LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM081116.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	6.975	739	746	758	rBV	1058604	1822364	17.44%	0.923%
2	7.151	769	776	783	rBV	838554	1276801	12.22%	0.647%
3	7.345	800	809	817	rBV	1127554	1796740	17.20%	0.910%
4	7.816	881	889	897	rBV	1377601	2181262	20.88%	1.105%
5	8.510	999	1007	1016	rBV	1179255	1920439	18.38%	0.973%
6	8.969	1078	1085	1095	rVB	1007948	1661843	15.91%	0.842%
7	9.686	1199	1207	1214	rBV	830438	1374502	13.16%	0.696%
8	10.216	1287	1297	1306	rVB	1272680	2205894	21.12%	1.117%
9	10.598	1355	1362	1369	rBV	1769681	3018231	28.89%	1.529%
10	10.733	1377	1385	1394	rBV	907108	1590302	15.22%	0.805%
11	13.763	1894	1900	1905	rBV	306549	560272	5.36%	0.284%
12	13.857	1911	1916	1920	rBV	1930523	2593949	24.83%	1.314%
13	13.904	1920	1924	1933	rVB	2818204	3871324	37.06%	1.961%
14	14.139	1957	1964	1967	rBV	2357544	3732815	35.73%	1.891%
15	14.445	2005	2016	2023	rBV2	2329058	3705641	35.47%	1.877%
16	14.633	2042	2048	2060	rBV2	823004	1468877	14.06%	0.744%
17	14.845	2080	2084	2091	rVB	275256	448587	4.29%	0.227%
18	14.921	2091	2097	2102	rVB	292078	436643	4.18%	0.221%
19	15.062	2113	2121	2126	rBV3	255238	598902	5.73%	0.303%
20	15.309	2159	2163	2169	rVB2	307991	473861	4.54%	0.240%
21	15.439	2176	2185	2190	rVV	3047646	4556368	43.62%	2.308%
22	15.492	2190	2194	2200	rVV3	317794	592768	5.67%	0.300%
23	15.551	2200	2204	2211	rVV	531624	800748	7.67%	0.406%
24	15.786	2238	2244	2254	rVB3	161516	387689	3.71%	0.196%
25	15.939	2261	2270	2277	rVB5	180060	454547	4.35%	0.230%
26	16.168	2303	2309	2319	rVB2	494377	857666	8.21%	0.434%
27	16.498	2357	2365	2369	rBV2	278789	630058	6.03%	0.319%
28	16.545	2369	2373	2379	rVB2	244529	366665	3.51%	0.186%
29	16.845	2420	2424	2431	rVB3	207912	368869	3.53%	0.187%
30	17.009	2447	2452	2460	rVB	428962	713416	6.83%	0.361%
31	17.186	2476	2482	2486	rBV	2589684	3984806	38.14%	2.018%
32	17.233	2486	2490	2494	rVV	3610545	5100573	48.82%	2.583%
33	17.286	2494	2499	2503	rVV2	3013868	4502404	43.10%	2.280%
34	17.321	2503	2505	2510	rVB	776378	862539	8.26%	0.437%

LSC Area Percent Report

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Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM081116.M
Title : SVOA CALIBRATION

35	17.374	2510	2514	2520	rBV2	268832	556550	5.33%	0.282%
36	17.574	2544	2548	2554	rBV3	338221	557562	5.34%	0.282%
37	17.768	2577	2581	2589	rVB	674158	979497	9.38%	0.496%
38	17.909	2601	2605	2611	rVB	378379	675531	6.47%	0.342%
39	18.062	2626	2631	2636	rBV	1809737	3392960	32.48%	1.718%
40	18.109	2636	2639	2646	rVB	2252842	3227715	30.90%	1.635%
41	18.192	2648	2653	2658	rBV2	485911	735793	7.04%	0.373%
42	18.250	2658	2663	2668	rBV2	1916226	3525631	33.75%	1.786%
43	18.292	2668	2670	2678	rVB	1405730	1792953	17.16%	0.908%
44	18.386	2681	2686	2689	rBV2	278541	444714	4.26%	0.225%
45	18.462	2694	2699	2703	rVB2	384742	566623	5.42%	0.287%
46	18.562	2707	2716	2720	rBV2	907263	1546466	14.80%	0.783%
47	18.603	2720	2723	2734	rVB2	719441	1528469	14.63%	0.774%
48	18.780	2750	2753	2755	rBV	347504	463498	4.44%	0.235%
49	18.809	2755	2758	2762	rVV	705324	1005182	9.62%	0.509%
50	18.862	2763	2767	2770	rVV	1175852	1515182	14.50%	0.767%
51	18.897	2770	2773	2778	rVB2	882855	1208541	11.57%	0.612%
52	18.986	2778	2788	2792	rBV	2493435	4245735	40.64%	2.150%
53	19.039	2792	2797	2801	rVV4	1094791	2341589	22.41%	1.186%
54	19.074	2801	2803	2807	rVB	817859	912656	8.74%	0.462%
55	19.121	2807	2811	2818	rBV2	1085831	2157036	20.65%	1.092%
56	19.245	2827	2832	2838	rVB	5266143	7242750	69.33%	3.668%
57	19.315	2839	2844	2847	rBV	521028	829082	7.94%	0.420%
58	19.345	2847	2849	2851	rVV2	398904	458179	4.39%	0.232%
59	19.397	2855	2858	2861	rVB	627769	704353	6.74%	0.357%
60	19.445	2862	2866	2869	rVB4	333320	432659	4.14%	0.219%
61	19.492	2870	2874	2877	rBV2	487562	680600	6.51%	0.345%
62	19.521	2877	2879	2884	rVB2	369712	480842	4.60%	0.244%
63	19.580	2884	2889	2891	rBV3	3949779	5538754	53.02%	2.805%
64	19.609	2891	2894	2902	rVB	6703493	10058915	96.29%	5.094%
65	19.686	2902	2907	2913	rVB2	1216145	1955562	18.72%	0.990%
66	19.844	2931	2934	2941	rVB3	627266	1060433	10.15%	0.537%
67	19.933	2944	2949	2960	rVV6	1112302	2970204	28.43%	1.504%
68	20.021	2960	2964	2967	rVV3	407326	580582	5.56%	0.294%
69	20.074	2968	2973	2975	rVV4	968364	1774042	16.98%	0.898%
70	20.103	2975	2978	2982	rVB	1482175	1996776	19.11%	1.011%
71	20.203	2992	2995	2999	rVV	611298	798870	7.65%	0.405%

LSC Area Percent Report

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Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Title : SVOA CALIBRATION

72	20.262	3001	3005	3010	rVB	1649574	2340958	22.41%	1.186%
73	20.403	3025	3029	3033	rBV	1493754	1917416	18.35%	0.971%
74	20.450	3033	3037	3041	rVV	1354353	1821007	17.43%	0.922%
75	20.486	3041	3043	3051	rVB2	431693	645135	6.18%	0.327%
76	20.568	3053	3057	3061	rVB2	344588	488890	4.68%	0.248%
77	20.697	3076	3079	3082	rBV2	285740	385625	3.69%	0.195%
78	20.850	3102	3105	3112	rVB	1202885	1887775	18.07%	0.956%
79	20.944	3118	3121	3125	rVB	538798	606349	5.80%	0.307%
80	21.021	3126	3134	3138	rBV4	1163025	2654200	25.41%	1.344%
81	21.056	3138	3140	3143	rVV	634034	737972	7.06%	0.374%
82	21.091	3143	3146	3151	rVV3	1192711	1867856	17.88%	0.946%
83	21.150	3152	3156	3162	rVB2	764316	1420404	13.60%	0.719%
84	21.368	3187	3193	3197	rBV2	5007221	10446688	100.00%	5.291%
85	21.409	3197	3200	3210	rVB	3511312	5021229	48.07%	2.543%
86	21.491	3210	3214	3217	rBV2	535333	664604	6.36%	0.337%
87	21.533	3218	3221	3225	rBV4	356203	651881	6.24%	0.330%
88	21.580	3226	3229	3231	rBV	417585	546637	5.23%	0.277%
89	21.738	3253	3256	3260	rVB	400385	485604	4.65%	0.246%
90	21.874	3276	3279	3282	rBV	375604	488849	4.68%	0.248%
91	21.933	3282	3289	3293	rVV	1548819	2716808	26.01%	1.376%
92	21.986	3294	3298	3303	rVB	1141125	1622317	15.53%	0.822%
93	22.133	3319	3323	3326	rBV	798135	1073597	10.28%	0.544%
94	22.974	3460	3466	3470	rBV2	2258532	4985040	47.72%	2.525%
95	23.144	3491	3495	3501	rVB	532698	922278	8.83%	0.467%
96	23.462	3543	3549	3552	rBV	1457786	2678085	25.64%	1.356%
97	23.509	3552	3557	3561	rVV	2423104	4513789	43.21%	2.286%
98	23.556	3561	3565	3572	rVB	2524076	4485276	42.93%	2.272%
99	23.656	3575	3582	3587	rBV	2341118	4771853	45.68%	2.417%
100	25.956	3967	3973	3984	rVB2	996679	2740805	26.24%	1.388%

Sum of corrected areas: 197449778

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
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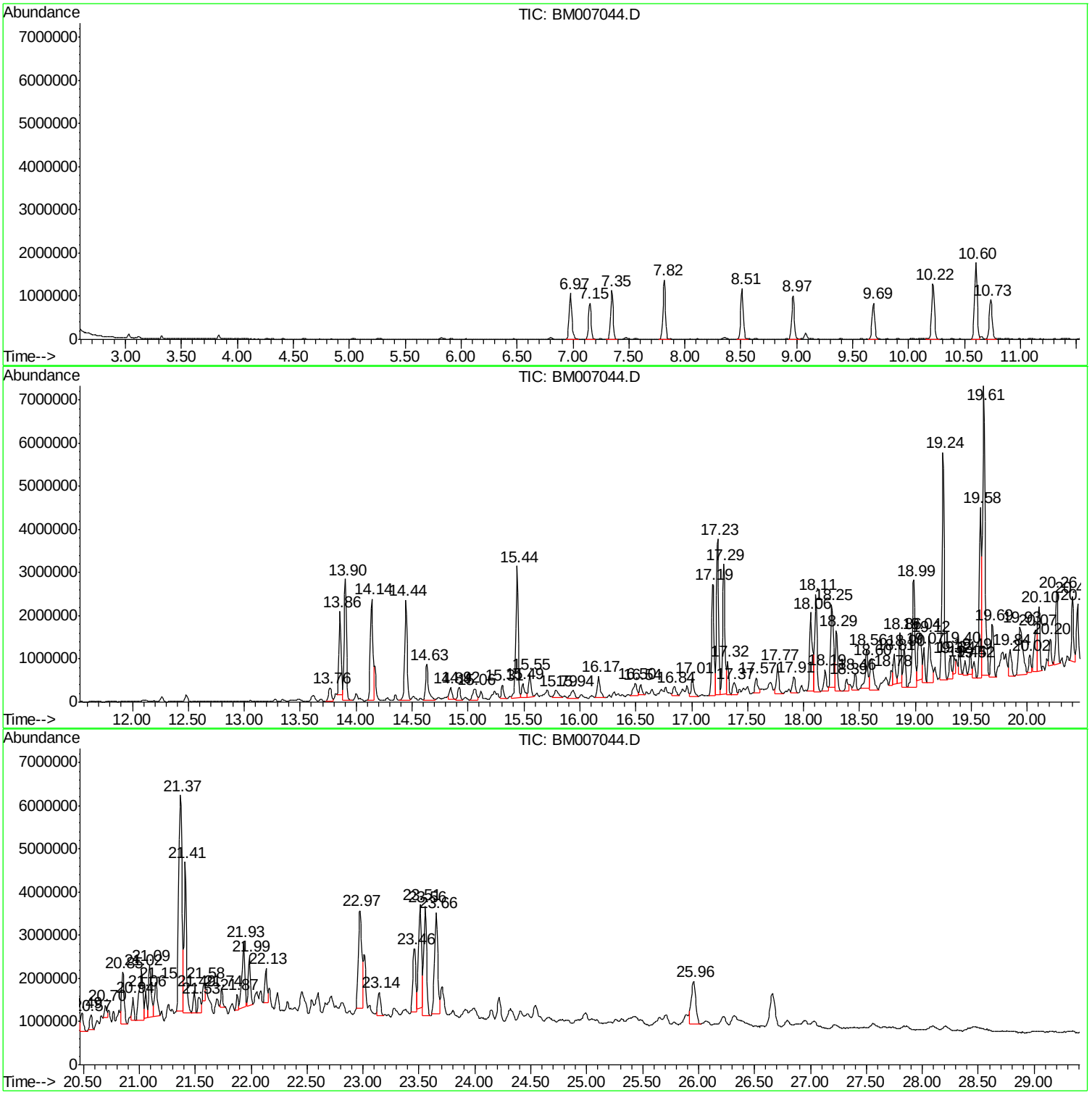
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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 M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

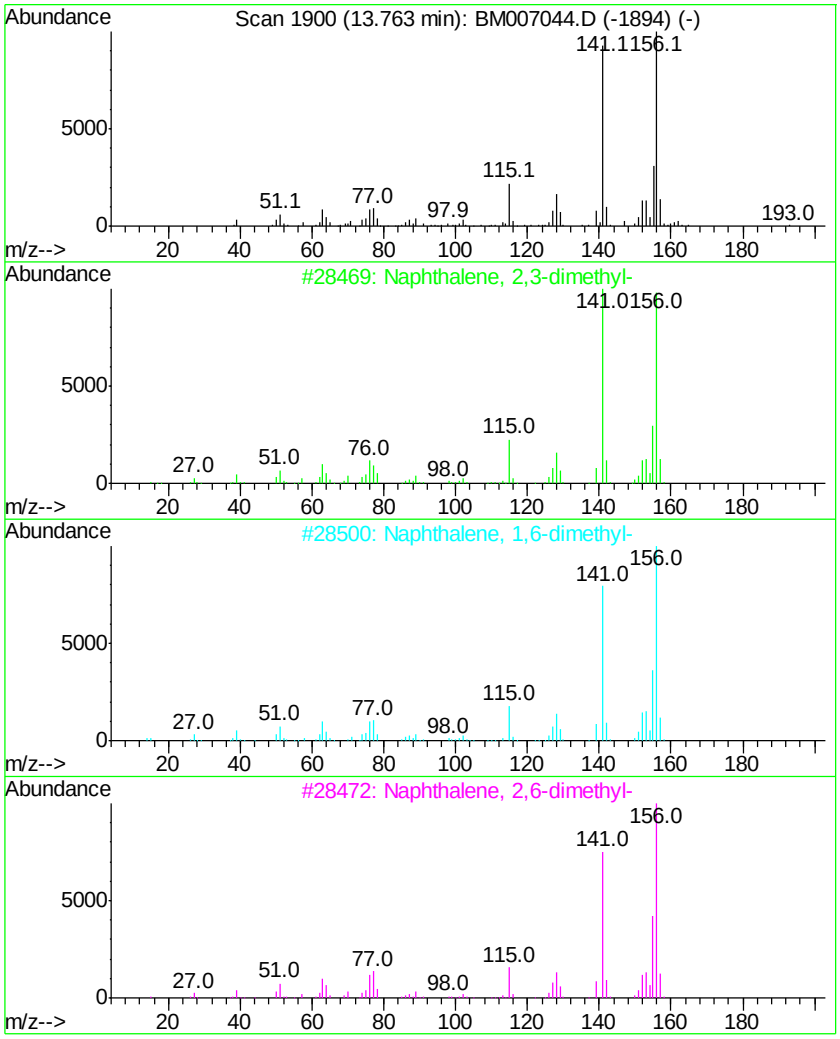
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

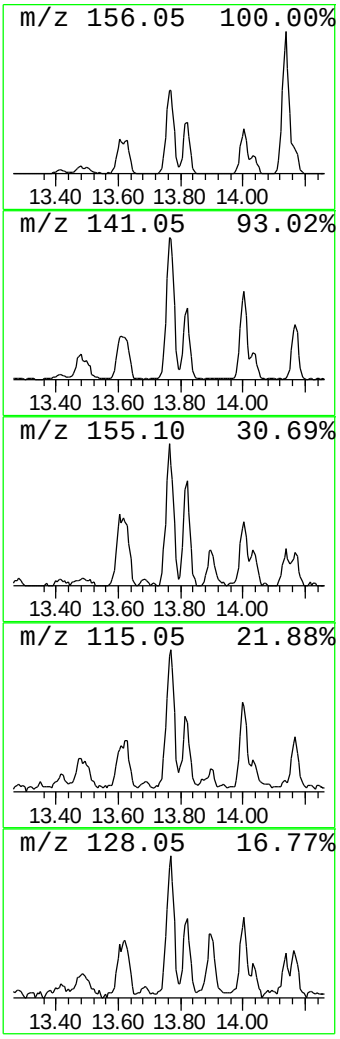
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.02 ng/ul	560272	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

