LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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-BG080217.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.818	36	39	48	rVB5	8136	14171	0.92%	0.111%
2	4.229	104	109	117	rVB6	7762	15251	0.99%	0.119%
3	4.323	118	125	133	rVV2	27843	46554	3.01%	0.363%
4	4.393	133	137	141	rVB3	4378	6483	0.42%	0.051%
5	4.658	175	182	184	rBV3	1928	4117	0.27%	0.032%
6	4.916	221	226	231	rBV4	3276	8412	0.54%	0.066%
7	5.016	241	243	249	rBV4	2088	4064	0.26%	0.032%
8	5.087	249	255	261	rVB5	5521	8874	0.57%	0.069%
9	5.216	272	277	278	rBV4	2293	3781	0.24%	0.030%
10	5.439	310	315	321	rBV5	4407	8324	0.54%	0.065%
11	5.533	327	331	334	rBV3	4985	7637	0.49%	0.060%
12	6.227	443	449	455	rBV3	2111	4305	0.28%	0.034%
13	6.538	500	502	510	rVB3	2287	3930	0.25%	0.031%
14	7.490	656	664	676	rBV	83937	166716	10.77%	1.302%
15	7.654	682	692	701	rBV	64623	117220	7.57%	0.915%
16	7.872	722	729	741	rVB	75760	145090	9.37%	1.133%
17	8.218	783	788	793	rVB3	1874	3823	0.25%	0.030%
18	8.342	800	809	818	rVB	125325	228434	14.76%	1.784%
19	8.882	898	901	906	rBV3	1955	4017	0.26%	0.031%
20	9.035	920	927	936	rBV2	97972	185907	12.01%	1.452%
21	9.164	947	949	959	rVB3	3959	6953	0.45%	0.054%
22	9.505	999	1007	1019	rBV2	93300	186566	12.05%	1.457%
23	10.234	1122	1131	1143	rVB2	90928	170567	11.02%	1.332%
24	10.774	1212	1223	1234	rBV2	125601	246011	15.89%	1.921%
25	11.162	1281	1289	1296	rBV	187830	350123	22.62%	2.734%
26	11.291	1303	1311	1325	rBV2	77271	164885	10.65%	1.287%
27	12.114	1448	1451	1459	rBV4	2361	6141	0.40%	0.048%
28	12.519	1515	1520	1525	rBV4	2525	5069	0.33%	0.040%
29	12.613	1529	1536	1541	rBV5	3164	6124	0.40%	0.048%
30	12.801	1563	1568	1571	rBV2	3057	4931	0.32%	0.039%
31	13.019	1598	1605	1608	rVB5	2618	4853	0.31%	0.038%
32	13.306	1649	1654	1659	rVB4	3373	5638	0.36%	0.044%
33	13.541	1688	1694	1703	rBV5	4364	6340	0.41%	0.050%
34	13.735	1723	1727	1732	rVB4	4462	8702	0.56%	0.068%

LSC Area Percent Report

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Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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-BG080217.M
Title : SVOA CALIBRATION

