LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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	7.657	786	794	801	rBV	1450934	2303060	2.73%	0.378%
2	10.439	1258	1267	1270	rBV	1838815	3185594	3.78%	0.522%
3	10.492	1270	1276	1285	rVV	13773493	23439091	27.82%	3.843%
4	10.604	1285	1295	1305	rVB	551576	1049172	1.25%	0.172%
5	12.110	1543	1551	1558	rVB	6386656	10062546	11.94%	1.650%
6	12.328	1577	1588	1595	rVB	3356148	5450006	6.47%	0.893%
7	13.133	1719	1725	1732	rVB	1877455	2769967	3.29%	0.454%
8	13.333	1753	1759	1771	rVB	887523	1639118	1.95%	0.269%
9	13.463	1771	1781	1783	rBV	1323726	2143727	2.54%	0.351%
10	13.627	1799	1809	1814	rBV	2131797	3948383	4.69%	0.647%
11	13.680	1814	1818	1828	rVV	1523603	2374085	2.82%	0.389%
12	13.863	1844	1849	1852	rBV	832404	1127472	1.34%	0.185%
13	14.022	1865	1876	1886	rBV3	1084710	1975511	2.34%	0.324%
14	14.304	1915	1924	1929	rVV3	2845285	5570711	6.61%	0.913%
15	14.369	1929	1935	1942	rVV	17341779	26057209	30.92%	4.272%
16	14.427	1942	1945	1951	rVV	666294	1022097	1.21%	0.168%
17	14.516	1951	1960	1968	rVV2	322212	870831	1.03%	0.143%
18	14.616	1968	1977	1982	rVV	794398	1387435	1.65%	0.227%
19	14.704	1982	1992	2000	rVB	12470562	18503091	21.96%	3.033%
20	14.786	2000	2006	2011	rBV	670801	914016	1.08%	0.150%
21	14.927	2022	2030	2035	rBV2	533214	983515	1.17%	0.161%
22	14.986	2035	2040	2051	rVB2	567248	948275	1.13%	0.155%
23	15.104	2051	2060	2063	rBV2	423248	915788	1.09%	0.150%
24	15.357	2097	2103	2108	rVV	17406195	25624393	30.41%	4.201%
25	15.451	2114	2119	2121	rVV	768347	1119320	1.33%	0.184%
26	15.480	2121	2124	2127	rVV2	1203148	1769466	2.10%	0.290%
27	15.516	2127	2130	2135	rVV	2198909	3200747	3.80%	0.525%
28	15.569	2135	2139	2142	rVV2	550697	907184	1.08%	0.149%
29	15.604	2142	2145	2149	rVV	1122406	1589797	1.89%	0.261%
30	15.651	2149	2153	2163	rVV	2794768	4138722	4.91%	0.678%
31	15.798	2163	2178	2186	rVV	3093408	6548196	7.77%	1.074%
32	15.886	2186	2193	2199	rVB3	579179	1181489	1.40%	0.194%
33	16.151	2231	2238	2245	rBV	1237517	2086652	2.48%	0.342%
34	16.363	2267	2274	2278	rVV2	1924476	3739290	4.44%	0.613%

LSC Area Percent Report

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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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Peak separation: 5

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

35	16.410	2278	2282	2287	rVV	786371	1071938	1.27%	0.176%
36	16.510	2293	2299	2304	rVB2	905499	1590476	1.89%	0.261%
37	16.592	2310	2313	2316	rVV	739549	991949	1.18%	0.163%
38	16.633	2316	2320	2323	rVV2	811353	1177237	1.40%	0.193%
39	16.804	2341	2349	2353	rBV3	1149033	2816781	3.34%	0.462%
40	16.868	2353	2360	2365	rVB	4044100	5864693	6.96%	0.961%
41	17.051	2386	2391	2393	rVV	2855634	4179660	4.96%	0.685%
42	17.104	2393	2400	2405	rVV2	48225619	84264470	100.00%	13.814%
43	17.186	2409	2414	2419	rVV	7344259	10059729	11.94%	1.649%
44	17.239	2419	2423	2430	rVB	1769794	2619233	3.11%	0.429%
45	17.451	2454	2459	2464	rVB	3419568	4775959	5.67%	0.783%
46	17.574	2476	2480	2484	rVV2	1027505	1616772	1.92%	0.265%
47	17.768	2509	2513	2523	rVB	463387	901021	1.07%	0.148%
48	17.927	2530	2540	2544	rBV	4755928	7274438	8.63%	1.193%
49	17.974	2544	2548	2555	rVB	6700480	9341744	11.09%	1.531%
50	18.057	2555	2562	2567	rBV	1970081	3210632	3.81%	0.526%
51	18.121	2567	2573	2577	rBV2	9211679	15166809	18.00%	2.486%
52	18.157	2577	2579	2585	rVB	2353952	2667466	3.17%	0.437%
53	18.433	2621	2626	2629	rVV	3528265	4900550	5.82%	0.803%
54	18.468	2629	2632	2637	rVB	934656	1208149	1.43%	0.198%
55	18.680	2663	2668	2672	rVV3	824642	1239498	1.47%	0.203%
56	18.733	2672	2677	2680	rVV	709663	1040489	1.23%	0.171%
57	18.851	2691	2697	2702	rVV	1406831	2509101	2.98%	0.411%
58	18.915	2702	2708	2711	rVV2	1187796	2114520	2.51%	0.347%
59	18.992	2717	2721	2729	rVV2	547192	1303777	1.55%	0.214%
60	19.121	2736	2743	2748	rBV2	39703325	59172893	70.22%	9.701%
61	19.215	2756	2759	2763	rVV3	683728	976230	1.16%	0.160%
62	19.357	2778	2783	2788	rVB2	1299732	2059142	2.44%	0.338%
63	19.480	2794	2804	2812	rBV3	29349498	56024904	66.49%	9.185%
64	19.551	2812	2816	2824	rVB3	1532040	2525396	3.00%	0.414%
65	19.657	2829	2834	2840	rBV	2006370	2744734	3.26%	0.450%
66	19.715	2840	2844	2850	rVB	1077205	1533085	1.82%	0.251%
67	19.815	2852	2861	2865	rBV2	1718176	4745886	5.63%	0.778%
68	19.851	2865	2867	2872	rVB	1058498	1151690	1.37%	0.189%
69	19.909	2872	2877	2879	rBV	765342	1170788	1.39%	0.192%
70	19.939	2879	2882	2884	rVV2	1298016	1889010	2.24%	0.310%
71	19.974	2884	2888	2893	rVB	6219802	8502704	10.09%	1.394%

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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

72	20.074	2900	2905	2909	rBV	6708795	8789857	10.43%	1.441%
73	20.133	2909	2915	2919	rVV2	2513277	4345325	5.16%	0.712%
74	20.174	2919	2922	2926	rVB2	901281	1092406	1.30%	0.179%
75	20.215	2926	2929	2934	rVB2	607049	800340	0.95%	0.131%
76	20.274	2935	2939	2942	rBV	958196	1203440	1.43%	0.197%
77	20.321	2942	2947	2951	rBV3	1120271	1698386	2.02%	0.278%
78	20.604	2992	2995	2999	rVB2	694740	1021618	1.21%	0.167%
79	20.686	3004	3009	3014	rBV2	920405	1774969	2.11%	0.291%
80	20.886	3039	3043	3046	rBV	1761073	2215375	2.63%	0.363%
81	20.927	3046	3050	3053	rVV	2161974	2782129	3.30%	0.456%
82	20.968	3053	3057	3074	rVB3	1799793	4732592	5.62%	0.776%
83	21.227	3096	3101	3107	rVV3	14299048	25509183	30.27%	4.182%
84	21.280	3107	3110	3117	rVB	8782154	11169936	13.26%	1.831%
85	21.392	3126	3129	3134	rBV	2006908	2670522	3.17%	0.438%
86	21.545	3151	3155	3162	rBV2	1685915	2688520	3.19%	0.441%
87	21.698	3178	3181	3185	rBV2	673637	857635	1.02%	0.141%
88	21.786	3191	3196	3201	rVV	1605122	2820833	3.35%	0.462%
89	21.839	3202	3205	3212	rVB	780412	1096723	1.30%	0.180%
90	21.939	3219	3222	3226	rVB2	771595	923567	1.10%	0.151%
91	21.980	3226	3229	3232	rVV	780335	1068134	1.27%	0.175%
92	22.015	3232	3235	3240	rVB2	1399098	1831551	2.17%	0.300%
93	22.080	3242	3246	3256	rVB3	619656	1222181	1.45%	0.200%
94	22.797	3361	3368	3372	rBV	5430545	12319748	14.62%	2.020%
95	22.956	3391	3395	3404	rVB	1044398	1721856	2.04%	0.282%
96	23.262	3441	3447	3455	rVB	2758899	5158104	6.12%	0.846%
97	23.356	3457	3463	3469	rVV	4047589	7512575	8.92%	1.232%
98	23.450	3473	3479	3484	rVV	3125949	6386384	7.58%	1.047%
99	23.497	3484	3487	3495	rVB2	1155748	2168259	2.57%	0.355%
100	25.668	3849	3856	3869	rVB3	1639917	5449892	6.47%	0.893%

Sum of corrected areas: 609981549

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023261.D
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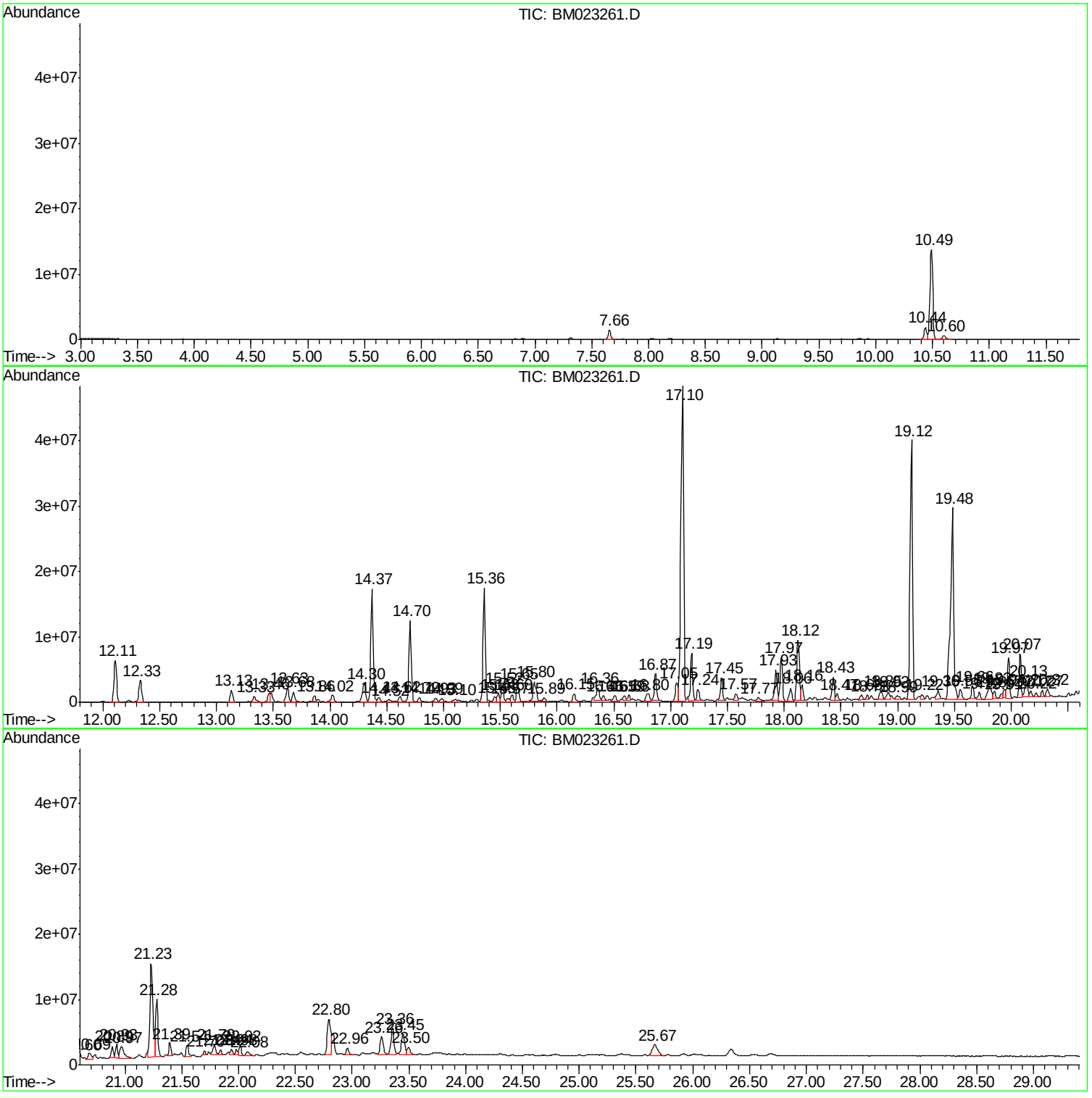
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

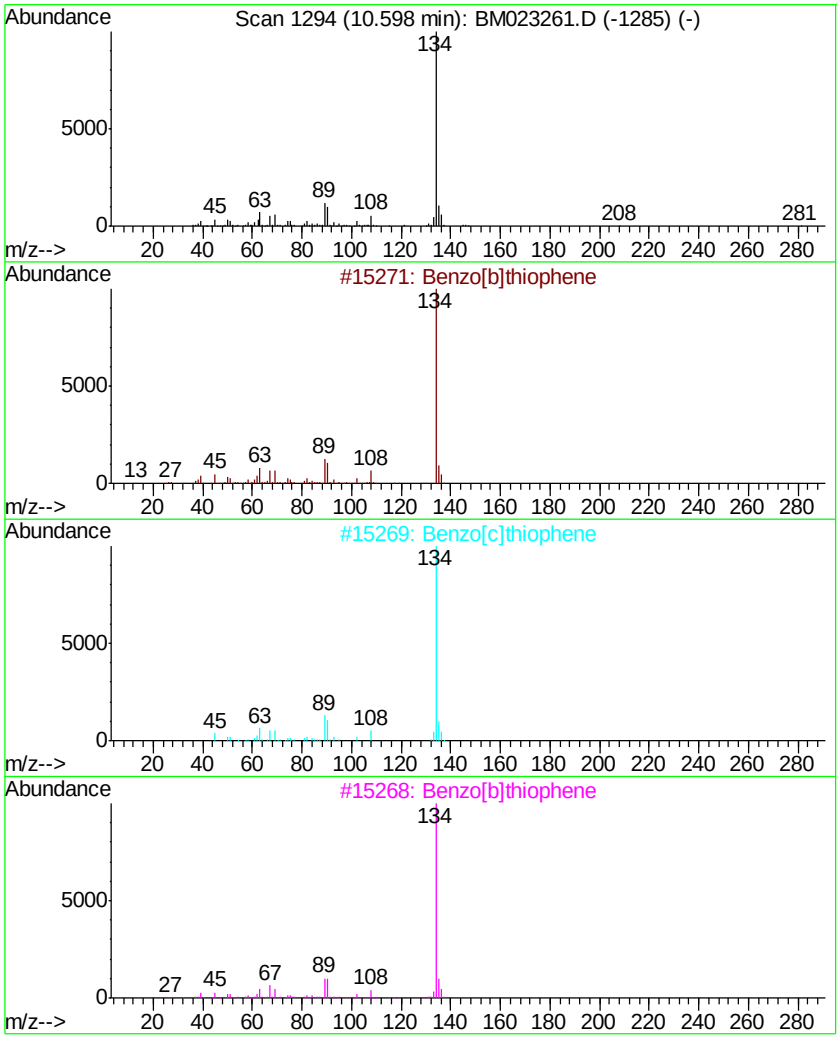
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

