LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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	3.652	89	96	102	rVV	23674	31610	3.25%	0.181%
2	6.845	633	639	648	rBV	129462	204712	21.02%	1.174%
3	7.004	660	666	673	rBV	110844	170475	17.51%	0.978%
4	7.198	693	699	706	rBV	143946	221096	22.70%	1.268%
5	7.663	773	778	785	rBB	145491	223674	22.97%	1.283%
6	8.381	894	900	910	rBB	117098	184687	18.96%	1.059%
7	8.822	969	975	984	rBB	142113	224774	23.08%	1.289%
8	9.545	1092	1098	1104	rBV	115983	187237	19.23%	1.074%
9	10.081	1183	1189	1199	rBV	177751	288165	29.59%	1.653%
10	10.451	1245	1252	1258	rBV	221032	366543	37.64%	2.102%
11	10.592	1270	1276	1294	rBB	139462	238327	24.47%	1.367%
12	13.733	1804	1810	1814	rVV	346334	471330	48.40%	2.703%
13	13.780	1814	1818	1824	rVB	115907	157327	16.15%	0.902%
14	14.010	1851	1857	1871	rBB	384780	599614	61.57%	3.439%
15	14.321	1903	1910	1917	rBB2	333418	497946	51.13%	2.856%
16	14.545	1942	1948	1958	rBV	88913	148960	15.30%	0.854%
17	15.174	2051	2055	2062	rVB2	27379	34150	3.51%	0.196%
18	15.321	2074	2080	2085	rVV	501315	733419	75.31%	4.206%
19	15.451	2098	2102	2107	rBV	91326	125711	12.91%	0.721%
20	16.039	2197	2202	2210	rBV3	34544	67341	6.91%	0.386%
21	16.380	2251	2260	2264	rBV5	12702	26559	2.73%	0.152%
22	16.827	2333	2336	2341	rVV	17668	24502	2.52%	0.141%
23	16.892	2341	2347	2355	rVB2	14637	26428	2.71%	0.152%
24	17.074	2372	2378	2381	rBV	418505	583217	59.89%	3.345%
25	17.115	2381	2385	2389	rVV	249966	344617	35.39%	1.976%
26	17.168	2389	2394	2399	rVV2	538217	792521	81.38%	4.545%
27	17.204	2399	2400	2405	rVB	54138	47199	4.85%	0.271%
28	17.480	2443	2447	2458	rBV2	14923	25272	2.60%	0.145%
29	17.651	2469	2476	2484	rVB2	20253	30845	3.17%	0.177%
30	17.951	2520	2527	2531	rBV	73597	120968	12.42%	0.694%
31	17.998	2531	2535	2540	rVB	99104	135887	13.95%	0.779%
32	18.080	2544	2549	2553	rBV	19337	27950	2.87%	0.160%
33	18.139	2553	2559	2563	rBV2	97784	175985	18.07%	1.009%
34	18.180	2563	2566	2574	rVB	64857	87015	8.94%	0.499%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

35	18.451	2607	2612	2616	rBV2	44082	57254	5.88%	0.328%
36	18.498	2616	2620	2630	rVB2	49693	81622	8.38%	0.468%
37	18.704	2651	2655	2659	rVB	22067	27162	2.79%	0.156%
38	18.751	2659	2663	2667	rBV	31806	36974	3.80%	0.212%
39	18.792	2667	2670	2674	rVB2	26258	32313	3.32%	0.185%
40	18.874	2678	2684	2689	rBV	90386	154320	15.85%	0.885%
41	18.933	2689	2694	2698	rVV3	36040	71907	7.38%	0.412%
42	18.968	2698	2700	2704	rVB	27348	27221	2.80%	0.156%
43	19.015	2704	2708	2715	rBV3	40741	88187	9.06%	0.506%
44	19.139	2721	2729	2735	rVB	486246	640444	65.76%	3.673%
45	19.203	2735	2740	2743	rBV	21225	27290	2.80%	0.157%
46	19.239	2743	2746	2751	rVB3	23300	29765	3.06%	0.171%
47	19.345	2758	2764	2767	rBV3	17108	28197	2.90%	0.162%
48	19.386	2767	2771	2774	rVV2	23163	31594	3.24%	0.181%
49	19.480	2781	2787	2789	rBV	649367	973861	100.00%	5.585%
50	19.503	2789	2791	2800	rVB	486665	665776	68.36%	3.818%
51	19.586	2800	2805	2810	rVB2	47139	76472	7.85%	0.439%
52	19.680	2810	2821	2828	rBV2	24175	85096	8.74%	0.488%
53	19.745	2828	2832	2837	rVB2	28795	42817	4.40%	0.246%
54	19.833	2837	2847	2859	rBV5	57660	168057	17.26%	0.964%
55	19.974	2865	2871	2872	rBV3	41015	64058	6.58%	0.367%
56	20.003	2872	2876	2885	rVB	98419	154677	15.88%	0.887%
57	20.103	2889	2893	2897	rVV2	59363	78099	8.02%	0.448%
58	20.162	2897	2903	2907	rVV3	85295	138069	14.18%	0.792%
59	20.203	2907	2910	2914	rVV2	18514	27121	2.78%	0.156%
60	20.303	2923	2927	2931	rVV	66565	83529	8.58%	0.479%
61	20.350	2931	2935	2939	rVV	62958	79841	8.20%	0.458%
62	20.409	2939	2945	2950	rVB	328661	386240	39.66%	2.215%
63	20.468	2951	2955	2960	rVB4	14228	24290	2.49%	0.139%
64	20.562	2967	2971	2974	rBV3	17745	29993	3.08%	0.172%
65	20.598	2974	2977	2980	rVV2	19935	29114	2.99%	0.167%
66	20.721	2993	2998	3000	rBV4	18653	29909	3.07%	0.172%
67	20.756	3000	3004	3010	rVB	54354	86534	8.89%	0.496%
68	20.845	3016	3019	3024	rVB	20972	25468	2.62%	0.146%
69	20.927	3025	3033	3036	rBV3	61395	122320	12.56%	0.702%
70	20.962	3036	3039	3040	rVV	54471	64176	6.59%	0.368%
71	20.980	3040	3042	3050	rVV3	96812	206520	21.21%	1.184%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

72	21.056	3050	3055	3062	rVB2	44480	86348	8.87%	0.495%
73	21.274	3085	3092	3096	rVV2	525987	953862	97.95%	5.471%
74	21.315	3096	3099	3108	rVB	259158	347742	35.71%	1.994%
75	21.392	3108	3112	3115	rBV2	24501	31880	3.27%	0.183%
76	21.433	3115	3119	3125	rBV2	42330	66741	6.85%	0.383%
77	21.597	3142	3147	3151	rBV4	24710	42562	4.37%	0.244%
78	21.639	3151	3154	3163	rVB3	29534	52836	5.43%	0.303%
79	21.768	3173	3176	3179	rBV	20959	24888	2.56%	0.143%
80	21.827	3179	3186	3190	rBV	78276	139831	14.36%	0.802%
81	21.880	3191	3195	3202	rVV	52377	91210	9.37%	0.523%
82	21.945	3202	3206	3209	rVB3	20021	26354	2.71%	0.151%
83	22.027	3216	3220	3223	rBV	39124	65429	6.72%	0.375%
84	22.056	3223	3225	3231	rVB3	43075	56050	5.76%	0.321%
85	22.121	3232	3236	3241	rVB2	30459	52308	5.37%	0.300%
86	22.315	3265	3269	3272	rBV4	26565	44483	4.57%	0.255%
87	22.592	3313	3316	3323	rVB7	18972	33324	3.42%	0.191%
88	22.844	3350	3359	3364	rBV	160917	387864	39.83%	2.225%
89	23.015	3384	3388	3394	rVB	29606	47421	4.87%	0.272%
90	23.321	3434	3440	3444	rBV	103469	195405	20.06%	1.121%
91	23.374	3444	3449	3454	rVV	384790	731044	75.07%	4.193%
92	23.421	3454	3457	3463	rVV	162161	252066	25.88%	1.446%
93	23.515	3466	3473	3479	rVV2	262285	509357	52.30%	2.921%
94	23.568	3479	3482	3489	rVB2	44375	82662	8.49%	0.474%
95	24.015	3552	3558	3563	rBV3	21783	46174	4.74%	0.265%
96	24.756	3676	3684	3690	rBV8	15236	41714	4.28%	0.239%
97	25.768	3847	3856	3866	rVB	72583	212537	21.82%	1.219%
98	26.027	3895	3900	3906	rVB	12707	28332	2.91%	0.162%
99	26.462	3965	3974	3988	rVB2	42236	131739	13.53%	0.756%
100	26.827	4028	4036	4050	rVB4	12539	51263	5.26%	0.294%

