LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025743.D
Acq On : 1 Feb 2017 8:16
Operator : SJ/MA
Sample : I1460-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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	3.009	24	29	34	rBV6	18923	31669	1.16%	0.094%
2	3.062	34	38	46	rVB	54728	80707	2.97%	0.239%
3	3.138	48	51	55	rVB5	14451	20216	0.74%	0.060%
4	3.185	55	59	69	rVV6	29486	52179	1.92%	0.155%
5	3.273	69	74	83	rVB6	20520	45504	1.67%	0.135%
6	3.356	87	88	94	rBV4	9823	9706	0.36%	0.029%
7	3.503	108	113	123	rVB4	22634	44821	1.65%	0.133%
8	3.855	170	173	177	rBV3	6045	11009	0.40%	0.033%
9	4.014	196	200	203	rBV6	22653	40682	1.50%	0.121%
10	4.049	203	206	215	rVB5	25174	41673	1.53%	0.124%
11	4.319	247	252	256	rVB5	4942	10803	0.40%	0.032%
12	4.654	308	309	319	rVB6	6391	13902	0.51%	0.041%
13	4.836	338	340	347	rVB6	8090	15680	0.58%	0.046%
14	5.424	437	440	444	rVB5	9046	13186	0.48%	0.039%
15	5.588	463	468	472	rBV7	8187	12079	0.44%	0.036%
16	5.929	525	526	533	rVB6	7389	10493	0.39%	0.031%
17	6.129	557	560	565	rBV6	8479	13410	0.49%	0.040%
18	6.364	595	600	604	rVB6	7137	11302	0.42%	0.033%
19	6.622	637	644	651	rBV9	11293	25134	0.92%	0.074%
20	6.711	651	659	666	rBV8	11416	31495	1.16%	0.093%
21	6.922	689	695	701	rVB6	6943	14457	0.53%	0.043%
22	7.333	757	765	781	rBV2	301678	740852	27.24%	2.196%
23	7.486	783	791	805	rVV	240359	439604	16.16%	1.303%
24	7.698	820	827	840	rBV	323301	613472	22.56%	1.818%
25	7.839	847	851	857	rVB4	5870	12156	0.45%	0.036%
26	8.097	890	895	898	rBV5	7816	9845	0.36%	0.029%
27	8.168	898	907	922	rVV	332128	641329	23.58%	1.901%
28	8.885	1021	1029	1044	rBV3	336714	721948	26.54%	2.140%
29	9.172	1075	1078	1086	rVB7	4352	9751	0.36%	0.029%
30	9.355	1101	1109	1118	rBV	314580	614383	22.59%	1.821%
31	9.490	1126	1132	1136	rBV8	6518	14112	0.52%	0.042%
32	9.660	1156	1161	1166	rBV7	13312	27848	1.02%	0.083%
33	9.919	1199	1205	1210	rBV7	8397	15423	0.57%	0.046%
34	10.077	1223	1232	1245	rBV2	285259	574325	21.12%	1.702%

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Misc :
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Instrument : BNA_G
ClientSampleId : BDNT7

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
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Peak separation: 1

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

35	10.630	1318	1326	1345	rVV	374466	858691	31.57%	2.545%
36	10.994	1379	1388	1398	rVV	484911	889498	32.70%	2.636%
37	11.147	1407	1414	1430	rBV3	159083	423802	15.58%	1.256%
38	12.016	1555	1562	1567	rBV8	7915	18924	0.70%	0.056%
39	12.580	1650	1658	1663	rBV10	11502	22177	0.82%	0.066%
40	12.662	1663	1672	1677	rVB8	10318	27413	1.01%	0.081%
41	12.874	1702	1708	1712	rVV4	9678	18941	0.70%	0.056%
42	13.050	1731	1738	1740	rBV5	7284	11198	0.41%	0.033%
43	13.138	1746	1753	1759	rBV6	10266	18647	0.69%	0.055%
44	13.385	1788	1795	1799	rVB6	8978	17832	0.66%	0.053%
45	13.538	1816	1821	1824	rVV5	13219	22745	0.84%	0.067%
46	13.650	1834	1840	1848	rBV5	37721	74503	2.74%	0.221%
47	13.767	1856	1860	1863	rBV5	5892	9389	0.35%	0.028%
48	13.843	1866	1873	1879	rBV8	8488	24609	0.90%	0.073%
49	13.967	1886	1894	1906	rBV8	10206	33792	1.24%	0.100%
50	14.096	1911	1916	1925	rBV10	13273	38972	1.43%	0.115%
51	14.190	1925	1932	1936	rVV	868081	1294890	47.61%	3.838%
52	14.237	1936	1940	1953	rVB	347310	559959	20.59%	1.660%
53	14.496	1976	1984	1995	rBV	899290	1475624	54.26%	4.373%
54	14.637	2003	2008	2016	rVB4	24778	43483	1.60%	0.129%
55	14.795	2027	2035	2048	rVV	826107	1301970	47.87%	3.859%
56	15.048	2063	2078	2096	rBV3	178734	594598	21.86%	1.762%
57	15.189	2098	2102	2110	rVB10	31126	61562	2.26%	0.182%
58	15.465	2144	2149	2155	rBV8	9423	17398	0.64%	0.052%
59	15.541	2155	2162	2166	rBV6	28332	53743	1.98%	0.159%
60	15.583	2166	2169	2176	rVB2	66114	74350	2.73%	0.220%
61	15.782	2193	2203	2213	rBV	1167388	1923461	70.72%	5.700%
62	15.870	2213	2218	2223	rVV2	200488	301329	11.08%	0.893%
63	15.935	2223	2229	2242	rVV2	331654	653192	24.02%	1.936%
64	16.023	2242	2244	2250	rVB6	24765	33646	1.24%	0.100%
65	16.194	2271	2273	2278	rBV6	15246	19266	0.71%	0.057%
66	16.276	2284	2287	2293	rVV8	7772	16163	0.59%	0.048%
67	16.440	2310	2315	2324	rBV3	69353	129435	4.76%	0.384%
68	16.705	2358	2360	2363	rBV4	11691	10827	0.40%	0.032%
69	16.899	2389	2393	2399	rBV9	23774	36112	1.33%	0.107%
70	17.234	2443	2450	2454	rBV2	73546	114406	4.21%	0.339%
71	17.386	2473	2476	2484	rVB8	36924	66434	2.44%	0.197%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : BDNT7

