LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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-BM111119MA.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	5.069	366	371	378	rVB	175950	254209	0.49%	0.111%
2	5.563	450	455	462	rVB	127529	188183	0.36%	0.082%
3	6.722	648	652	657	rVV	186159	256980	0.49%	0.112%
4	6.875	672	678	685	rBV	826477	1336951	2.55%	0.584%
5	7.069	704	711	720	rBV	962038	1522757	2.91%	0.665%
6	7.187	725	731	739	rVB	200281	312741	0.60%	0.137%
7	7.528	783	789	796	rBV	1045388	1664989	3.18%	0.727%
8	7.898	845	852	861	rBV	2561613	3977396	7.60%	1.736%
9	8.063	870	880	889	rVB	831002	1369841	2.62%	0.598%
10	8.251	904	912	923	rBV	740465	1223644	2.34%	0.534%
11	8.681	980	985	998	rVB	1048256	1868619	3.57%	0.816%
12	8.875	1012	1018	1027	rVB	404092	660689	1.26%	0.288%
13	8.992	1027	1038	1045	rVV	421725	982268	1.88%	0.429%
14	9.063	1045	1050	1055	rVV	218190	349666	0.67%	0.153%
15	9.151	1057	1065	1071	rVV	120033	209184	0.40%	0.091%
16	9.398	1100	1107	1115	rBV	898577	1493610	2.85%	0.652%
17	9.569	1130	1136	1141	rBV	138018	218586	0.42%	0.095%
18	9.722	1153	1162	1171	rBV4	434011	1175697	2.25%	0.513%
19	9.810	1171	1177	1181	rVV	358106	660895	1.26%	0.289%
20	9.851	1181	1184	1191	rVV	181706	306611	0.59%	0.134%
21	9.939	1191	1199	1208	rVV	1485520	2482141	4.74%	1.084%
22	10.310	1253	1262	1265	rVV	1363973	2556573	4.89%	1.116%
23	10.369	1265	1272	1280	rVV2	28403909	52333025	100.00%	22.846%
24	10.475	1283	1290	1301	rVV	3886417	6801195	13.00%	2.969%
25	10.728	1328	1333	1339	rVV	169434	300620	0.57%	0.131%
26	11.410	1443	1449	1456	rBV	435928	793248	1.52%	0.346%
27	11.869	1512	1527	1536	rBV	482442	917422	1.75%	0.400%
28	11.980	1538	1546	1554	rVB	1187876	1893764	3.62%	0.827%
29	12.098	1561	1566	1572	rVB	186324	326553	0.62%	0.143%
30	12.204	1572	1584	1595	rVB	4910290	8183821	15.64%	3.573%
31	13.016	1713	1722	1728	rBV	629696	937614	1.79%	0.409%
32	13.210	1749	1755	1758	rBV2	173858	318350	0.61%	0.139%
33	13.239	1758	1760	1768	rVB2	160416	199685	0.38%	0.087%
34	13.363	1768	1781	1788	rBV2	437730	1162002	2.22%	0.507%

LSC Area Percent Report

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Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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-BM111119MA.M
Title : SVOA CALIBRATION

35	13.504	1797	1805	1812	rBV	714109	1311905	2.51%	0.573%
36	13.610	1812	1823	1828	rBV	2787312	4022287	7.69%	1.756%
37	13.657	1828	1831	1836	rVB	140990	182624	0.35%	0.080%
38	13.745	1840	1846	1849	rBV	415116	613343	1.17%	0.268%
39	13.775	1849	1851	1858	rVB	250178	338587	0.65%	0.148%
40	13.874	1862	1868	1873	rBV	3092555	4856015	9.28%	2.120%
41	14.186	1912	1921	1927	rVV2	2276139	3552827	6.79%	1.551%
42	14.257	1927	1933	1940	rVV	9647398	13953335	26.66%	6.091%
43	14.322	1940	1944	1949	rVV	182819	295266	0.56%	0.129%
44	14.416	1952	1960	1969	rVV3	235421	547522	1.05%	0.239%
45	14.504	1969	1975	1980	rVV	234269	372977	0.71%	0.163%
46	14.592	1980	1990	2000	rVV	3066778	4497065	8.59%	1.963%
47	14.674	2000	2004	2009	rVV3	106616	200109	0.38%	0.087%
48	14.816	2020	2028	2033	rVV3	134740	354474	0.68%	0.155%
49	15.145	2076	2084	2086	rVV2	102979	189755	0.36%	0.083%
50	15.186	2086	2091	2096	rVV	4280663	6130552	11.71%	2.676%
51	15.245	2096	2101	2108	rVV	6831713	9455442	18.07%	4.128%
52	15.321	2108	2114	2119	rVV	1293181	1909551	3.65%	0.834%
53	15.369	2119	2122	2125	rVV	240650	359828	0.69%	0.157%
54	15.404	2125	2128	2134	rVV	410835	699918	1.34%	0.306%
55	15.492	2140	2143	2147	rVV	244927	385163	0.74%	0.168%
56	15.539	2147	2151	2163	rVV2	558251	860971	1.65%	0.376%
57	15.645	2164	2169	2172	rVV2	239062	378095	0.72%	0.165%
58	15.686	2172	2176	2185	rVB	655847	1267692	2.42%	0.553%
59	15.927	2211	2217	2230	rVV2	736601	1334057	2.55%	0.582%
60	16.039	2232	2236	2243	rVV	121825	226107	0.43%	0.099%
61	16.163	2251	2257	2261	rVV3	162164	295969	0.57%	0.129%
62	16.216	2261	2266	2269	rVV	276747	519000	0.99%	0.227%
63	16.251	2269	2272	2277	rVV	247017	399692	0.76%	0.174%
64	16.298	2277	2280	2288	rVV2	126181	215638	0.41%	0.094%
65	16.398	2292	2297	2302	rVB	141117	191330	0.37%	0.084%
66	16.757	2354	2358	2366	rVB	688733	997399	1.91%	0.435%
67	16.910	2379	2384	2385	rBV	325972	387781	0.74%	0.169%
68	16.939	2385	2389	2393	rVV	2731964	3884983	7.42%	1.696%
69	16.980	2393	2396	2401	rVB	3045440	3763526	7.19%	1.643%
70	17.039	2401	2406	2411	rBV	4809548	6395302	12.22%	2.792%
71	17.139	2418	2423	2429	rBV3	243029	378289	0.72%	0.165%

LSC Area Percent Report

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Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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-BM111119MA.M
Title : SVOA CALIBRATION

72	17.345	2448	2458	2465	rBV	6282338	9065664	17.32%	3.958%
73	17.457	2470	2477	2483	rVV3	457702	911477	1.74%	0.398%
74	17.510	2483	2486	2490	rVB	186642	241173	0.46%	0.105%
75	17.657	2506	2511	2514	rVV3	185372	318371	0.61%	0.139%
76	17.692	2514	2517	2520	rVV	171939	267069	0.51%	0.117%
77	17.727	2521	2523	2528	rVV3	156165	268570	0.51%	0.117%
78	17.780	2528	2532	2535	rVV	276020	367903	0.70%	0.161%
79	17.862	2541	2546	2555	rVB	1413208	2038713	3.90%	0.890%
80	17.939	2555	2559	2565	rVB3	153563	218201	0.42%	0.095%
81	18.010	2565	2571	2575	rBV	632445	933990	1.78%	0.408%
82	18.121	2583	2590	2594	rBV2	327401	713026	1.36%	0.311%
83	18.162	2594	2597	2602	rVV	363748	539608	1.03%	0.236%
84	18.262	2609	2614	2620	rVV2	513459	906133	1.73%	0.396%
85	18.321	2620	2624	2629	rVB2	210675	275254	0.53%	0.120%
86	18.727	2689	2693	2702	rVB7	169853	391048	0.75%	0.171%
87	19.004	2736	2740	2748	rVB	1235714	1675902	3.20%	0.732%
88	19.339	2789	2797	2810	rBV2	5604848	9159939	17.50%	3.999%
89	19.686	2852	2856	2862	rBV	229272	364811	0.70%	0.159%
90	19.756	2863	2868	2875	rVV2	1577256	2836406	5.42%	1.238%
91	19.821	2875	2879	2885	rVB	754241	1041546	1.99%	0.455%
92	20.345	2965	2968	2972	rBV	169206	247748	0.47%	0.108%
93	20.433	2978	2983	2987	rBV3	615225	1042420	1.99%	0.455%
94	20.480	2988	2991	2997	rVB	454494	645956	1.23%	0.282%
95	20.880	3055	3059	3064	rBV	717500	872366	1.67%	0.381%
96	21.139	3098	3103	3115	rVB	3674367	4767383	9.11%	2.081%
97	21.321	3132	3134	3138	rVB	241229	215901	0.41%	0.094%
98	21.609	3179	3183	3189	rBV	646598	858292	1.64%	0.375%
99	23.162	3441	3447	3454	rBV	4741958	8161220	15.59%	3.563%
100	23.297	3464	3470	3478	rVB	2621682	4762962	9.10%	2.079%