35	14.111	1786	1791	1800	rVB3	2876	6196	0.40%	0.048%
36	14.264	1810	1817	1822	rBV5	2616	6970	0.45%	0.054%
37	14.335	1822	1829	1834	rVV	307396	477998	30.88%	3.732%
38	14.382	1834	1837	1843	rVB	57583	82757	5.35%	0.646%
39	14.646	1874	1882	1891	rVV	336306	538872	34.81%	4.208%
40	14.799	1903	1908	1914	rVB3	6260	10787	0.70%	0.084%
41	14.952	1924	1934	1941	rBV2	319358	540281	34.90%	4.219%
42	15.016	1941	1945	1950	rVB4	5927	10192	0.66%	0.080%
43	15.151	1961	1968	1980	rBV2	87490	190491	12.30%	1.487%
44	15.298	1989	1993	1996	rBV4	4333	6373	0.41%	0.050%
45	15.357	1997	2003	2010	rVB9	6030	13130	0.85%	0.103%
46	15.498	2021	2027	2029	rVB3	2202	4203	0.27%	0.033%
47	15.557	2034	2037	2040	rBV	3130	4044	0.26%	0.032%
48	15.616	2043	2047	2053	rVB3	3093	5104	0.33%	0.040%
49	15.710	2058	2063	2067	rBV	21330	31822	2.06%	0.248%
50	15.751	2067	2070	2077	rVB3	10911	13907	0.90%	0.109%
51	15.939	2093	2102	2110	rBV	484472	749688	48.43%	5.854%
52	15.992	2110	2111	2116	rVB3	7812	8585	0.55%	0.067%
53	16.062	2116	2123	2134	rBV	114239	192527	12.44%	1.503%
54	16.138	2134	2136	2138	rVV3	3353	4053	0.26%	0.032%
55	16.180	2138	2143	2152	rVB5	6009	14059	0.91%	0.110%
56	16.538	2197	2204	2208	rBV5	10939	18924	1.22%	0.148%
57	16.614	2213	2217	2224	rBV6	11125	20736	1.34%	0.162%
58	16.890	2259	2264	2266	rBV5	4448	5533	0.36%	0.043%
59	17.061	2289	2293	2298	rVB7	3921	6868	0.44%	0.054%
60	17.114	2298	2302	2306	rBV5	2037	3783	0.24%	0.030%
61	17.190	2310	2315	2316	rBV2	2871	4009	0.26%	0.031%
62	17.220	2318	2320	2323	rVB3	5643	4637	0.30%	0.036%
63	17.355	2338	2343	2348	rBV5	5417	8935	0.58%	0.070%
64	17.408	2348	2352	2356	rBV5	9605	13247	0.86%	0.103%
65	17.525	2369	2372	2377	rVB5	7325	12188	0.79%	0.095%
66	17.566	2377	2379	2383	rBV3	3250	5493	0.35%	0.043%
67	17.701	2395	2402	2406	rBV	441543	680936	43.99%	5.317%
68	17.742	2407	2409	2413	rVV	106636	131180	8.47%	1.024%
69	17.801	2413	2419	2431	rVB	574809	924517	59.72%	7.219%
70	17.895	2432	2435	2440	rVB7	5109	8146	0.53%	0.064%
71	17.948	2441	2444	2447	rVV2	5354	3765	0.24%	0.029%

LSC Area Percent Report

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Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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-BG080217.M
Title : SVOA CALIBRATION

72	18.101	2465	2470	2475	rBV4	16609	25849	1.67%	0.202%
73	18.148	2476	2478	2487	rVB10	7950	10867	0.70%	0.085%
74	18.212	2487	2489	2494	rBV6	3132	4918	0.32%	0.038%
75	18.283	2499	2501	2505	rBV5	5381	6644	0.43%	0.052%
76	18.494	2534	2537	2540	rBV4	5235	7984	0.52%	0.062%
77	18.547	2541	2546	2554	rVV4	42668	97948	6.33%	0.765%
78	18.618	2554	2558	2566	rVB2	28172	51987	3.36%	0.406%
79	18.700	2570	2572	2576	rVB5	7121	7735	0.50%	0.060%
80	18.777	2578	2585	2598	rBV5	22767	71072	4.59%	0.555%
81	18.912	2606	2608	2616	rBV8	8178	22257	1.44%	0.174%
82	19.059	2630	2633	2638	rBV3	14023	21117	1.36%	0.165%
83	19.111	2638	2642	2648	rVB8	10698	20929	1.35%	0.163%
84	19.288	2669	2672	2673	rBV2	8848	8787	0.57%	0.069%
85	19.358	2681	2684	2687	rBV4	9390	11533	0.74%	0.090%
86	19.388	2687	2689	2691	rBV3	6437	7900	0.51%	0.062%
87	19.470	2700	2703	2707	rBV6	9586	16539	1.07%	0.129%
88	19.740	2743	2749	2755	rVB	241449	362675	23.43%	2.832%
89	19.805	2756	2760	2769	rVB10	29391	54497	3.52%	0.426%
90	20.075	2799	2806	2817	rBV2	825351	1548104	100.00%	12.088%
91	20.163	2818	2821	2828	rVB9	19775	33317	2.15%	0.260%
92	20.287	2837	2842	2846	rBV5	27555	42618	2.75%	0.333%
93	20.398	2857	2861	2870	rVB10	22706	68353	4.42%	0.534%
94	20.592	2886	2894	2901	rVB3	45576	118970	7.68%	0.929%
95	20.739	2915	2919	2923	rBV5	38916	61852	4.00%	0.483%
96	20.780	2924	2926	2930	rVB4	30525	36931	2.39%	0.288%
97	22.032	3131	3139	3145	rBV2	489958	1043311	67.39%	8.146%
98	24.423	3540	3546	3565	rVB3	93133	469561	30.33%	3.666%
99	25.304	3687	3696	3704	rBV2	336096	958613	61.92%	7.485%
100	25.545	3729	3737	3748	rVB2	230292	689581	44.54%	5.384%

