LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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-BM101419MA.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	6.828	646	653	661	rVV2	888652	1654116	1.81%	0.264%
2	7.192	706	715	722	rBV	871411	1403751	1.54%	0.224%
3	7.657	786	794	800	rBV	1553498	2464231	2.70%	0.394%
4	8.028	850	857	867	rVB	2317982	3698797	4.05%	0.591%
5	8.186	874	884	893	rBV	1289506	2207940	2.42%	0.353%
6	8.363	908	914	923	rVB	989076	1597787	1.75%	0.255%
7	8.804	984	989	993	rVV	744862	1289878	1.41%	0.206%
8	9.128	1031	1044	1050	rBV	702941	1520976	1.67%	0.243%
9	9.845	1156	1166	1177	rBV3	566479	1311668	1.44%	0.210%
10	10.063	1196	1203	1213	rVB	997176	1762900	1.93%	0.282%
11	10.445	1259	1268	1270	rVV	1823196	3412387	3.74%	0.545%
12	10.510	1270	1279	1285	rVV2	40981089	91263819	100.00%	14.579%
13	10.569	1285	1289	1291	rVV	821439	1293288	1.42%	0.207%
14	10.604	1291	1295	1306	rVV	3291205	5944391	6.51%	0.950%
15	12.110	1543	1551	1559	rVB	15268824	25341314	27.77%	4.048%
16	12.333	1577	1589	1596	rBV	7915794	12801379	14.03%	2.045%
17	13.133	1716	1725	1738	rBV	3605267	5630041	6.17%	0.899%
18	13.333	1752	1759	1770	rVB	1181978	2159905	2.37%	0.345%
19	13.468	1771	1782	1783	rBV2	1778192	2839511	3.11%	0.454%
20	13.627	1799	1809	1814	rBV	2470351	4570489	5.01%	0.730%
21	13.680	1814	1818	1821	rVV	1797121	2660075	2.91%	0.425%
22	13.716	1821	1824	1829	rVV	1671047	2506634	2.75%	0.400%
23	13.863	1844	1849	1853	rVV	1101021	1792947	1.96%	0.286%
24	13.992	1864	1871	1874	rBV	2082566	3407102	3.73%	0.544%
25	14.021	1874	1876	1883	rVB2	1544738	2018356	2.21%	0.322%
26	14.298	1916	1923	1929	rVV3	3000906	6125693	6.71%	0.979%
27	14.368	1929	1935	1944	rVV	13857930	20653268	22.63%	3.299%
28	14.504	1952	1958	1969	rVV2	472812	1443988	1.58%	0.231%
29	14.615	1969	1977	1982	rVV2	597397	1111306	1.22%	0.178%
30	14.704	1982	1992	2001	rVV	10346530	15686607	17.19%	2.506%
31	14.786	2001	2006	2015	rVV	834411	1281479	1.40%	0.205%
32	15.298	2087	2093	2097	rVV	2765598	4149859	4.55%	0.663%
33	15.357	2097	2103	2108	rVV	12439724	17235286	18.89%	2.753%
34	15.480	2121	2124	2127	rVV	806119	1161972	1.27%	0.186%

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Misc :
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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	15.515	2127	2130	2135	rVV	1438467	2083890	2.28%	0.333%
36	15.604	2141	2145	2149	rVV	921678	1358332	1.49%	0.217%
37	15.651	2149	2153	2164	rVB	2010170	2970256	3.25%	0.474%
38	15.798	2173	2178	2187	rVB	2040446	4184769	4.59%	0.669%
39	16.145	2232	2237	2245	rBV3	693892	1161725	1.27%	0.186%
40	16.357	2261	2273	2278	rBV2	1525471	3531261	3.87%	0.564%
41	16.409	2278	2282	2287	rVV	688884	1053968	1.15%	0.168%
42	16.509	2293	2299	2304	rVB3	654172	1186225	1.30%	0.189%
43	16.804	2341	2349	2353	rBV2	942830	2180629	2.39%	0.348%
44	16.862	2353	2359	2364	rBV	2220907	3421506	3.75%	0.547%
45	17.051	2385	2391	2393	rBV	3198294	4657756	5.10%	0.744%
46	17.098	2393	2399	2404	rVV	34896932	53997833	59.17%	8.626%
47	17.151	2404	2408	2410	rVV	2915776	4138062	4.53%	0.661%
48	17.180	2410	2413	2419	rVV	5186723	6891149	7.55%	1.101%
49	17.445	2454	2458	2463	rBV	2506139	3509796	3.85%	0.561%
50	17.574	2476	2480	2485	rVV3	684242	1059072	1.16%	0.169%
51	17.927	2530	2540	2544	rBV	3577766	5410225	5.93%	0.864%
52	17.974	2544	2548	2554	rVB	5221921	7041404	7.72%	1.125%
53	18.056	2555	2562	2566	rBV	1715359	2654623	2.91%	0.424%
54	18.121	2566	2573	2577	rVV2	5635479	9817676	10.76%	1.568%
55	18.156	2577	2579	2587	rVB	1890514	2121237	2.32%	0.339%
56	18.427	2620	2625	2630	rVB	2544346	3353065	3.67%	0.536%
57	18.680	2660	2668	2672	rBV	664675	1084666	1.19%	0.173%
58	18.851	2691	2697	2702	rBV	1265911	2219971	2.43%	0.355%
59	18.915	2702	2708	2711	rVV3	1187361	2129326	2.33%	0.340%
60	18.992	2716	2721	2729	rBV2	455292	1075421	1.18%	0.172%
61	19.115	2735	2742	2748	rBV	27870723	39247344	43.00%	6.270%
62	19.262	2763	2767	2771	rVB	1024608	1304770	1.43%	0.208%
63	19.350	2778	2782	2789	rBV3	671877	1116192	1.22%	0.178%
64	19.450	2793	2799	2800	rBV	8836058	11902414	13.04%	1.901%
65	19.480	2800	2804	2812	rVB	19278577	28541538	31.27%	4.559%
66	19.550	2812	2816	2824	rVB2	1239546	2105610	2.31%	0.336%
67	19.656	2824	2834	2841	rBV	1616105	2607041	2.86%	0.416%
68	19.803	2852	2859	2865	rBV2	1641035	4212764	4.62%	0.673%
69	19.939	2877	2882	2884	rVV3	1367391	2138152	2.34%	0.342%
70	19.974	2884	2888	2894	rVB	6171727	8525660	9.34%	1.362%
71	20.074	2900	2905	2909	rVV	6057424	7755286	8.50%	1.239%

LSC Area Percent Report

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ClientSampleId : ETOK2

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	20.133	2909	2915	2919	rVV2	2555641	4153639	4.55%	0.664%
73	20.174	2919	2922	2926	rVV	810782	1078328	1.18%	0.172%
74	20.274	2934	2939	2942	rBV	1018790	1334542	1.46%	0.213%
75	20.315	2942	2946	2951	rVV2	1129841	1769973	1.94%	0.283%
76	20.574	2986	2990	2992	rVV	818977	1252232	1.37%	0.200%
77	20.603	2992	2995	2999	rVV2	1074952	1693392	1.86%	0.271%
78	20.686	3004	3009	3014	rBV	1150072	2133104	2.34%	0.341%
79	20.886	3039	3043	3047	rBV	1546211	2014448	2.21%	0.322%
80	20.927	3047	3050	3053	rVV2	2121748	2679066	2.94%	0.428%
81	20.986	3053	3060	3065	rVV5	2444579	5031689	5.51%	0.804%
82	21.033	3065	3068	3074	rVB	2125021	2413845	2.64%	0.386%
83	21.227	3096	3101	3107	rVV2	12852269	24068442	26.37%	3.845%
84	21.280	3107	3110	3117	rVB	6149181	8140992	8.92%	1.300%
85	21.397	3126	3130	3134	rBV	1395718	1937914	2.12%	0.310%
86	21.544	3151	3155	3162	rBV2	1102232	1760243	1.93%	0.281%
87	21.791	3191	3197	3201	rVV	2292948	3835838	4.20%	0.613%
88	21.839	3202	3205	3209	rVB	897309	1127124	1.24%	0.180%
89	21.939	3219	3222	3226	rVB	908698	1150912	1.26%	0.184%
90	21.986	3226	3230	3232	rVV2	852349	1253521	1.37%	0.200%
91	22.015	3232	3235	3241	rVB2	1591388	2062229	2.26%	0.329%
92	22.797	3361	3368	3372	rBV	6587345	14448615	15.83%	2.308%
93	22.962	3391	3396	3402	rVB	1316106	2116688	2.32%	0.338%
94	23.262	3441	3447	3452	rBV	3640135	6574059	7.20%	1.050%
95	23.315	3452	3456	3459	rVV	2455881	4194103	4.60%	0.670%
96	23.356	3459	3463	3469	rVB	5027926	8464345	9.27%	1.352%
97	23.450	3474	3479	3484	rVV	3367822	6373125	6.98%	1.018%
98	23.497	3484	3487	3496	rVB2	1389055	2790770	3.06%	0.446%
99	25.668	3848	3856	3866	rVB2	2193270	6344278	6.95%	1.013%
100	26.338	3964	3970	3991	rVB	1530771	4640682	5.08%	0.741%

Sum of corrected areas: 625991892

LSC Report - Integrated Chromatogram

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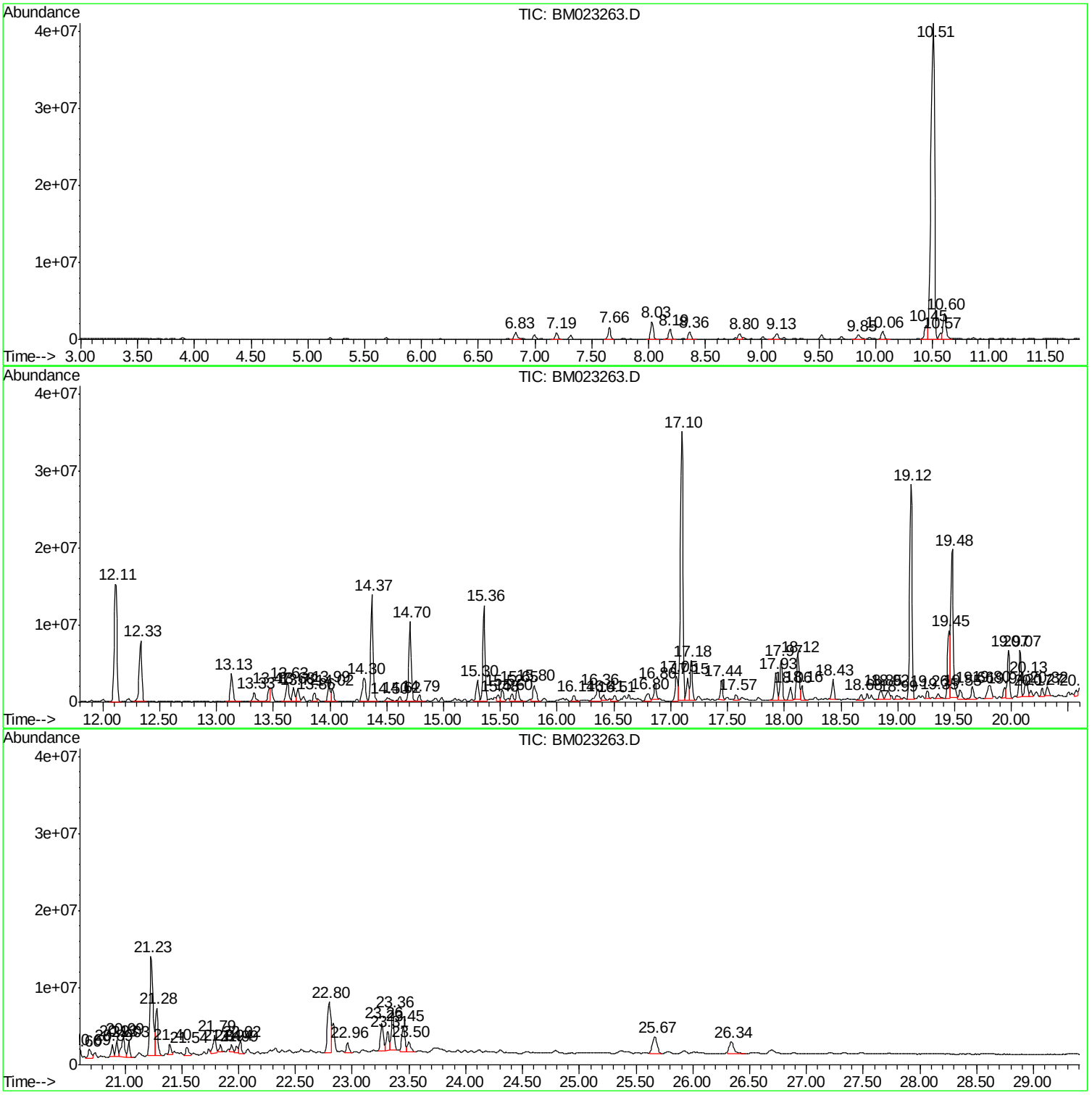
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

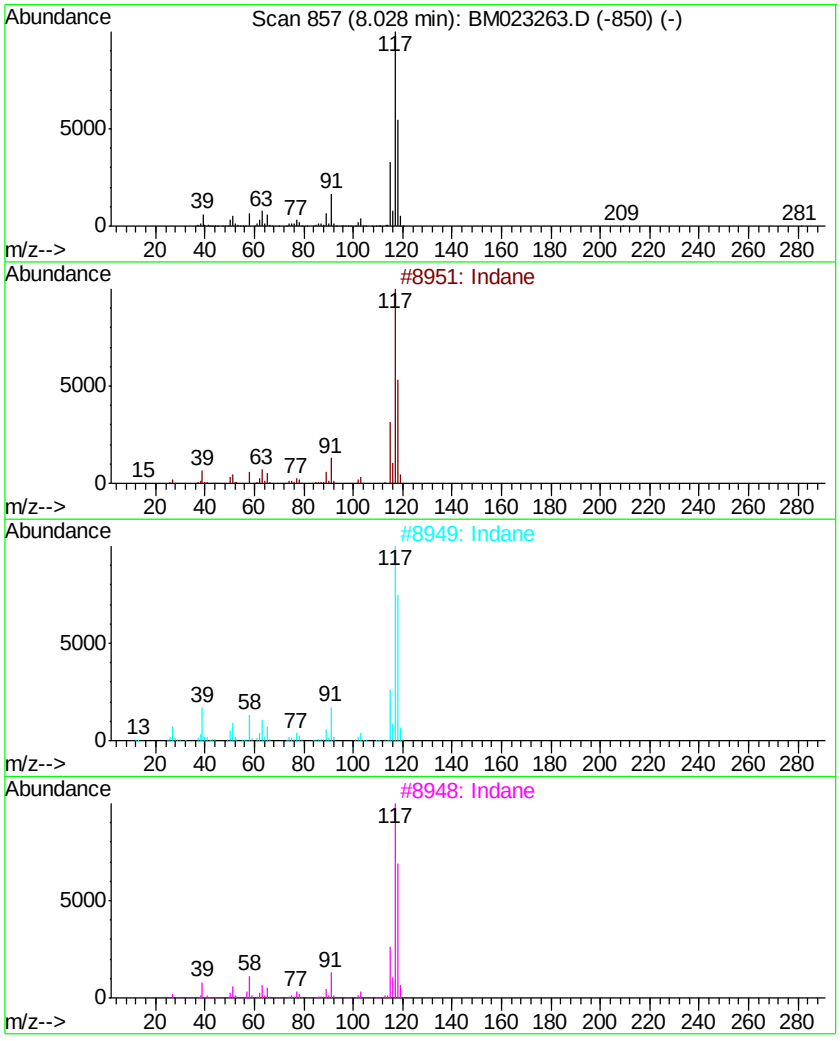
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

