LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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	3.651	92	96	102	rVB	22162	27839	2.92%	0.175%
2	6.845	633	639	649	rVB	117271	188920	19.83%	1.190%
3	6.998	660	665	674	rBV	92926	145165	15.24%	0.914%
4	7.198	693	699	708	rBB	127078	193478	20.31%	1.218%
5	7.663	773	778	785	rBB	134804	207810	21.82%	1.309%
6	8.375	893	899	910	rBB	115550	186281	19.56%	1.173%
7	8.822	969	975	983	rBV	120410	190489	20.00%	1.200%
8	9.539	1092	1097	1104	rBB	97914	157772	16.56%	0.994%
9	10.080	1183	1189	1197	rBV	159225	253936	26.66%	1.599%
10	10.451	1245	1252	1258	rBV	213335	349018	36.64%	2.198%
11	10.592	1270	1276	1292	rBV	124528	211274	22.18%	1.330%
12	13.733	1804	1810	1814	rVV	293087	408115	42.85%	2.570%
13	13.780	1814	1818	1824	rVB	135317	185553	19.48%	1.169%
14	14.010	1851	1857	1870	rBB	340433	519492	54.54%	3.271%
15	14.321	1904	1910	1917	rBB2	316543	477070	50.09%	3.004%
16	14.539	1942	1947	1958	rBV	83215	140446	14.75%	0.884%
17	15.174	2049	2055	2061	rVB	30258	37801	3.97%	0.238%
18	15.315	2074	2079	2085	rVV	453888	643909	67.60%	4.055%
19	15.451	2097	2102	2107	rVV	71945	96081	10.09%	0.605%
20	16.039	2196	2202	2217	rBV3	36468	75087	7.88%	0.473%
21	16.380	2251	2260	2264	rBV4	12680	26049	2.73%	0.164%
22	16.827	2325	2336	2341	rBV3	20499	35561	3.73%	0.224%
23	16.886	2341	2346	2355	rVB2	13172	25194	2.65%	0.159%
24	17.074	2371	2378	2381	rBV	391039	557960	58.58%	3.514%
25	17.115	2381	2385	2389	rVV	201152	276231	29.00%	1.740%
26	17.168	2389	2394	2399	rVV2	476126	691431	72.59%	4.354%
27	17.204	2399	2400	2405	rVB	50145	41915	4.40%	0.264%
28	17.651	2469	2476	2484	rVB2	18873	31650	3.32%	0.199%
29	17.945	2516	2526	2531	rBV	70103	119859	12.58%	0.755%
30	17.992	2531	2534	2540	rVB	86807	126020	13.23%	0.794%
31	18.074	2543	2548	2553	rBV	22939	36324	3.81%	0.229%
32	18.139	2553	2559	2563	rBV3	94243	165916	17.42%	1.045%
33	18.180	2563	2566	2572	rVB	58003	80417	8.44%	0.506%
34	18.451	2607	2612	2616	rBV2	41752	54349	5.71%	0.342%

LSC Area Percent Report

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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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	18.498	2616	2620	2629	rVB2	35121	59397	6.24%	0.374%
36	18.698	2651	2654	2658	rVB	23764	27834	2.92%	0.175%
37	18.750	2658	2663	2667	rBV	31356	38310	4.02%	0.241%
38	18.792	2667	2670	2674	rVB2	25299	30607	3.21%	0.193%
39	18.874	2674	2684	2689	rBV	92131	163821	17.20%	1.032%
40	18.933	2689	2694	2698	rVV5	38036	76902	8.07%	0.484%
41	18.968	2698	2700	2703	rVB	26376	26936	2.83%	0.170%
42	19.015	2703	2708	2715	rBV4	40454	84876	8.91%	0.535%
43	19.139	2724	2729	2736	rVB	487583	634512	66.62%	3.996%
44	19.203	2736	2740	2743	rBV	19169	24000	2.52%	0.151%
45	19.239	2743	2746	2751	rVB4	23529	30016	3.15%	0.189%
46	19.386	2767	2771	2774	rVV2	21454	27081	2.84%	0.171%
47	19.474	2781	2786	2789	rBV2	598544	893381	93.79%	5.626%
48	19.503	2789	2791	2800	rVB	477426	628743	66.01%	3.960%
49	19.580	2800	2804	2810	rVB2	45740	69853	7.33%	0.440%
50	19.680	2810	2821	2828	rBV2	23238	81567	8.56%	0.514%
51	19.745	2828	2832	2838	rVB3	28563	43297	4.55%	0.273%
52	19.833	2840	2847	2859	rBV4	56098	162068	17.02%	1.021%
53	19.968	2865	2870	2872	rVV4	38611	58141	6.10%	0.366%
54	20.003	2872	2876	2882	rVB2	98214	146038	15.33%	0.920%
55	20.103	2890	2893	2897	rVV	57384	73552	7.72%	0.463%
56	20.162	2897	2903	2907	rVV2	85592	137383	14.42%	0.865%
57	20.203	2907	2910	2914	rVV4	23268	32966	3.46%	0.208%
58	20.303	2922	2927	2931	rVV	67216	87162	9.15%	0.549%
59	20.350	2931	2935	2939	rVV	63745	81589	8.57%	0.514%
60	20.386	2939	2941	2948	rVB6	15236	24388	2.56%	0.154%
61	20.468	2948	2955	2959	rVB6	15053	28493	2.99%	0.179%
62	20.568	2967	2972	2974	rBV5	16389	27534	2.89%	0.173%
63	20.597	2974	2977	2980	rVV3	16213	24276	2.55%	0.153%
64	20.721	2993	2998	3000	rBV4	17141	29078	3.05%	0.183%
65	20.756	3000	3004	3010	rVB	52713	83215	8.74%	0.524%
66	20.844	3016	3019	3024	rVB	18427	25335	2.66%	0.160%
67	20.921	3024	3032	3036	rBV3	63418	123417	12.96%	0.777%
68	20.962	3036	3039	3040	rVV	51717	62147	6.52%	0.391%
69	20.980	3040	3042	3050	rVV3	104885	209574	22.00%	1.320%
70	21.056	3050	3055	3061	rVB2	45806	84375	8.86%	0.531%
71	21.162	3066	3073	3076	rBV	20565	39853	4.18%	0.251%

LSC Area Percent Report

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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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
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Peak separation: 5

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

72	21.274	3085	3092	3096	rBV2	522478	952489	100.00%	5.998%
73	21.315	3096	3099	3109	rVB	248133	323279	33.94%	2.036%
74	21.391	3109	3112	3115	rBV2	22921	31576	3.32%	0.199%
75	21.433	3115	3119	3125	rBV3	42214	68814	7.22%	0.433%
76	21.491	3125	3129	3136	rVB7	15863	40144	4.21%	0.253%
77	21.591	3141	3146	3151	rBV2	22460	39088	4.10%	0.246%
78	21.639	3151	3154	3158	rVB2	18909	23905	2.51%	0.151%
79	21.727	3165	3169	3172	rBV3	13901	22142	2.32%	0.139%
80	21.774	3173	3177	3179	rBV	18636	24261	2.55%	0.153%
81	21.827	3179	3186	3189	rVV	76874	119635	12.56%	0.753%
82	21.880	3192	3195	3201	rVB2	42999	68803	7.22%	0.433%
83	22.027	3215	3220	3223	rBV3	44039	72405	7.60%	0.456%
84	22.121	3232	3236	3242	rVB3	30578	53355	5.60%	0.336%
85	22.315	3265	3269	3271	rBV4	28568	42154	4.43%	0.265%
86	22.597	3313	3317	3321	rVB4	17552	29950	3.14%	0.189%
87	22.844	3351	3359	3365	rBV	153942	397175	41.70%	2.501%
88	23.015	3384	3388	3394	rVB	30872	48974	5.14%	0.308%
89	23.144	3406	3410	3413	rBV5	13299	23496	2.47%	0.148%
90	23.321	3435	3440	3444	rBV	94200	173303	18.19%	1.091%
91	23.374	3444	3449	3453	rVV	335105	603120	63.32%	3.798%
92	23.415	3453	3456	3464	rVV	151357	263988	27.72%	1.662%
93	23.515	3466	3473	3479	rVV	249403	482512	50.66%	3.039%
94	23.568	3479	3482	3490	rVB3	44387	79653	8.36%	0.502%
95	24.015	3552	3558	3565	rBV2	24907	52892	5.55%	0.333%
96	24.756	3680	3684	3692	rVB6	13582	25512	2.68%	0.161%
97	25.609	3825	3829	3839	rVB5	11557	25974	2.73%	0.164%
98	25.768	3846	3856	3867	rVB2	70297	209929	22.04%	1.322%
99	26.456	3965	3973	3984	rVB	38144	111904	11.75%	0.705%
100	26.632	3997	4003	4007	rBV7	9124	22790	2.39%	0.144%