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

72	17.457	2485	2488	2495	rVV9	19631	39267	1.44%	0.116%
73	17.545	2495	2503	2513	rVV	982572	1657006	60.92%	4.911%
74	17.645	2513	2520	2537	rVB	1331863	2160547	79.44%	6.403%
75	17.774	2538	2542	2545	rBV6	13872	21236	0.78%	0.063%
76	17.874	2554	2559	2570	rBV4	132966	333889	12.28%	0.990%
77	17.968	2571	2575	2580	rVB	85803	121090	4.45%	0.359%
78	18.127	2600	2602	2609	rVB8	20517	36099	1.33%	0.107%
79	18.268	2619	2626	2632	rBV10	38811	98107	3.61%	0.291%
80	18.332	2632	2637	2641	rBV3	61783	106930	3.93%	0.317%
81	18.385	2641	2646	2655	rVV	488510	784072	28.83%	2.324%
82	18.467	2657	2660	2665	rVB5	63128	85470	3.14%	0.253%
83	18.655	2689	2692	2694	rBV4	59814	76332	2.81%	0.226%
84	19.061	2757	2761	2766	rBV8	19956	35916	1.32%	0.106%
85	19.231	2785	2790	2802	rBV	782845	1561234	57.40%	4.627%
86	19.531	2838	2841	2843	rBV3	60969	81049	2.98%	0.240%
87	19.590	2847	2851	2857	rVB	144813	219672	8.08%	0.651%
88	19.643	2857	2860	2867	rBV3	150466	233763	8.59%	0.693%
89	19.778	2880	2883	2886	rBV4	57166	66784	2.46%	0.198%
90	19.854	2892	2896	2899	rVB3	45359	59002	2.17%	0.175%
91	19.919	2901	2907	2919	rVB	1744201	2719793	100.00%	8.060%
92	20.007	2920	2922	2927	rVB6	34120	54556	2.01%	0.162%
93	20.377	2982	2985	2993	rBV4	74588	137144	5.04%	0.406%
94	20.724	3040	3044	3049	rVB3	129232	182054	6.69%	0.540%
95	21.399	3154	3159	3170	rBV3	112509	328078	12.06%	0.972%
96	21.652	3197	3202	3209	rVB2	126082	201931	7.42%	0.598%
97	21.828	3225	3232	3238	rBV	1094566	1943178	71.45%	5.759%
98	22.563	3353	3357	3363	rVB3	96053	155723	5.73%	0.462%
99	24.977	3759	3768	3777	rBV3	744218	2115631	77.79%	6.270%
100	25.207	3798	3807	3819	rVB	613930	1848632	67.97%	5.479%

Sum of corrected areas: 33742321

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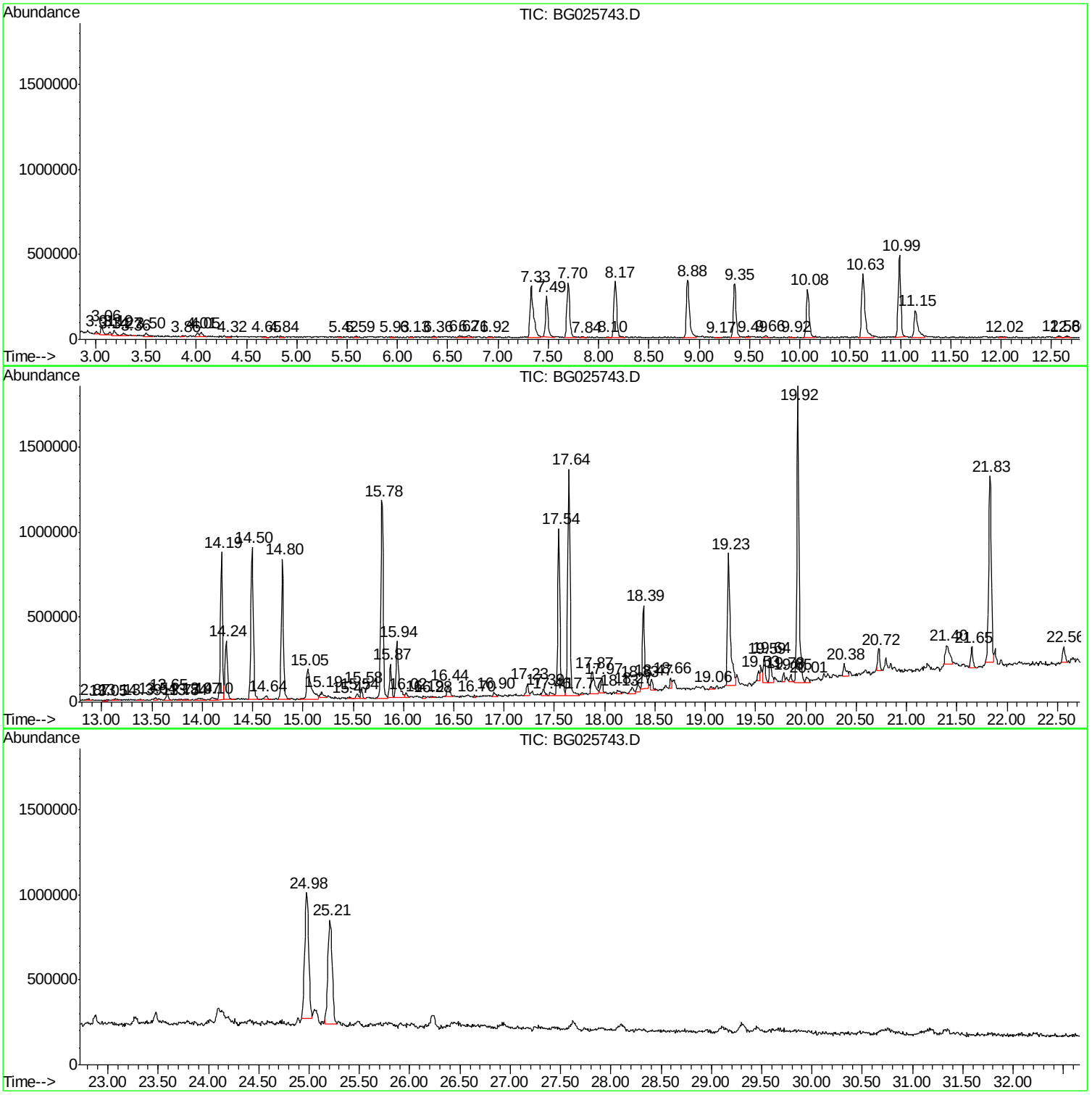
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNT7