Sum of corrected areas: 229072957

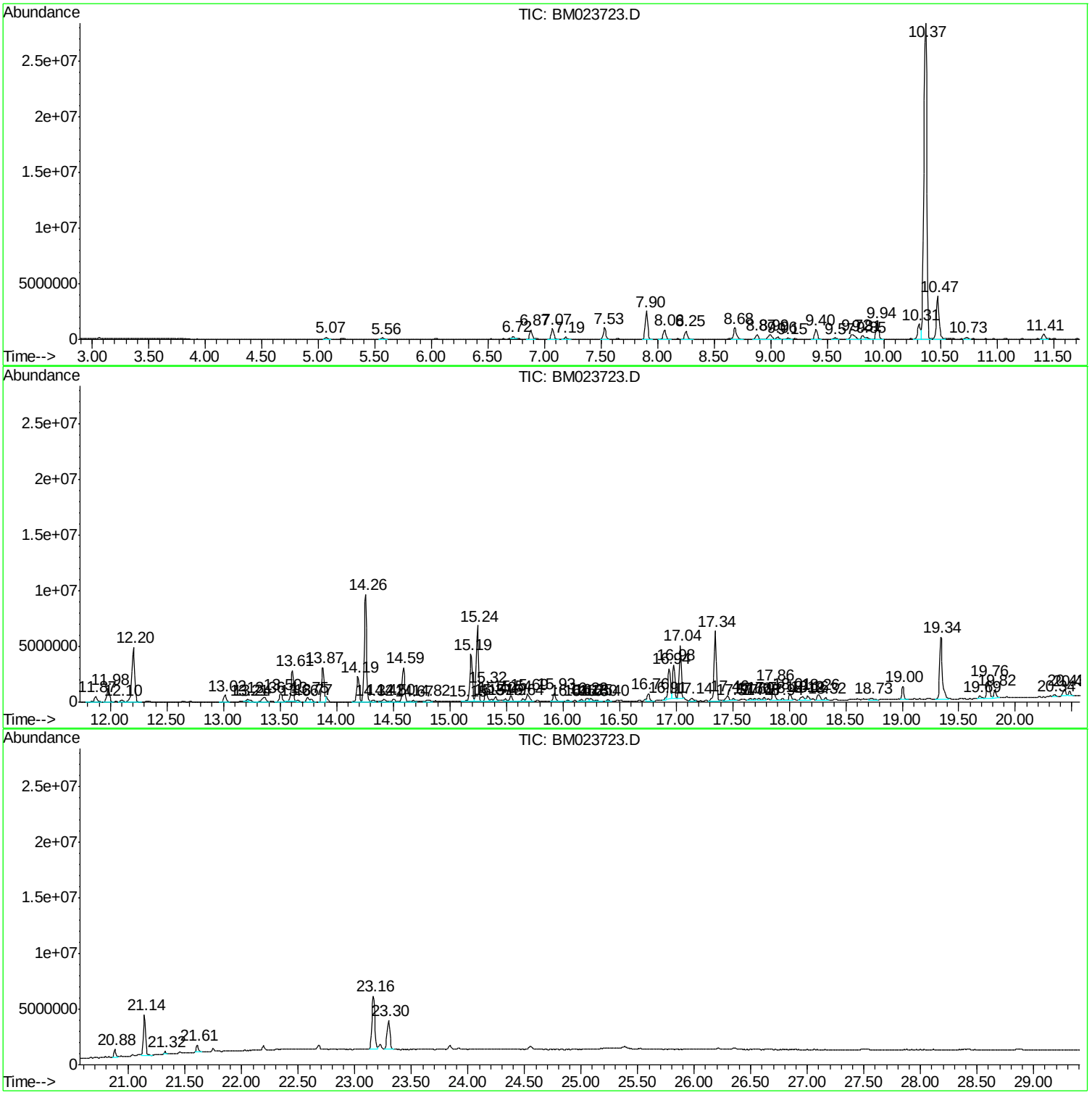
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

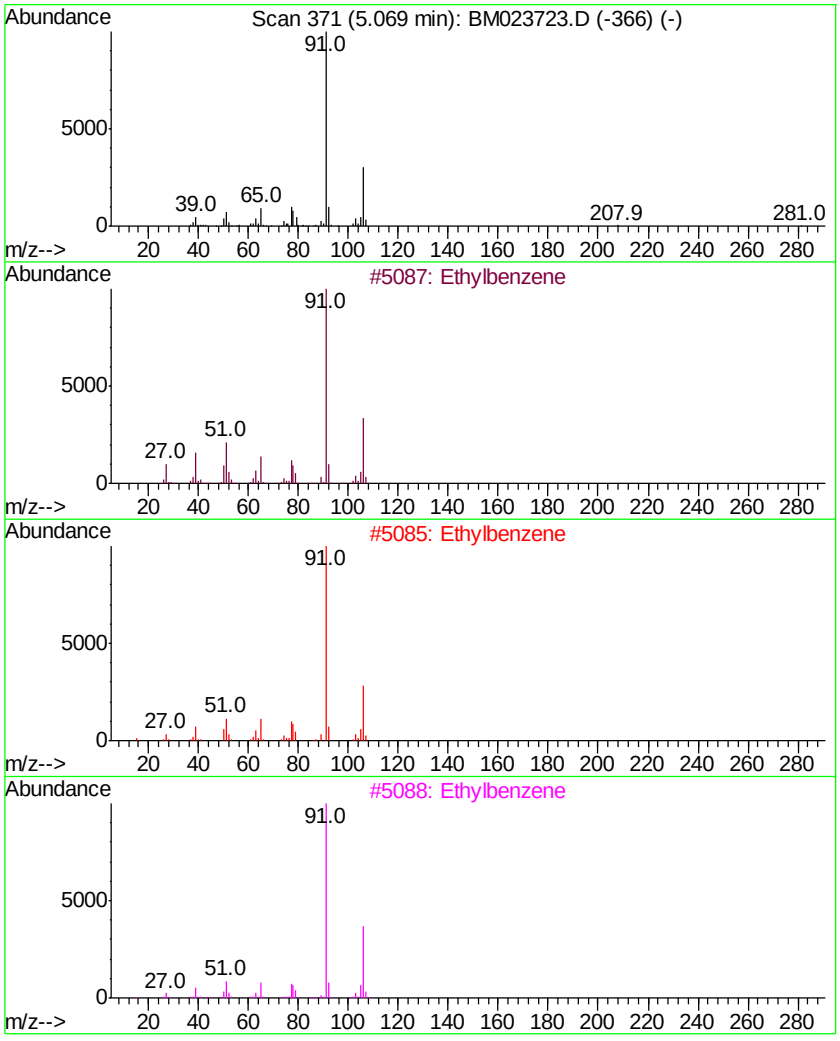
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

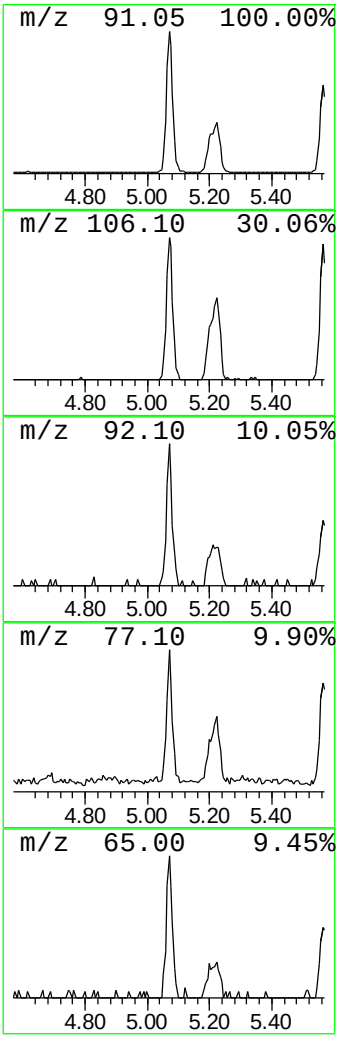
****

Peak Number 1 Ethylbenzene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.05 ng/ul	254209	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	o-Xylene	106	C8H10	000095-47-6	90
5	Ethylbenzene	106	C8H10	000100-41-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

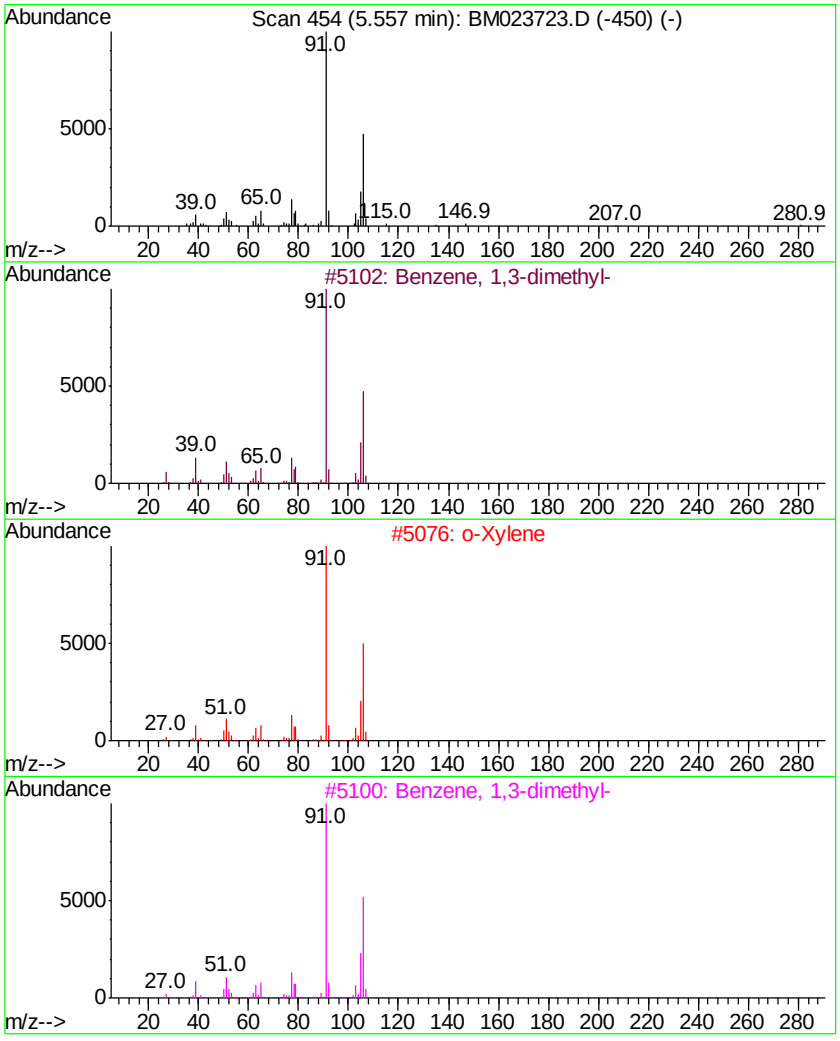
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