Sum of corrected areas: 12807398

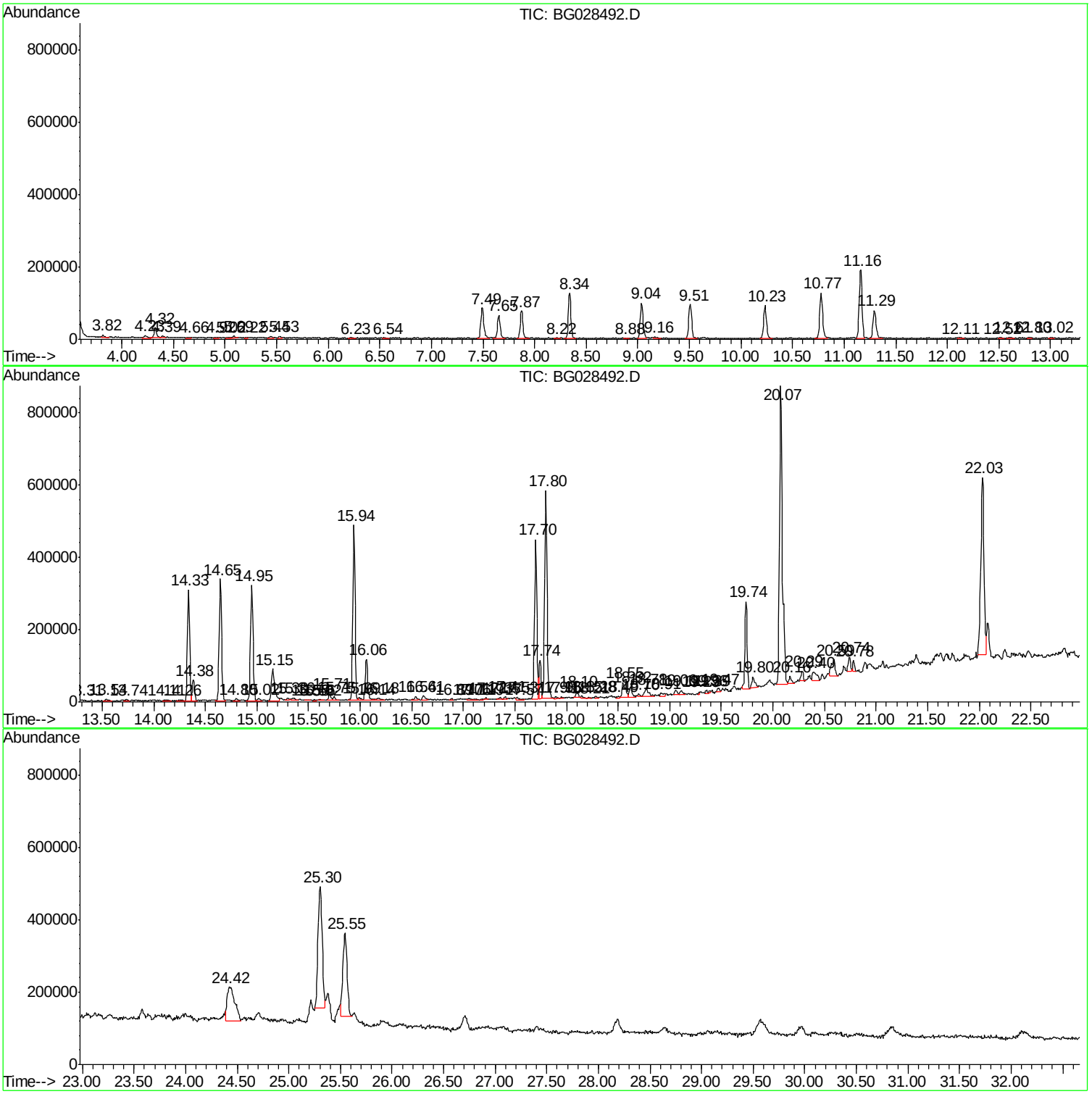
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