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

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

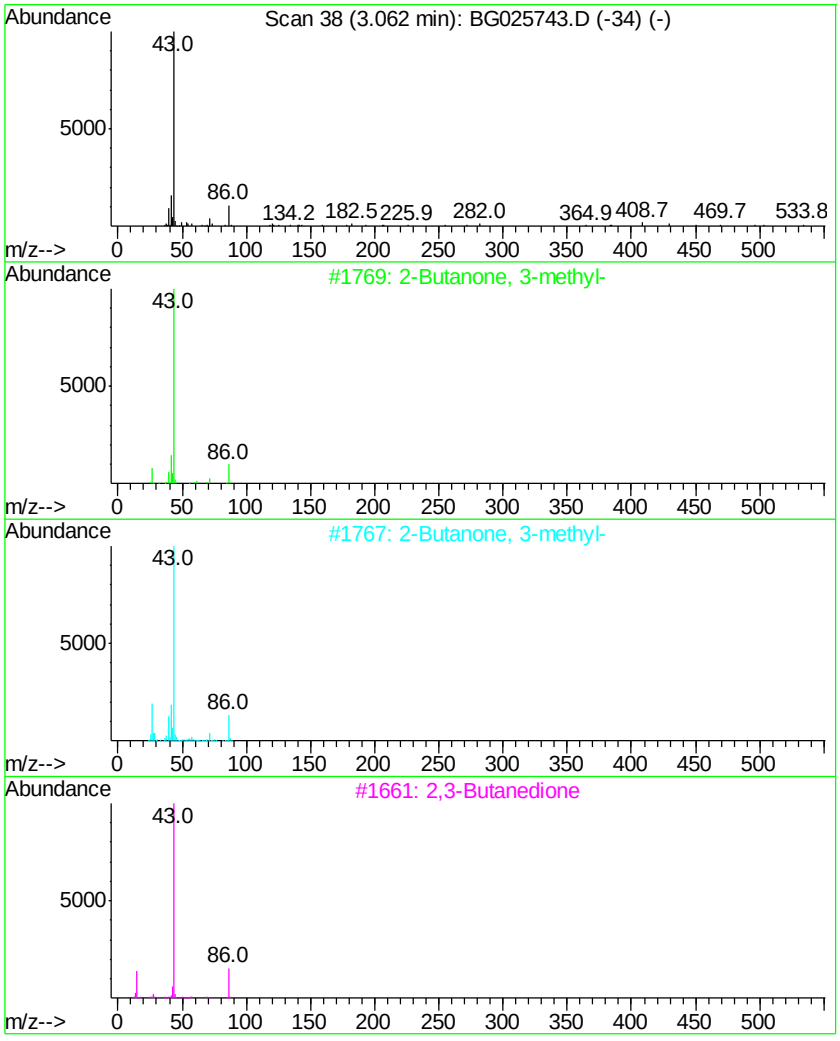
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

