LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025023.D
Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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	11.780	1502	1512	1519	rBV	28540803	49419861	18.97%	1.568%
2	12.004	1538	1550	1556	rVB	24138744	42548445	16.33%	1.350%
3	13.016	1716	1722	1734	rVB	8419559	15505242	5.95%	0.492%
4	13.157	1734	1746	1748	rBV	16552198	27820056	10.68%	0.883%
5	13.327	1764	1775	1779	rBV	22818850	44443664	17.06%	1.410%
6	13.374	1779	1783	1790	rVV	17694557	25550560	9.81%	0.811%
7	13.557	1803	1814	1817	rVV	10162792	16368010	6.28%	0.519%
8	13.586	1817	1819	1825	rVV	4494281	5440869	2.09%	0.173%
9	13.716	1832	1841	1853	rVB3	6118523	11706949	4.49%	0.371%
10	14.016	1885	1892	1895	rVV3	2338741	5020807	1.93%	0.159%
11	14.116	1895	1909	1912	rVV3	60812091	207276121	79.55%	6.576%
12	14.151	1912	1915	1921	rVV	8429104	11498753	4.41%	0.365%
13	14.227	1921	1928	1938	rVB	3935325	9796452	3.76%	0.311%
14	14.321	1938	1944	1951	rVB	8417197	13440690	5.16%	0.426%
15	14.433	1951	1963	1969	rBV3	50239058	135731239	52.09%	4.306%
16	14.498	1969	1974	1981	rVB	6660250	8774354	3.37%	0.278%
17	14.639	1989	1998	2002	rBV2	4519413	8117581	3.12%	0.258%
18	14.692	2002	2007	2011	rVB	5421464	7096108	2.72%	0.225%
19	14.810	2019	2027	2030	rBV	4337832	8231683	3.16%	0.261%
20	15.015	2059	2062	2065	rVV	4514068	5987063	2.30%	0.190%
21	15.098	2065	2076	2083	rVV3	54153022	155466351	59.66%	4.932%
22	15.168	2083	2088	2090	rVV	7959412	11638844	4.47%	0.369%
23	15.198	2090	2093	2096	rVV	12199922	17683270	6.79%	0.561%
24	15.233	2096	2099	2104	rVV	16309474	23334069	8.96%	0.740%
25	15.280	2104	2107	2110	rVV	4622667	7117445	2.73%	0.226%
26	15.315	2110	2113	2117	rVV	11070428	15798468	6.06%	0.501%
27	15.374	2117	2123	2131	rVV	29660381	46216879	17.74%	1.466%
28	15.521	2133	2148	2155	rVV	29235054	70221792	26.95%	2.228%
29	15.604	2155	2162	2168	rVB	6651489	11226445	4.31%	0.356%
30	15.745	2181	2186	2194	rVV5	2538208	5950256	2.28%	0.189%
31	16.021	2229	2233	2235	rVV	4404813	6578188	2.52%	0.209%
32	16.074	2235	2242	2247	rVV3	16094120	40166813	15.41%	1.274%
33	16.121	2247	2250	2255	rVV	7537151	12230782	4.69%	0.388%
34	16.174	2255	2259	2261	rVV2	3399324	5867669	2.25%	0.186%

LSC Area Percent Report

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Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

35	16.221	2261	2267	2272	rVV3	5482596	11470595	4.40%	0.364%
36	16.310	2278	2282	2285	rVV	8879863	14582531	5.60%	0.463%
37	16.351	2285	2289	2292	rVV3	9192085	15942448	6.12%	0.506%
38	16.380	2292	2294	2299	rVV2	4689660	8117070	3.12%	0.258%
39	16.451	2299	2306	2311	rVV	13012445	25336088	9.72%	0.804%
40	16.515	2311	2317	2323	rVV3	12308469	25014229	9.60%	0.794%
41	16.592	2323	2330	2345	rVB2	30867014	56366431	21.63%	1.788%
42	16.868	2353	2377	2378	rBV5	60840172	260569863	100.00%	8.267%
43	16.909	2383	2384	2385	rVV	17578967	11397847	4.37%	0.362%
44	16.945	2385	2390	2393	rVV2	45833765	74253581	28.50%	2.356%
45	16.968	2393	2394	2400	rVV3	5541598	6628017	2.54%	0.210%
46	17.086	2410	2414	2419	rVV3	3223268	5269632	2.02%	0.167%
47	17.145	2419	2424	2426	rVV	8339154	12305279	4.72%	0.390%
48	17.180	2426	2430	2434	rVV	16319999	24111077	9.25%	0.765%
49	17.221	2434	2437	2444	rVV4	4189420	9580032	3.68%	0.304%
50	17.292	2444	2449	2455	rVV3	13195288	21632447	8.30%	0.686%
51	17.351	2455	2459	2468	rVV4	7609814	15499719	5.95%	0.492%
52	17.486	2473	2482	2488	rVV2	6589336	13398269	5.14%	0.425%
53	17.580	2490	2498	2502	rVV2	2657076	5904610	2.27%	0.187%
54	17.651	2502	2510	2514	rVV2	34896280	61567154	23.63%	1.953%
55	17.709	2514	2520	2524	rVV2	46299651	74434395	28.57%	2.362%
56	17.786	2524	2533	2537	rVV	10787123	18370979	7.05%	0.583%
57	17.851	2537	2544	2548	rVV2	49963793	103499441	39.72%	3.284%
58	17.886	2548	2550	2556	rVB	22059357	21596971	8.29%	0.685%
59	18.156	2590	2596	2600	rVV	26602103	39713661	15.24%	1.260%
60	18.215	2600	2606	2612	rVV	17531192	31961788	12.27%	1.014%
61	18.398	2629	2637	2642	rBV3	8271015	13861598	5.32%	0.440%
62	18.451	2642	2646	2649	rVB	5274248	6024728	2.31%	0.191%
63	18.492	2649	2653	2661	rVB3	4315409	7706716	2.96%	0.245%
64	18.574	2661	2667	2672	rBV	7585636	15154784	5.82%	0.481%
65	18.651	2672	2680	2688	rVB3	9150486	22977345	8.82%	0.729%
66	18.768	2688	2700	2706	rVB	17227213	38399464	14.74%	1.218%
67	18.880	2706	2719	2721	rBV3	61281681	199221503	76.46%	6.321%
68	18.956	2729	2732	2738	rVB	6413541	8294893	3.18%	0.263%
69	19.092	2748	2755	2760	rBV	17873460	25960070	9.96%	0.824%
70	19.233	2769	2779	2783	rVV3	73436682	217052402	83.30%	6.886%
71	19.292	2787	2789	2795	rVB	13797675	15316625	5.88%	0.486%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	19.398	2800	2807	2811	rBV	16170722	22018180	8.45%	0.699%
73	19.450	2811	2816	2823	rVB2	4964761	8346005	3.20%	0.265%
74	19.550	2823	2833	2837	rBV2	12572766	32604439	12.51%	1.034%
75	19.592	2837	2840	2843	rVV	5602799	6919416	2.66%	0.220%
76	19.674	2849	2854	2857	rVV3	10522116	18584746	7.13%	0.590%
77	19.715	2857	2861	2865	rVB	20903837	28026176	10.76%	0.889%
78	19.815	2873	2878	2881	rVV	12319736	16578946	6.36%	0.526%
79	19.868	2881	2887	2891	rVV3	15074519	26011883	9.98%	0.825%
80	19.903	2891	2893	2898	rVV2	5253912	7565375	2.90%	0.240%
81	19.950	2898	2901	2906	rVV2	4399522	6128481	2.35%	0.194%
82	20.003	2906	2910	2914	rVV	5472850	7756095	2.98%	0.246%
83	20.050	2914	2918	2922	rVV2	7521998	11875952	4.56%	0.377%
84	20.462	2983	2988	2993	rVB	18684111	23715528	9.10%	0.752%
85	20.621	3009	3015	3019	rBV2	14136724	22508344	8.64%	0.714%
86	20.662	3019	3022	3025	rVV	12481414	14280574	5.48%	0.453%
87	20.703	3025	3029	3033	rVV2	8623966	14571695	5.59%	0.462%
88	20.768	3033	3040	3048	rVB	18367010	29783821	11.43%	0.945%
89	20.862	3049	3056	3065	rVB	2511177	5116502	1.96%	0.162%
90	20.974	3065	3075	3079	rBV4	42604580	78506697	30.13%	2.491%
91	21.027	3079	3084	3093	rVB	36769890	56105843	21.53%	1.780%
92	21.286	3122	3128	3132	rBV2	4351674	7418065	2.85%	0.235%
93	21.509	3161	3166	3170	rVV	4817276	6316229	2.42%	0.200%
94	21.950	3235	3241	3245	rBV	3977757	5955674	2.29%	0.189%
95	22.103	3262	3267	3273	rVB	3967803	5801503	2.23%	0.184%
96	22.209	3280	3285	3297	rVB4	3656443	7447546	2.86%	0.236%
97	22.456	3319	3327	3331	rBV2	13287362	30296221	11.63%	0.961%
98	22.880	3393	3399	3404	rVB	5080752	8202130	3.15%	0.260%
99	22.962	3408	3413	3420	rVV	6134885	10174918	3.90%	0.323%
100	23.050	3421	3428	3432	rVV2	2728576	5541382	2.13%	0.176%

Sum of corrected areas: 3151924426

LSC Report - Integrated Chromatogram

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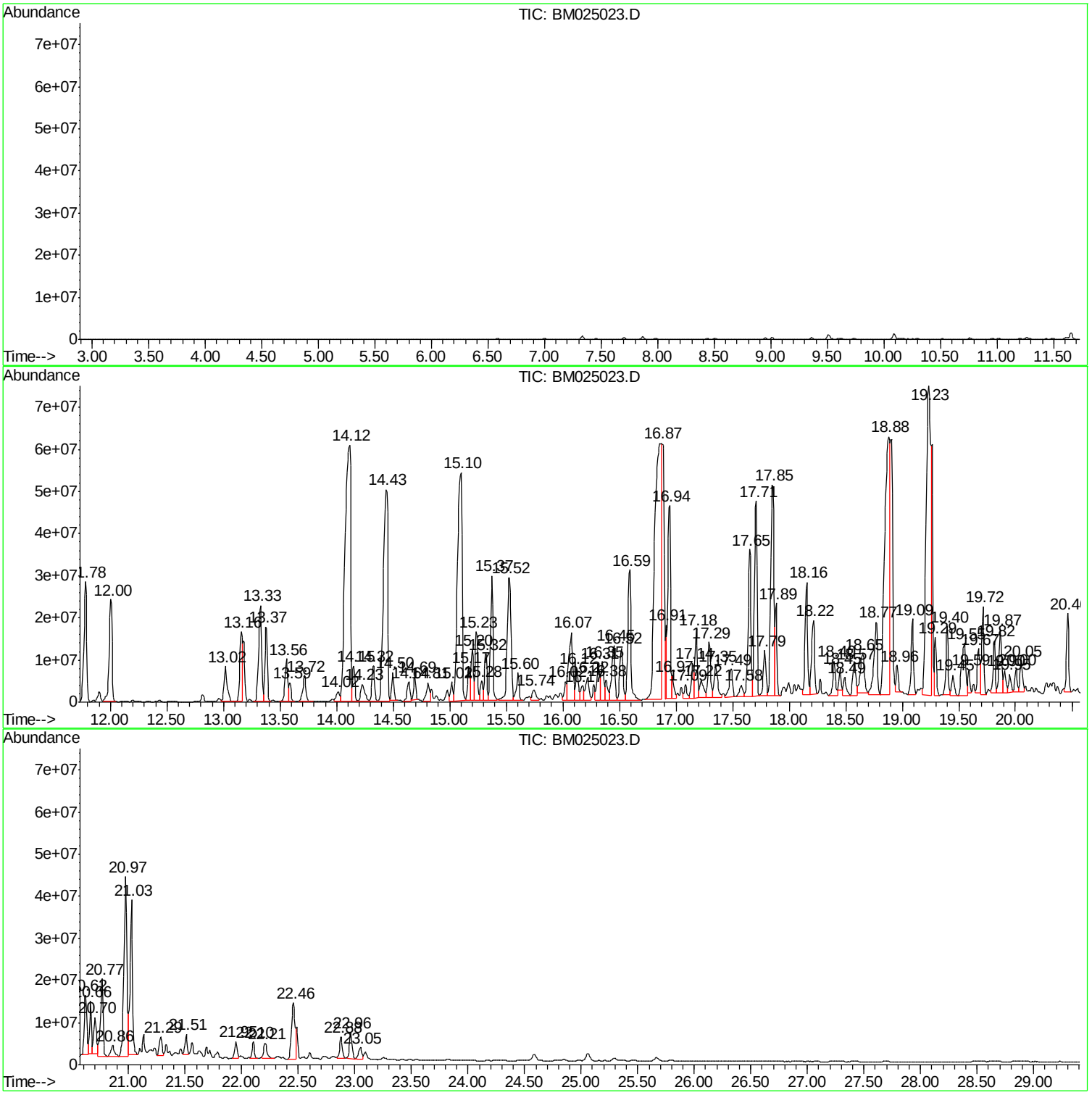
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

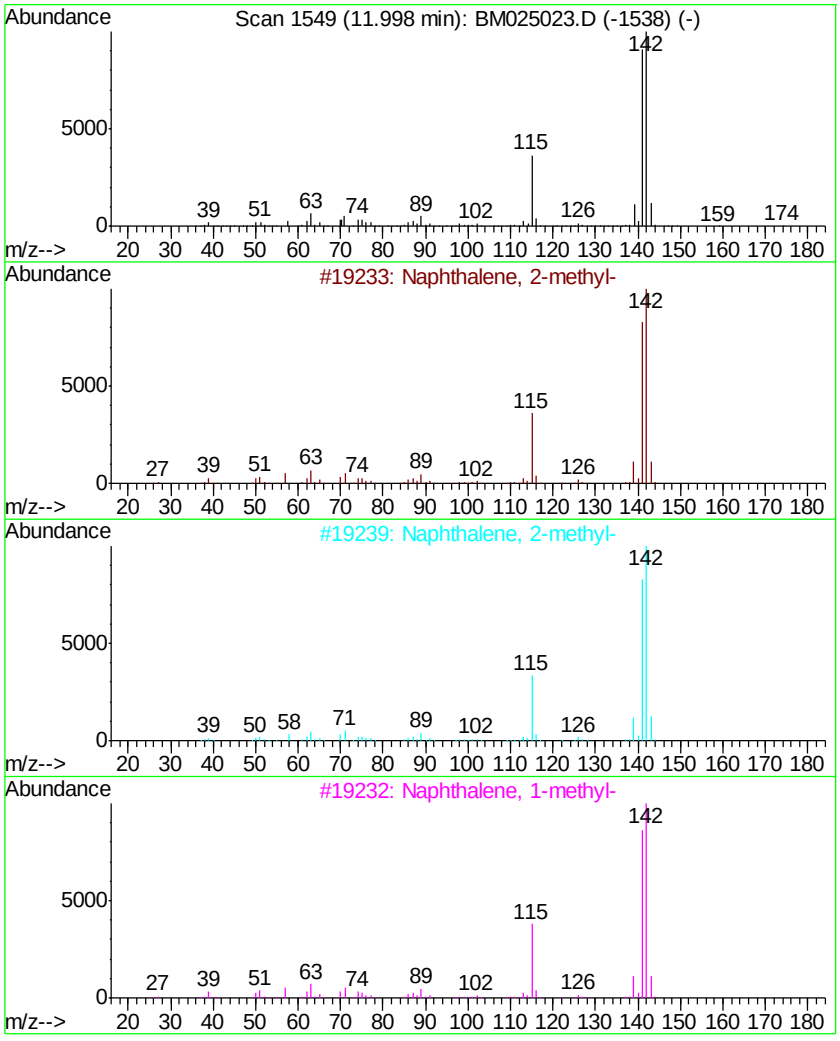
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

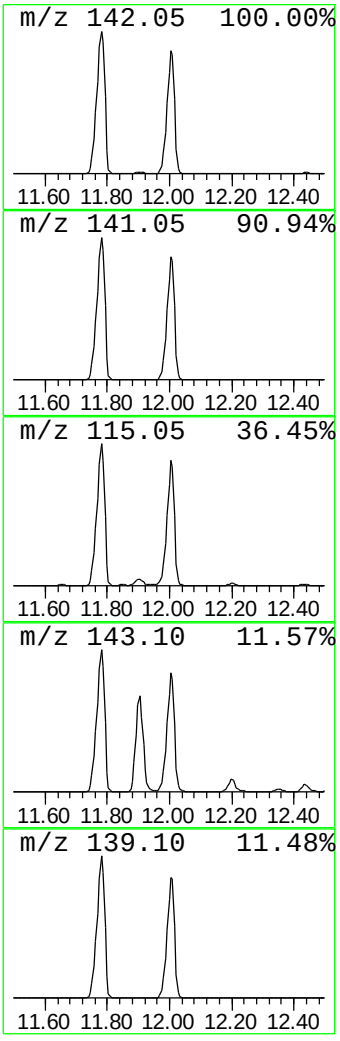
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	17.22 ng/ul	42548400	Naphthalene-d8	10.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