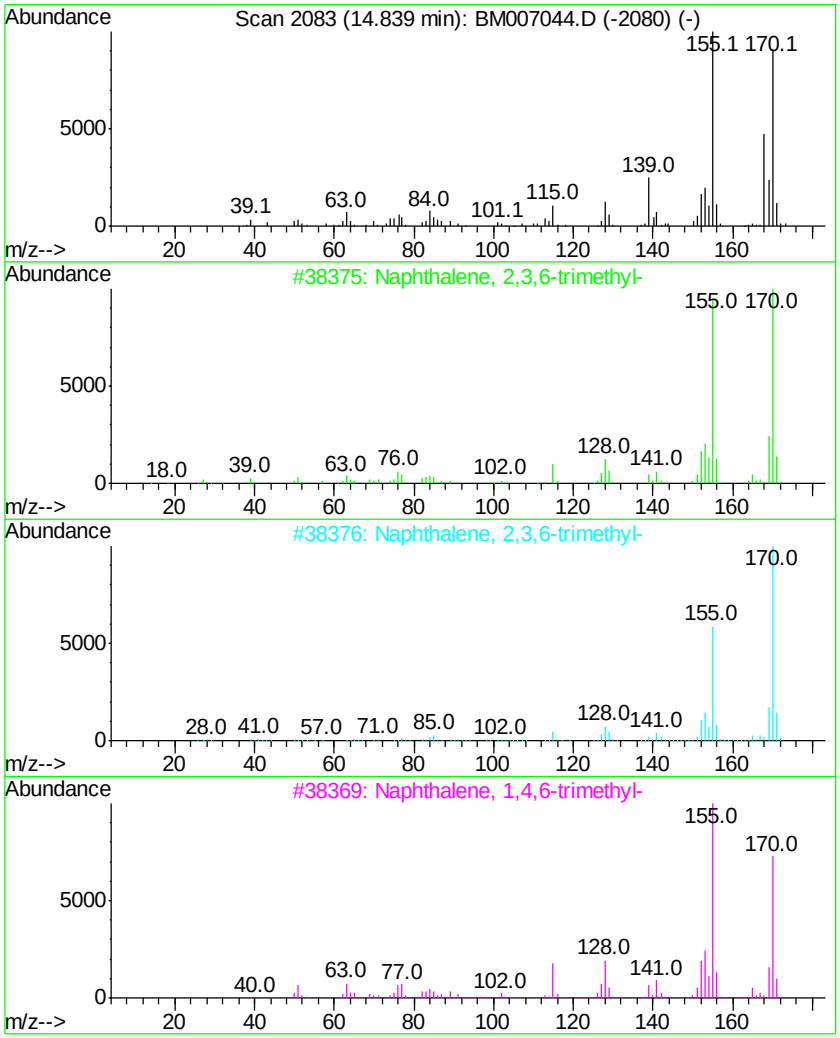
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

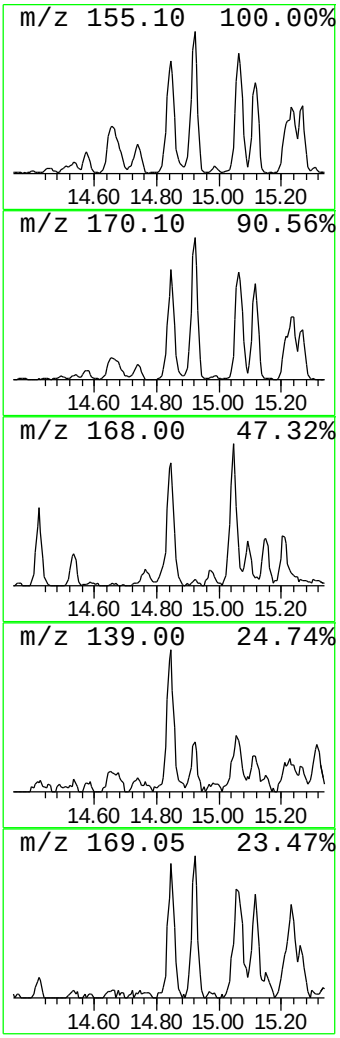
****

Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.42 ng/ul	448587	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
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Acq On : 12 Aug 2016 15:25
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Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

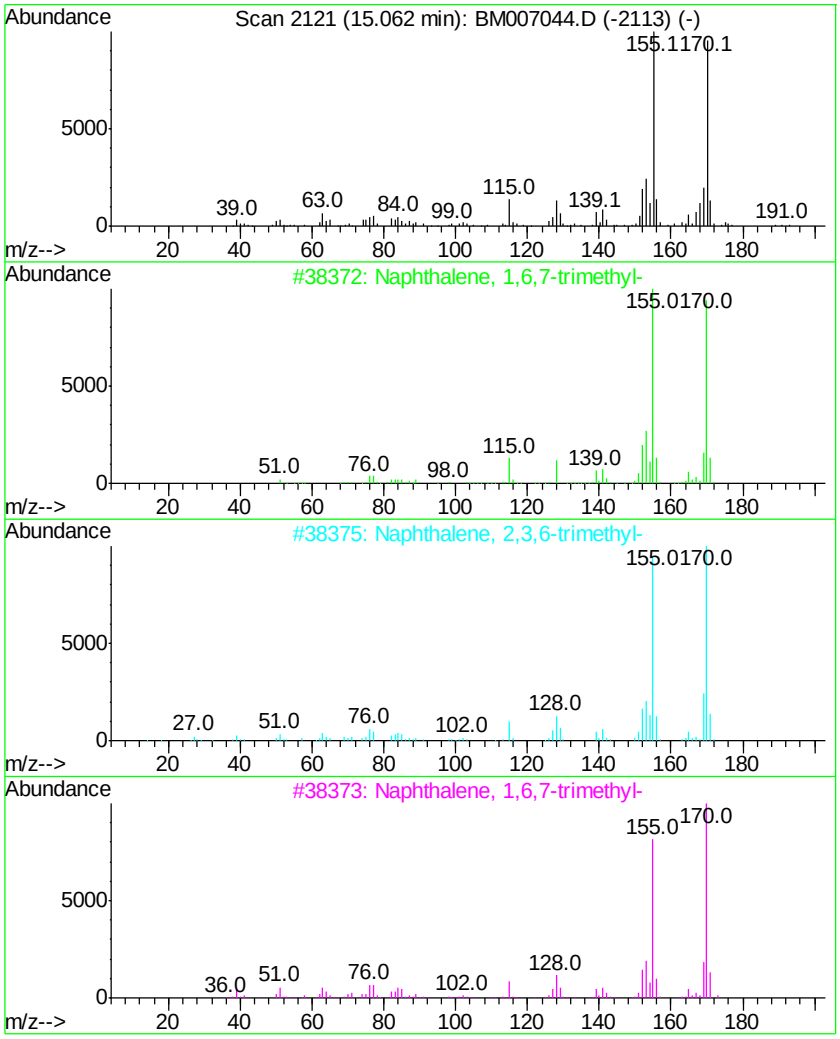
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

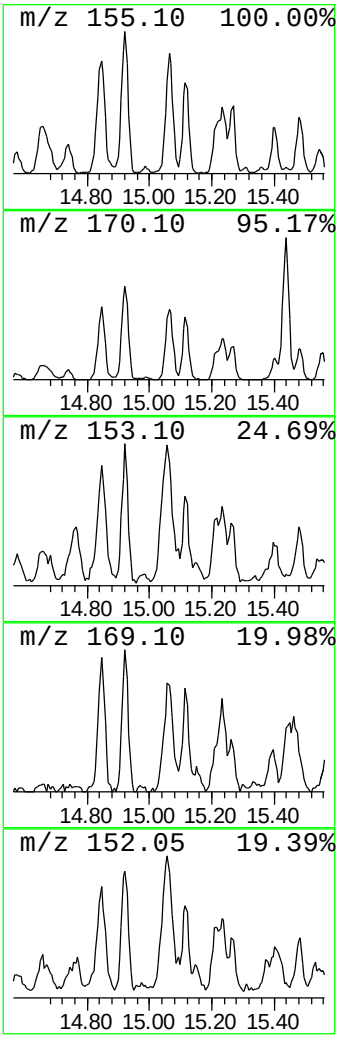
****

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.23 ng/ul	598902	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

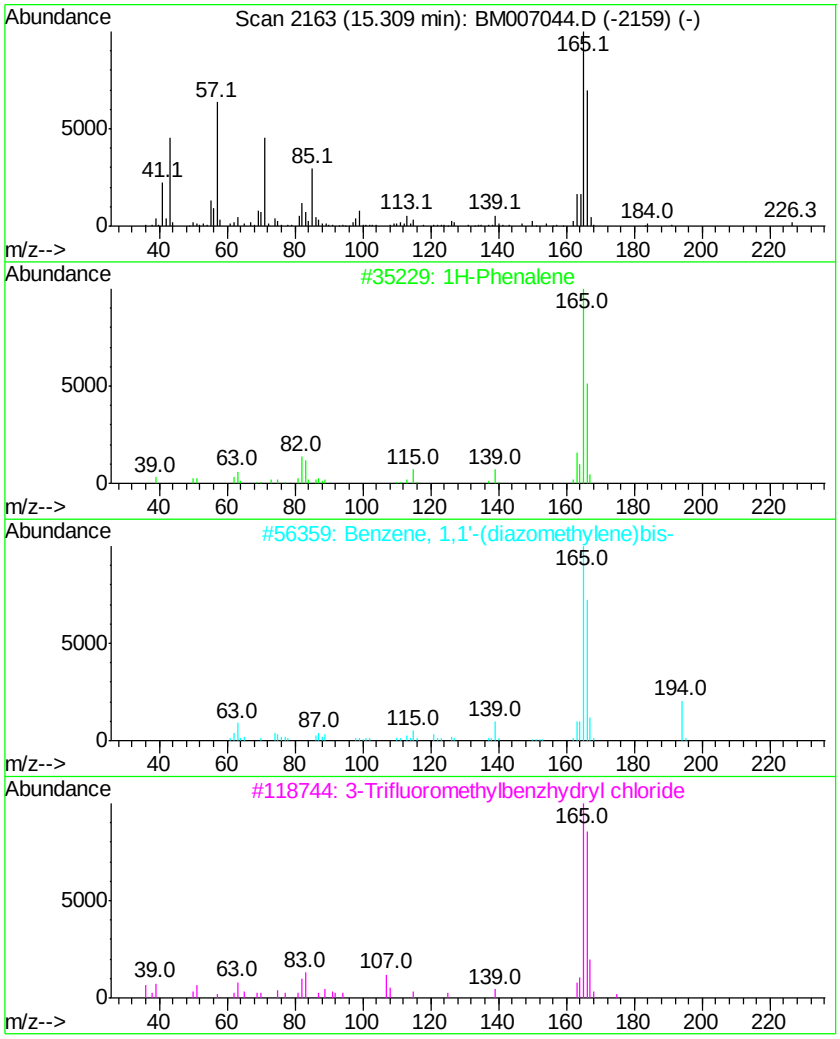
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

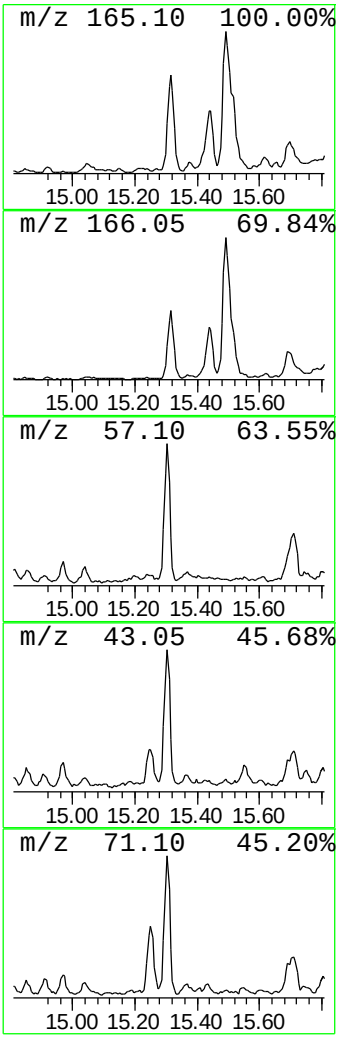
****

Peak Number 5 1H-Phenalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.56 ng/ul	473861	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	50
2	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	50
3	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	50
4	Fluorene	166	C13H10	000086-73-7	46
5	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

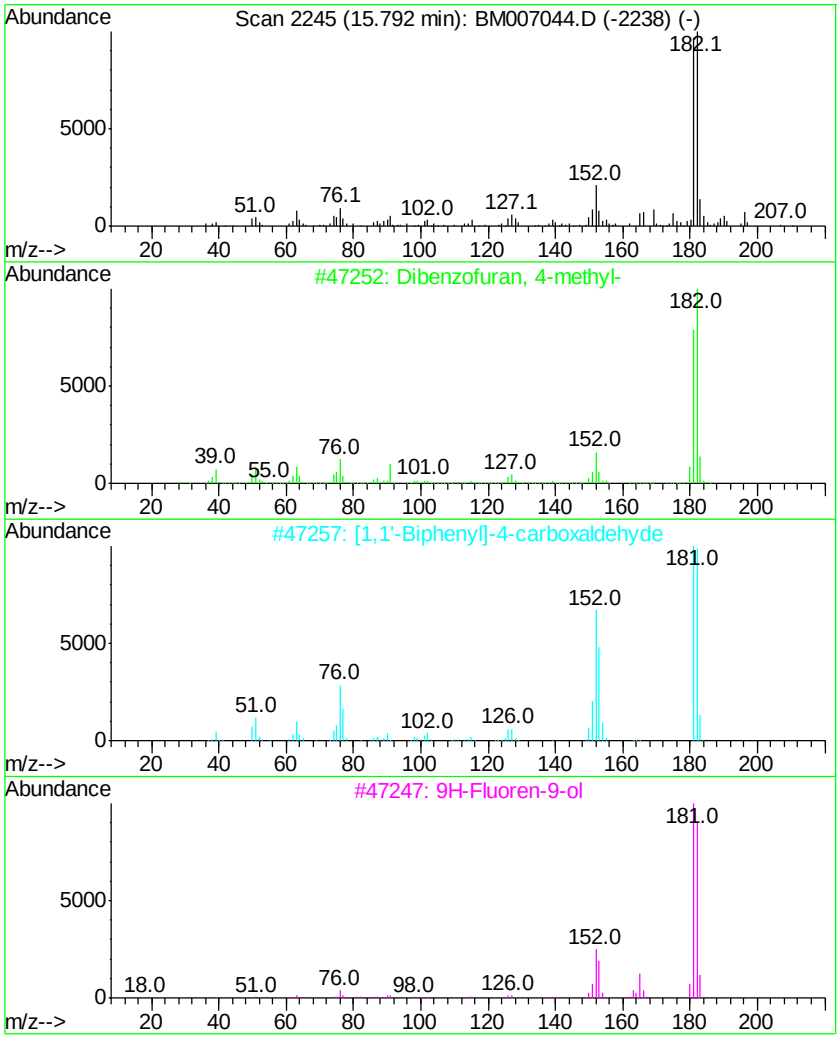
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

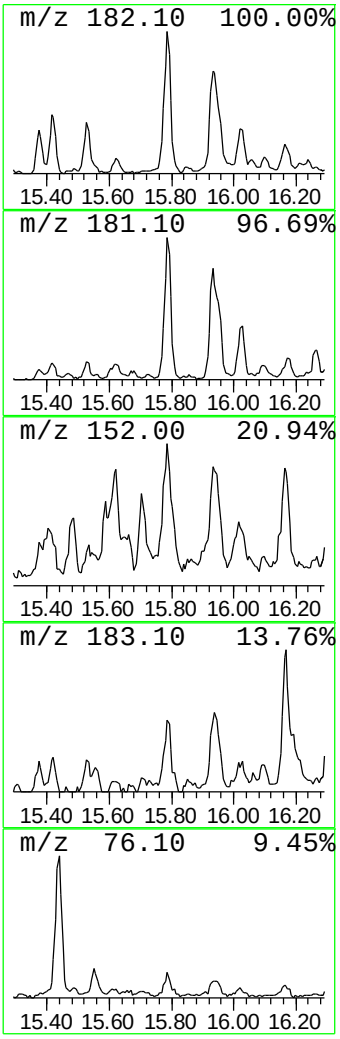
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.09 ng/ul	387689	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	59