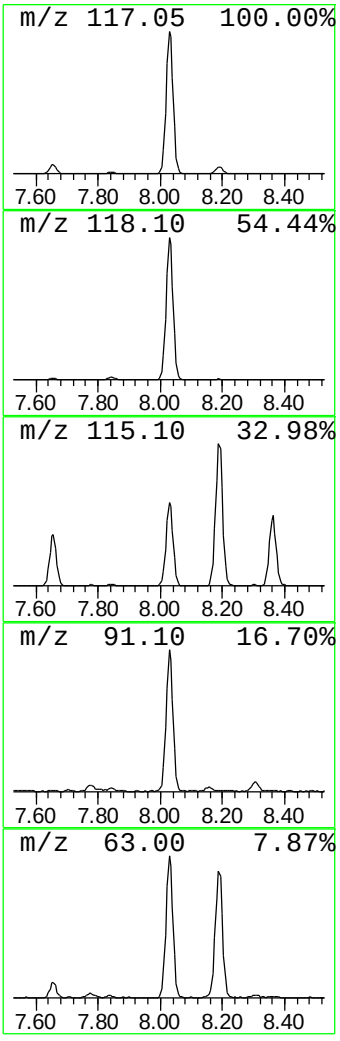
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	30.02 ng/ul	3698800	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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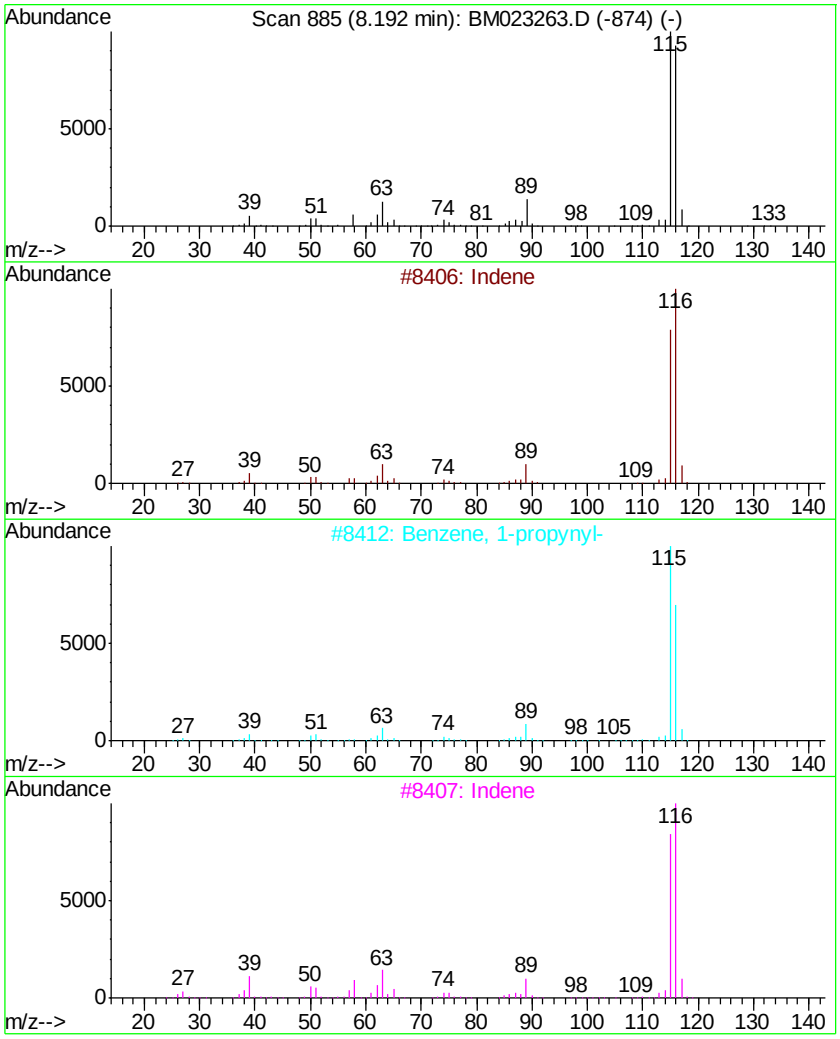
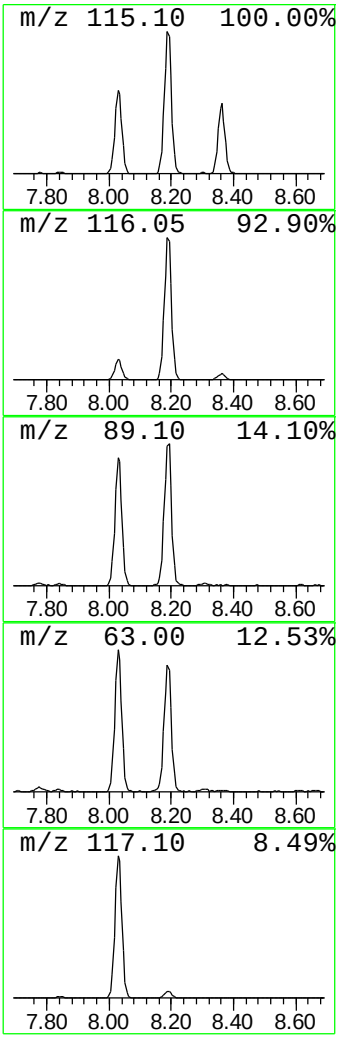
Peak Number 2 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	17.92 ng/ul	2207940	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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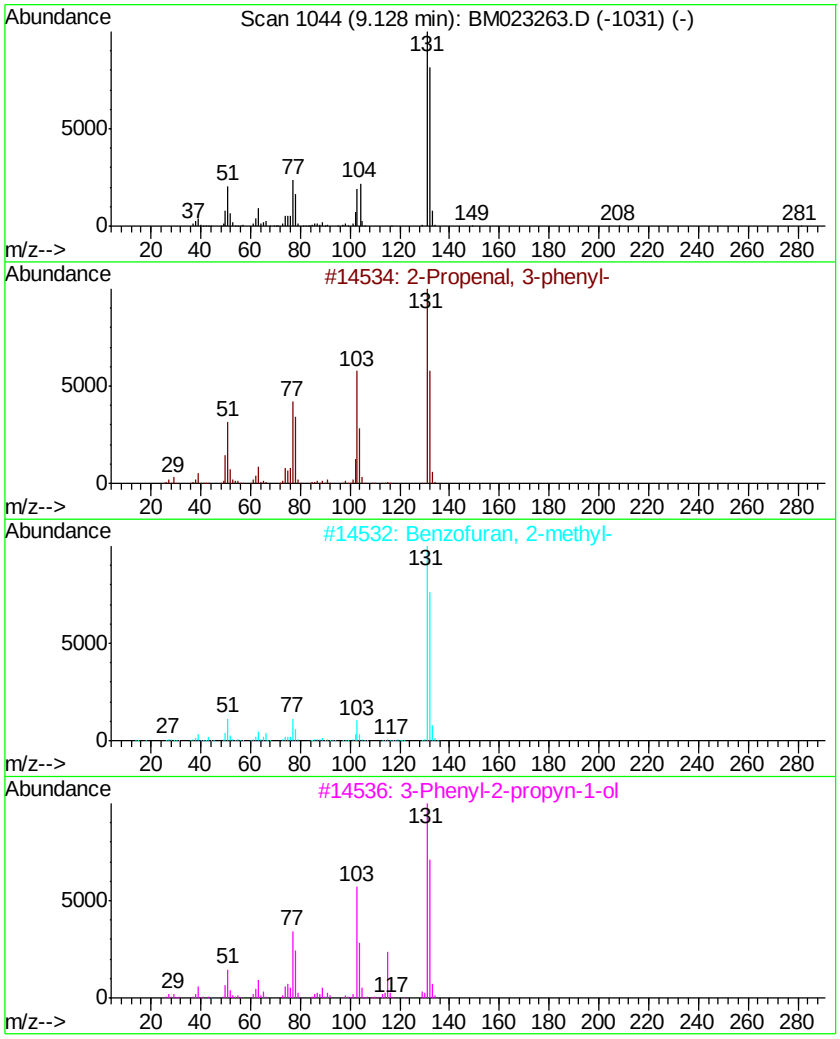
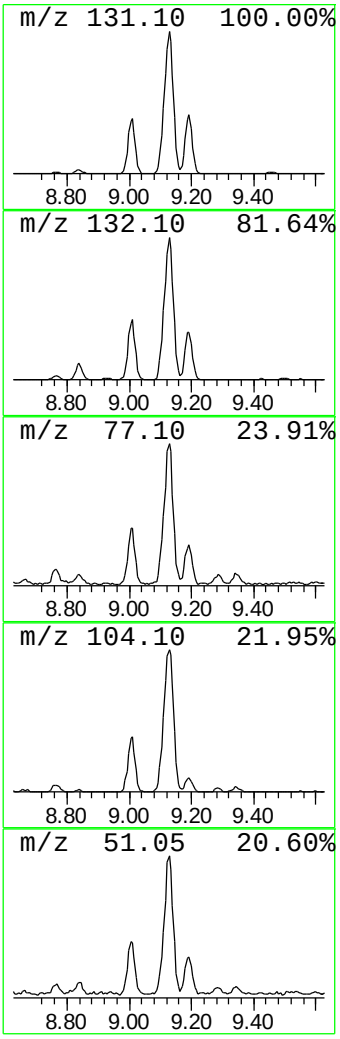
Peak Number 3 2-Propenal, 3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	8.91 ng/ul	1520980	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Instrument : BNA_M
ClientSampleId : ETOK2

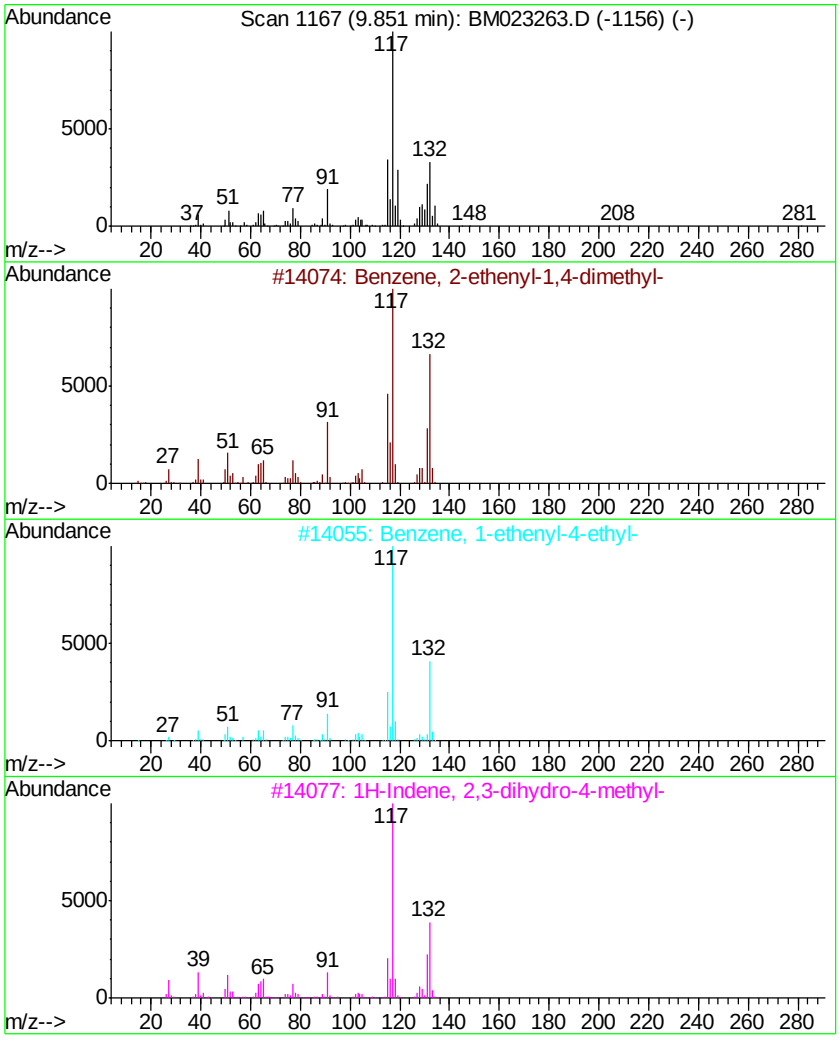
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

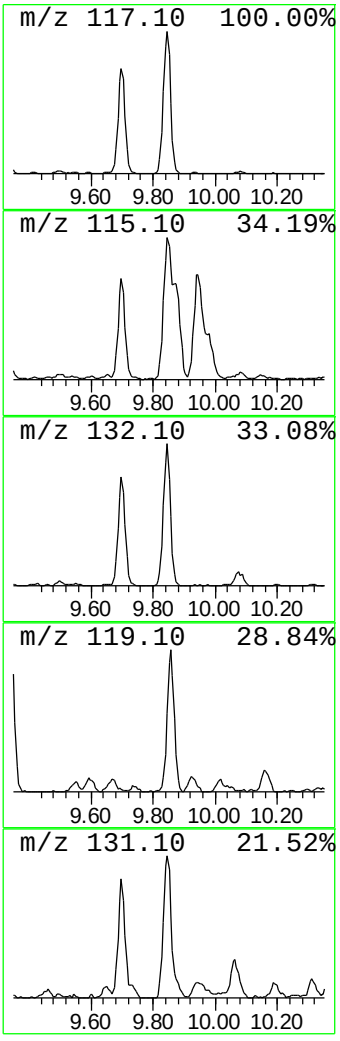
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	7.69 ng/ul	1311670	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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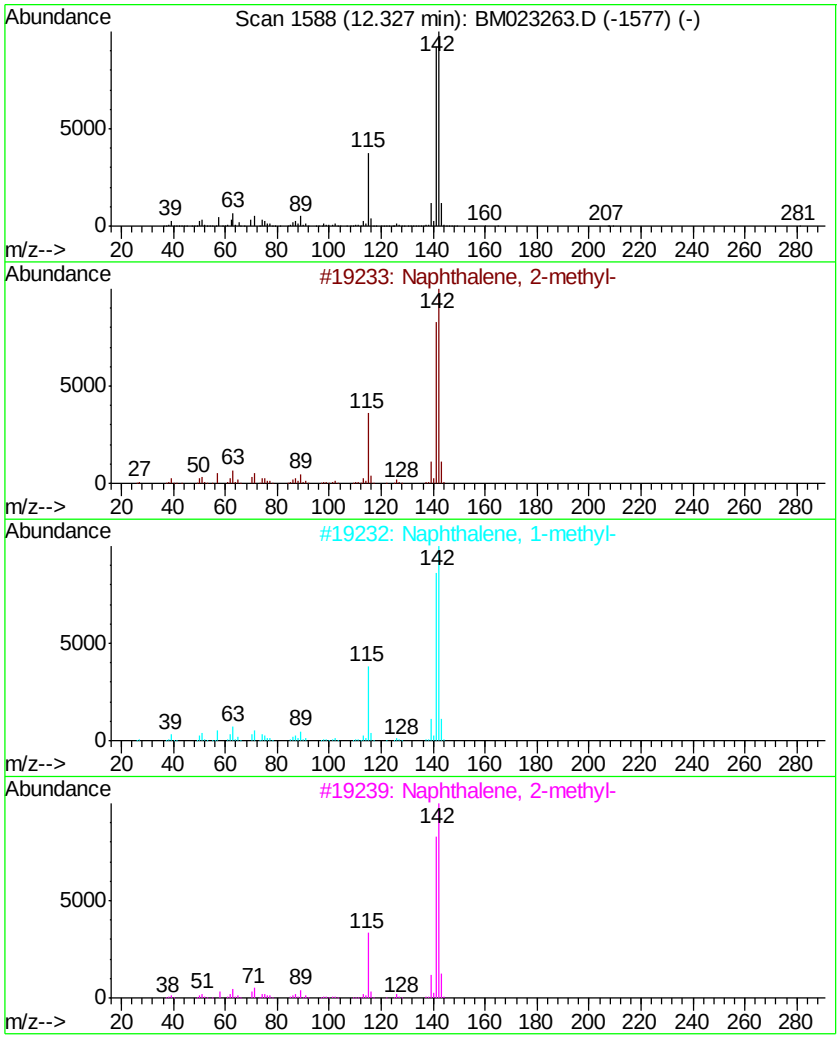
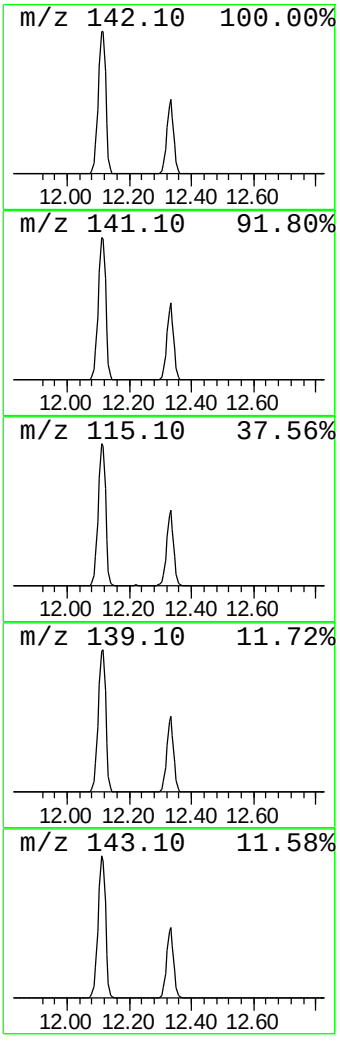
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	75.03 ng/ul	12801400	Naphthalene-d8	10.45

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





Library Search Compound Report

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Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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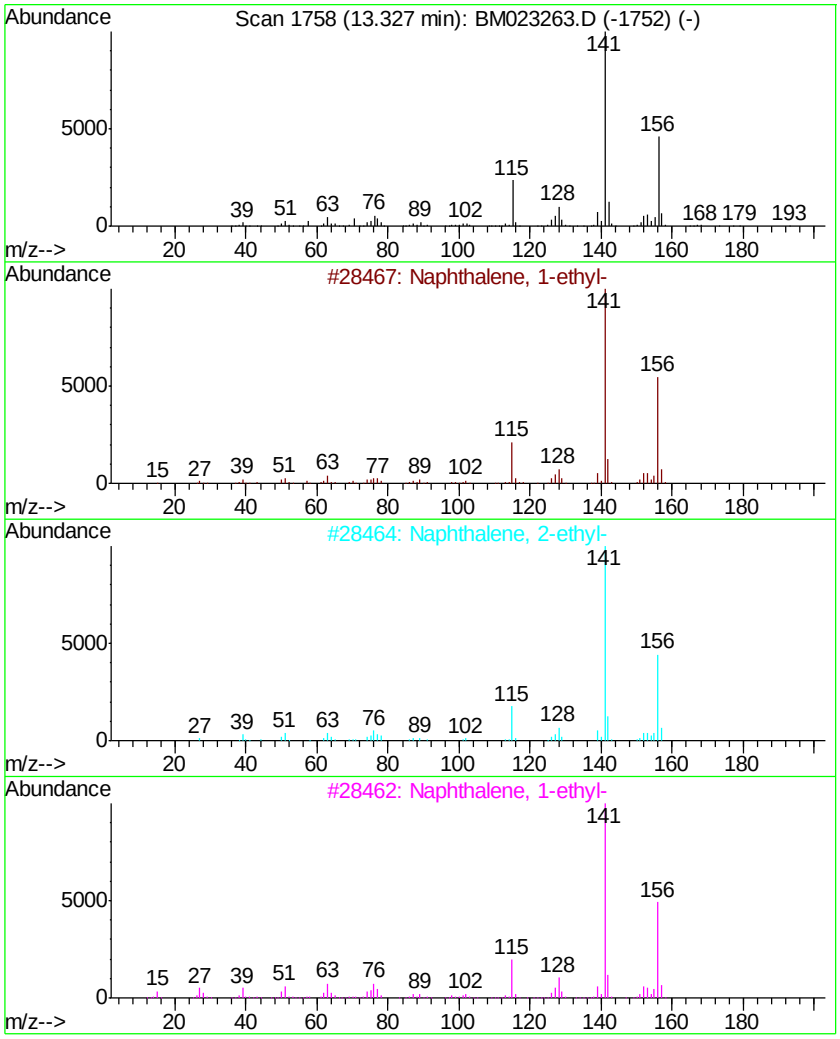
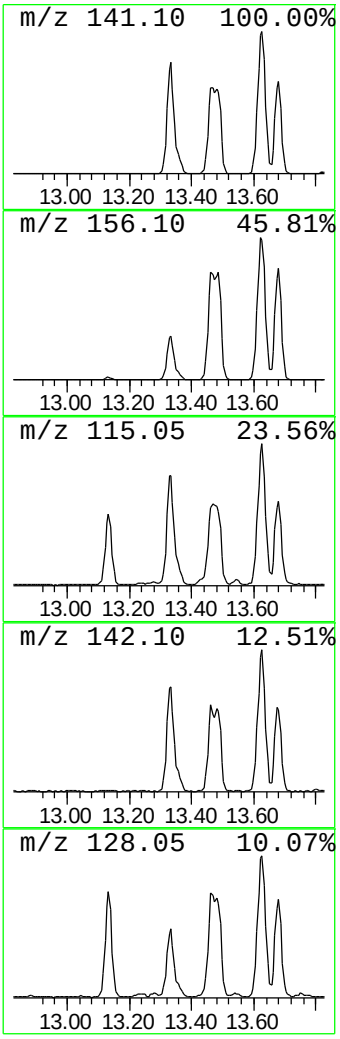
Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	7.05 ng/ul	2159910	Acenaphthene-d10	14.30