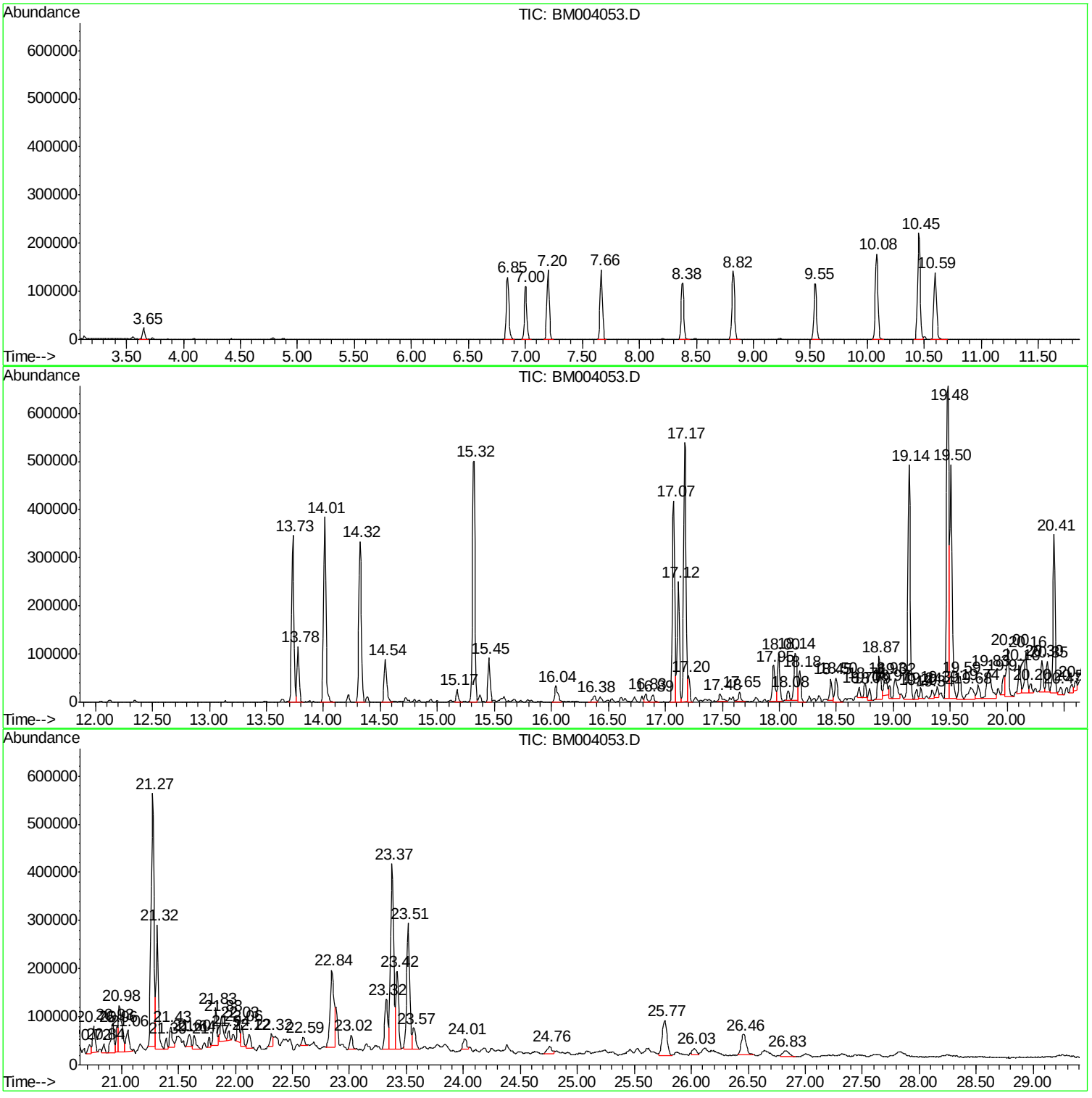
Sum of corrected areas: 17435776

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

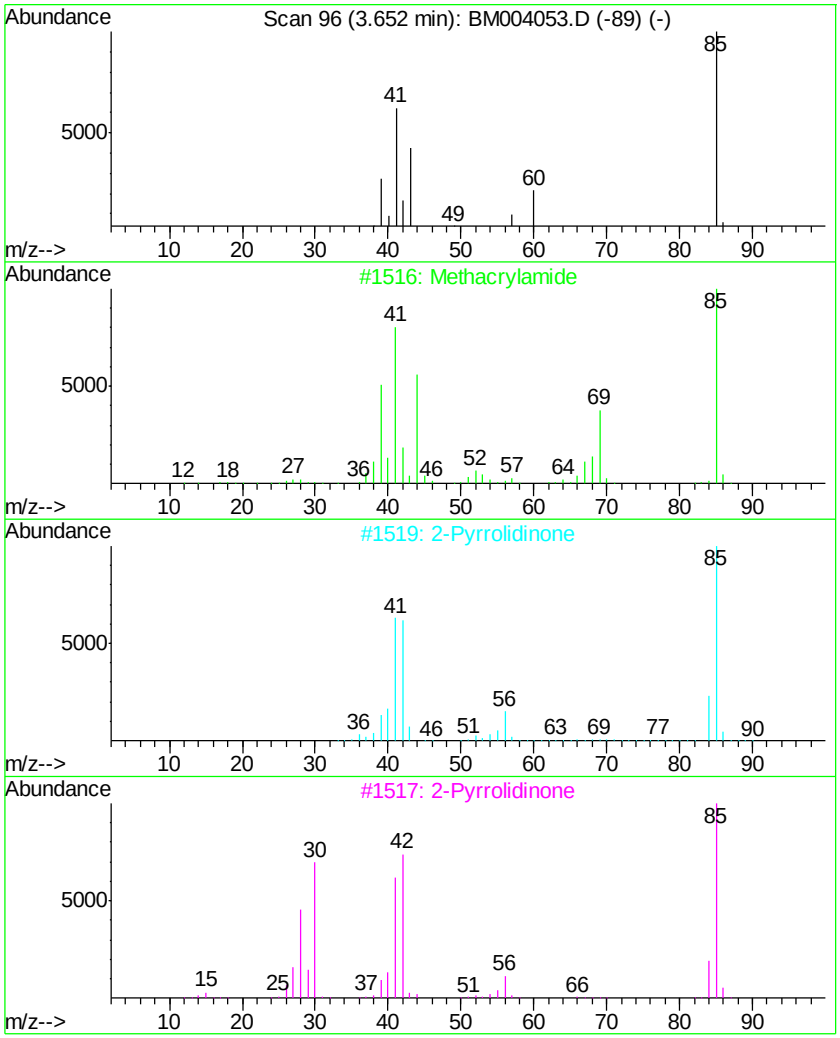
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

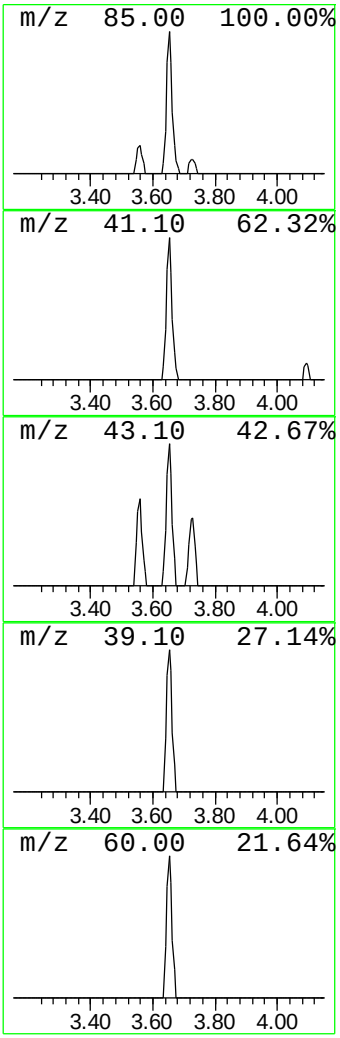
****

Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.83 ng/ul	31610	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	33
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
5	Methacrylamide	85	C4H7NO	000079-39-0	7