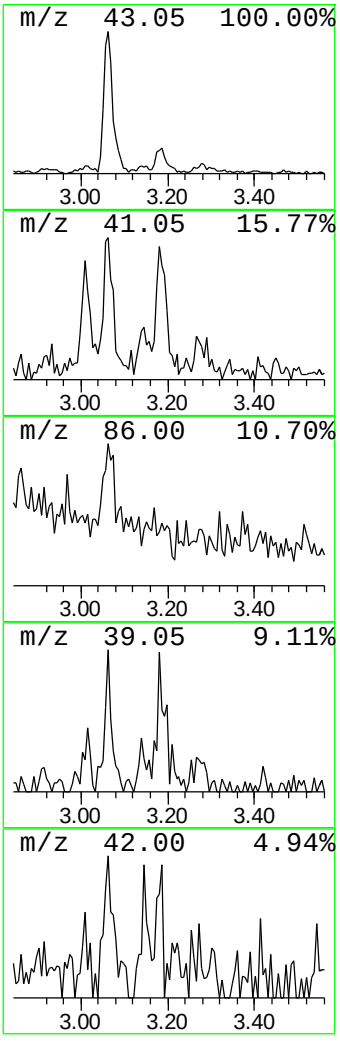
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.52 ng/ul	80707	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	14
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	14
3	2,3-Butanedione	86	C4H6O2	000431-03-8	9
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	7
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025743.D
Acq On : 1 Feb 2017 8:16
Operator : SJ/MA
Sample : I1460-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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

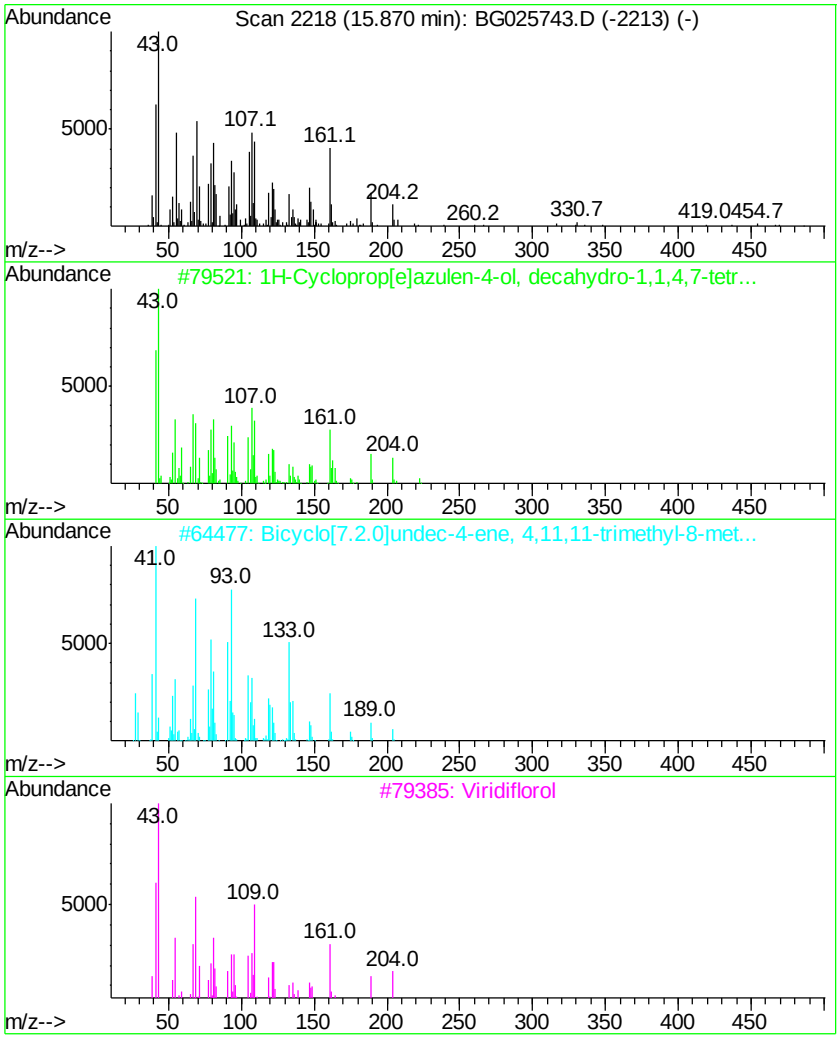
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

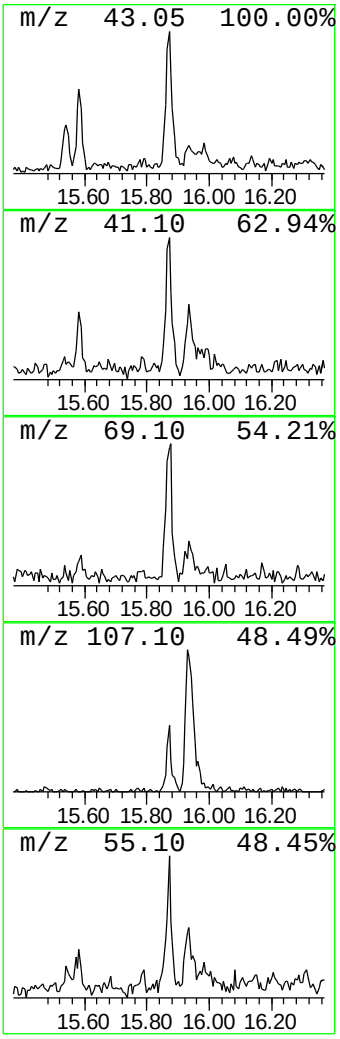
****

Peak Number 2 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.63 ng/ul	301329	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	49
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	46
3	Viridiflorol	222	C15H26O	1000122-17-3	43
4	Ledol	222	C15H26O	000577-27-5	43
5	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	38





Library Search Compound Report

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Sample : I1460-09
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Instrument : BNA_G
ClientSampleId : BDNT7