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	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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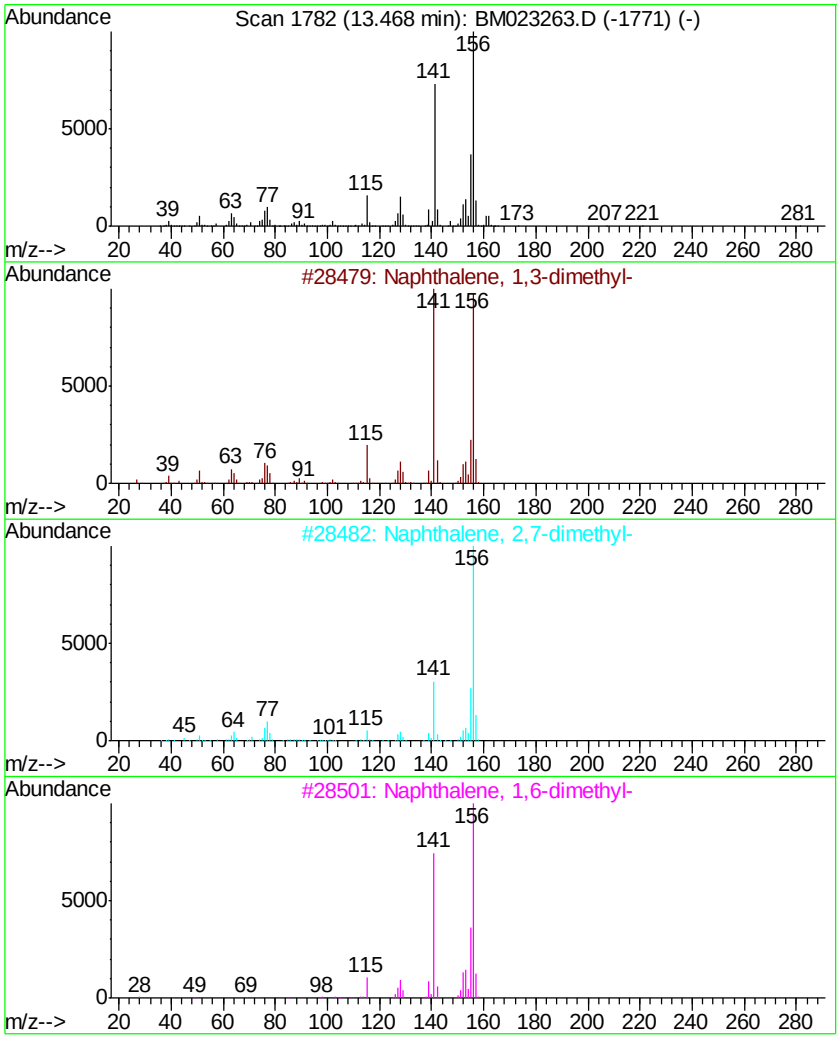
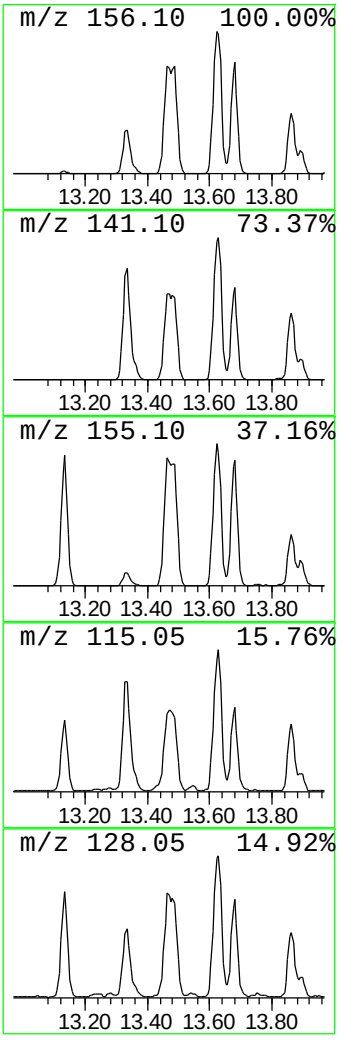
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	9.27 ng/ul	2839510	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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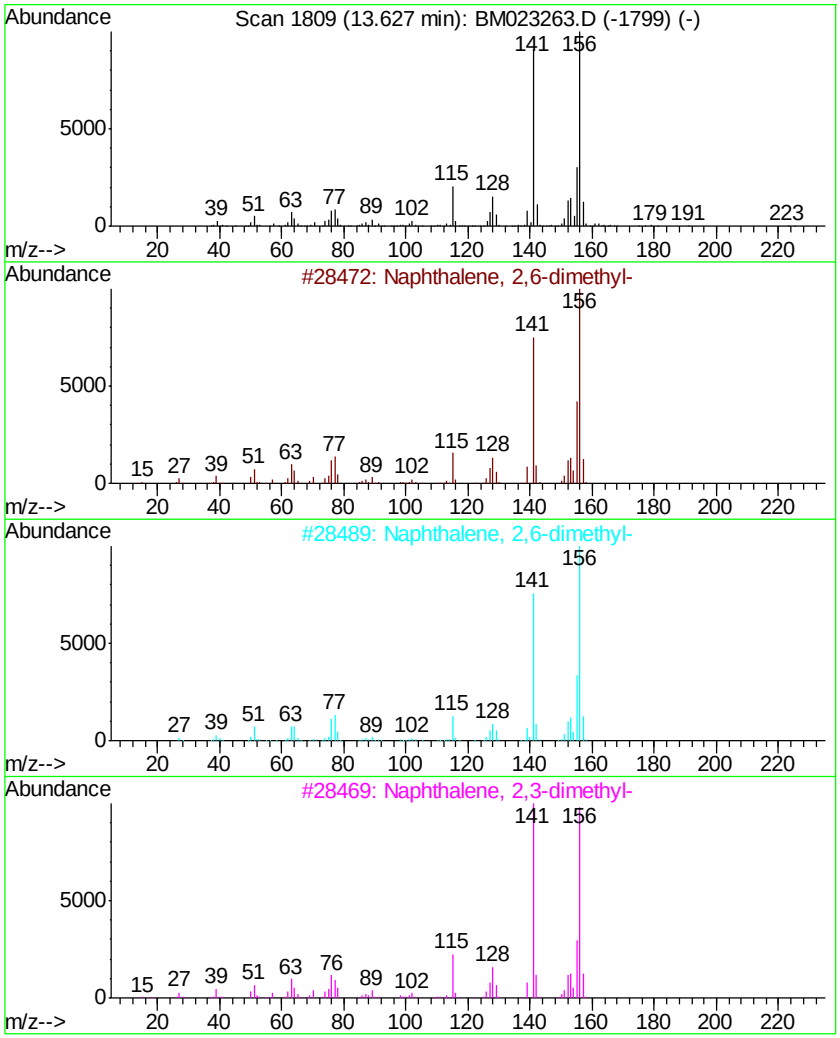
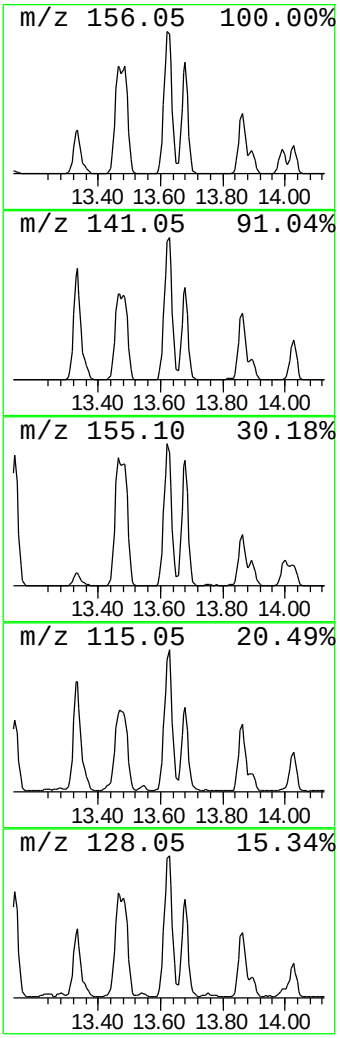
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	14.92 ng/ul	4570490	Acenaphthene-d10	14.30

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





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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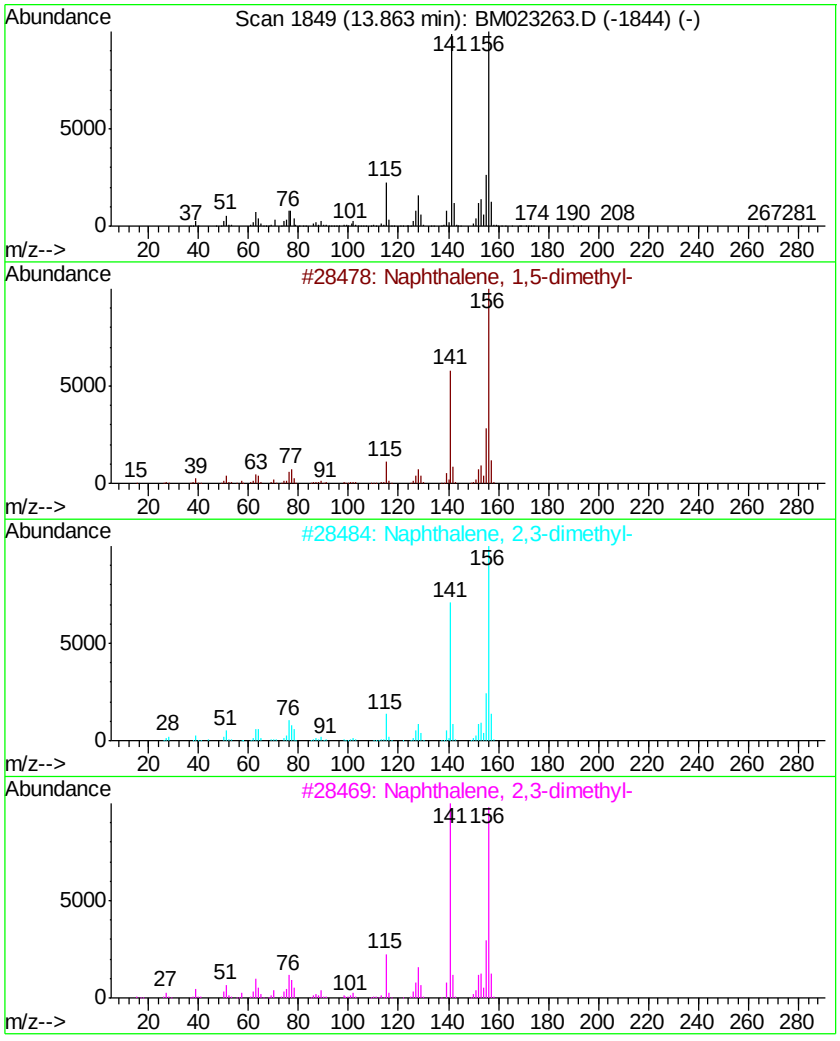
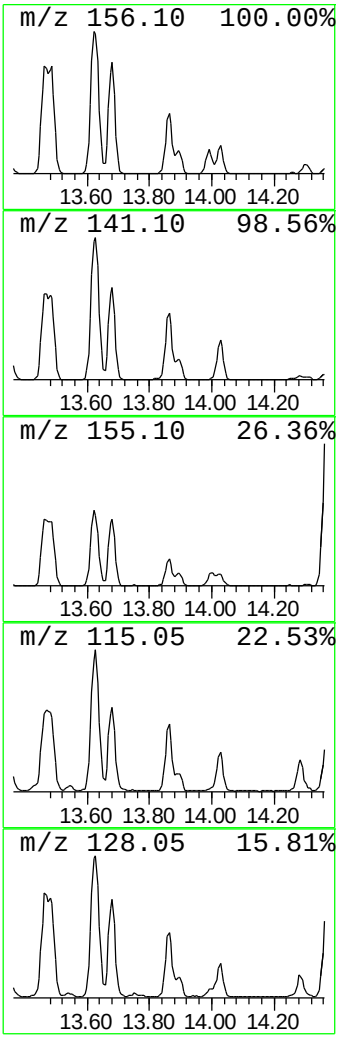
Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.85 ng/ul	1792950	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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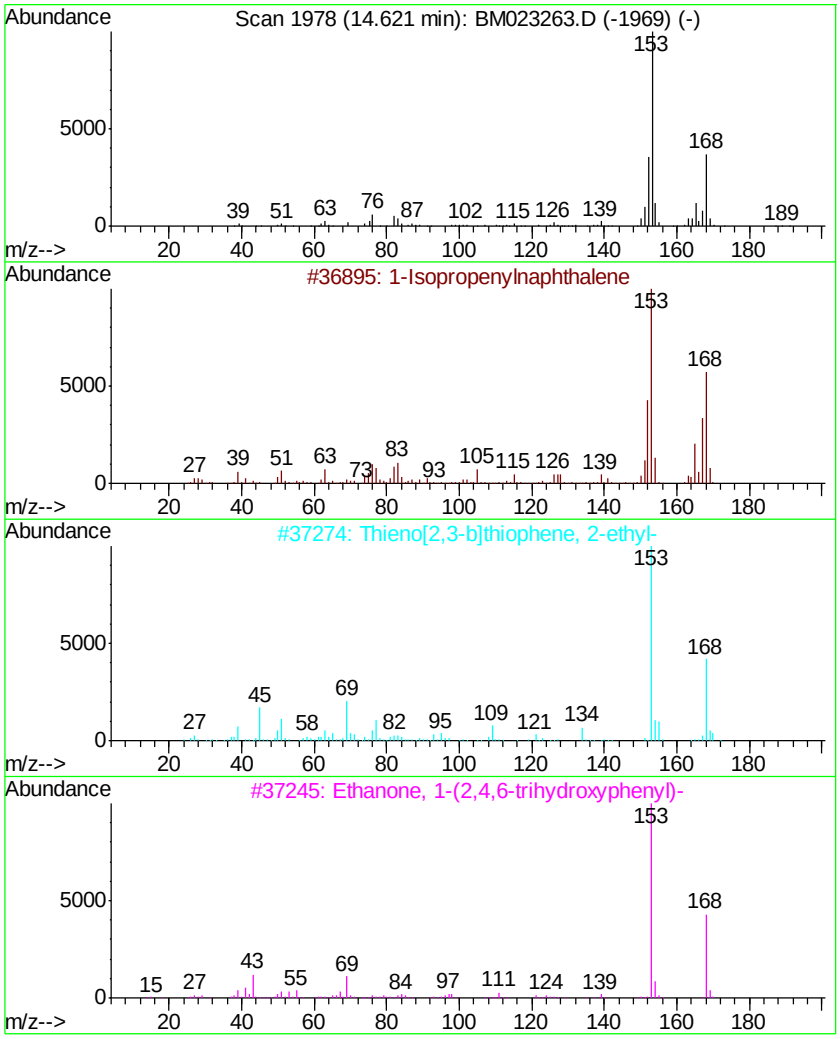
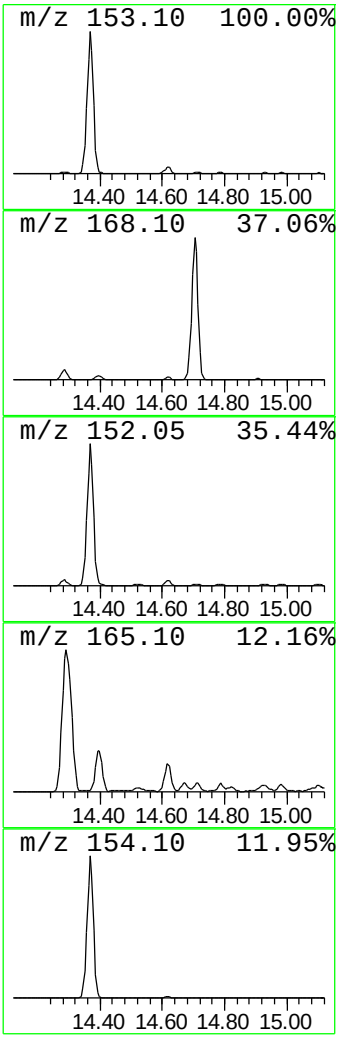
Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.63 ng/ul	1111310	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Quant Title : SVOA CALIBRATION