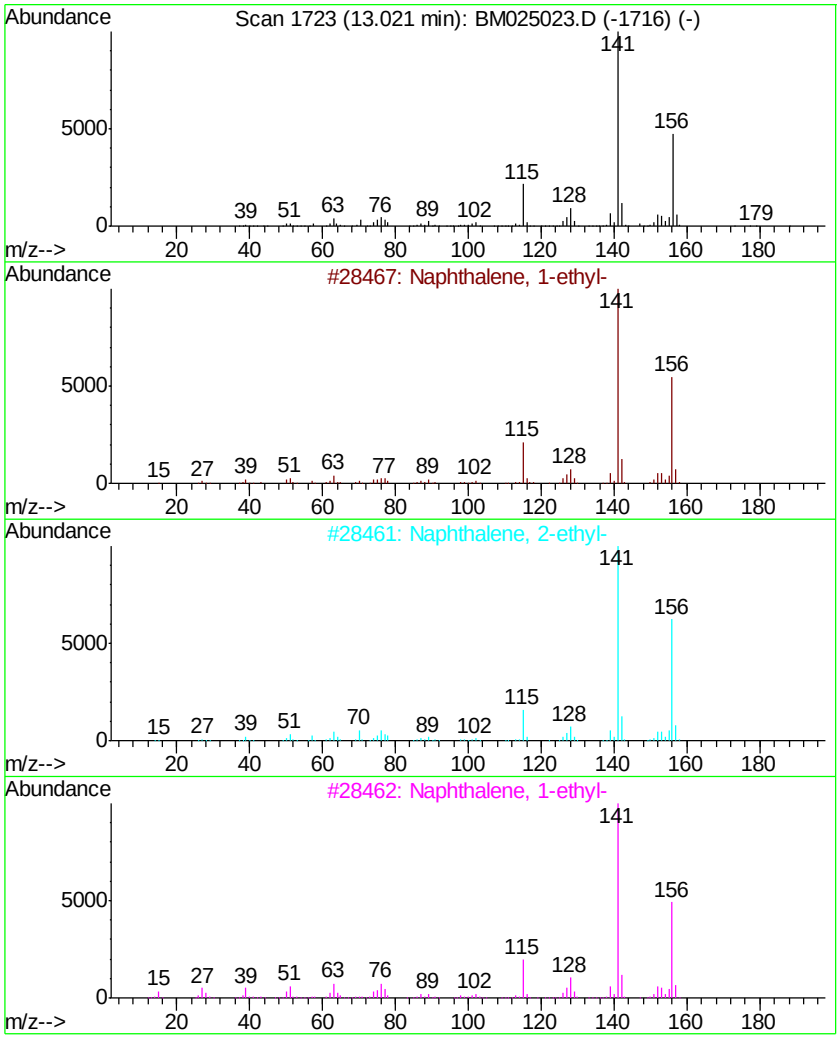
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

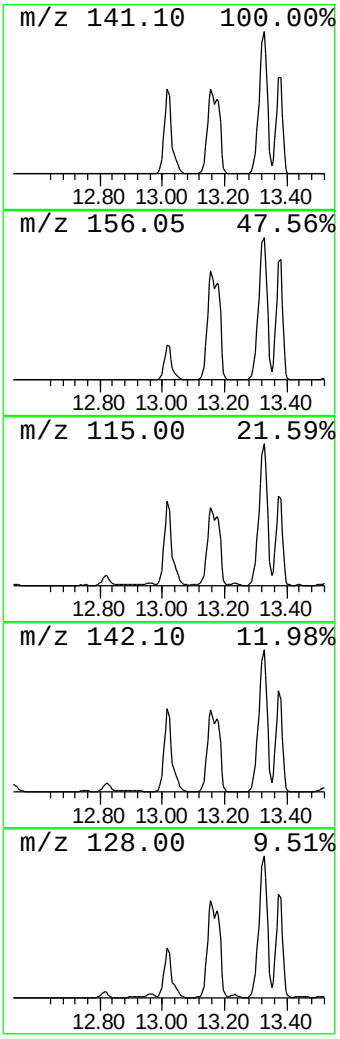
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	61.76 ng/ul	15505200	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Quant Title : SVOA CALIBRATION

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

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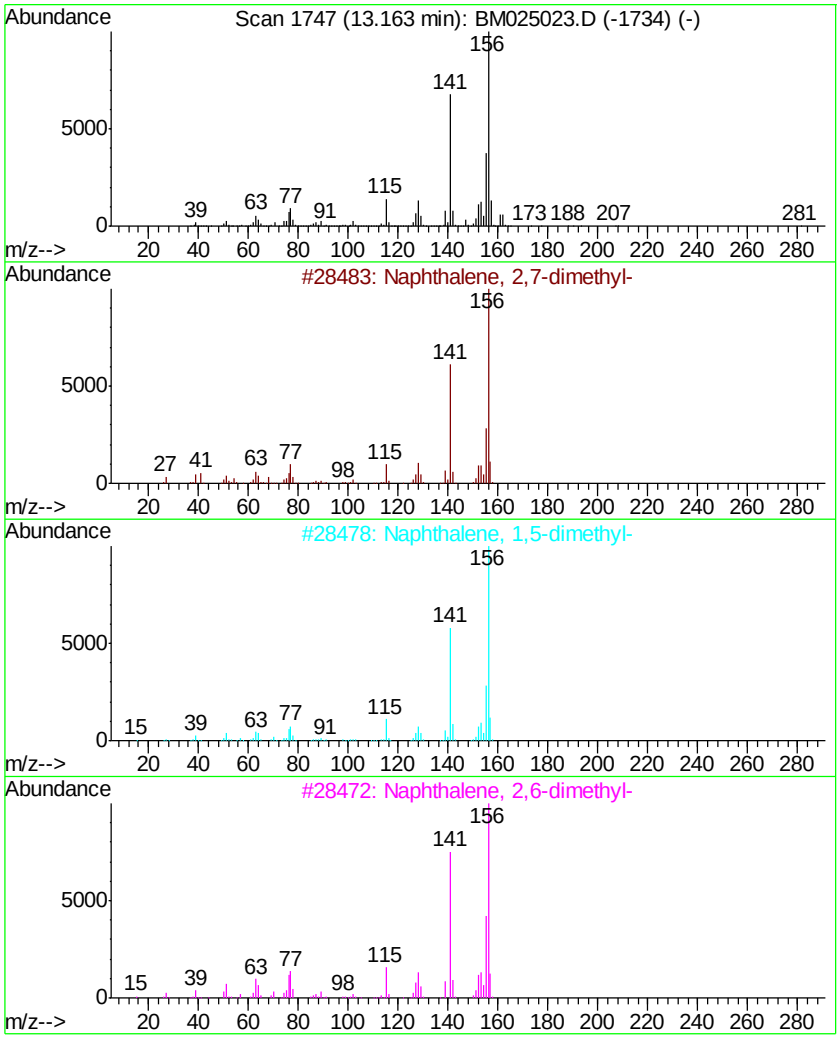
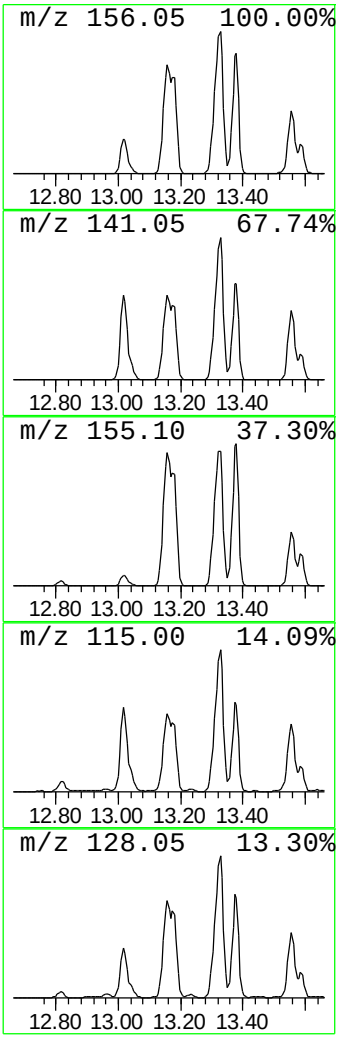
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	110.82 ng/ul	27820100	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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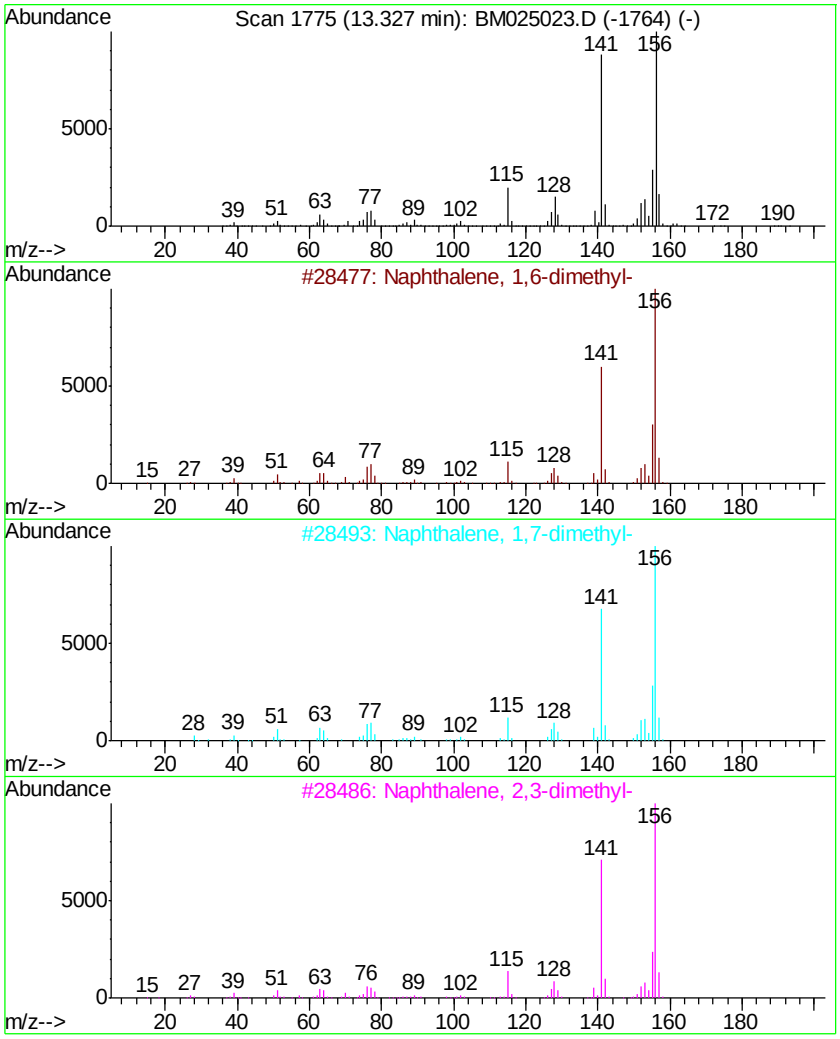
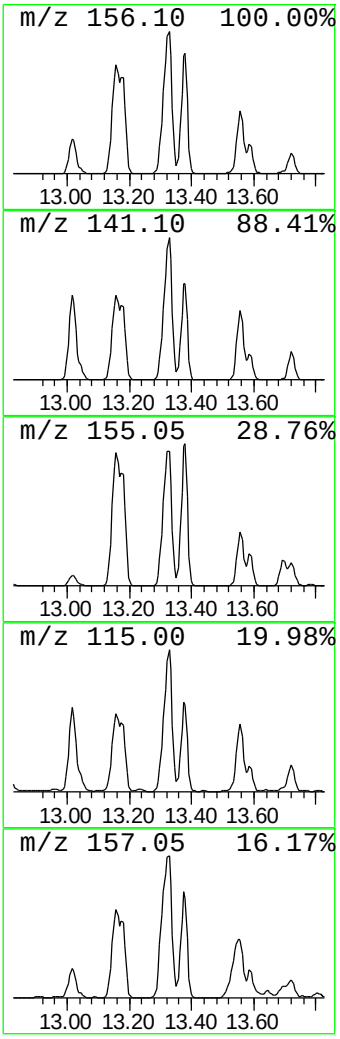
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	177.04 ng/ul	44443700	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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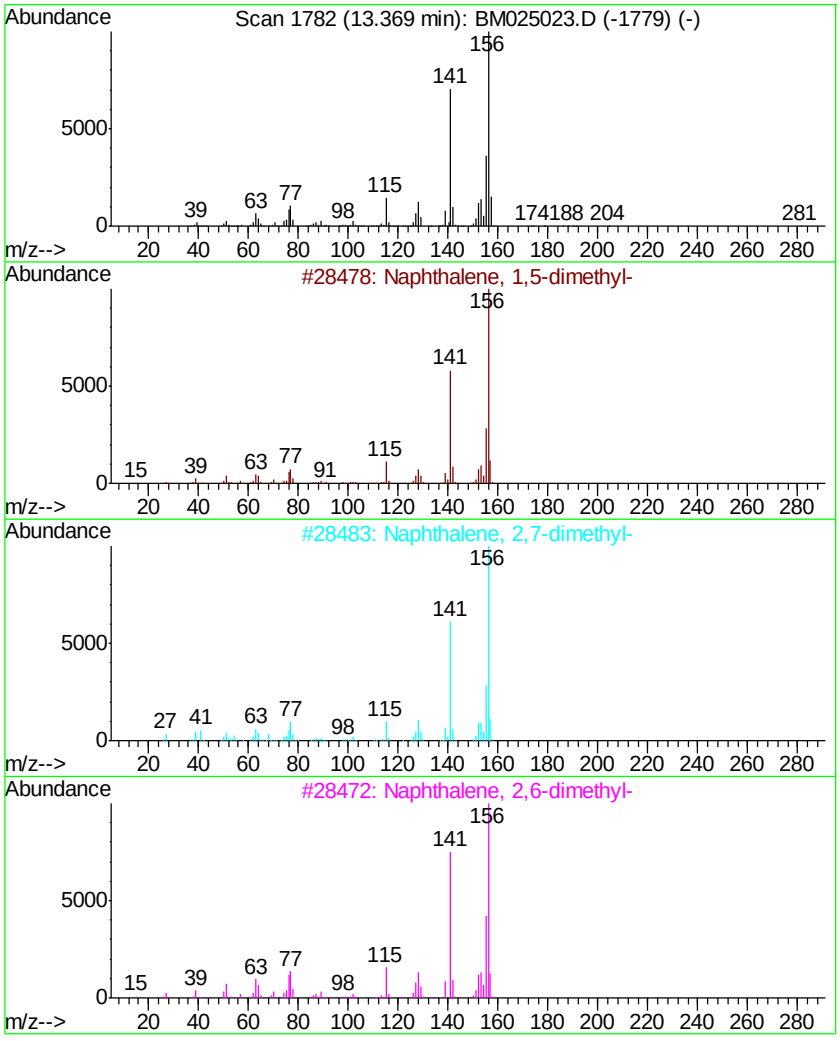
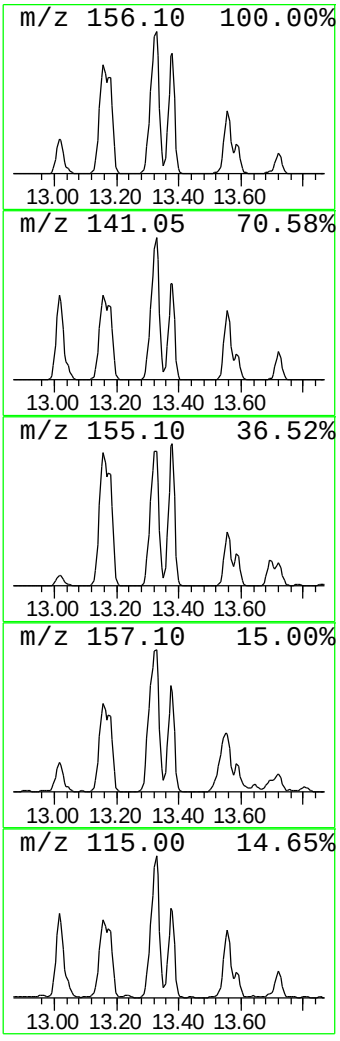
Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	101.78 ng/ul	25550600	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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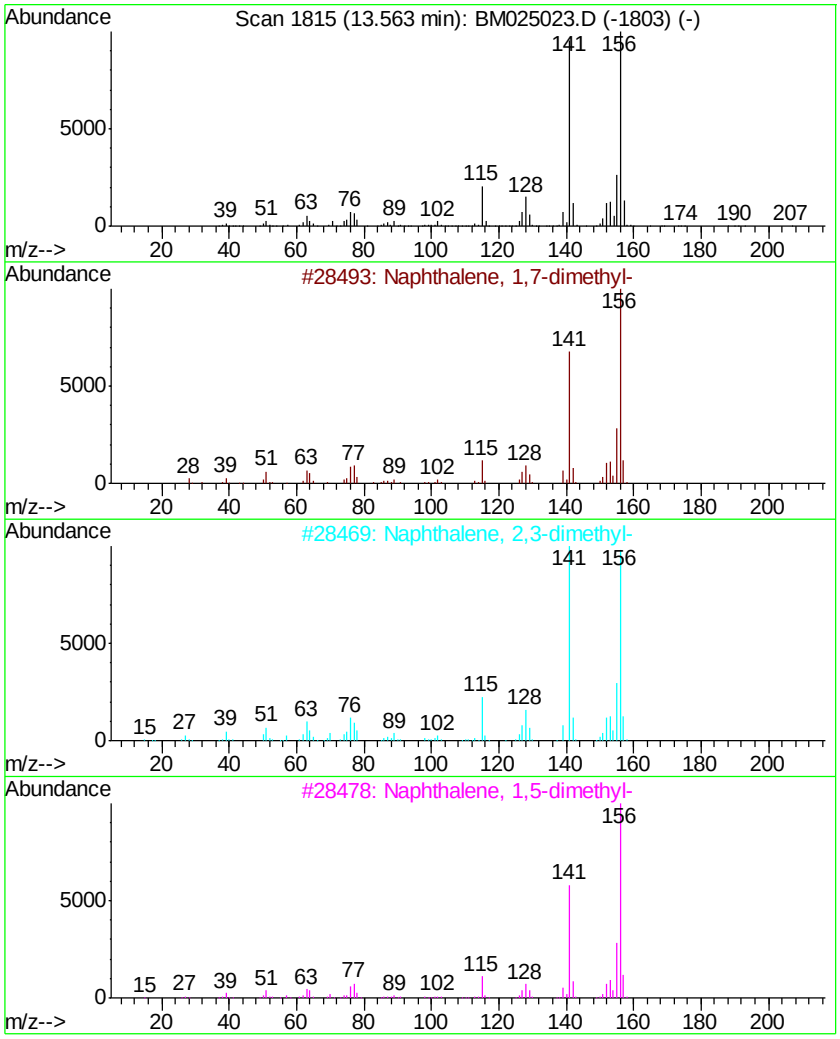
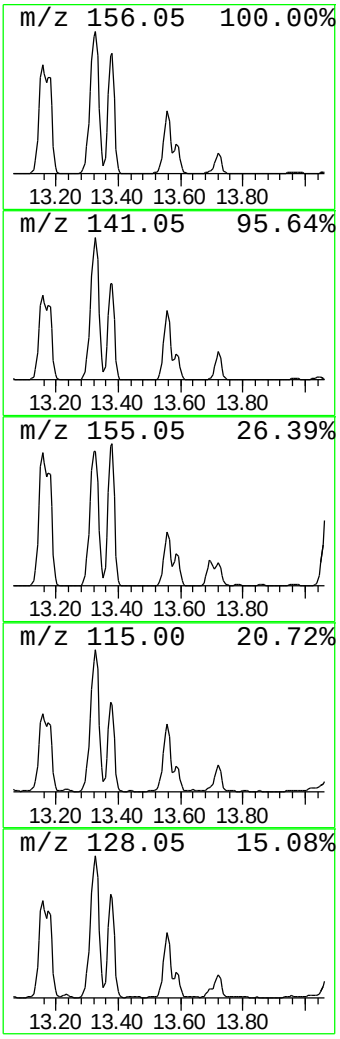
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	65.20 ng/ul	16368000	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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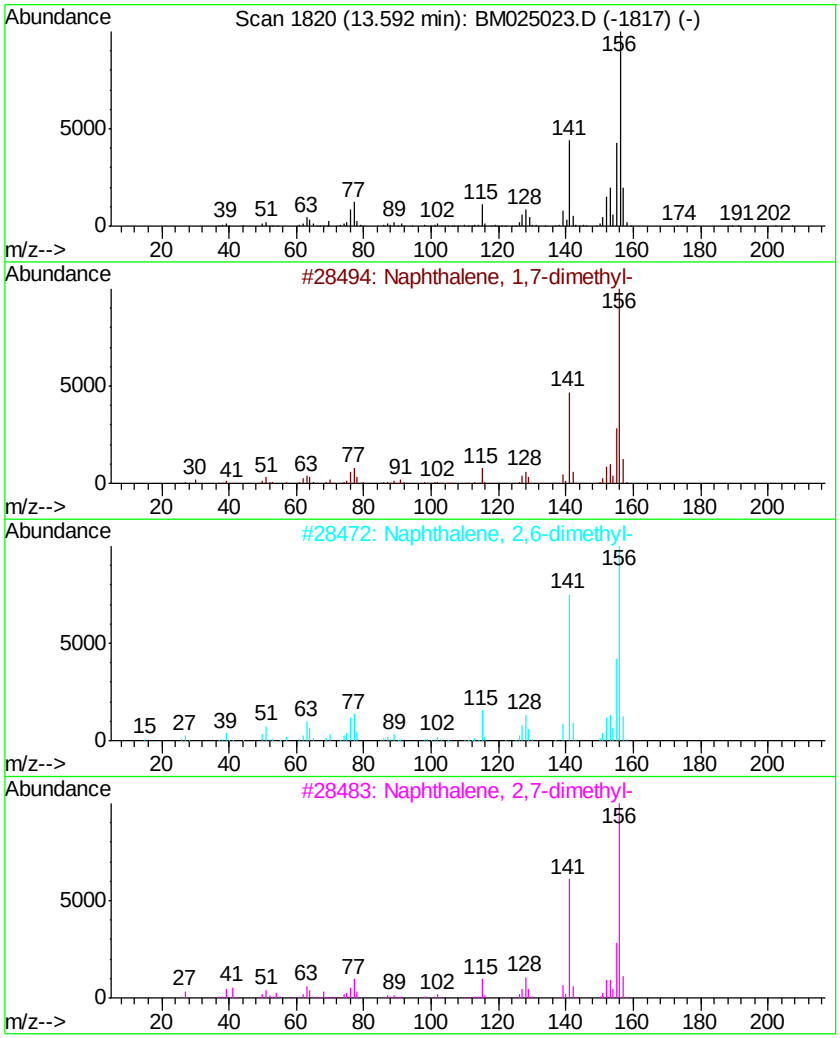
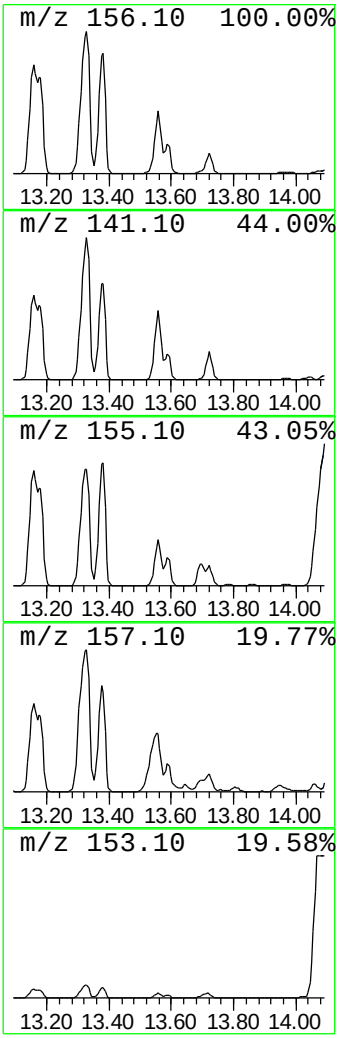
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	21.67 ng/ul	5440870	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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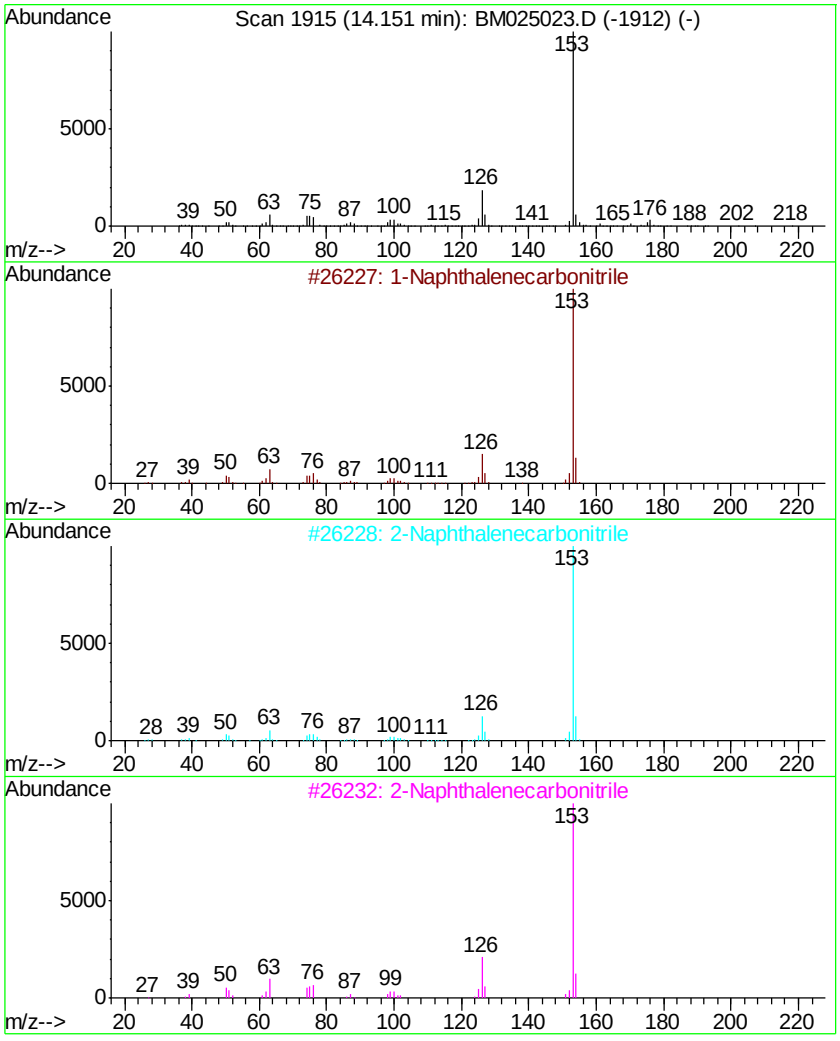
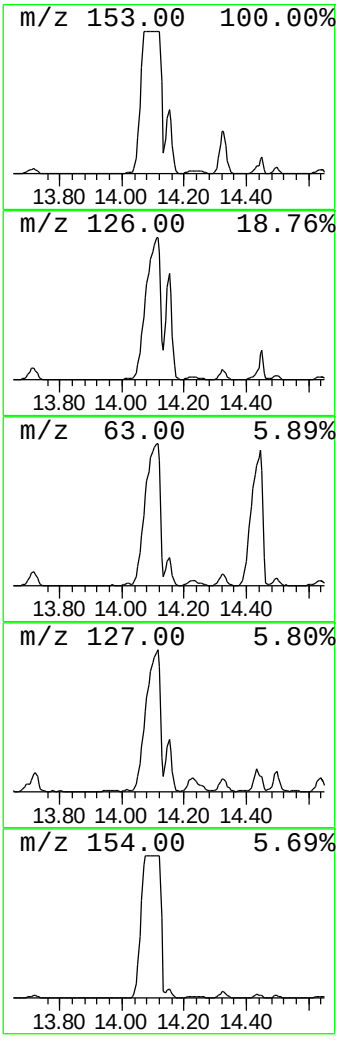
Peak Number 8 1-Naphthalenecarbonitrile Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	45.80 ng/ul	11498800	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	87
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	86
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	80
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	80
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	80