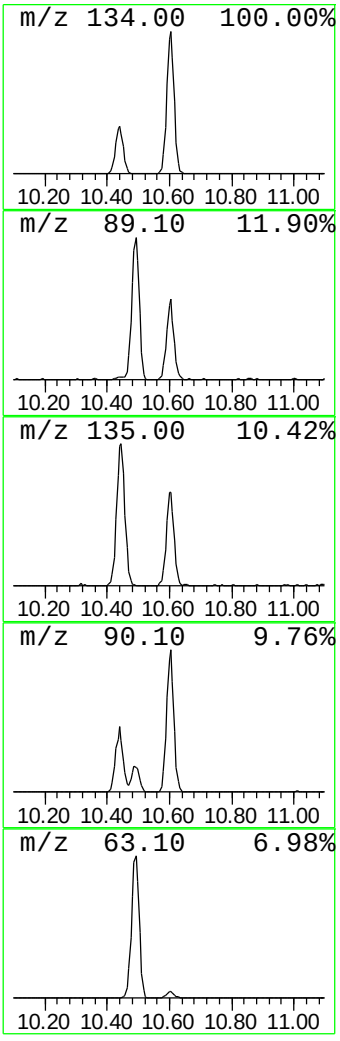
****

Peak Number 1 Benzo[b]thiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.59 ng/ul	1049170	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94





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Acq On : 18 Oct 2019 17:13
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

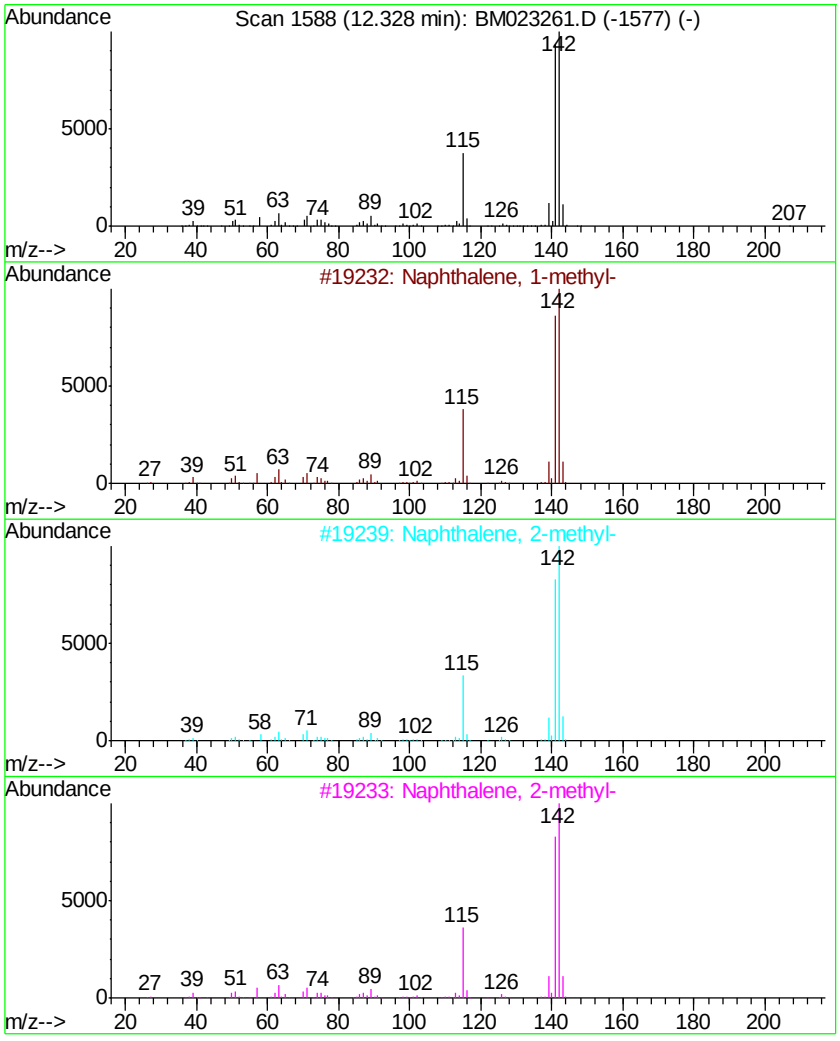
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

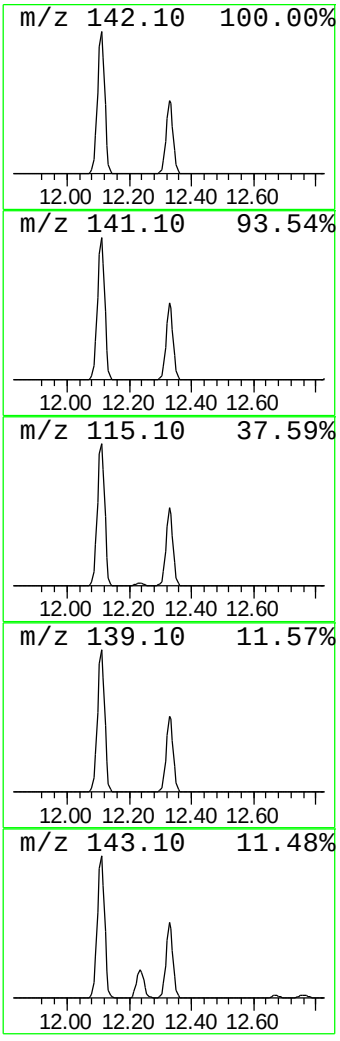
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	34.22 ng/ul	5450010	Naphthalene-d8	10.44

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





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Quant Title : SVOA CALIBRATION

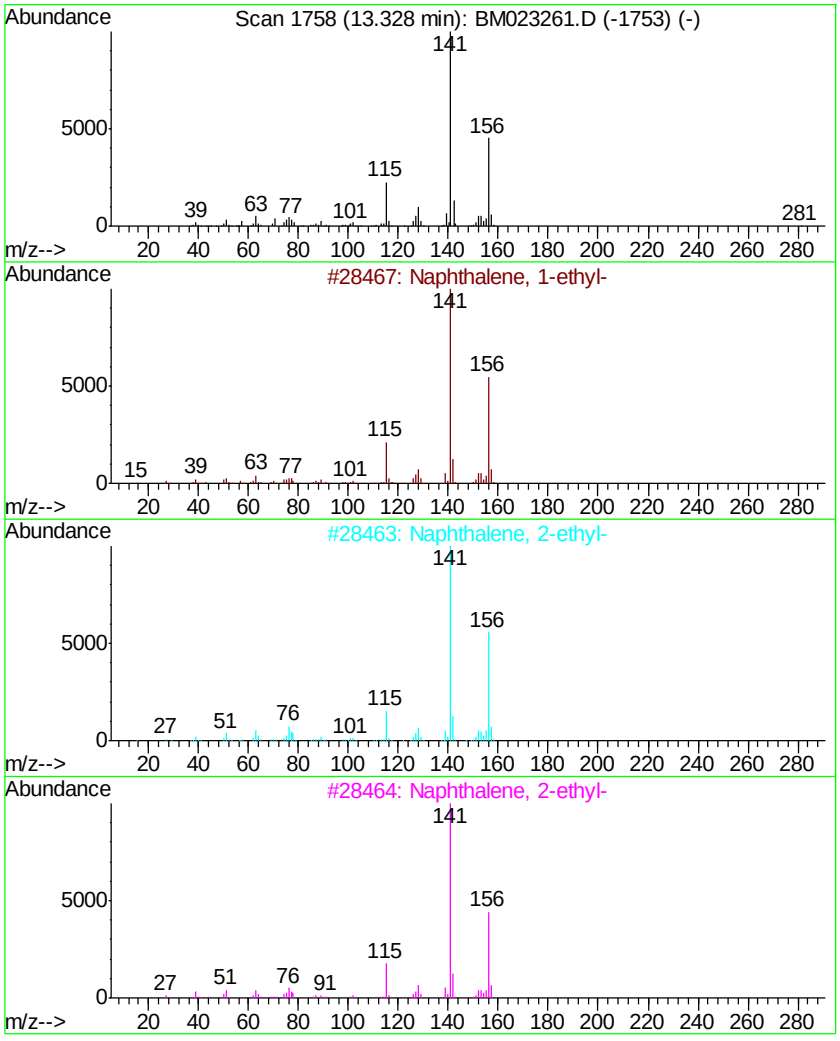
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

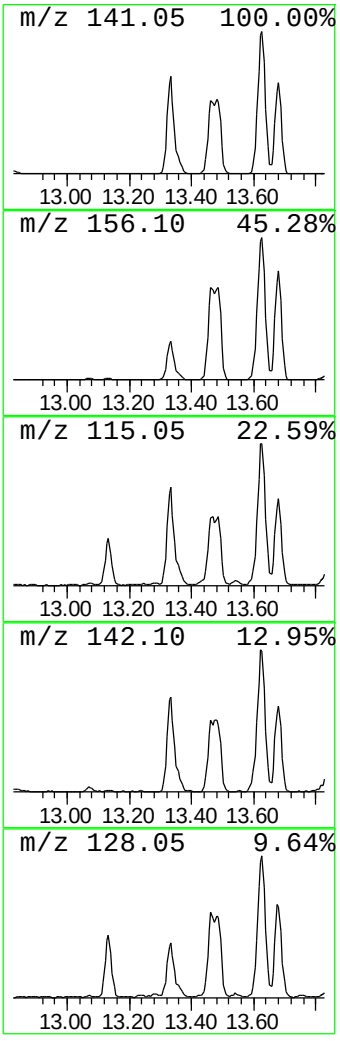
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	5.88 ng/ul	1639120	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Library Search Compound Report

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Acq On : 18 Oct 2019 17:13
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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

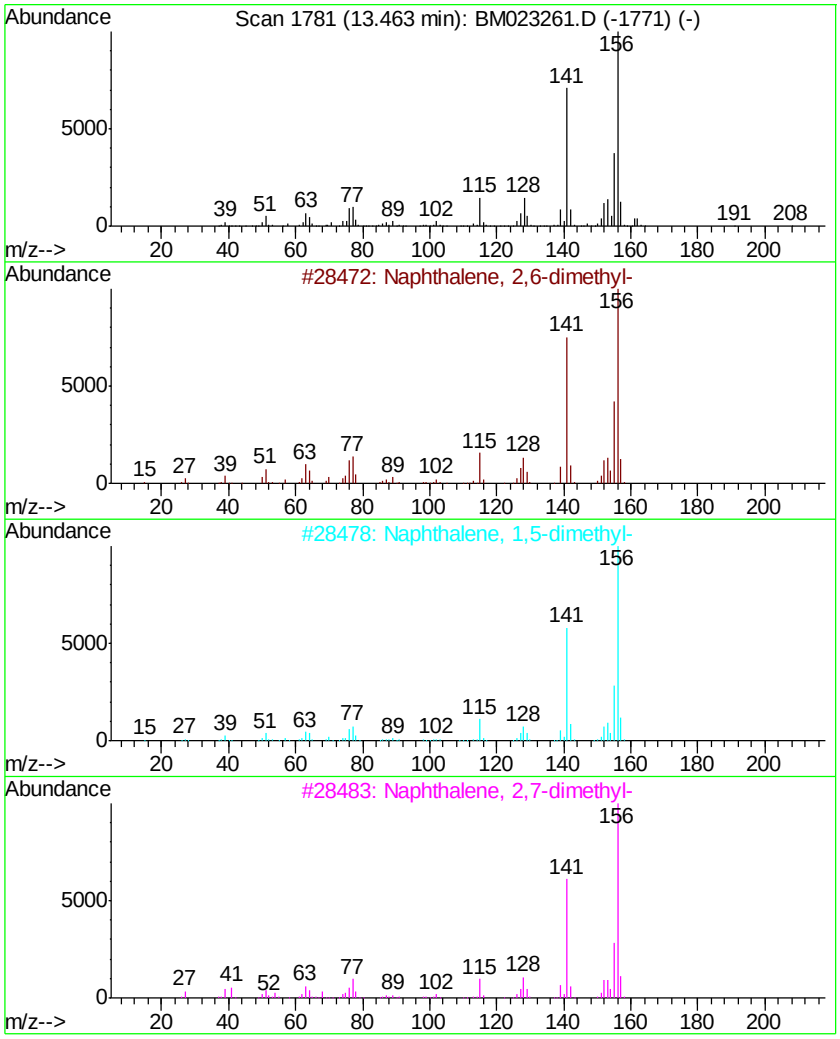
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

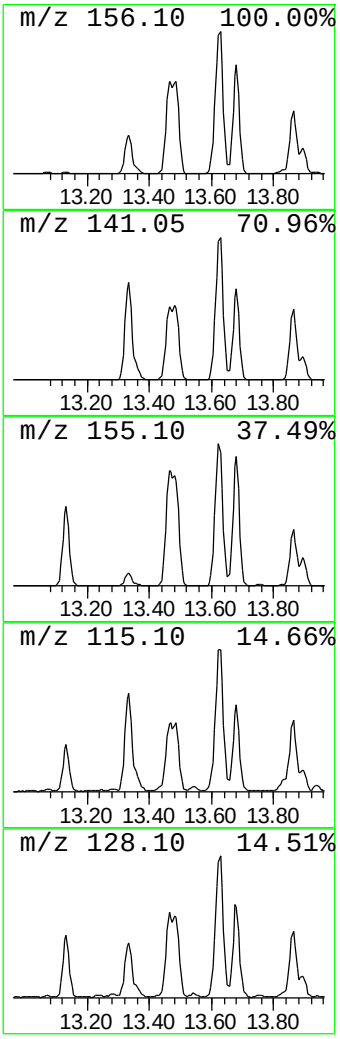
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	7.70 ng/ul	2143730	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