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

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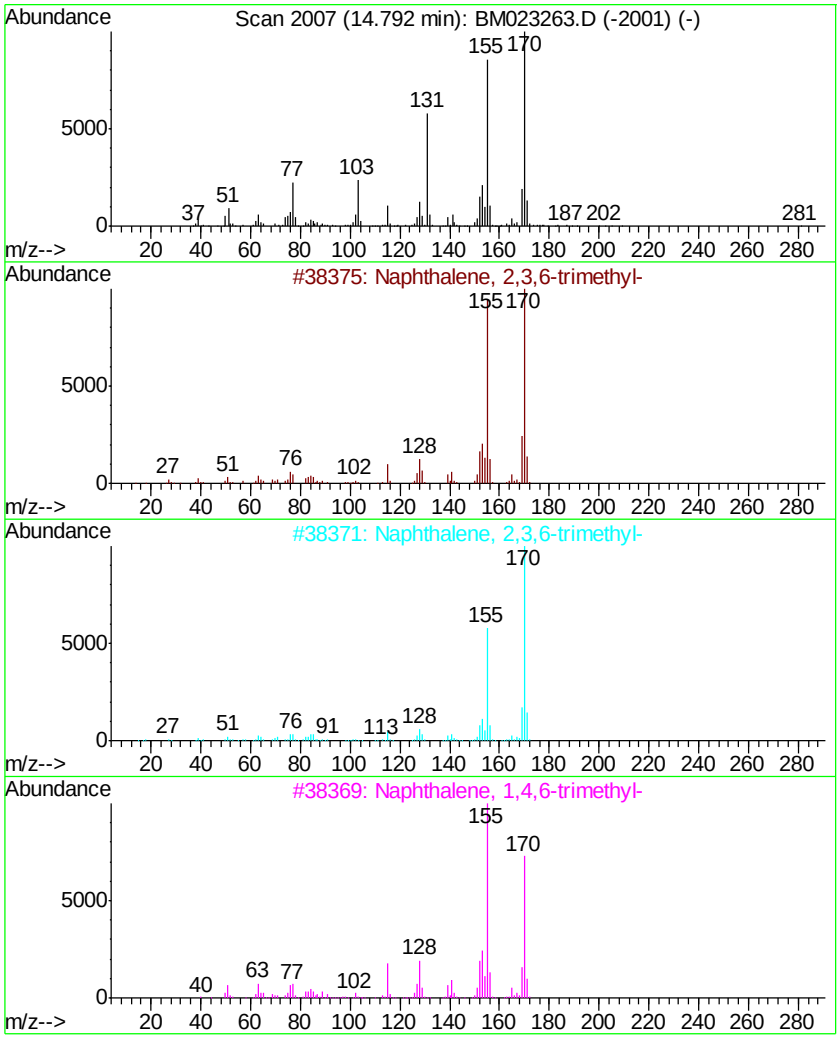
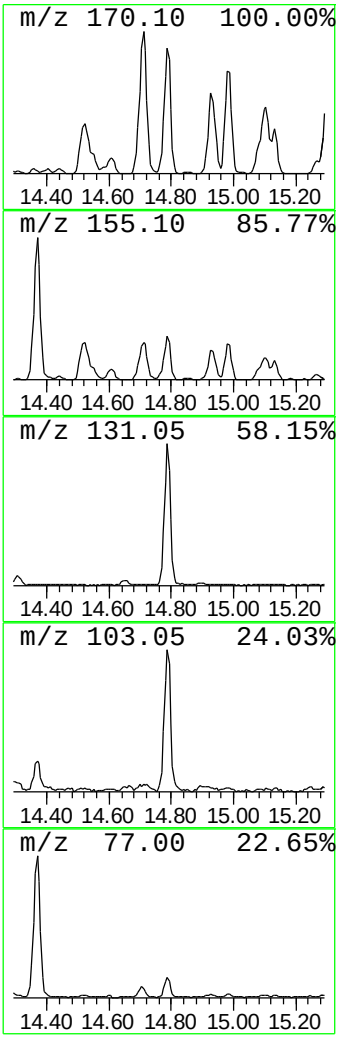
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.18 ng/ul	1281480	Acenaphthene-d10	14.30

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, 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	95





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Quant Title : SVOA CALIBRATION

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

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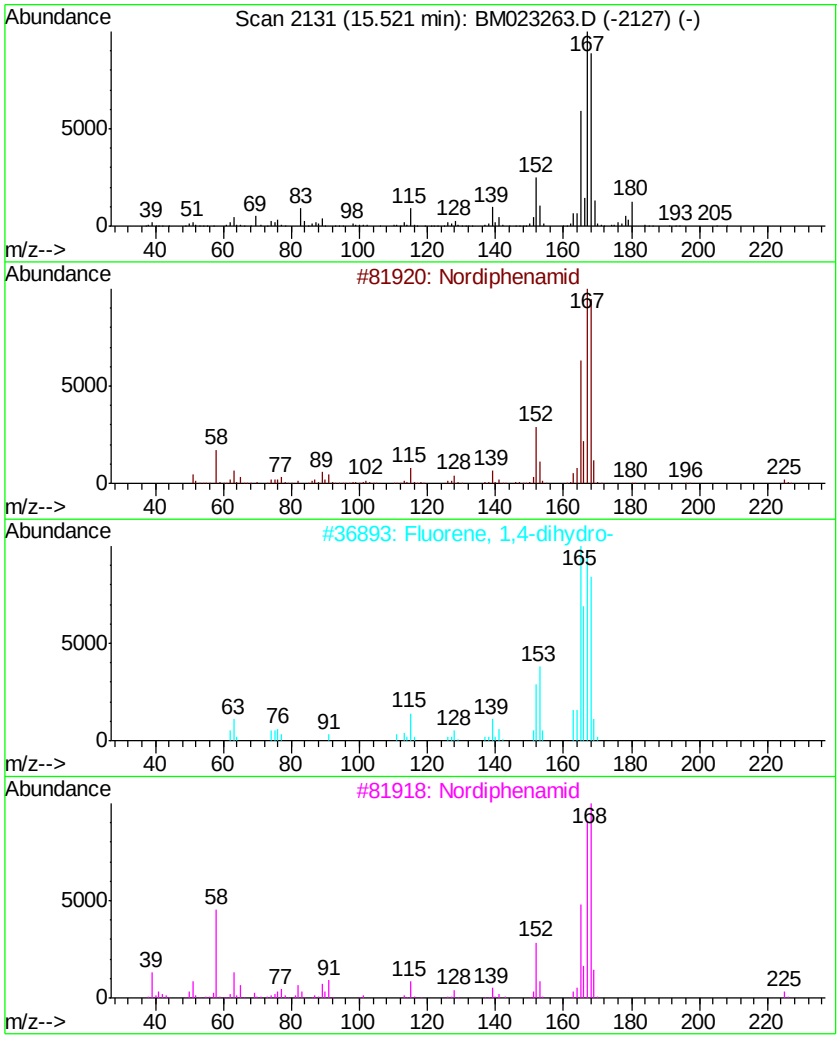
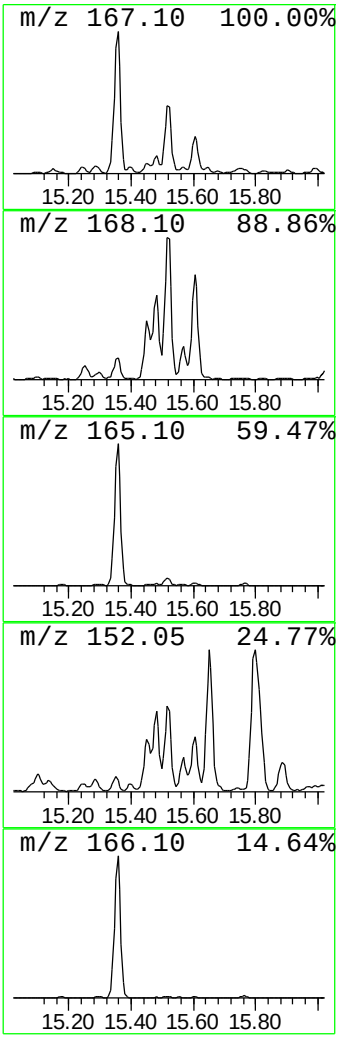
Peak Number 13 Nordiphenamid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.80 ng/ul	2083890	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	86
3	Nordiphenamid	225	C15H15NO	000954-21-2	78
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
5	Diphenylmethane	168	C13H12	000101-81-5	70





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Quant Title : SVOA CALIBRATION

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

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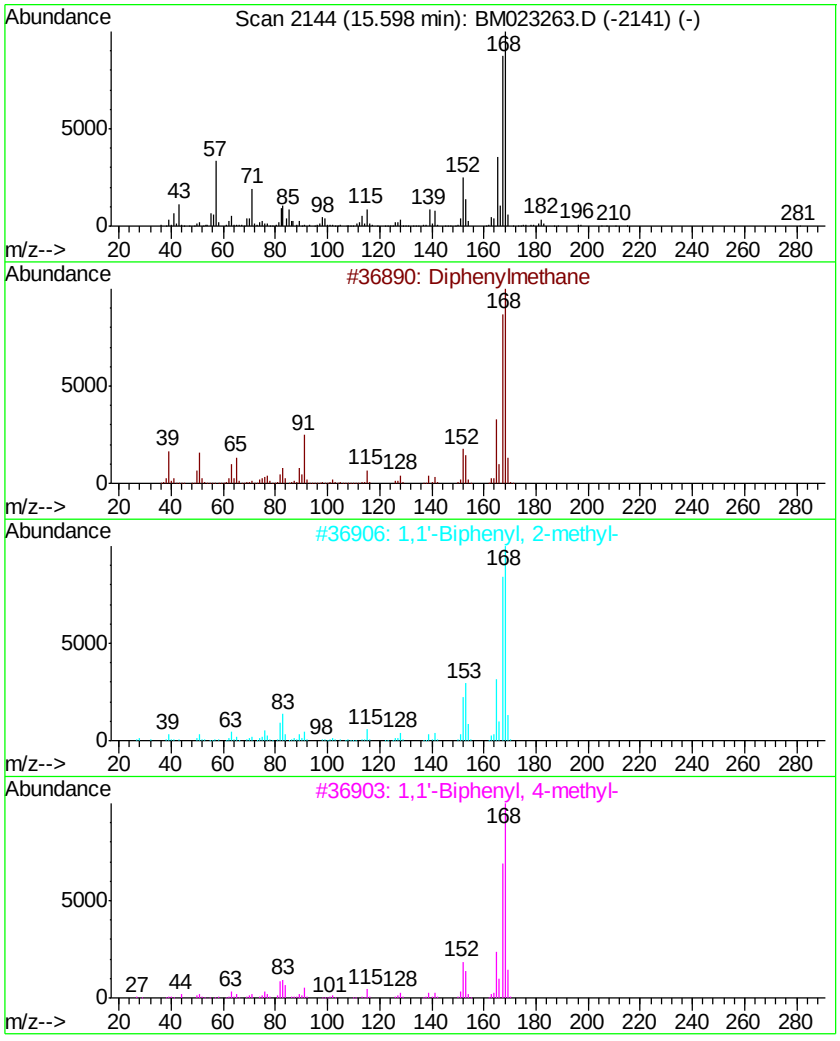
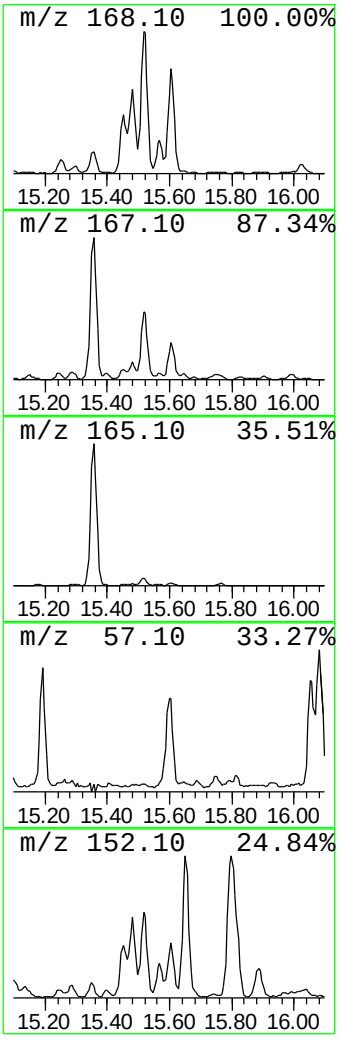
Peak Number 14 Diphenylmethane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.43 ng/ul	1358330	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	83
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	83
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	80
5	Diphenylmethane	168	C13H12	000101-81-5	72





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Quant Title : SVOA CALIBRATION

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

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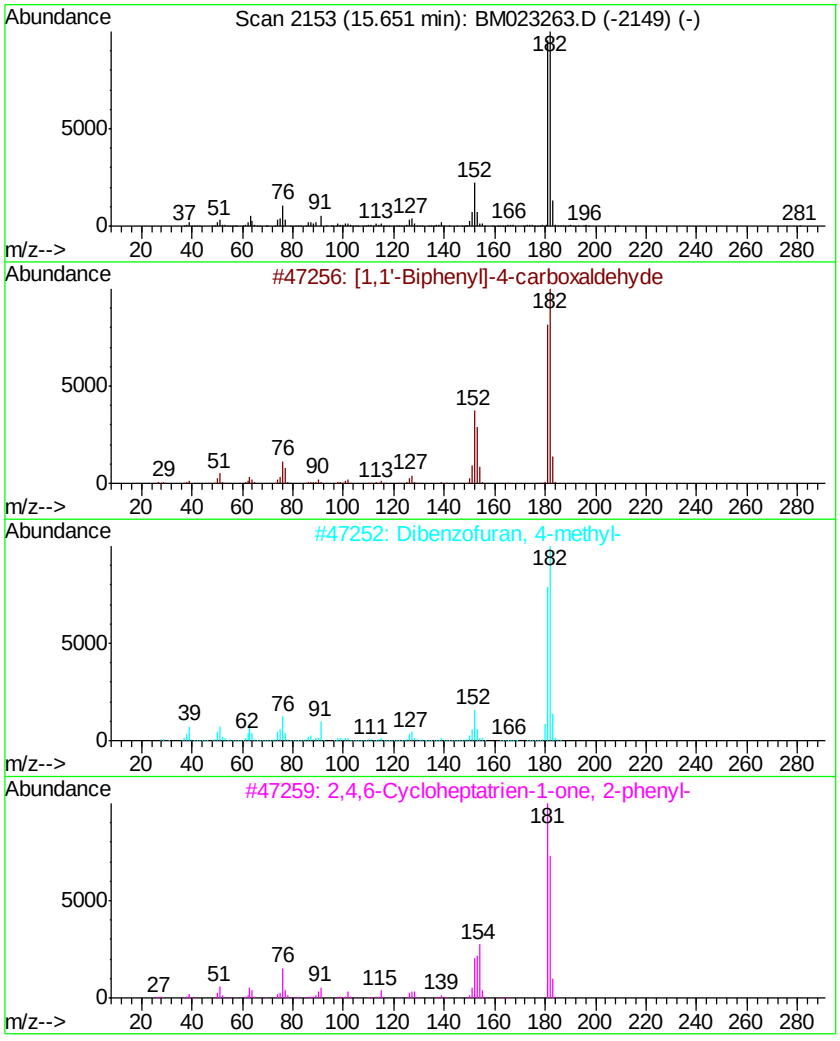
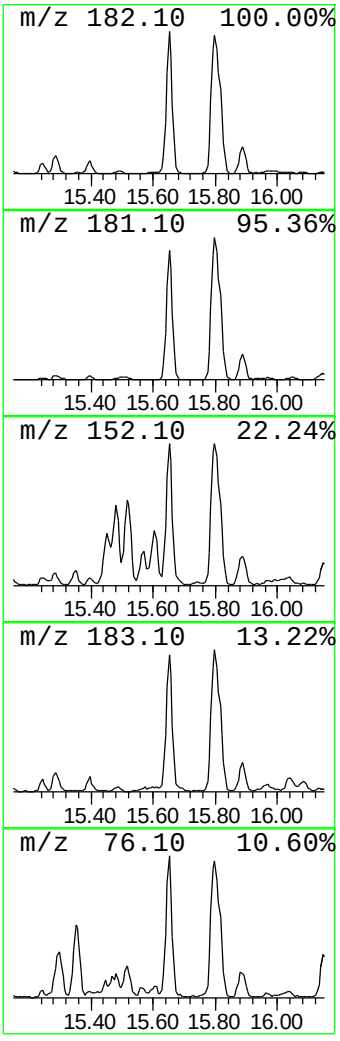
Peak Number 15 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	9.70 ng/ul	2970260	Acenaphthene-d10	14.30