Sum of corrected areas: 15879351

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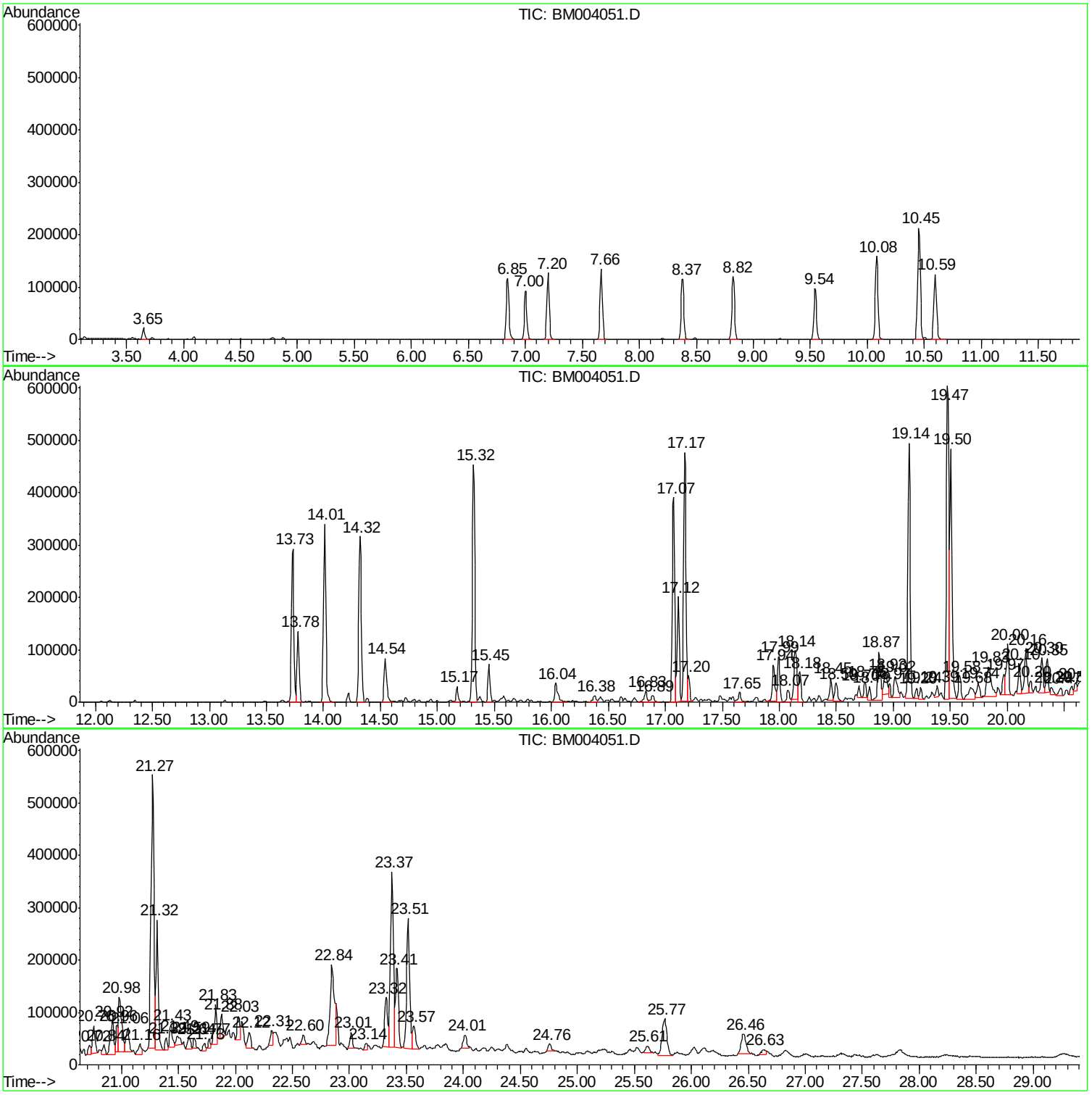
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC991

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
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Sample : H1100-10
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

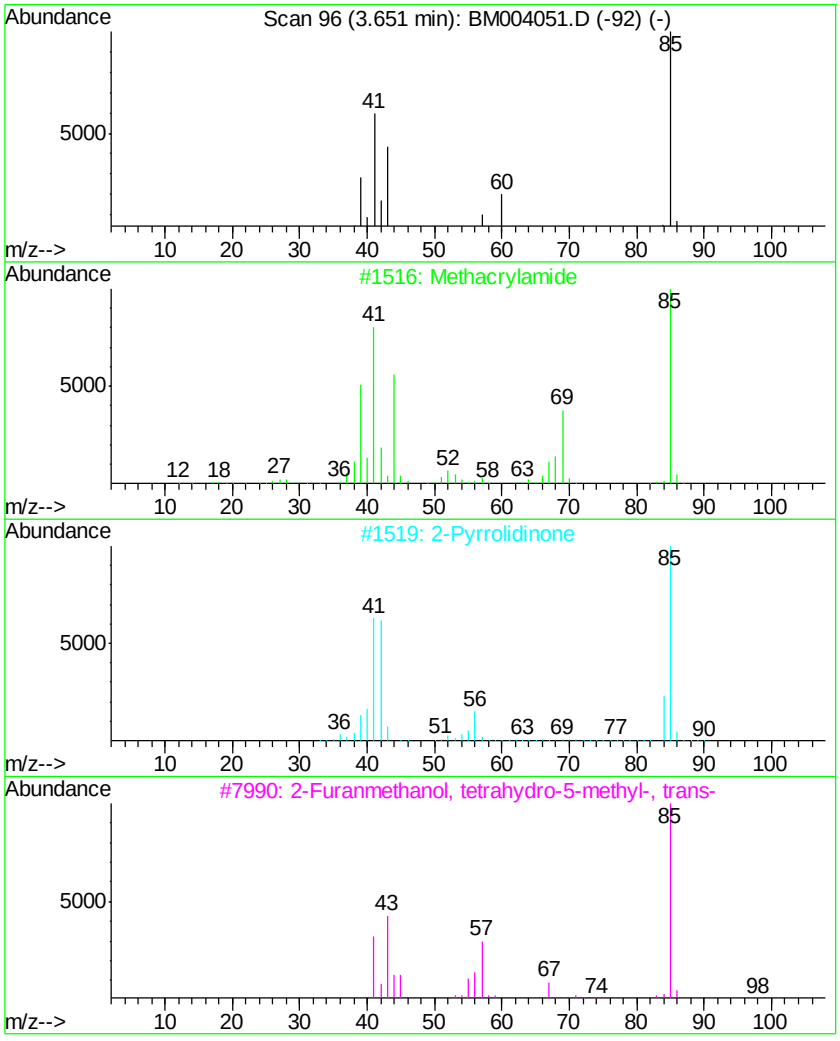
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

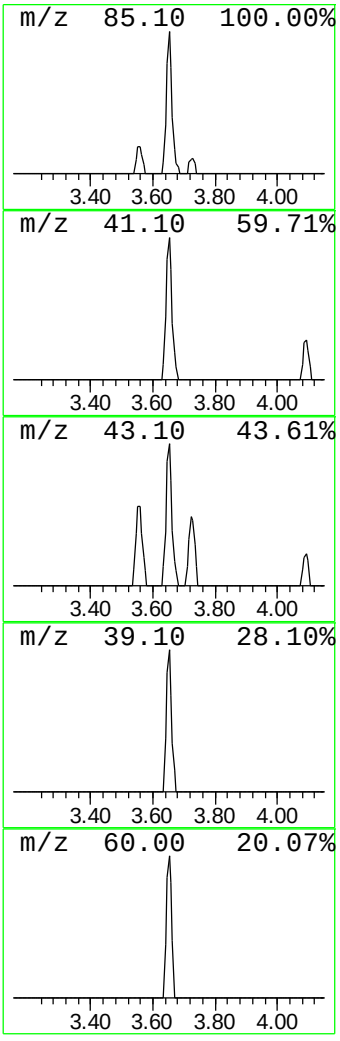
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.68 ng/ul	27839	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-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	9
4	Methacrylamide	85	C4H7NO	000079-39-0	7
5	Methacrylamide	85	C4H7NO	000079-39-0	7





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

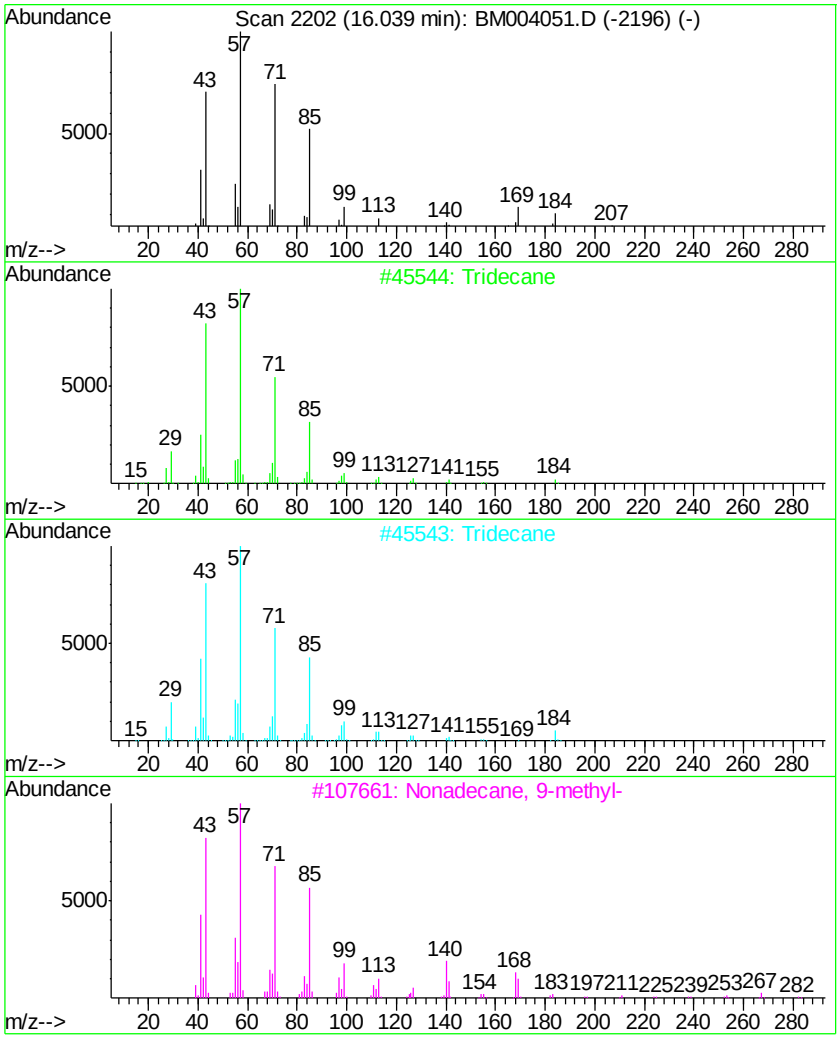
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