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Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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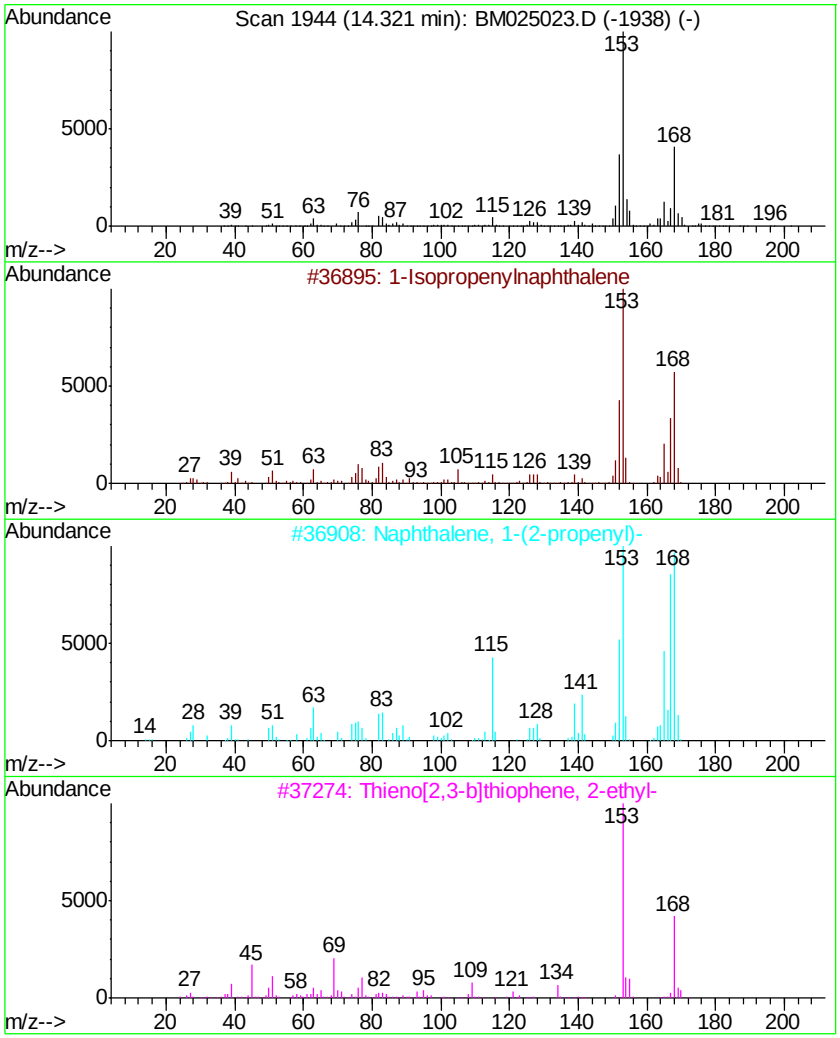
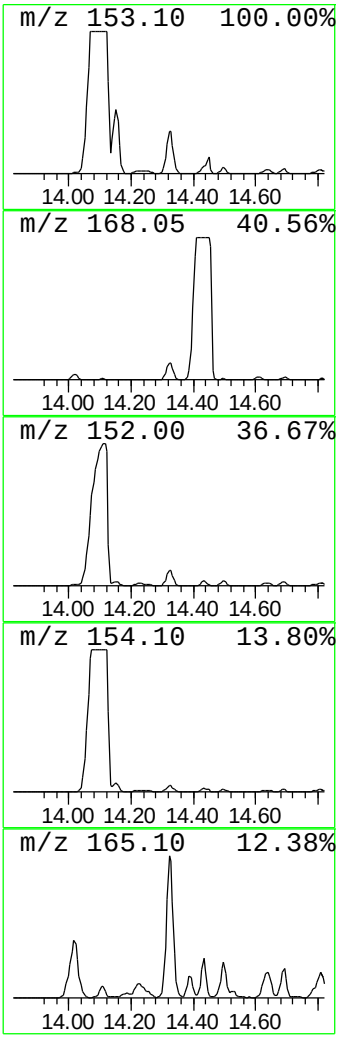
Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	53.54 ng/ul	13440700	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	59
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58
5	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	53





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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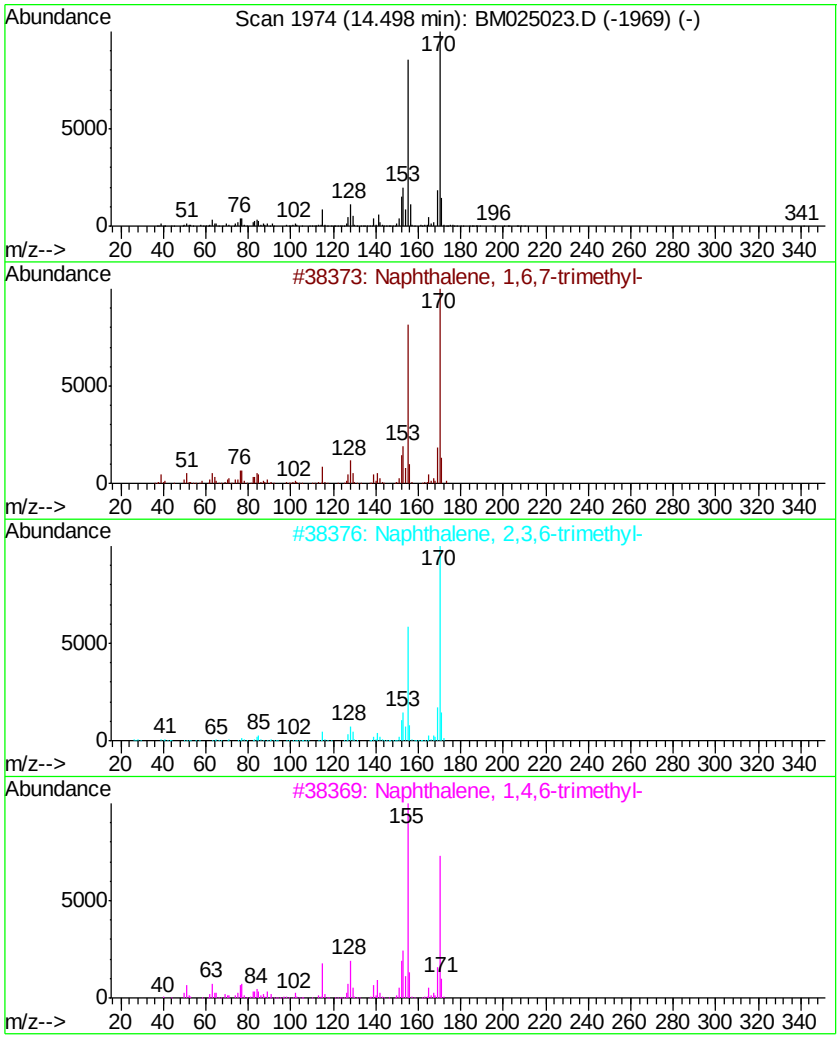
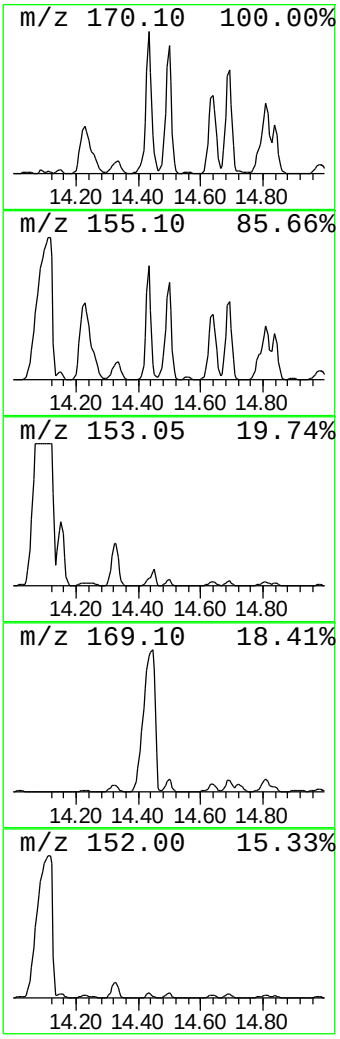
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	34.95 ng/ul	8774350	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