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Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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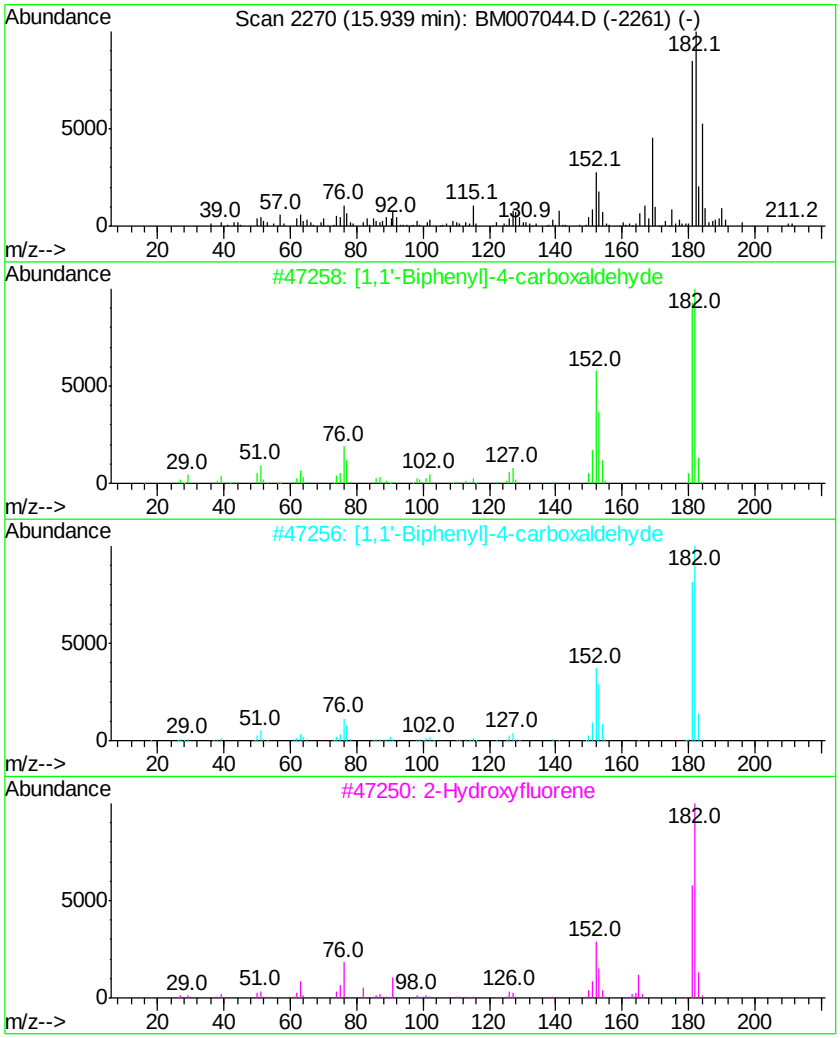
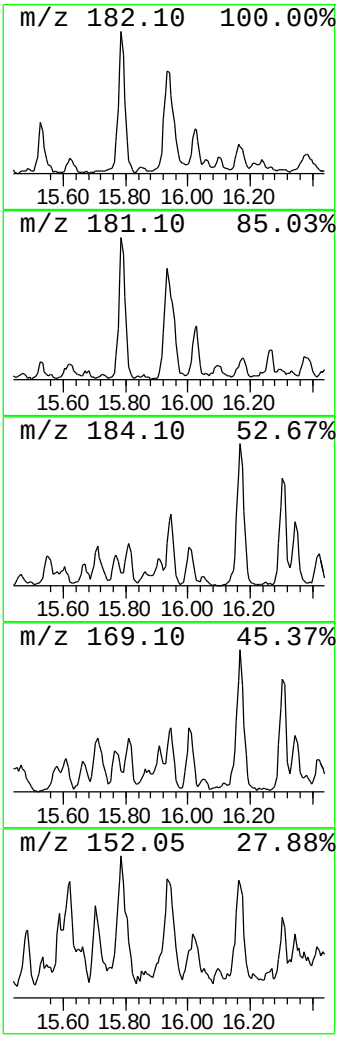
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.28 ng/ul	454547	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49





Library Search Compound Report

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Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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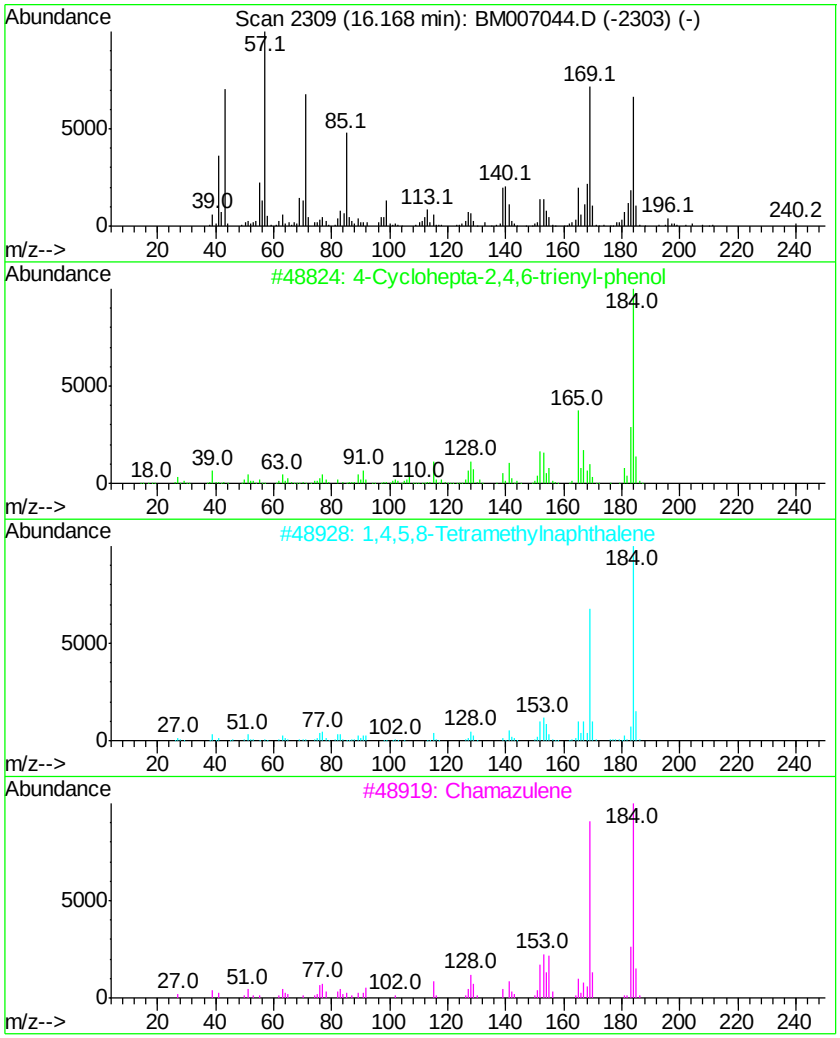
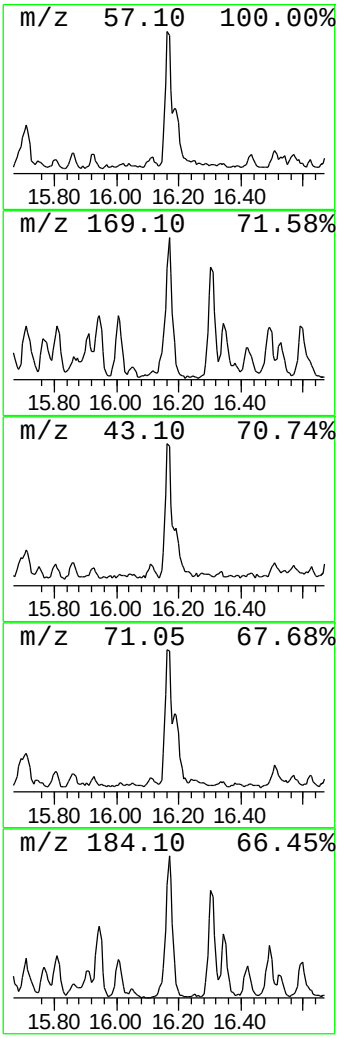
Peak Number 8 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	4.30 ng/ul	857666	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	90
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	74
3	Chamazulene	184	C14H16	000529-05-5	59
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	47
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	42





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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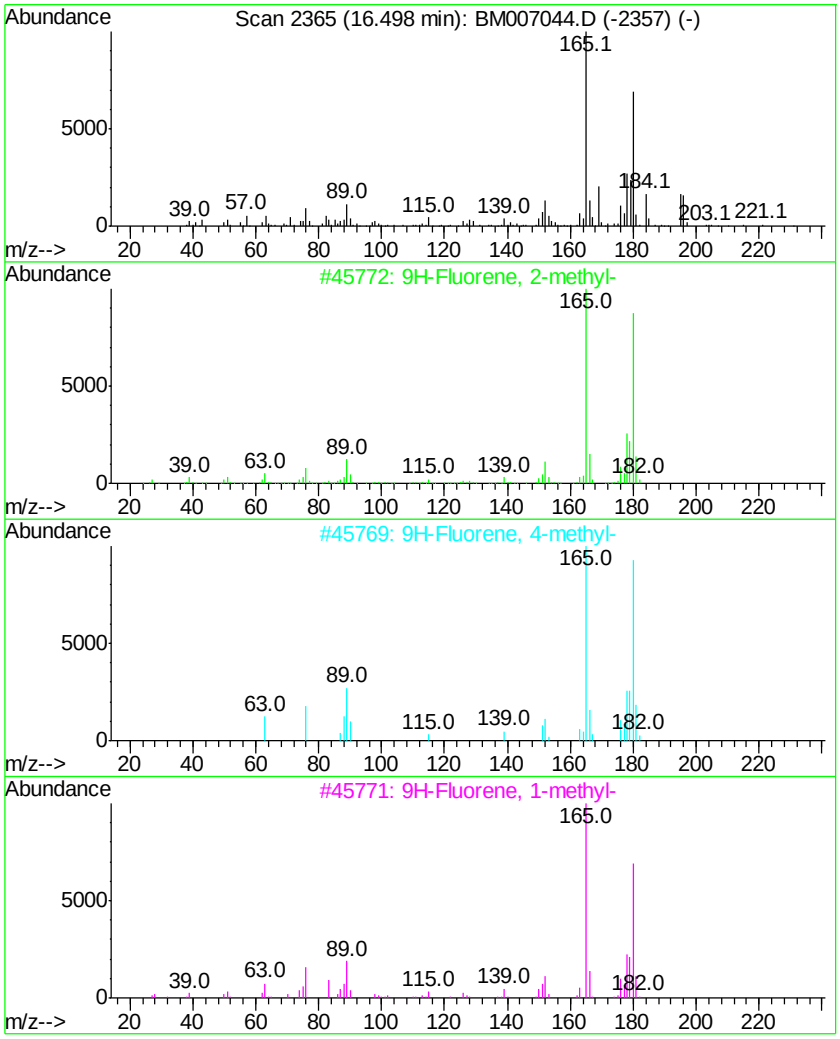
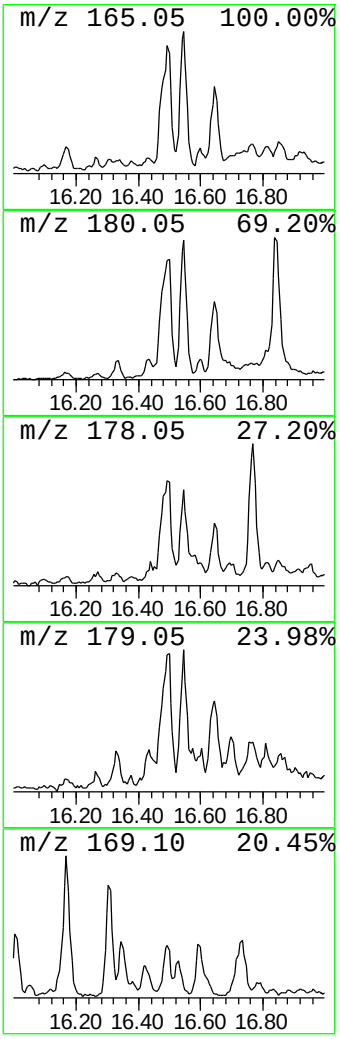
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.16 ng/ul	630058	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	60
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	58
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55





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Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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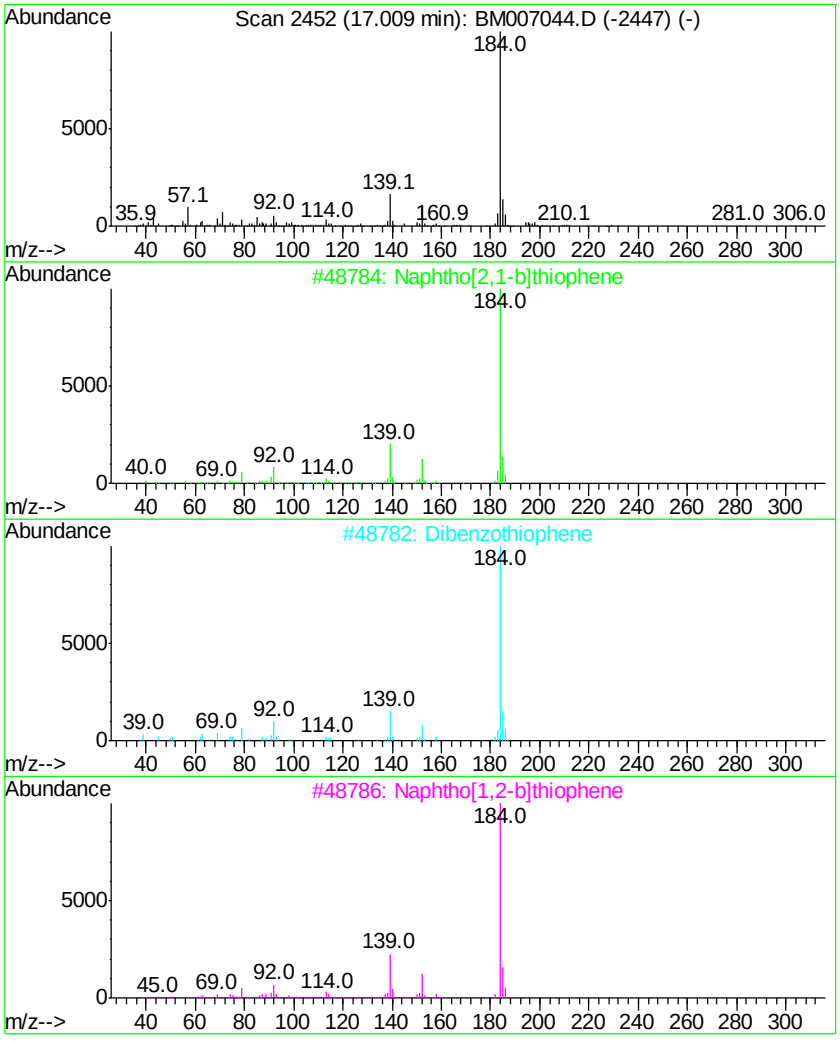
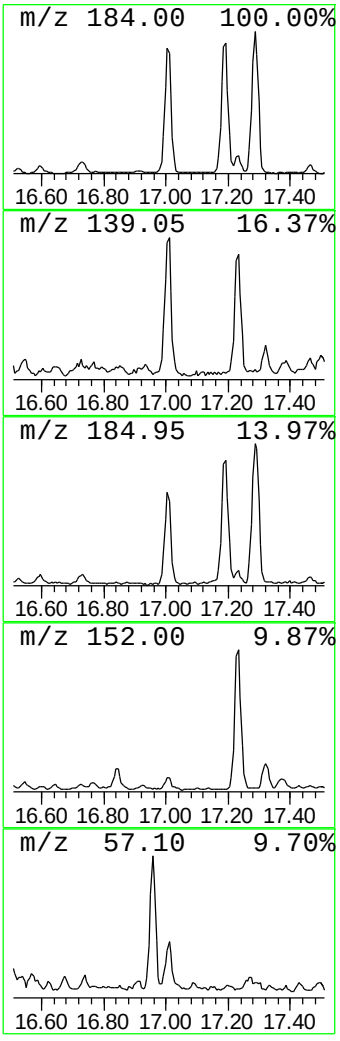
Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.58 ng/ul	713416	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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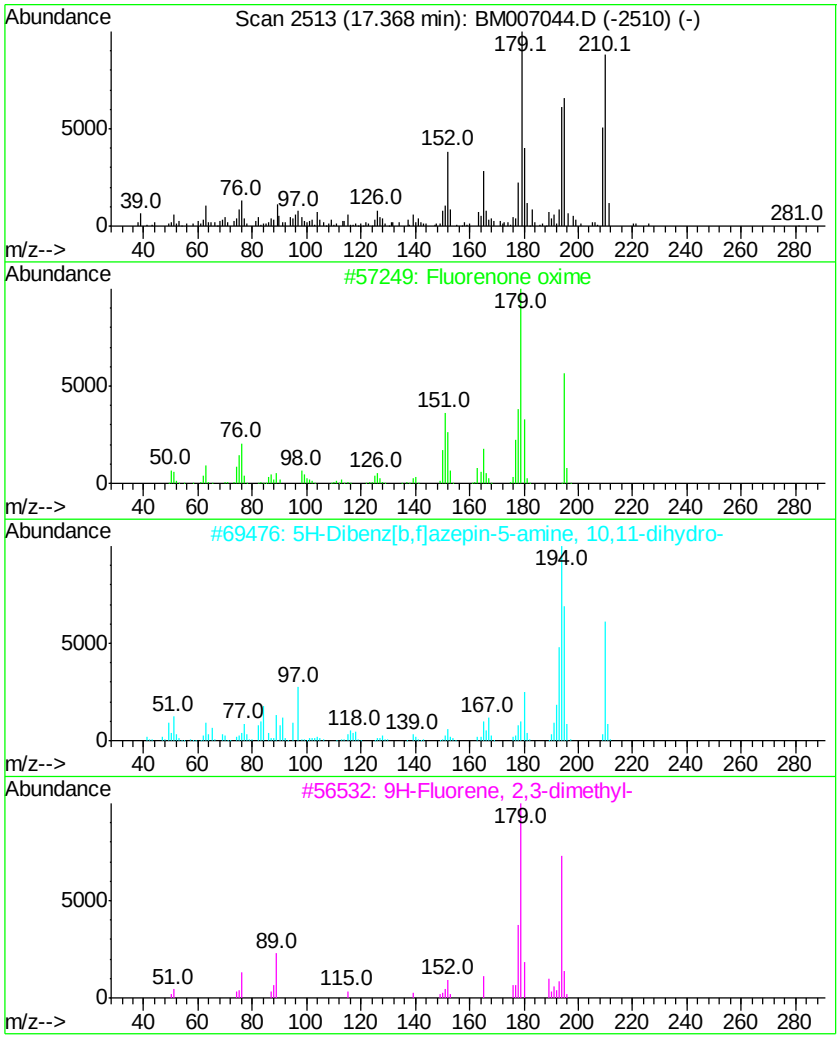
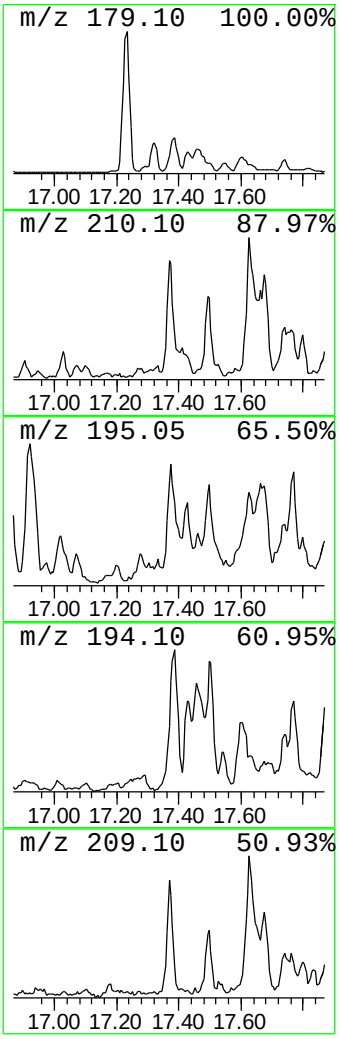
Peak Number 11 Fluorenone oxime Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.79 ng/ul	556550	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorenone oxime	195	C13H9NO	002157-52-0	64
2	5H-Dibenz[b,f]azepin-5-amine, 10...	210	C14H14N2	007458-07-3	50
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	47
4	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	46
5	5H-Dibenz[b,e]azepine, 6,11-dihy...	195	C14H13N	000449-55-8	38