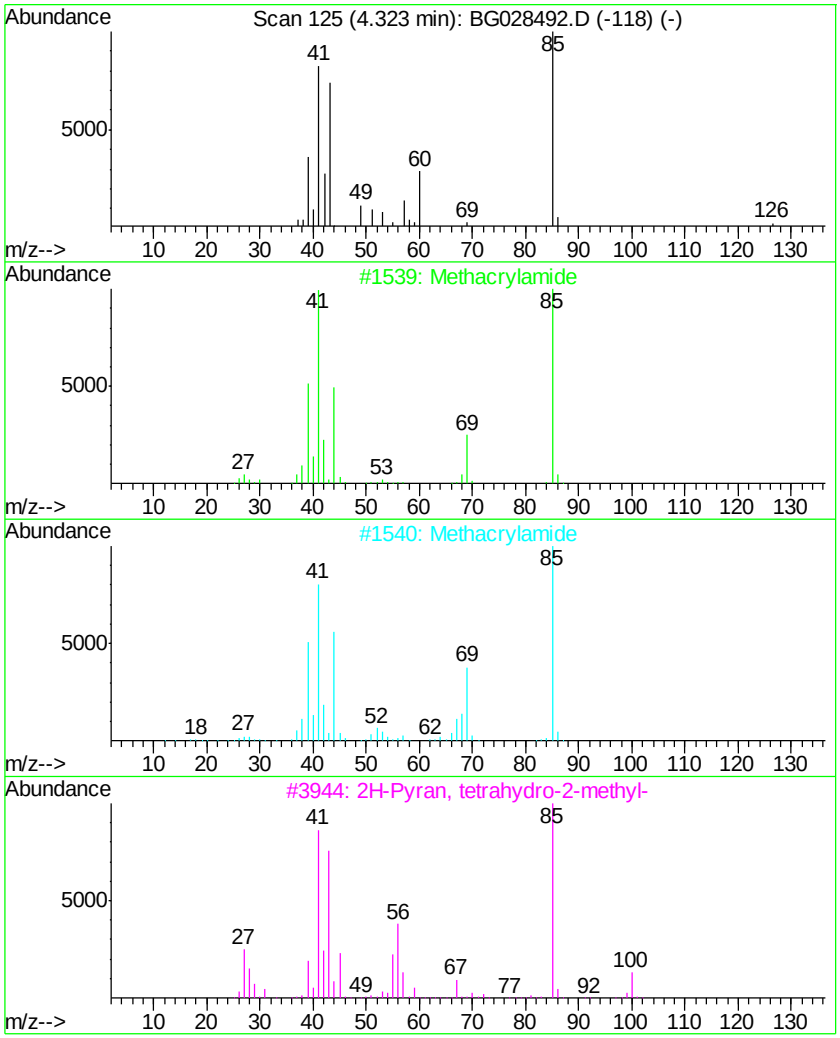
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

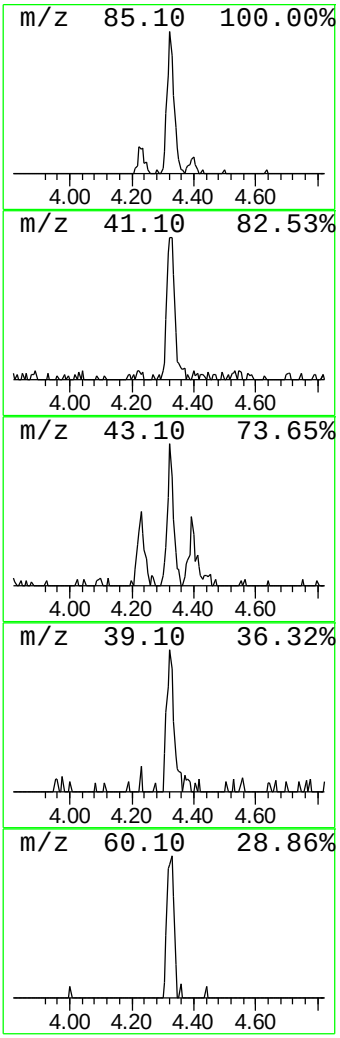
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.08 ng/ul	46554	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	49
2	Methacrylamide	85	C4H7NO	000079-39-0	47
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	45
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	38
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