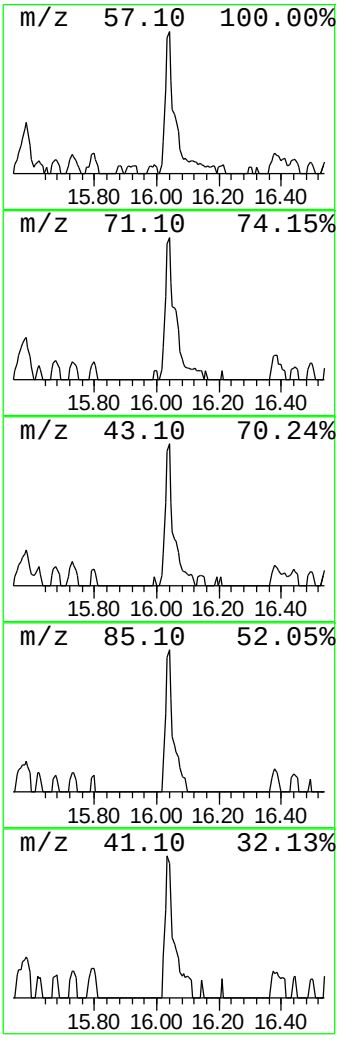
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.69 ng/ul	75087	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane	184	C13H28	000629-50-5	80
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
4	Octacosane	394	C28H58	000630-02-4	74
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : H1100-10
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Instrument : BNA_M
ClientSampleId : BC991

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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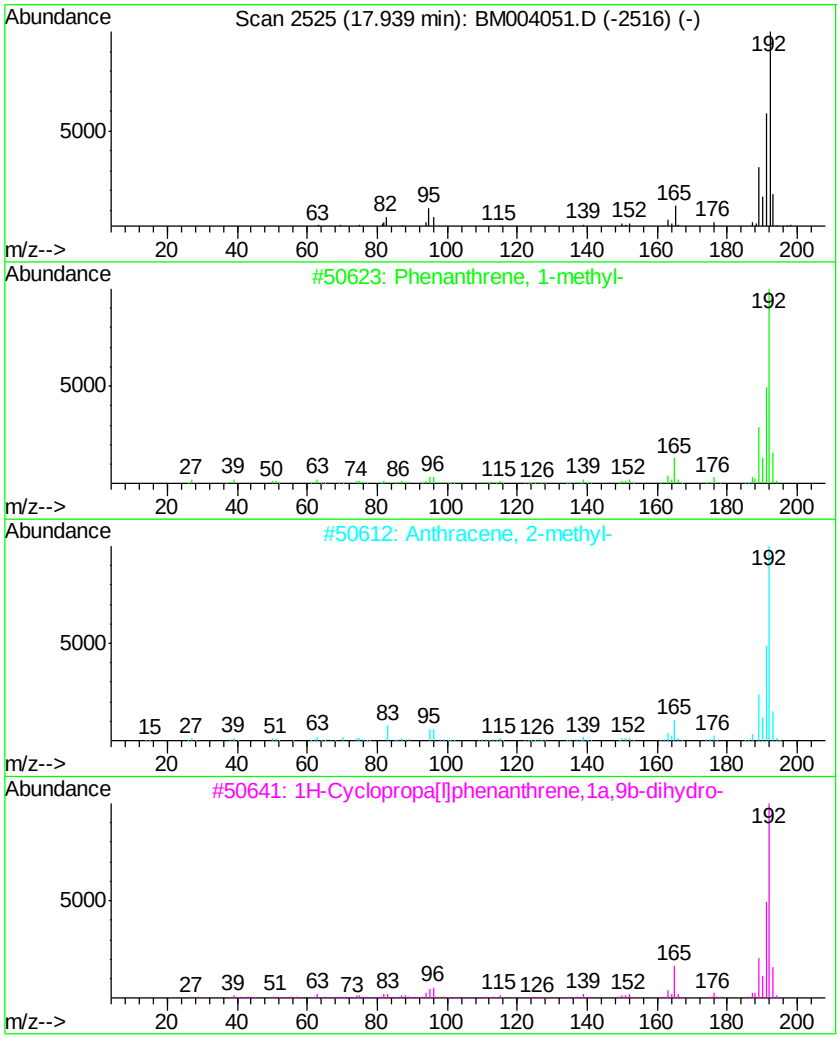
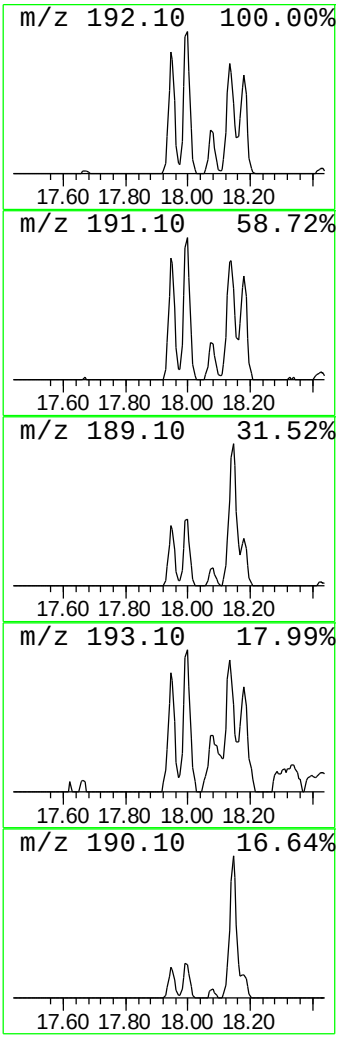
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.30 ng/ul	119859	Phenanthrene-d10	17.07

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

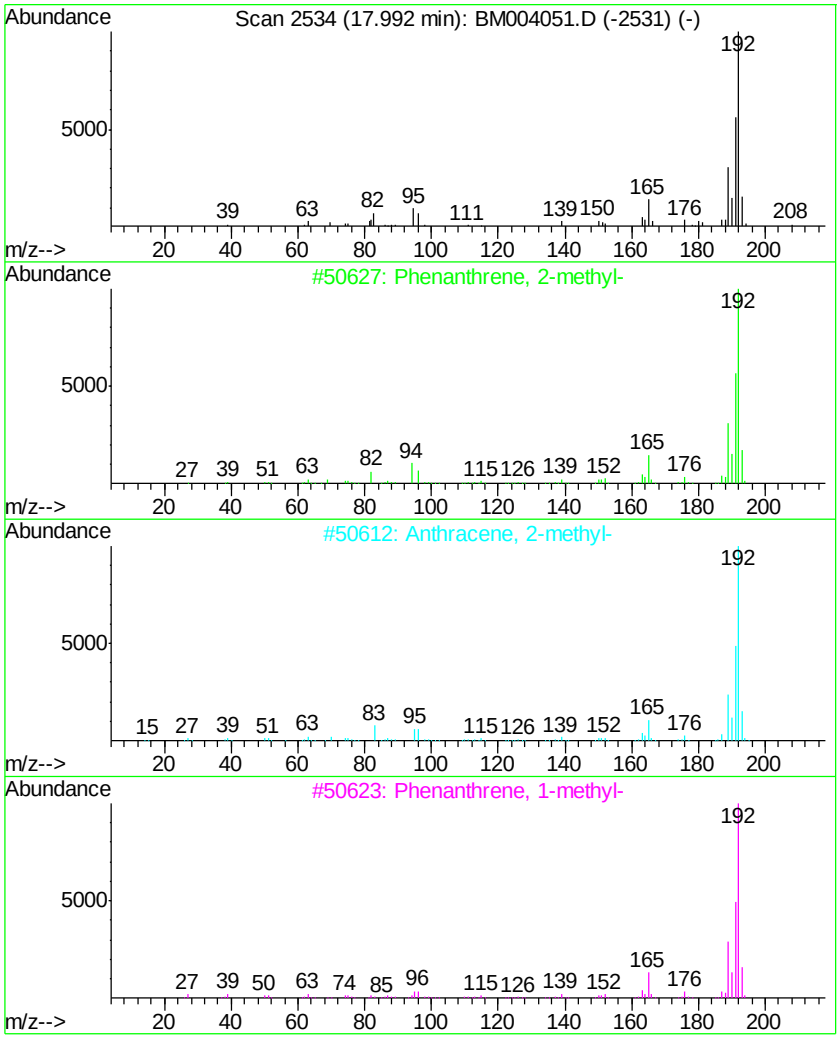
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