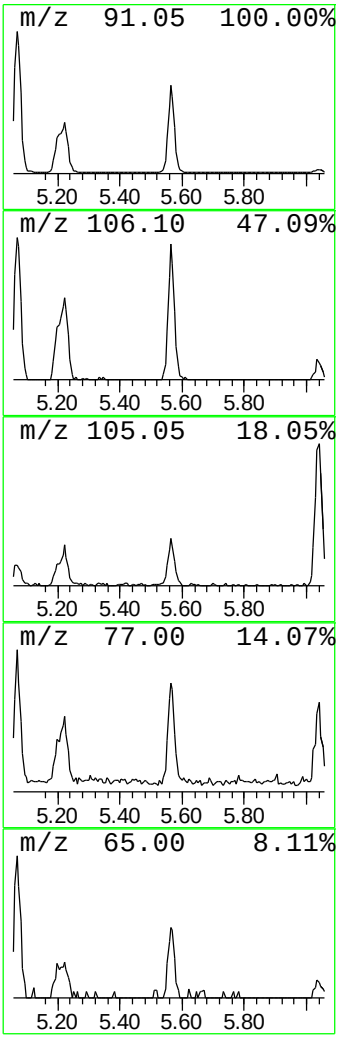
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	2.26 ng/ul	188183	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
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Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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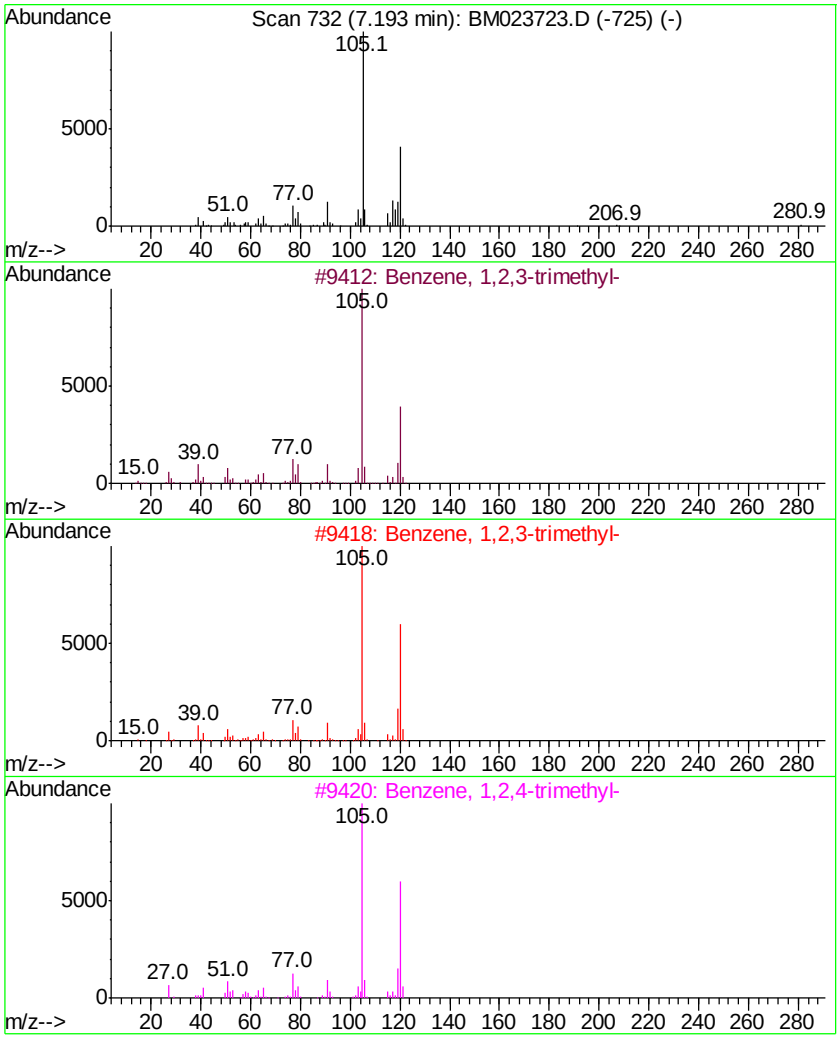
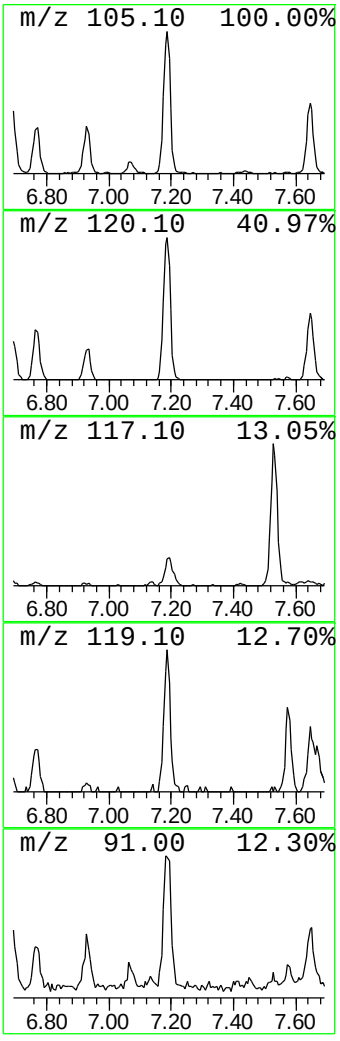
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	3.76 ng/ul	312741	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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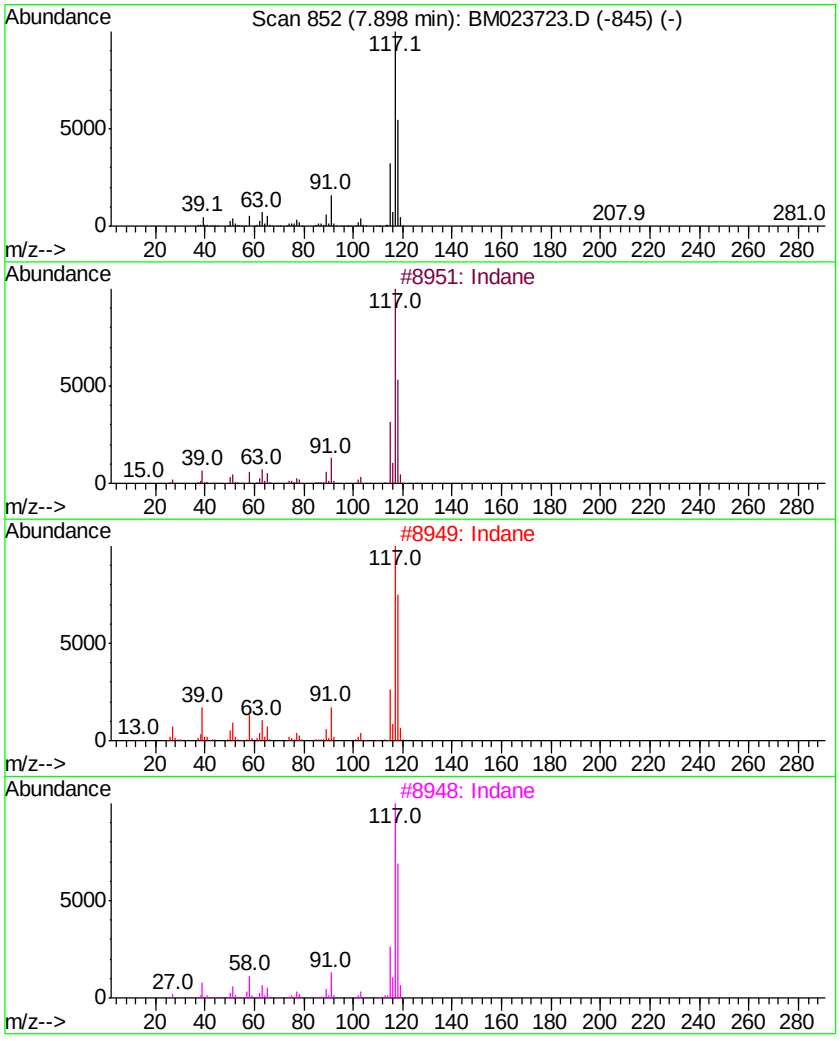
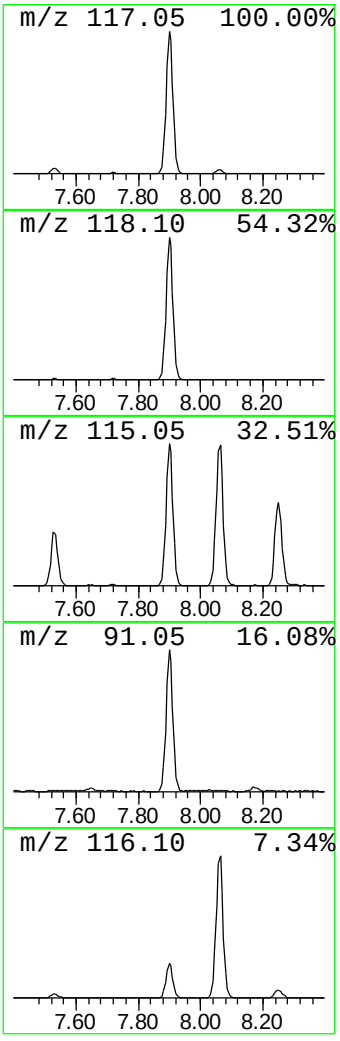
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	47.78 ng/ul	3977400	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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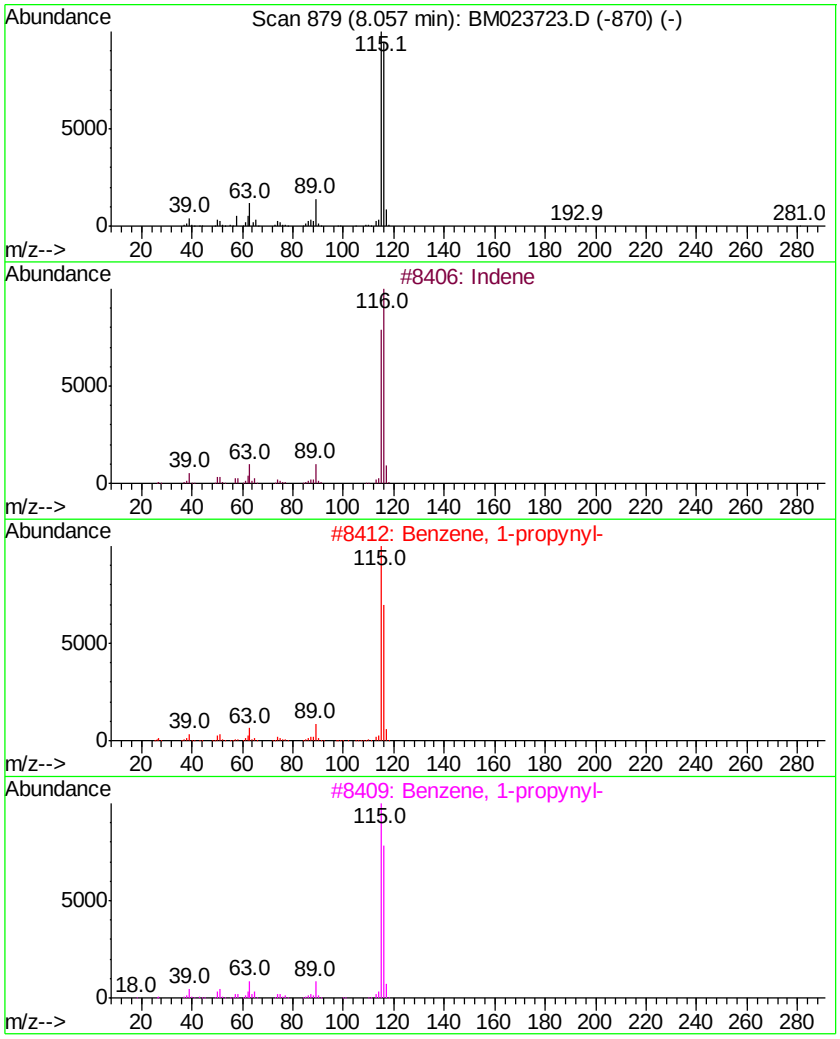
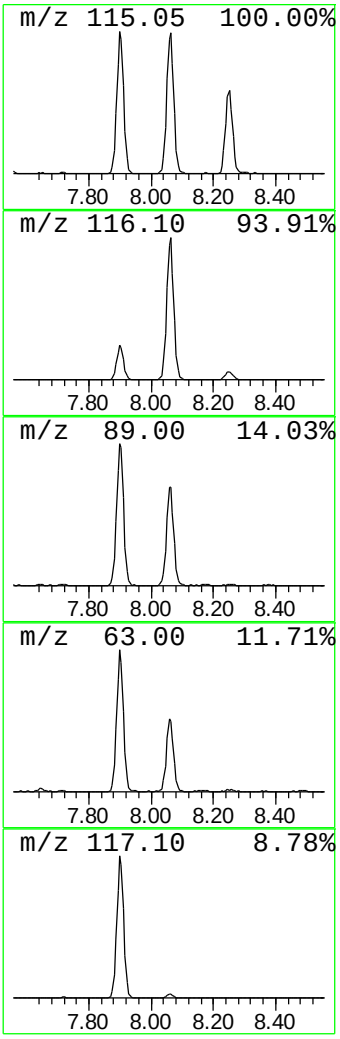
Peak Number 5 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	16.45 ng/ul	1369840	1,4-Dichlorobenzene-d4	7.53