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





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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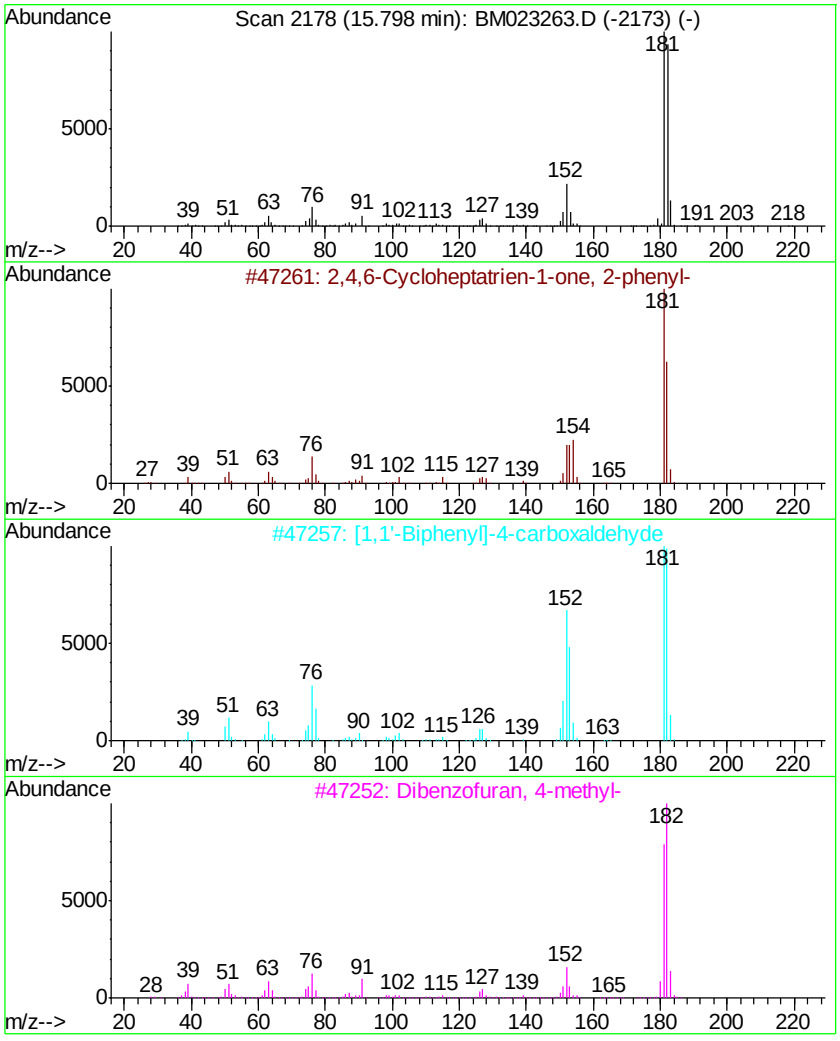
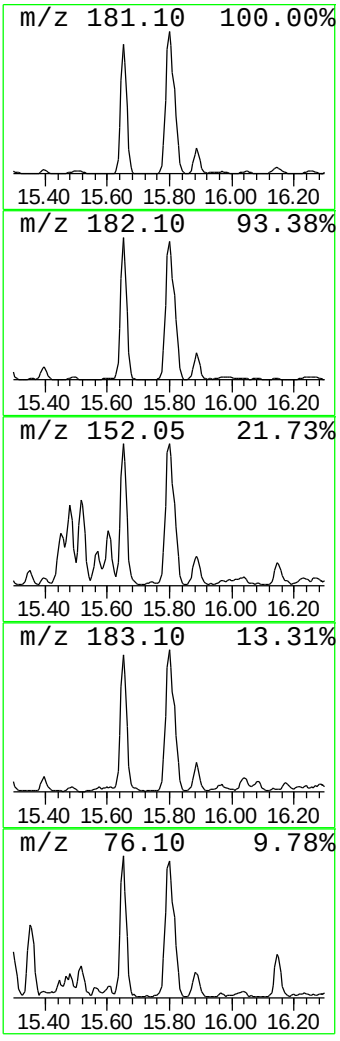
Peak Number 16 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	17.97 ng/ul	4184770	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Quant Title : SVOA CALIBRATION

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

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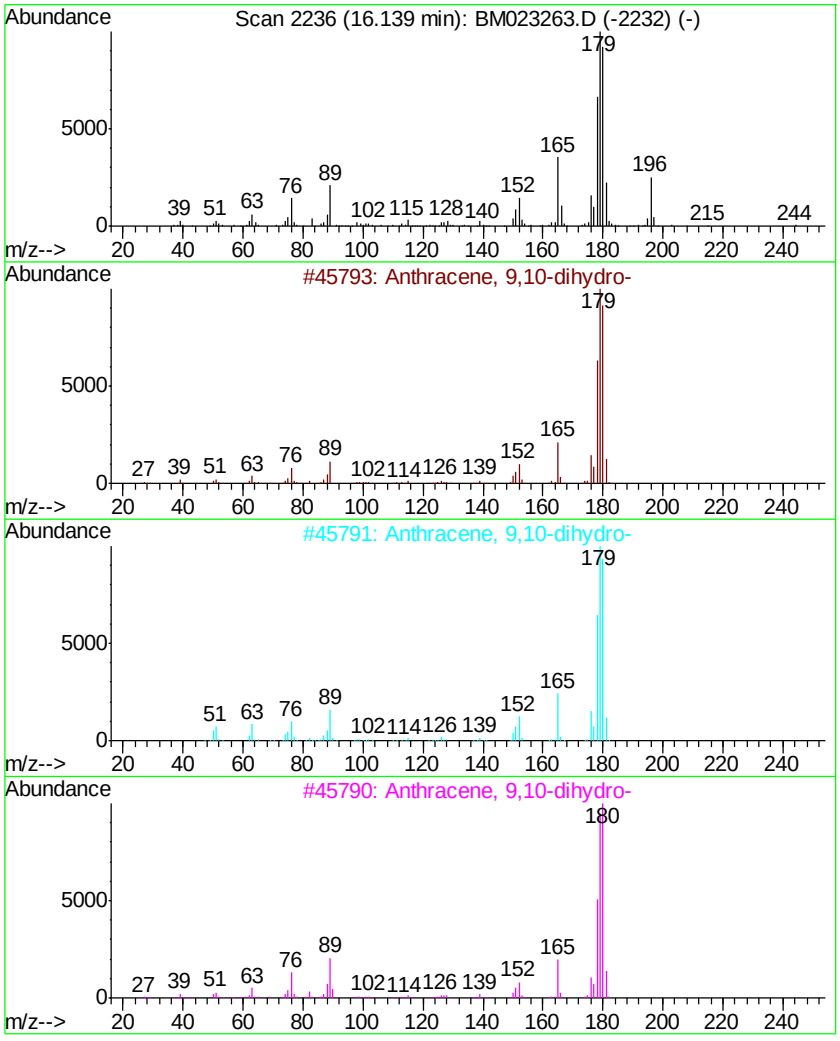
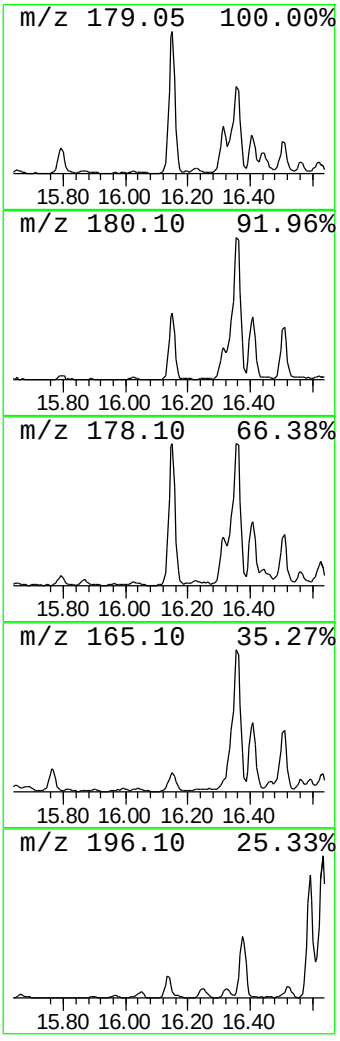
Peak Number 17 Anthracene, 9,10-dihydro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.99 ng/ul	1161730	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	92
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	90





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Quant Title : SVOA CALIBRATION

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

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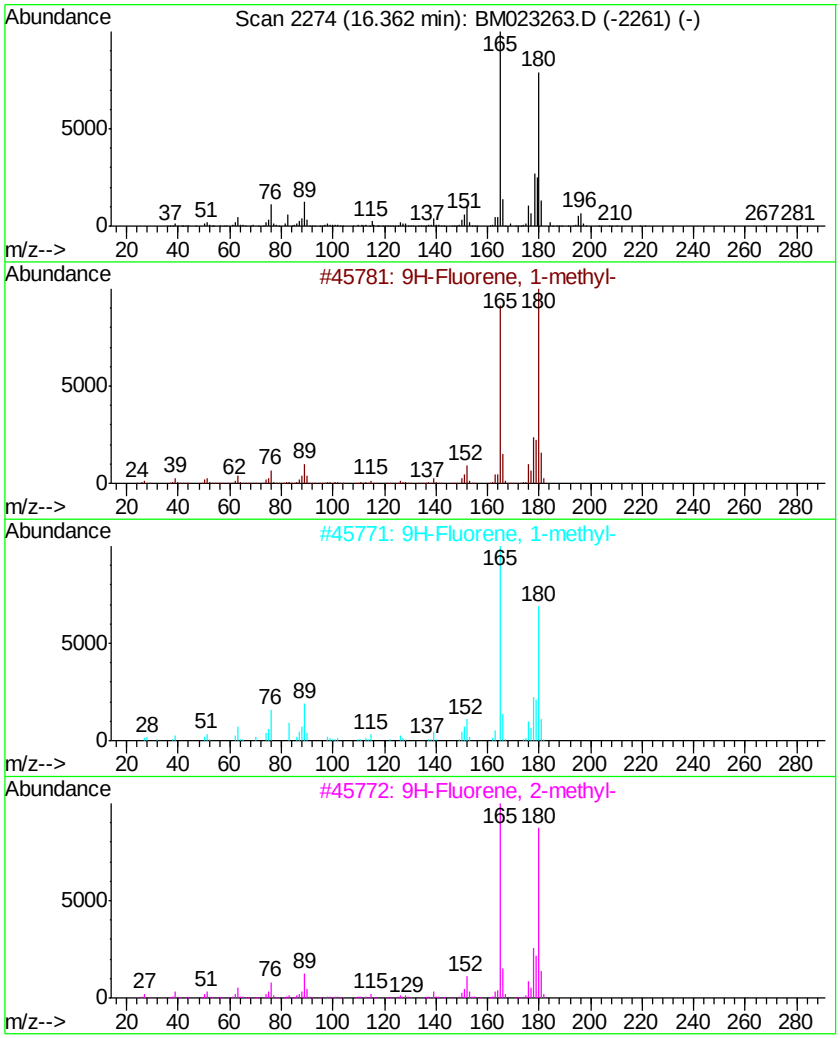
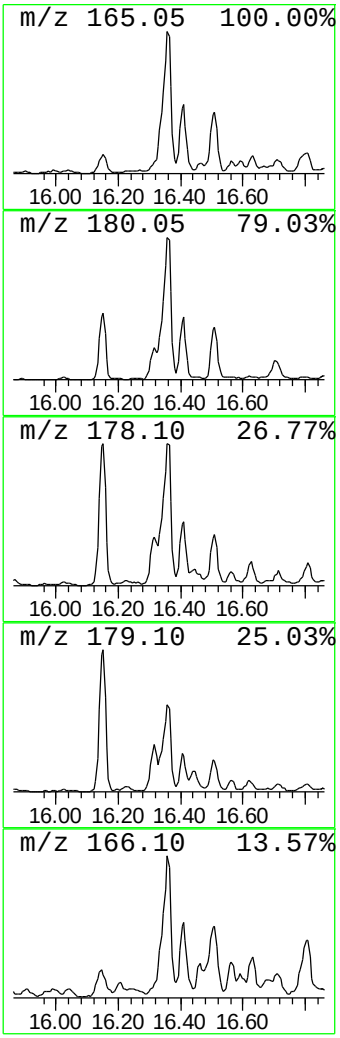
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	15.16 ng/ul	3531260	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94





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Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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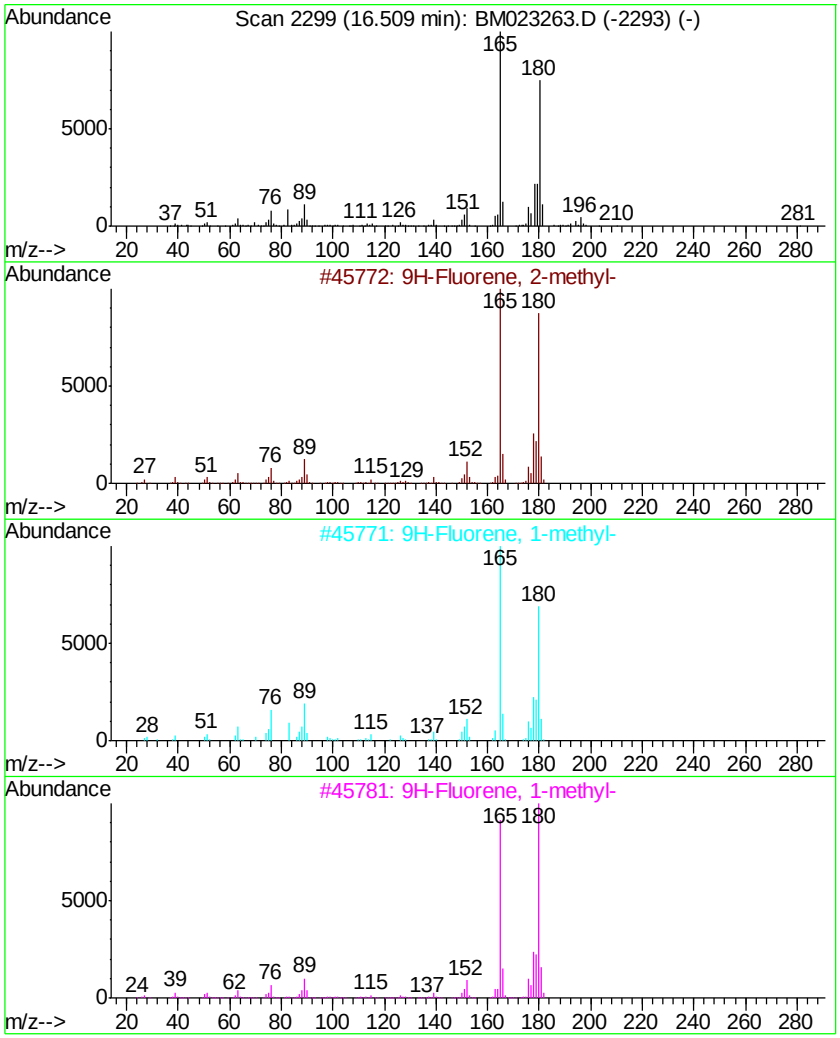
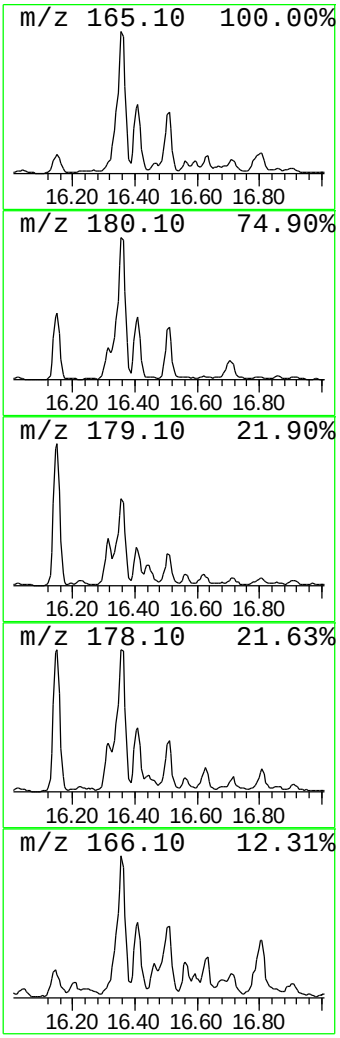
Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.09 ng/ul	1186230	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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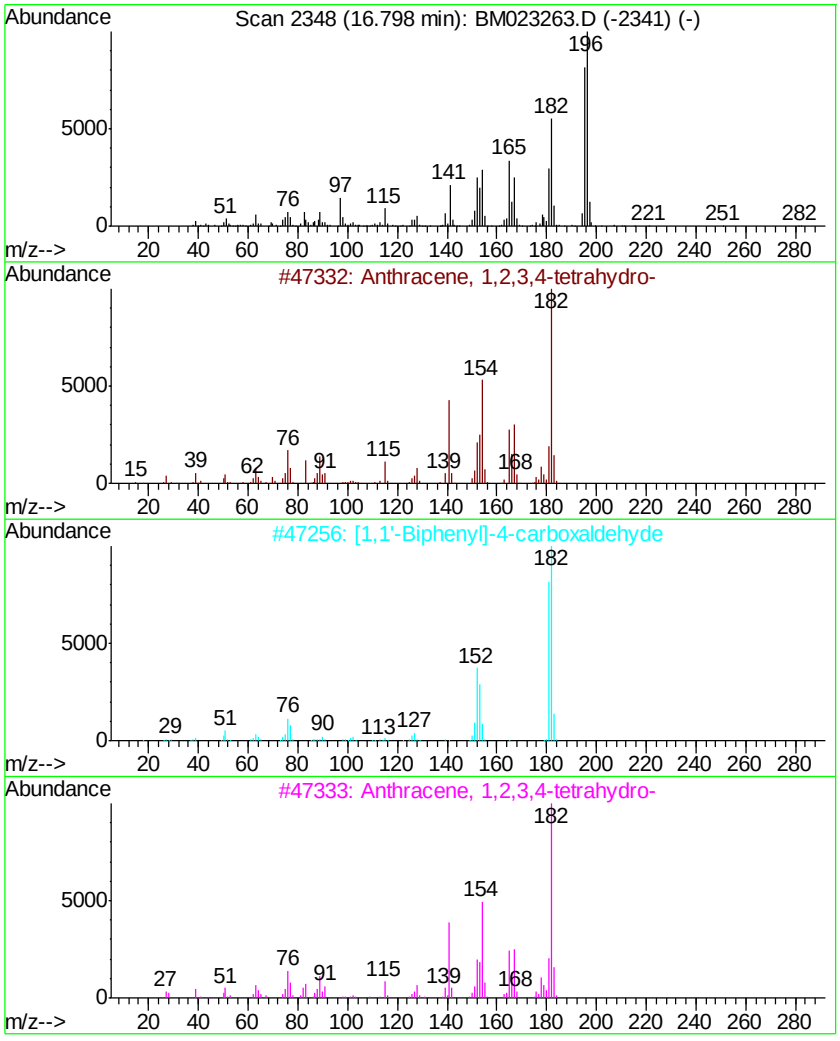
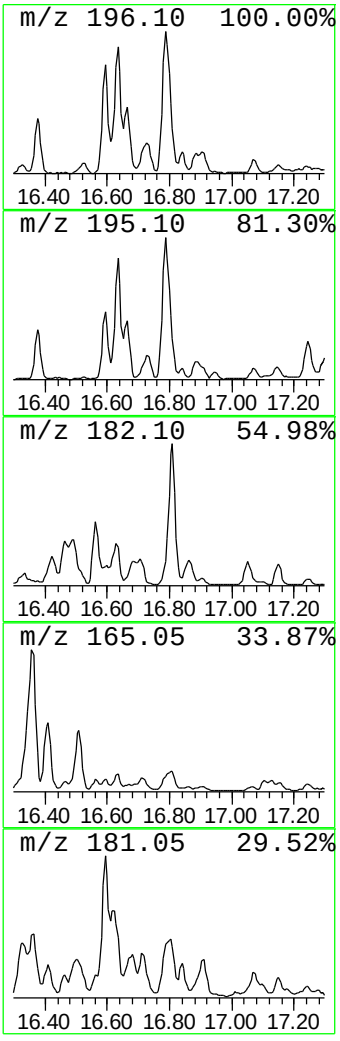
Peak Number 21 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	9.36 ng/ul	2180630	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	55
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	46
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	42