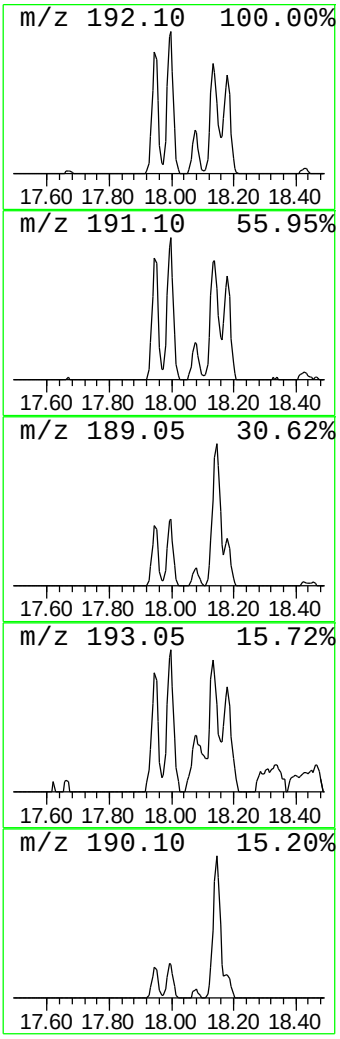
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.52 ng/ul	126020	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

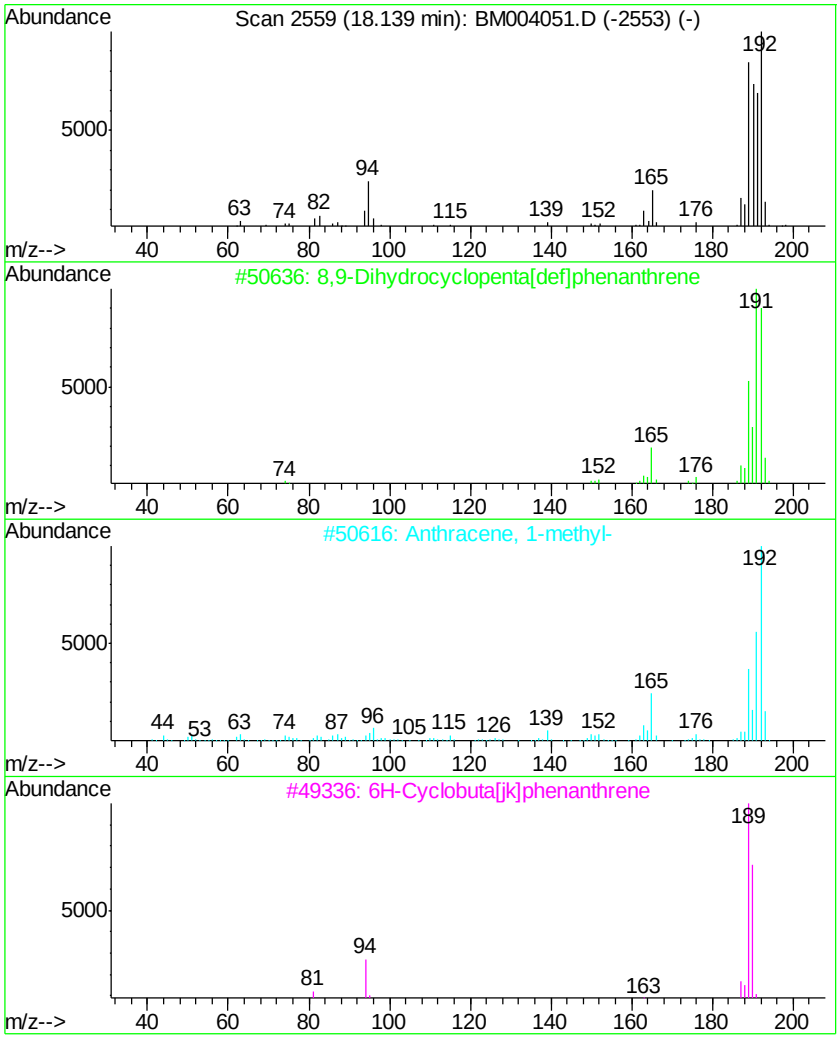
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

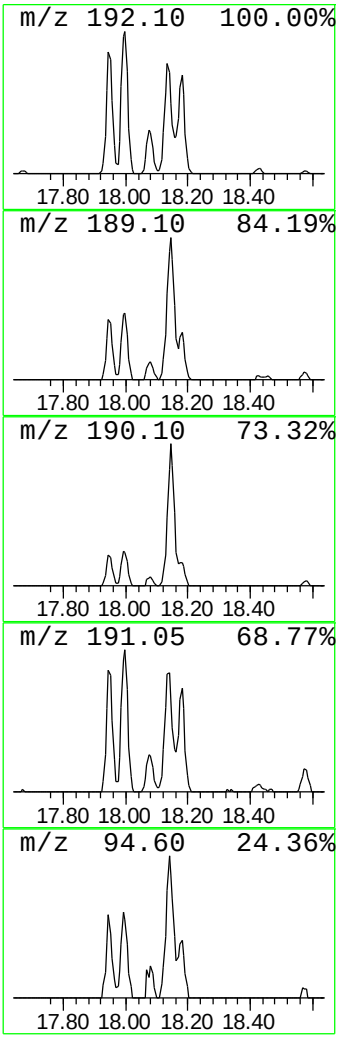
****

Peak Number 5 8,9-Dihydrocyclopenta[def]p... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.95 ng/ul	165916	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Library Search Compound Report

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Data File : BM004051.D
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Misc :
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Instrument : BNA_M
ClientSampleId : BC991

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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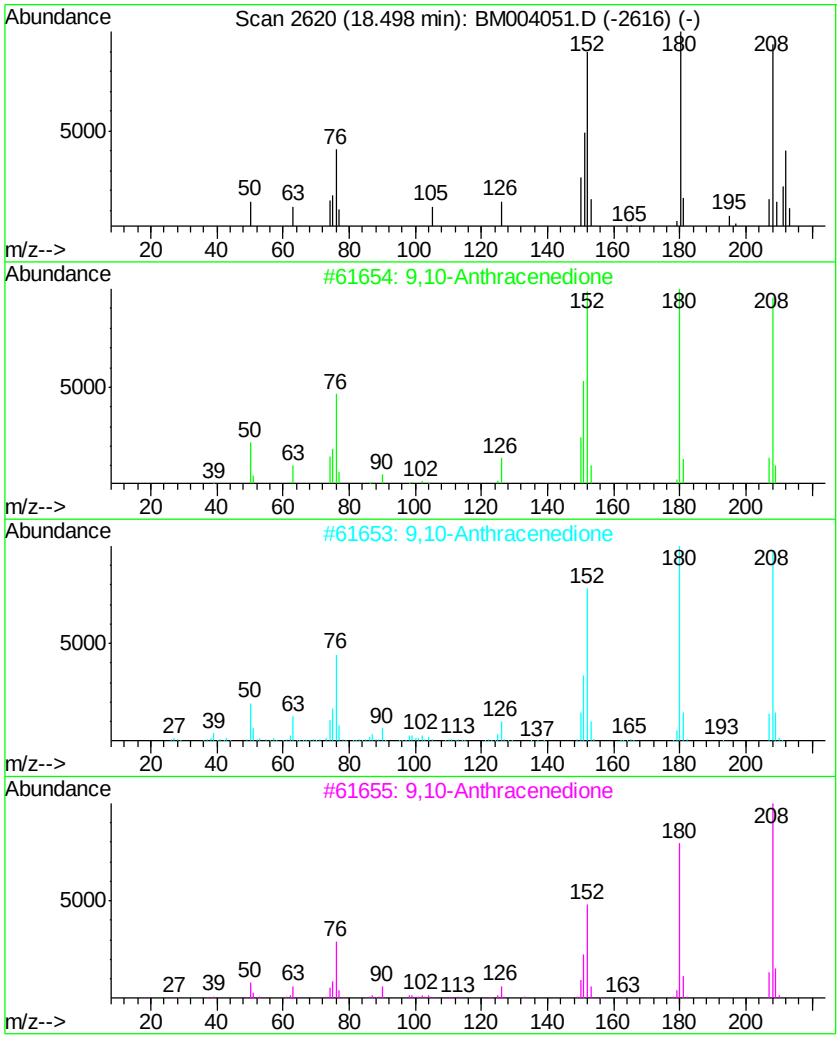
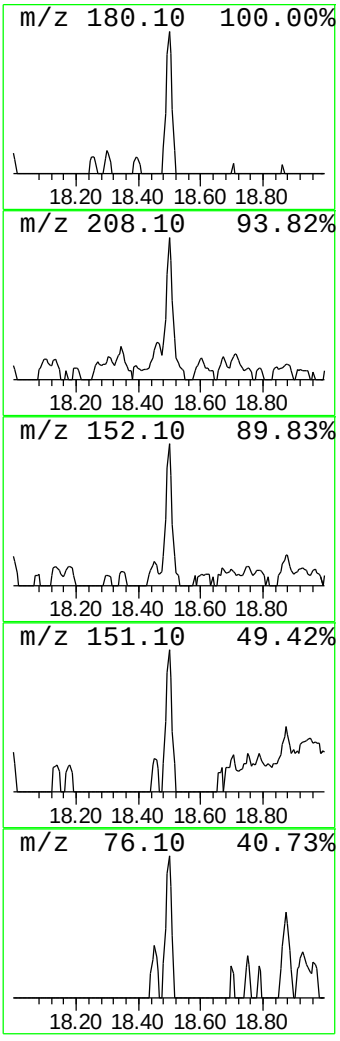
Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.13 ng/ul	59397	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