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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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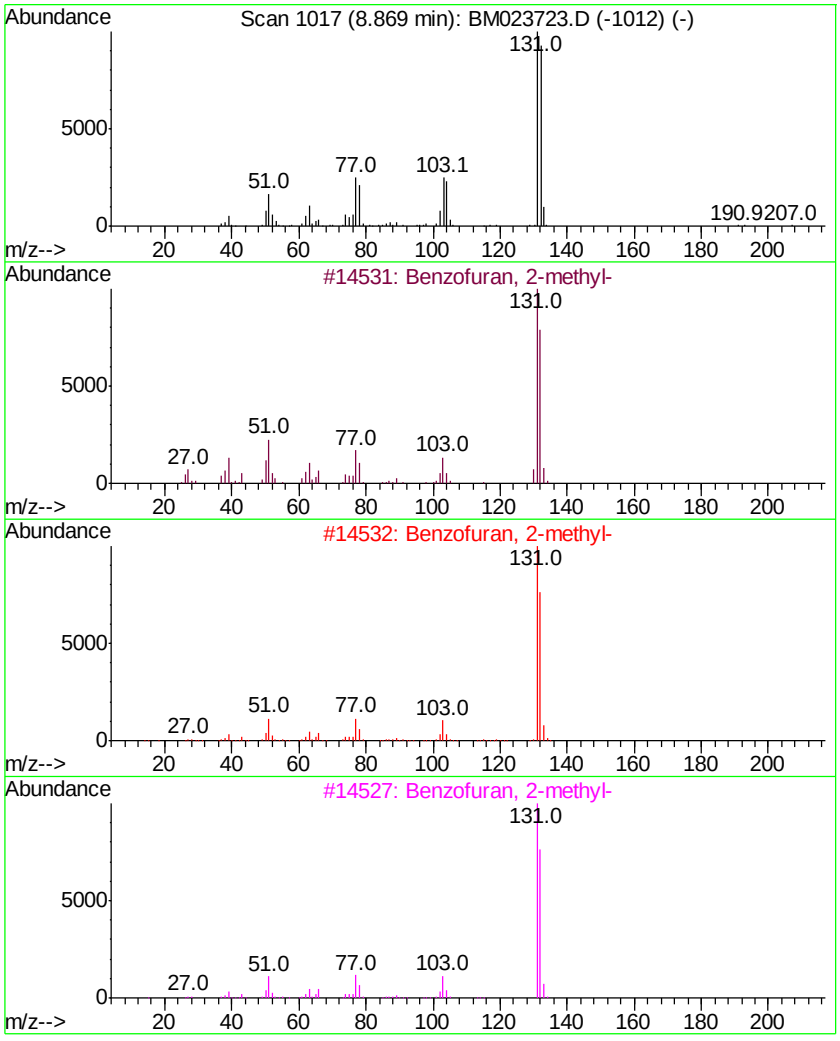
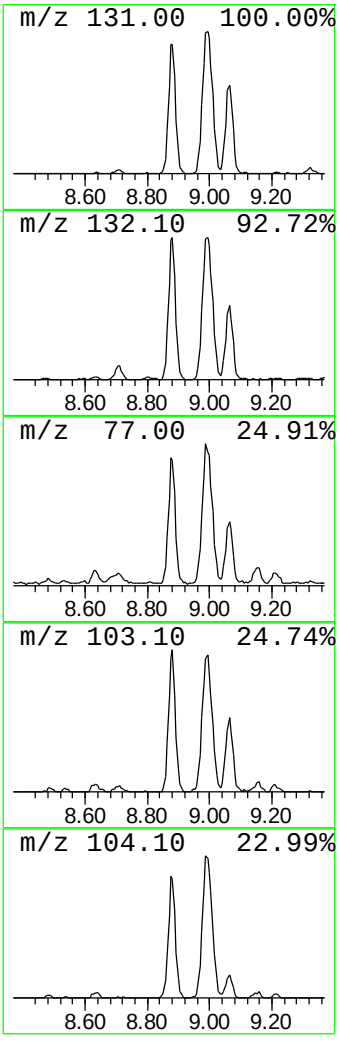
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	7.94 ng/ul	660689	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Library Search Compound Report