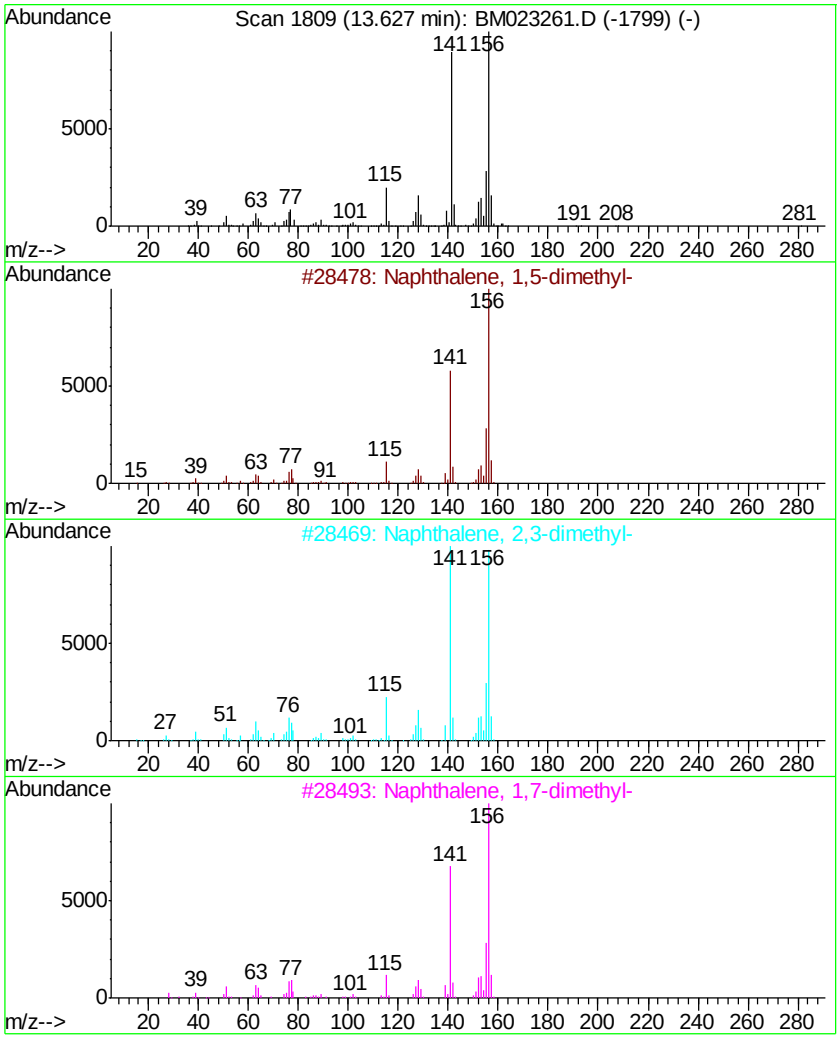
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

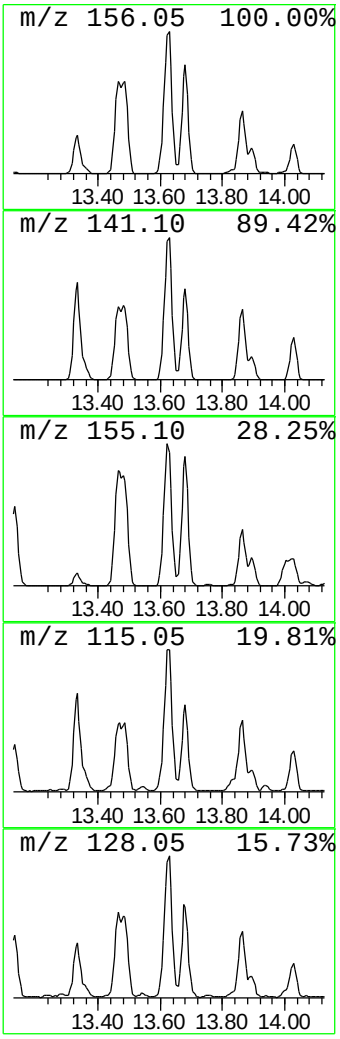
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	14.18 ng/ul	3948380	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, 1,7-dimethyl-	156	C12H12	000575-37-1	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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Data File : BM023261.D
Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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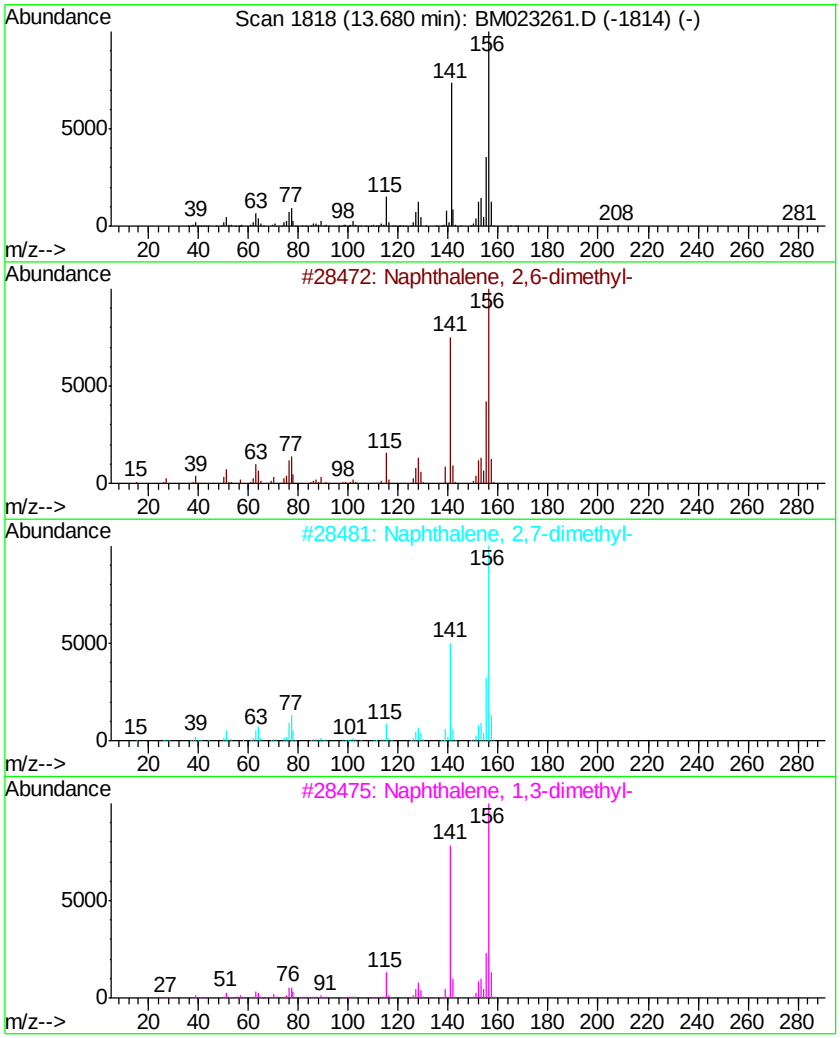
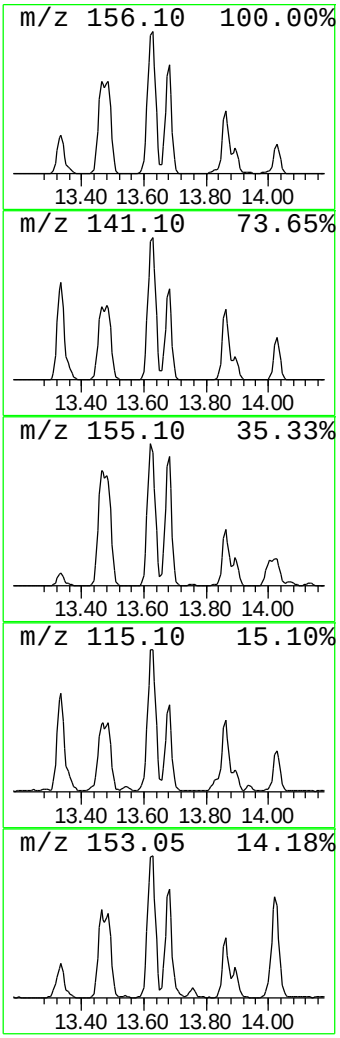
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.52 ng/ul	2374090	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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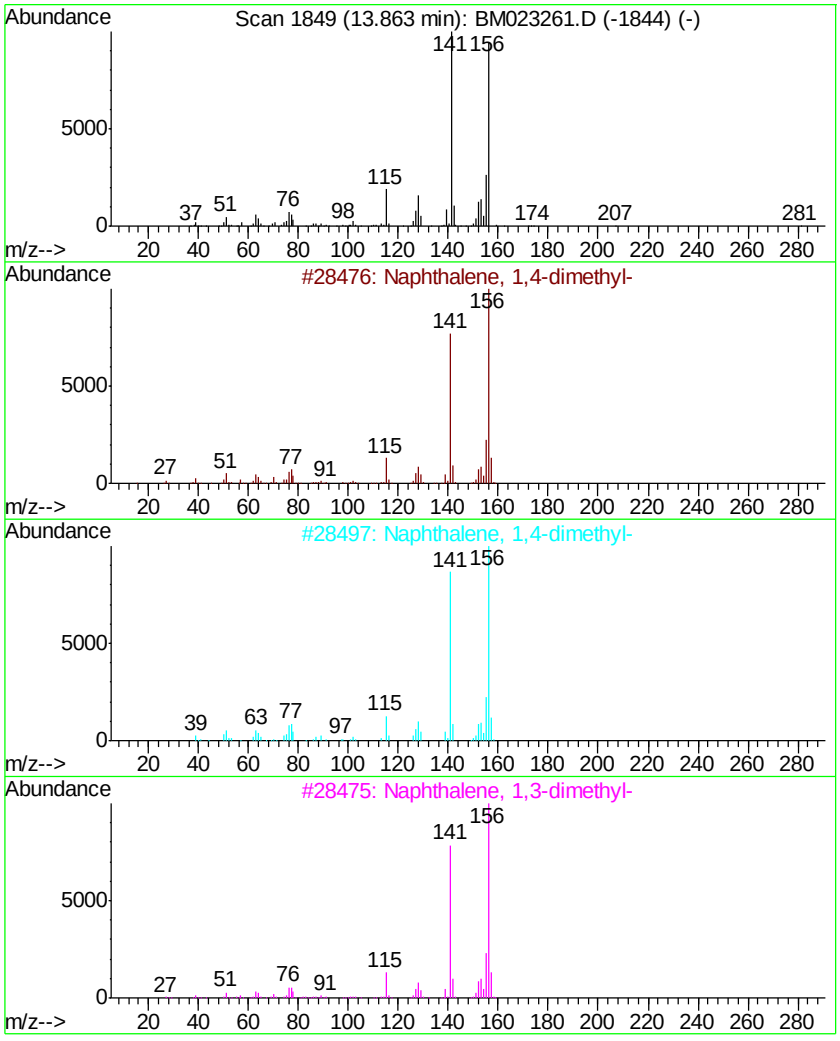
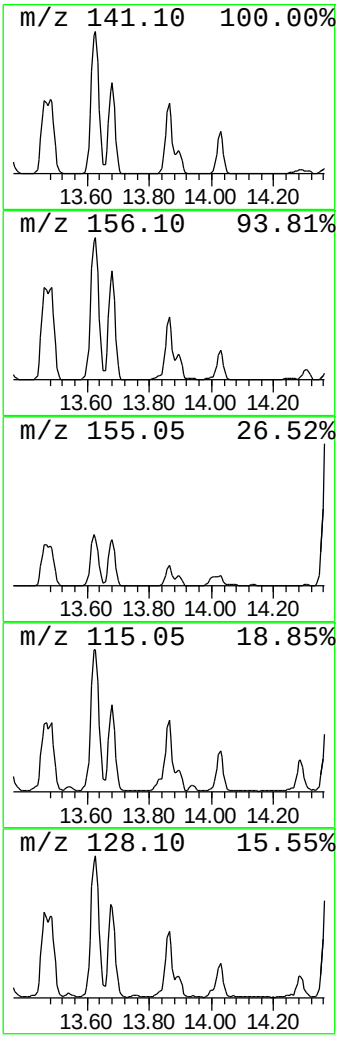
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.05 ng/ul	1127470	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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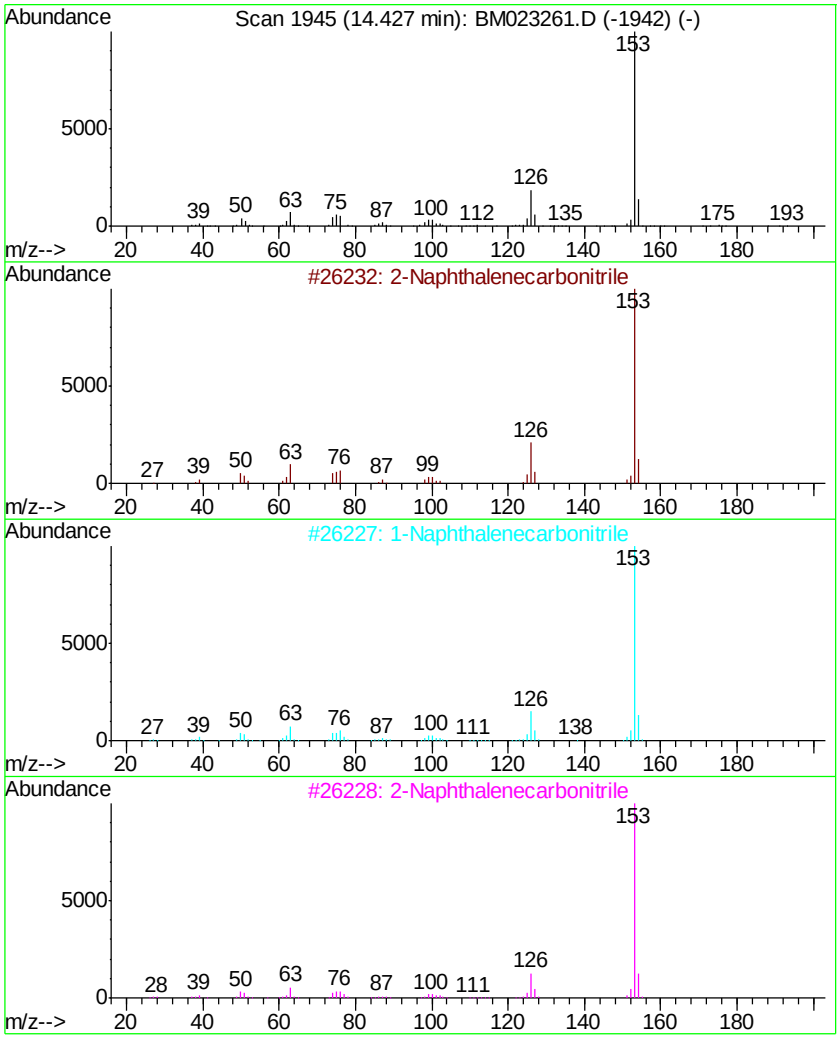
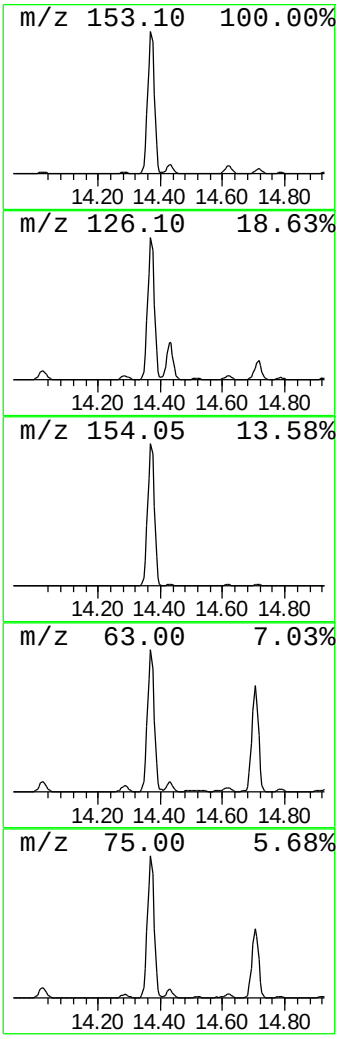
Peak Number 8 2-Naphthalenecarbonitrile Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.67 ng/ul	1022100	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
4	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	83
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	80