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

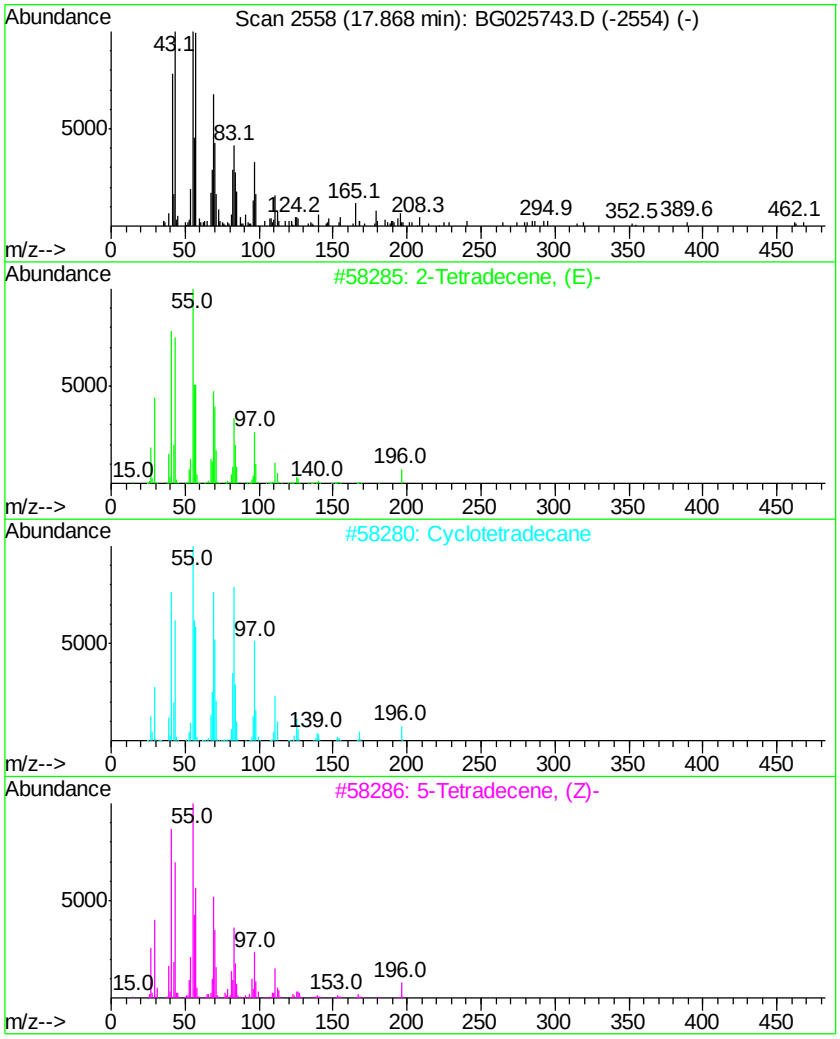
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

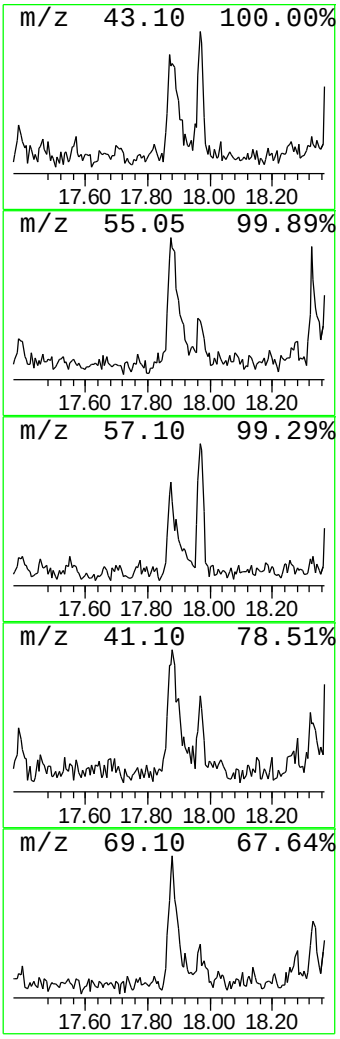
****

Peak Number 3 (DEL) Alkane: Cyclic17.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.03 ng/ul	333889	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	94
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	93
4	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	91
5	1-Tetradecene	196	C14H28	001120-36-1	91





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Instrument : BNA_G
ClientSampleId : BDNT7