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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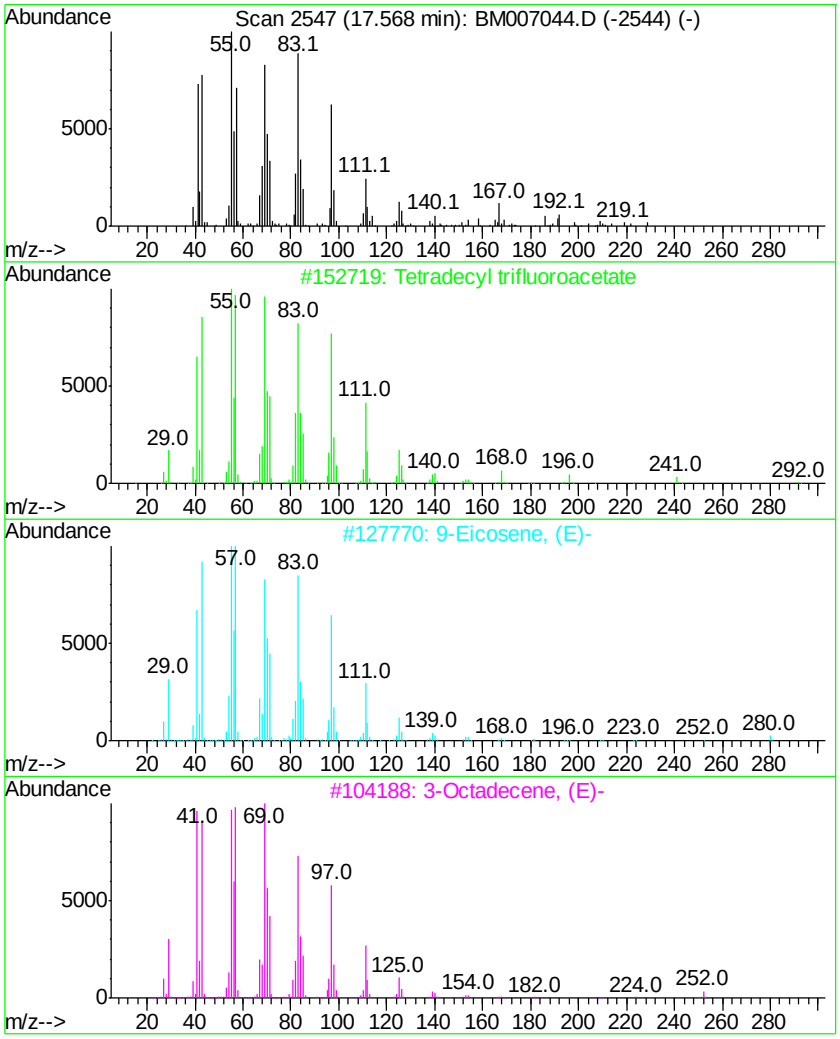
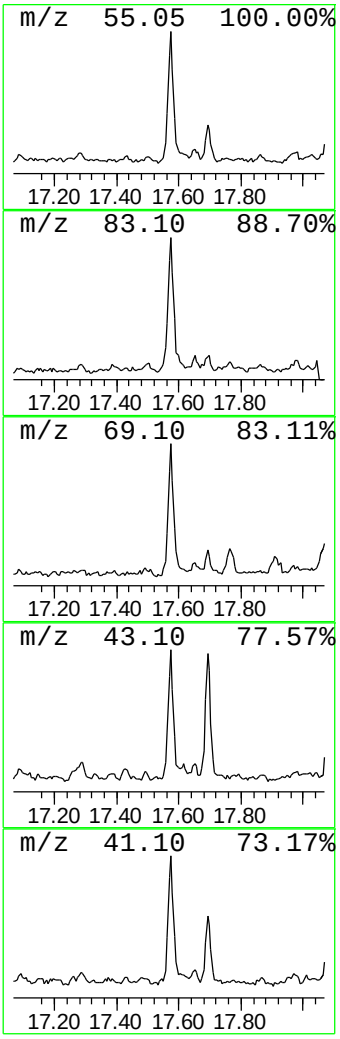
Peak Number 12 Tetradecyl trifluoroacetate Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.80 ng/ul	557562	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





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Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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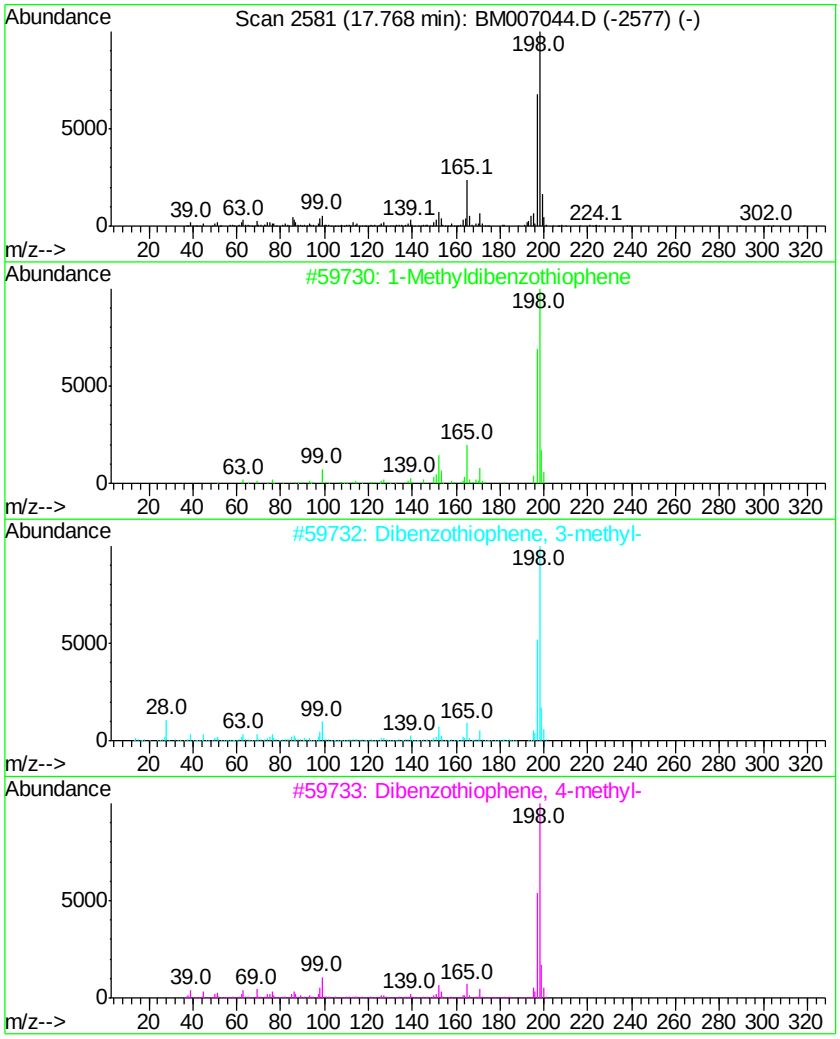
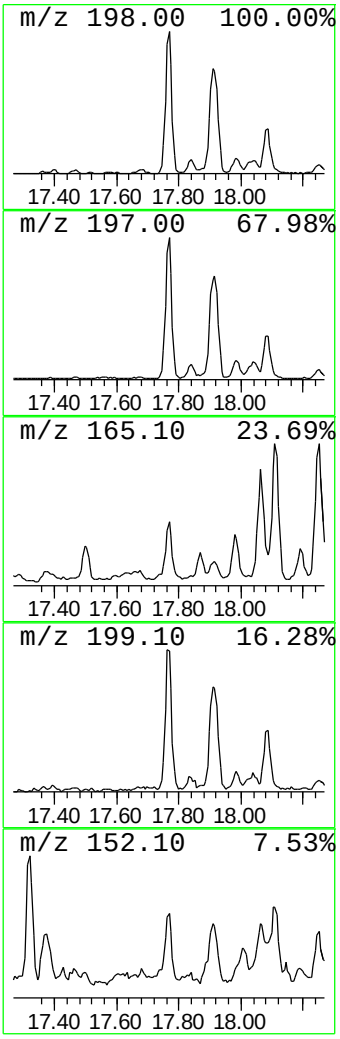
Peak Number 13 1-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.92 ng/ul	979497	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
5	Tacrine	198	C13H14N2	000321-64-2	64





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Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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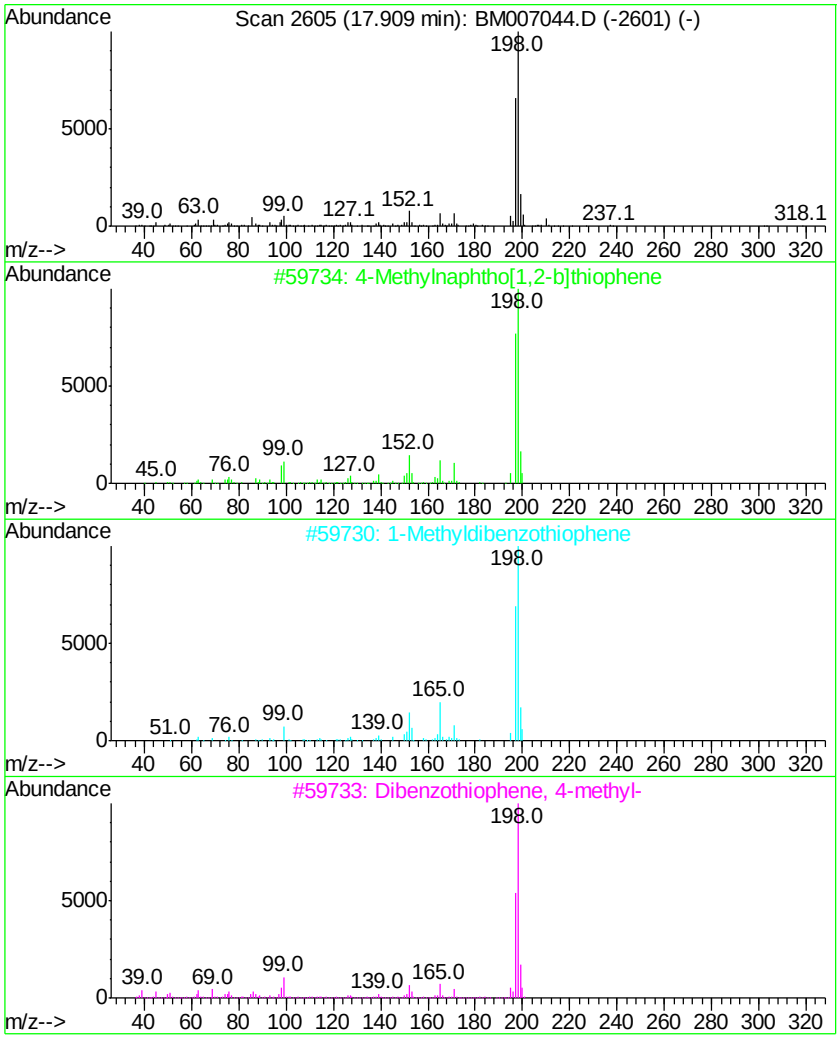
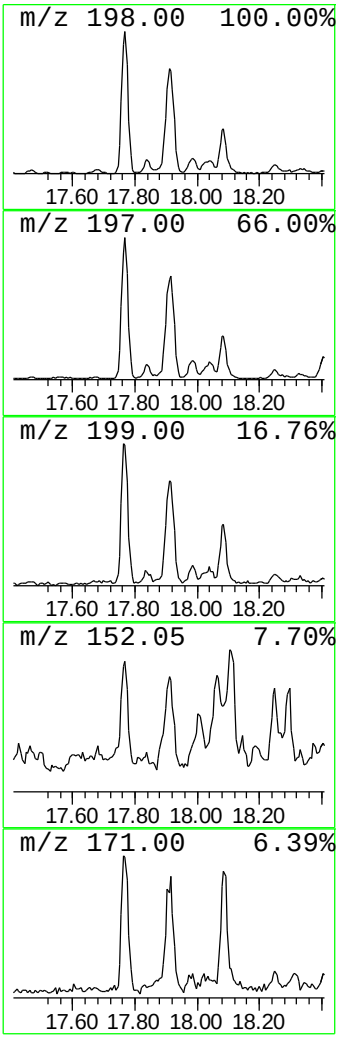
Peak Number 14 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.39 ng/ul	675531	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Tacrine	198	C13H14N2	000321-64-2	80
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	78





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Sample : H4387-06
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Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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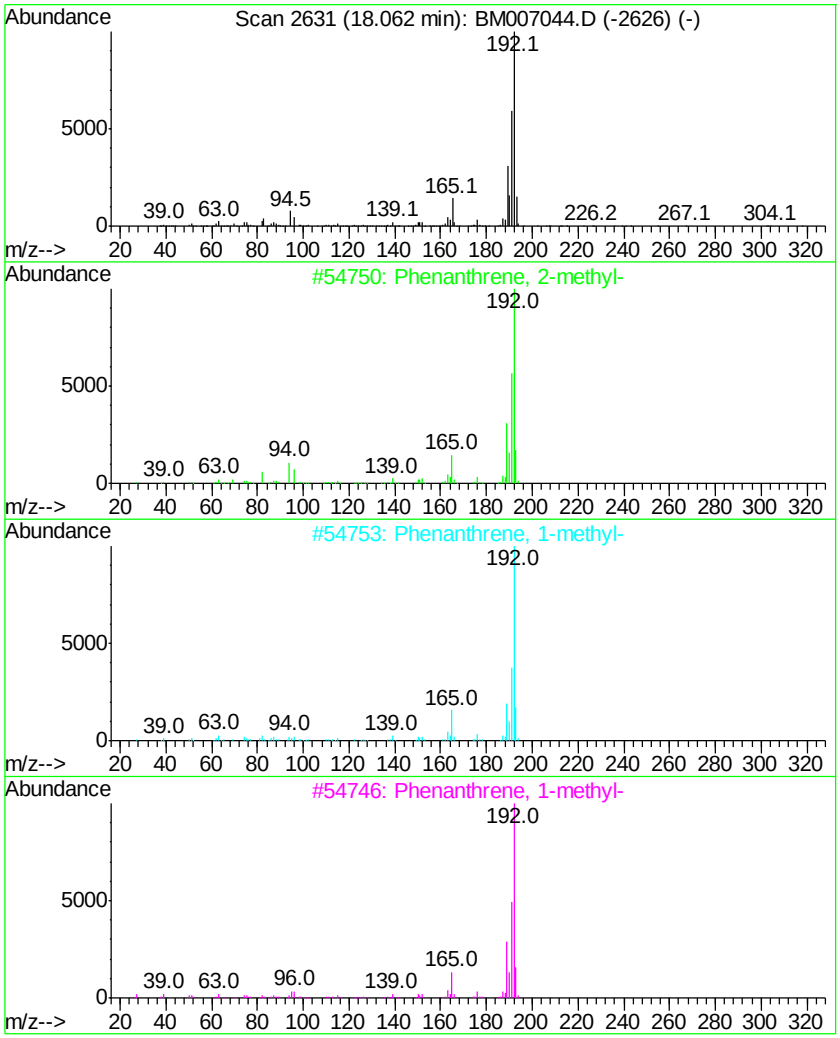
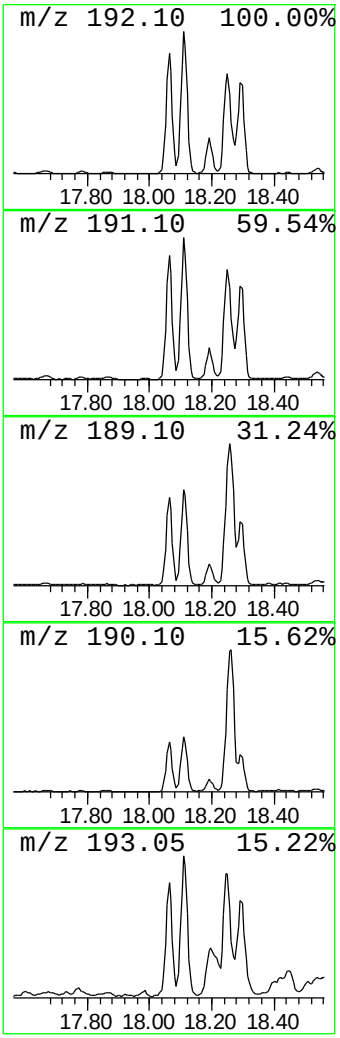
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	17.03 ng/ul	3392960	Phenanthrene-d10	17.19