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Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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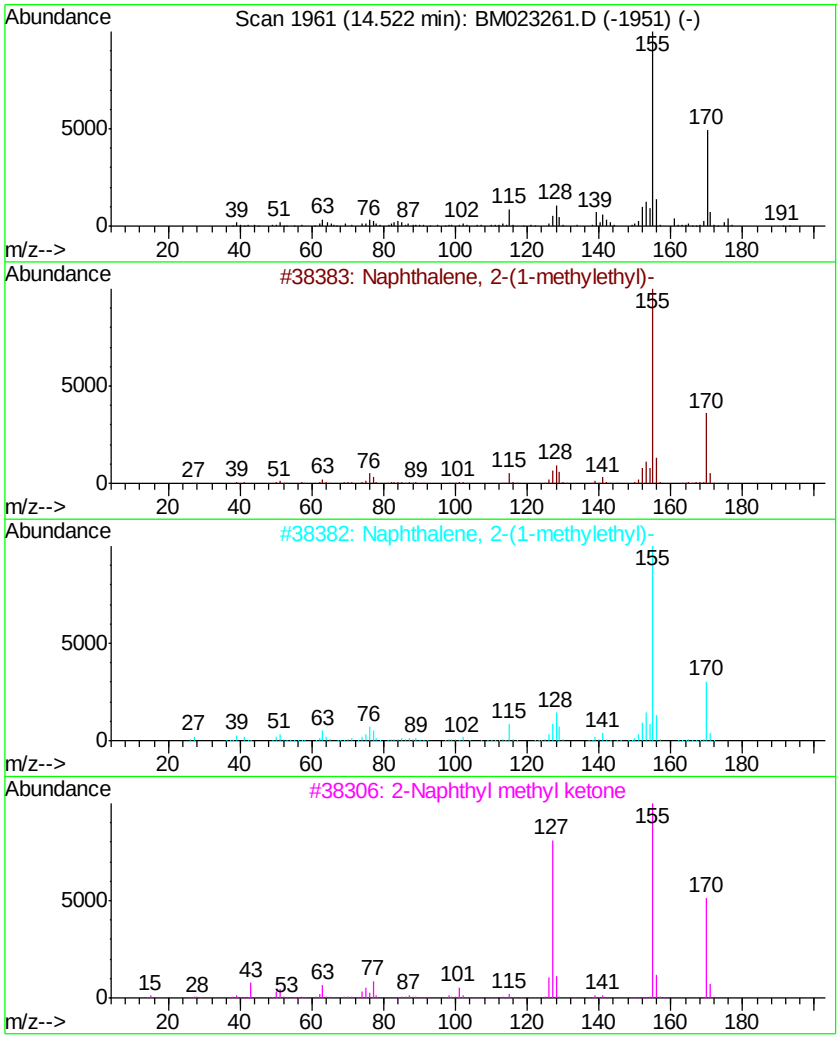
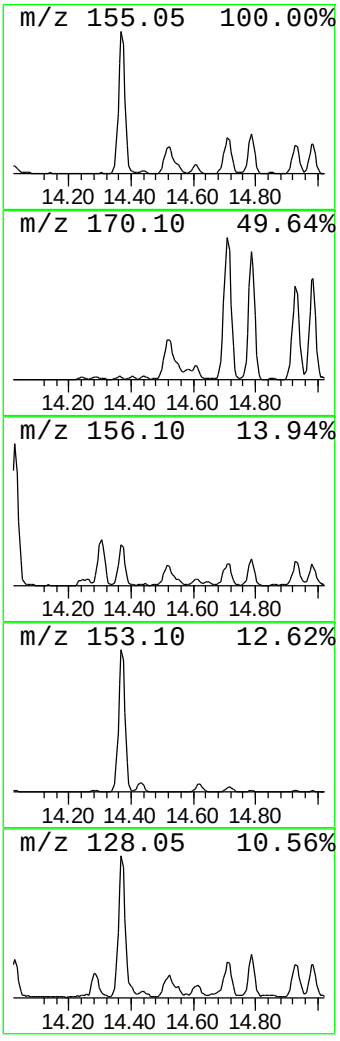
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.13 ng/ul	870831	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	59
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	59