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Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

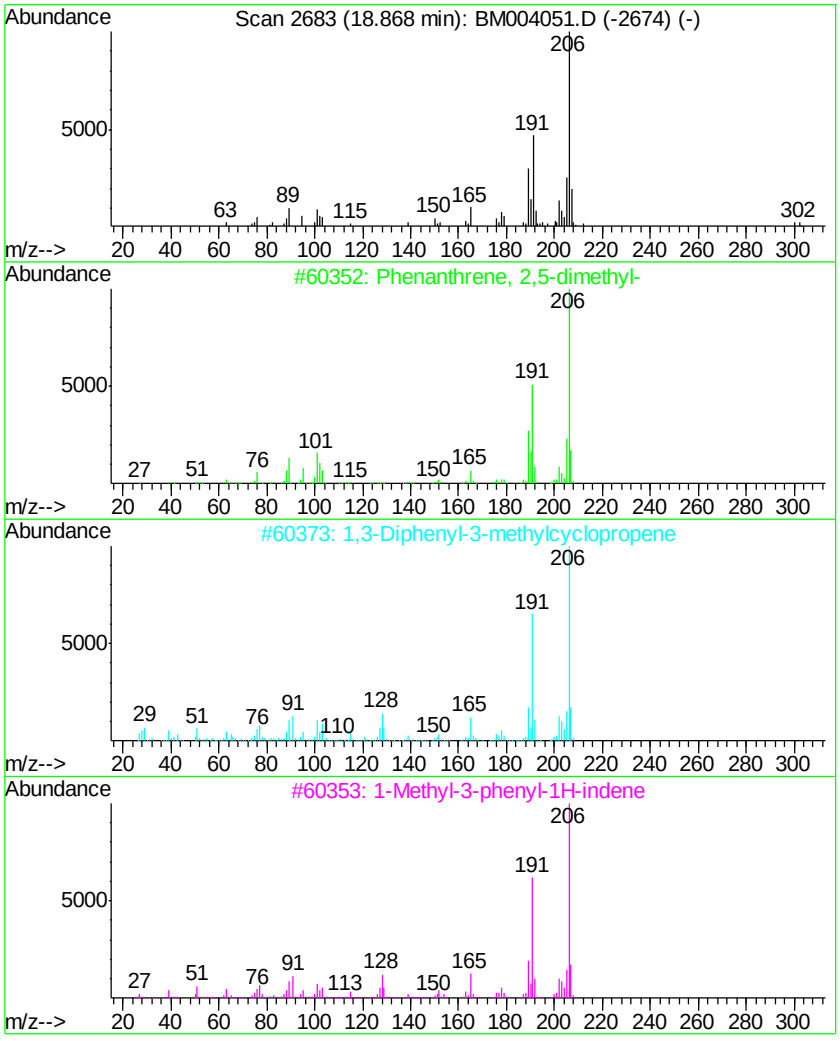
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

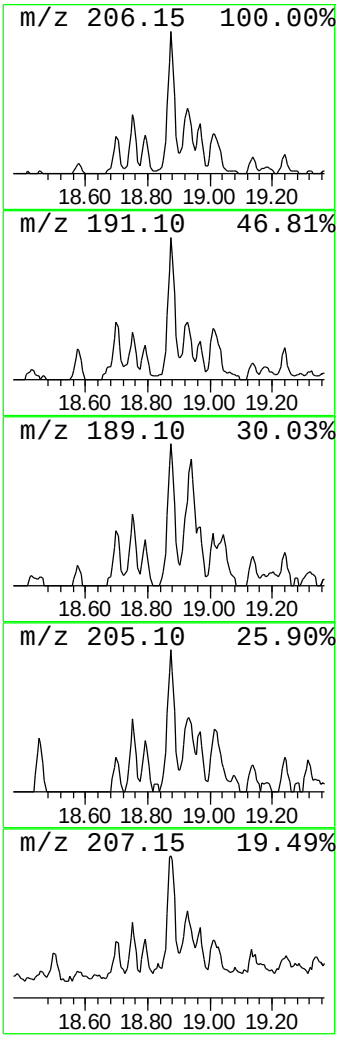
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.87 ng/ul	163821	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

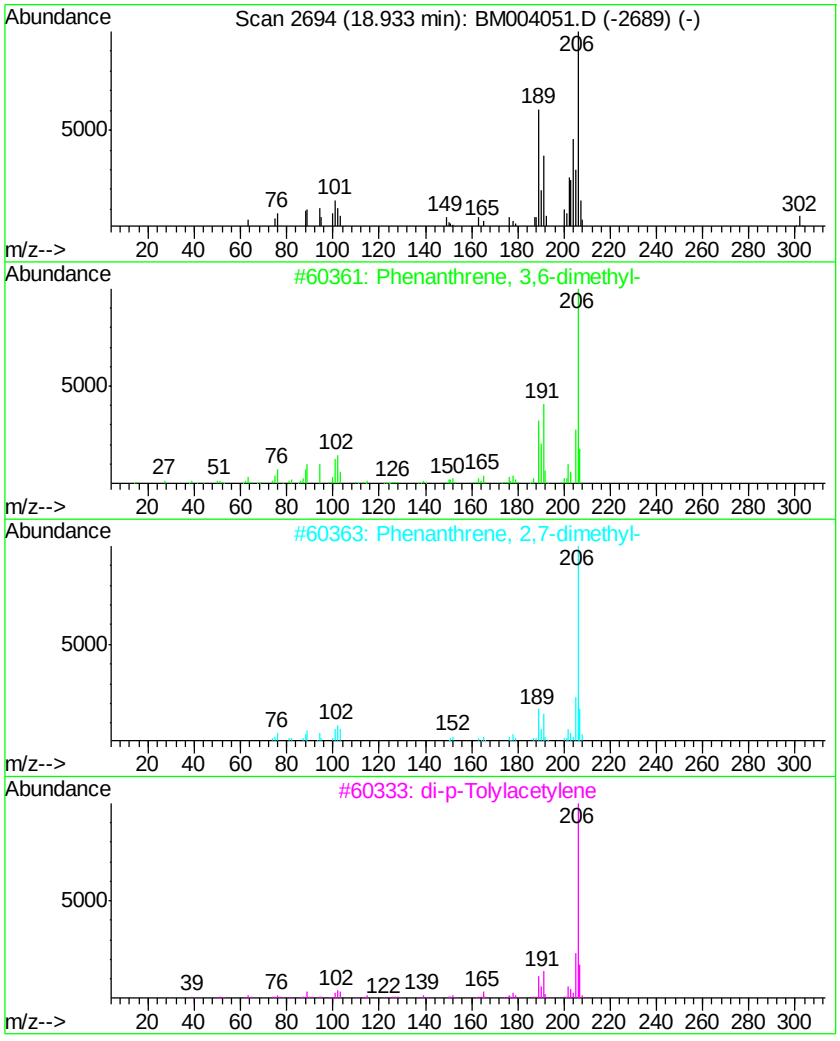
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

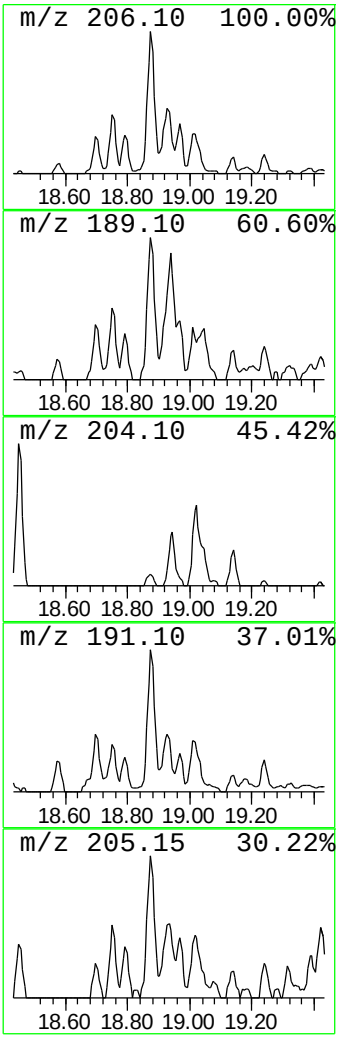
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.76 ng/ul	76902	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53