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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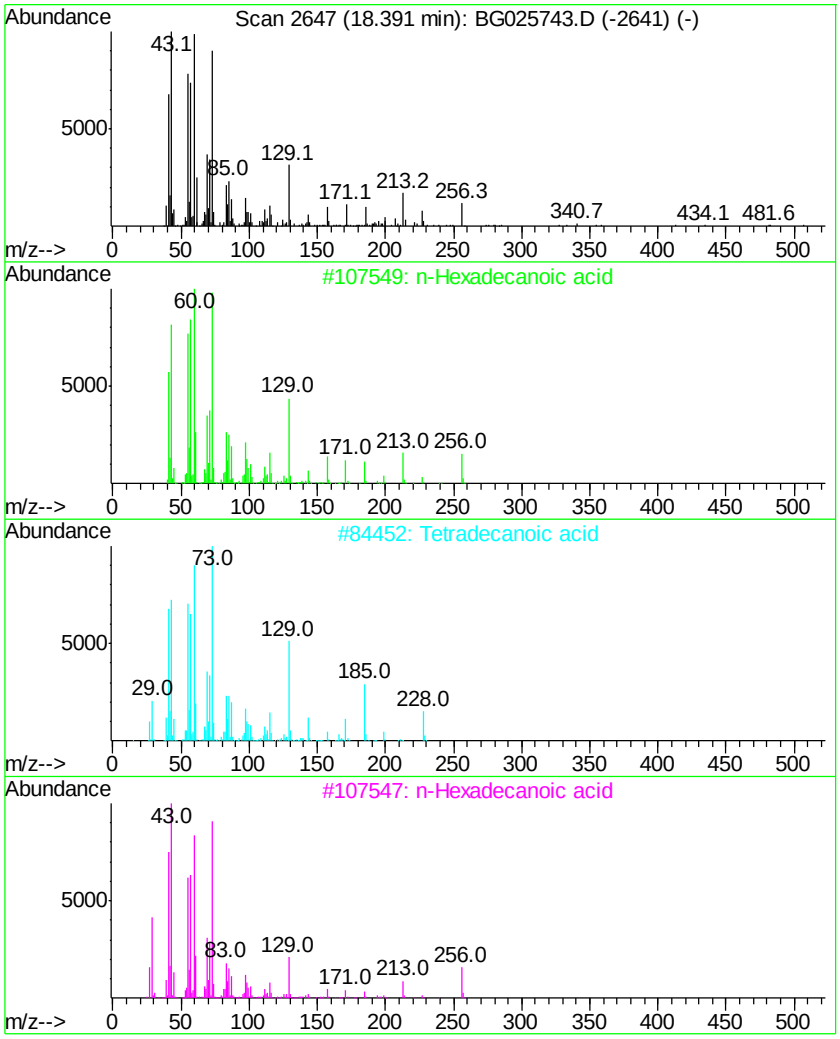
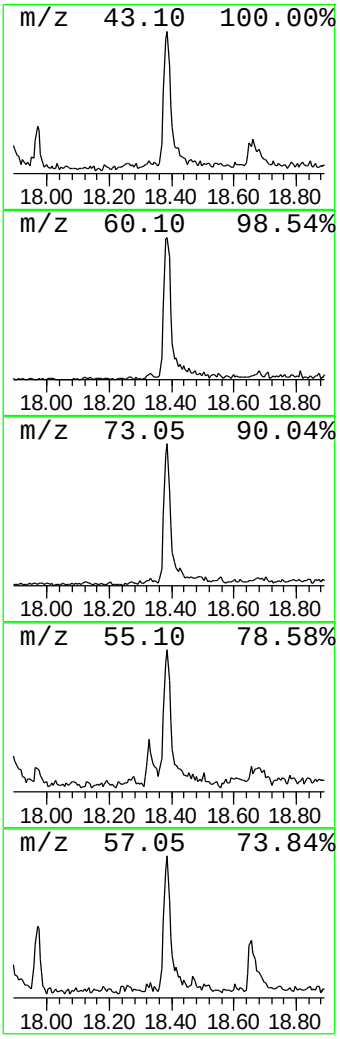
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	9.46 ng/ul	784072	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Sample : I1460-09
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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

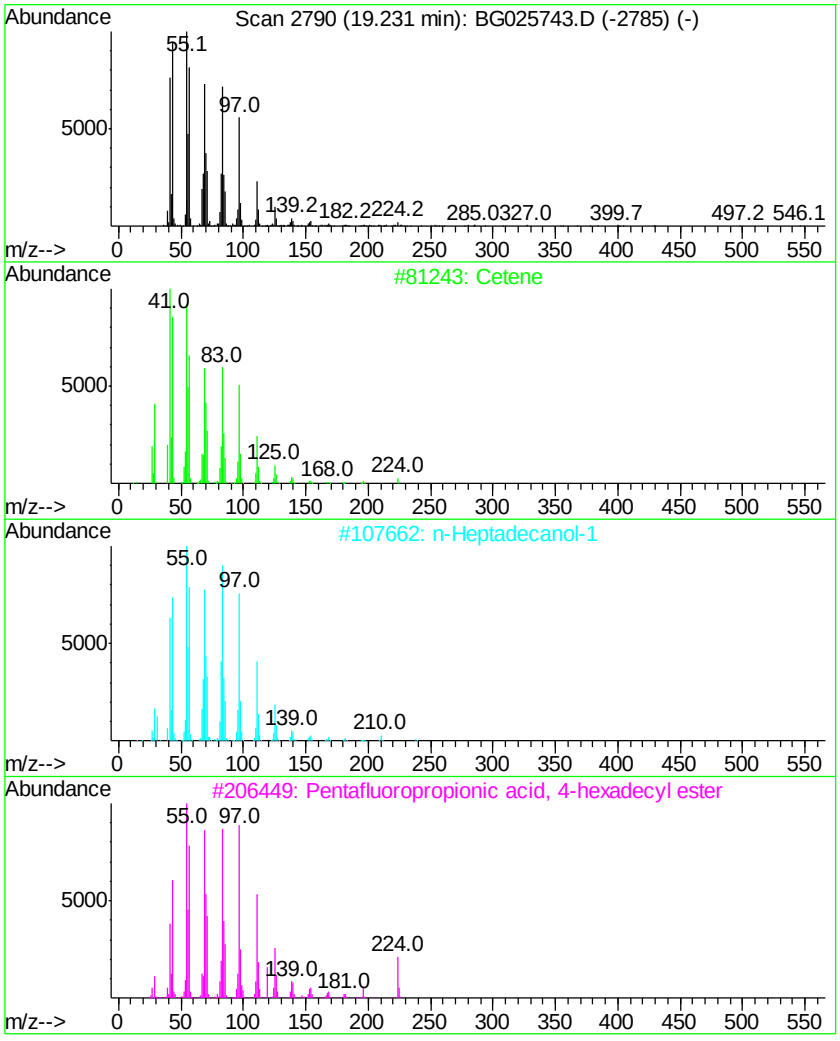
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