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Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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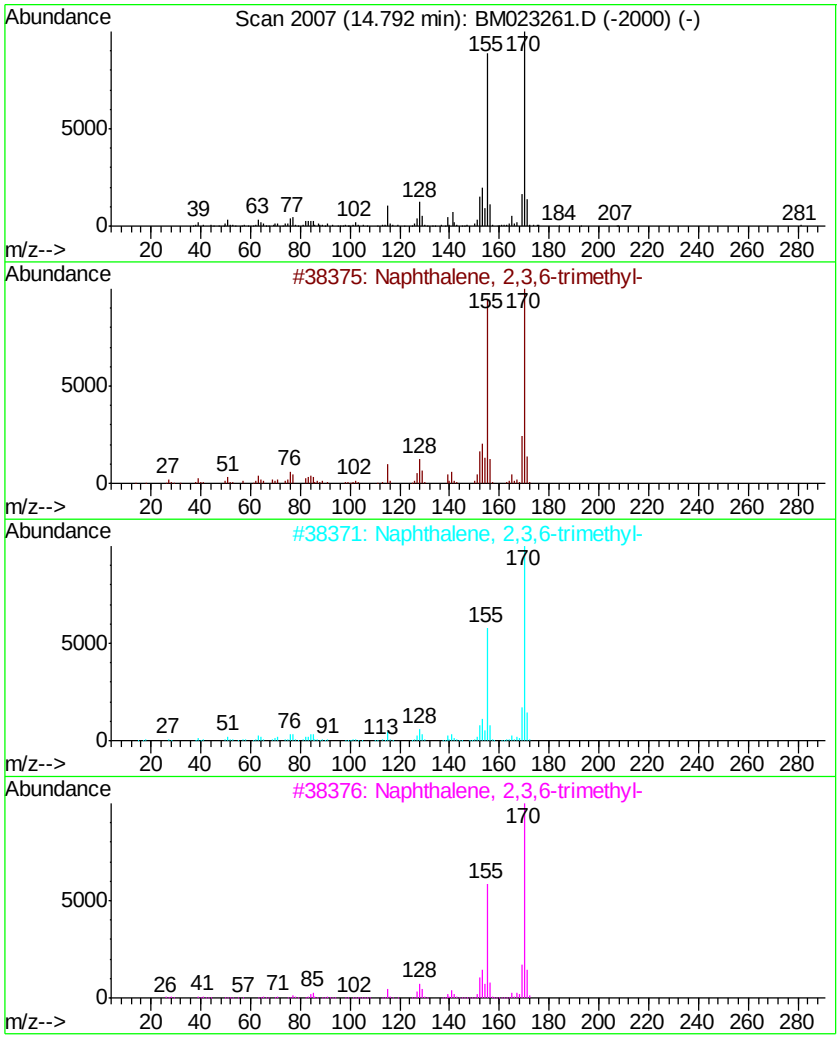
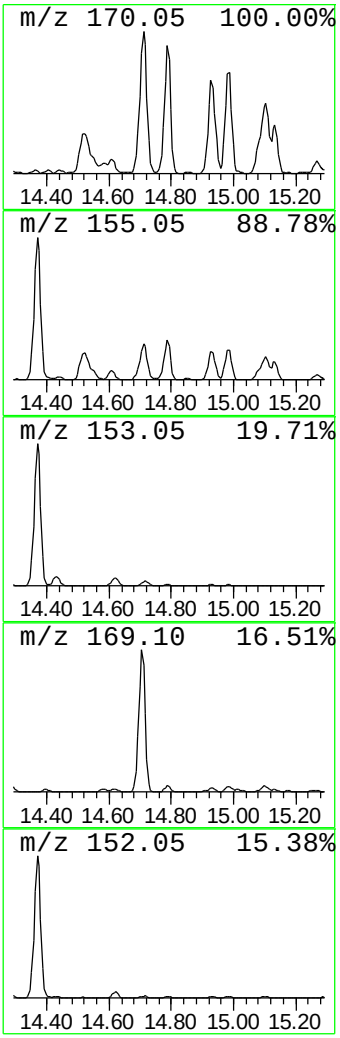
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.28 ng/ul	914016	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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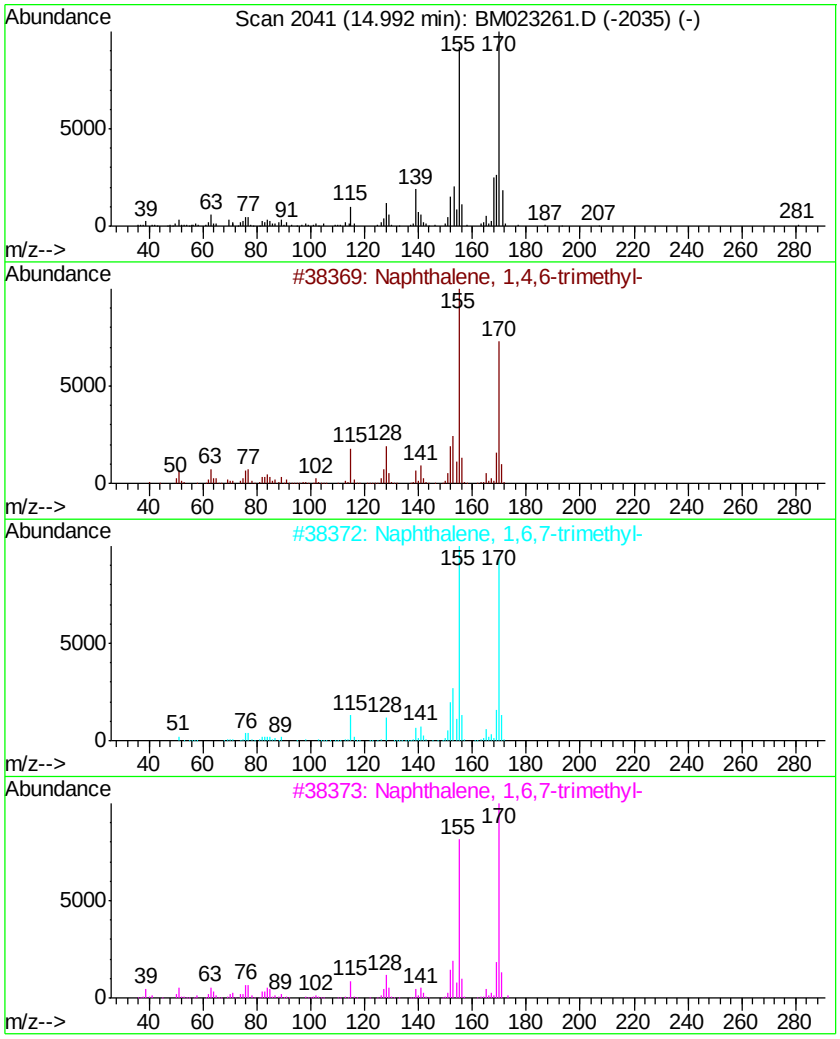
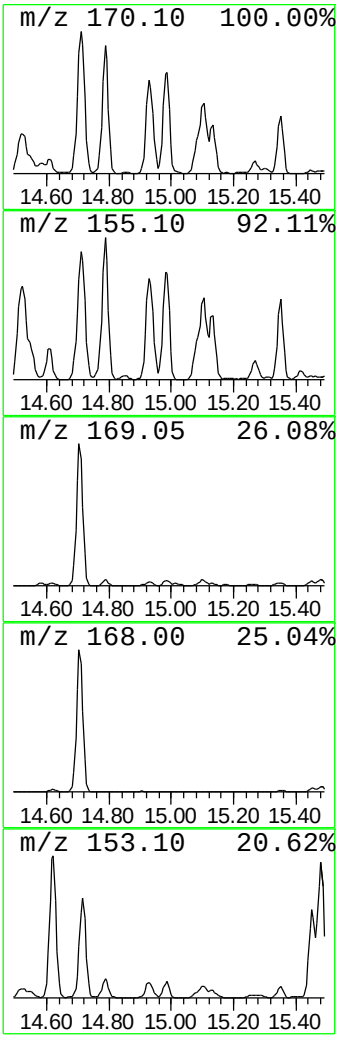
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.40 ng/ul	948275	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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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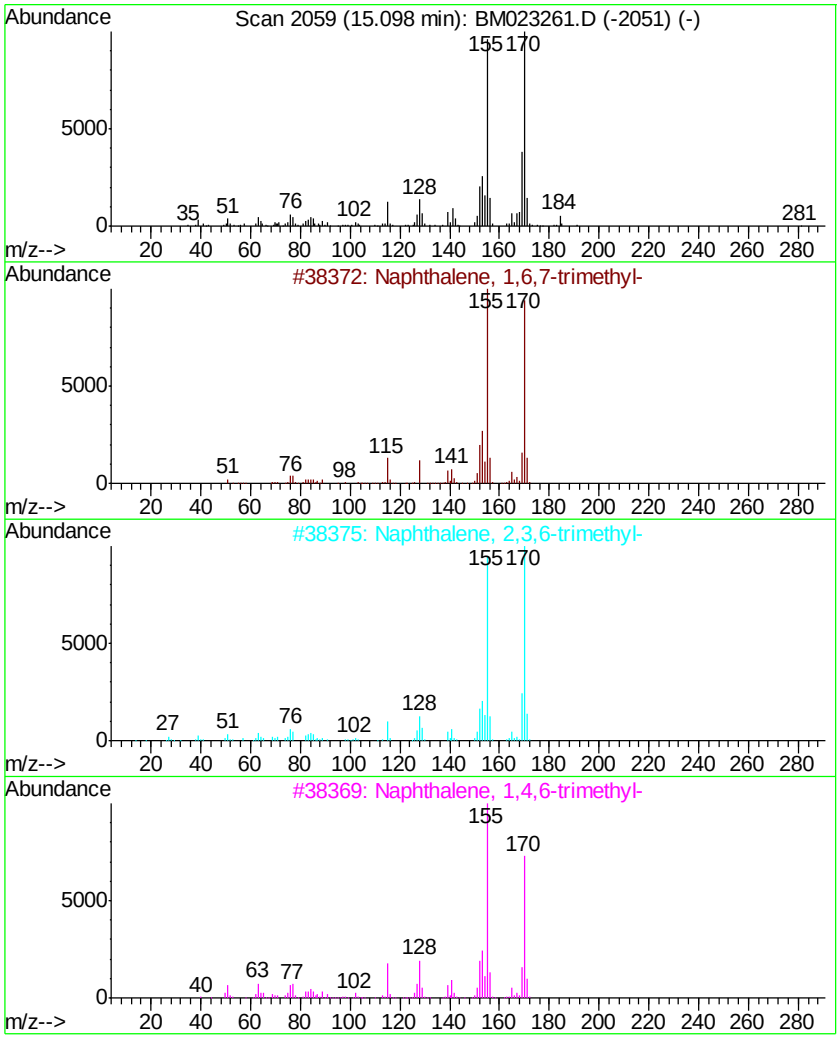
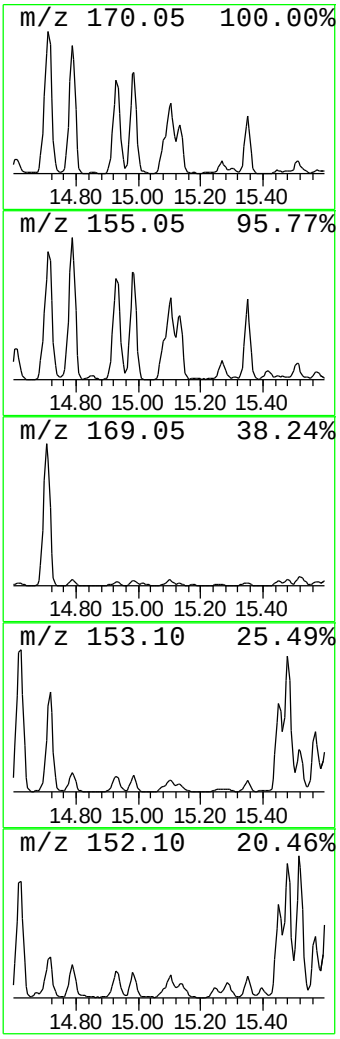
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.29 ng/ul	915788	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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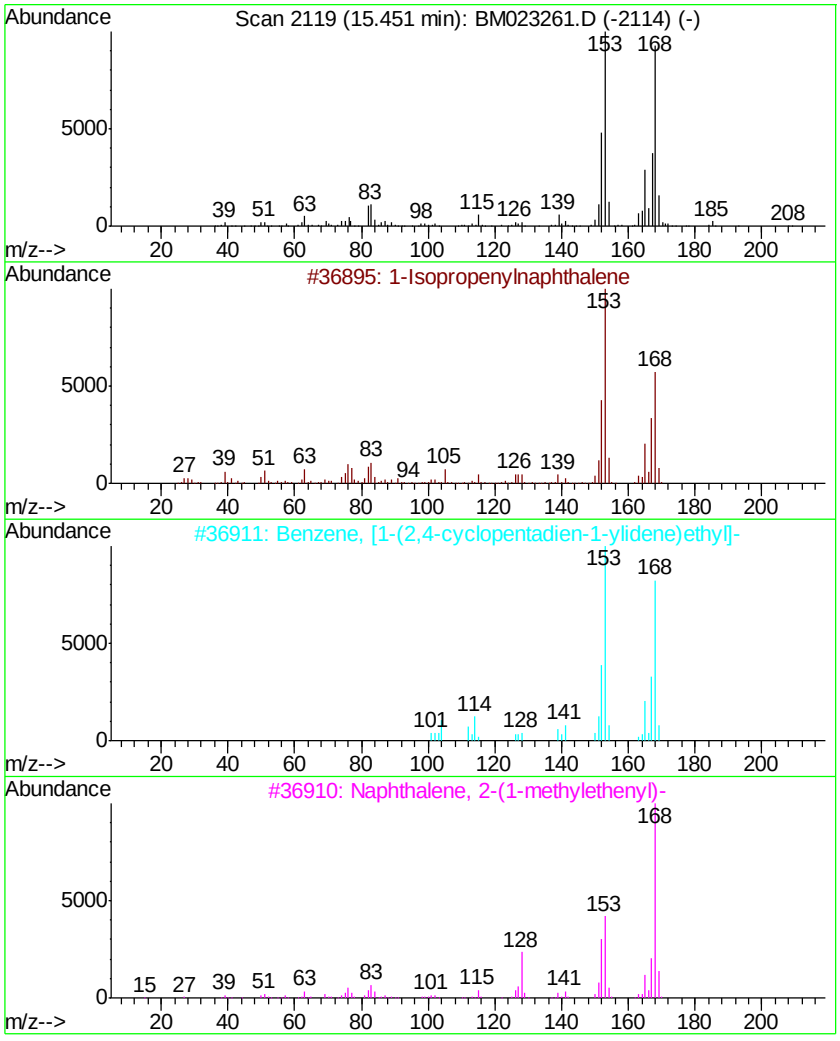
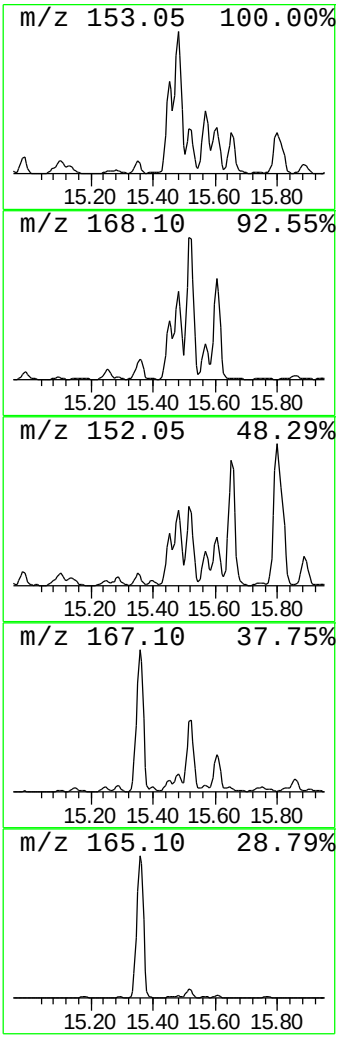
Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	4.02 ng/ul	1119320	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	64
4	1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	47
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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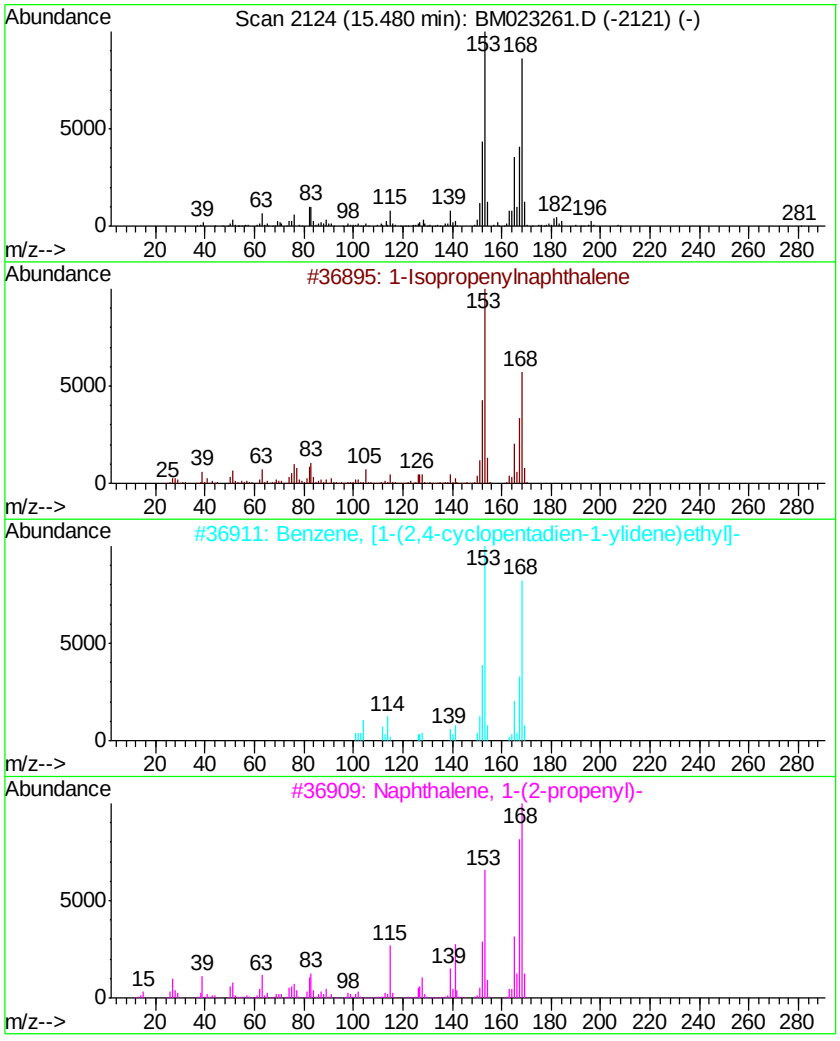
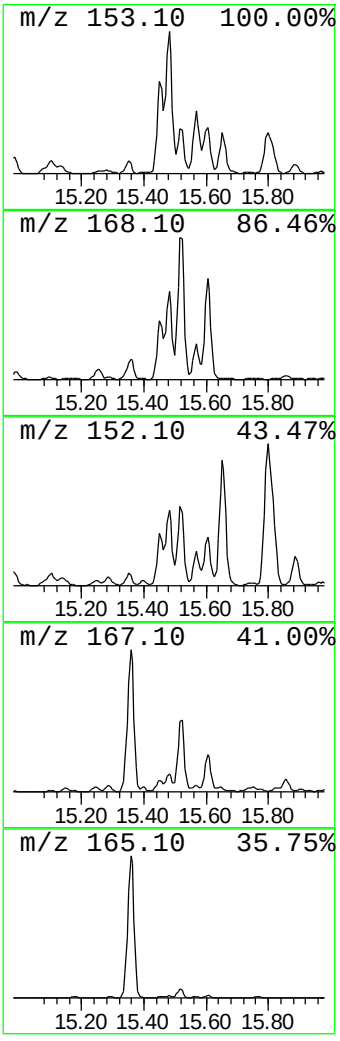
Peak Number 16 Naphthalene, 1-(2-propenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.35 ng/ul	1769470	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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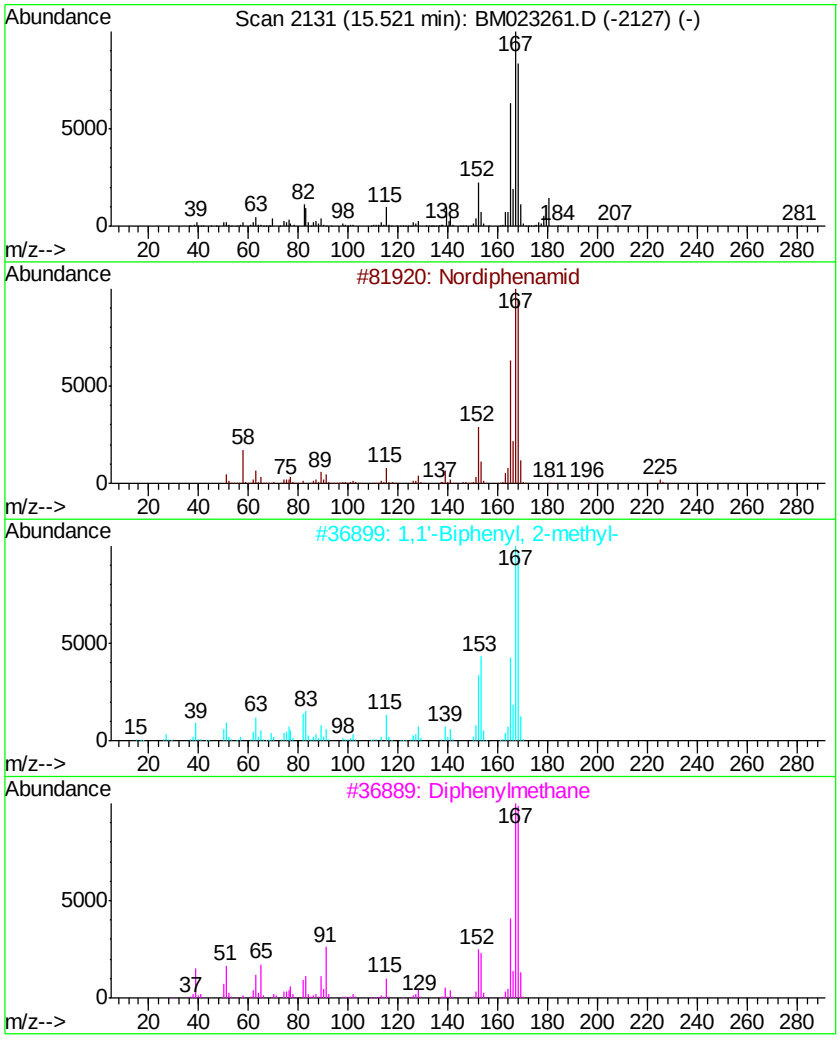
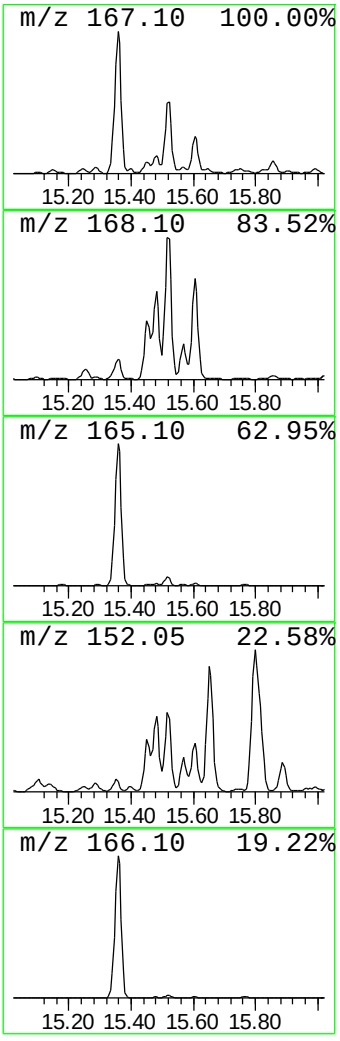
Peak Number 17 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	11.49 ng/ul	3200750	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	47
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	47





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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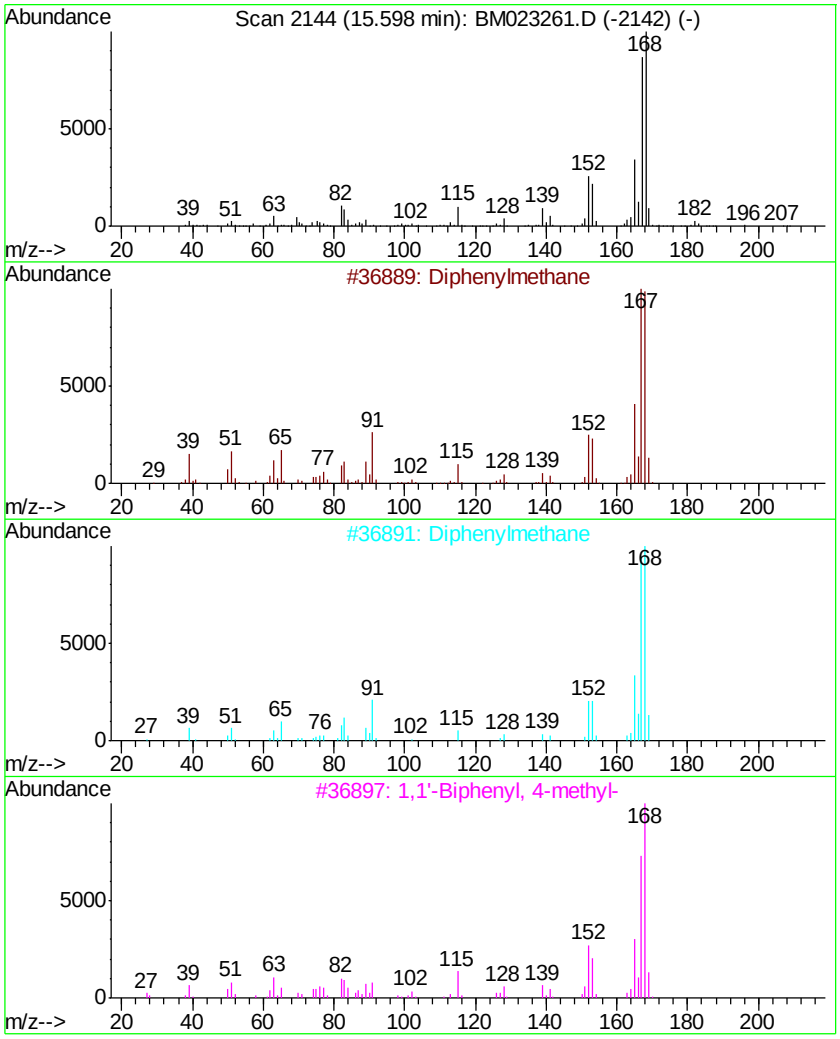
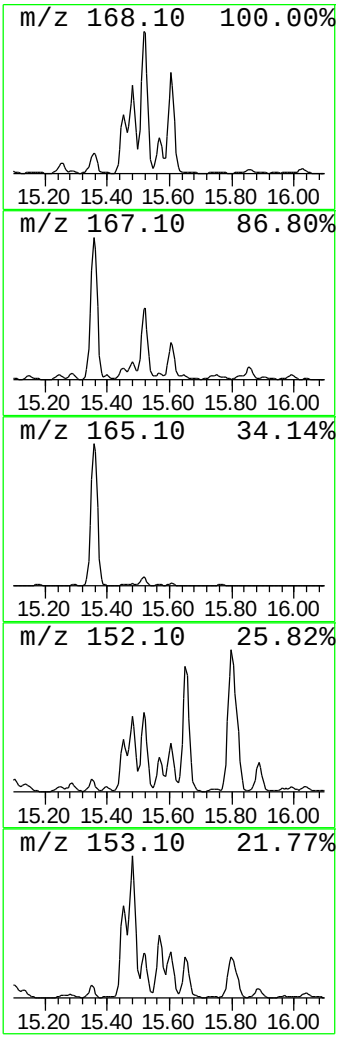
Peak Number 19 Diphenylmethane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.71 ng/ul	1589800	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	93
2	Diphenylmethane	168	C13H12	000101-81-5	93
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4	Diphenylmethane	168	C13H12	000101-81-5	90
5	Diphenylmethane	168	C13H12	000101-81-5	90