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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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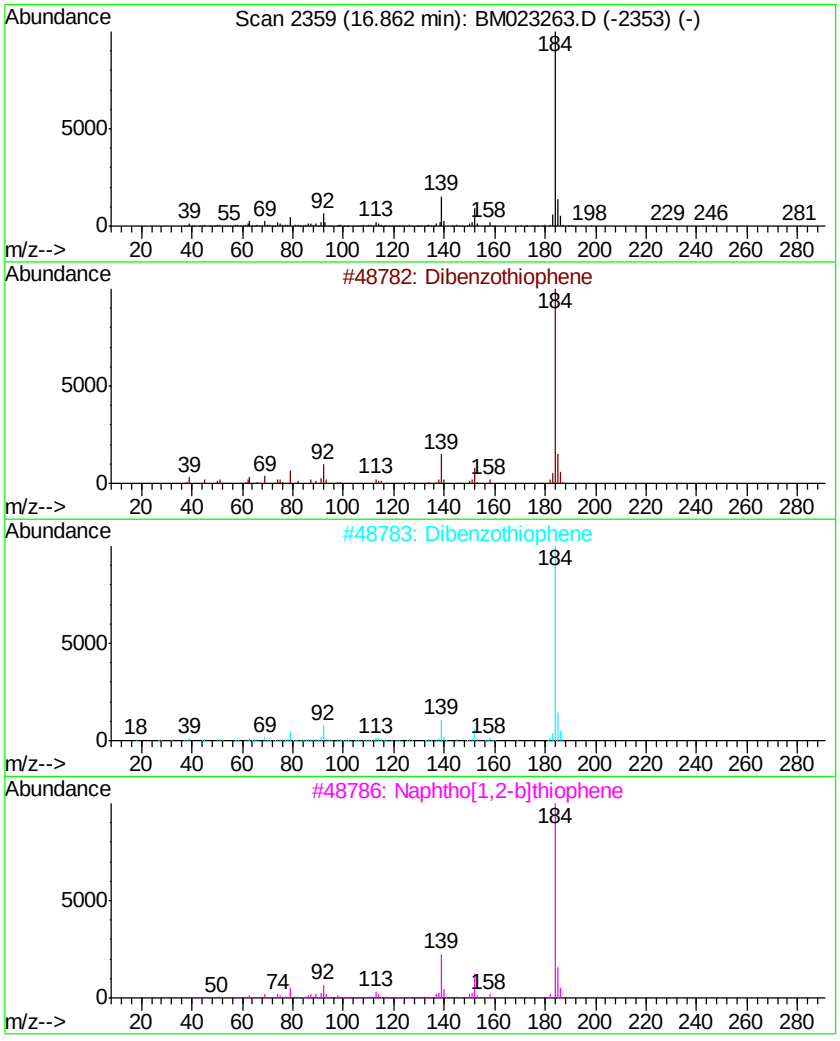
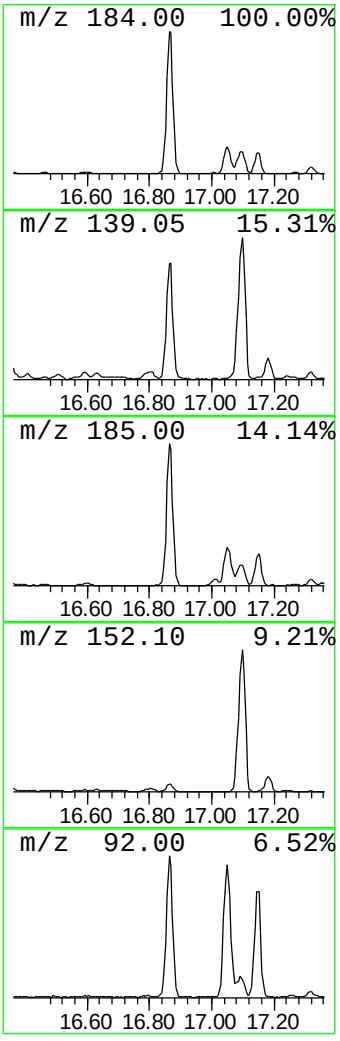
Peak Number 22 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	14.69 ng/ul	3421510	Phenanthrene-d10	17.05

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





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ALS Vial : 42 Sample Multiplier: 1

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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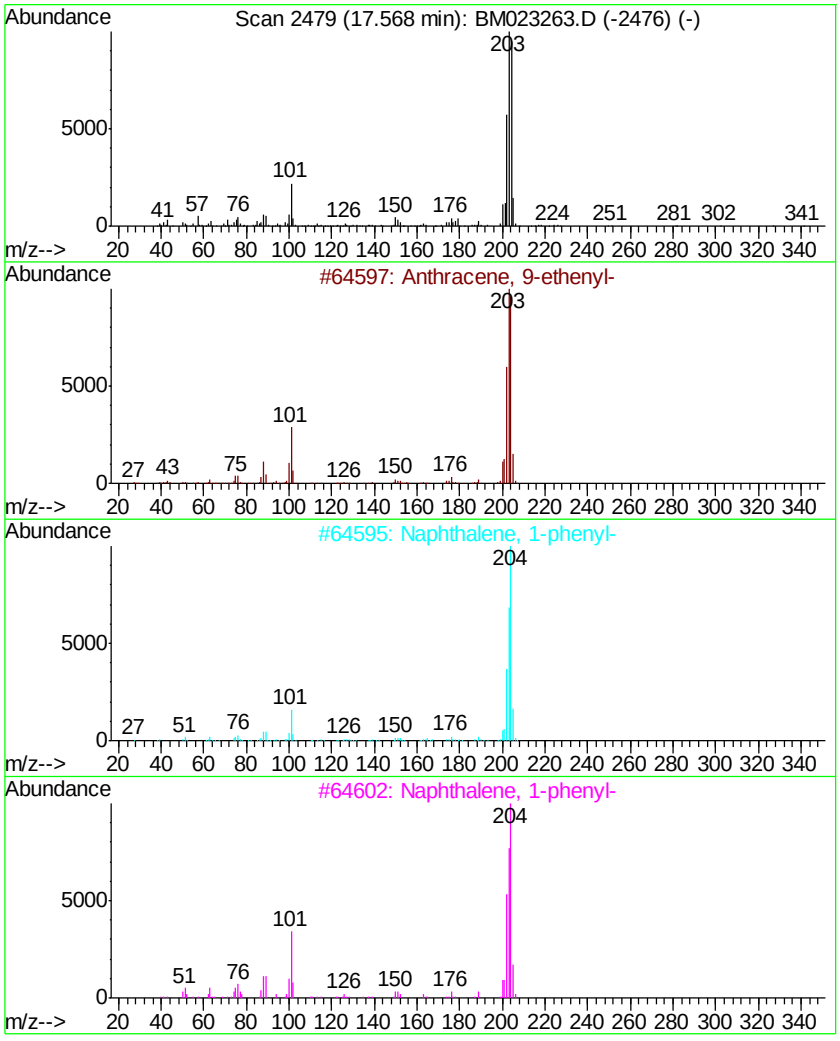
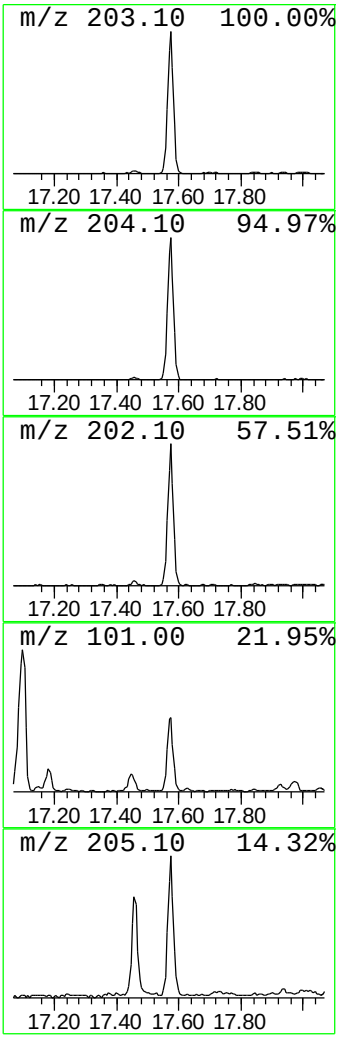
Peak Number 23 Anthracene, 9-ethenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	4.55 ng/ul	1059070	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	68





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Quant Title : SVOA CALIBRATION

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

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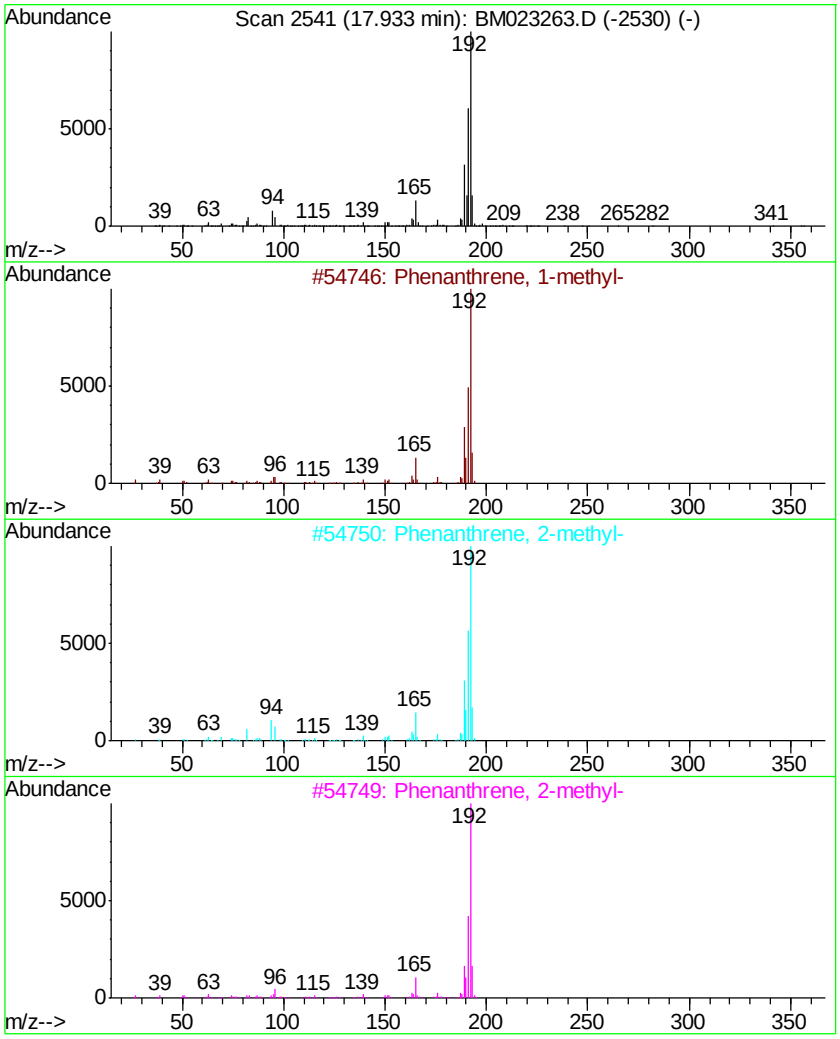
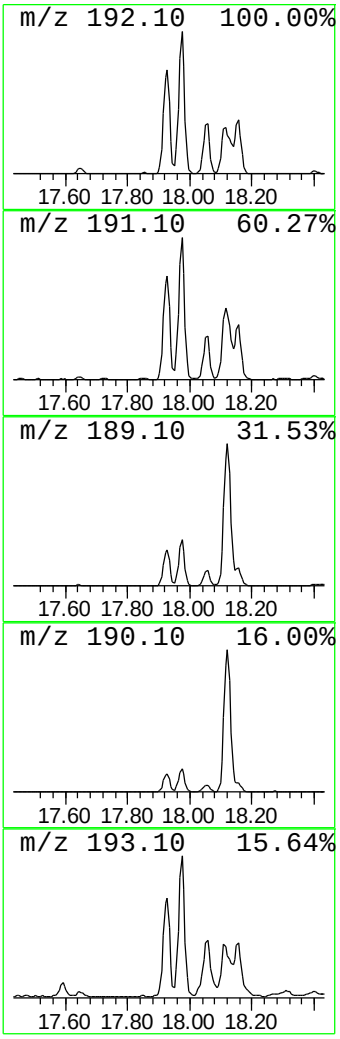
Peak Number 24 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	23.23 ng/ul	5410230	Phenanthrene-d10	17.05

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





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Quant Title : SVOA CALIBRATION

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

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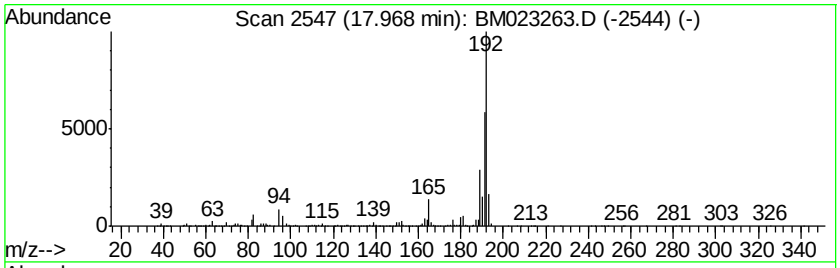
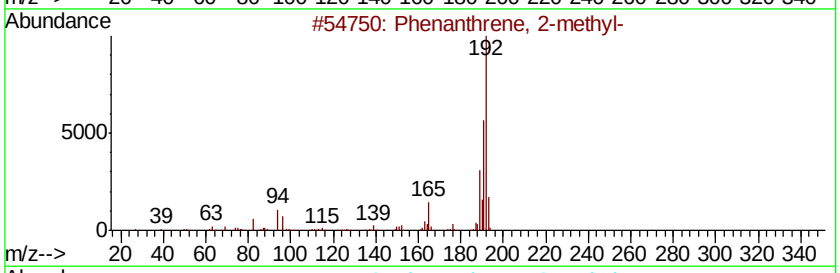
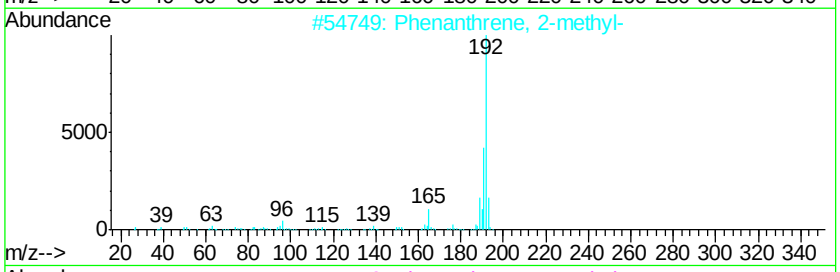
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 3

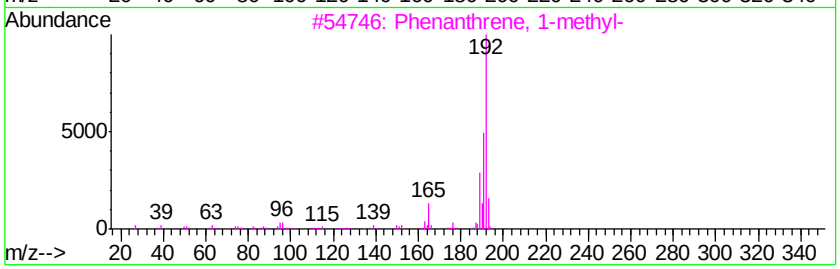
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	30.24 ng/ul	7041400	Phenanthrene-d10	17.05

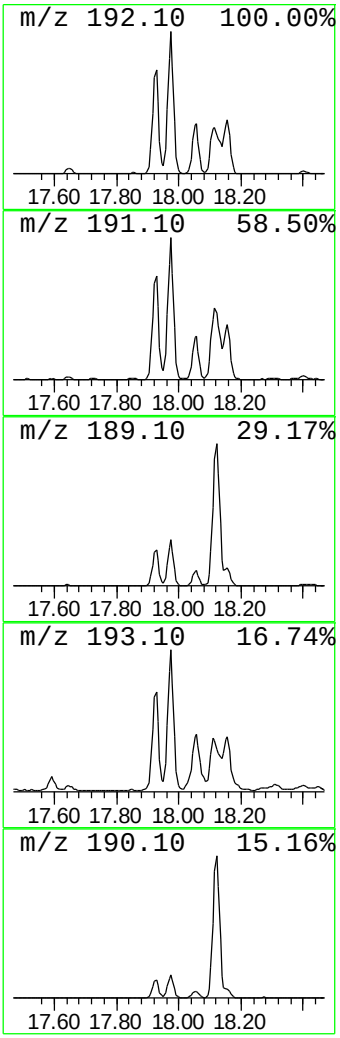
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95