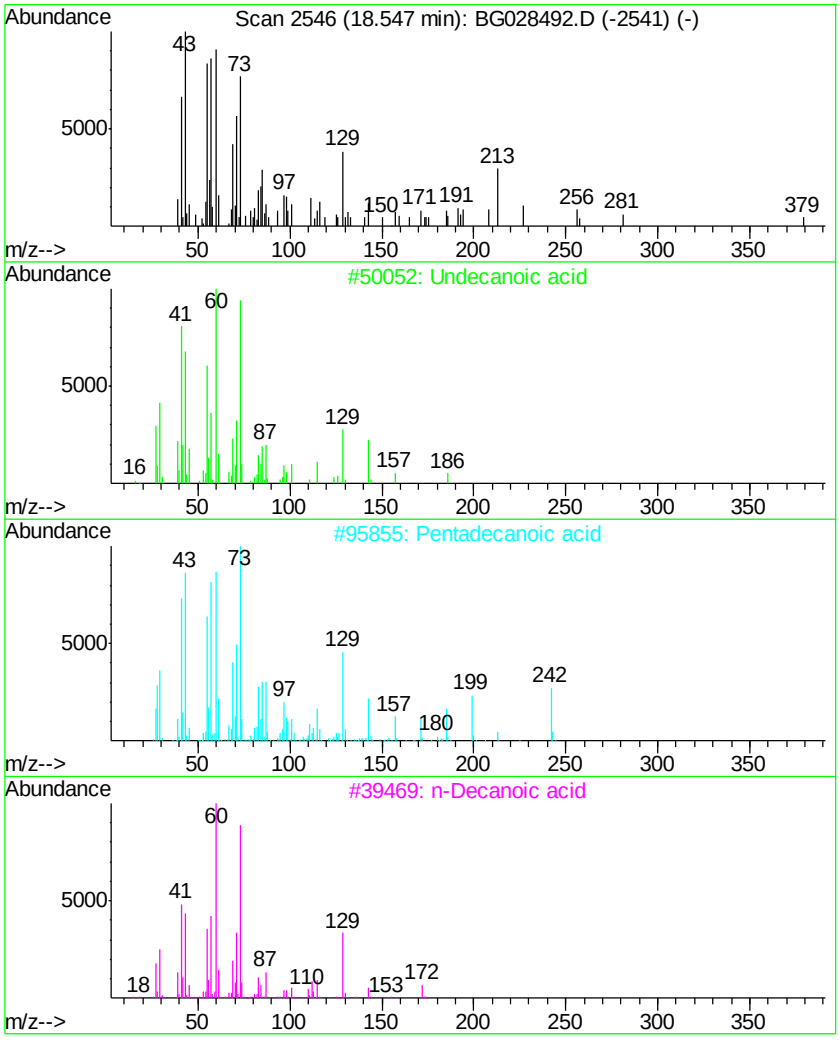
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

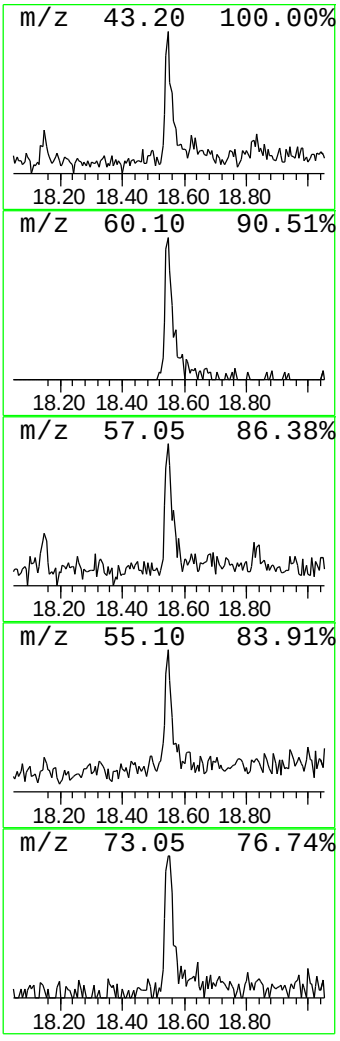
****

Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.88 ng/ul	97948	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	49
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