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

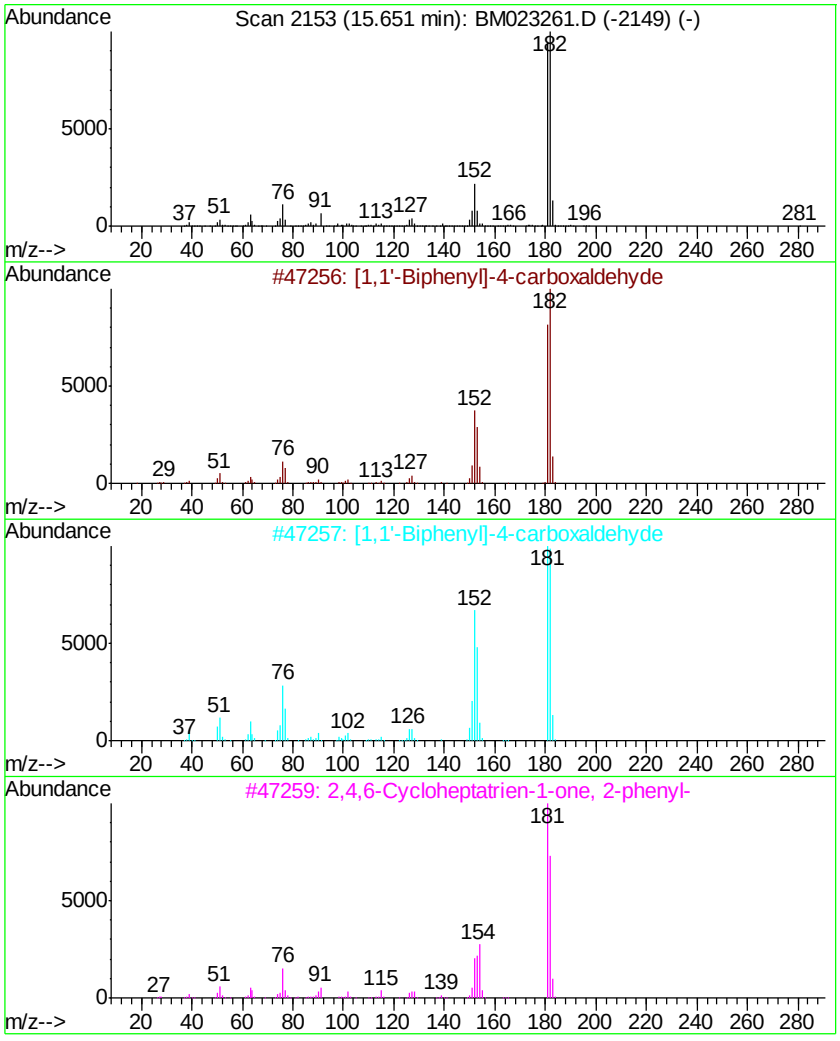
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

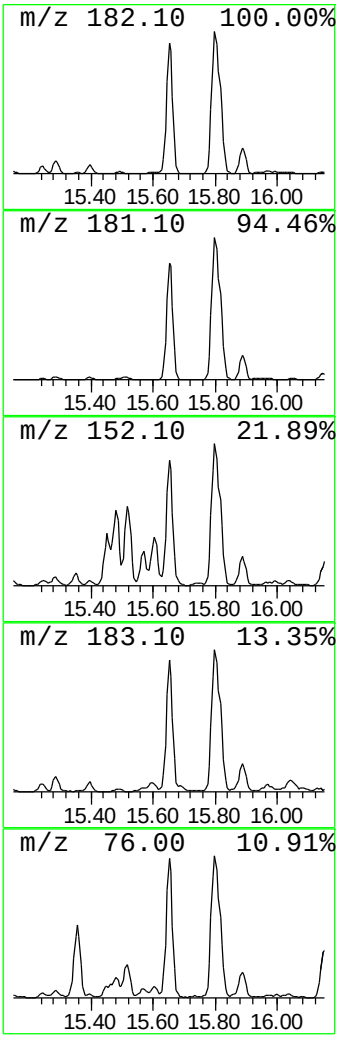
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	14.86 ng/ul	4138720	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	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

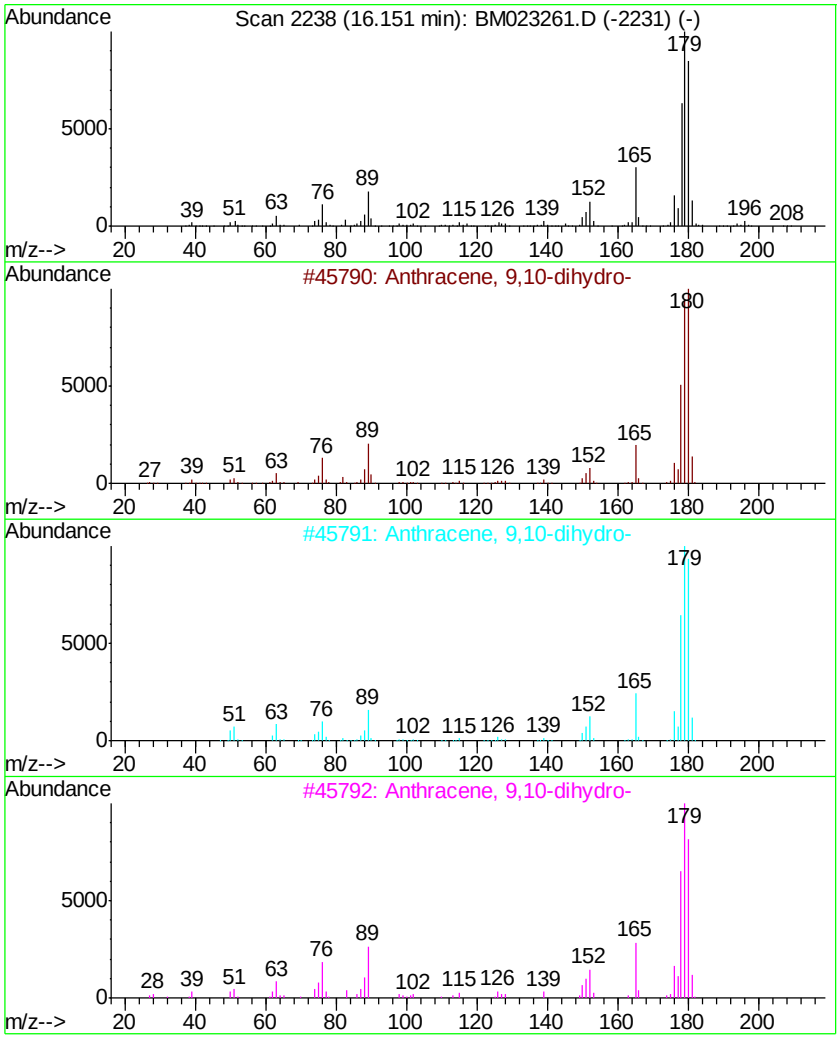
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

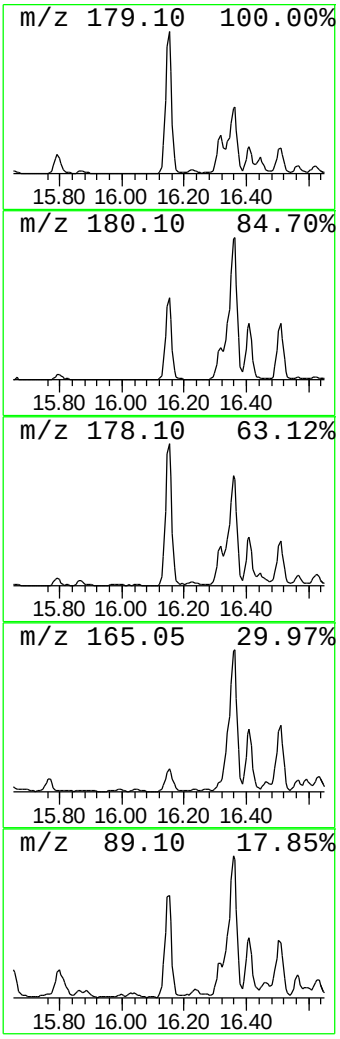
****

Peak Number 23 Anthracene, 9,10-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	9.98 ng/ul	2086650	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93





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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

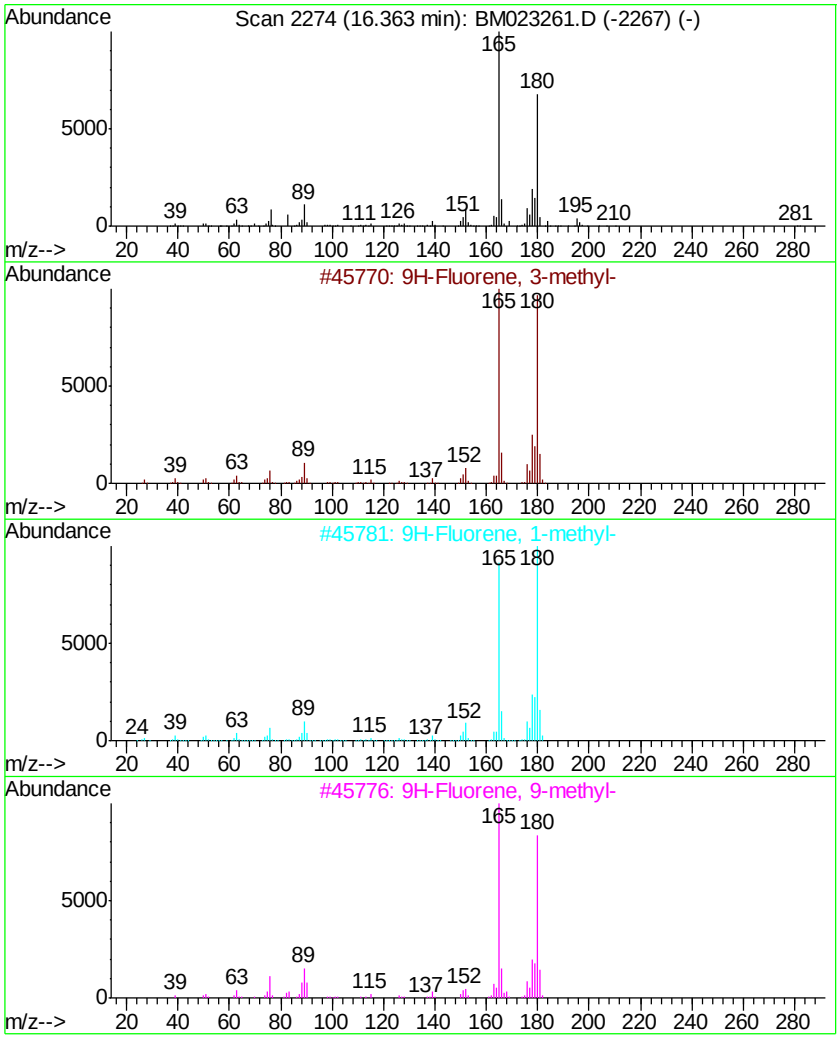
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