Library Search Compound Report

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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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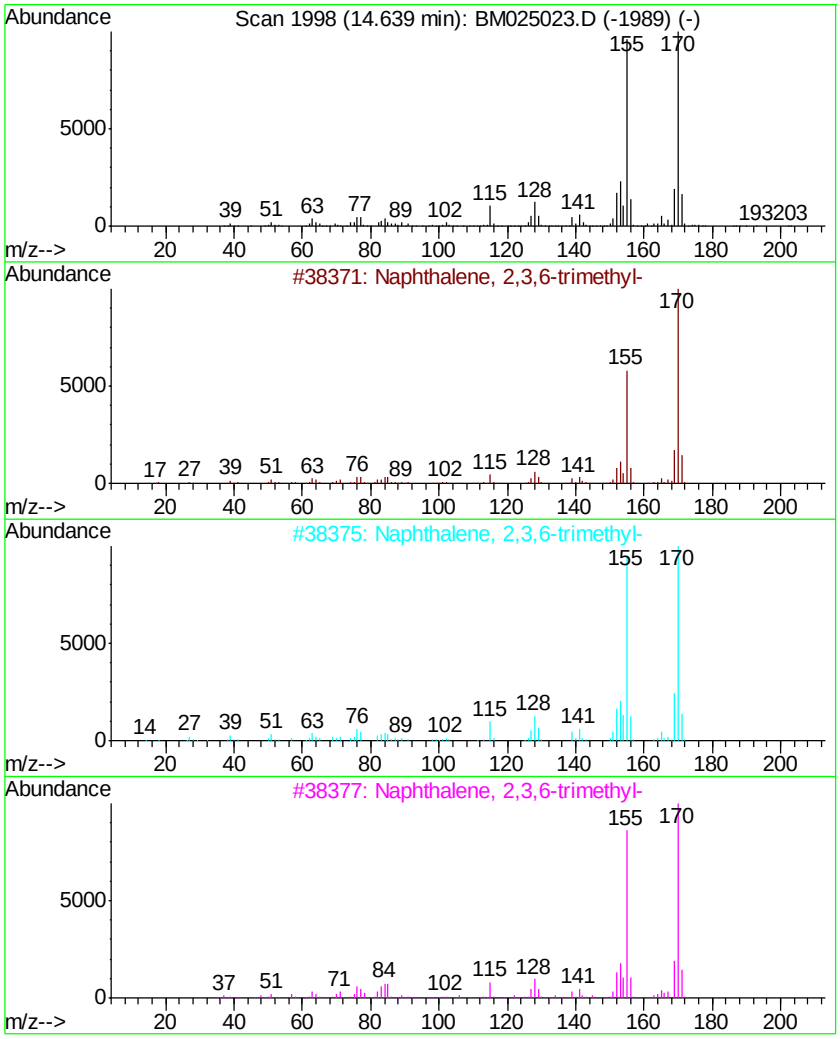
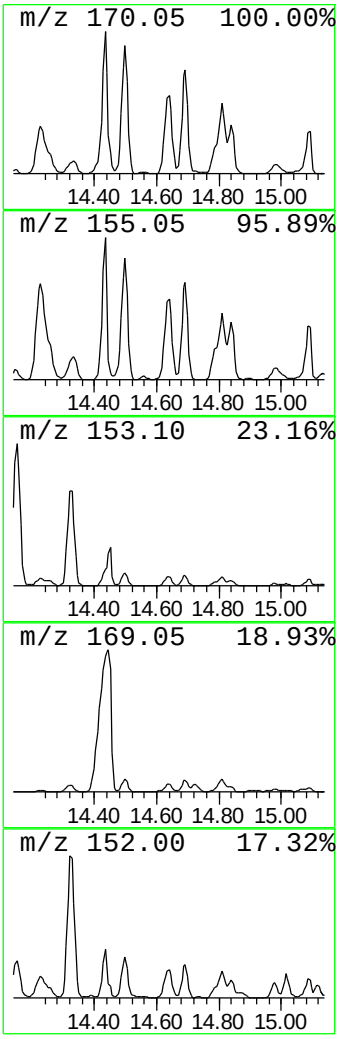
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	32.34 ng/ul	8117580	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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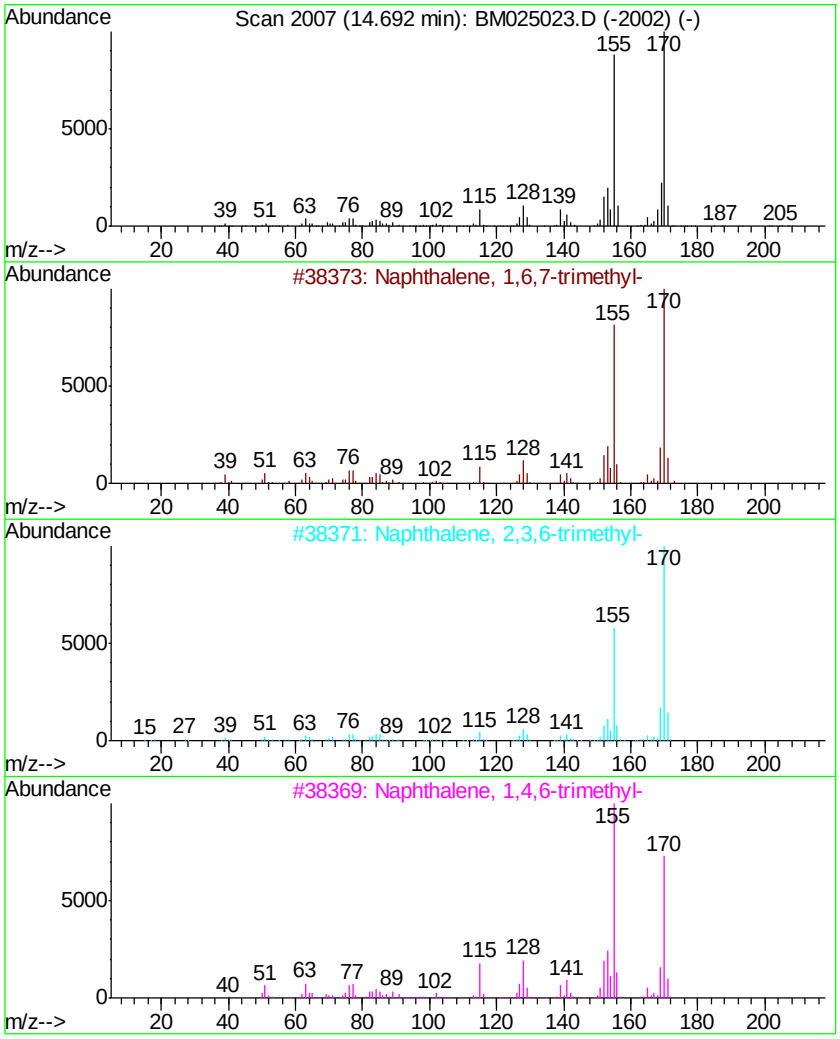
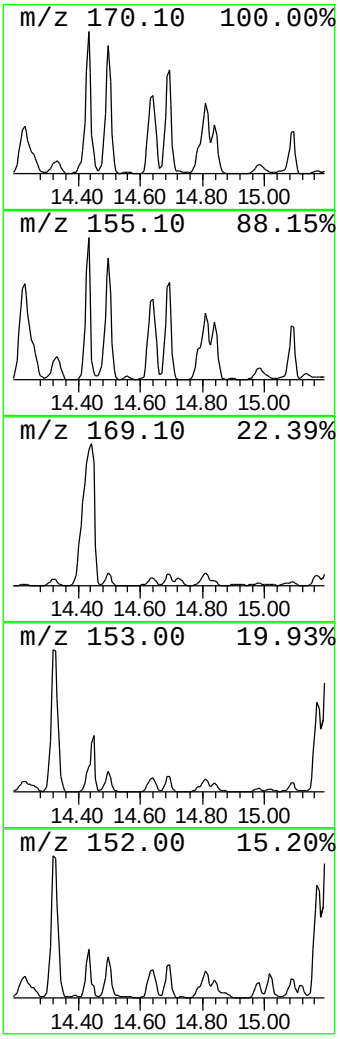
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	28.27 ng/ul	7096110	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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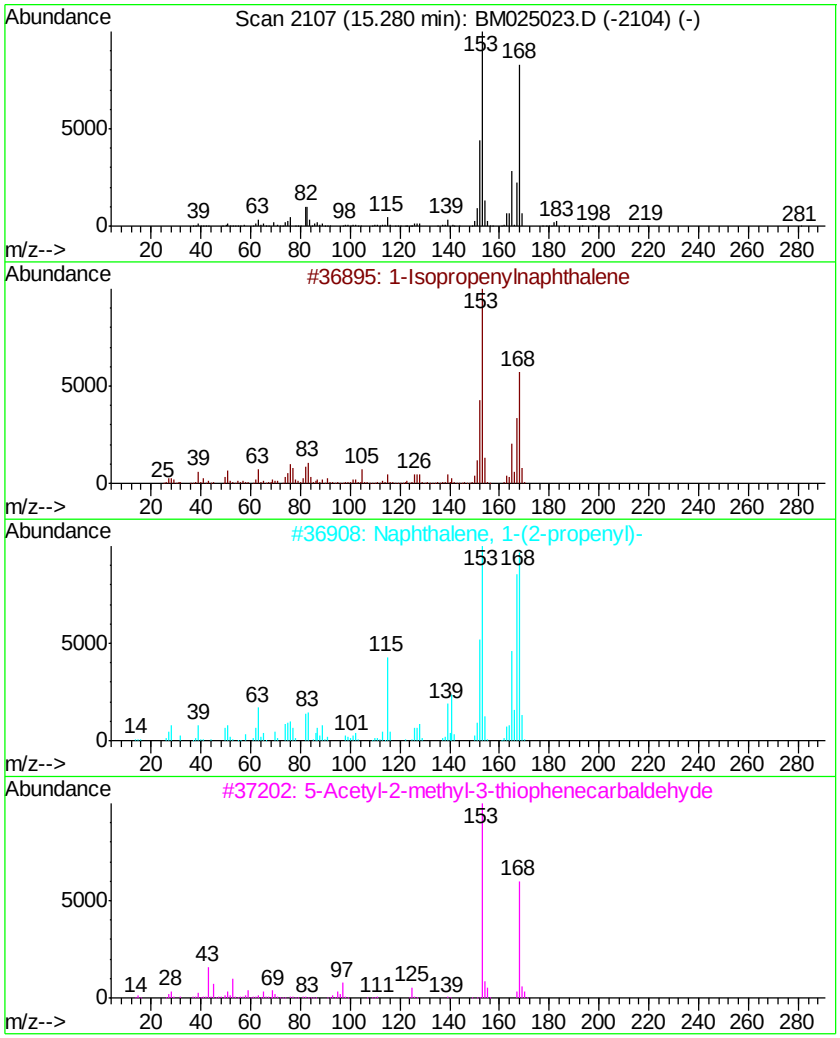
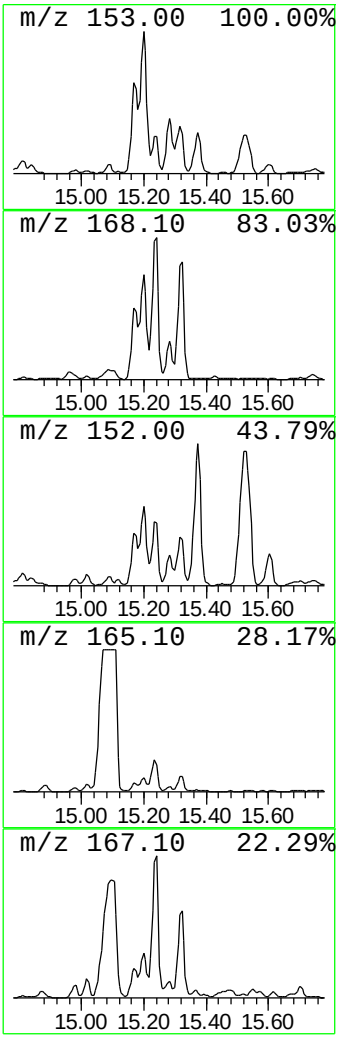
Peak Number 14 Naphthalene, 1-(2-propenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	28.35 ng/ul	7117450	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	50
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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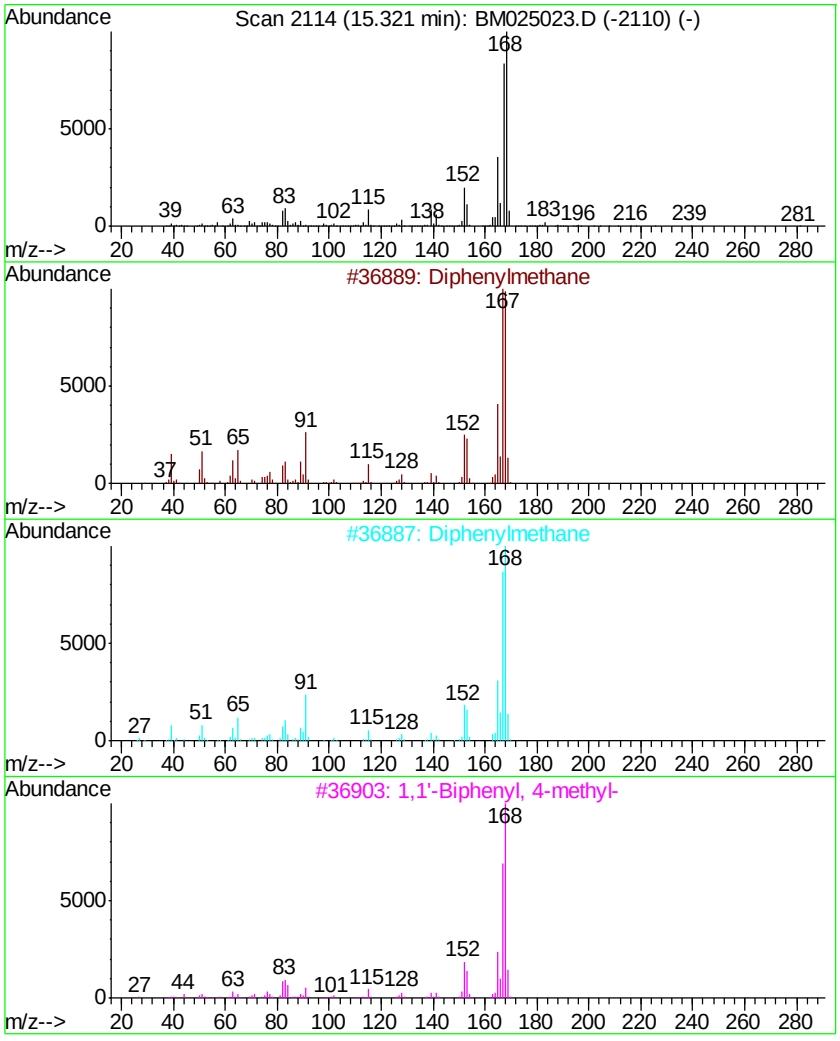
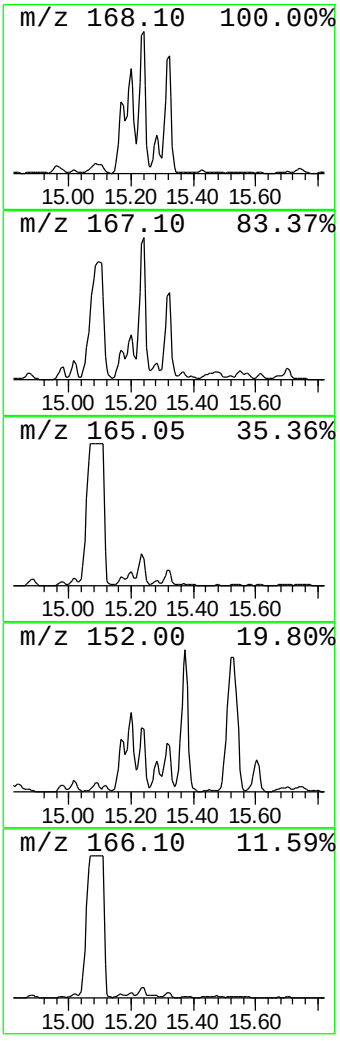
Peak Number 15 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	62.93 ng/ul	15798500	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	Diphenylmethane	168	C13H12	000101-81-5	87
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
5	Diphenylmethane	168	C13H12	000101-81-5	81