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ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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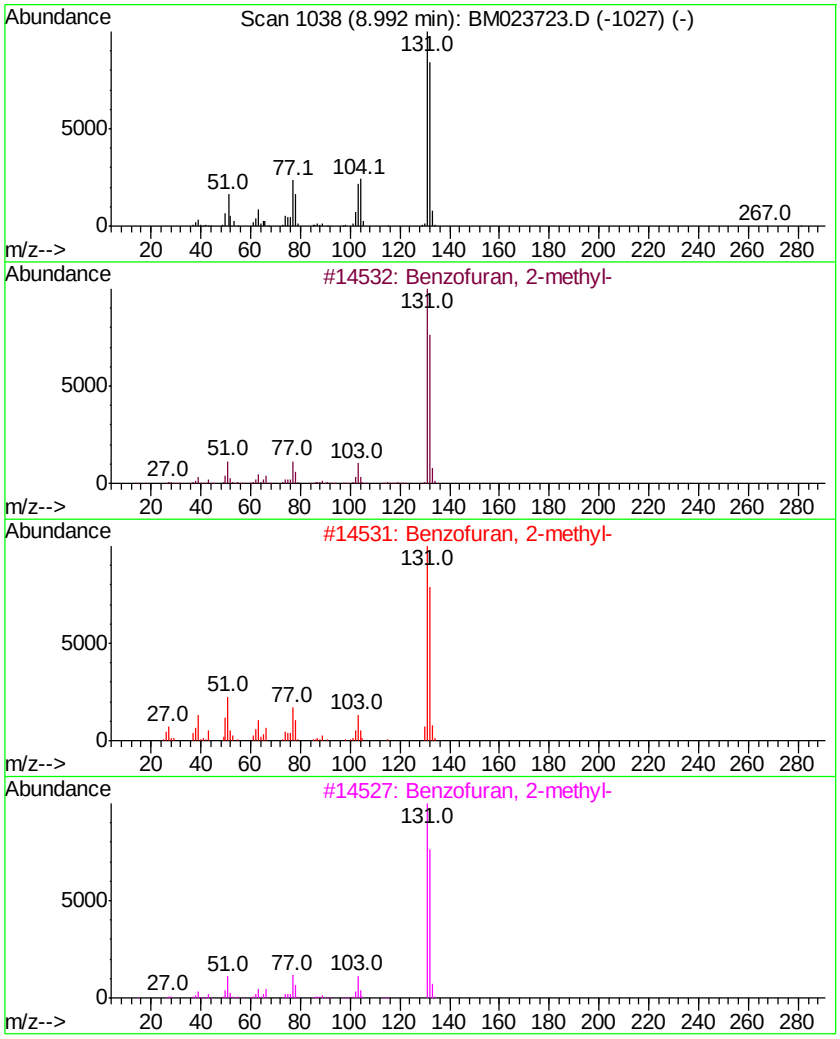
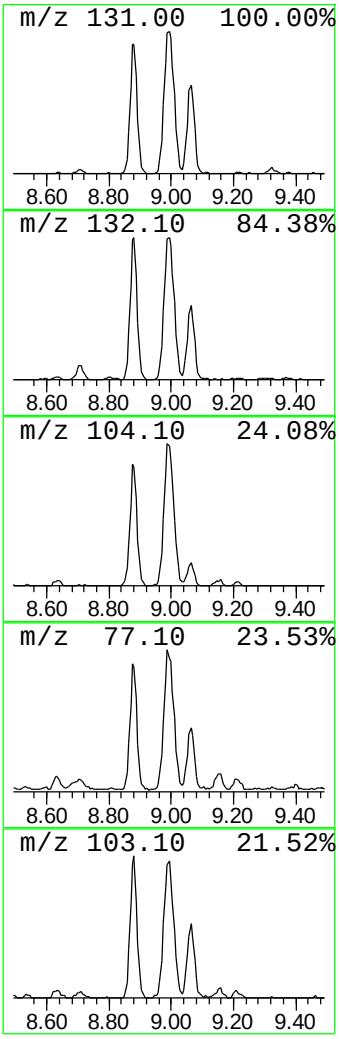
Peak Number 7 Cinnamaldehyde, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	7.68 ng/ul	982268	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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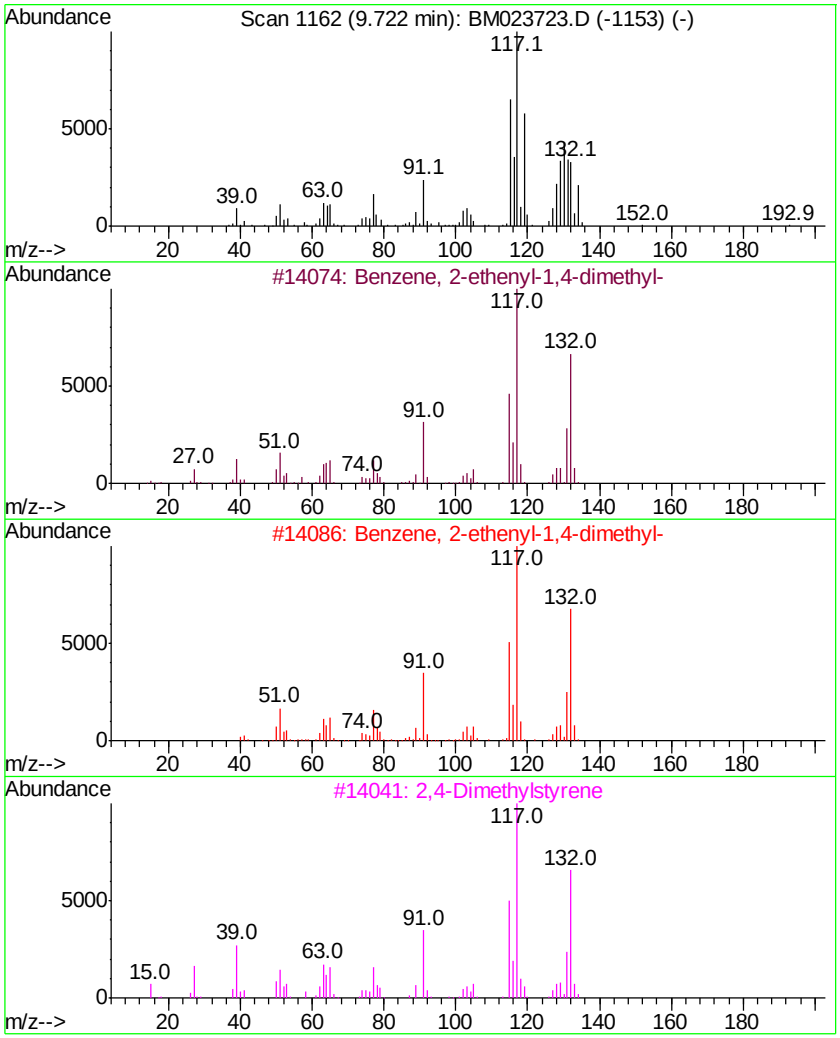
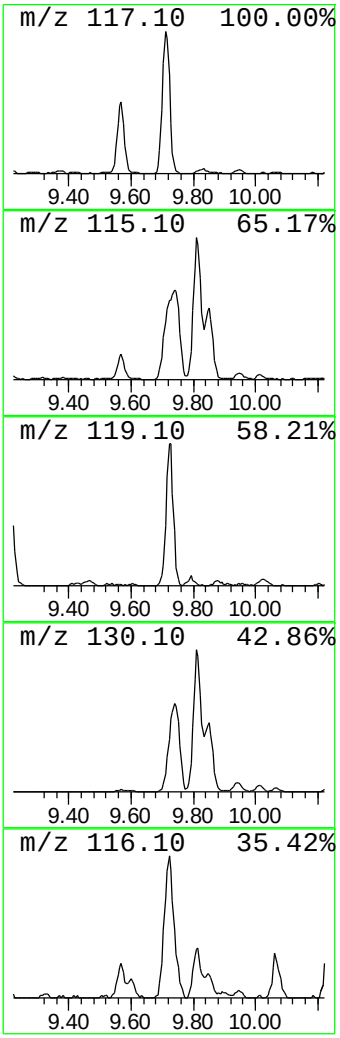
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	9.20 ng/ul	1175700	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	45
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	42