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

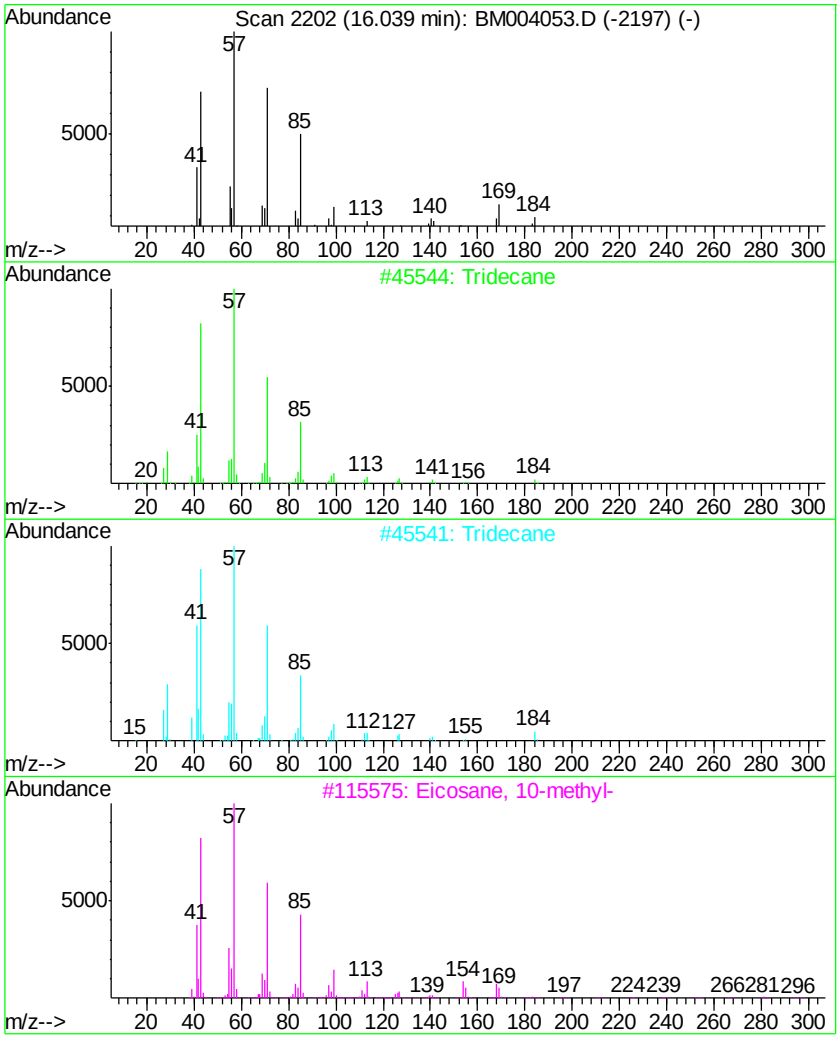
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

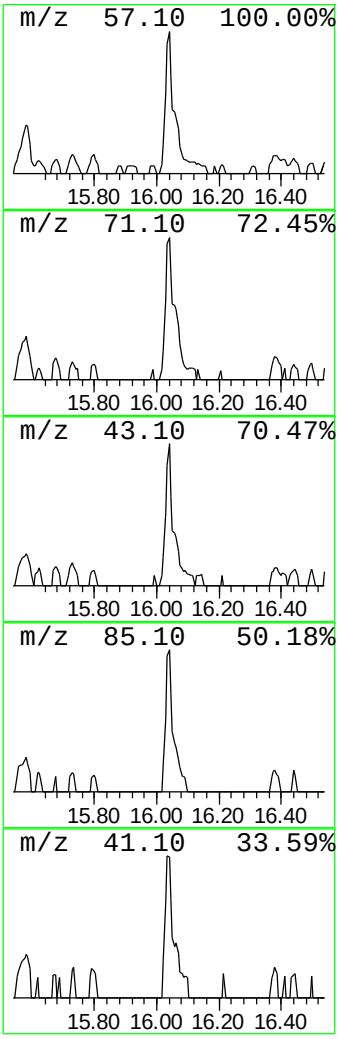
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.31 ng/ul	67341	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Tridecane	184	C13H28	000629-50-5	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

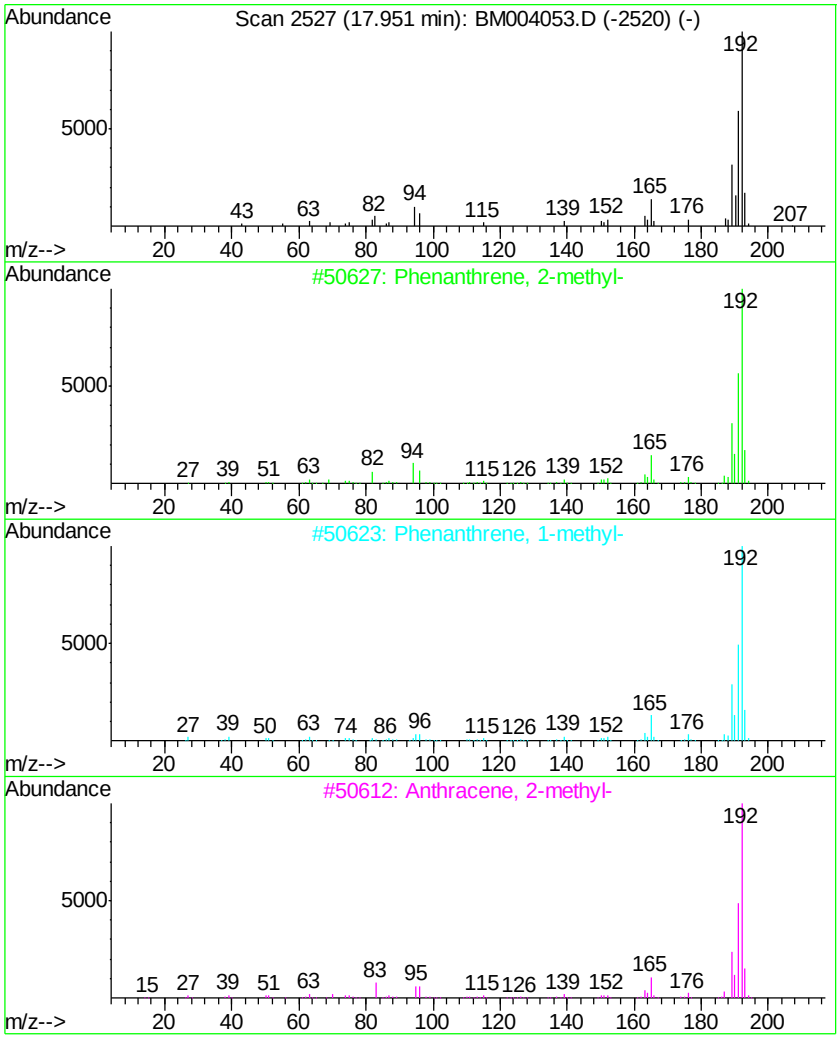
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

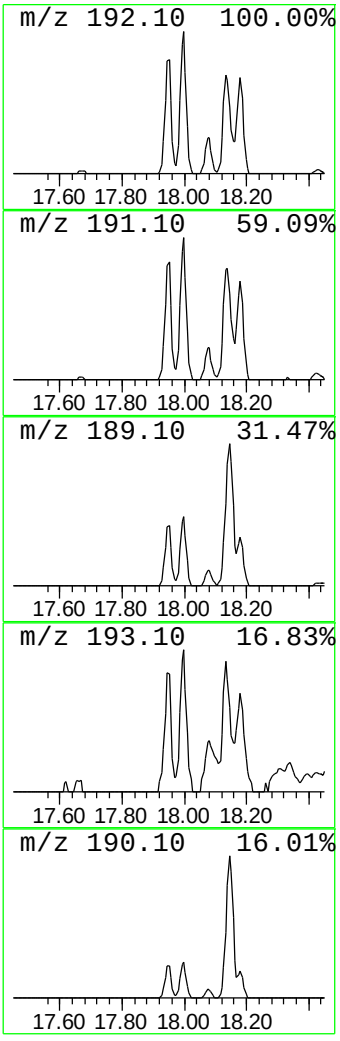
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.15 ng/ul	120968	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

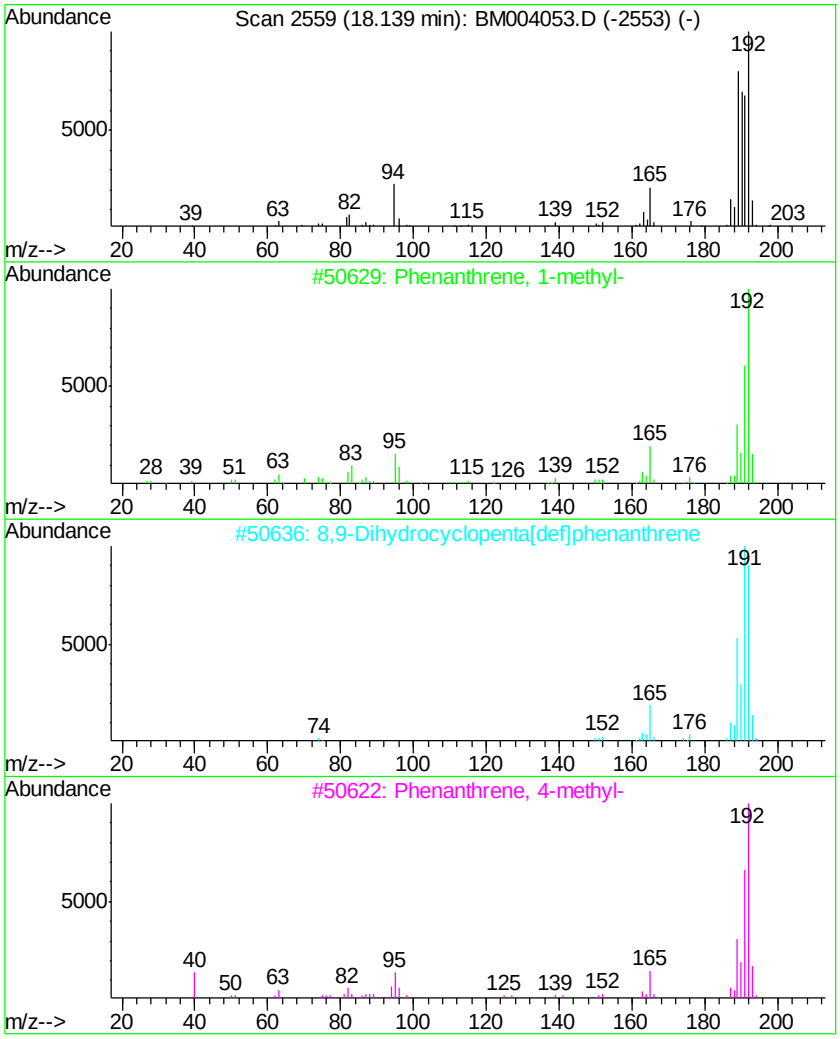
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