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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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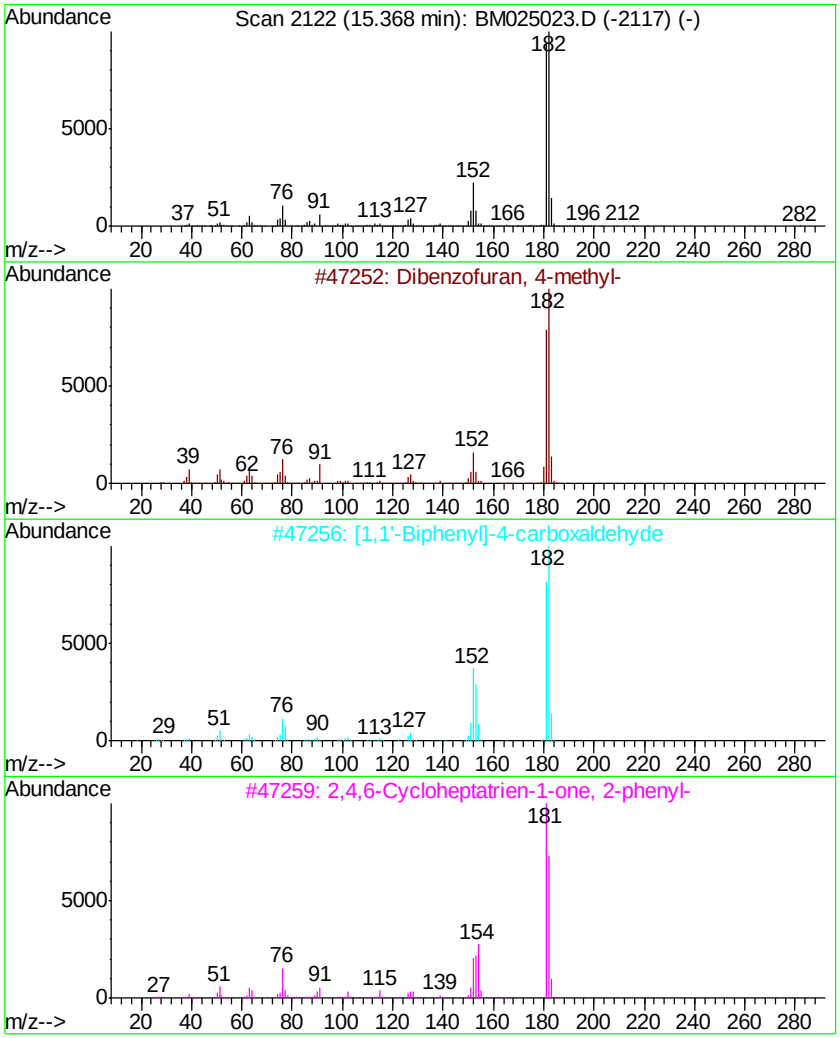
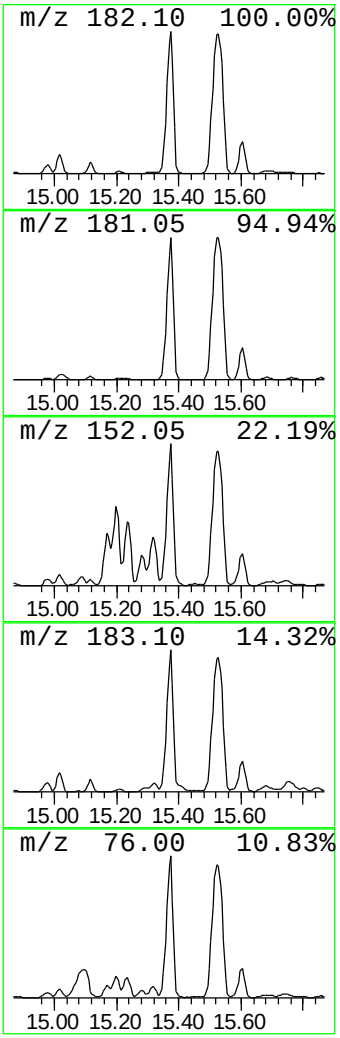
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	184.10 ng/ul	46216900	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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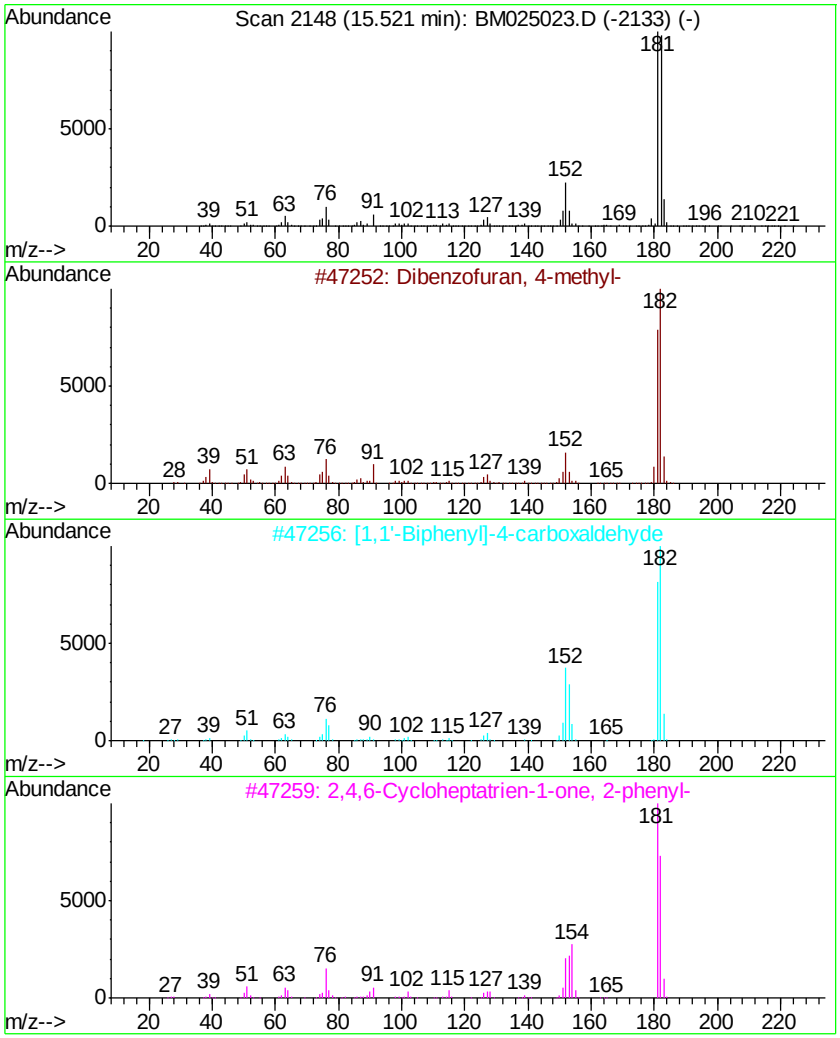
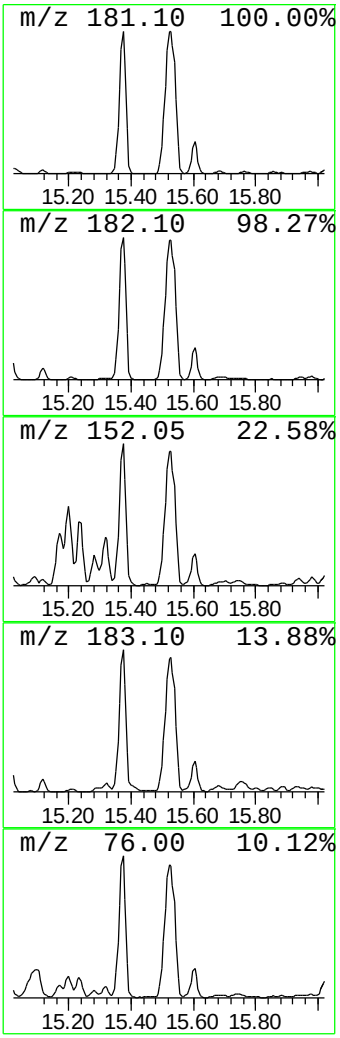
Peak Number 17 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.39 ng/ul	70221800	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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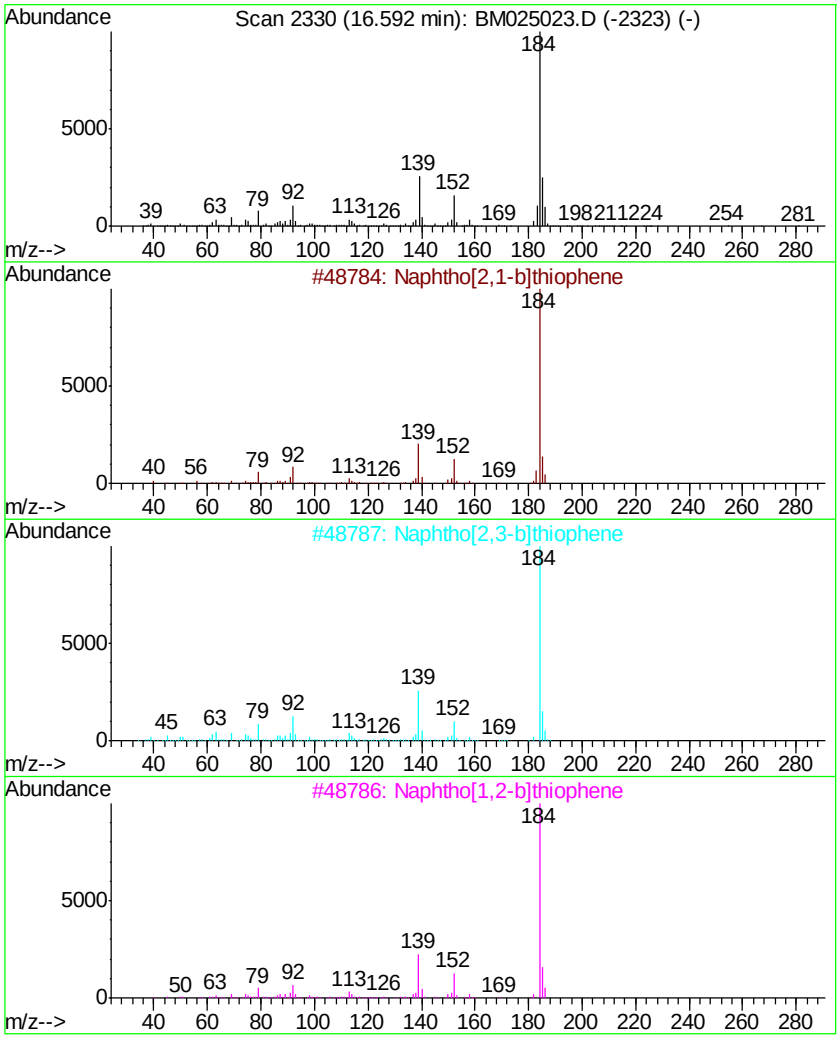
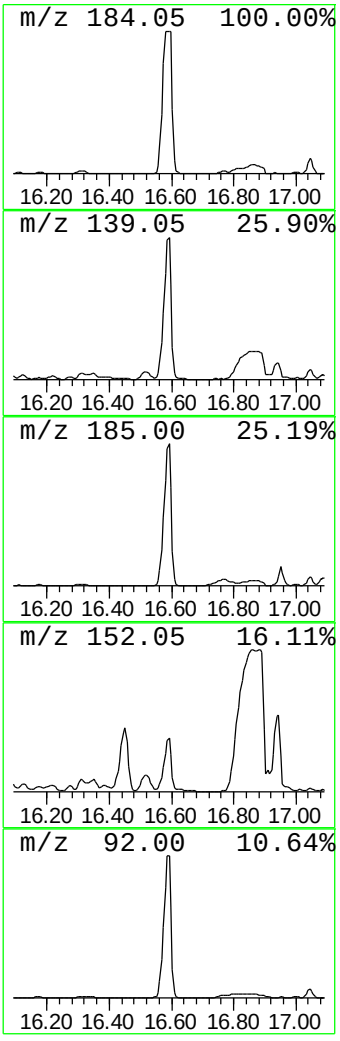
Peak Number 19 Naphtho[2,1-b]thiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	4.33 ng/ul	56366400	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

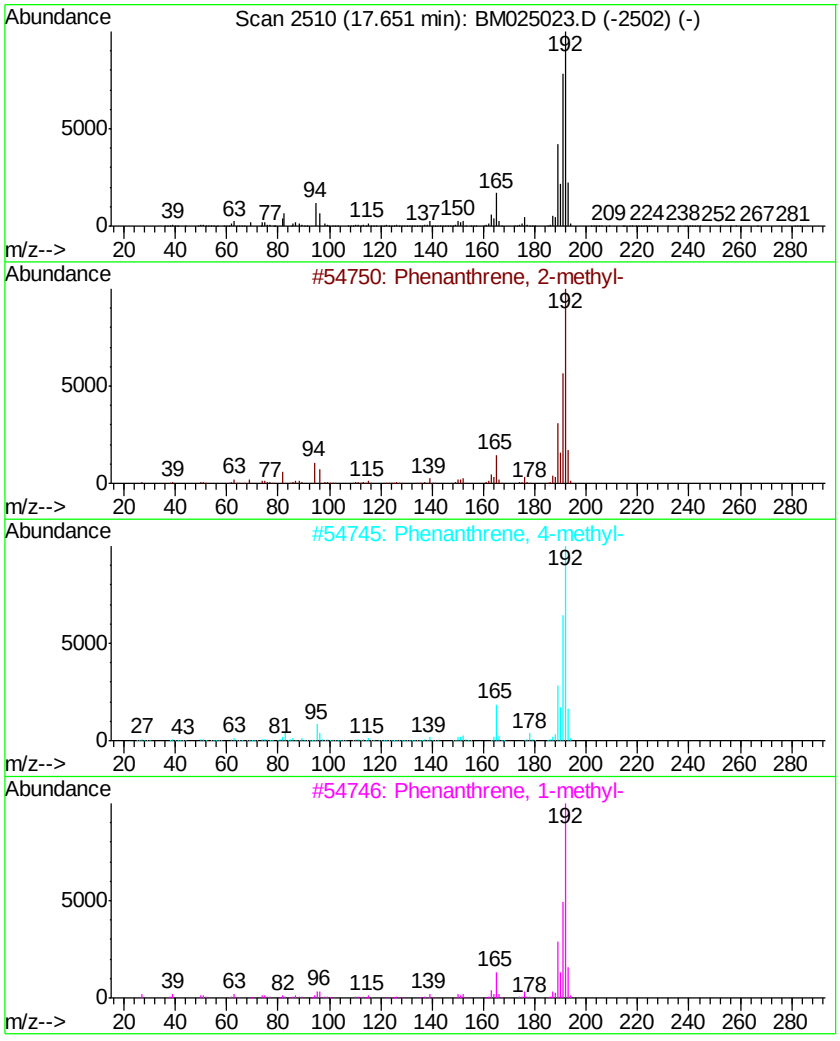
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