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





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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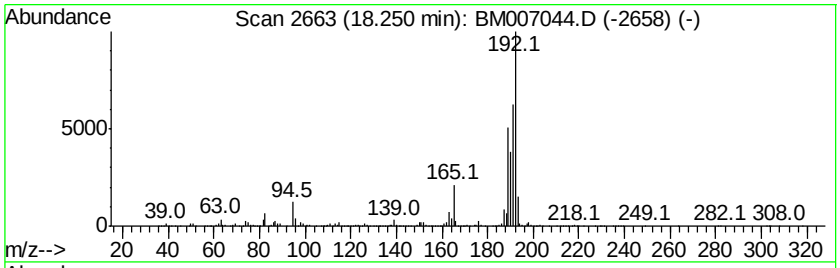
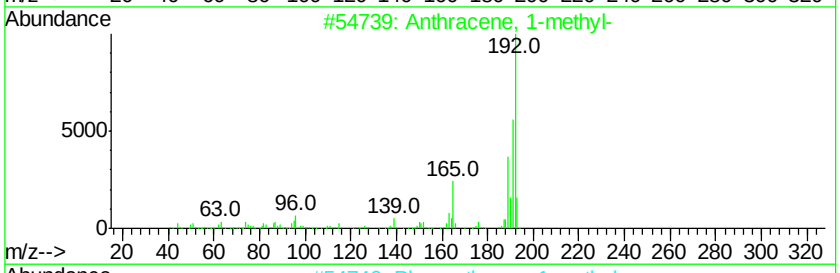
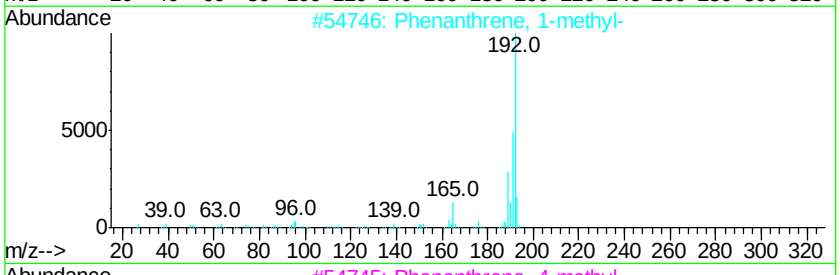
Peak Number 18 Anthracene, 1-methyl- Concentration Rank 2

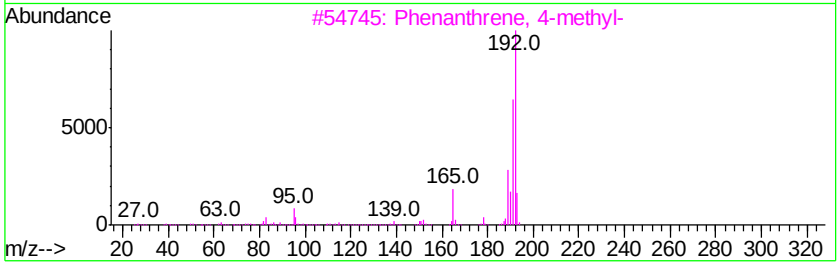
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	17.70 ng/ul	3525630	Phenanthrene-d10	17.19

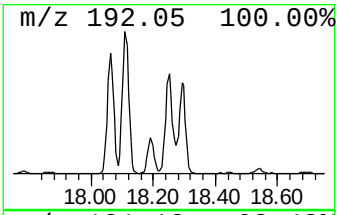
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78

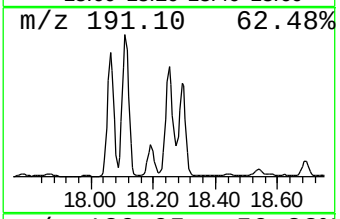


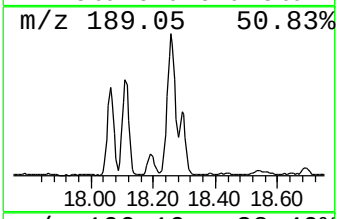


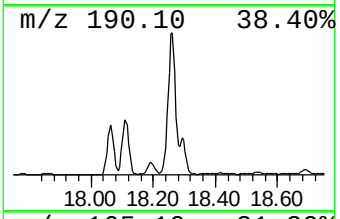


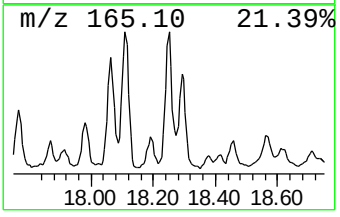












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Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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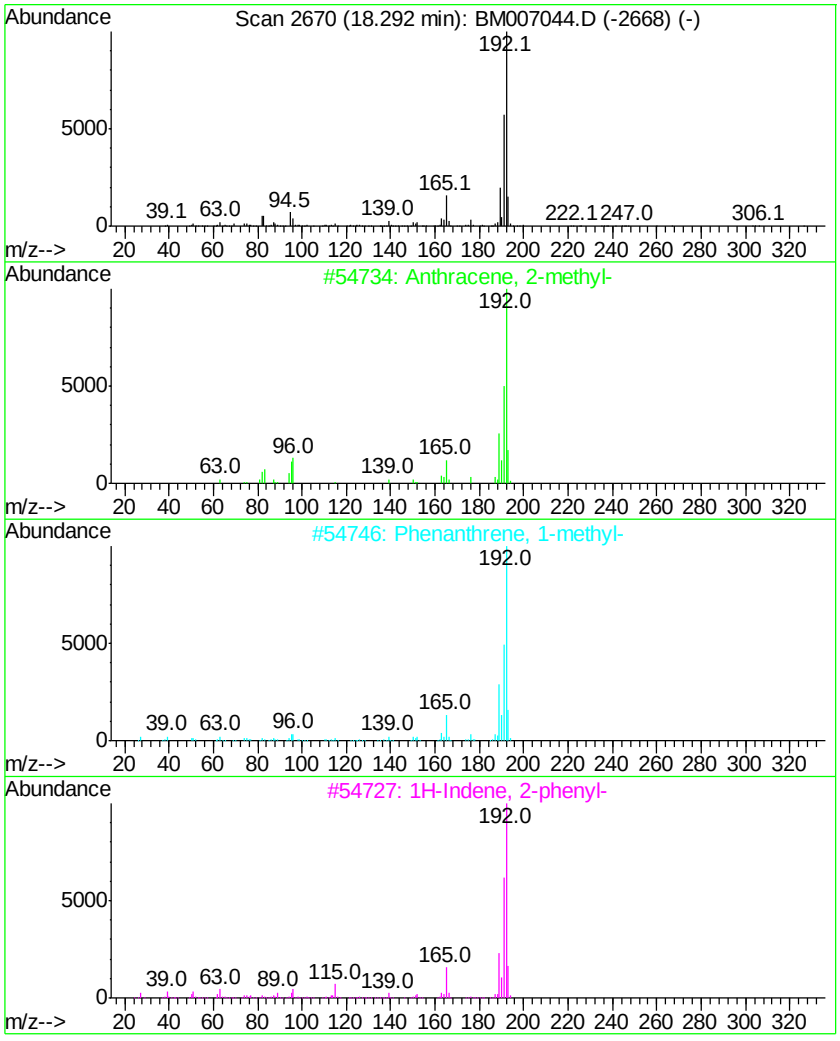
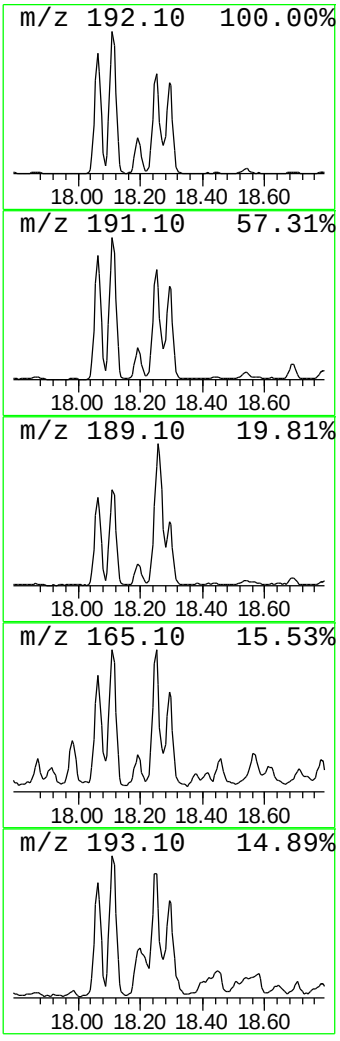
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	9.00 ng/ul	1792950	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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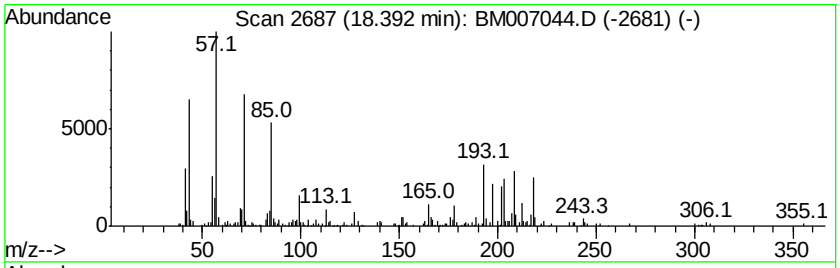
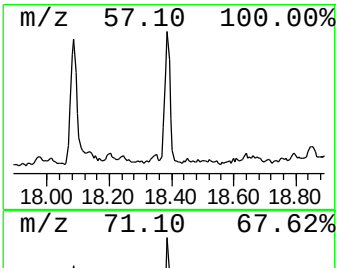
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.23 ng/ul	444714	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	55
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46
3	Hexadecane	226	C16H34	000544-76-3	42
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	41
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	41





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Sample : H4387-06
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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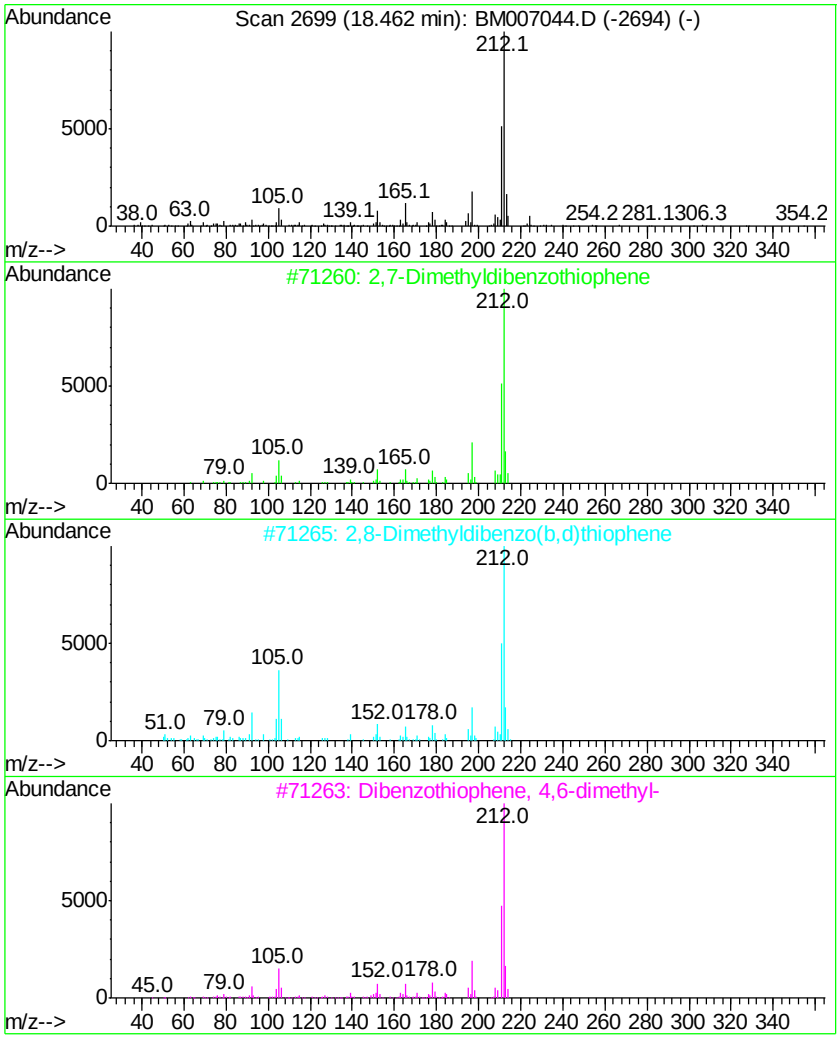
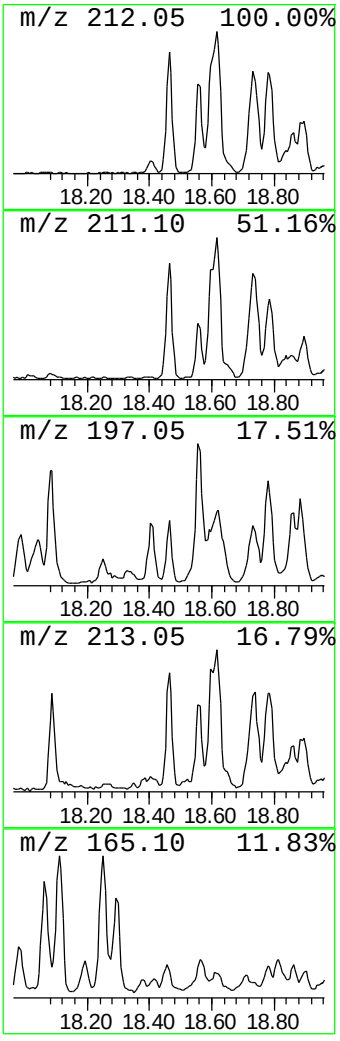
Peak Number 21 2,7-Dimethyldibenzothiophene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.84 ng/ul	566623	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	95
2	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	94
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	94
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	83