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Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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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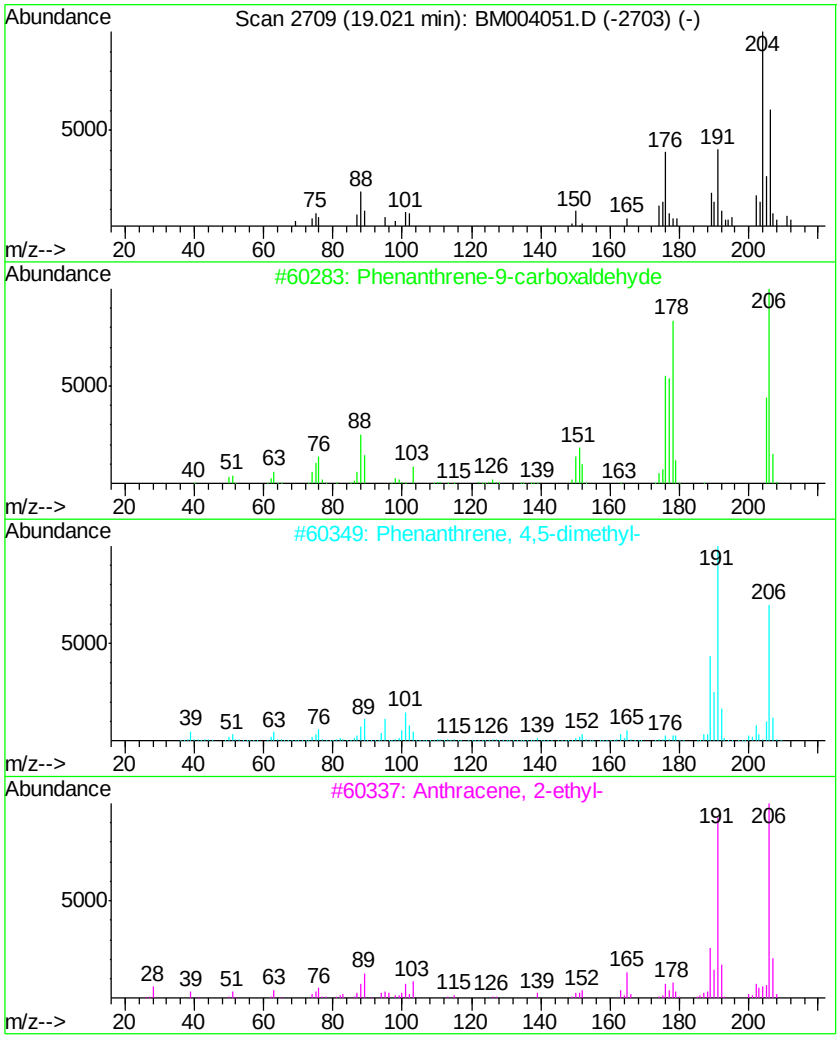
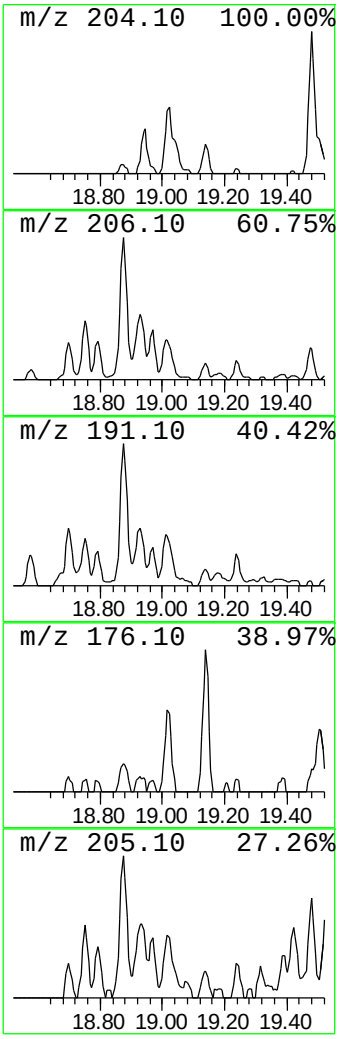
Peak Number 10 Phenanthrene-9-carboxaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.04 ng/ul	84876	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-9-carboxaldehyde	206	C15H10O	004707-71-5	64
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50





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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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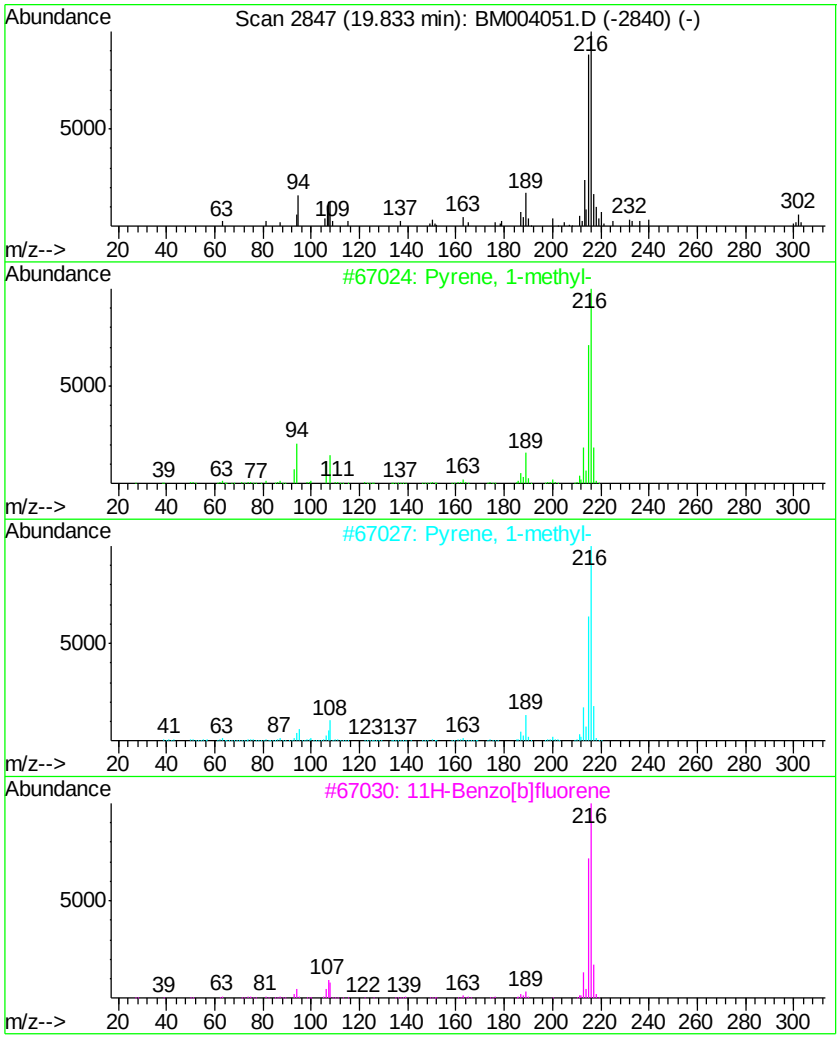
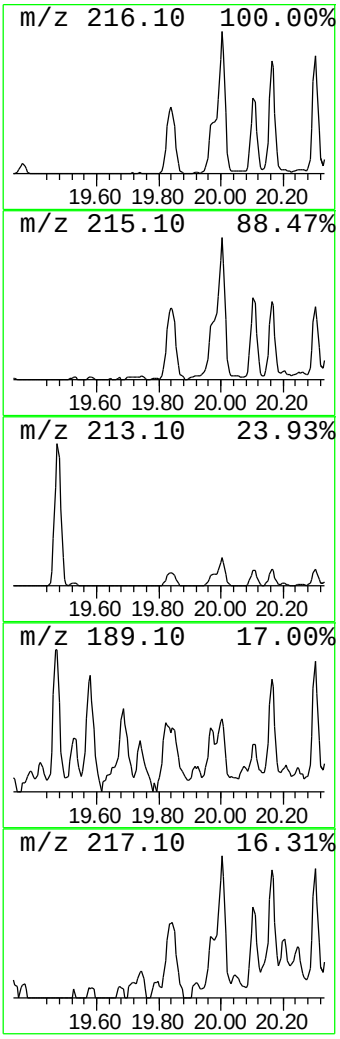
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.40 ng/ul	162068	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Library Search Compound Report