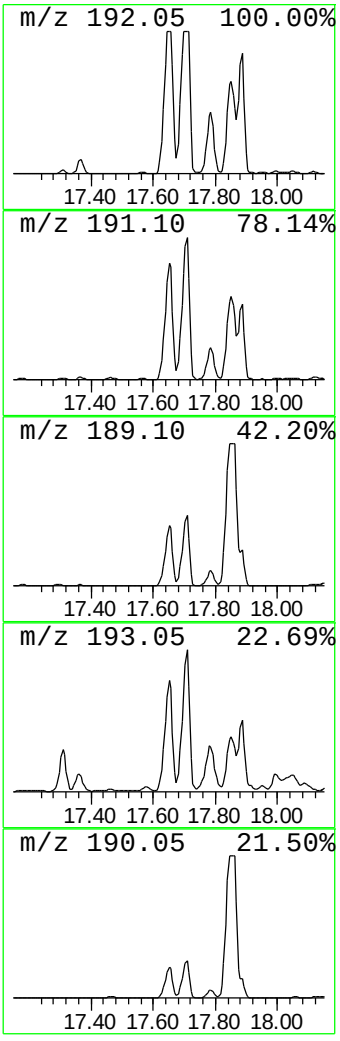
****

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	4.73 ng/ul	61567200	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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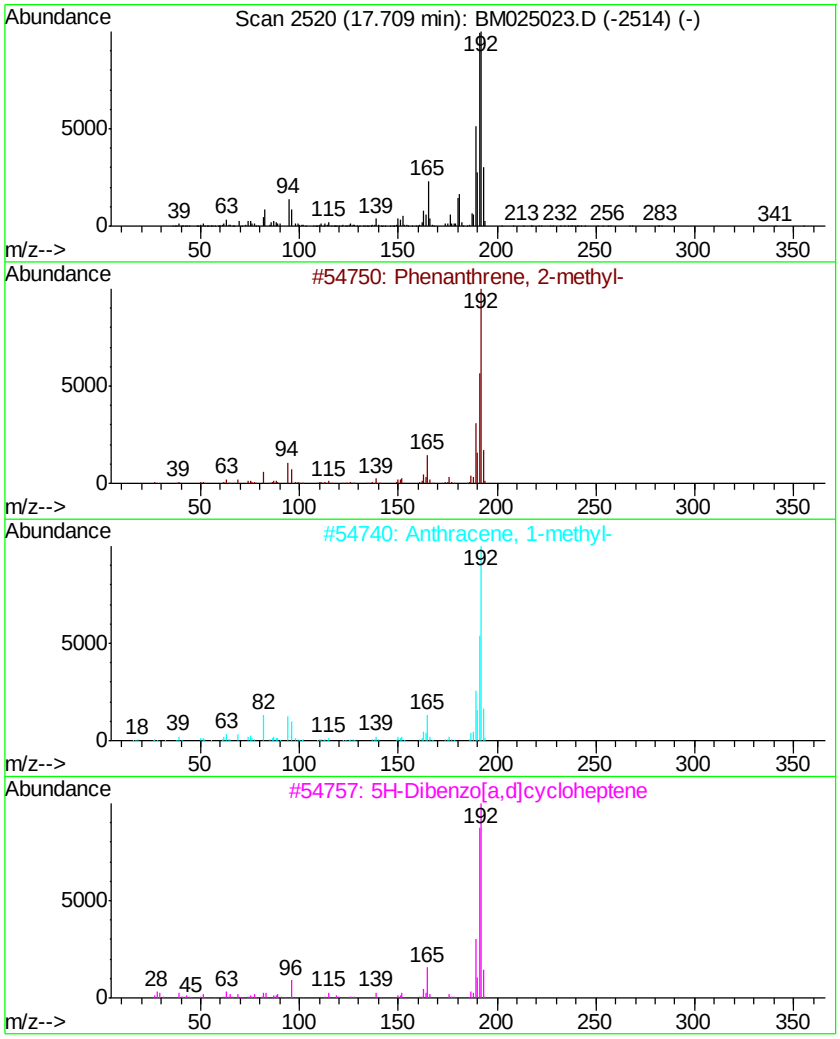
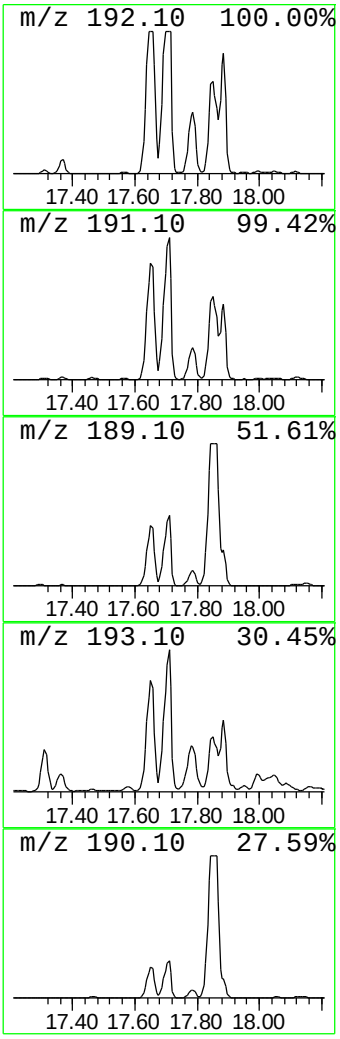
Peak Number 21 Anthracene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	5.71 ng/ul	74434400	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	64
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	62





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

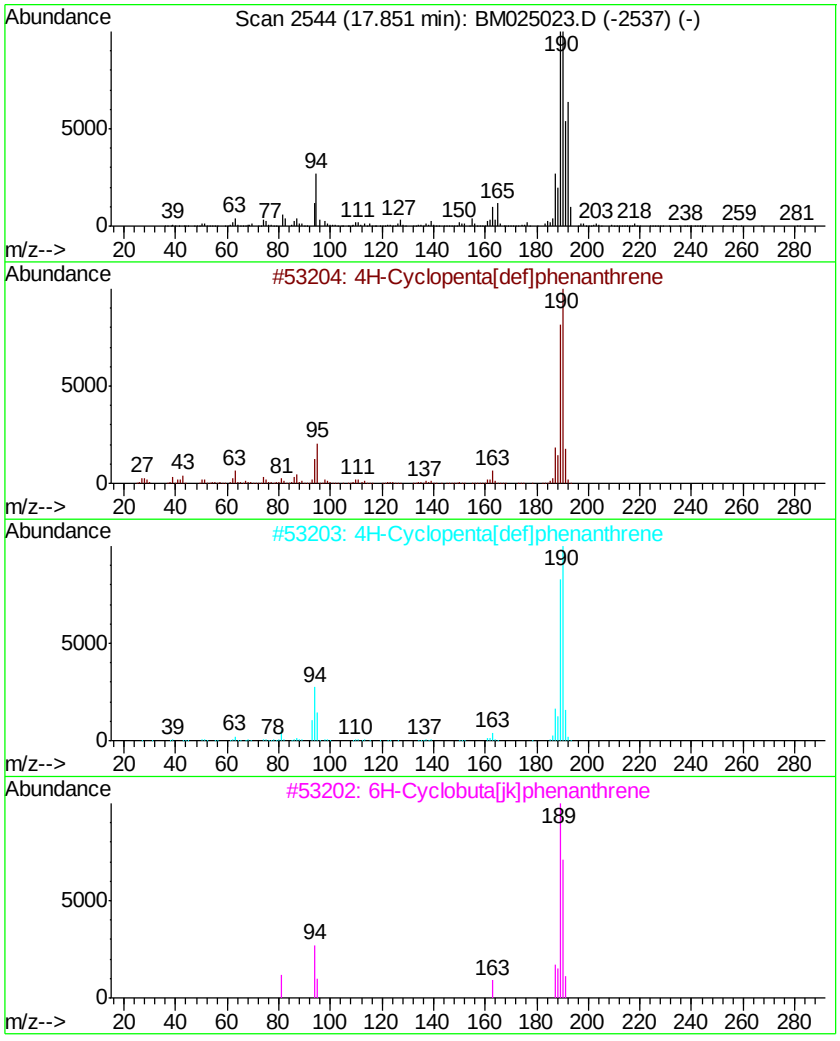
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

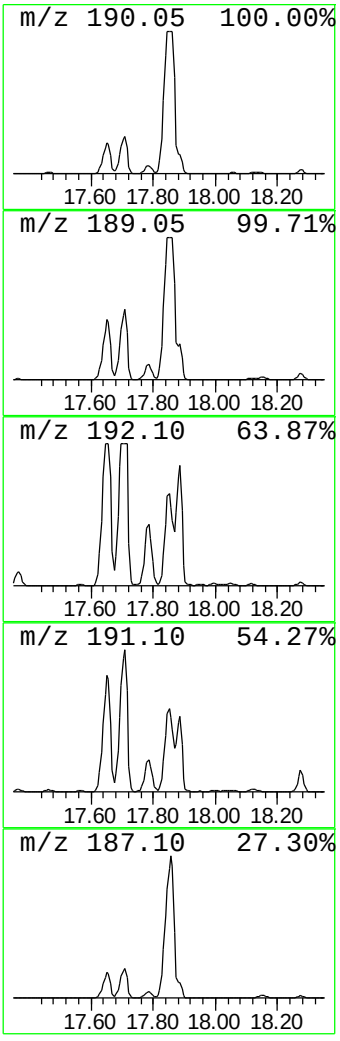
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	7.94 ng/ul	103499000	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.05 ng/ul	39713700	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
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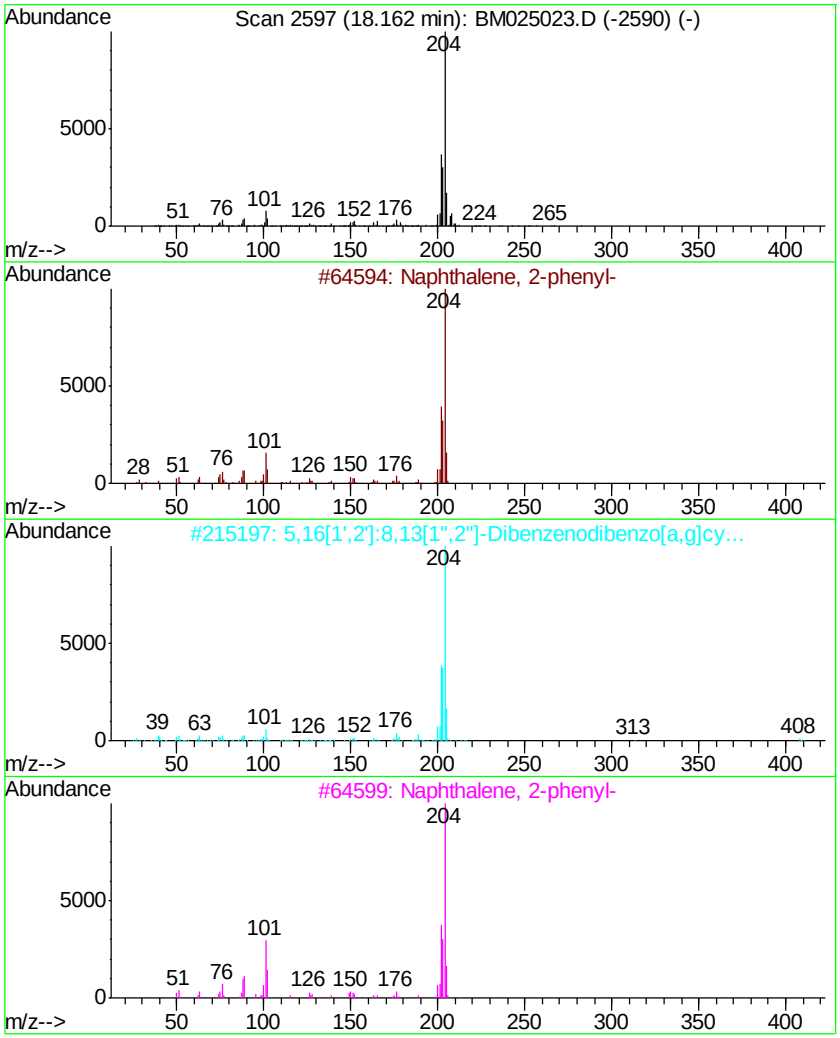
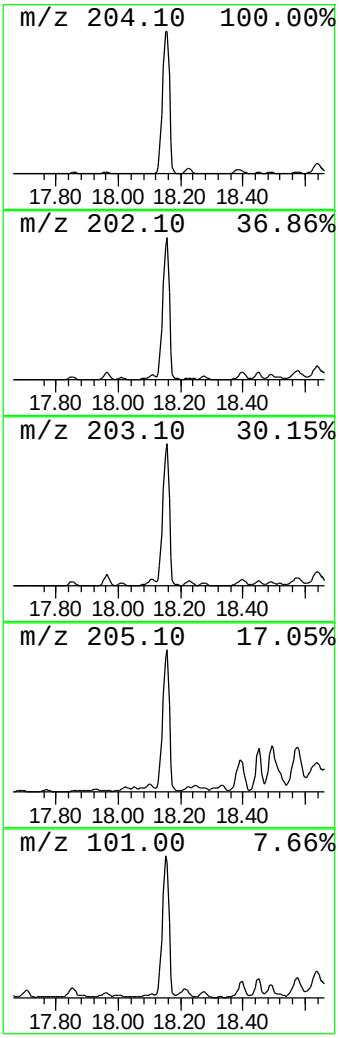
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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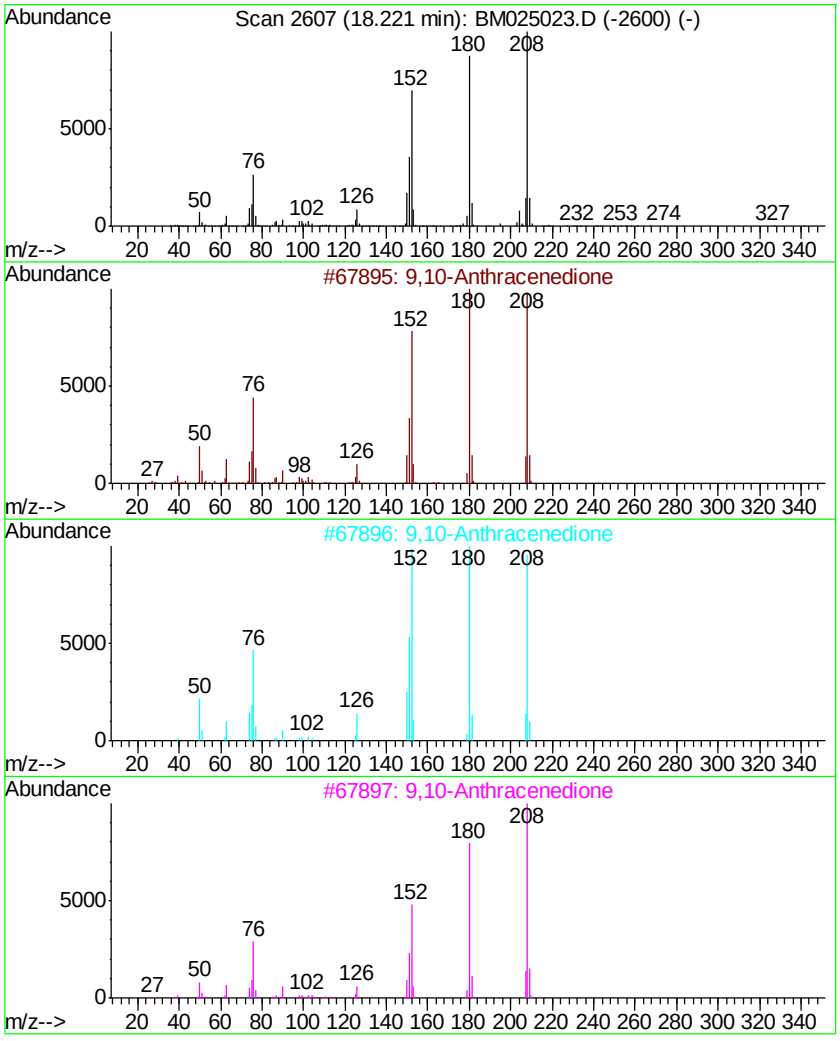
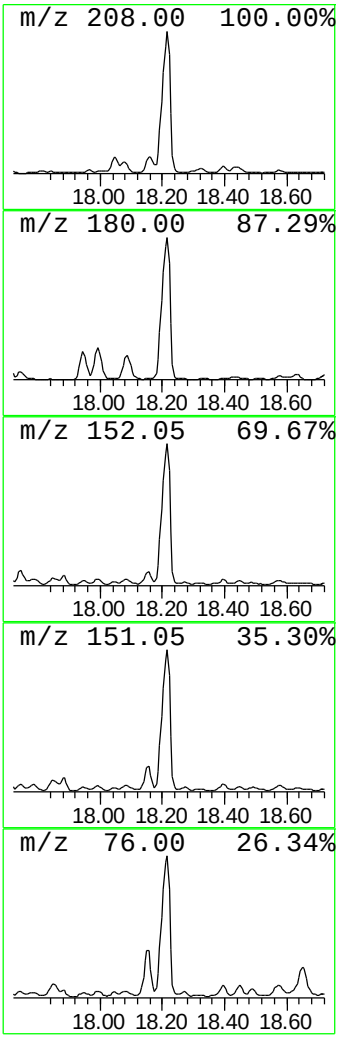
Peak Number 24 9,10-Anthracenedione Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.45 ng/ul	31961800	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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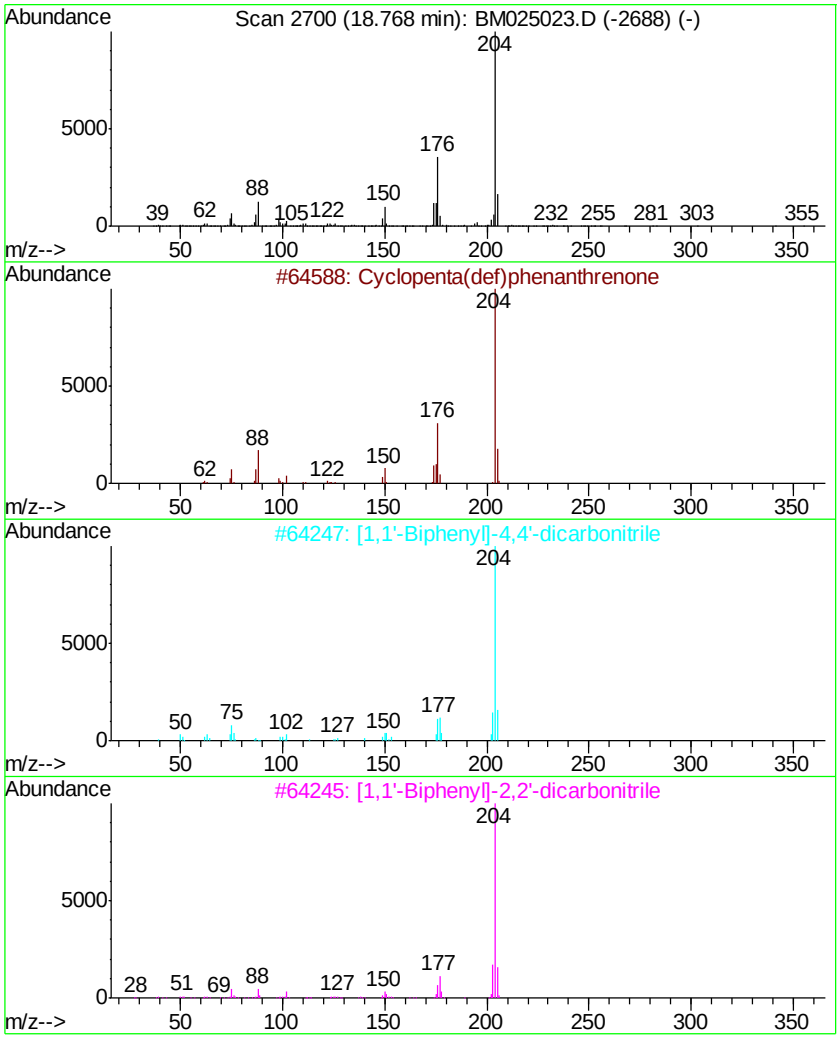
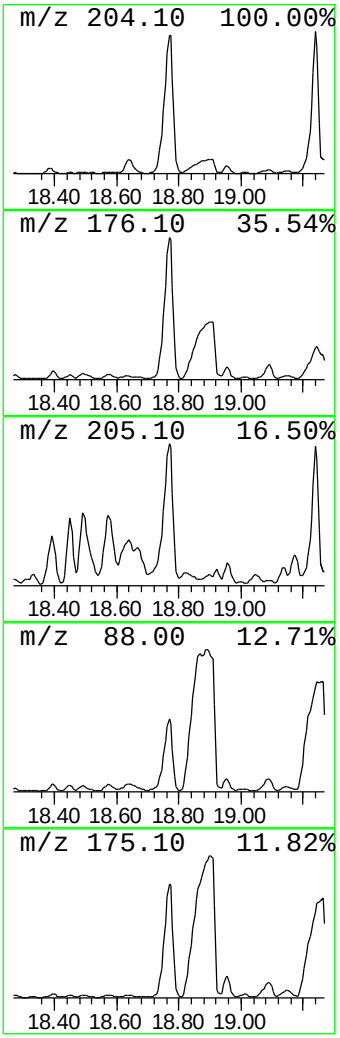
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.95 ng/ul	38399500	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45