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Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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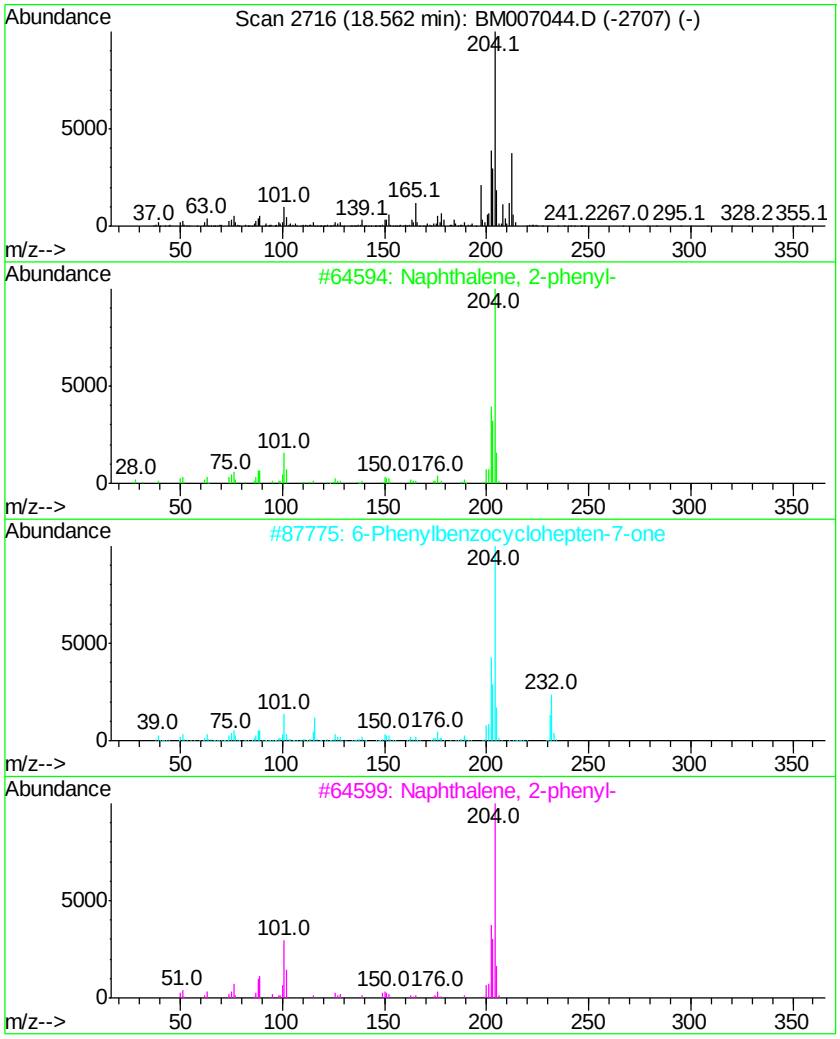
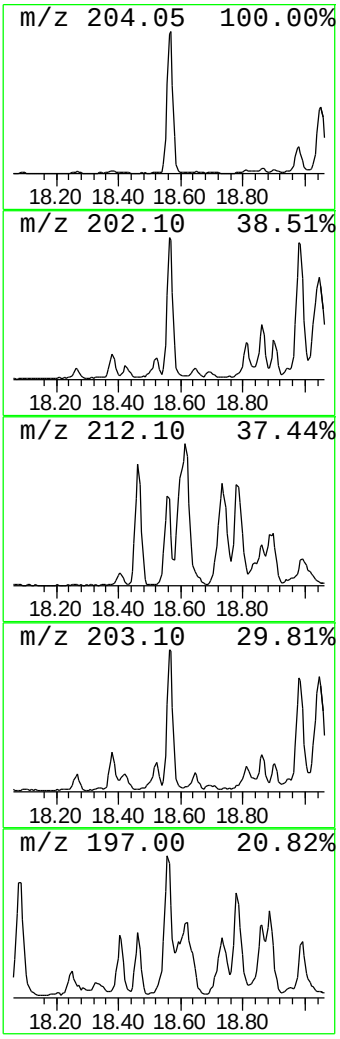
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	7.76 ng/ul	1546470	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	53
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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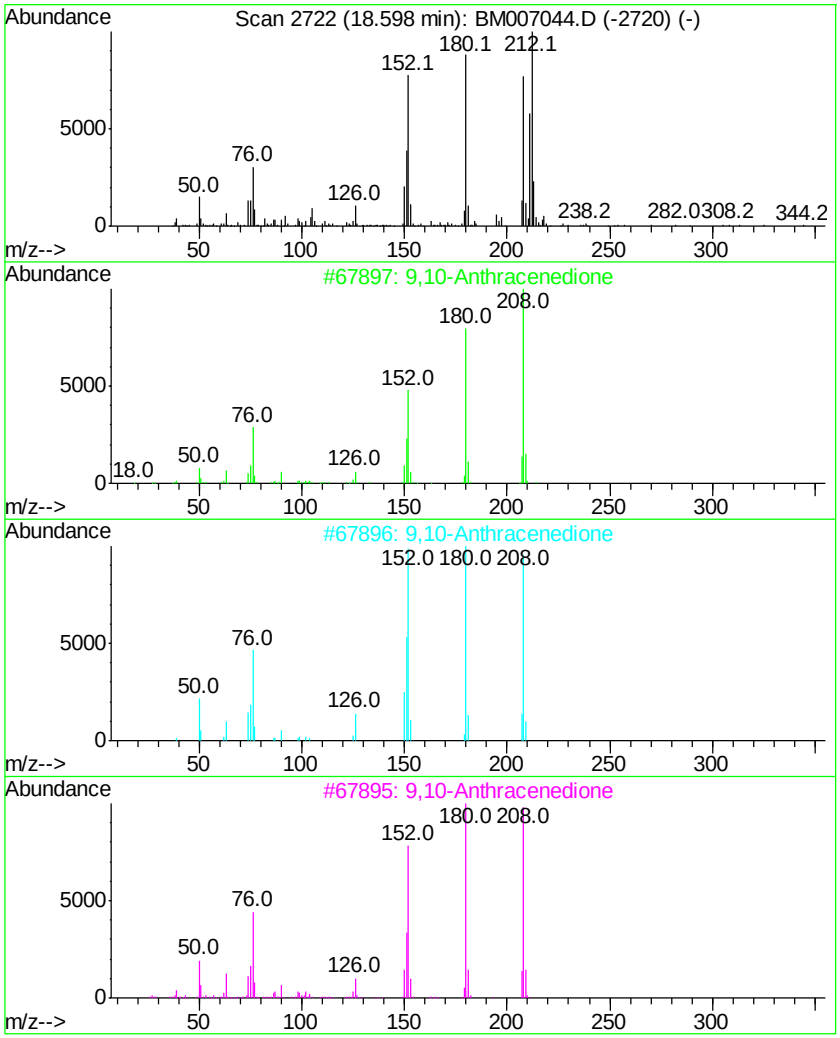
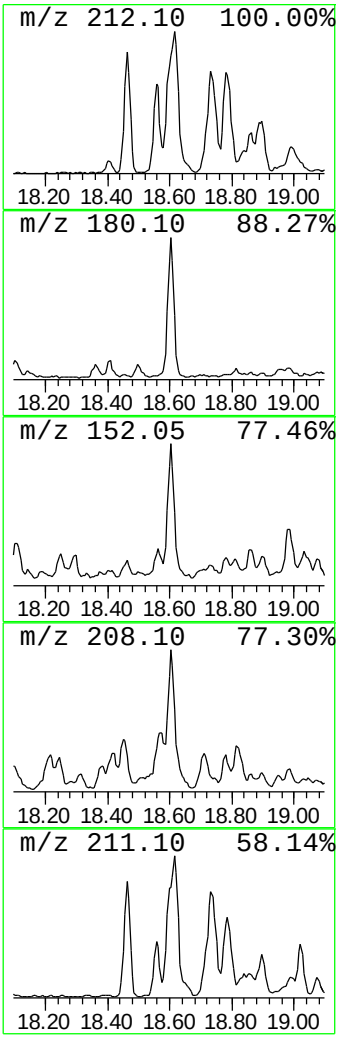
Peak Number 23 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	7.67 ng/ul	1528470	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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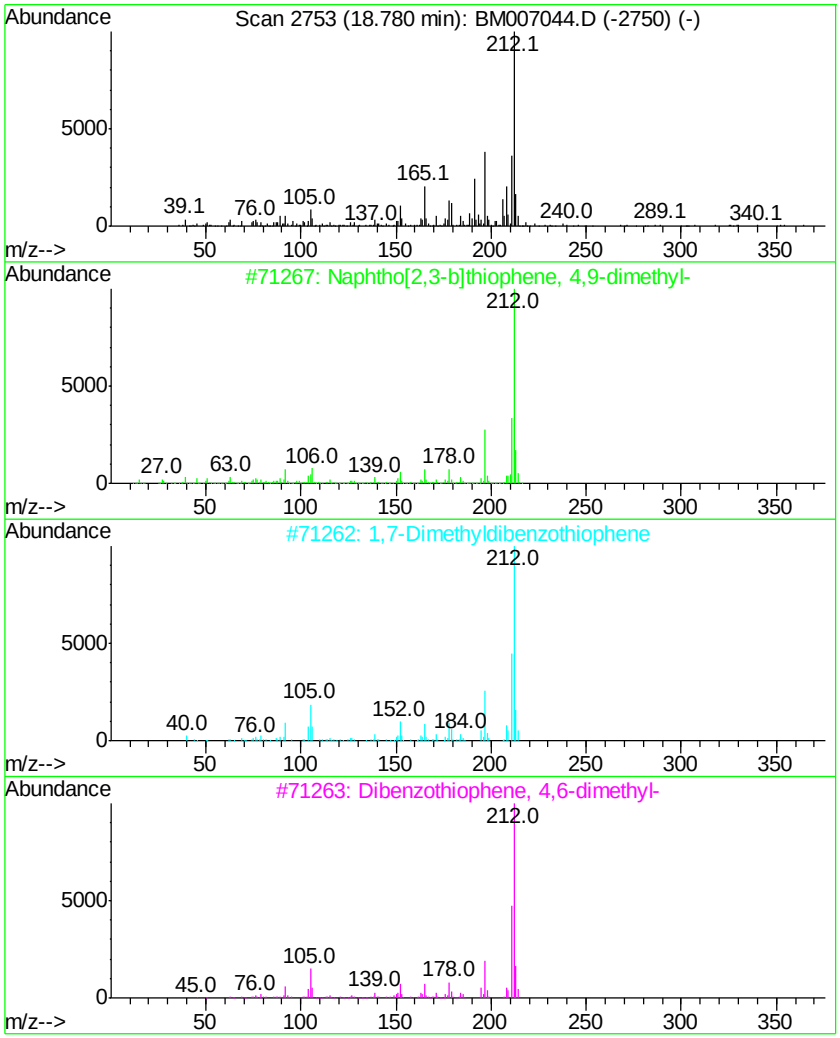
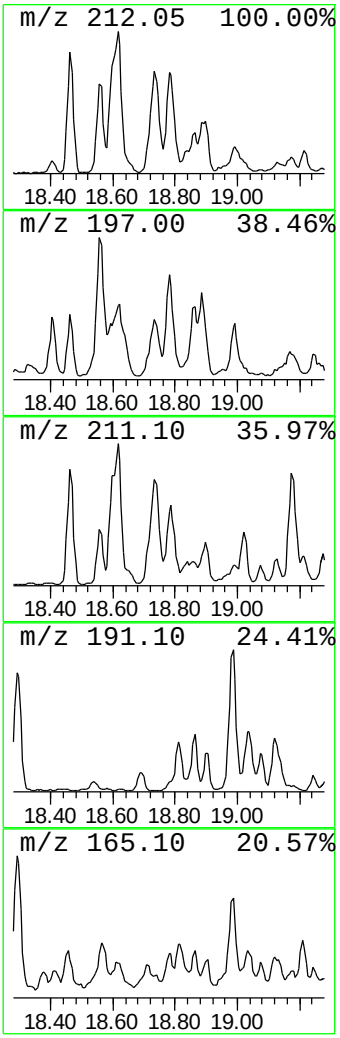
Peak Number 24 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	2.33 ng/ul	463498	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	86
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	60
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	53
4	9-Acridinamine, 1,2,3,4-tetrahyd...	212	C14H16N2	1000337-15-9	52
5	Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	47





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Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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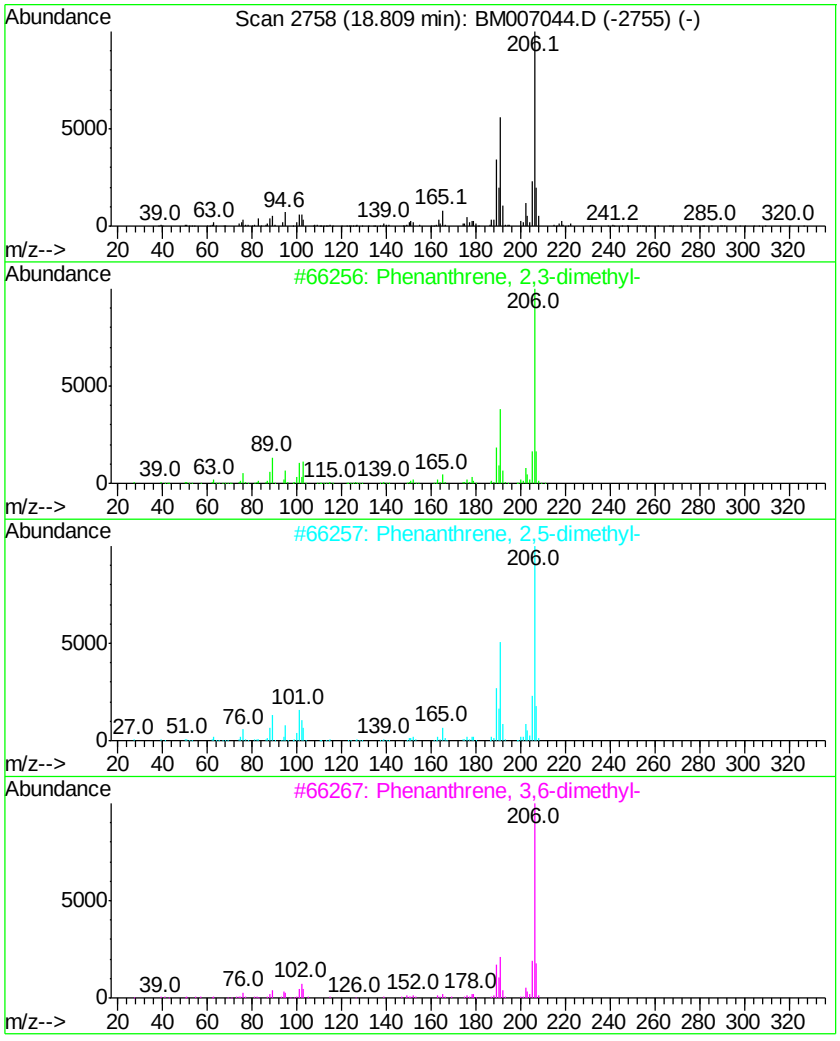
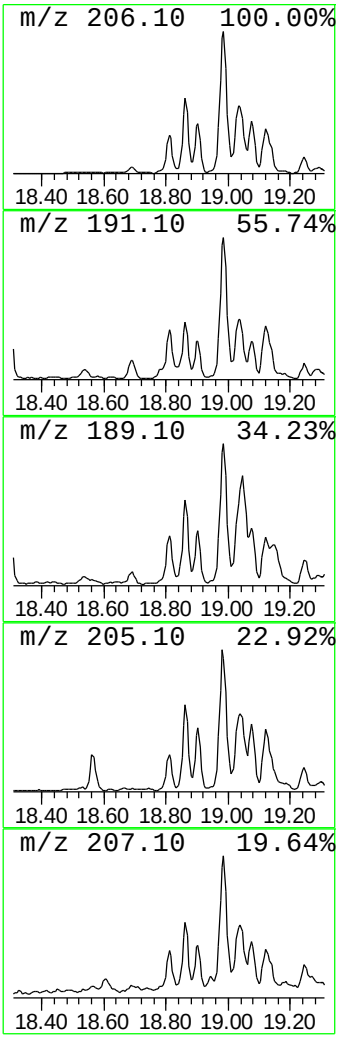
Peak Number 25 Phenanthrene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	5.05 ng/ul	1005180	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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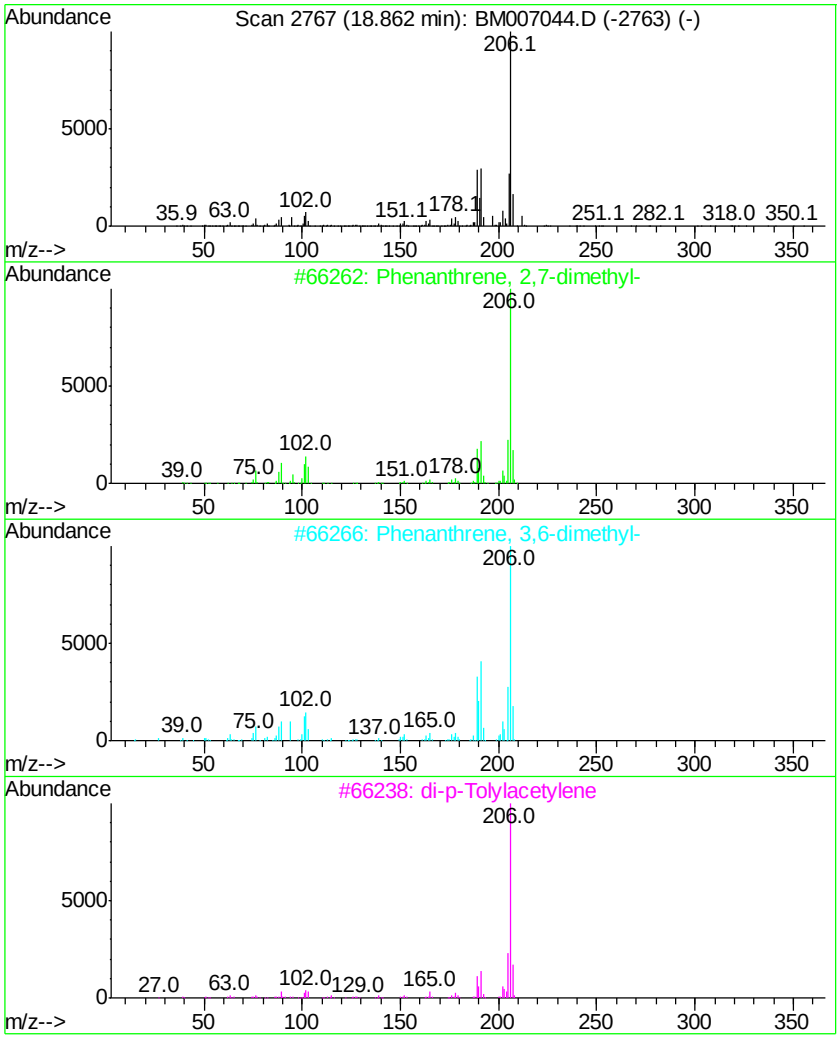
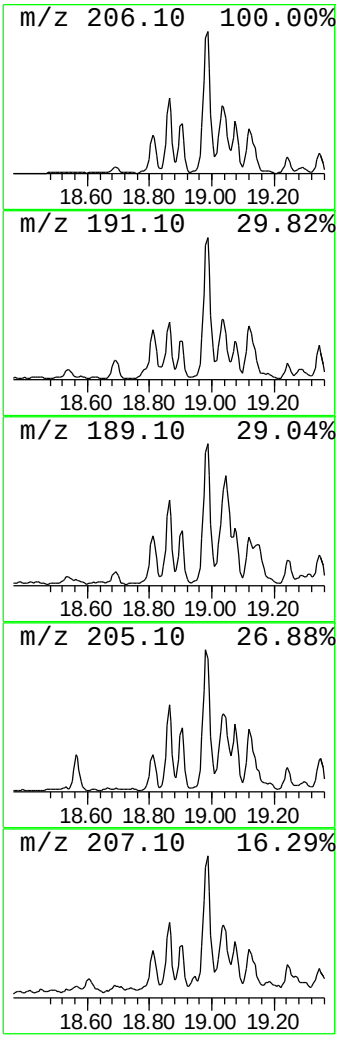
Peak Number 26 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	7.60 ng/ul	1515180	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Sample : H4387-06
Misc :
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Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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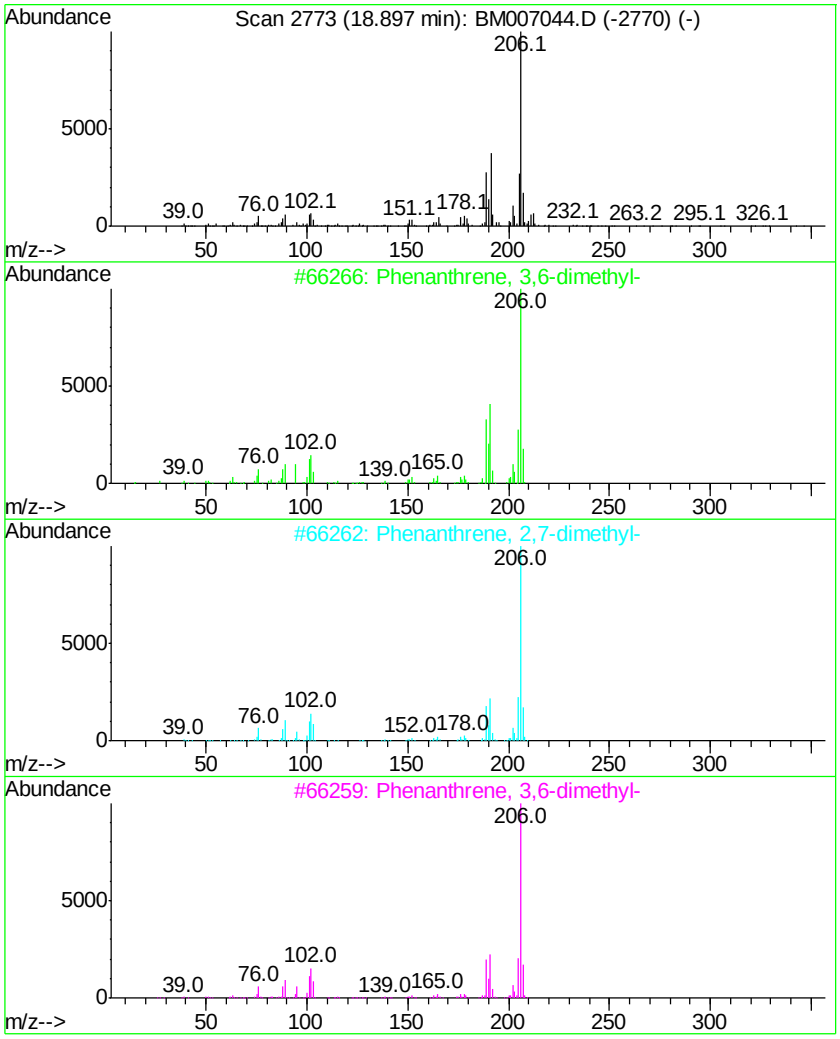
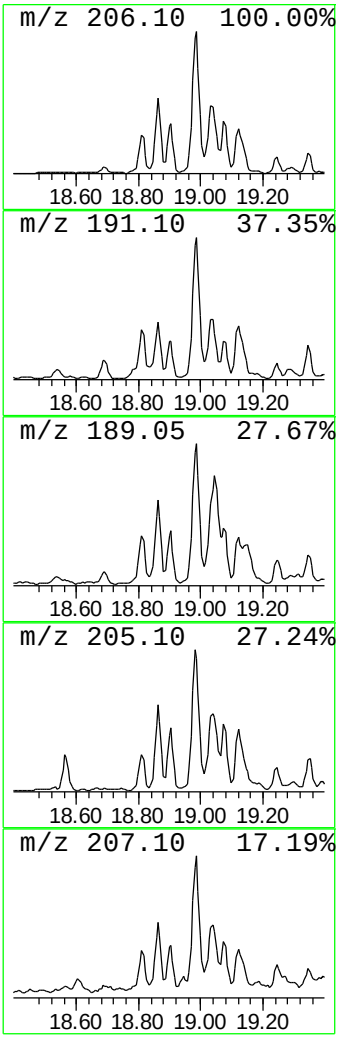
Peak Number 27 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	6.07 ng/ul	1208540	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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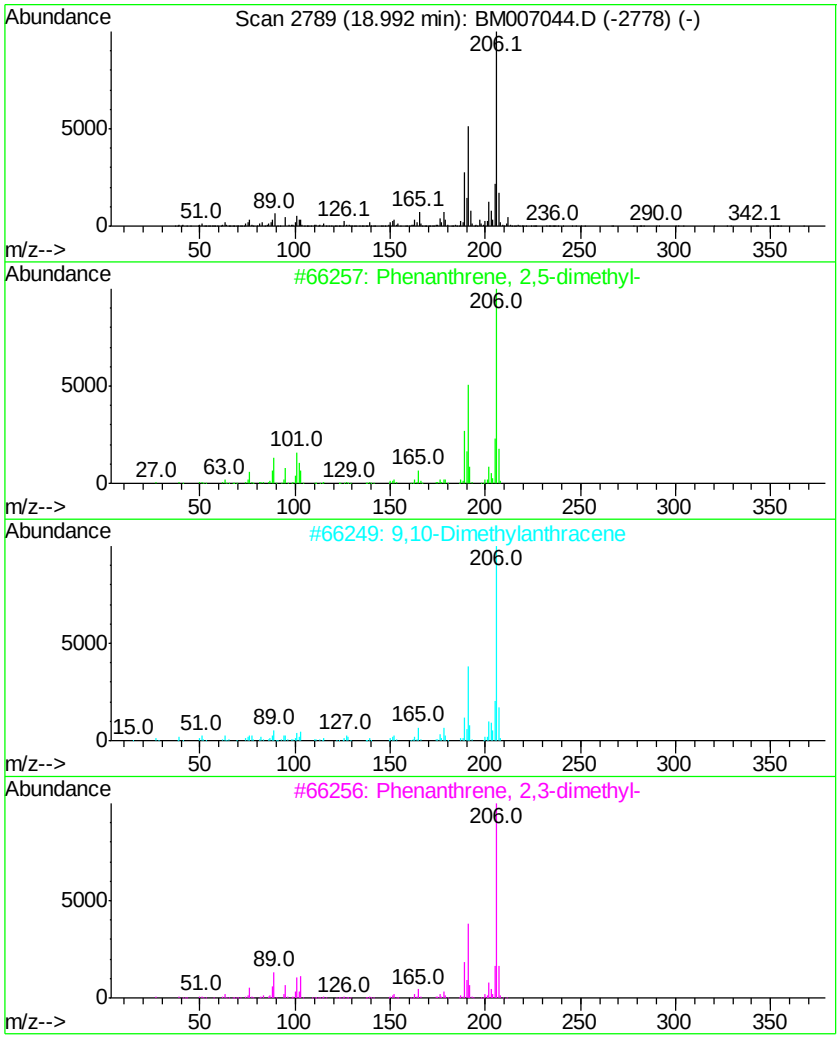
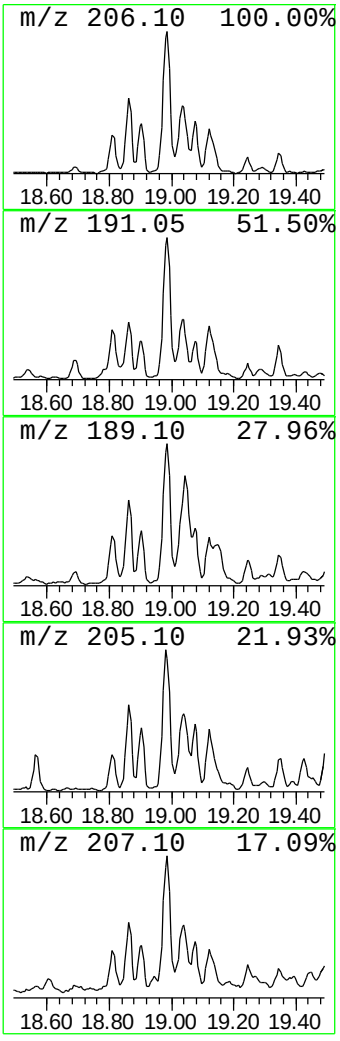
Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	21.31 ng/ul	4245740	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : P003-SS002-1218-01