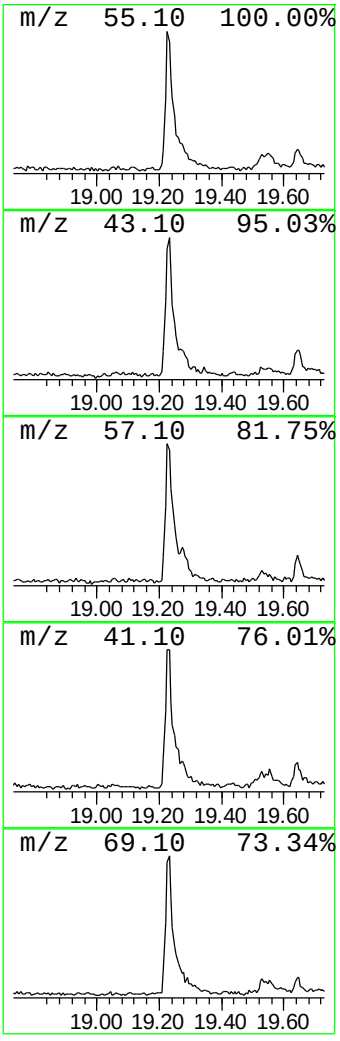
****

Peak Number 5 (DEL) Alkane: Cyclic19.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	18.84 ng/ul	1561230	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





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Data File : BG025743.D
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Sample : I1460-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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

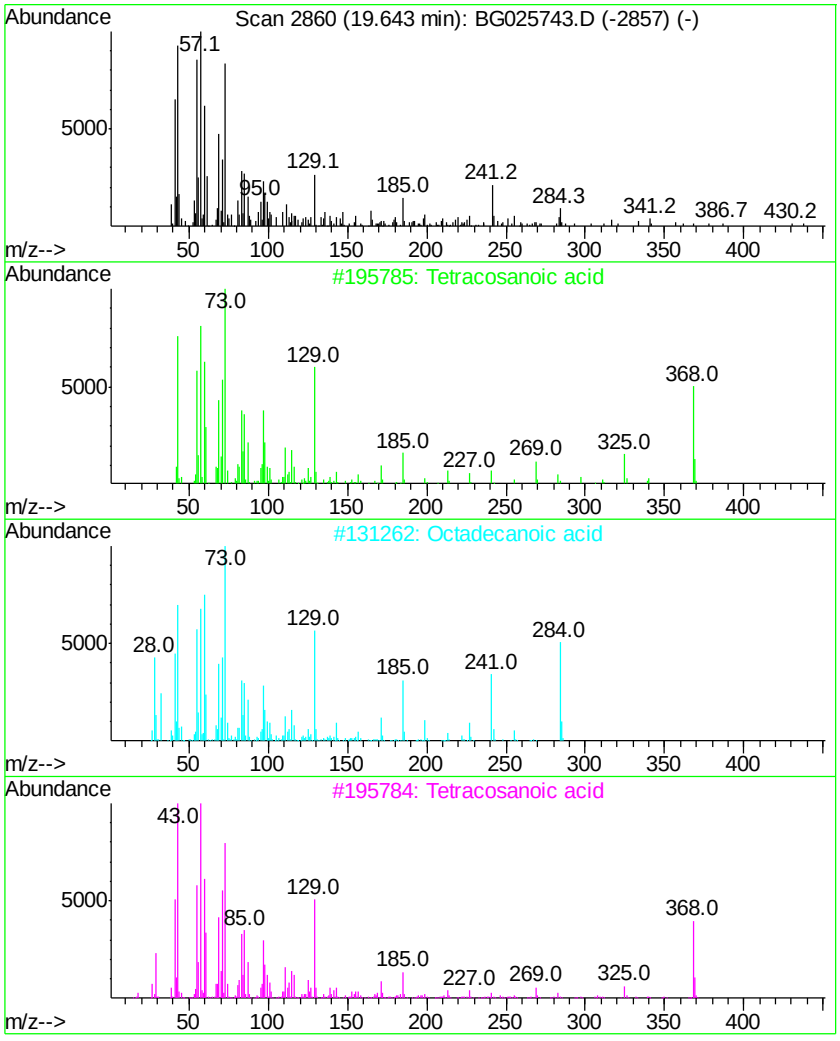
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

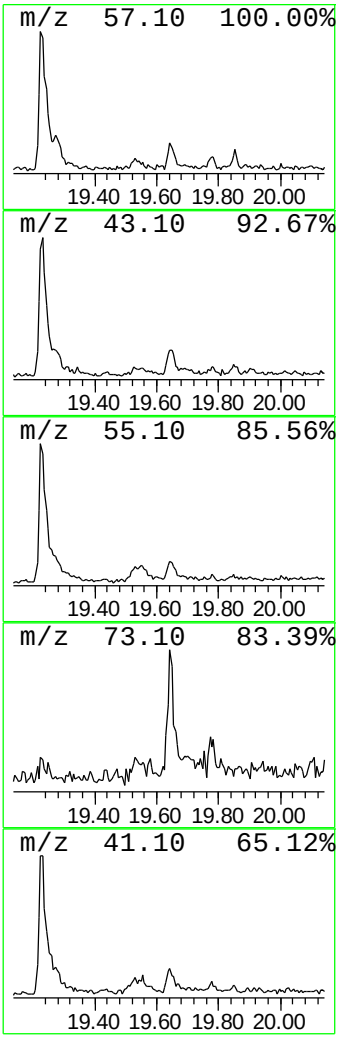
****

Peak Number 6 Tetracosanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.82 ng/ul	233763	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	81
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025743.D
Acq On : 1 Feb 2017 8:16
Operator : SJ/MA
Sample : I1460-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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