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Sample : K5700-01
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ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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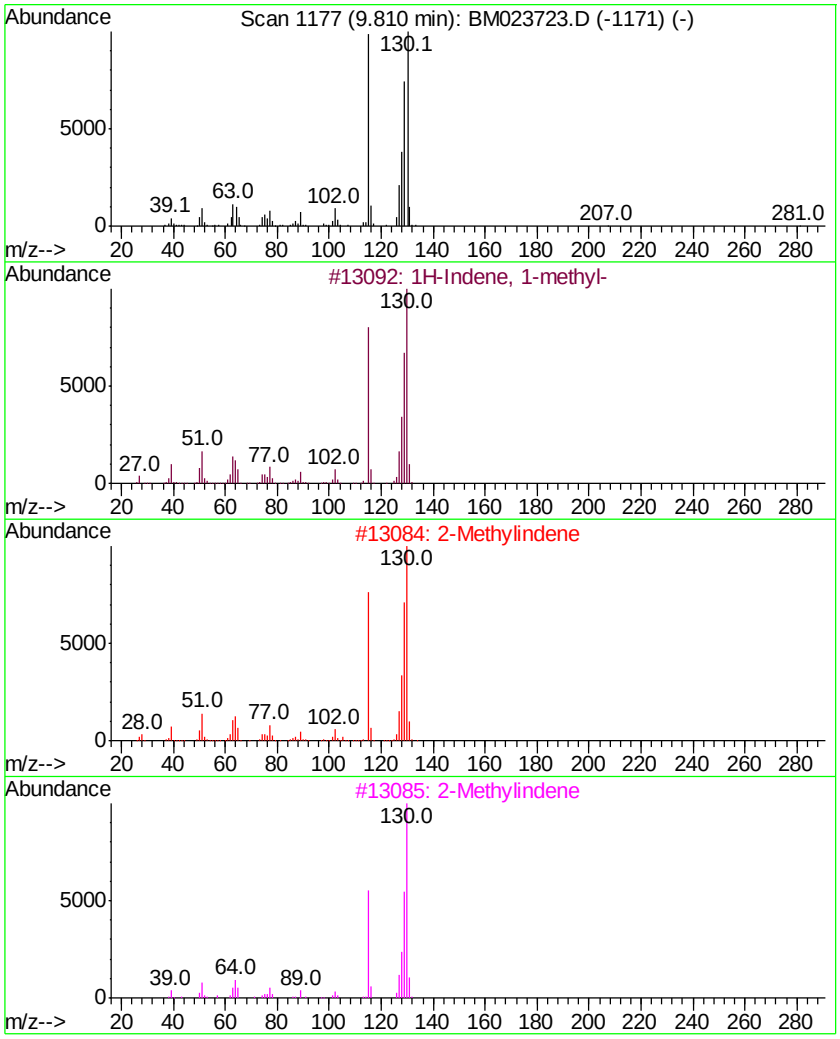
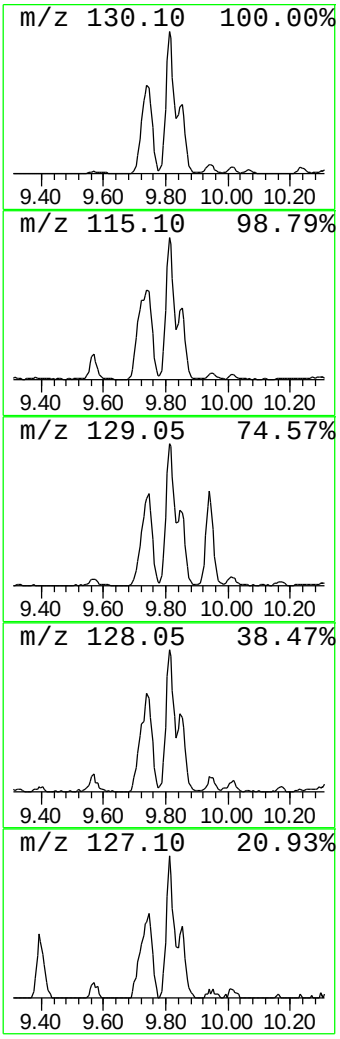
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.17 ng/ul	660895	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94





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Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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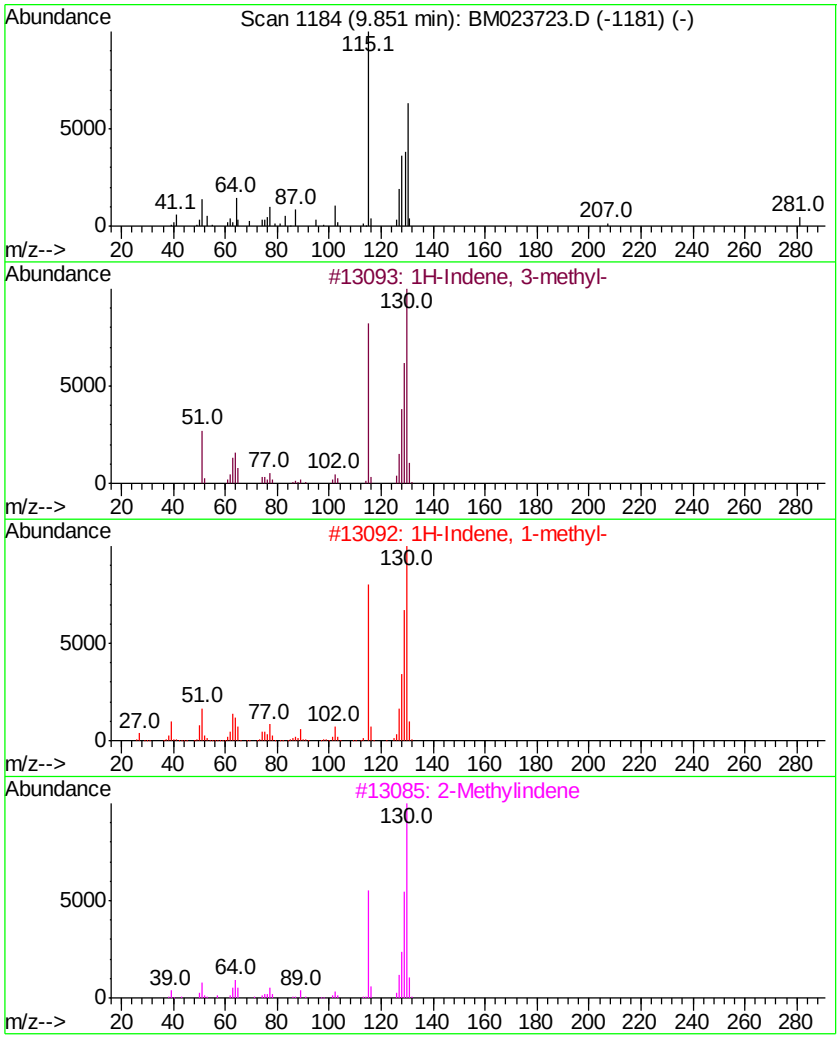
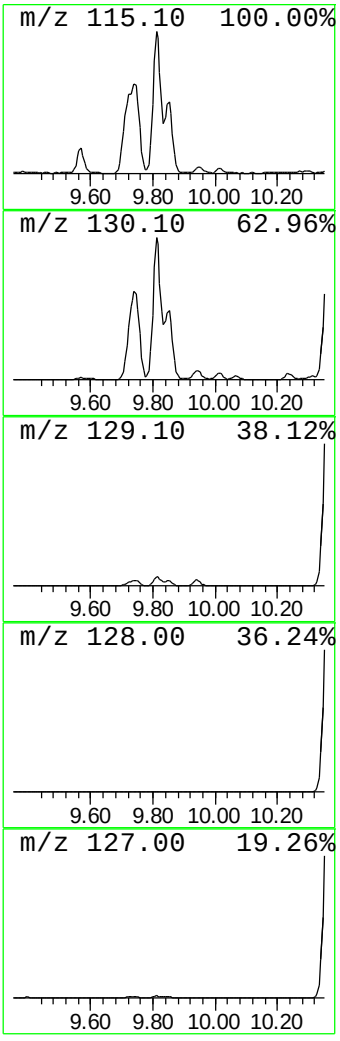
Peak Number 11 1H-Indene, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.40 ng/ul	306611	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	72
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	72
3	2-Methylindene	130	C10H10	002177-47-1	72
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	72
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64





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Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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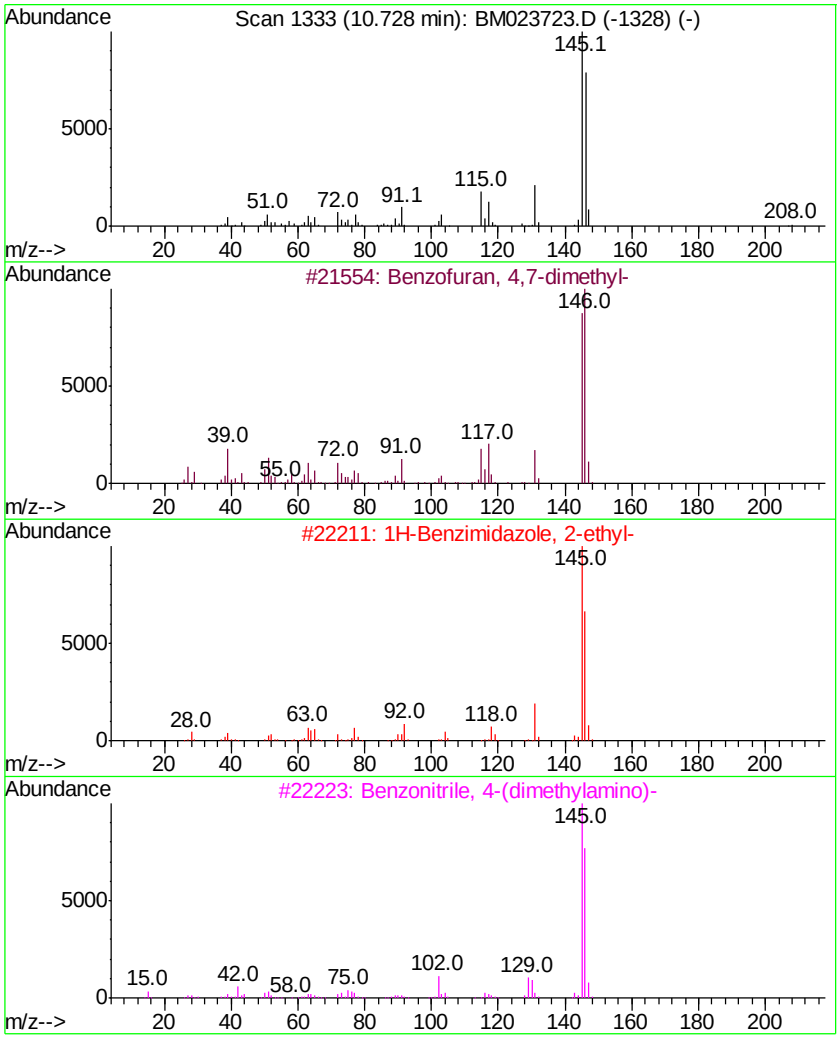
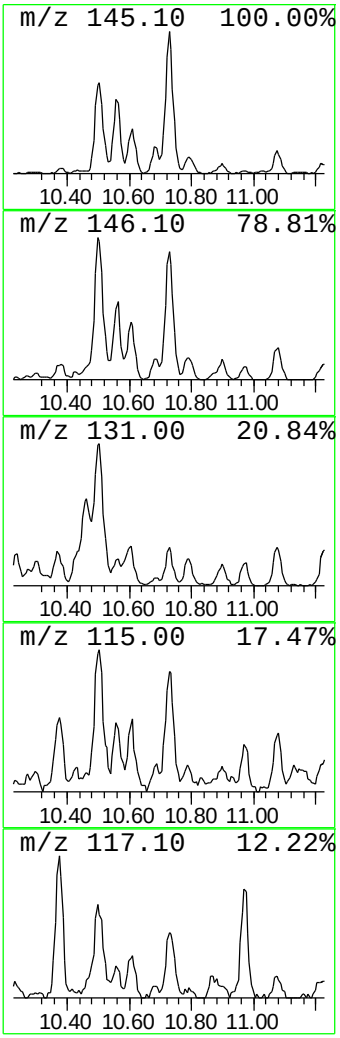
Peak Number 12 Benzofuran, 4,7-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.35 ng/ul	300620	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	78
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	53