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Quant Title : SVOA CALIBRATION

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

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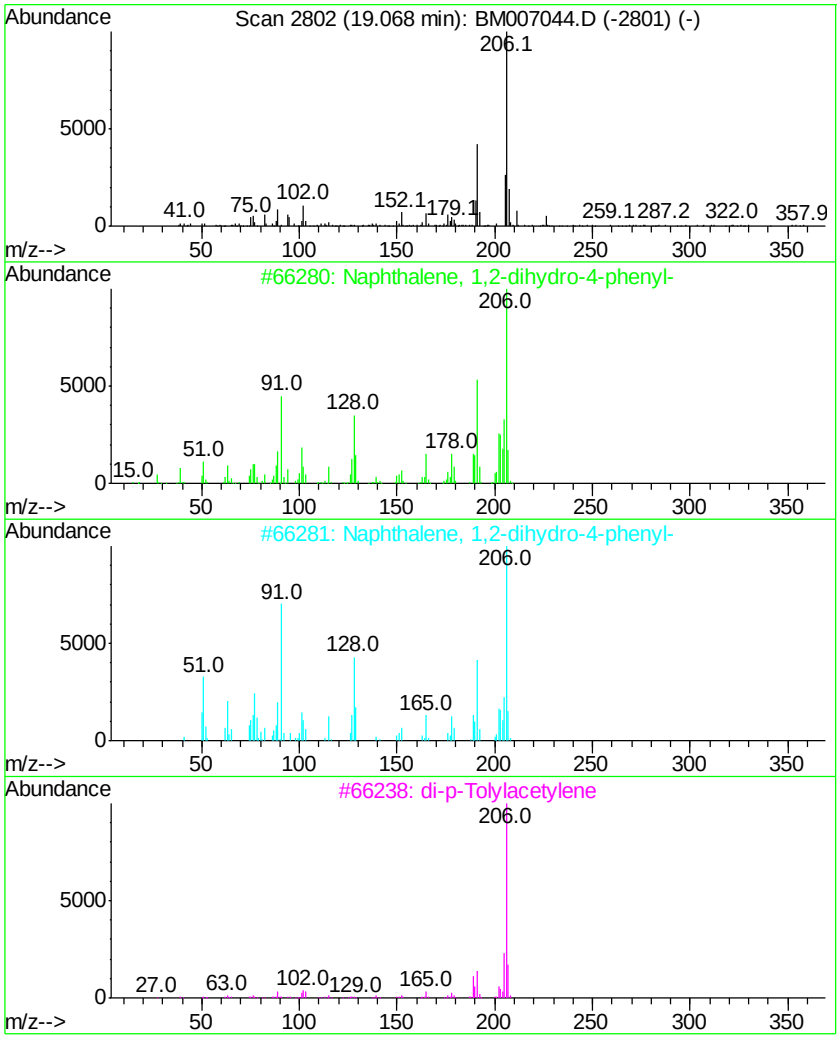
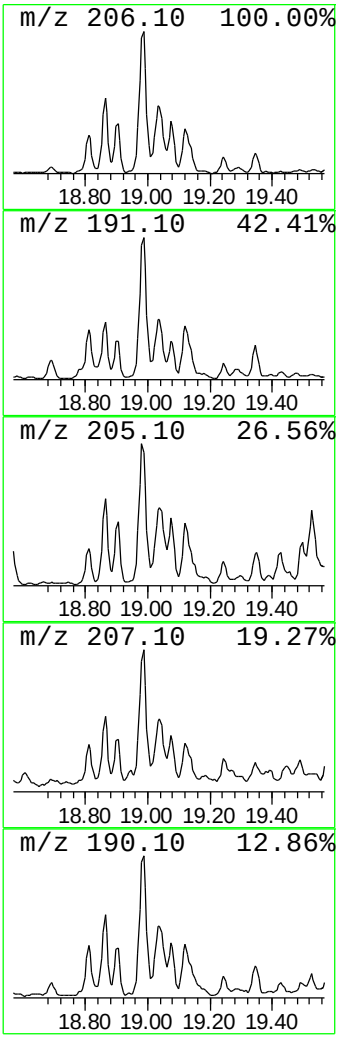
Peak Number 30 Naphthalene, 1,2-dihydro-4-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.58 ng/ul	912656	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	94
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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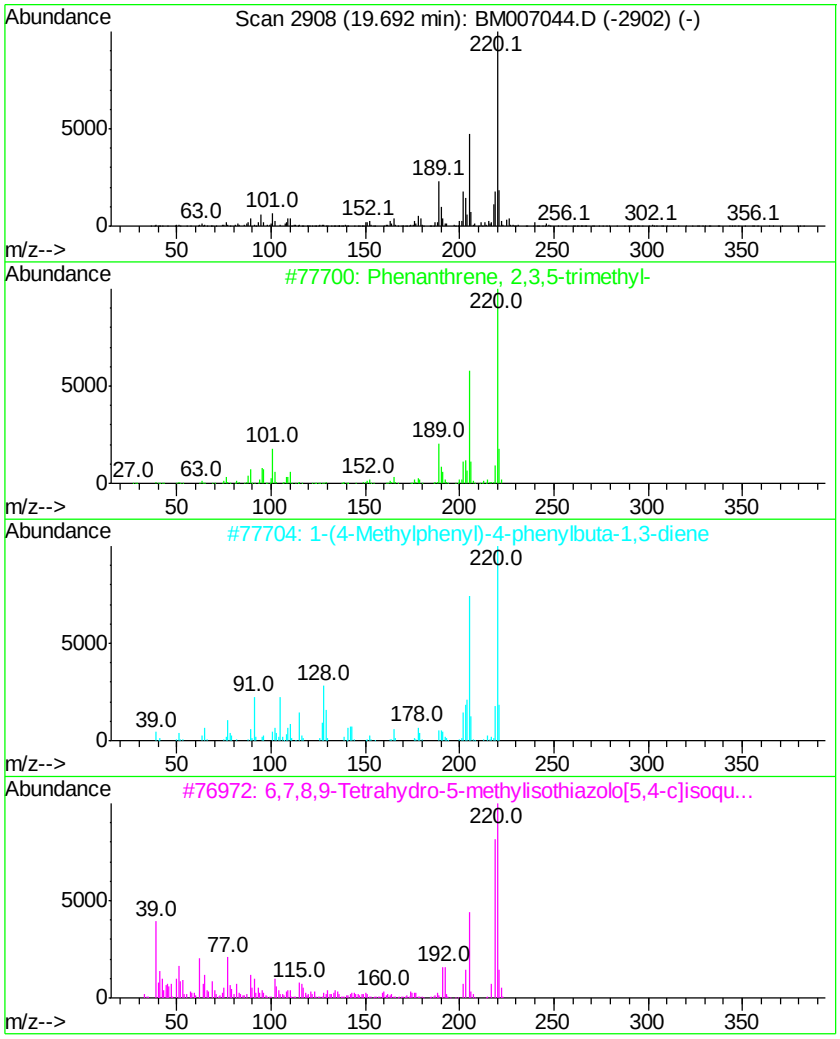
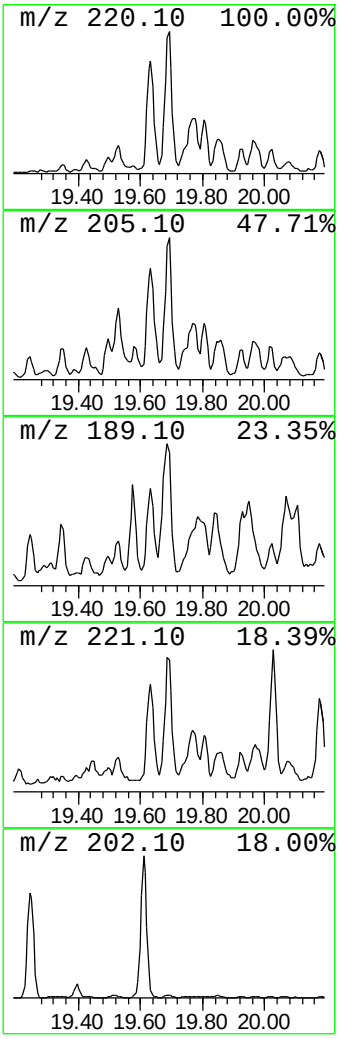
Peak Number 32 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.74 ng/ul	1955560	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	89
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	6,7,8,9-Tetrahydro-5-methylisoth...	220	C11H12N2OS	339156-87-5	50
4	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	47
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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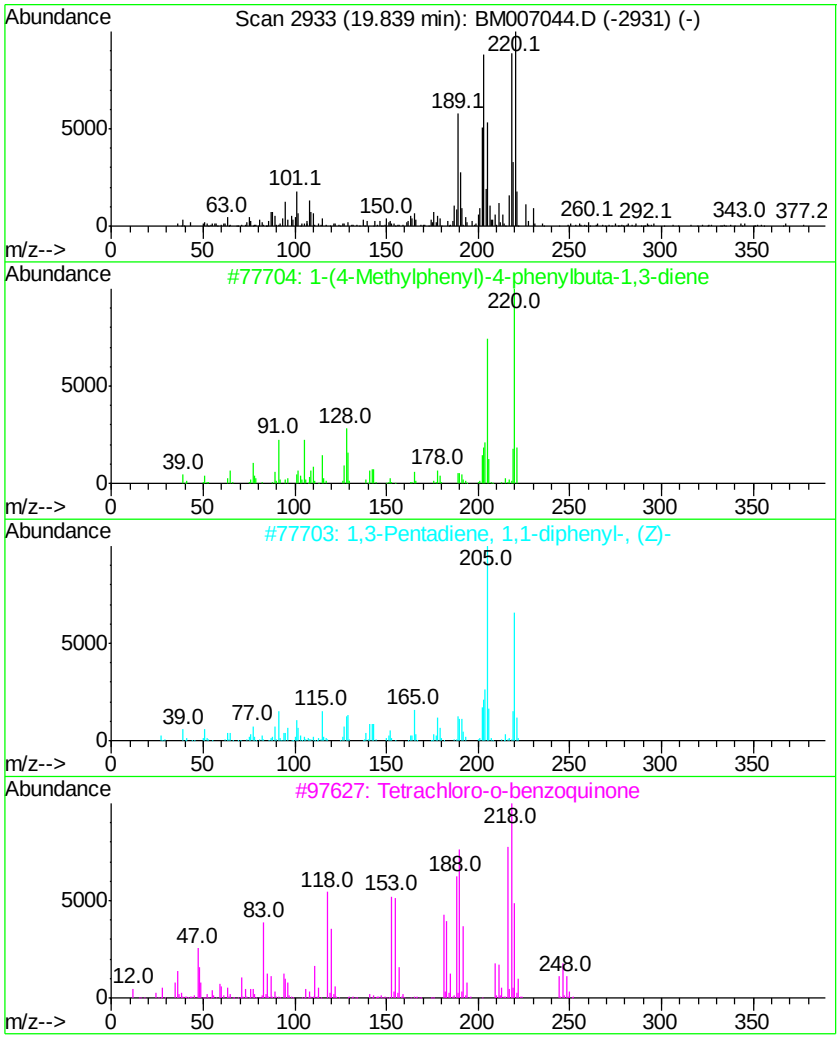
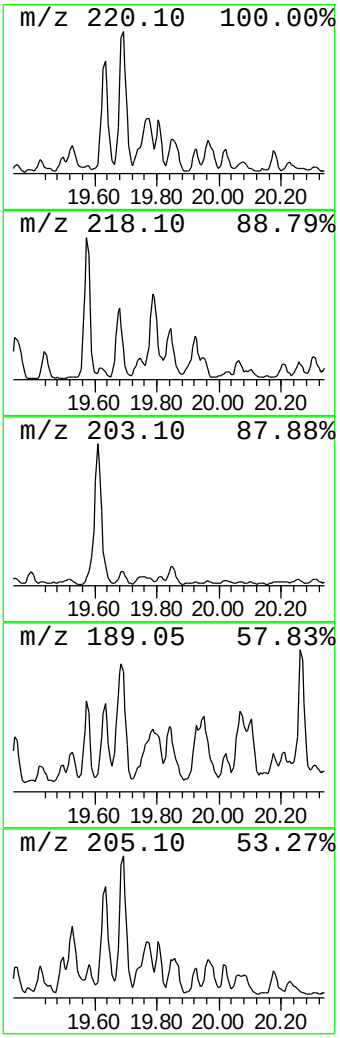
Peak Number 33 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.03 ng/ul	1060430	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	50
2	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	45
3	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	35
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	35
5	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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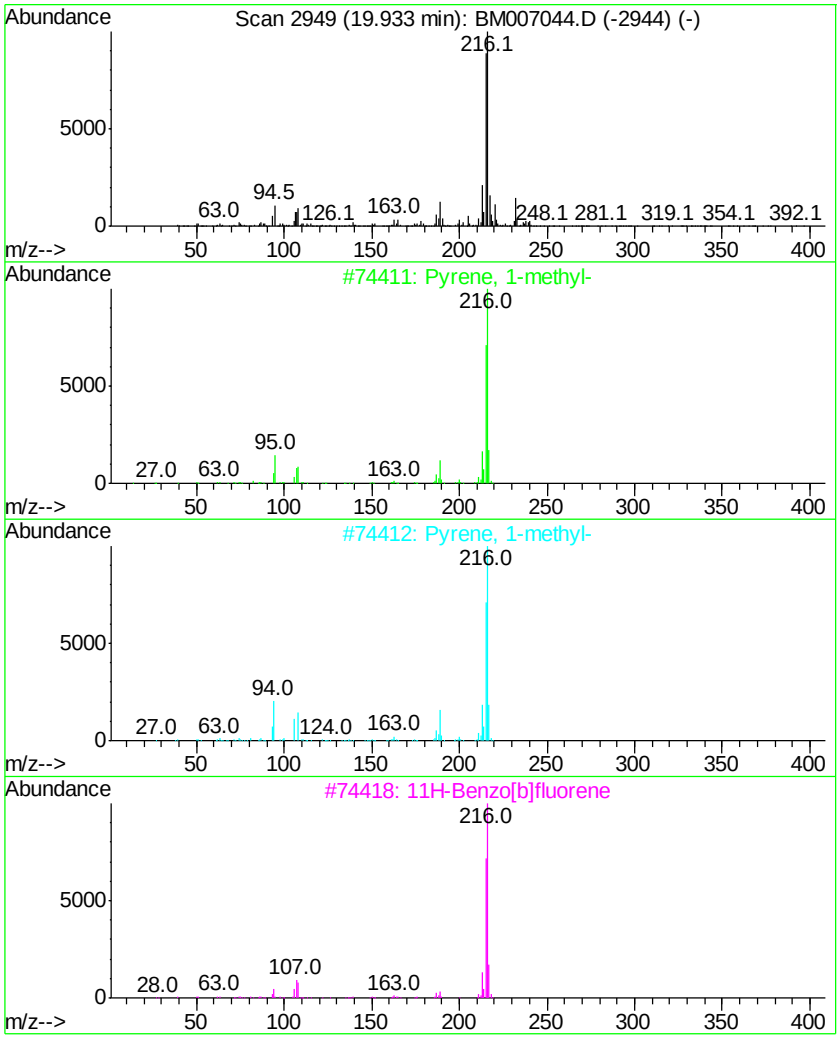
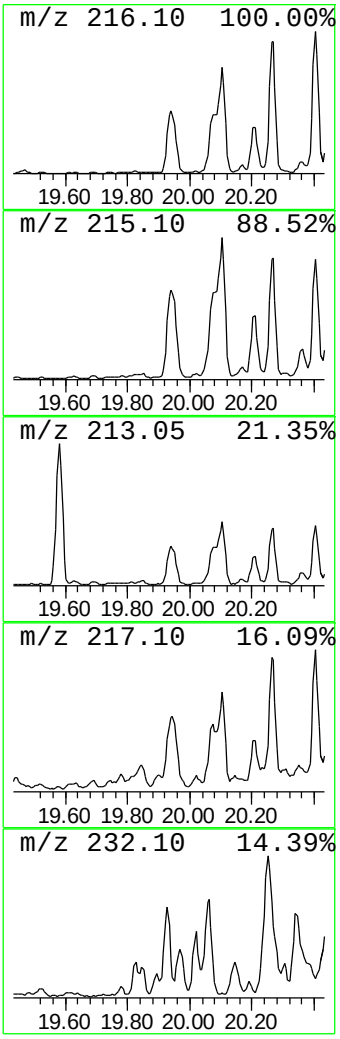
Peak Number 34 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	5.69 ng/ul	2970200	Chrysene-d12	21.37