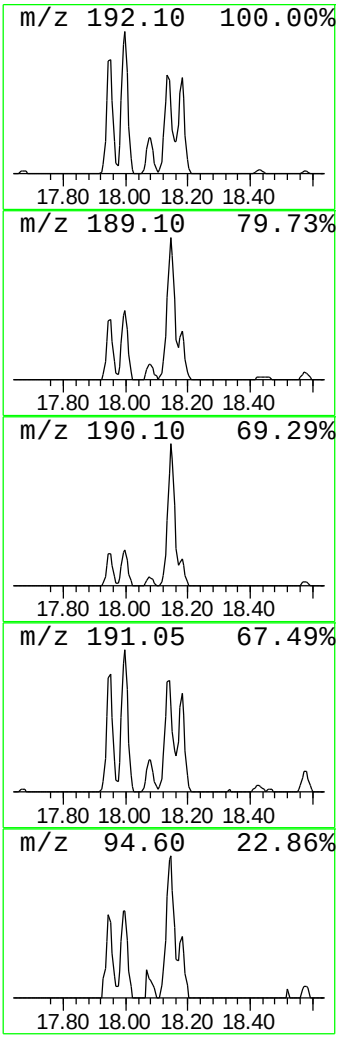
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	6.03 ng/ul	175985	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

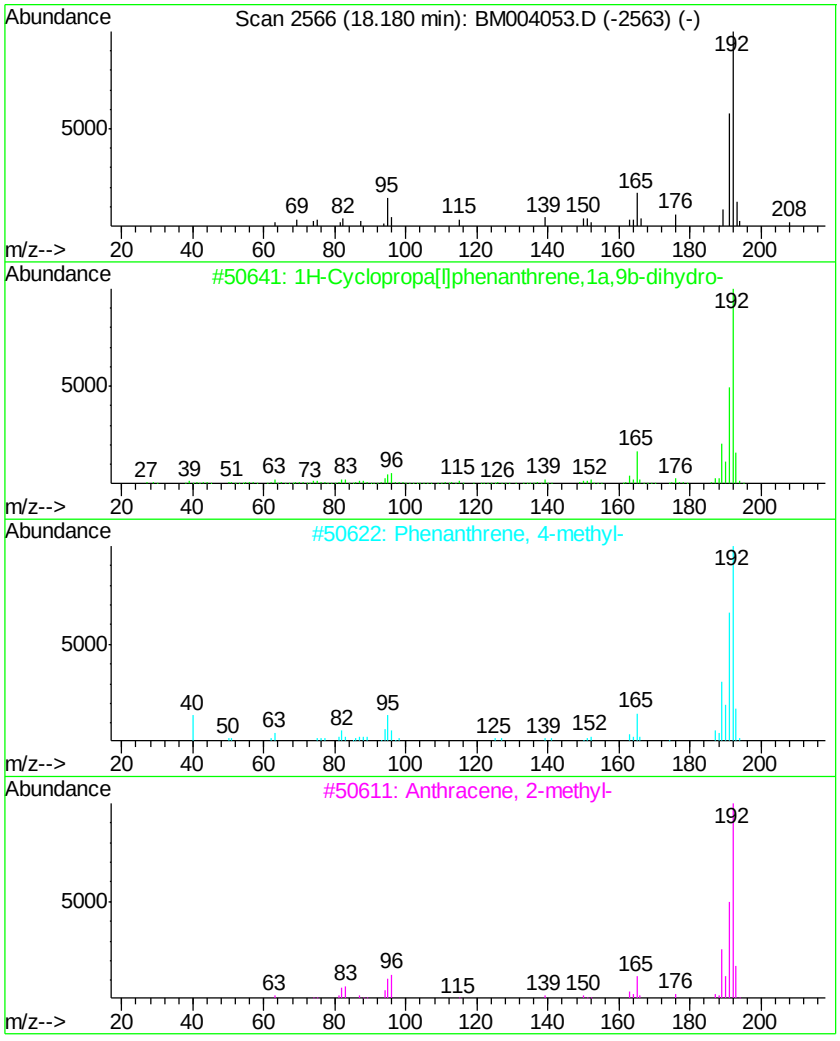
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

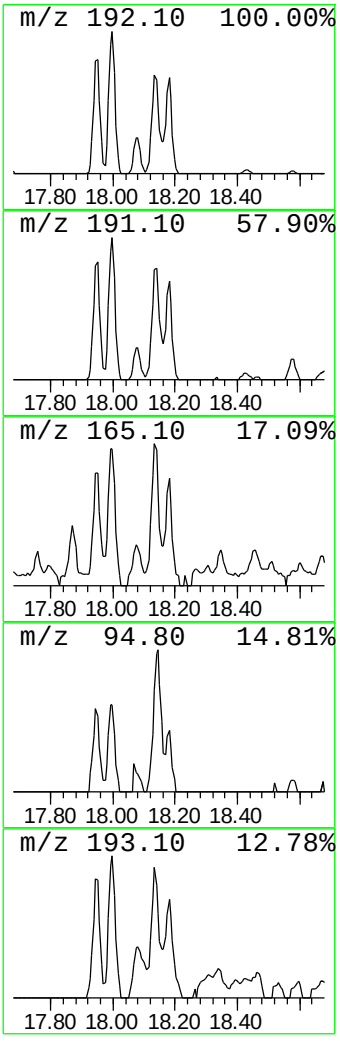
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	2.98 ng/ul	87015	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
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Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

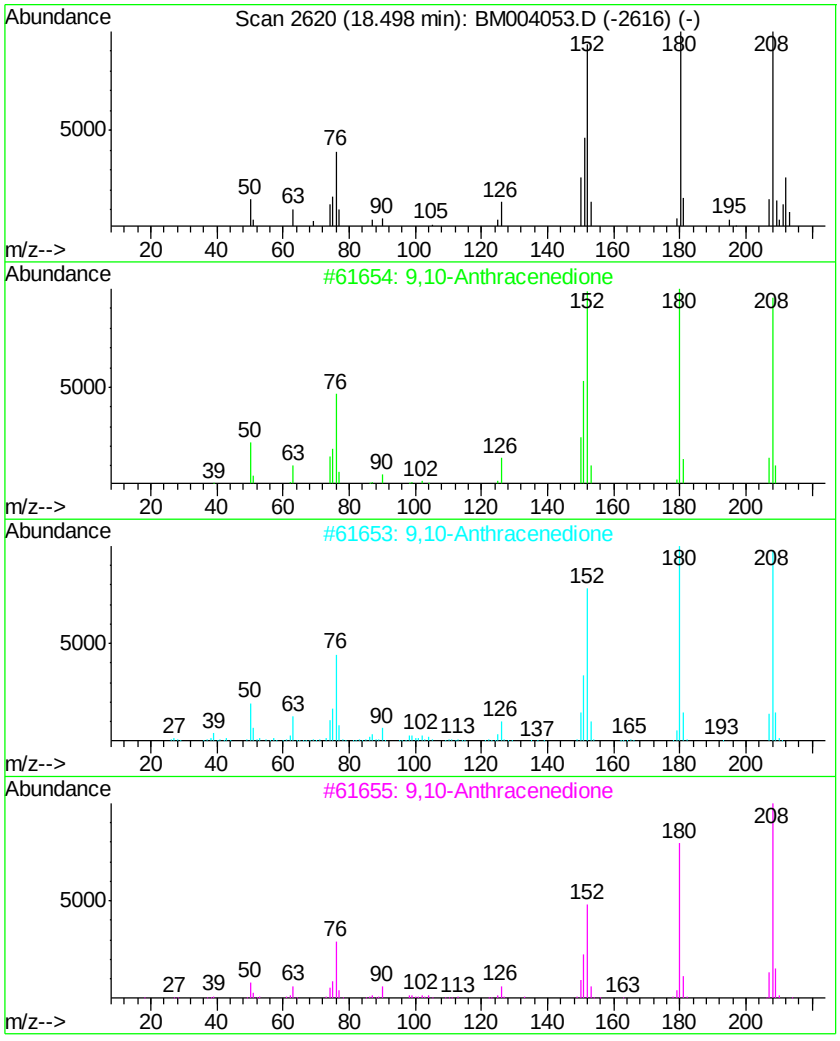
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