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Operator : CG/JU
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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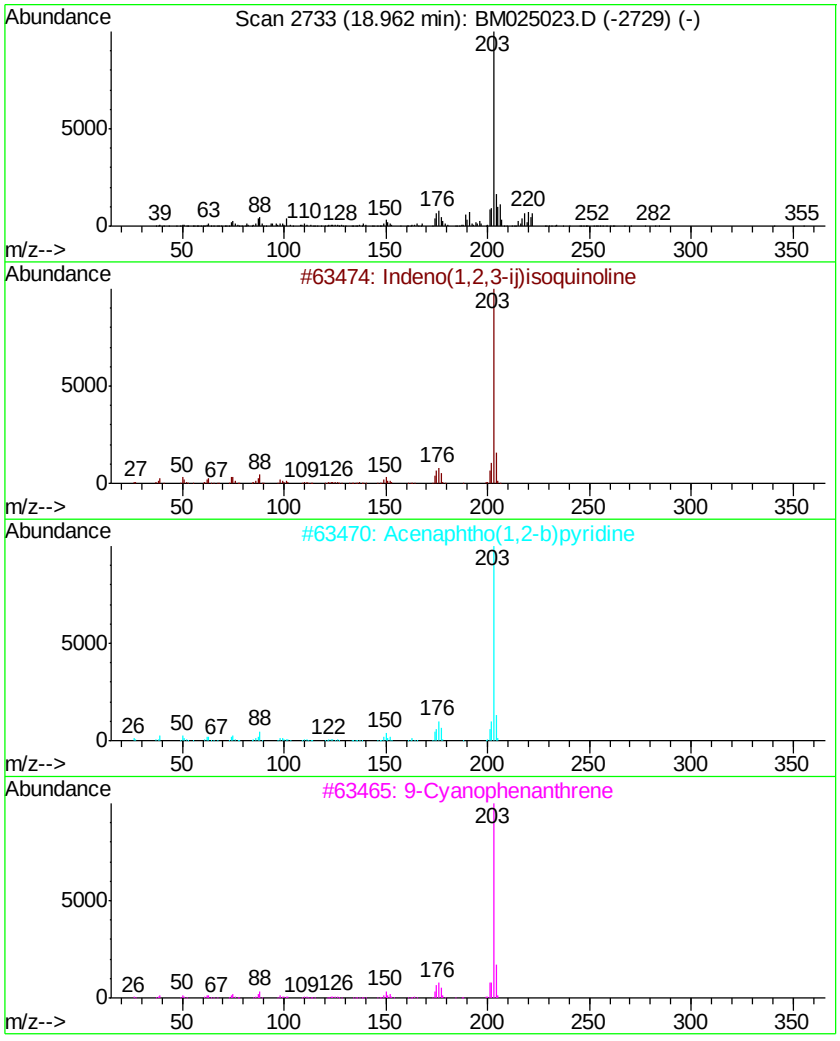
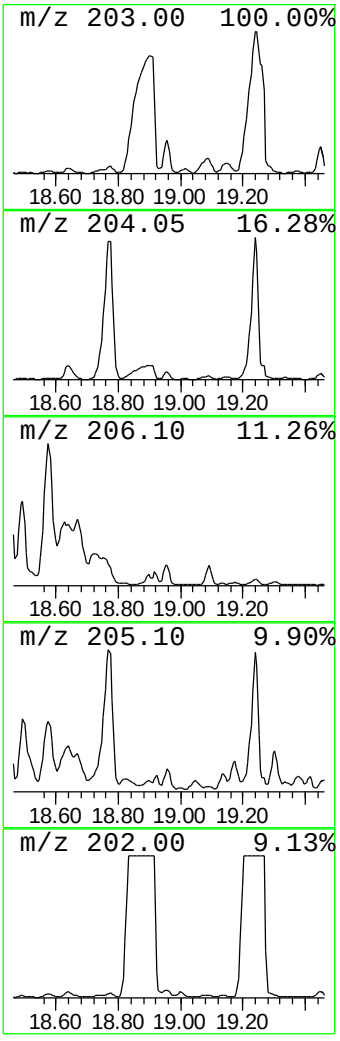
Peak Number 26 Indeno(1,2,3-ij)isoquinoline Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.11 ng/ul	8294890	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	93
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	93
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	92
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	91





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Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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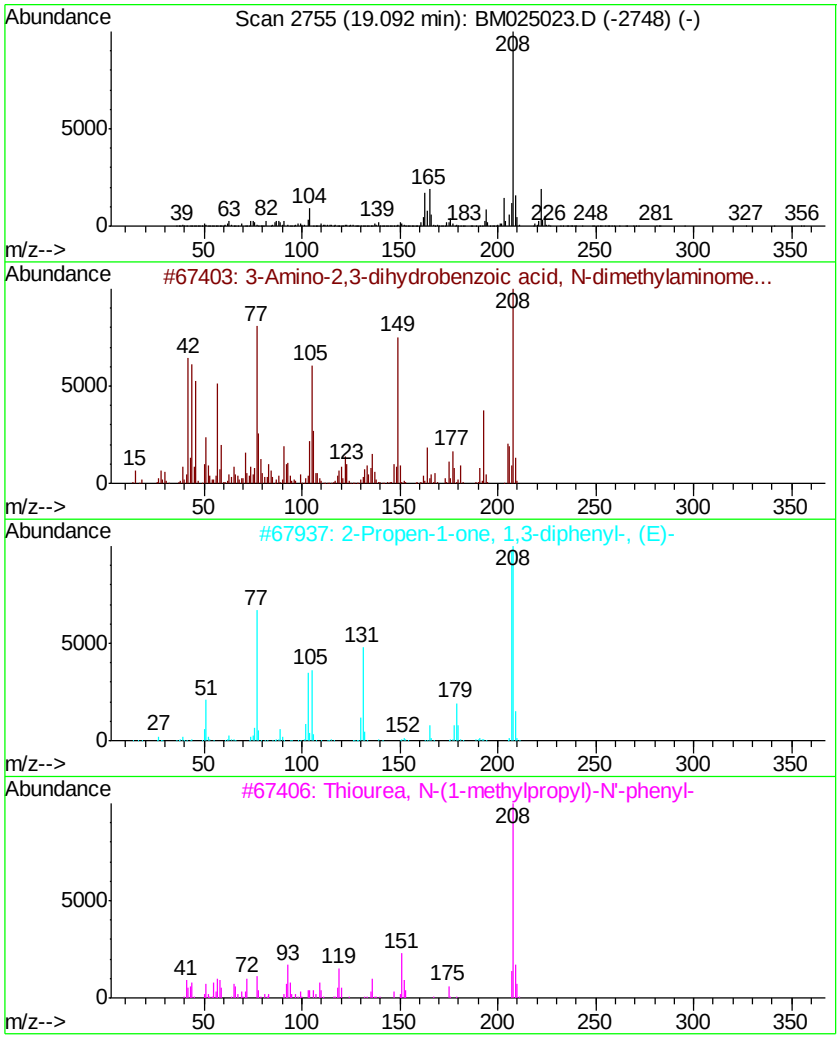
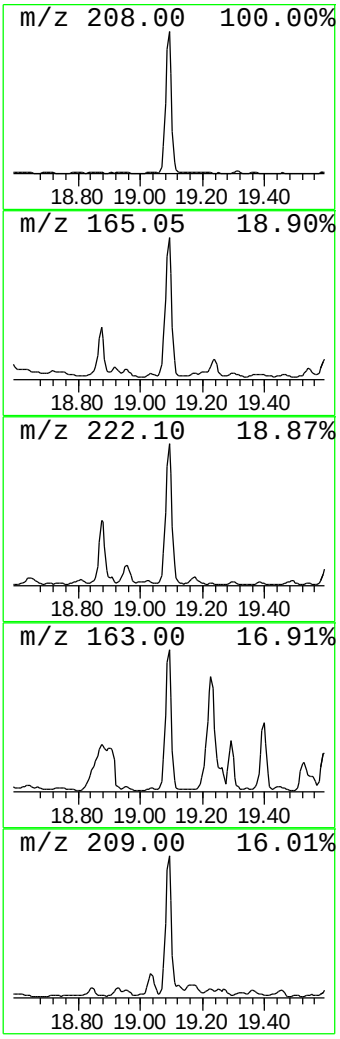
Peak Number 27 3-Amino-2,3-dihydrobenzoic ... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	6.61 ng/ul	25960100	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-2,3-dihydrobenzoic acid,...	208	C11H16N2O2	1000375-82-0	58
2	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	53
3	Thiourea, N-(1-methylpropyl)-N'-...	208	C11H16N2S	015093-37-5	53
4	Isoelemicin	208	C12H16O3	000487-12-7	50
5	Pyrimidine, 2-(2,4-difluoropheno...	208	C10H6F2N2O	1000260-37-2	50





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Sample : L1507-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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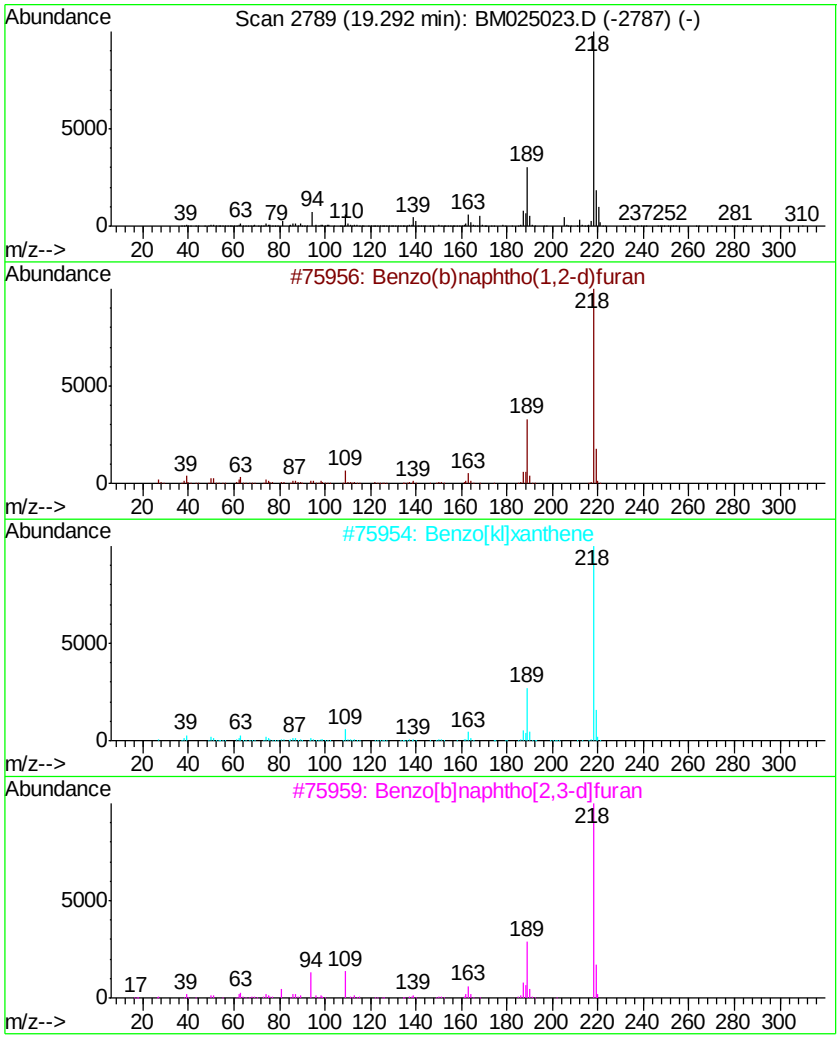
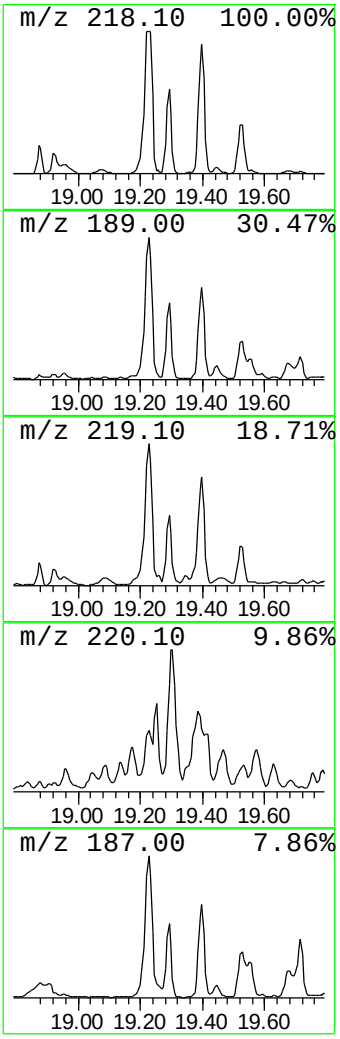
Peak Number 28 Benzo(b)naphtho(1,2-d)furan Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.90 ng/ul	15316600	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	91
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	87





Library Search Compound Report

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Sample : L1507-20
Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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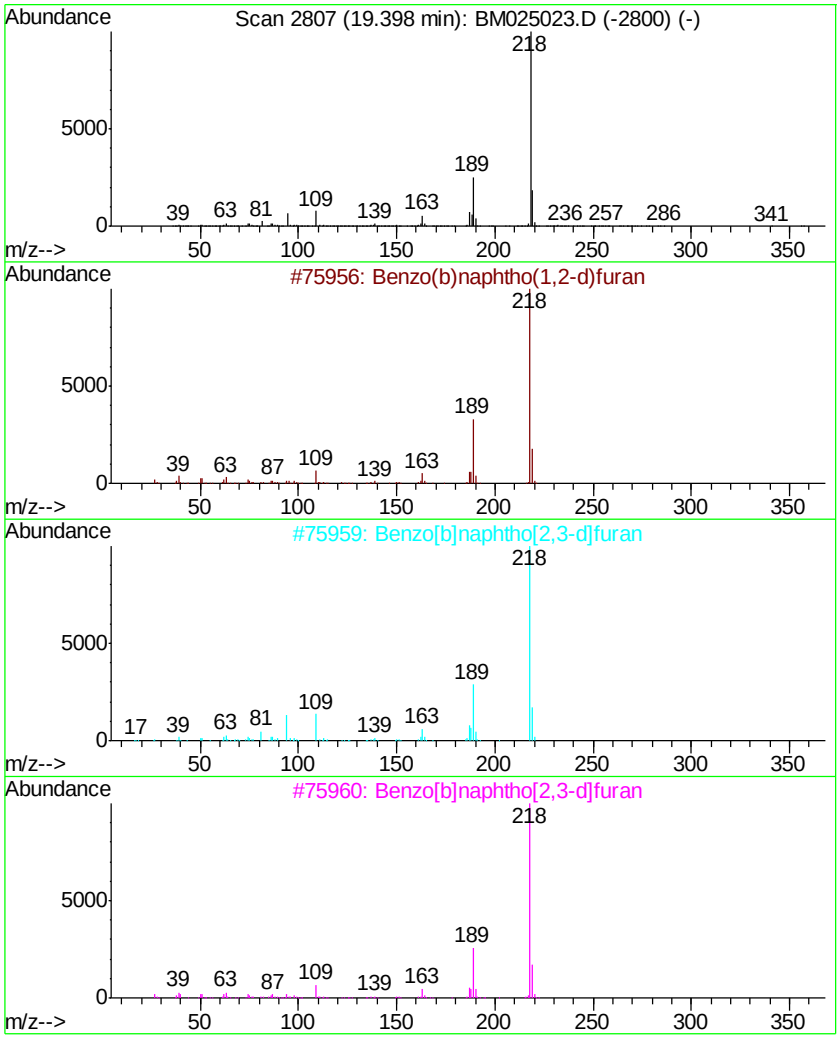
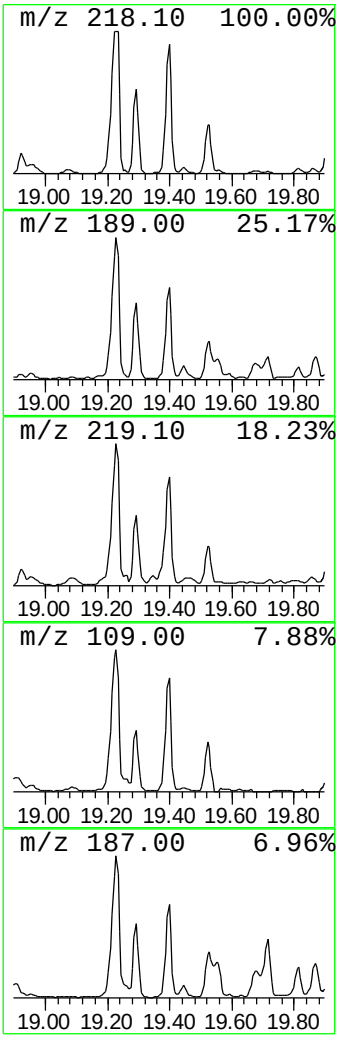
Peak Number 29 Benzo[b]naphtho[2,3-d]furan Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	5.61 ng/ul	22018200	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	96
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94