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Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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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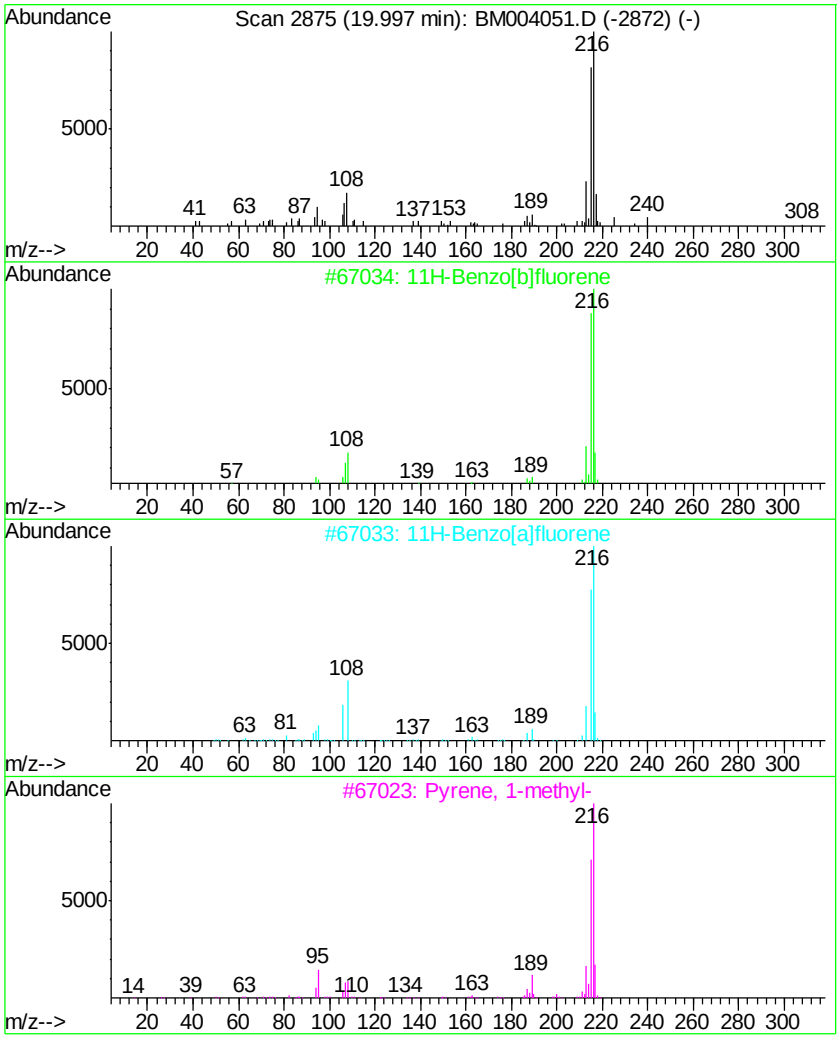
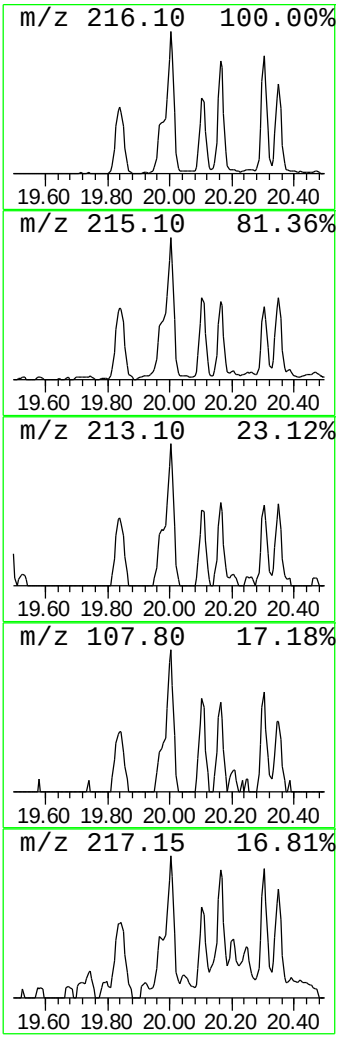
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	3.07 ng/ul	146038	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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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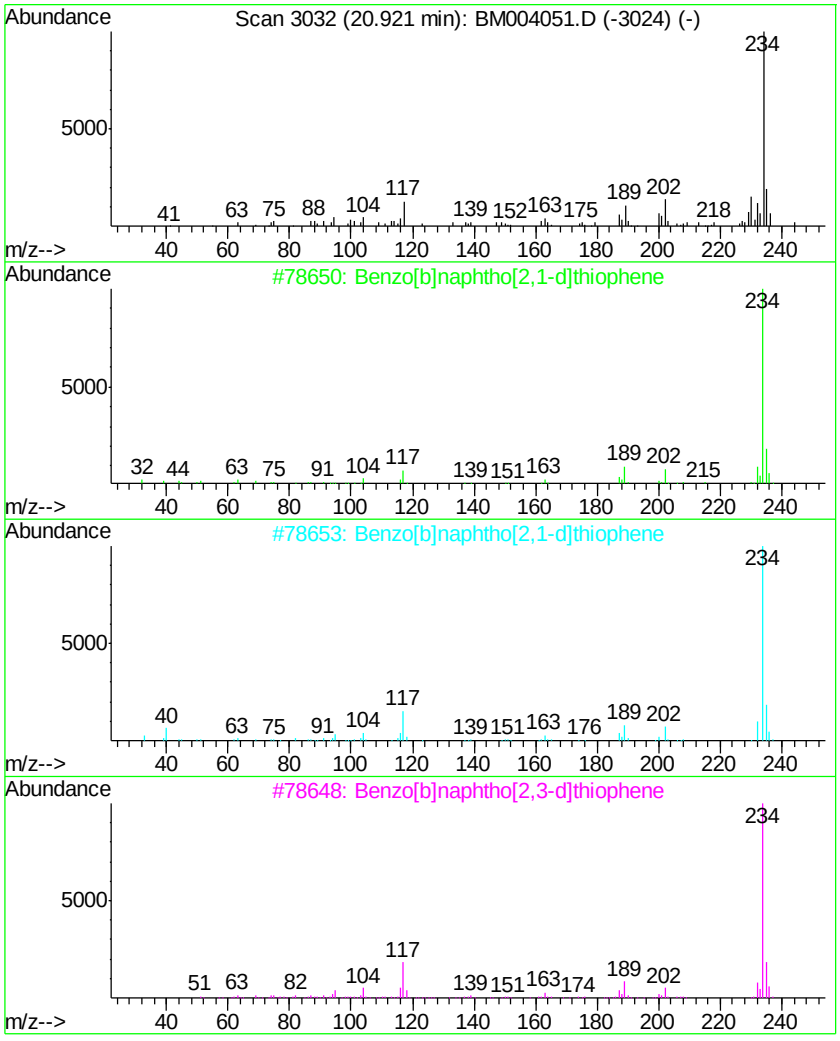
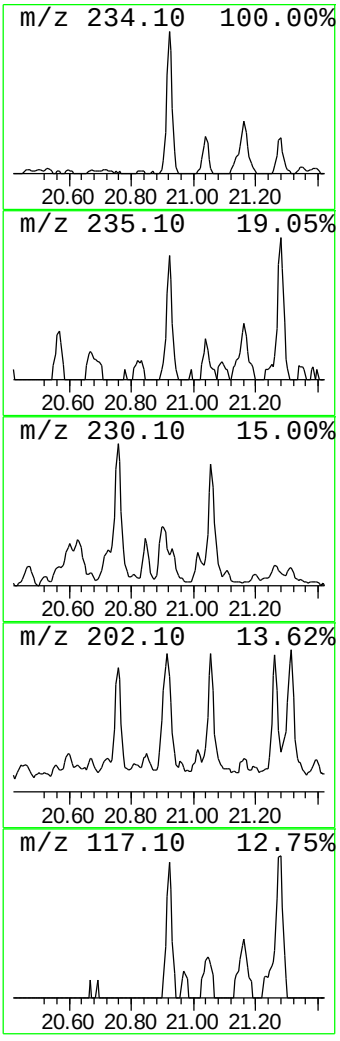
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.59 ng/ul	123417	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
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	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





Library Search Compound Report

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Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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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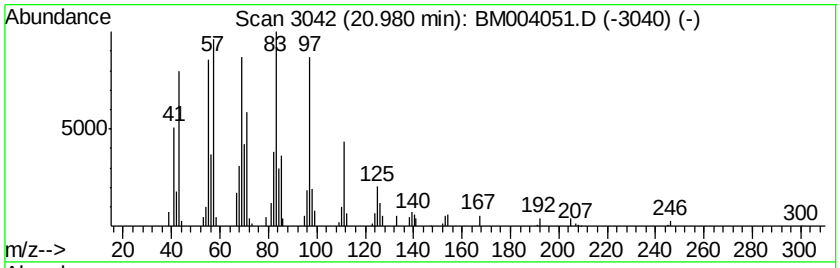
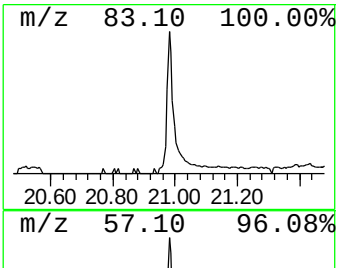
Peak Number 15 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.40 ng/ul	209574	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Nonadecanol	284	C19H40O	001454-84-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