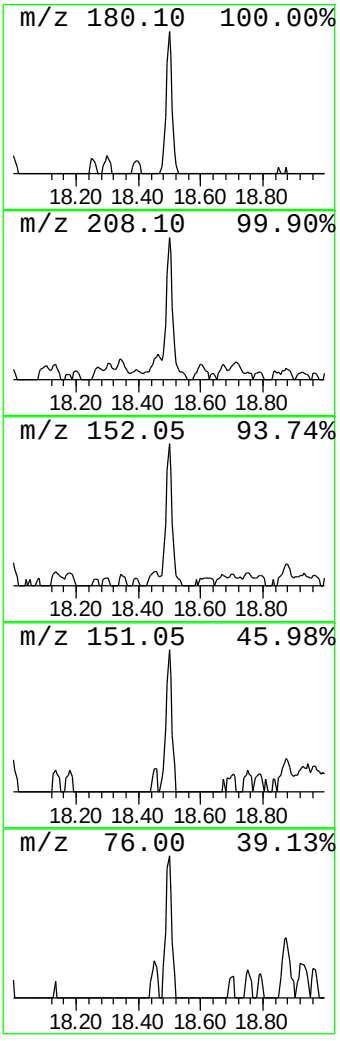
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.80 ng/ul	81622	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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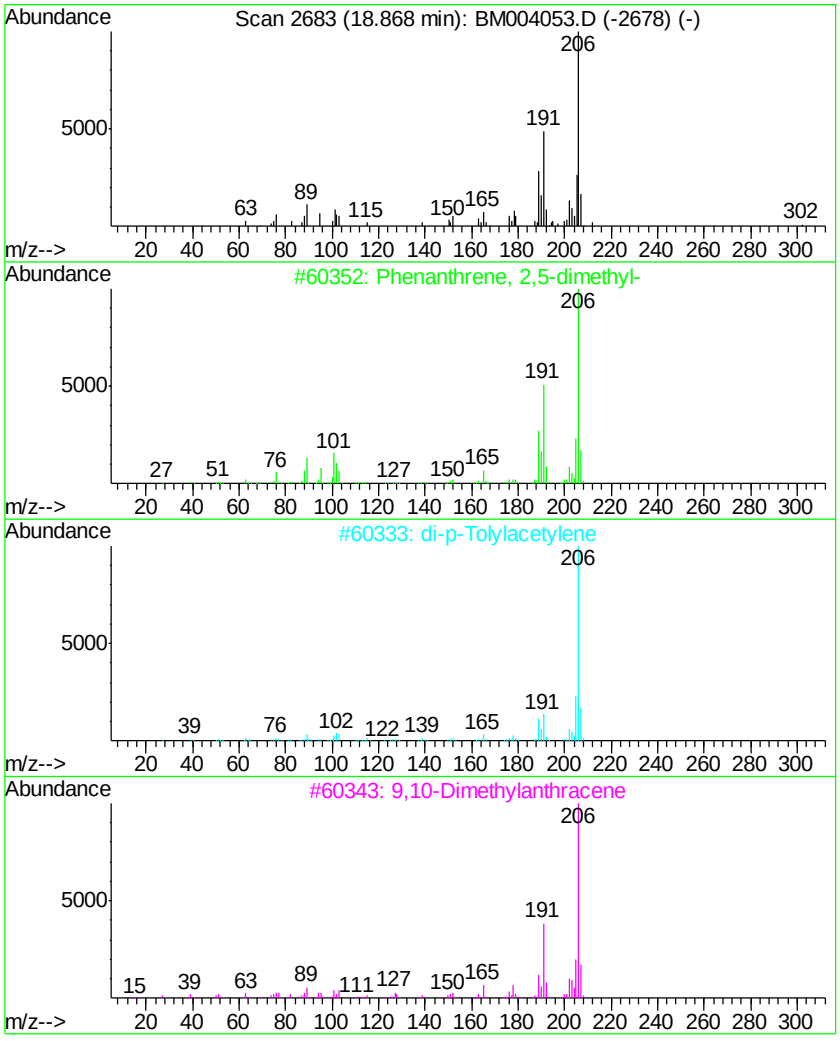
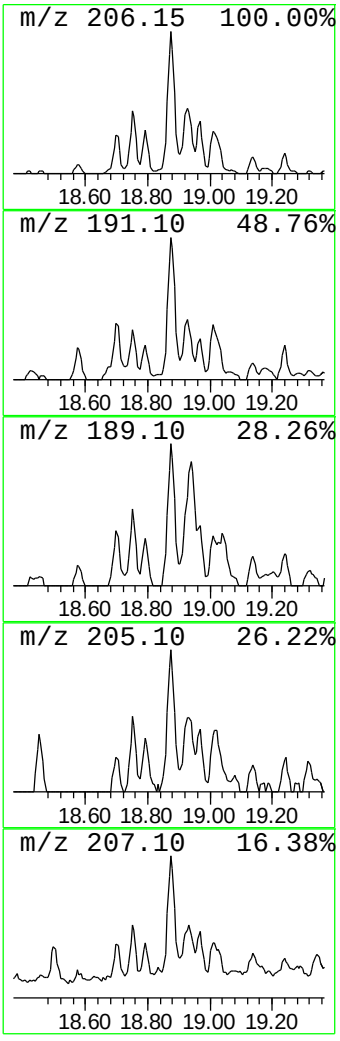
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.29 ng/ul	154320	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Acq On : 15 Jan 2016 18:24
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Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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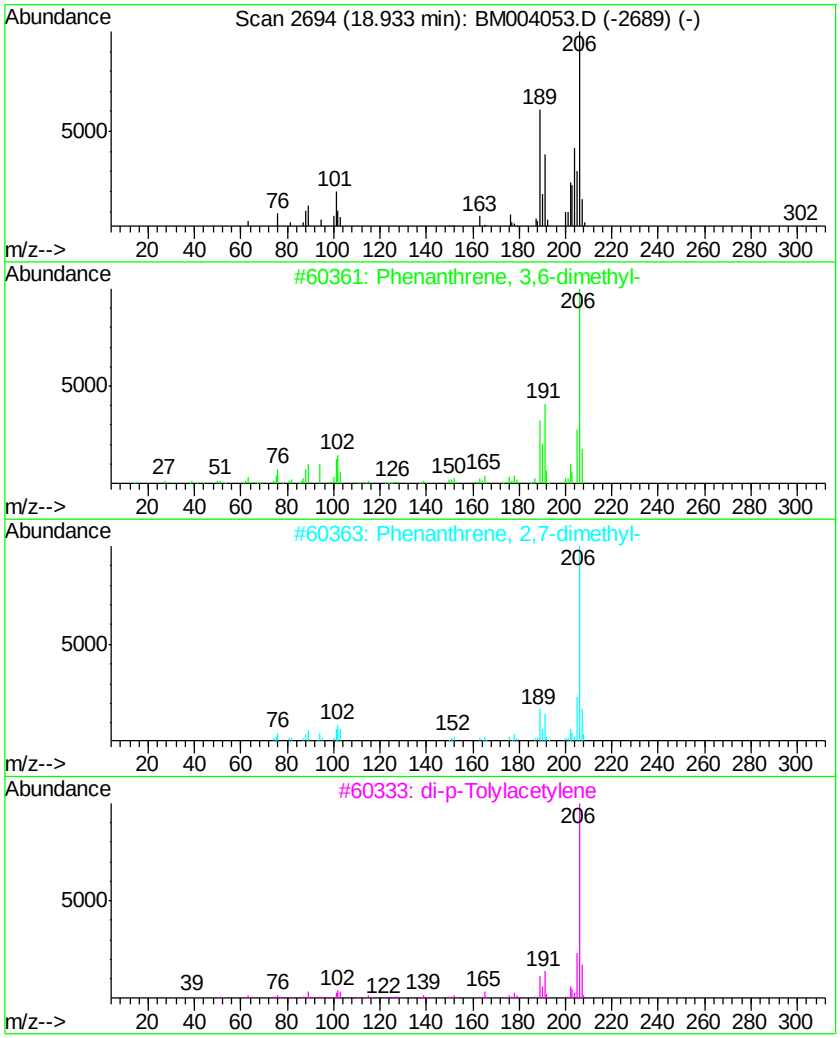
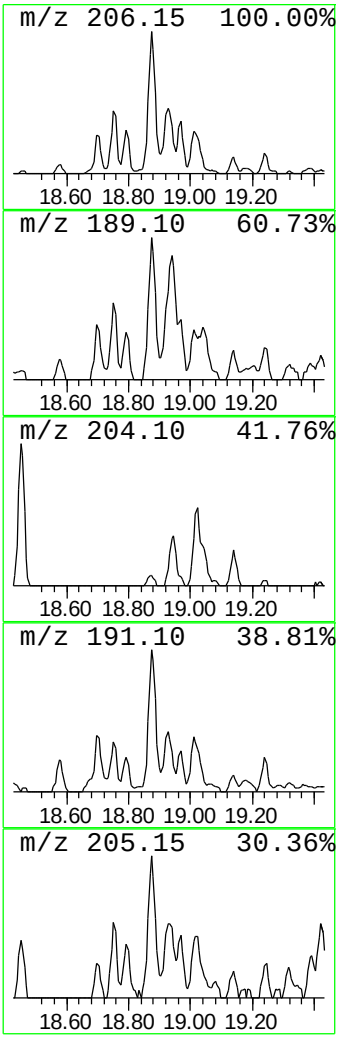
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.47 ng/ul	71907	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53