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Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId : DBD18

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Quant Title : SVOA CALIBRATION

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

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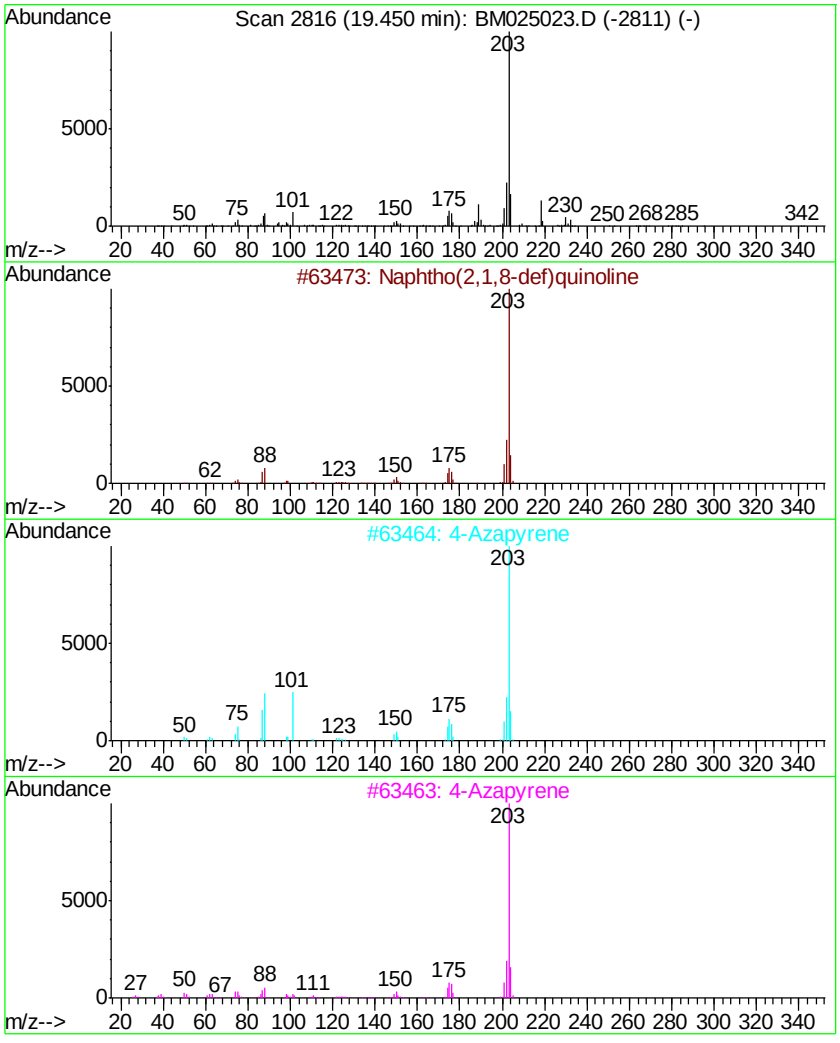
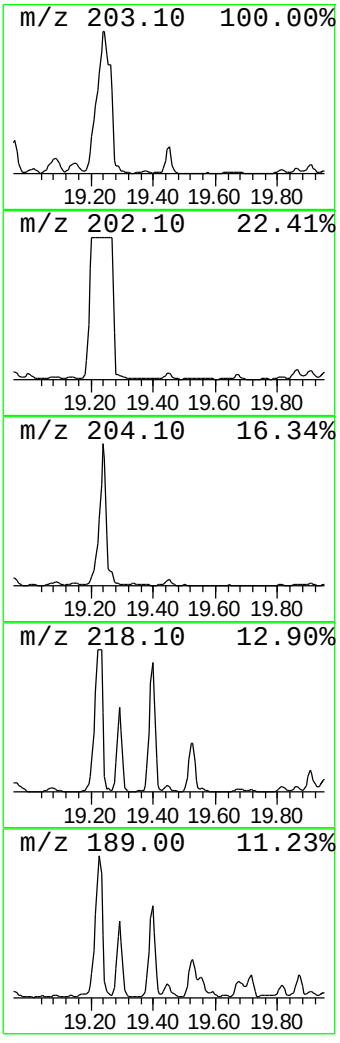
Peak Number 30 Naphtho(2,1,8-def)quinoline Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.13 ng/ul	8346010	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
2	4-Azapyrene	203	C15H9N	000194-03-6	93
3	4-Azapyrene	203	C15H9N	000194-03-6	90
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	76
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025023.D
Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

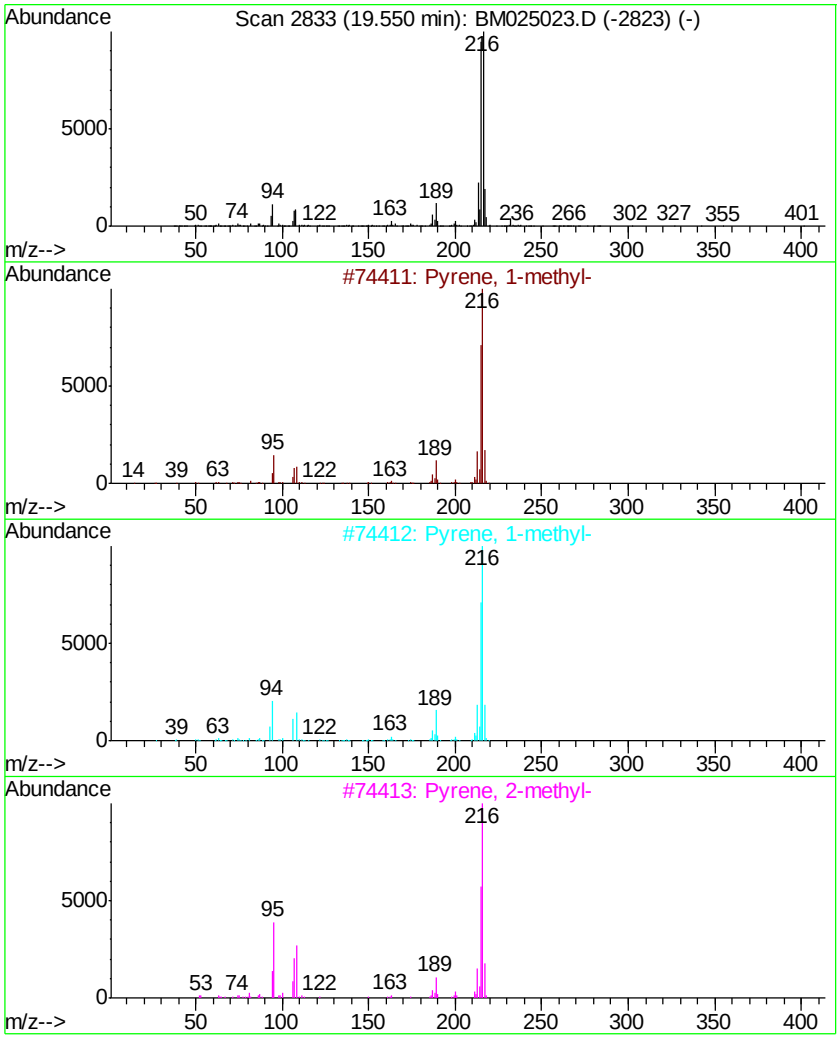
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

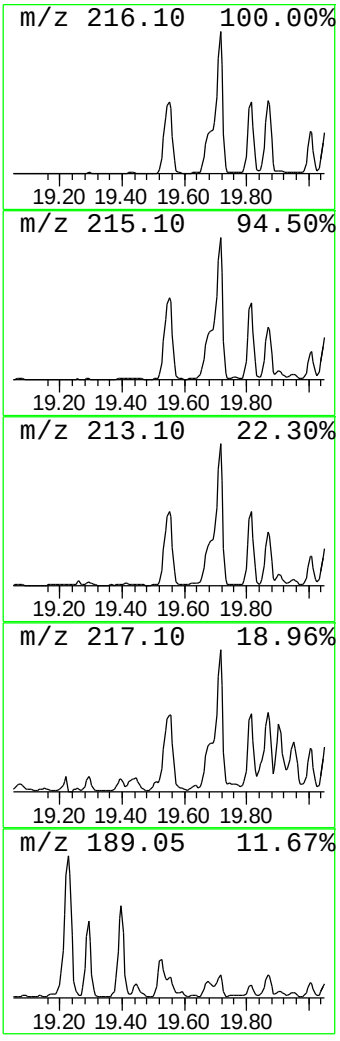
****

Peak Number 31 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	8.31 ng/ul	32604400	Chrysene-d12	20.99

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	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025023.D
Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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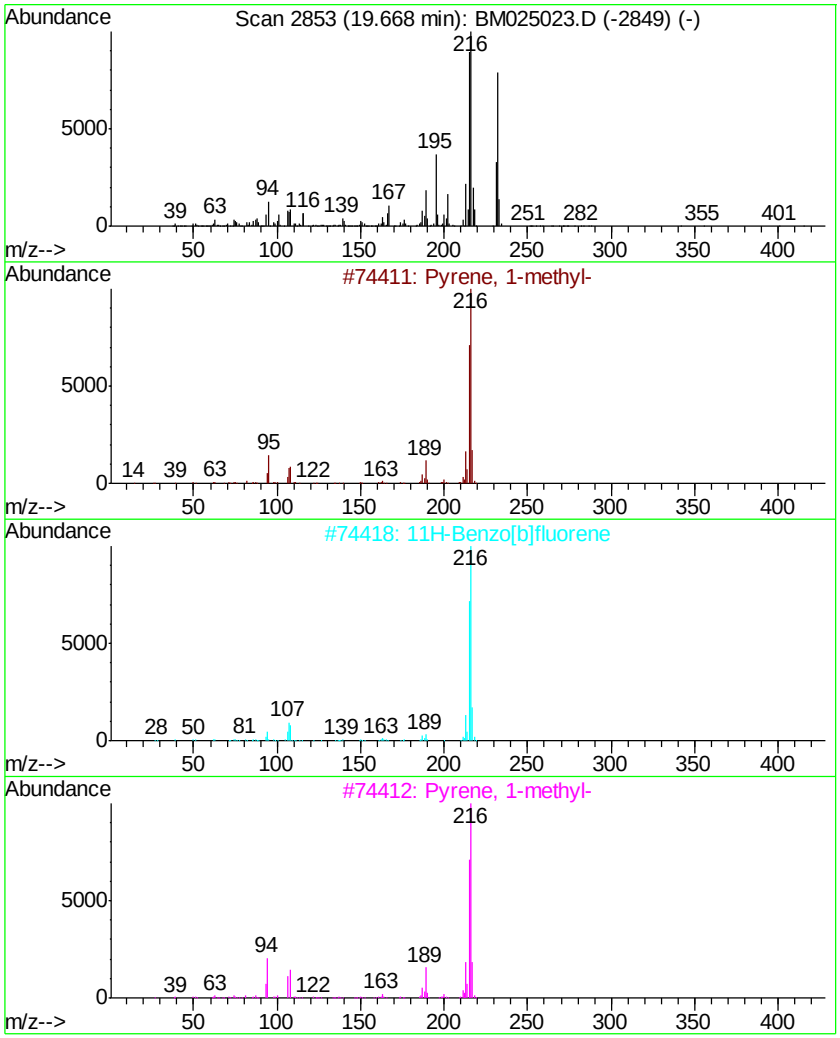
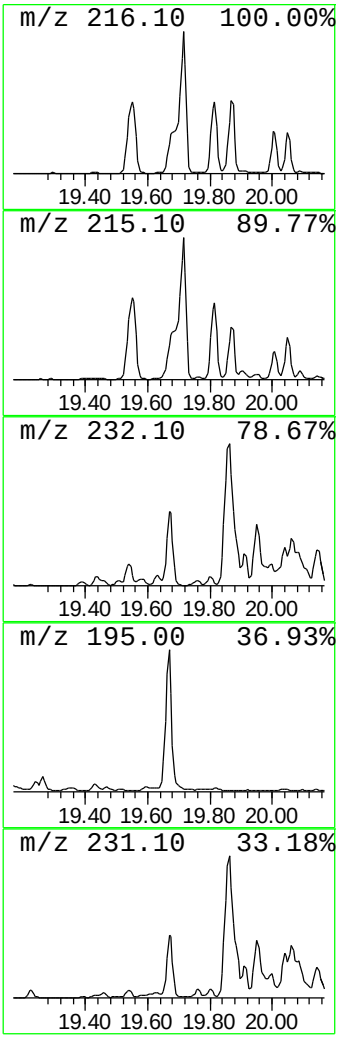
Peak Number 32 11H-Benzo[b]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.73 ng/ul	18584700	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Data File : BM025023.D
Acq On : 22 Feb 2020 12:56
Operator : CG/JU
Sample : L1507-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD18

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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, 1-me...	12.00	17.2	ng/ul	42548400	2	10.09	49419900	20.0
Naphthalene, 1-et...	13.02	61.8	ng/ul	15505200	3	14.00	5020810	20.0
Naphthalene, 2,7-...	13.16	110.8	ng/ul	27820100	3	14.00	5020810	20.0
Naphthalene, 1,6-...	13.33	177.0	ng/ul	44443700	3	14.00	5020810	20.0
Naphthalene, 1,5-...	13.37	101.8	ng/ul	25550600	3	14.00	5020810	20.0
Naphthalene, 1,7-...	13.56	65.2	ng/ul	16368000	3	14.00	5020810	20.0
Naphthalene, 2,6-...	13.59	21.7	ng/ul	5440870	3	14.00	5020810	20.0
1-Naphthalenecarb...	14.15	45.8	ng/ul	11498800	3	14.00	5020810	20.0
1-Isopropenylnaph...	14.32	53.5	ng/ul	13440700	3	14.00	5020810	20.0
Naphthalene, 1,6,...	14.50	35.0	ng/ul	8774350	3	14.00	5020810	20.0
Naphthalene, 2,3,...	14.64	32.3	ng/ul	8117580	3	14.00	5020810	20.0
Naphthalene, 1,4,...	14.69	28.3	ng/ul	7096110	3	14.00	5020810	20.0
Naphthalene, 1-(2...	15.28	28.4	ng/ul	7117450	3	14.00	5020810	20.0
Diphenylmethane	15.32	62.9	ng/ul	15798500	3	14.00	5020810	20.0
Dibenzofuran, 4-m...	15.37	184.1	ng/ul	46216900	3	14.00	5020810	20.0
[1,1'-Biphenyl]-4...	15.52	5.4	ng/ul	70221800	4	16.79	260570000	20.0
Naphtho[2,1-b]thi...	16.59	4.3	ng/ul	56366400	4	16.79	260570000	20.0
Phenanthrene, 2-m...	17.65	4.7	ng/ul	61567200	4	16.79	260570000	20.0
Anthracene, 1-met...	17.71	5.7	ng/ul	74434400	4	16.79	260570000	20.0
4H-Cyclopenta[def...	17.85	7.9	ng/ul	103499000	4	16.79	260570000	20.0
Naphthalene, 2-ph...	18.16	3.0	ng/ul	39713700	4	16.79	260570000	20.0
9,10-Anthracenedione	18.22	2.5	ng/ul	31961800	4	16.79	260570000	20.0
Cyclopenta(def)ph...	18.77	3.0	ng/ul	38399500	4	16.79	260570000	20.0
Indeno(1,2,3-ij)i...	18.96	2.1	ng/ul	8294890	5	20.99	78506700	20.0
3-Amino-2,3-dihyd...	19.09	6.6	ng/ul	25960100	5	20.99	78506700	20.0
Benzo(b)naphtho(1...	19.29	3.9	ng/ul	15316600	5	20.99	78506700	20.0
Benzo[b]naphtho[2...	19.40	5.6	ng/ul	22018200	5	20.99	78506700	20.0
Naphtho(2,1,8-def...	19.45	2.1	ng/ul	8346010	5	20.99	78506700	20.0
Pyrene, 1-methyl-	19.55	8.3	ng/ul	32604400	5	20.99	78506700	20.0
11H-Benzo[b]fluorene	19.67	4.7	ng/ul	18584700	5	20.99	78506700	20.0