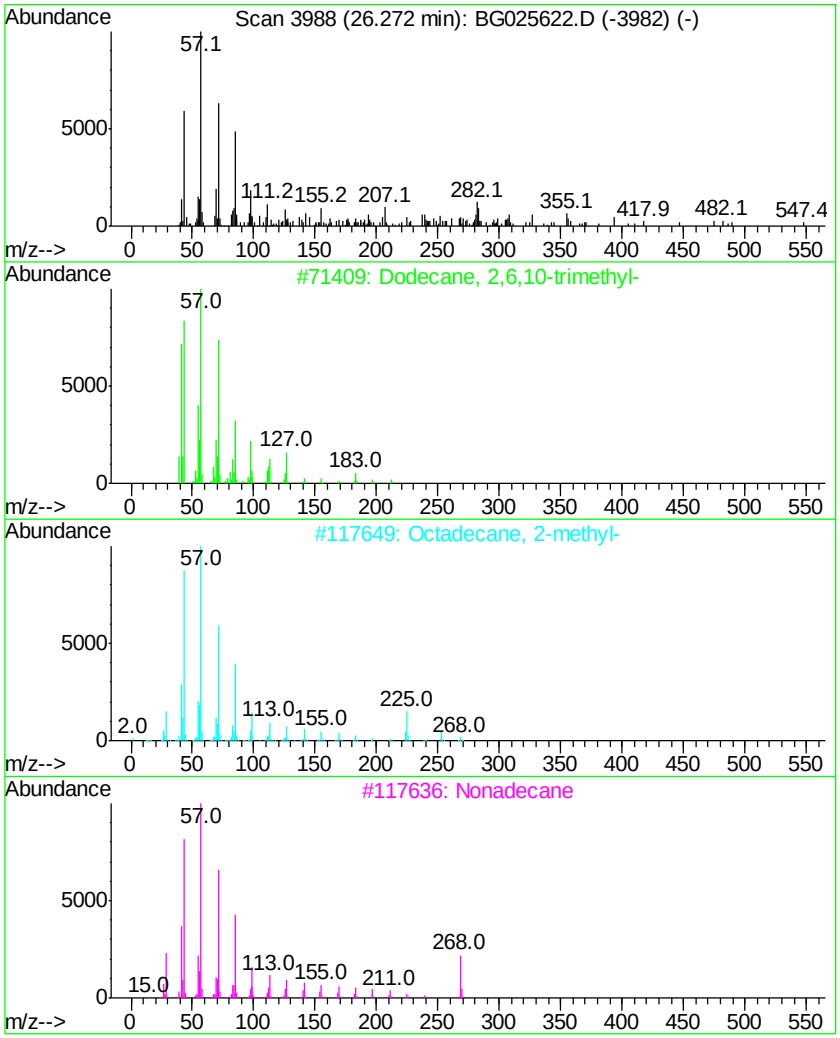
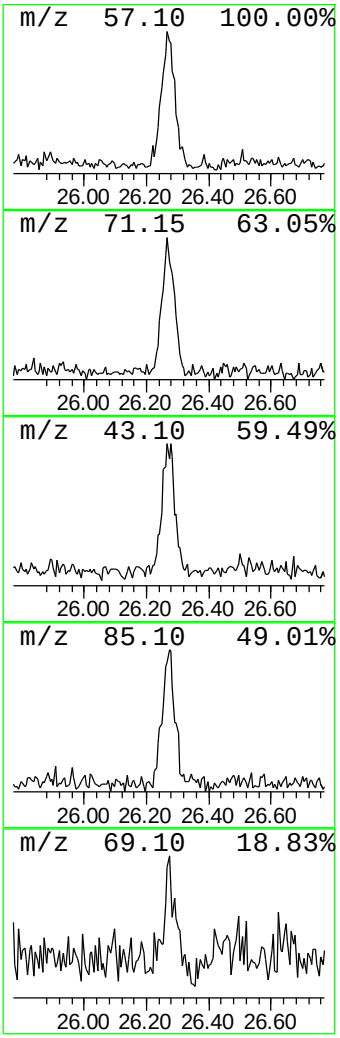
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.24 ng/ul	215514	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	62
3	Nonadecane	268	C19H40	000629-92-5	58
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
5	1-Bromoeicosane	360	C20H41Br	004276-49-7	58





Library Search Compound Report

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Sample : I1316-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP17