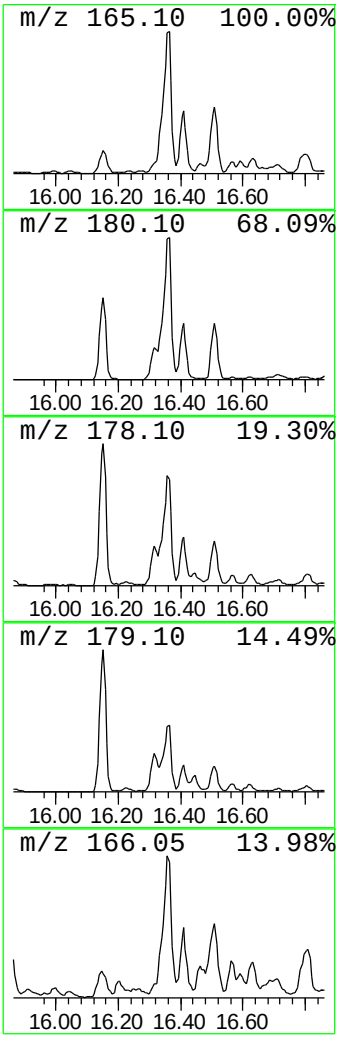
****

Peak Number 24 9H-Fluorene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	17.89 ng/ul	3739290	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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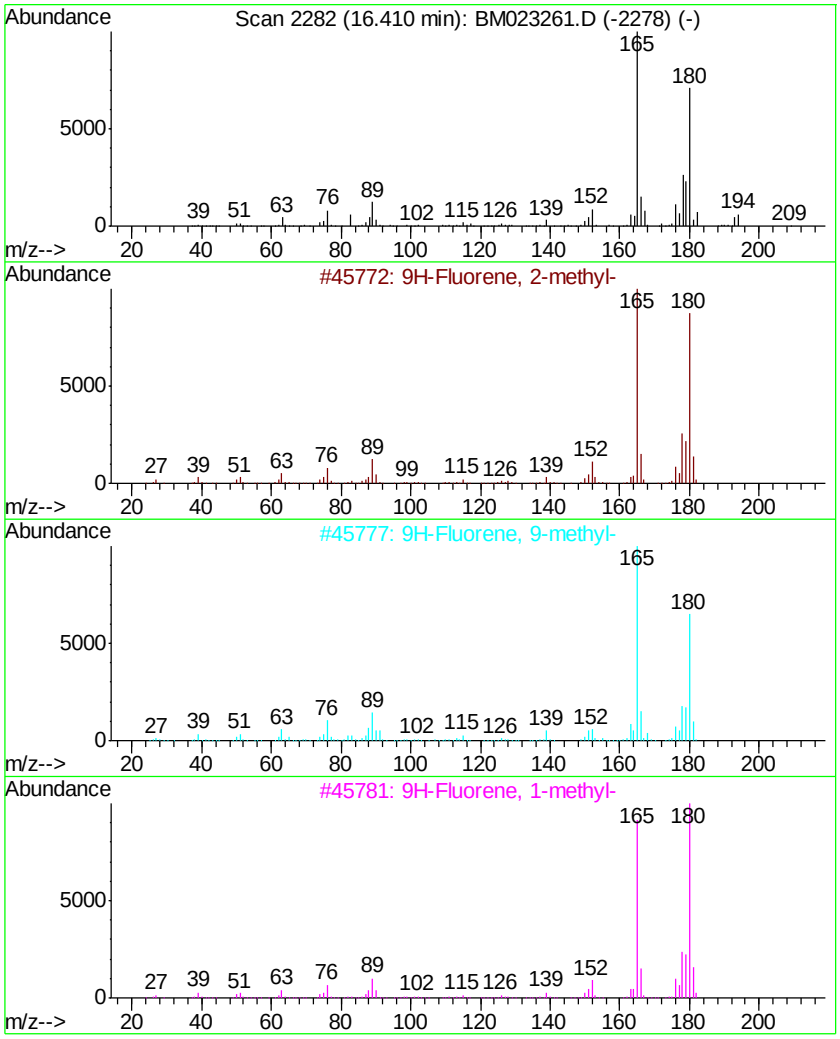
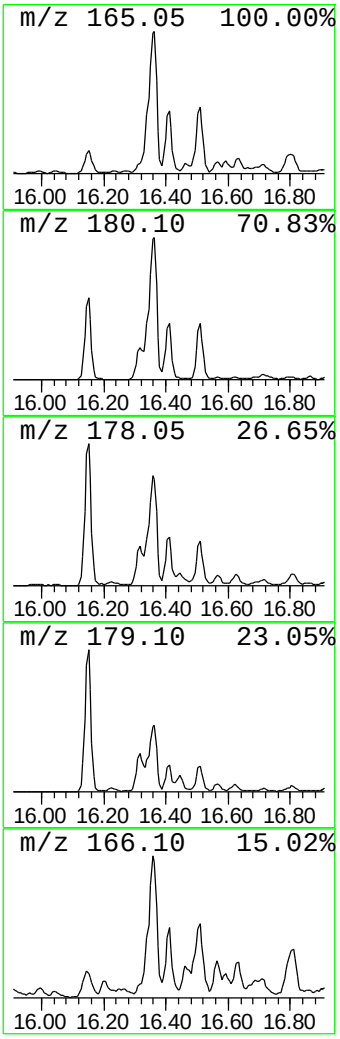
Peak Number 25 9H-Fluorene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	5.13 ng/ul	1071940	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

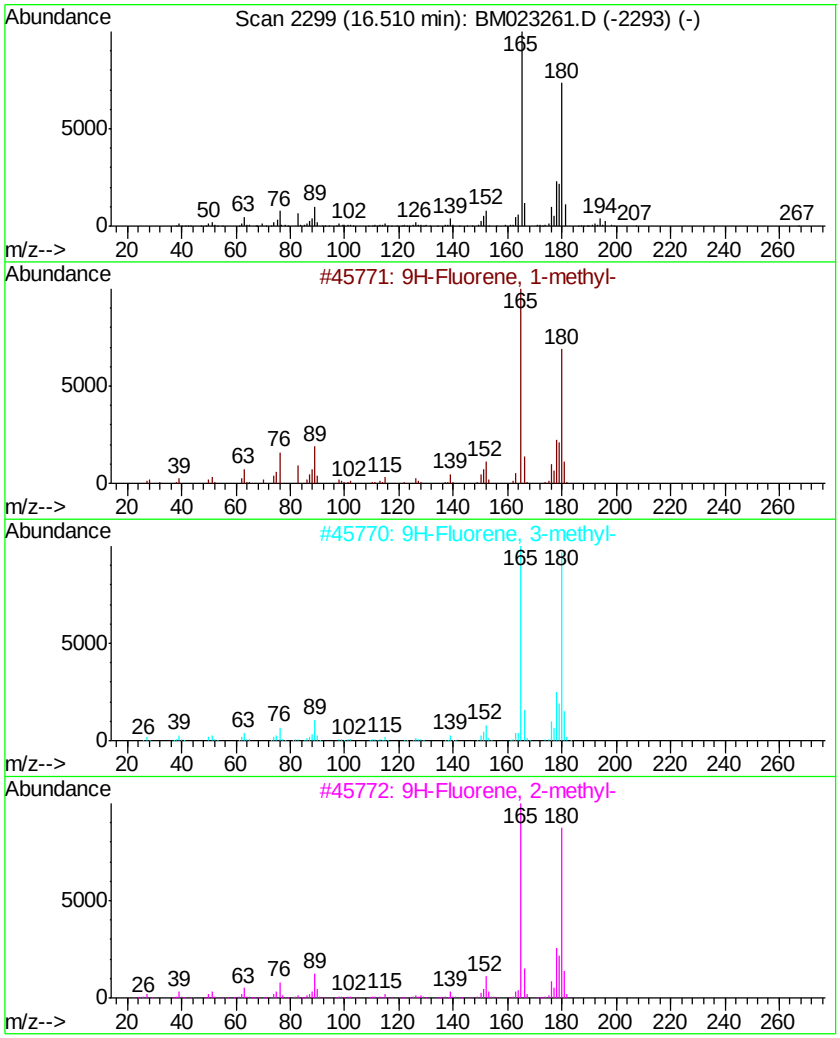
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

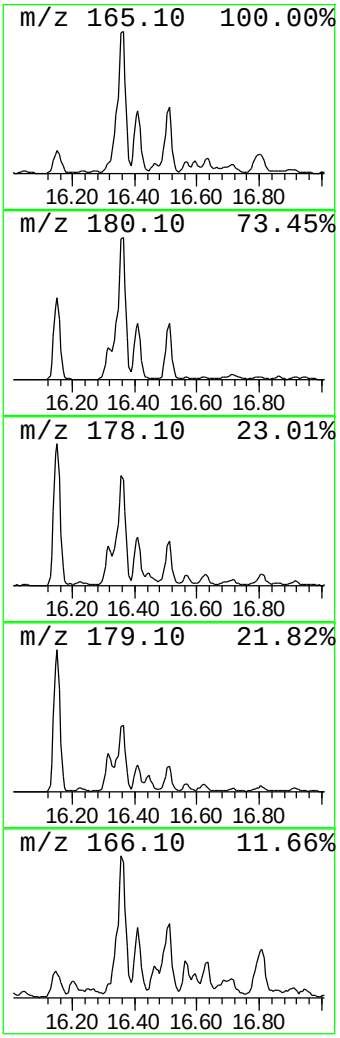
****

Peak Number 26 9H-Fluorene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	7.61 ng/ul	1590480	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, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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

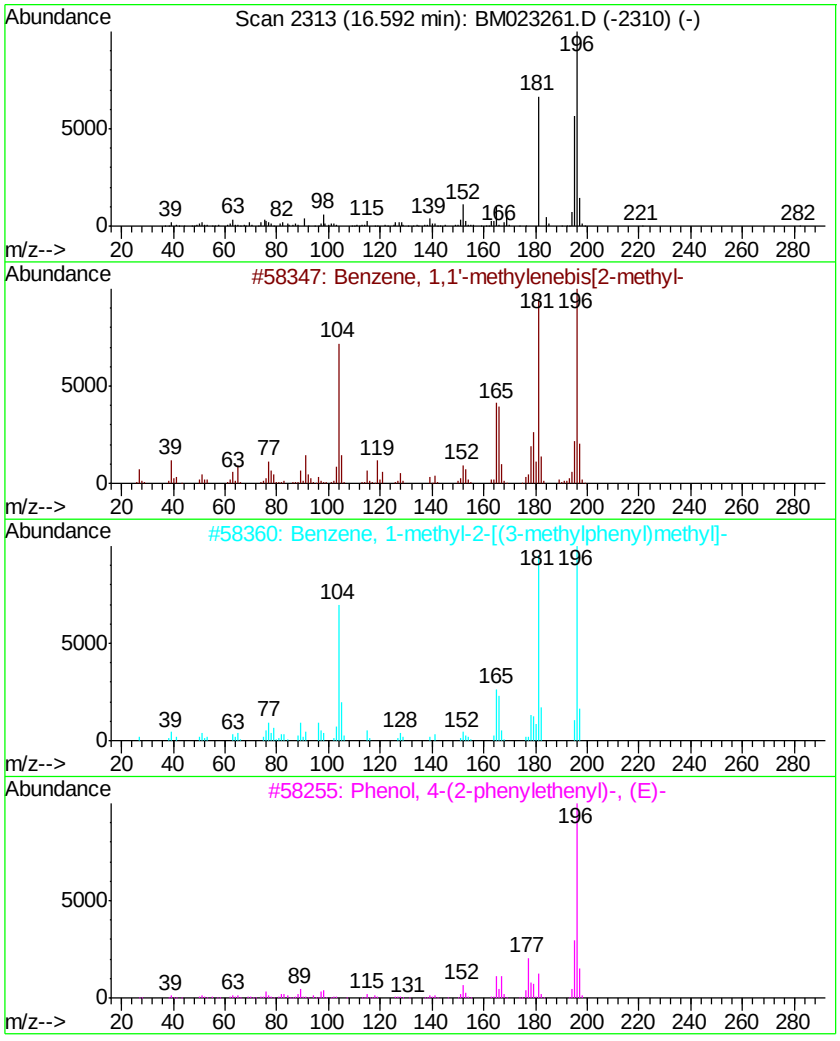
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

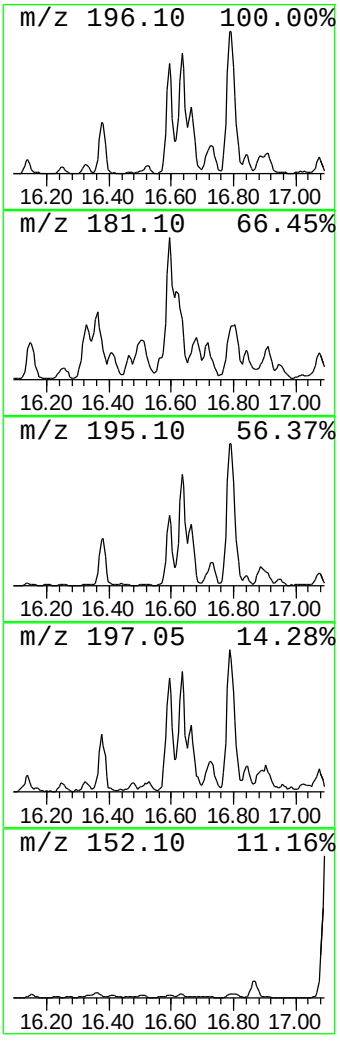
****

Peak Number 27 Benzene, 1,1'-methylenebis[... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	4.75 ng/ul	991949	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	64
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	58
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	58
5	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	52





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Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

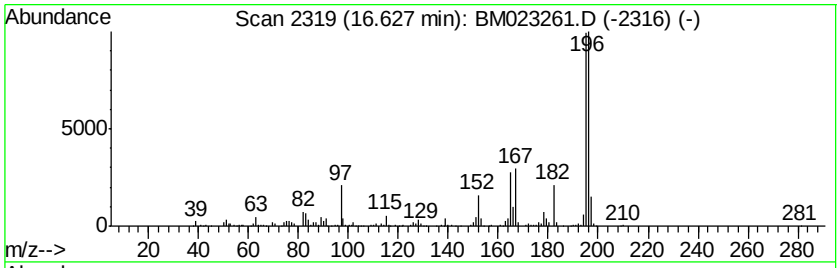
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

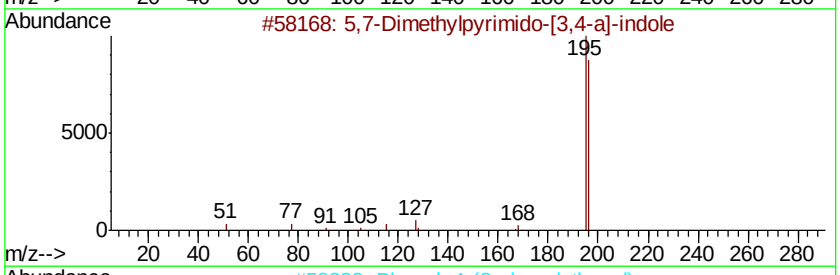
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

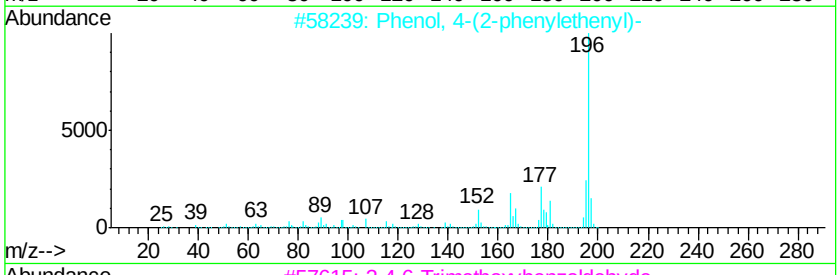
****
Peak Number 28 5,7-Dimethylpyrimido-[3,4-a... Concentration Rank 34

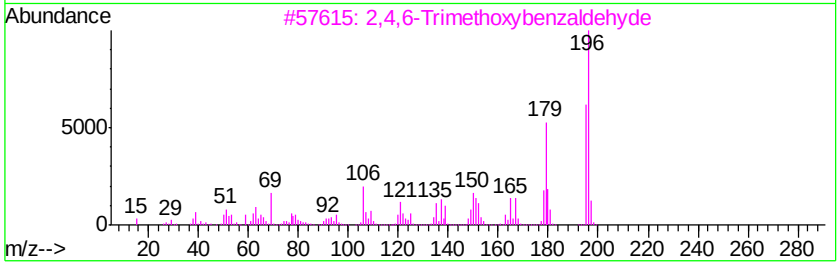
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.63 ng/ul	1177240	Phenanthrene-d10	17.05

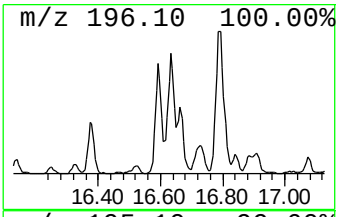
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	50
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	49
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	46

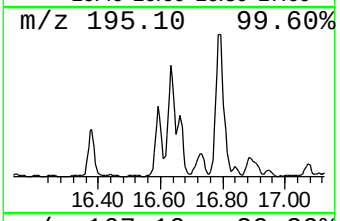


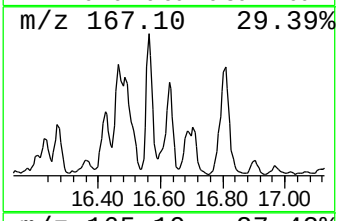


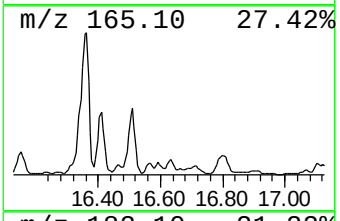


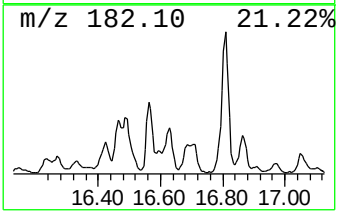












Library Search Compound Report

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Acq On : 18 Oct 2019 17:13
Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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 30 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	28.06 ng/ul	5864690	Phenanthrene-d10	17.05