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Sample : K5700-01
Misc :
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Instrument : BNA_M
ClientSampleId : BEGX1

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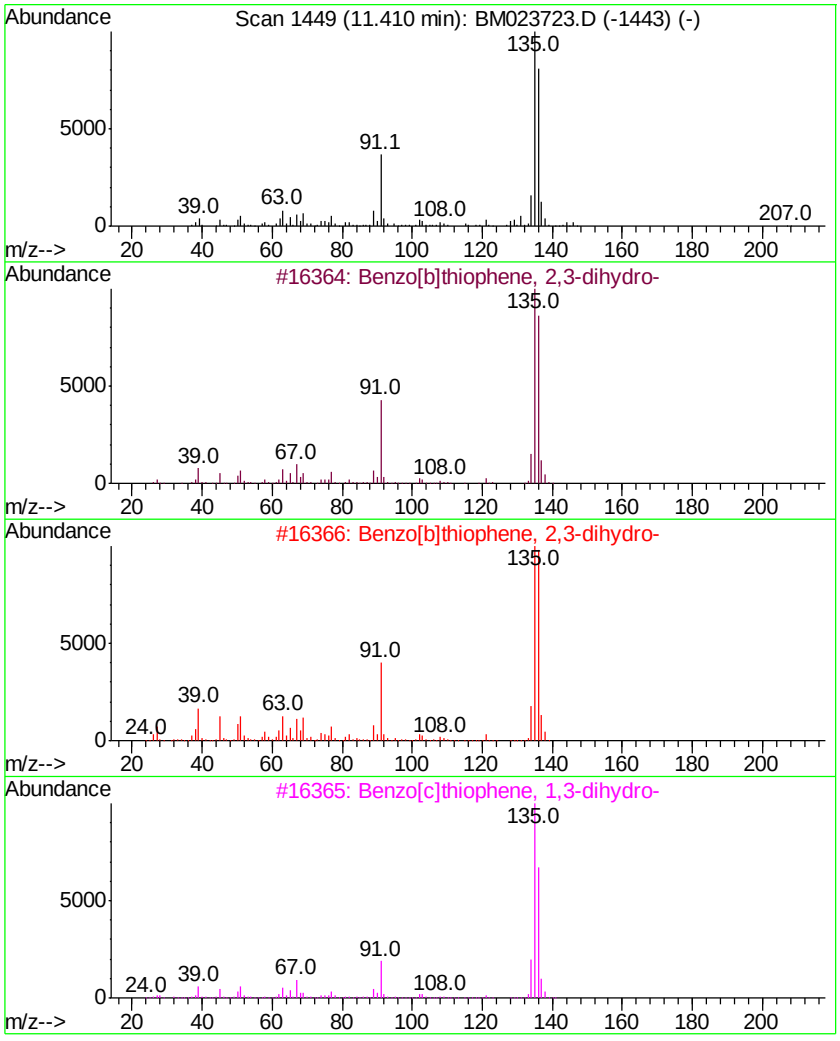
Quant Title : SVOA CALIBRATION

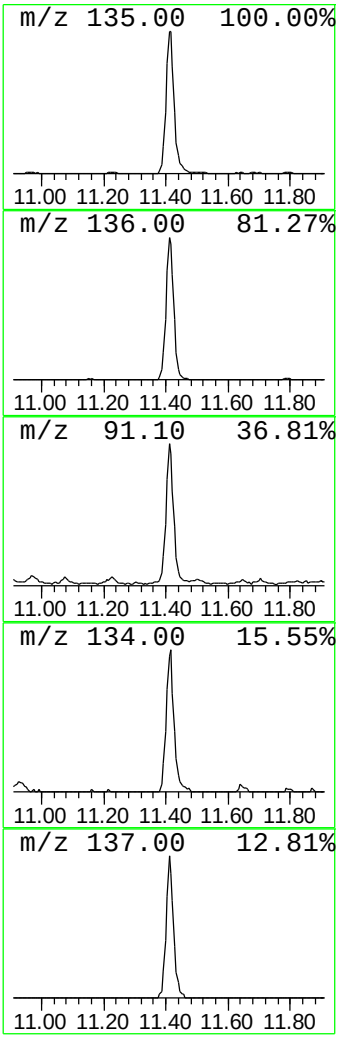
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.21 ng/ul	793248	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	80
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	64





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Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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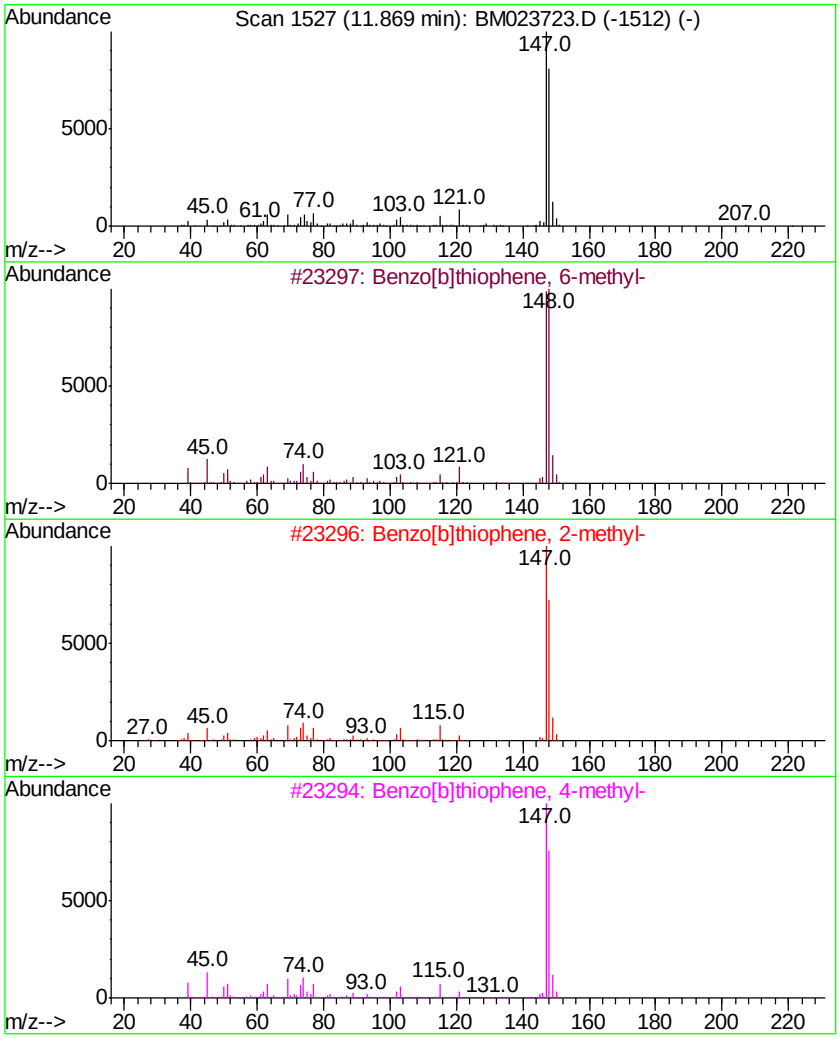
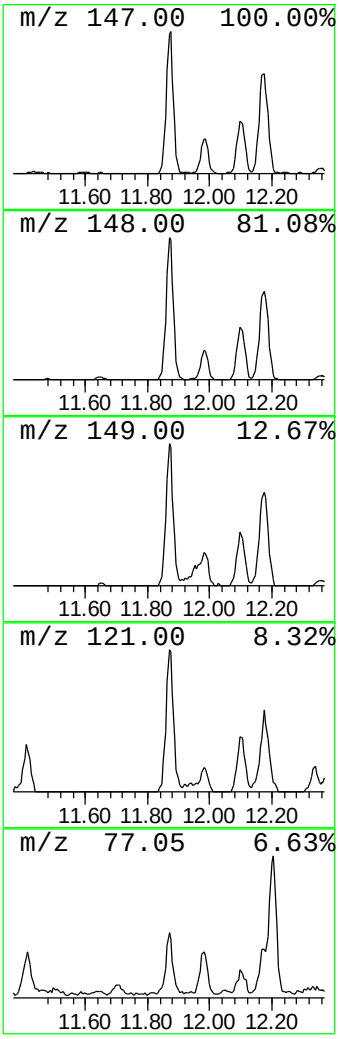
Peak Number 14 Benzo[b]thiophene, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.18 ng/ul	917422	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