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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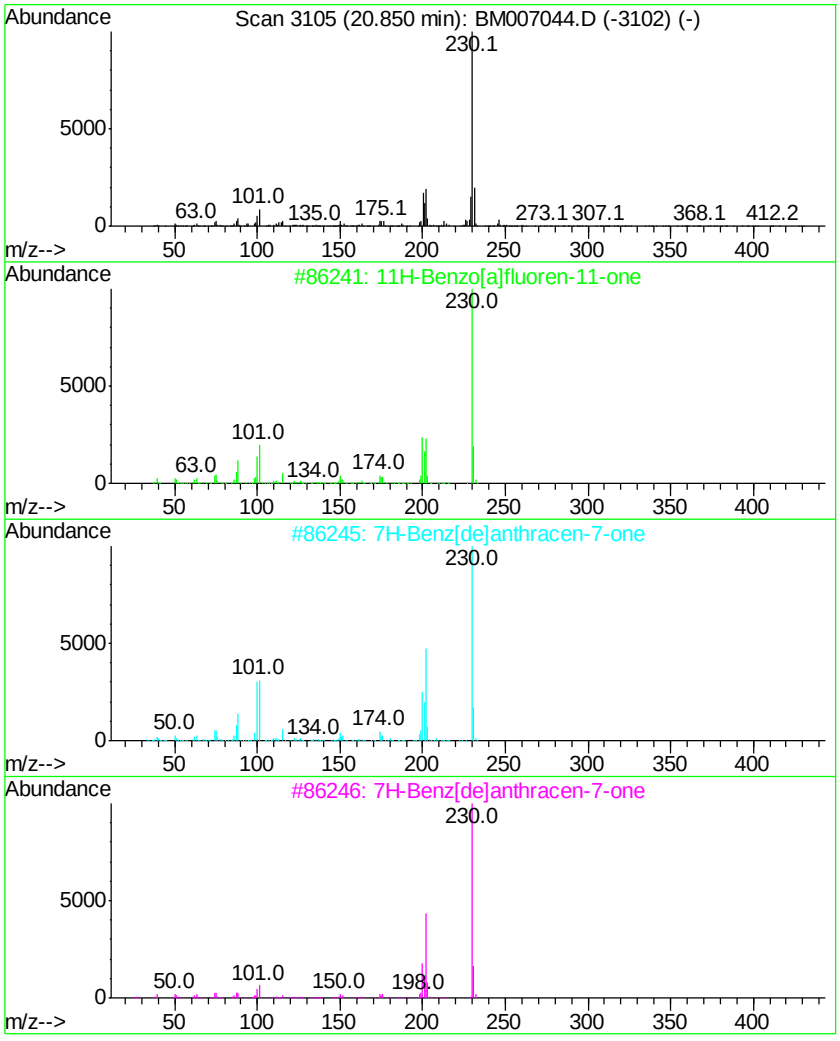
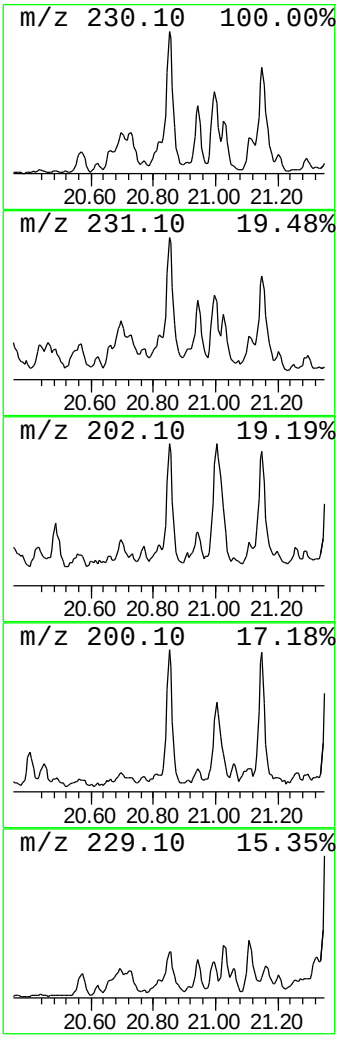
Peak Number 40 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.61 ng/ul	1887780	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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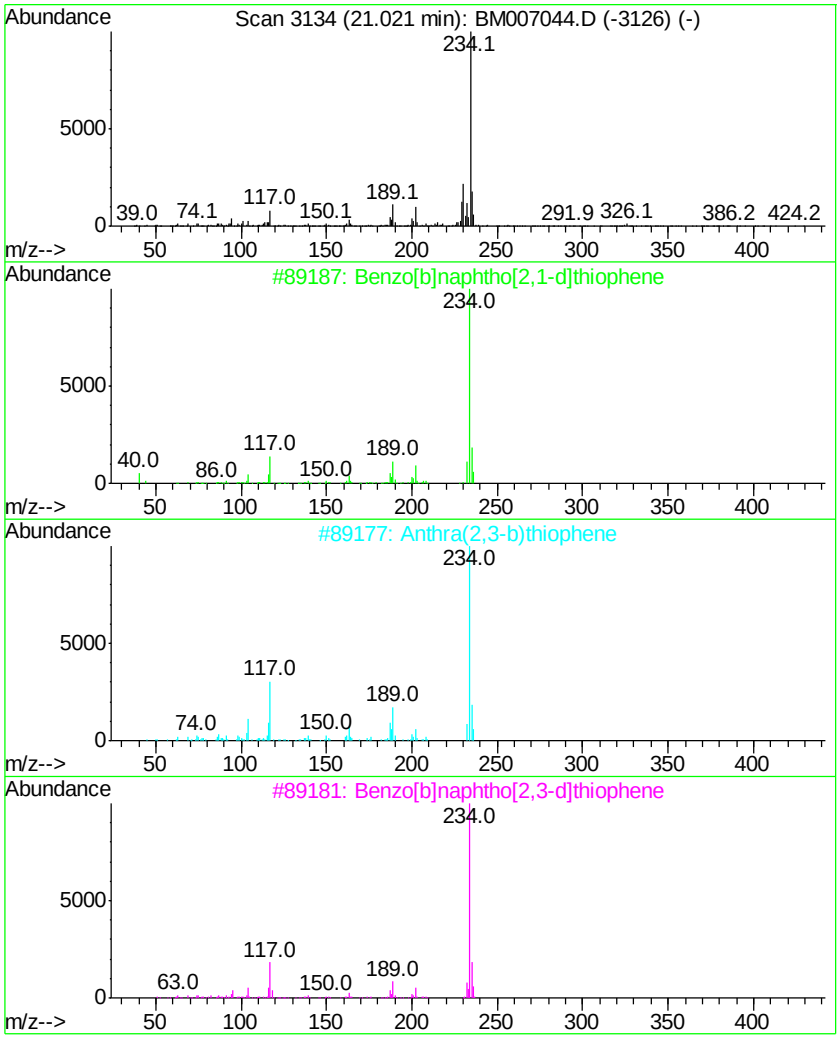
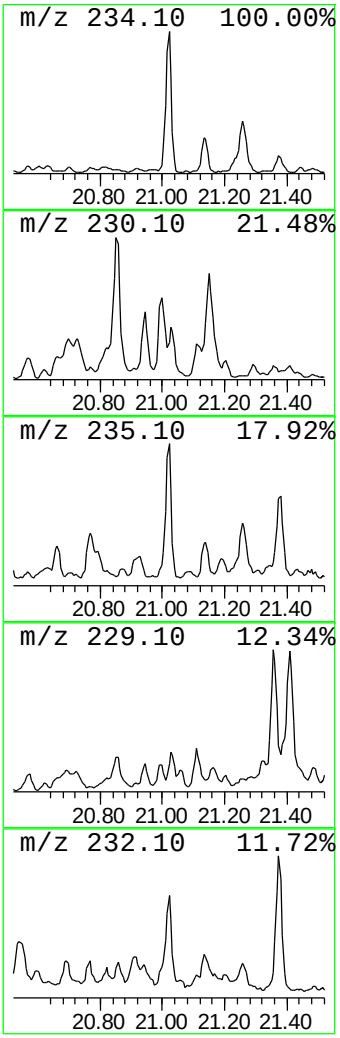
Peak Number 41 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	5.08 ng/ul	2654200	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS002-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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
Naphthalene, 2,3-...	13.76	3.0	ng/ul	560272	3	14.44	3705640	20.0
Naphthalene, 2,3,...	14.84	2.4	ng/ul	448587	3	14.44	3705640	20.0
Naphthalene, 1,6,...	15.06	3.2	ng/ul	598902	3	14.44	3705640	20.0
1H-Phenalene	15.31	2.6	ng/ul	473861	3	14.44	3705640	20.0
Dibenzofuran, 4-m...	15.79	2.1	ng/ul	387689	3	14.44	3705640	20.0
[1,1'-Biphenyl]-4...	15.94	2.3	ng/ul	454547	4	17.19	3984810	20.0
4-Cyclohepta-2,4,...	16.17	4.3	ng/ul	857666	4	17.19	3984810	20.0
9H-Fluorene, 2-me...	16.50	3.2	ng/ul	630058	4	17.19	3984810	20.0
Naphtho[2,1-b]thi...	17.01	3.6	ng/ul	713416	4	17.19	3984810	20.0
Fluorenone oxime	17.37	2.8	ng/ul	556550	4	17.19	3984810	20.0
Tetradecyl triflu...	17.57	2.8	ng/ul	557562	4	17.19	3984810	20.0
1-Methyldibenzoth...	17.77	4.9	ng/ul	979497	4	17.19	3984810	20.0
4-Methylnaphtho[1...	17.91	3.4	ng/ul	675531	4	17.19	3984810	20.0
Phenanthrene, 2-m...	18.06	17.0	ng/ul	3392960	4	17.19	3984810	20.0
Anthracene, 1-met...	18.25	17.7	ng/ul	3525630	4	17.19	3984810	20.0
Anthracene, 2-met...	18.29	9.0	ng/ul	1792950	4	17.19	3984810	20.0
(DEL) Alkane: Str...	18.39	2.2	ng/ul	444714	4	17.19	3984810	20.0
2,7-Dimethyldiben...	18.46	2.8	ng/ul	566623	4	17.19	3984810	20.0
Naphthalene, 2-ph...	18.56	7.8	ng/ul	1546470	4	17.19	3984810	20.0
9,10-Anthracenedione	18.60	7.7	ng/ul	1528470	4	17.19	3984810	20.0
Naphtho[2,3-b]thi...	18.78	2.3	ng/ul	463498	4	17.19	3984810	20.0
Phenanthrene, 2,3...	18.81	5.0	ng/ul	1005180	4	17.19	3984810	20.0
Phenanthrene, 2,7...	18.86	7.6	ng/ul	1515180	4	17.19	3984810	20.0
Phenanthrene, 3,6...	18.90	6.1	ng/ul	1208540	4	17.19	3984810	20.0
Phenanthrene, 2,5...	18.99	21.3	ng/ul	4245740	4	17.19	3984810	20.0
Naphthalene, 1,2-...	19.07	4.6	ng/ul	912656	4	17.19	3984810	20.0
Phenanthrene, 2,3...	19.69	3.7	ng/ul	1955560	5	21.37	10446700	20.0
1-(4-Methylphenyl...	19.84	2.0	ng/ul	1060430	5	21.37	10446700	20.0
Pyrene, 1-methyl-	19.93	5.7	ng/ul	2970200	5	21.37	10446700	20.0
11H-Benzo[a]fluor...	20.85	3.6	ng/ul	1887780	5	21.37	10446700	20.0
Benzo[b]naphtho[2...	21.02	5.1	ng/ul	2654200	5	21.37	10446700	20.0