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

TIC Library : C:\DATABASE\NIST11.L
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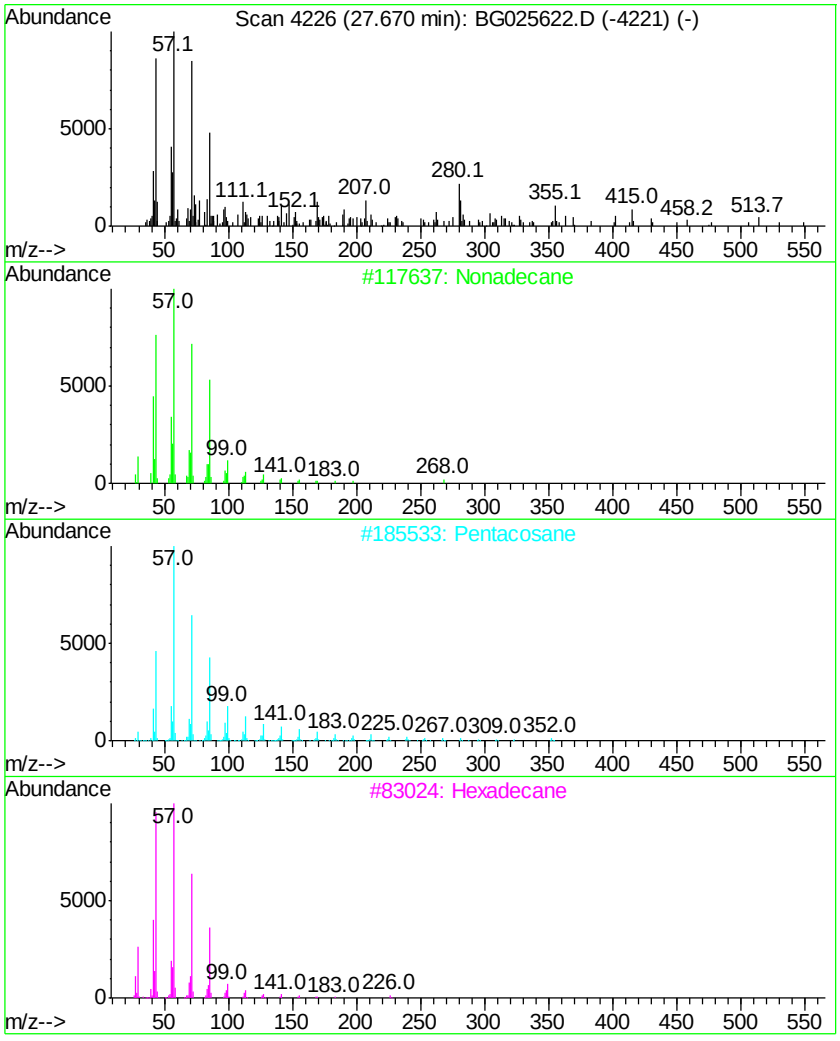
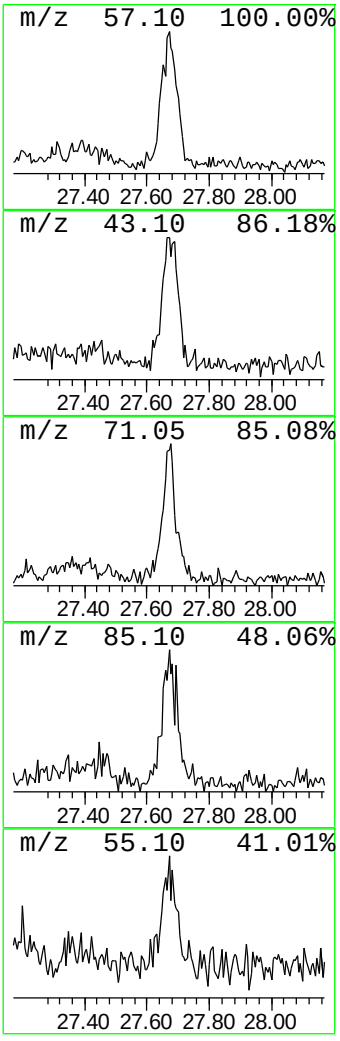
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	2.82 ng/ul	270992	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Pentacosane	352	C25H52	000629-99-2	70
3	Hexadecane	226	C16H34	000544-76-3	62
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	58
5	Heneicosane	296	C21H44	000629-94-7	58





Tentatively Identified Compound (LSC) summary

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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
unknown-01	3.07	5.4	ng/ul	139056	1	8.18	516683	20.0
unknown-02	4.02	3.0	ng/ul	77726	1	8.18	516683	20.0
n-Hexadecanoic acid	18.39	3.4	ng/ul	294071	4	17.55	1726520	20.0
Phenanthrene, 1-m...	18.48	3.3	ng/ul	287614	4	17.55	1726520	20.0
4H-Cyclopenta[def...	18.63	5.0	ng/ul	429684	4	17.55	1726520	20.0
Hexadecanoic acid...	19.79	8.3	ng/ul	1945700	5	21.85	4713600	20.0
11H-Benzo[b]fluorene	20.44	3.8	ng/ul	901520	5	21.85	4713600	20.0
Pyrene, 4-methyl-	20.60	2.0	ng/ul	478474	5	21.85	4713600	20.0
Octadecanoic acid...	20.83	9.1	ng/ul	2154920	5	21.85	4713600	20.0
Benzo[e]pyrene	24.91	10.8	ng/ul	1042220	6	25.24	1923600	20.0
Thiazole, 4-pheny...	25.31	4.7	ng/ul	452957	6	25.24	1923600	20.0
(DEL) Alkane: Str...	26.27	2.2	ng/ul	215514	6	25.24	1923600	20.0
(DEL) Alkane: Str...	27.67	2.8	ng/ul	270992	6	25.24	1923600	20.0