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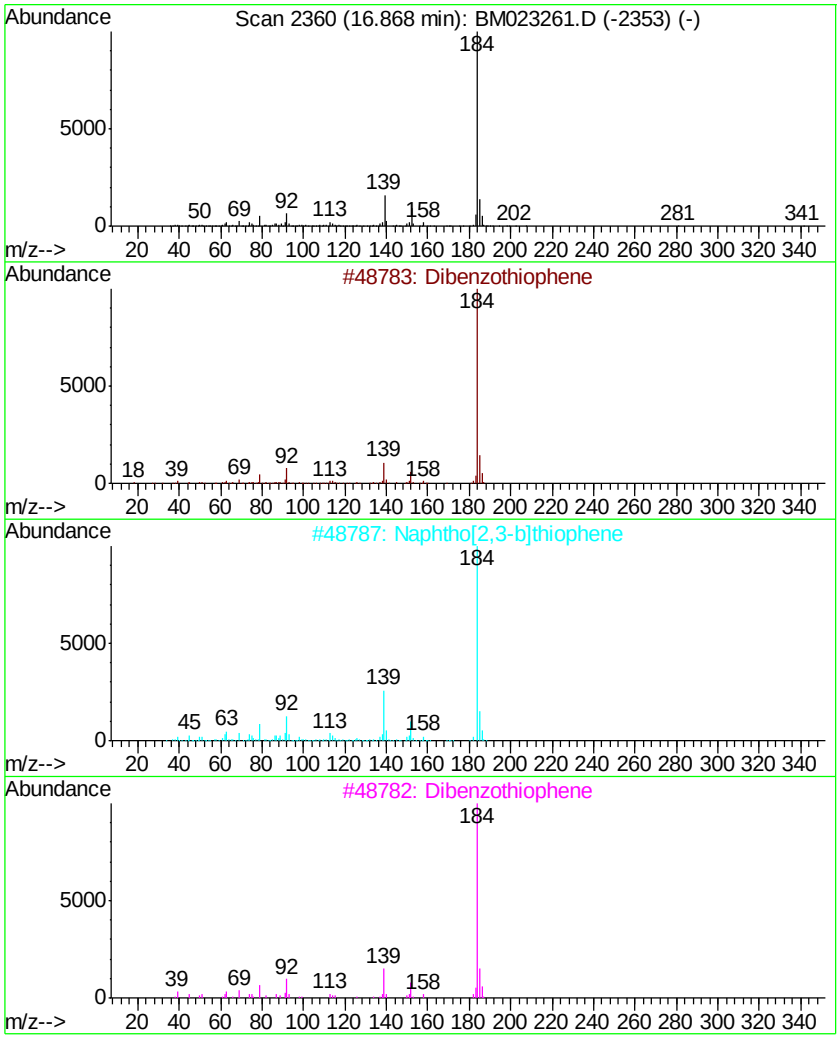

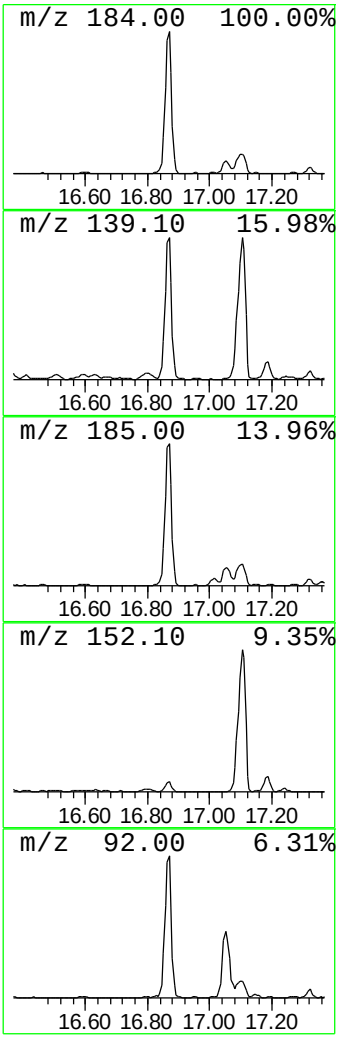

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Misc :
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ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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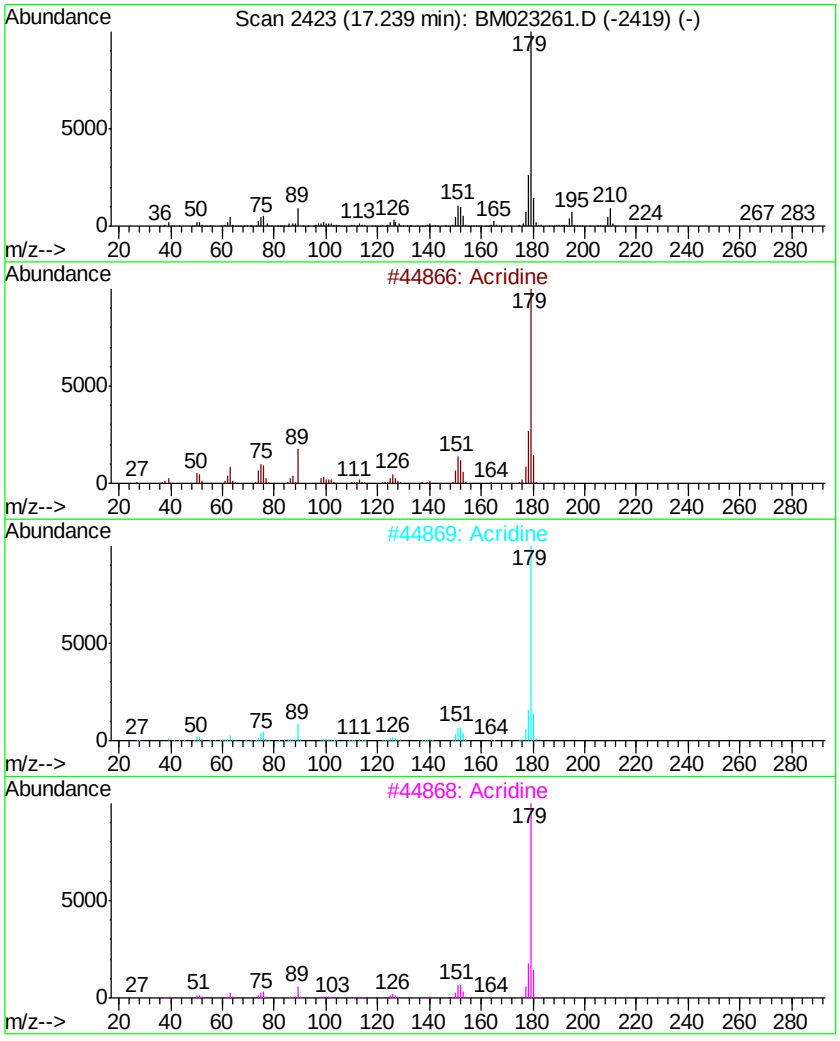
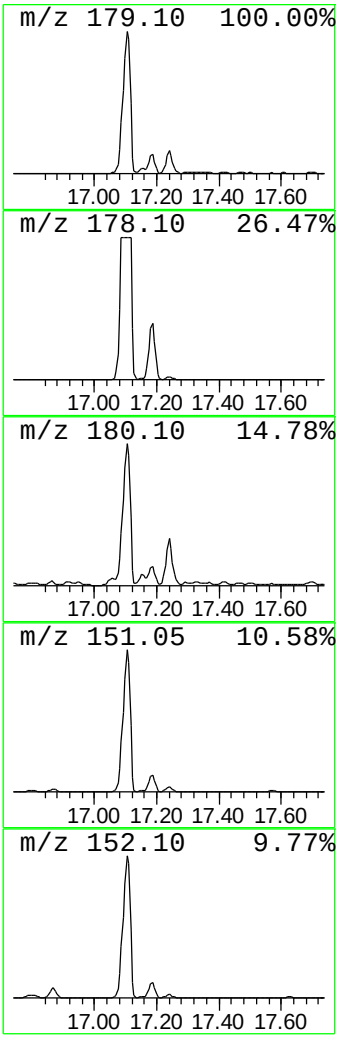
Peak Number 31 Acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	12.53 ng/ul	2619230	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	95
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
5	Phenanthridine	179	C13H9N	000229-87-8	93





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ8

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Quant Title : SVOA CALIBRATION

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

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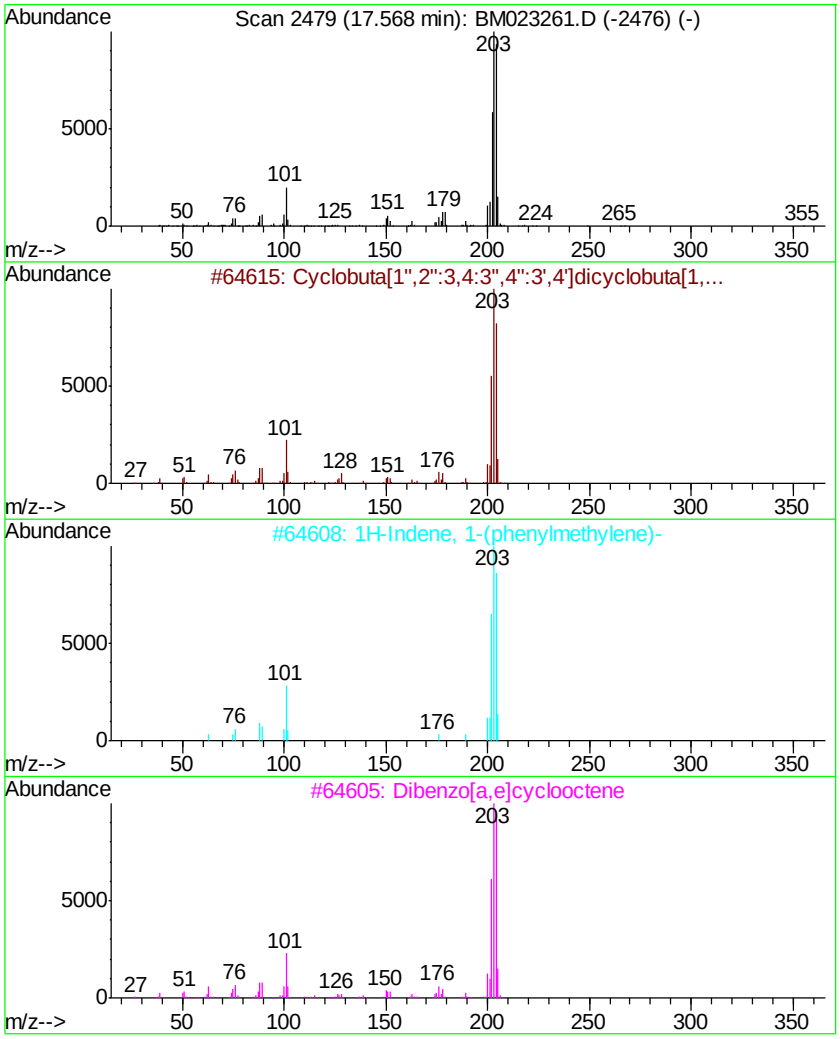
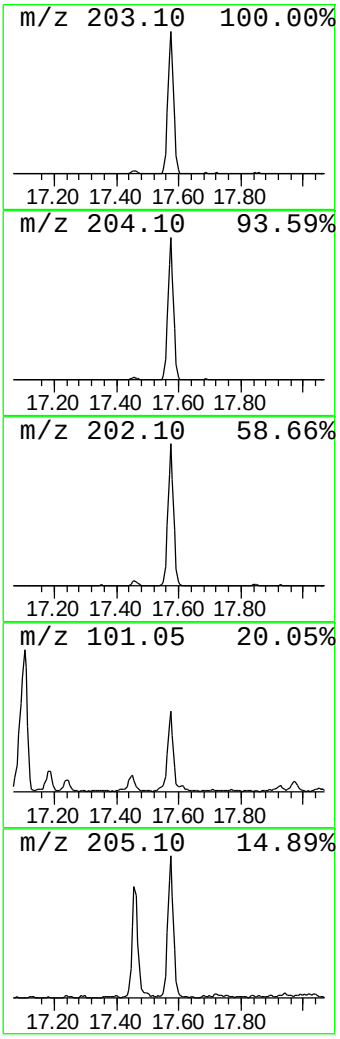
Peak Number 32 Cyclobuta[1'',2'':3,4:3'',4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	7.74 ng/ul	1616770	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	68





Tentatively Identified Compound (LSC) summary

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Data File : BM023261.D
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Operator : JU
Sample : K5345-05 30X
Misc :
ALS Vial : 40 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzo[b]thiophene	10.60	6.6	ng/ul	1049170	2	10.44	3185590	20.0
Naphthalene, 1-me...	12.33	34.2	ng/ul	5450010	2	10.44	3185590	20.0
Naphthalene, 1-et...	13.33	5.9	ng/ul	1639120	3	14.30	5570710	20.0
Naphthalene, 2,6-...	13.46	7.7	ng/ul	2143730	3	14.30	5570710	20.0
Naphthalene, 1,5-...	13.63	14.2	ng/ul	3948380	3	14.30	5570710	20.0
Naphthalene, 2,7-...	13.68	8.5	ng/ul	2374090	3	14.30	5570710	20.0
Naphthalene, 1,4-...	13.86	4.0	ng/ul	1127470	3	14.30	5570710	20.0
2-Naphthalenecarb...	14.43	3.7	ng/ul	1022100	3	14.30	5570710	20.0
Naphthalene, 2-(1...	14.52	3.1	ng/ul	870831	3	14.30	5570710	20.0
Naphthalene, 2,3,...	14.79	3.3	ng/ul	914016	3	14.30	5570710	20.0
Naphthalene, 1,4,...	14.99	3.4	ng/ul	948275	3	14.30	5570710	20.0
Naphthalene, 1,6,...	15.10	3.3	ng/ul	915788	3	14.30	5570710	20.0
1-Isopropenylnaph...	15.45	4.0	ng/ul	1119320	3	14.30	5570710	20.0
Naphthalene, 1-(2...	15.48	6.3	ng/ul	1769470	3	14.30	5570710	20.0
Nordiphenamid	15.52	11.5	ng/ul	3200750	3	14.30	5570710	20.0
Diphenylmethane	15.60	5.7	ng/ul	1589800	3	14.30	5570710	20.0
[1,1'-Biphenyl]-4...	15.65	14.9	ng/ul	4138720	3	14.30	5570710	20.0
Anthracene, 9,10-...	16.15	10.0	ng/ul	2086650	4	17.05	4179660	20.0
9H-Fluorene, 3-me...	16.36	17.9	ng/ul	3739290	4	17.05	4179660	20.0
9H-Fluorene, 2-me...	16.41	5.1	ng/ul	1071940	4	17.05	4179660	20.0
9H-Fluorene, 1-me...	16.51	7.6	ng/ul	1590480	4	17.05	4179660	20.0
Benzene, 1,1'-met...	16.59	4.8	ng/ul	991949	4	17.05	4179660	20.0
5,7-Dimethylpyrim...	16.63	5.6	ng/ul	1177240	4	17.05	4179660	20.0
Dibenzothiophene	16.87	28.1	ng/ul	5864690	4	17.05	4179660	20.0
Acridine	17.24	12.5	ng/ul	2619230	4	17.05	4179660	20.0
Cyclobuta[1'',2''...	17.57	7.7	ng/ul	1616770	4	17.05	4179660	20.0