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

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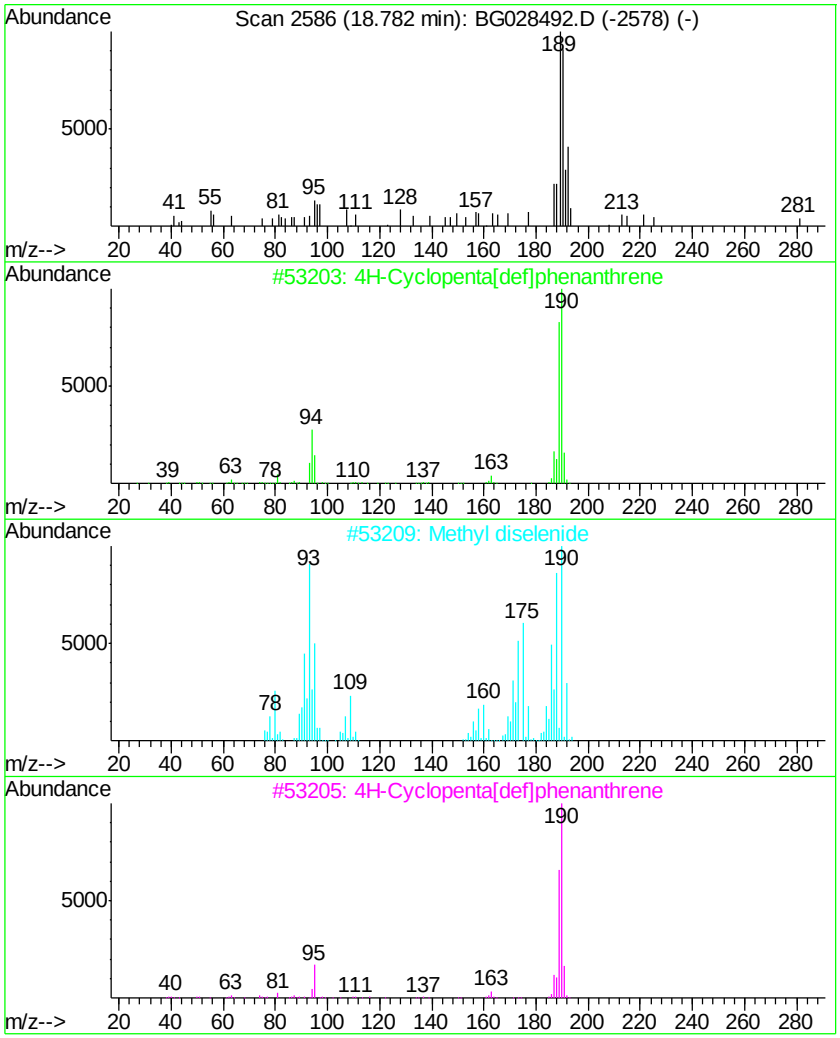
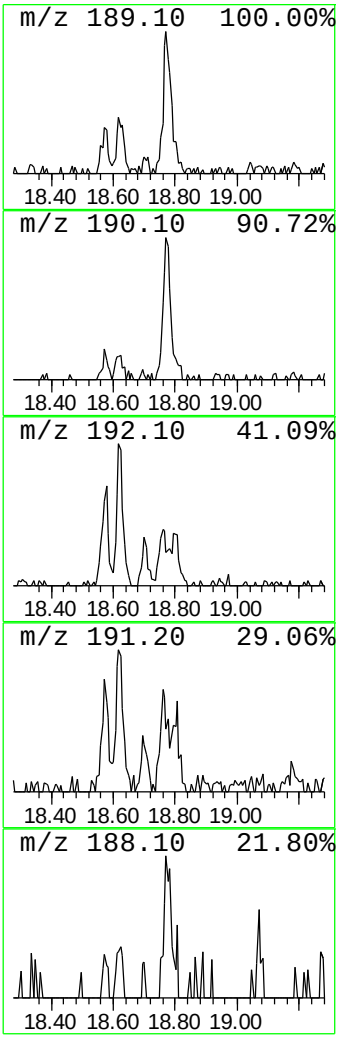
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	2.09 ng/ul	71072	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