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Acq On : 15 Jan 2016 18:24
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Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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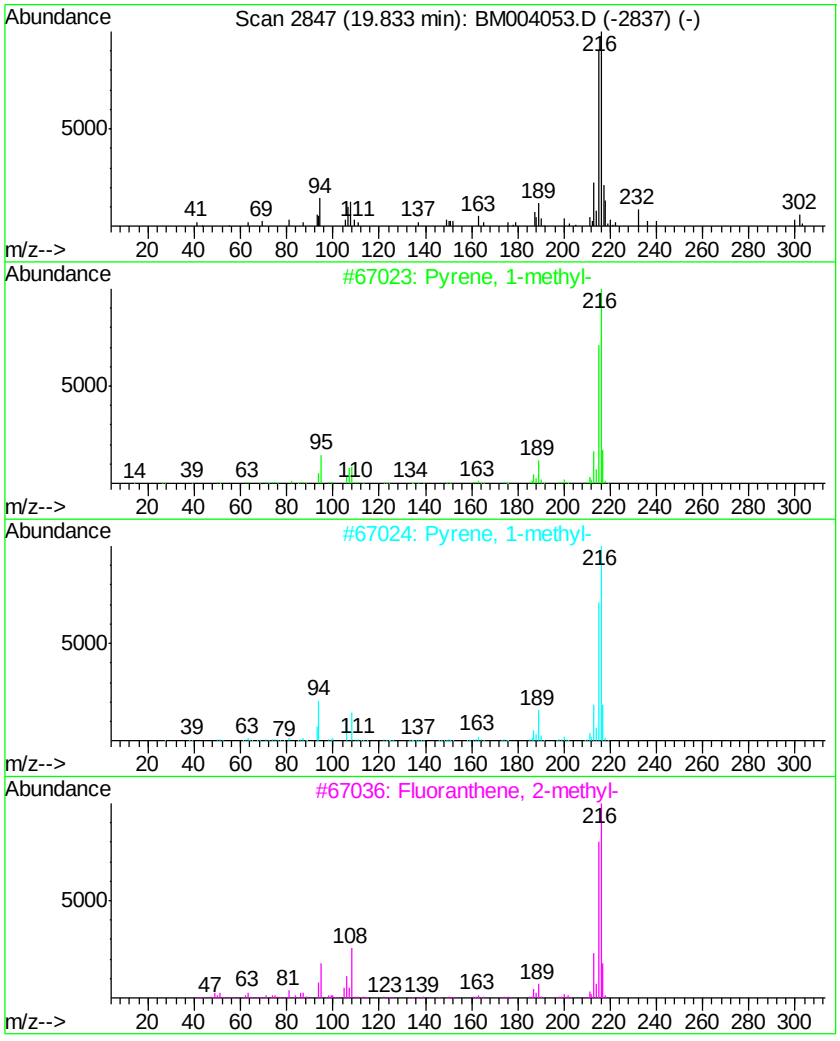
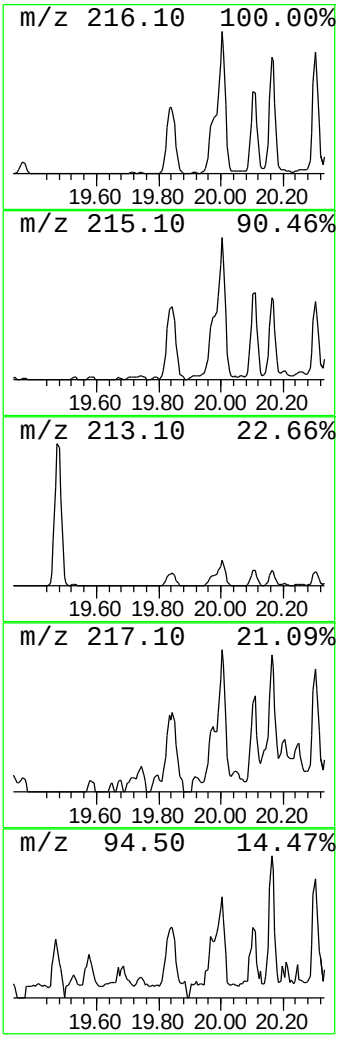
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.52 ng/ul	168057	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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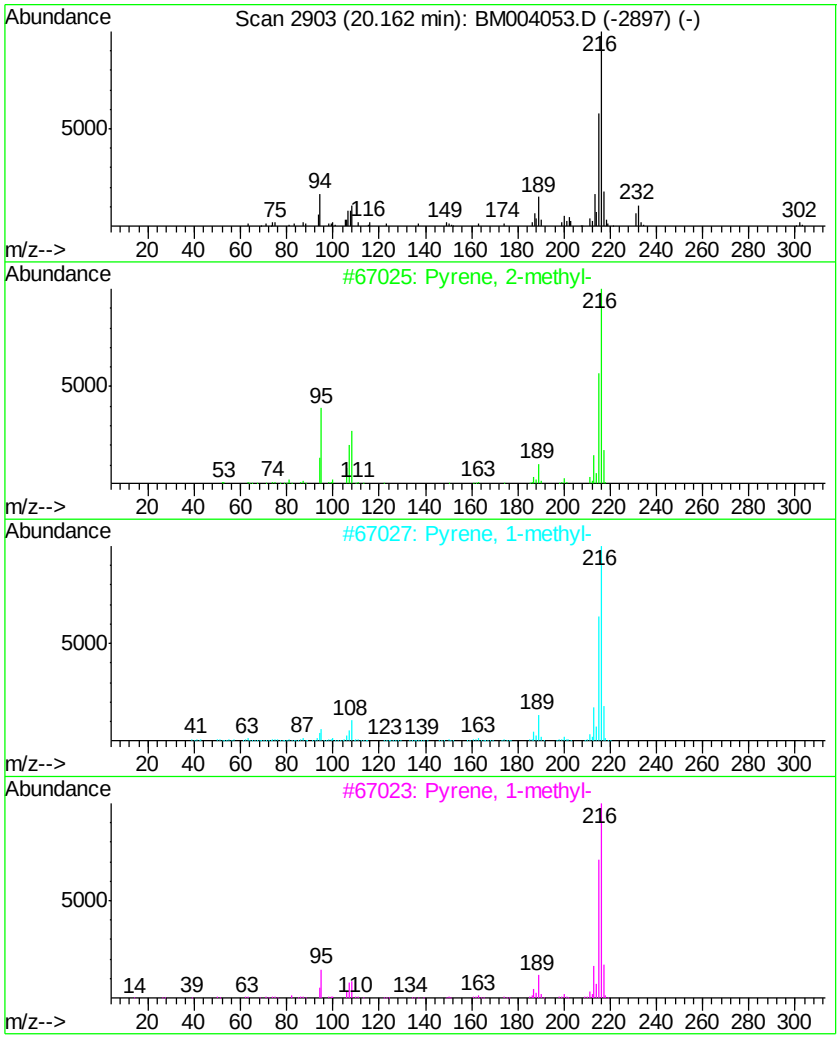
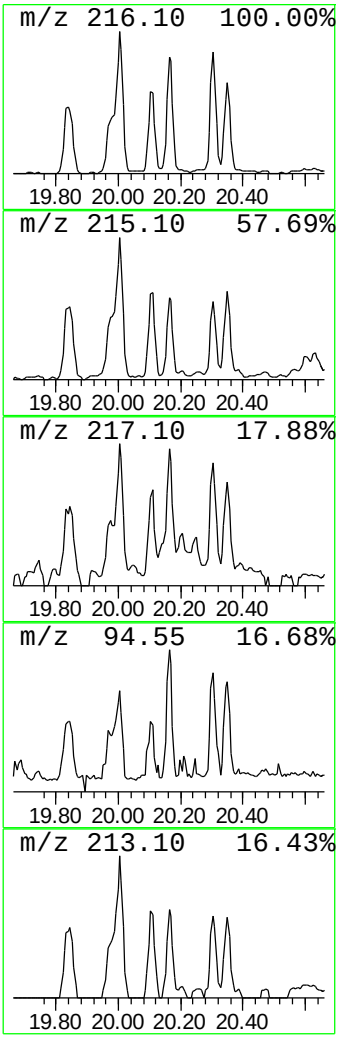
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.89 ng/ul	138069	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93