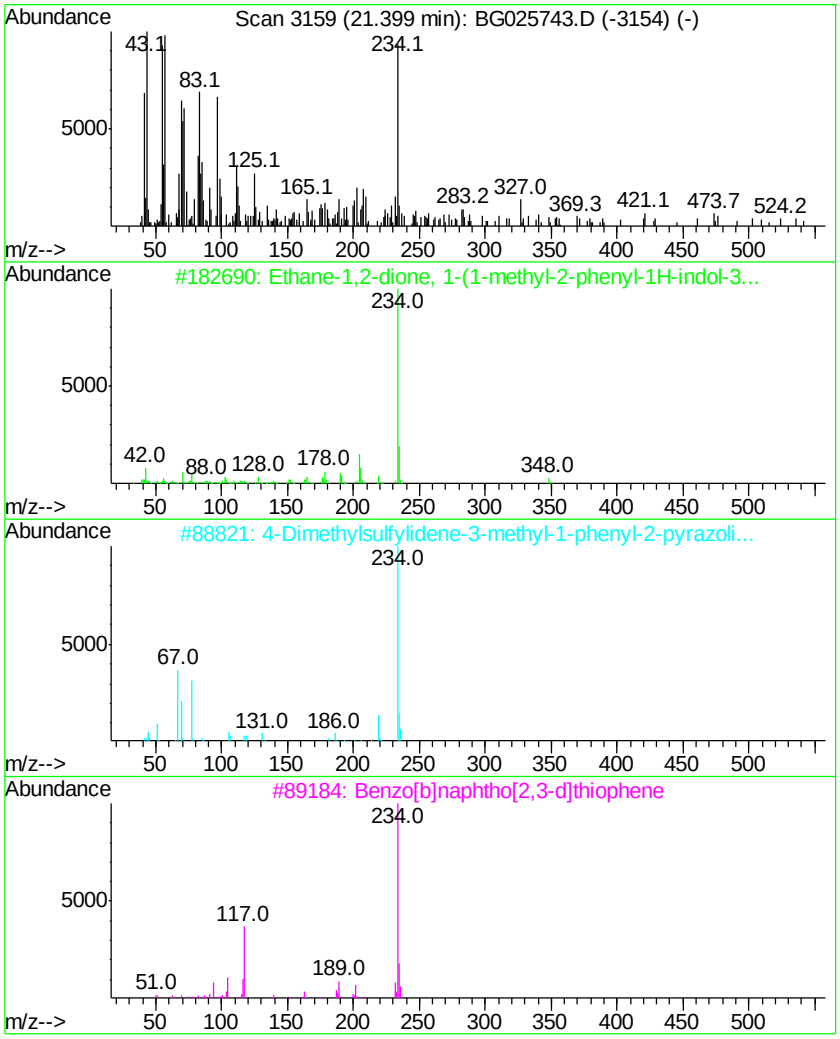
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

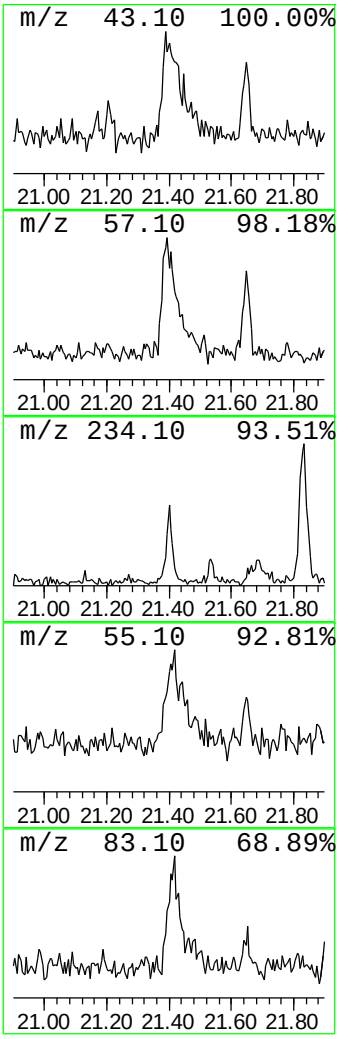
****

Peak Number 7 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.38 ng/ul	328078	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane-1,2-dione, 1-(1-methyl-2-...	348	C21H20N2O3	1000316-07-4	43
2	4-Dimethylsulfylidene-3-methyl-1...	234	C12H14N2OS	033321-45-8	43
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	43
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	43
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG013117\
Data File : BG025743.D
Acq On : 1 Feb 2017 8:16
Operator : SJ/MA
Sample : I1460-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNT7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.06	2.5	ng/ul	80707	1	8.16	641329	20.0
unknown-02	15.87	4.6	ng/ul	301329	3	14.80	1301970	20.0
(DEL) Alkane: Cyc...	17.87	4.0	ng/ul	333889	4	17.55	1657010	20.0
n-Hexadecanoic acid	18.39	9.5	ng/ul	784072	4	17.55	1657010	20.0
(DEL) Alkane: Cyc...	19.23	18.8	ng/ul	1561230	4	17.55	1657010	20.0
Tetracosanoic acid	19.64	2.8	ng/ul	233763	4	17.55	1657010	20.0
unknown-03	21.40	3.4	ng/ul	328078	5	21.83	1943180	20.0