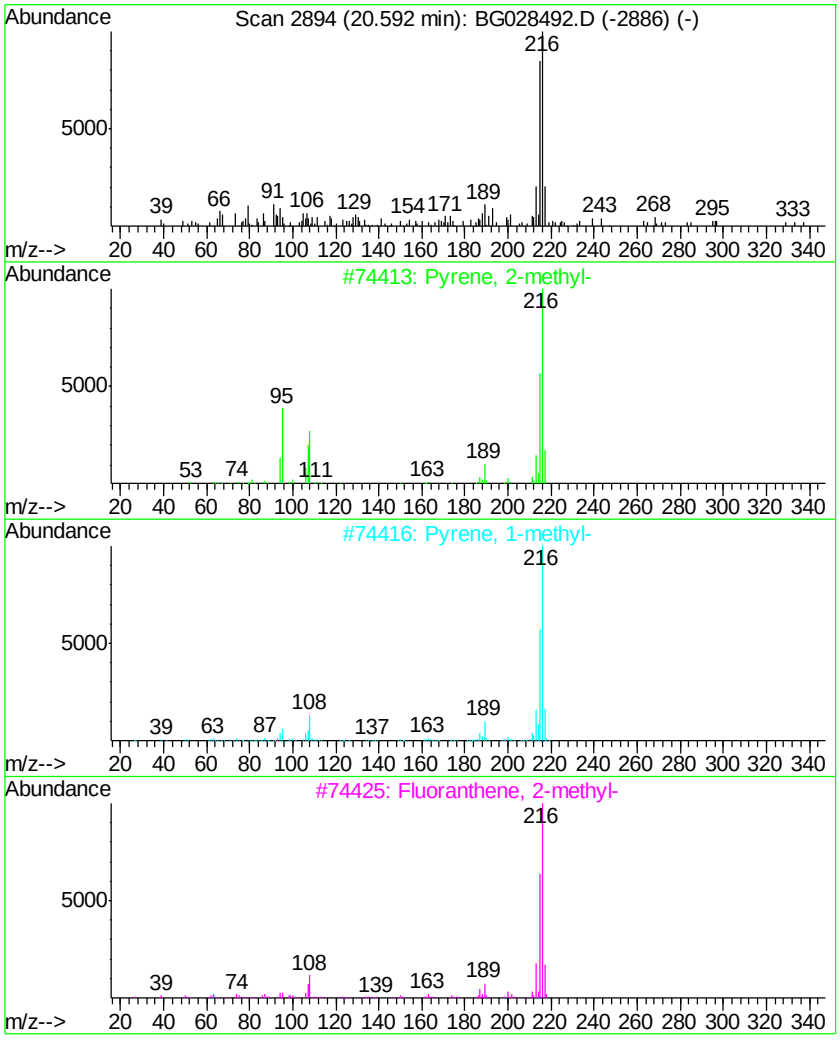
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

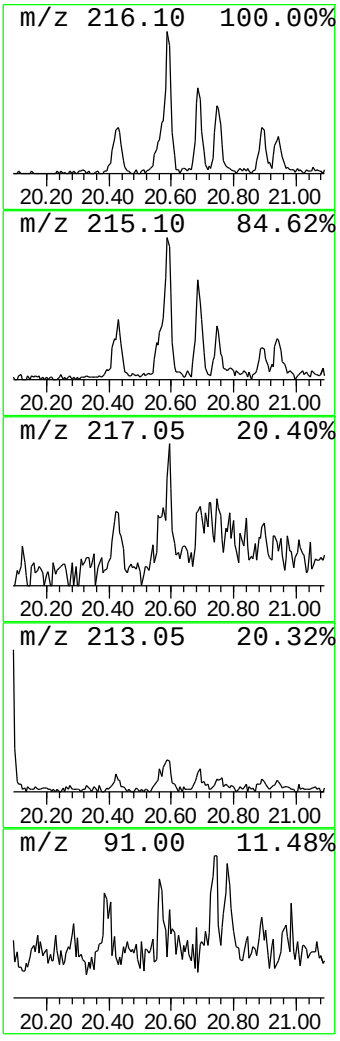
****

Peak Number 4 Pyrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.28 ng/ul	118970	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4840-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AM0

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	4.32	4.1	ng/ul	46554	1	8.34	228434	20.0
unknown-02	18.55	2.9	ng/ul	97948	4	17.70	680936	20.0
4H-Cyclopenta[def...	18.78	2.1	ng/ul	71072	4	17.70	680936	20.0
Pyrene, 2-methyl-	20.59	2.3	ng/ul	118970	5	22.03	1043310	20.0