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Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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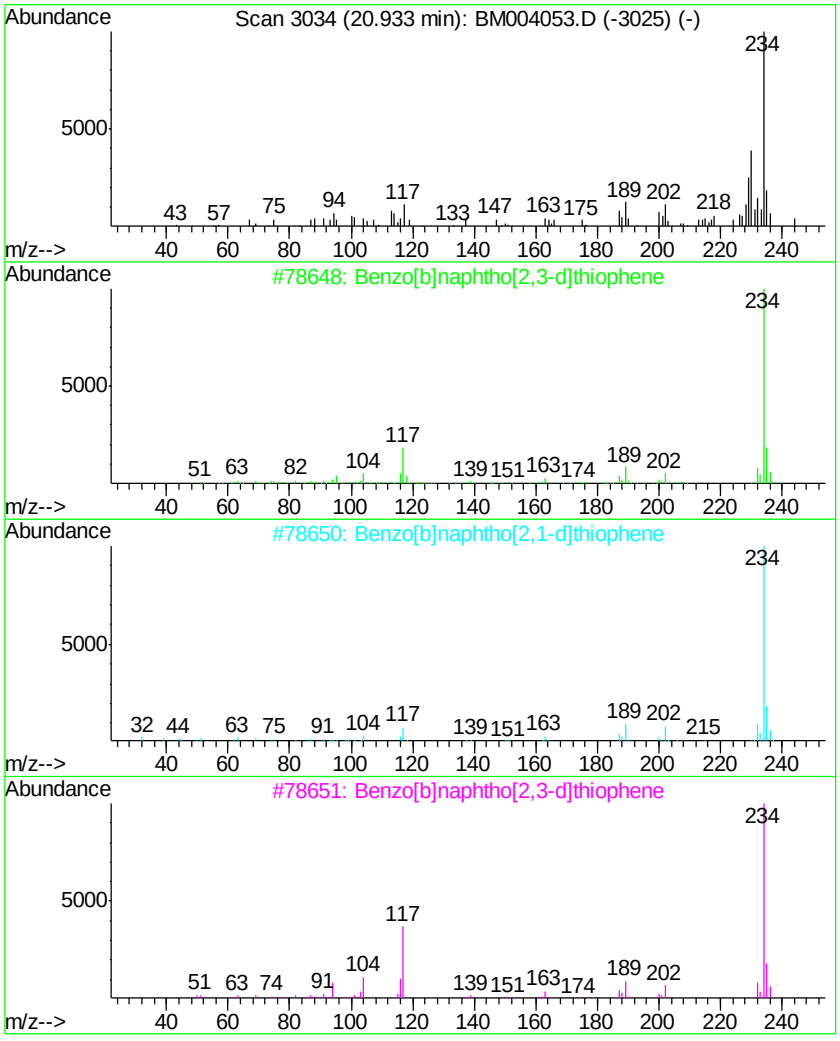
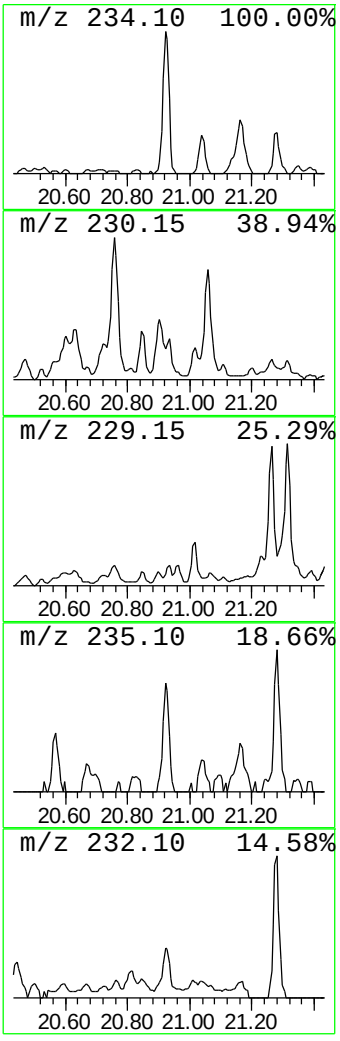
Peak Number 14 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.56 ng/ul	122320	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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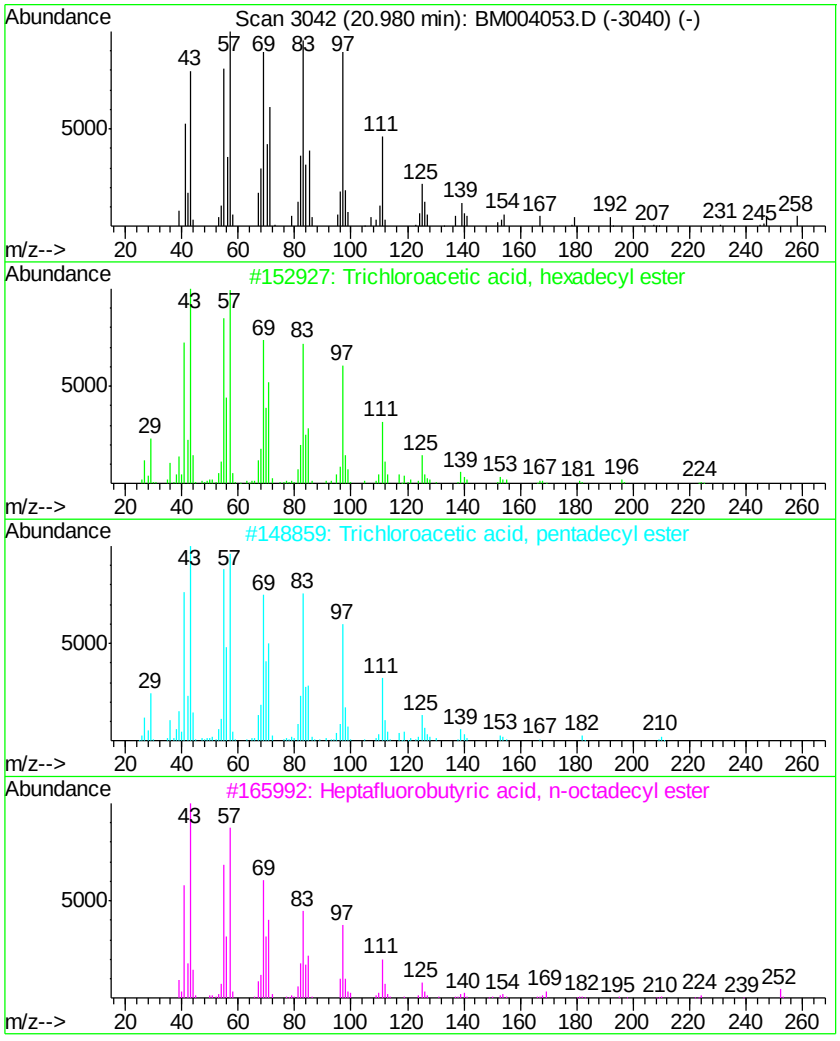
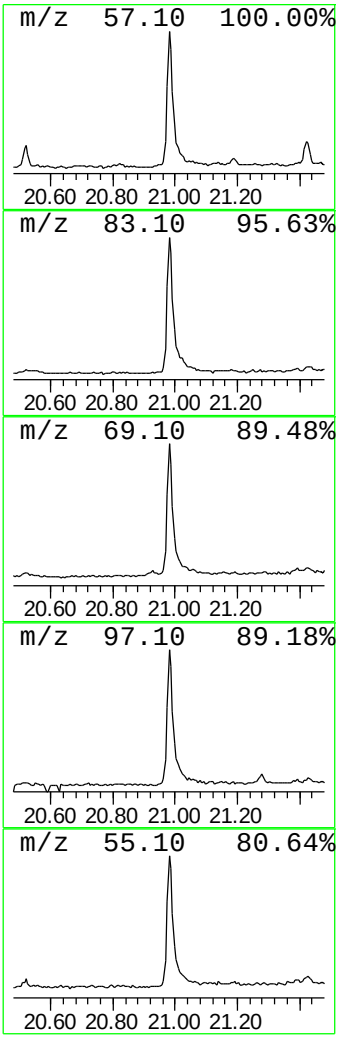
Peak Number 15 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.33 ng/ul	206520	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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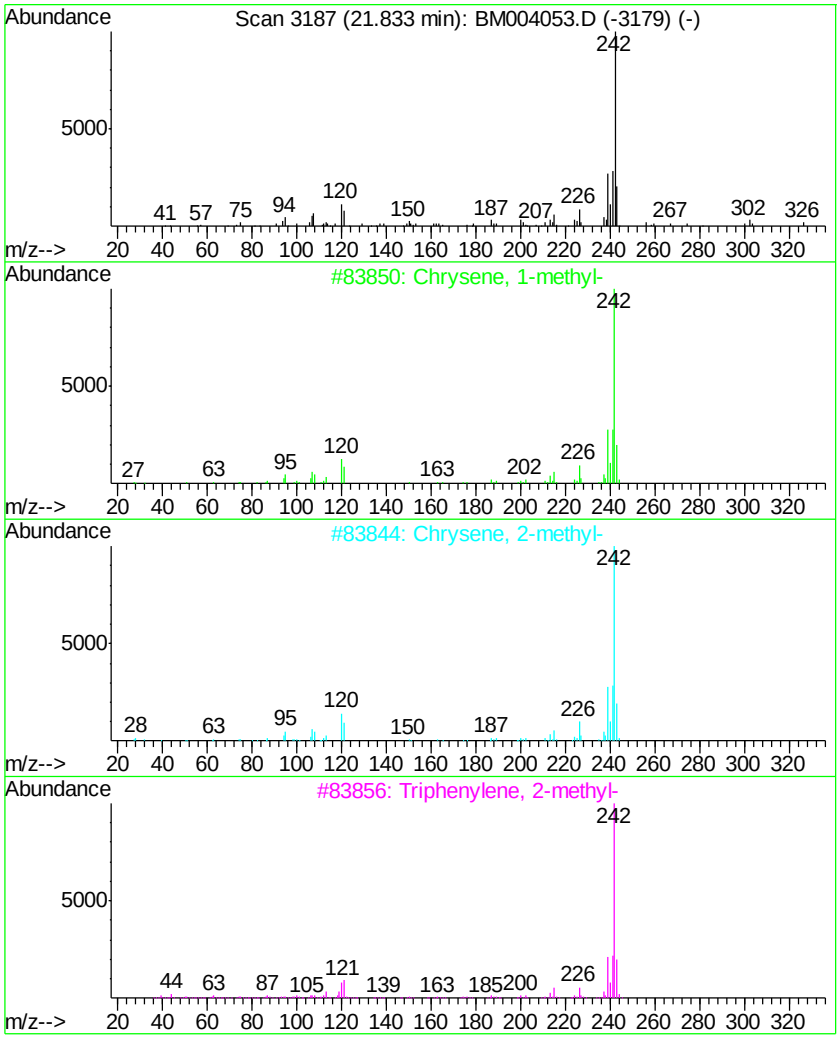
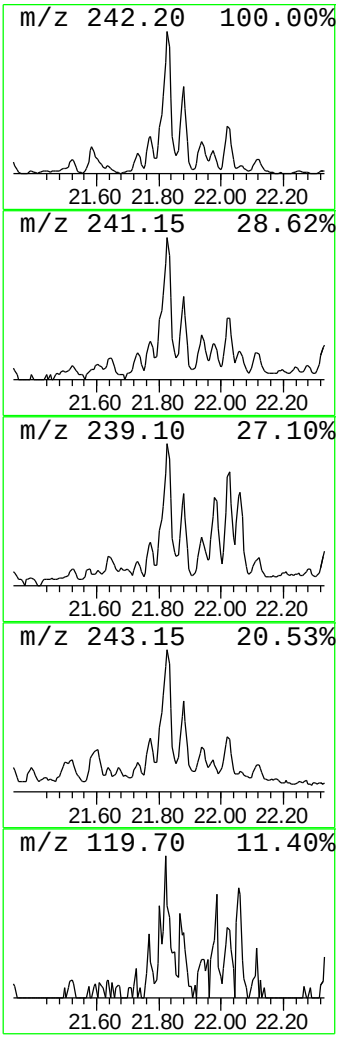
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.93 ng/ul	139831	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