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Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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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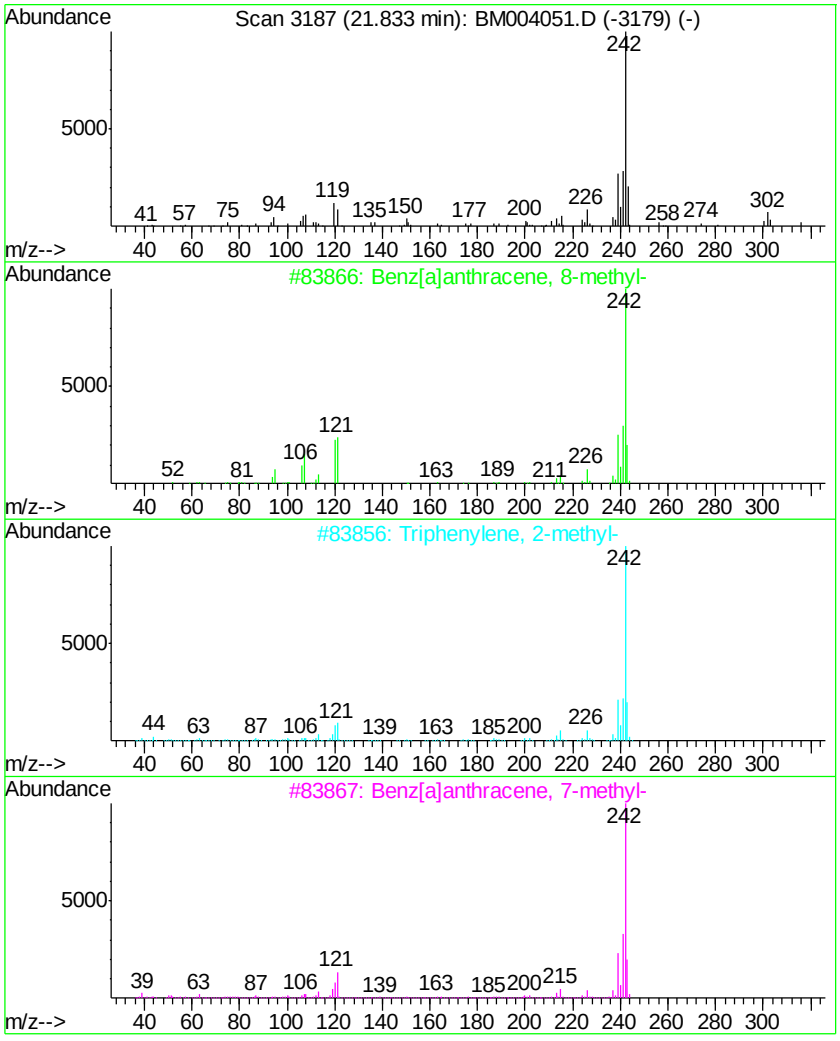
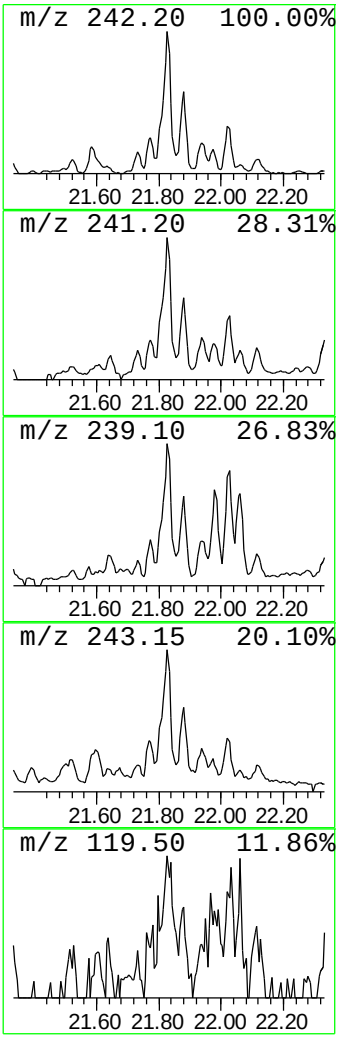
Peak Number 16 Benz[a]anthracene, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.51 ng/ul	119635	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	90





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Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC991

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

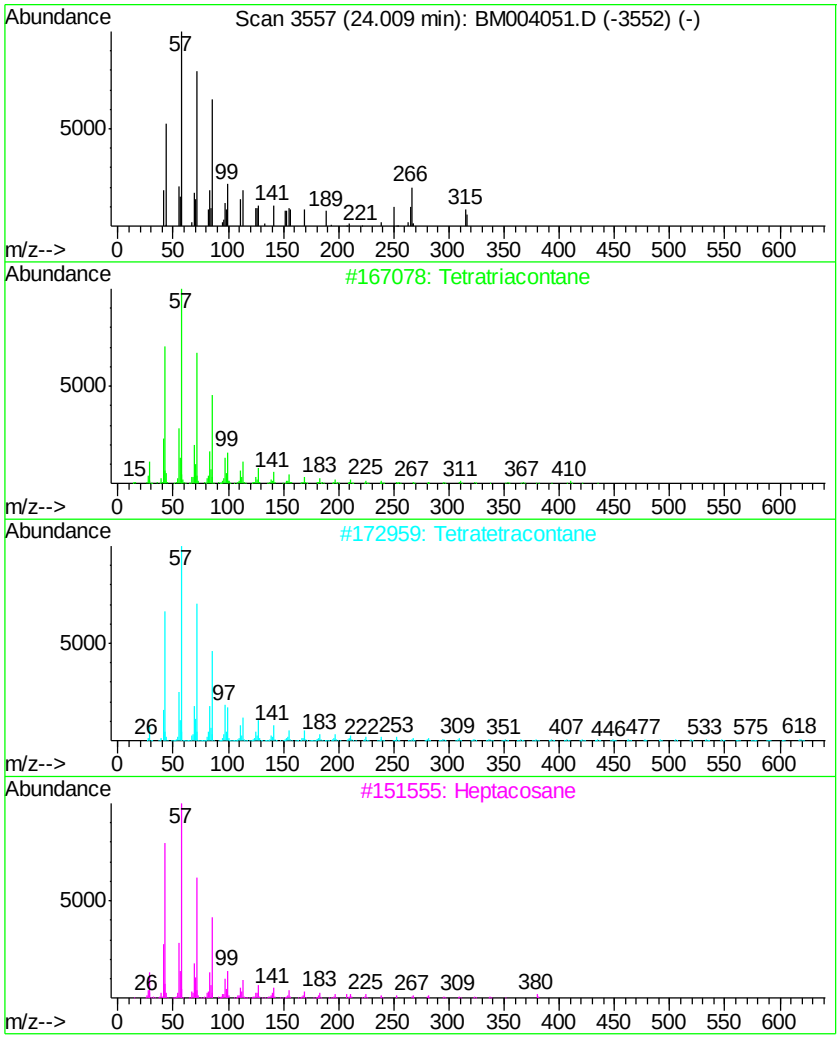
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

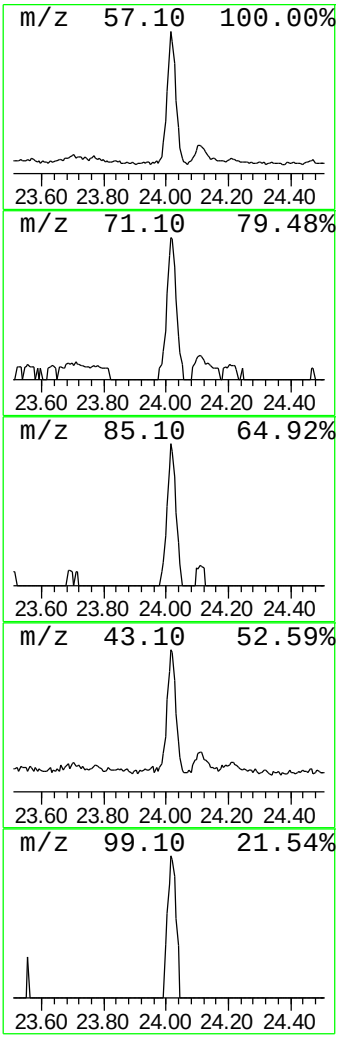
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.19 ng/ul	52892	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Pentacosane	352	C25H52	000629-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004051.D
Acq On : 15 Jan 2016 17:12
Operator : SJ/UM
Sample : H1100-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
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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	2.7	ng/ul	27839	1	7.66	207810	20.0
(DEL) Alkane: Str...	16.04	2.7	ng/ul	75087	4	17.07	557960	20.0
Phenanthrene, 1-m...	17.94	4.3	ng/ul	119859	4	17.07	557960	20.0
Phenanthrene, 2-m...	17.99	4.5	ng/ul	126020	4	17.07	557960	20.0
8,9-Dihydrocyclop...	18.14	6.0	ng/ul	165916	4	17.07	557960	20.0
9,10-Anthracenedione	18.50	2.1	ng/ul	59397	4	17.07	557960	20.0
Phenanthrene, 2,5...	18.87	5.9	ng/ul	163821	4	17.07	557960	20.0
Phenanthrene, 3,6...	18.93	2.8	ng/ul	76902	4	17.07	557960	20.0
Phenanthrene-9-ca...	19.02	3.0	ng/ul	84876	4	17.07	557960	20.0
Pyrene, 1-methyl-	19.83	3.4	ng/ul	162068	5	21.28	952489	20.0
11H-Benzo[b]fluorene	20.00	3.1	ng/ul	146038	5	21.28	952489	20.0
Benzo[b]naphtho[2...	20.92	2.6	ng/ul	123417	5	21.28	952489	20.0
Heptafluorobutano...	20.98	4.4	ng/ul	209574	5	21.28	952489	20.0
Benz[a]anthracene...	21.83	2.5	ng/ul	119635	5	21.28	952489	20.0
(DEL) Alkane: Str...	24.01	2.2	ng/ul	52892	6	23.51	482512	20.0