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Sample : K5345-09
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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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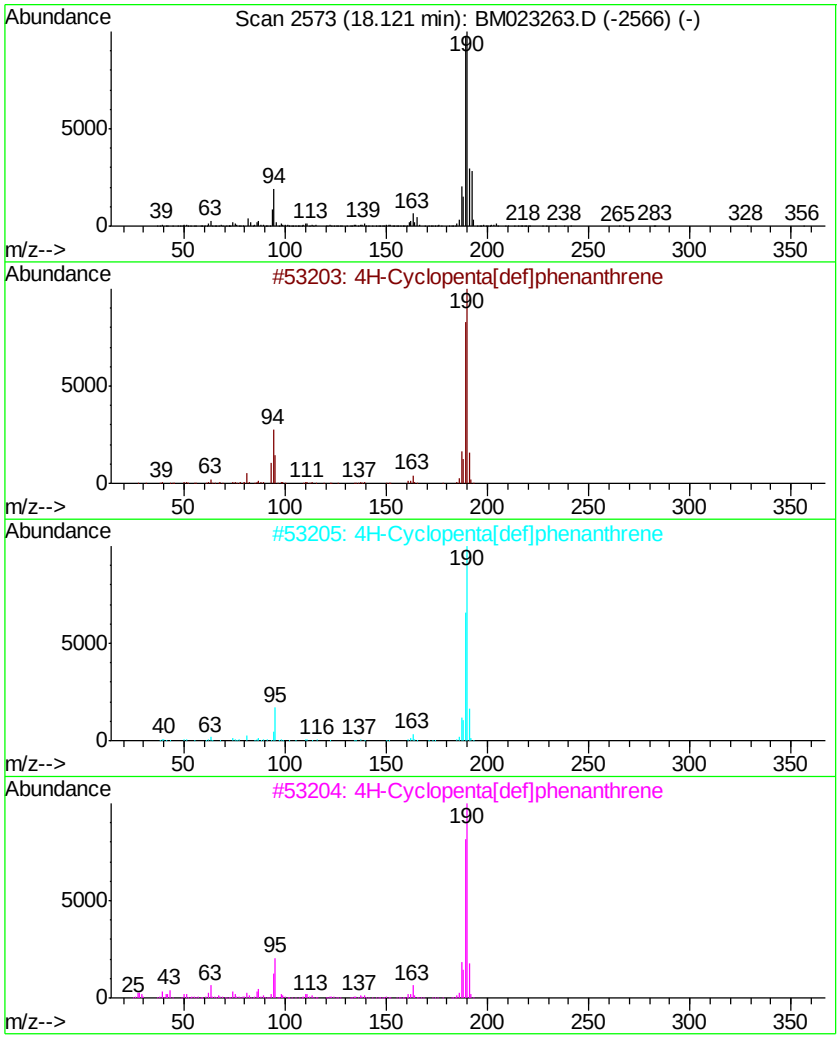
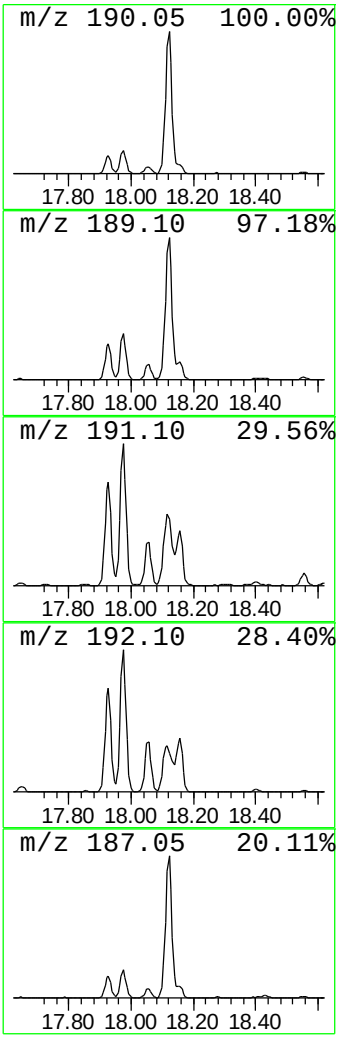
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	42.16 ng/ul	9817680	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Misc :
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Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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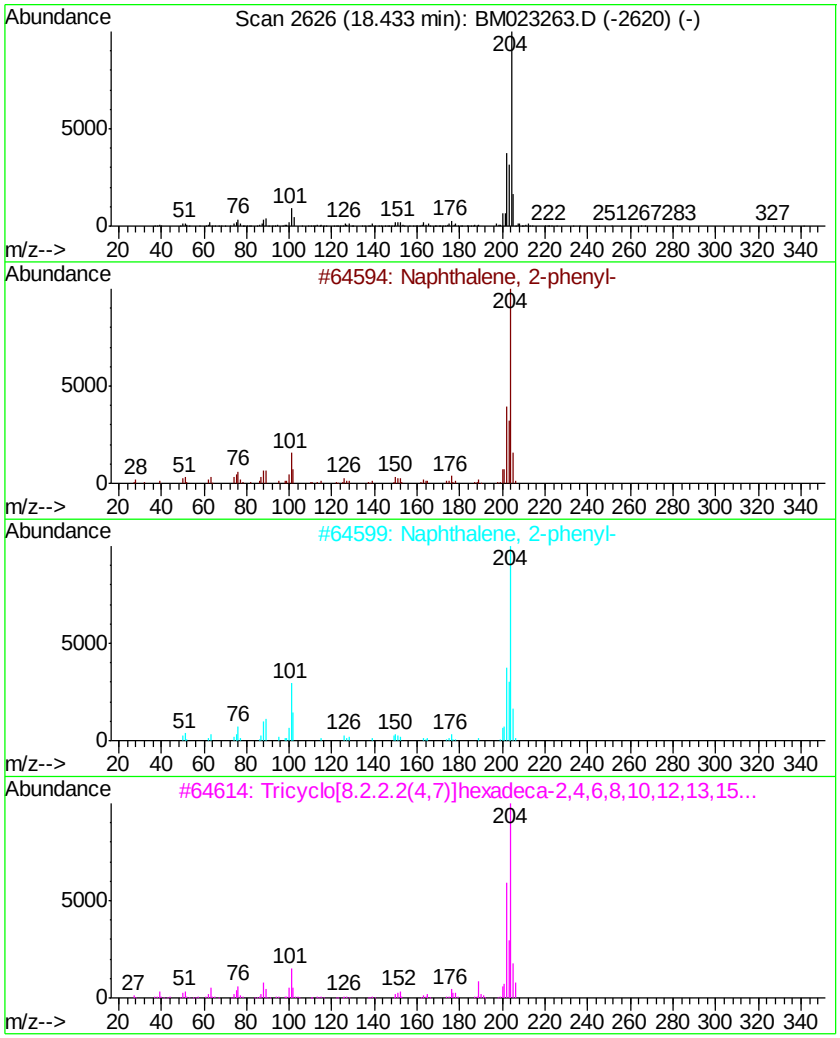
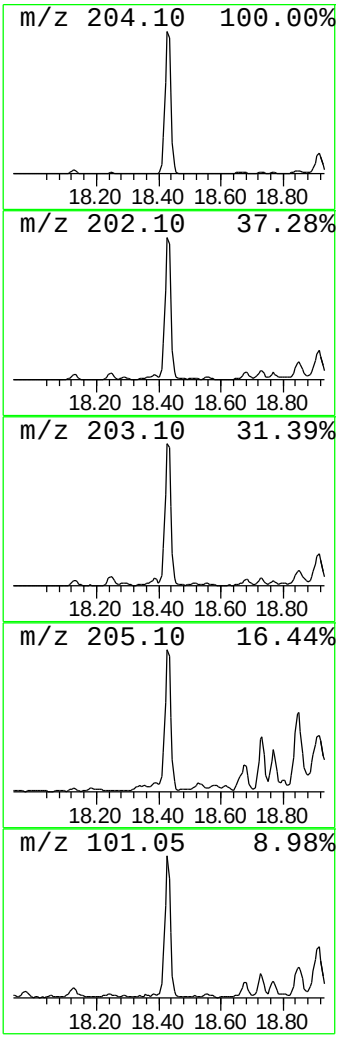
Peak Number 29 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	14.40 ng/ul	3353070	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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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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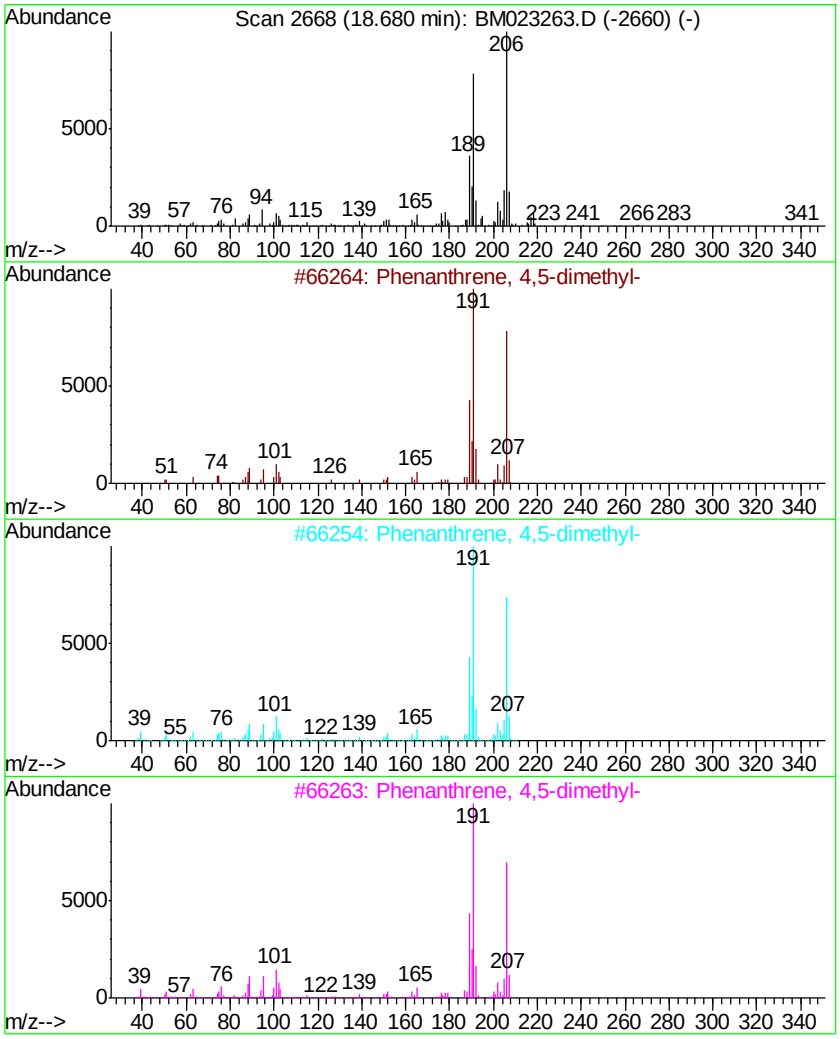
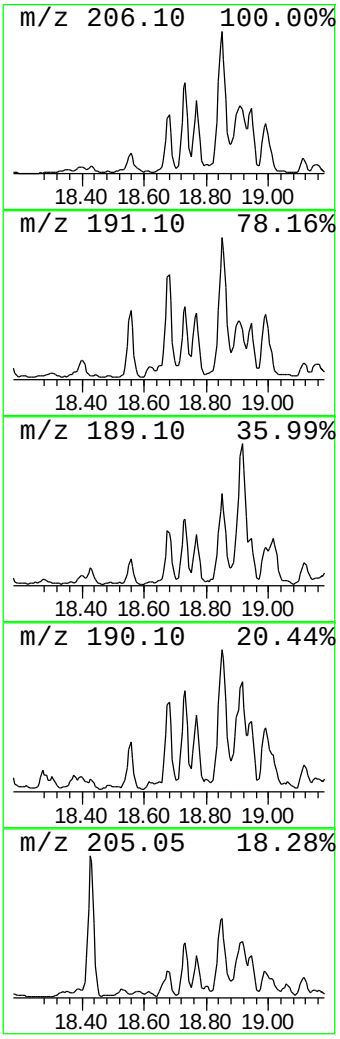
Peak Number 30 Phenanthrene, 4,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.66 ng/ul	1084670	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

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Quant Title : SVOA CALIBRATION

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

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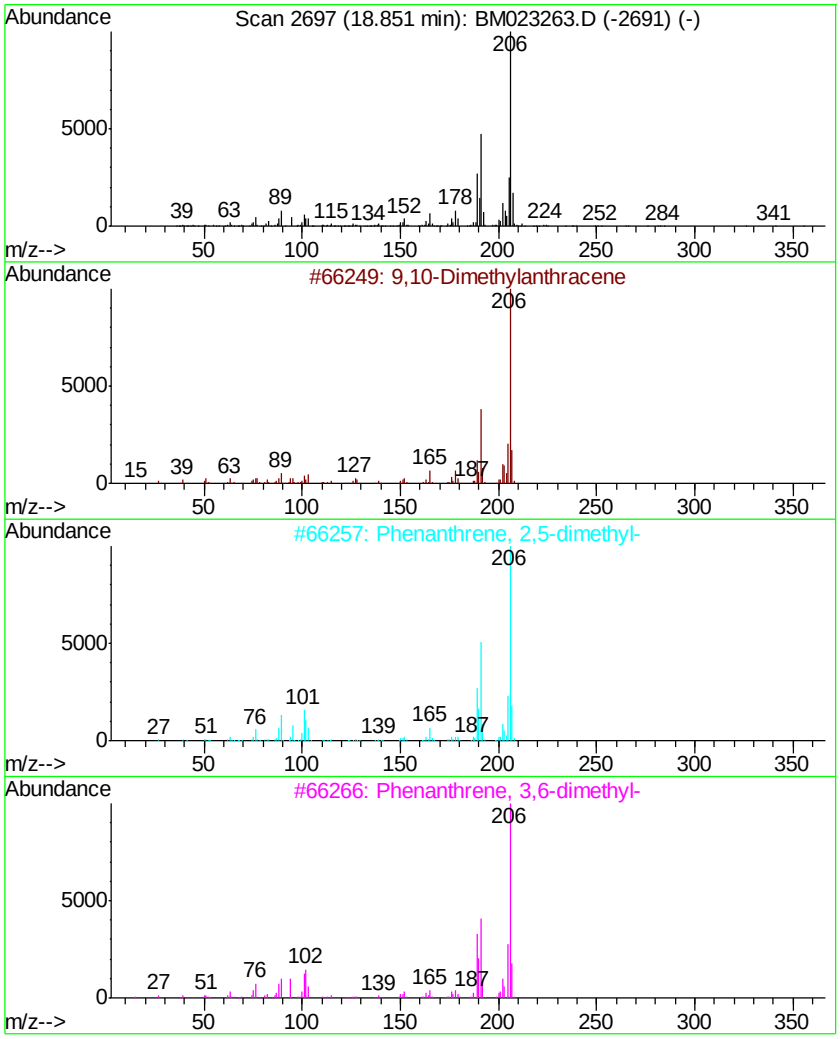
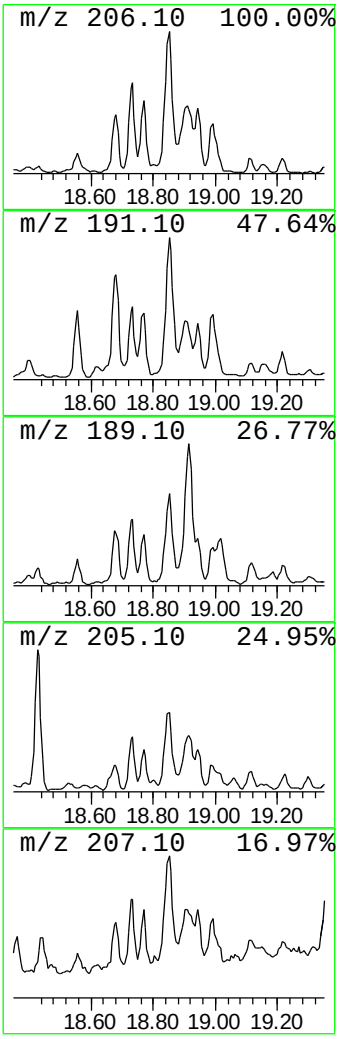
Peak Number 31 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	9.53 ng/ul	2219970	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Quant Title : SVOA CALIBRATION