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Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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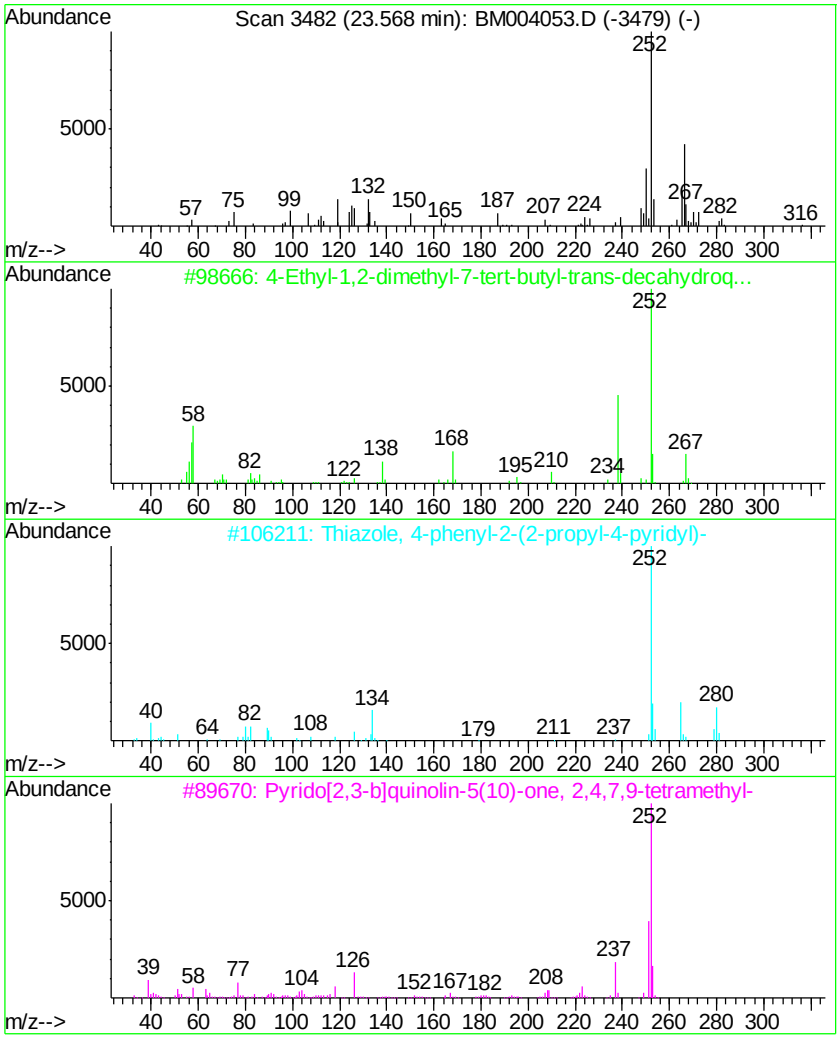
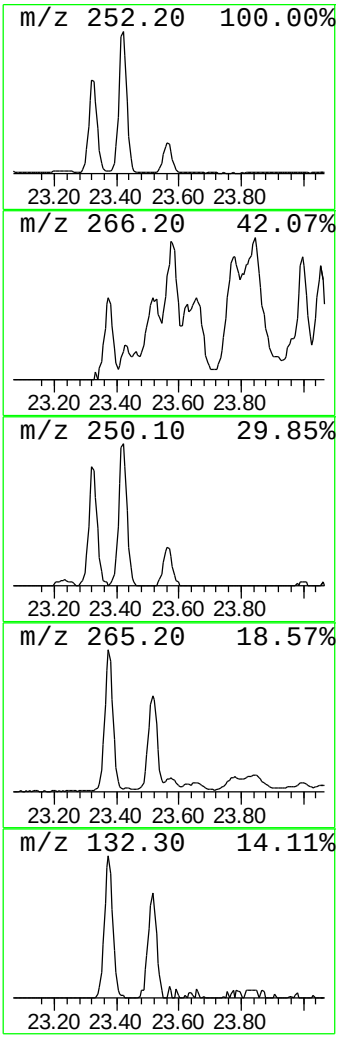
Peak Number 18 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	3.25 ng/ul	82662	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-1,2-dimethyl-7-tert-buty...	267	C17H33NO	060141-51-7	43
2	Thiazole, 4-phenyl-2-(2-propyl-4...	280	C17H16N2S	125255-99-4	37
3	Pyrido[2,3-b]quinolin-5(10)-one,...	252	C16H16N2O	309724-82-1	35
4	Benzo[e]pyrene	252	C20H12	000192-97-2	35
5	Benzo[e]pyrene	252	C20H12	000192-97-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC993

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.65	2.8	ng/ul	31610	1	7.66	223674	20.0
(DEL) Alkane: Str...	16.04	2.3	ng/ul	67341	4	17.07	583217	20.0
Phenanthrene, 2-m...	17.95	4.2	ng/ul	120968	4	17.07	583217	20.0
Phenanthrene, 1-m...	18.14	6.0	ng/ul	175985	4	17.07	583217	20.0
1H-Cyclopropa[l]p...	18.18	3.0	ng/ul	87015	4	17.07	583217	20.0
9,10-Anthracenedione	18.50	2.8	ng/ul	81622	4	17.07	583217	20.0
Phenanthrene, 2,5...	18.87	5.3	ng/ul	154320	4	17.07	583217	20.0
Phenanthrene, 3,6...	18.93	2.5	ng/ul	71907	4	17.07	583217	20.0
Pyrene, 1-methyl-	19.83	3.5	ng/ul	168057	5	21.28	953862	20.0
Pyrene, 2-methyl-	20.16	2.9	ng/ul	138069	5	21.28	953862	20.0
Benzo[b]naphtho[2...	20.93	2.6	ng/ul	122320	5	21.28	953862	20.0
Trichloroacetic a...	20.98	4.3	ng/ul	206520	5	21.28	953862	20.0
Chrysene, 1-methyl-	21.83	2.9	ng/ul	139831	5	21.28	953862	20.0
unknown-02	23.57	3.3	ng/ul	82662	6	23.52	509357	20.0