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

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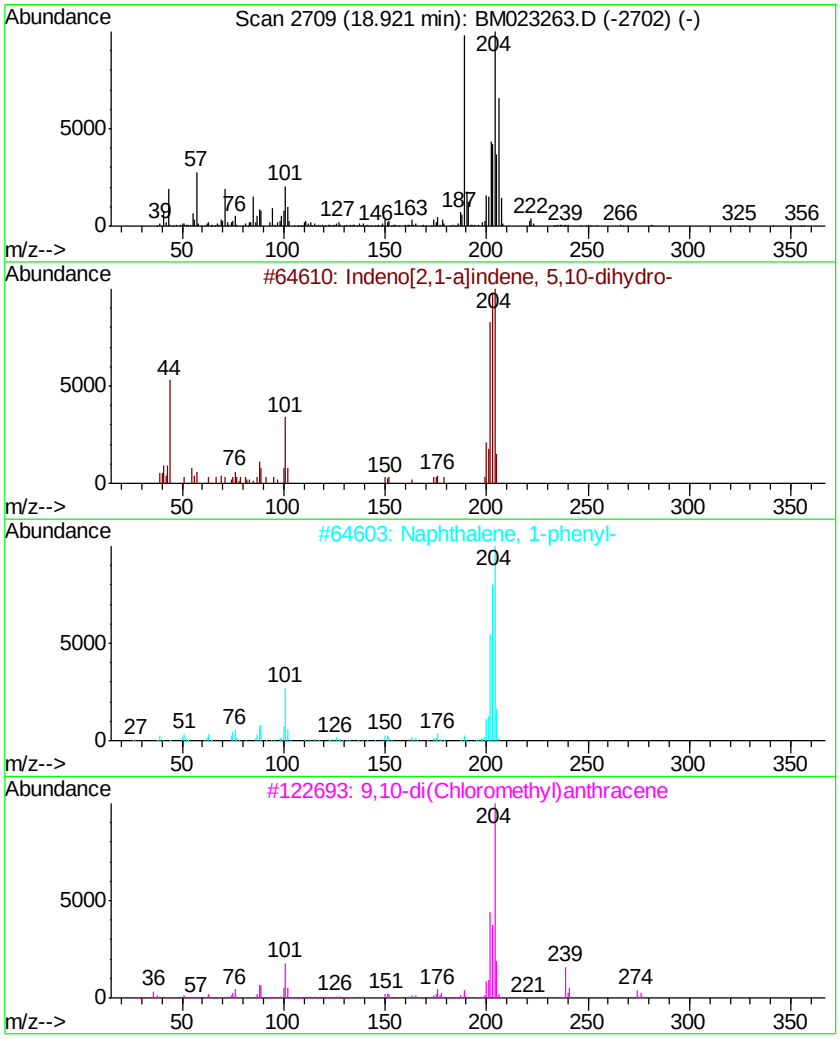
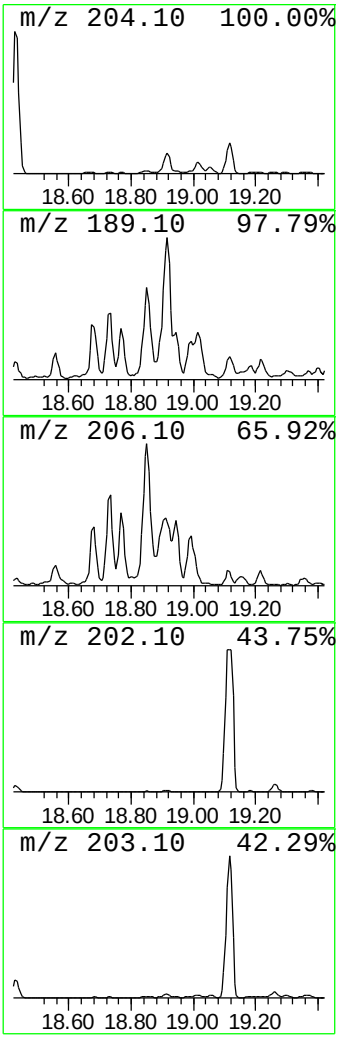
Peak Number 32 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	9.14 ng/ul	2129330	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	48
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	48
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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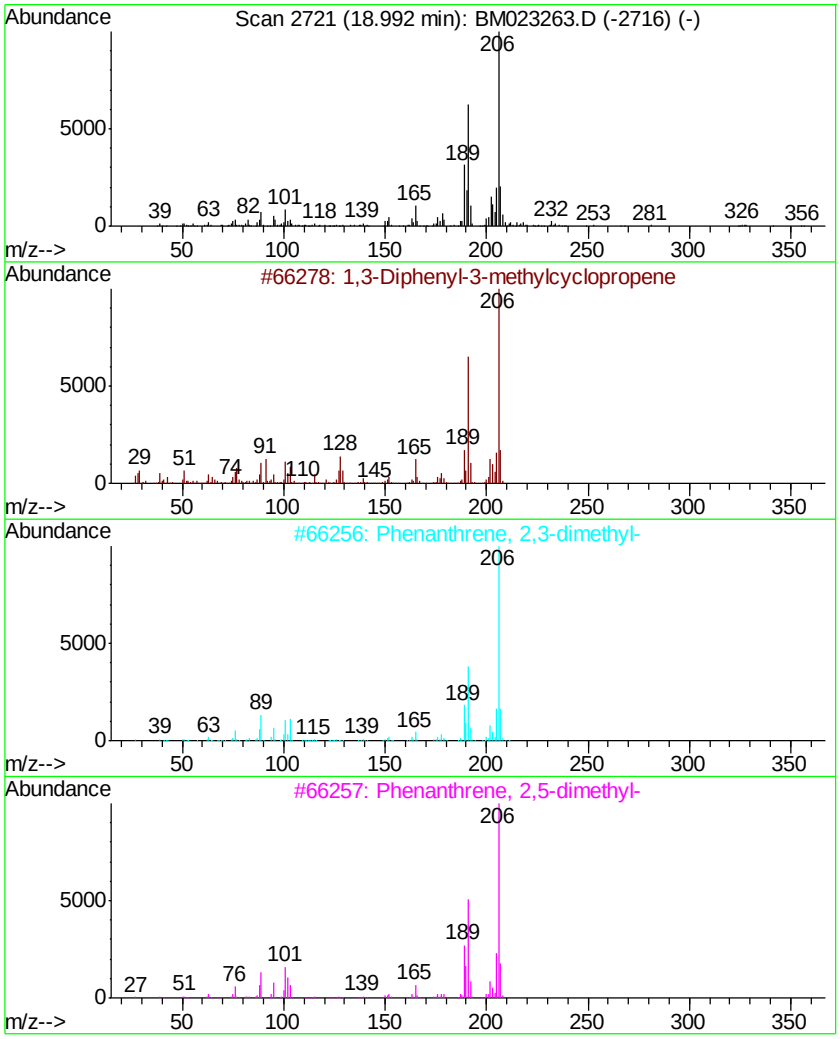
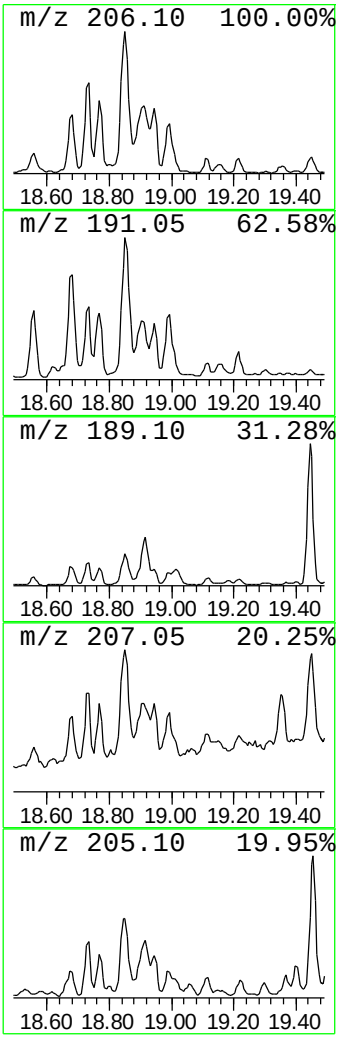
Peak Number 33 1,3-Diphenyl-3-methylcyclop... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.62 ng/ul	1075420	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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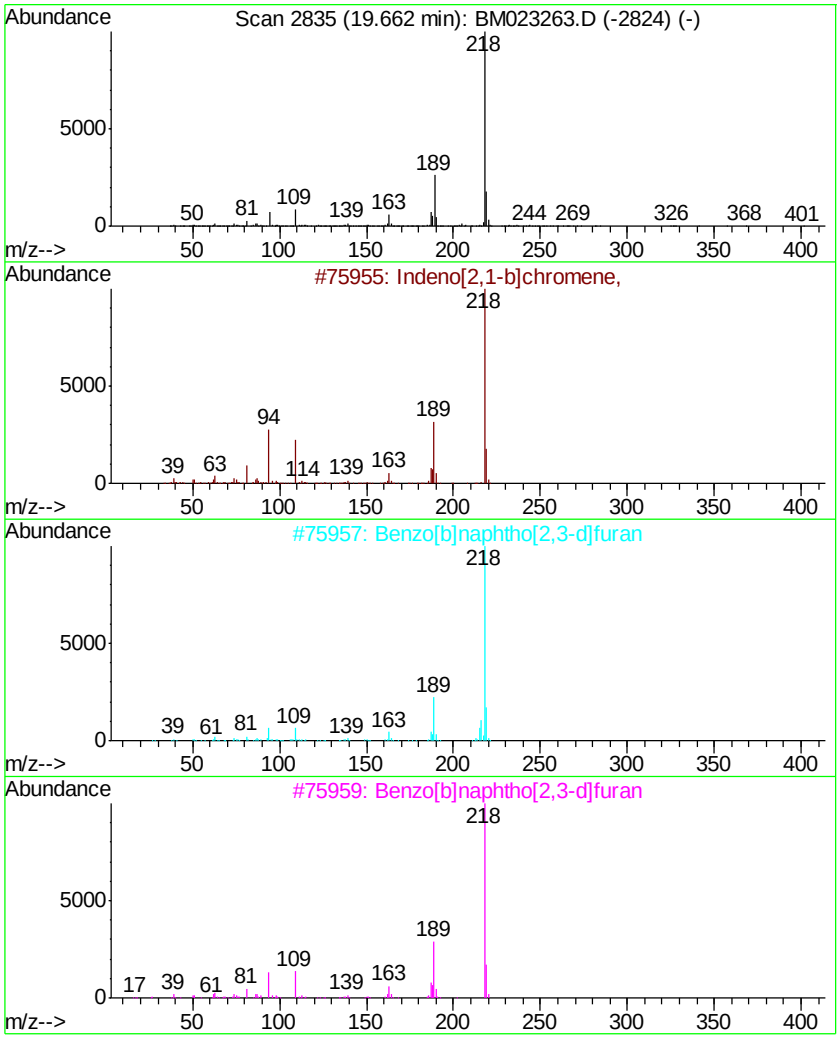
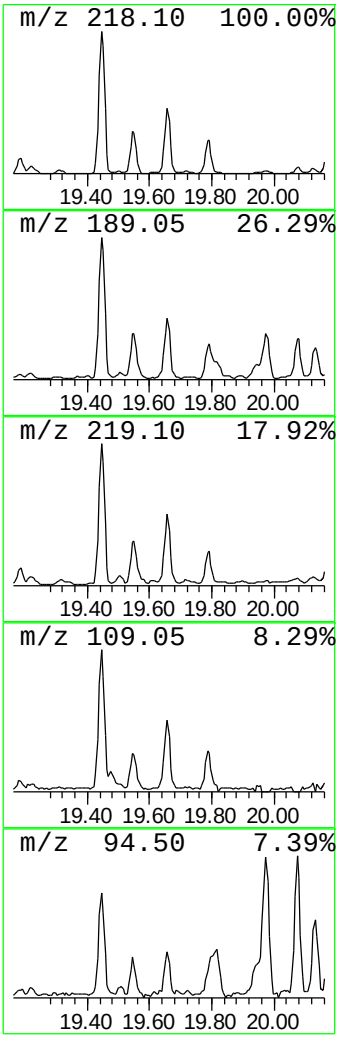
Peak Number 34 Indeno[2,1-b]chromene, Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.17 ng/ul	2607040	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
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	93
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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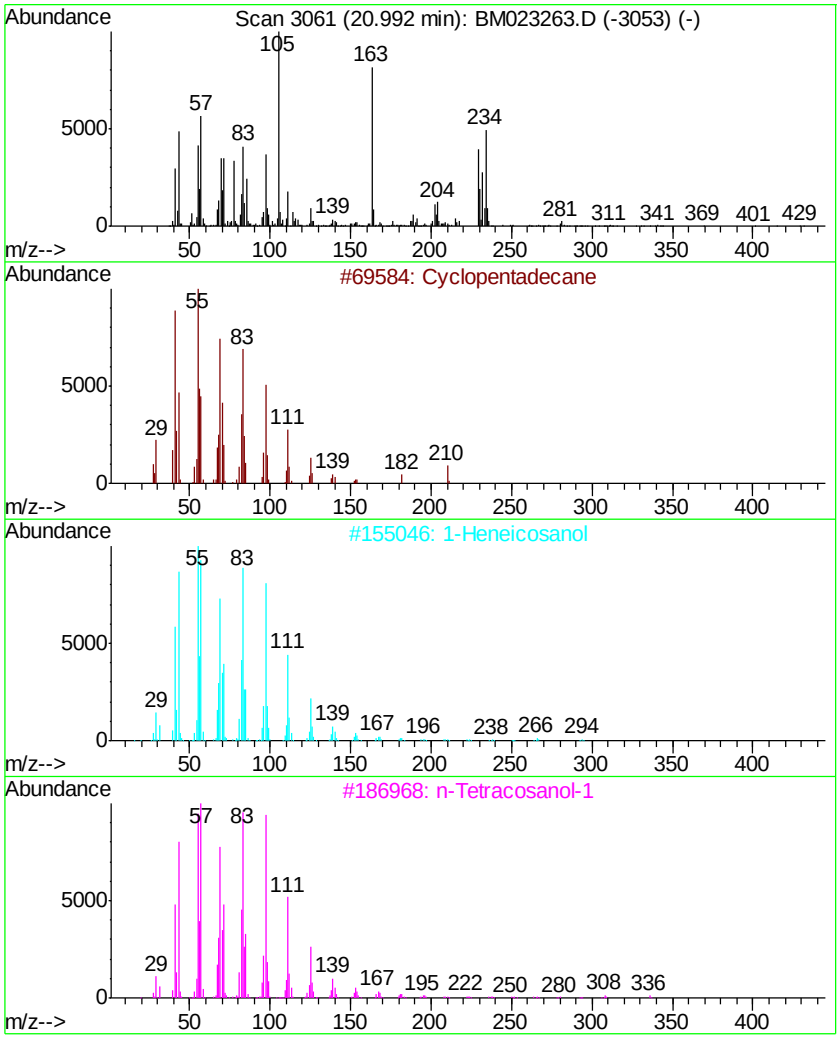
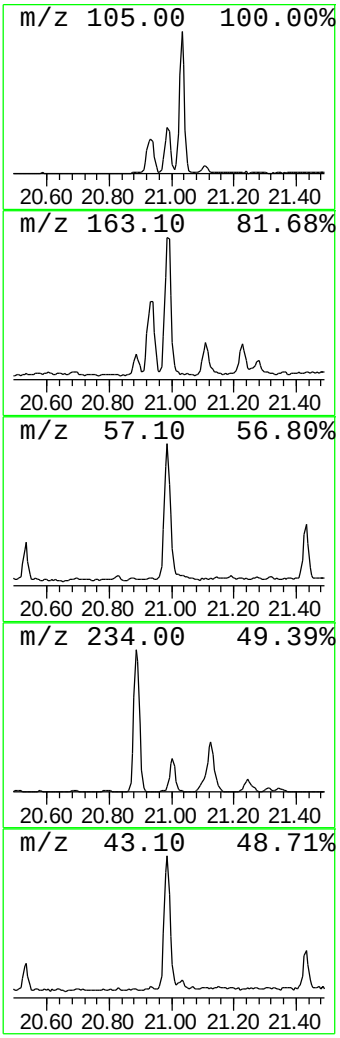
Peak Number 40 (DEL) Alkane: Cyclic20.99 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.18 ng/ul	5031690	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	70
2	1-Heneicosanol	312	C21H44O	015594-90-8	56
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	49
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	42
5	1-Docosene	308	C22H44	001599-67-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
Indane	8.03	30.0	ng/ul	3698800	1	7.66	2464230	20.0
Indene	8.19	17.9	ng/ul	2207940	1	7.66	2464230	20.0
2-Propenal, 3-phe...	9.13	8.9	ng/ul	1520980	2	10.45	3412390	20.0
Benzene, 2-etheny...	9.85	7.7	ng/ul	1311670	2	10.45	3412390	20.0
Naphthalene, 1-me...	12.33	75.0	ng/ul	12801400	2	10.45	3412390	20.0
Naphthalene, 1-et...	13.33	7.0	ng/ul	2159910	3	14.30	6125690	20.0
Naphthalene, 1,3-...	13.47	9.3	ng/ul	2839510	3	14.30	6125690	20.0
Naphthalene, 2,6-...	13.63	14.9	ng/ul	4570490	3	14.30	6125690	20.0
Naphthalene, 1,5-...	13.86	5.8	ng/ul	1792950	3	14.30	6125690	20.0
1-Isopropenylnaph...	14.62	3.6	ng/ul	1111310	3	14.30	6125690	20.0
Naphthalene, 2,3,...	14.79	4.2	ng/ul	1281480	3	14.30	6125690	20.0
Nordiphenamid	15.52	6.8	ng/ul	2083890	3	14.30	6125690	20.0
Diphenylmethane	15.60	4.4	ng/ul	1358330	3	14.30	6125690	20.0
[1,1'-Biphenyl]-4...	15.65	9.7	ng/ul	2970260	3	14.30	6125690	20.0
2,4,6-Cycloheptat...	15.80	18.0	ng/ul	4184770	4	17.05	4657760	20.0
Anthracene, 9,10-...	16.14	5.0	ng/ul	1161730	4	17.05	4657760	20.0
9H-Fluorene, 1-me...	16.36	15.2	ng/ul	3531260	4	17.05	4657760	20.0
9H-Fluorene, 2-me...	16.51	5.1	ng/ul	1186230	4	17.05	4657760	20.0
Anthracene, 1,2,3...	16.80	9.4	ng/ul	2180630	4	17.05	4657760	20.0
Dibenzothiophene	16.86	14.7	ng/ul	3421510	4	17.05	4657760	20.0
Anthracene, 9-eth...	17.57	4.5	ng/ul	1059070	4	17.05	4657760	20.0
Phenanthrene, 1-m...	17.93	23.2	ng/ul	5410230	4	17.05	4657760	20.0
Phenanthrene, 2-m...	17.97	30.2	ng/ul	7041400	4	17.05	4657760	20.0
4H-Cyclopenta[def...	18.12	42.2	ng/ul	9817680	4	17.05	4657760	20.0
Naphthalene, 2-ph...	18.43	14.4	ng/ul	3353070	4	17.05	4657760	20.0
Phenanthrene, 4,5...	18.68	4.7	ng/ul	1084670	4	17.05	4657760	20.0
9,10-Dimethylanth...	18.85	9.5	ng/ul	2219970	4	17.05	4657760	20.0
unknown-01	18.92	9.1	ng/ul	2129330	4	17.05	4657760	20.0
1,3-Diphenyl-3-me...	18.99	4.6	ng/ul	1075420	4	17.05	4657760	20.0
Indeno[2,1-b]chro...	19.66	2.2	ng/ul	2607040	5	21.24	24068400	20.0
(DEL) Alkane: Cyc...	20.99	4.2	ng/ul	5031690	5	21.24	24068400	20.0