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Quant Title : SVOA CALIBRATION

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

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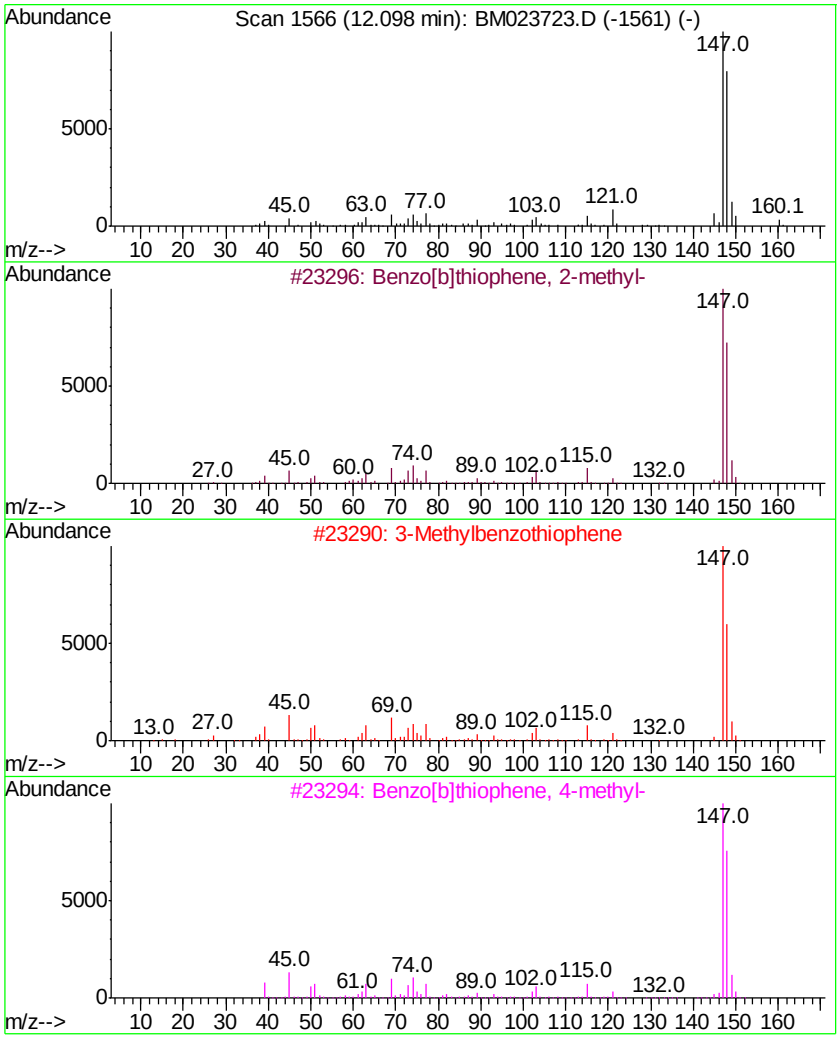
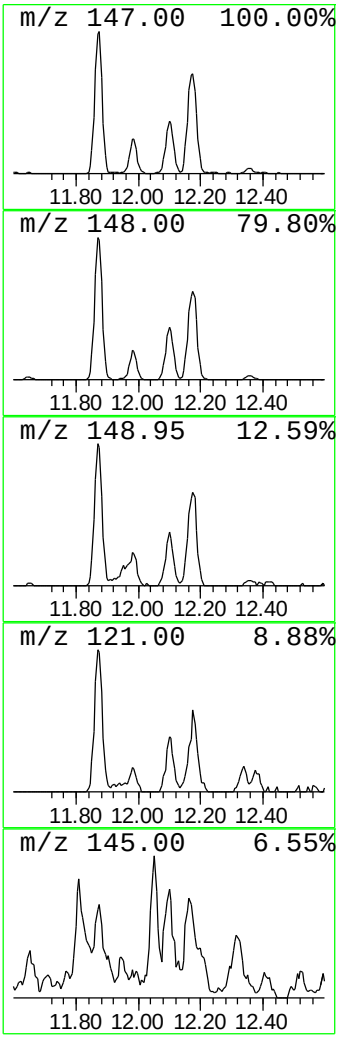
Peak Number 15 Benzo[b]thiophene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.55 ng/ul	326553	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





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Quant Title : SVOA CALIBRATION

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

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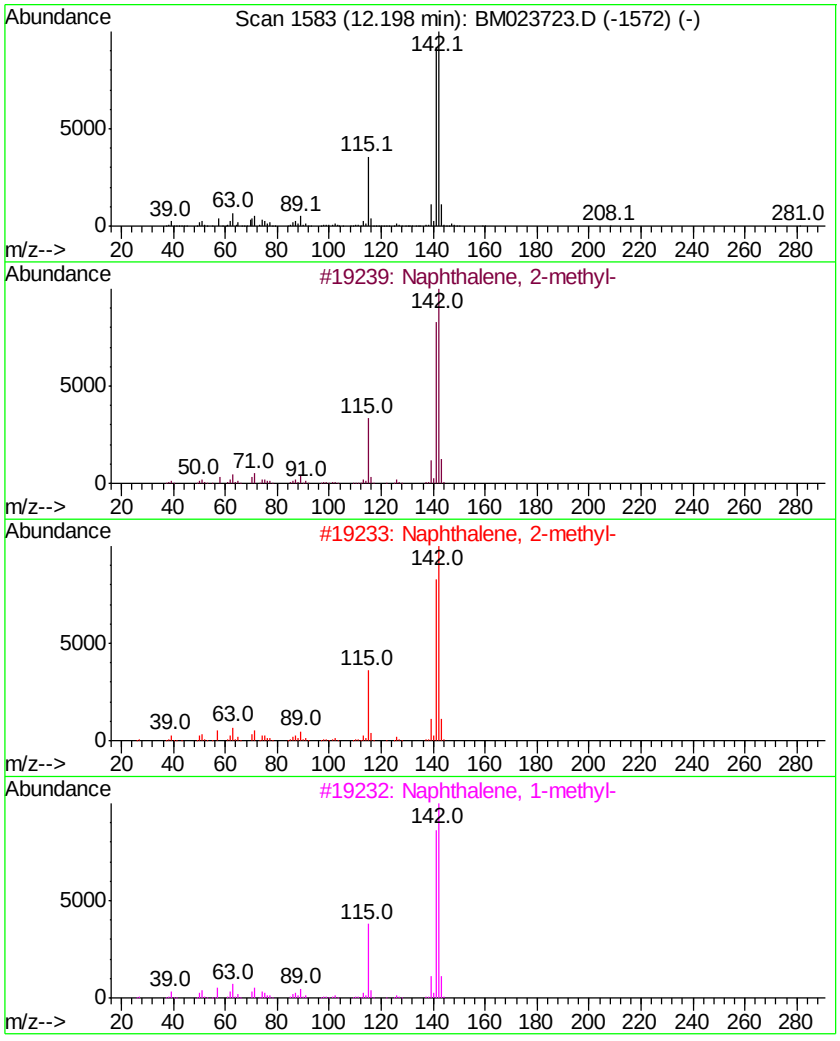
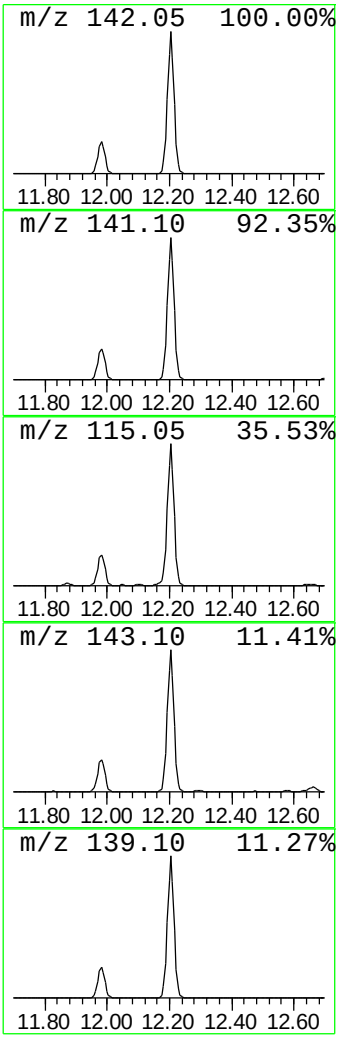
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	64.02 ng/ul	8183820	Naphthalene-d8	10.31

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





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Quant Title : SVOA CALIBRATION

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

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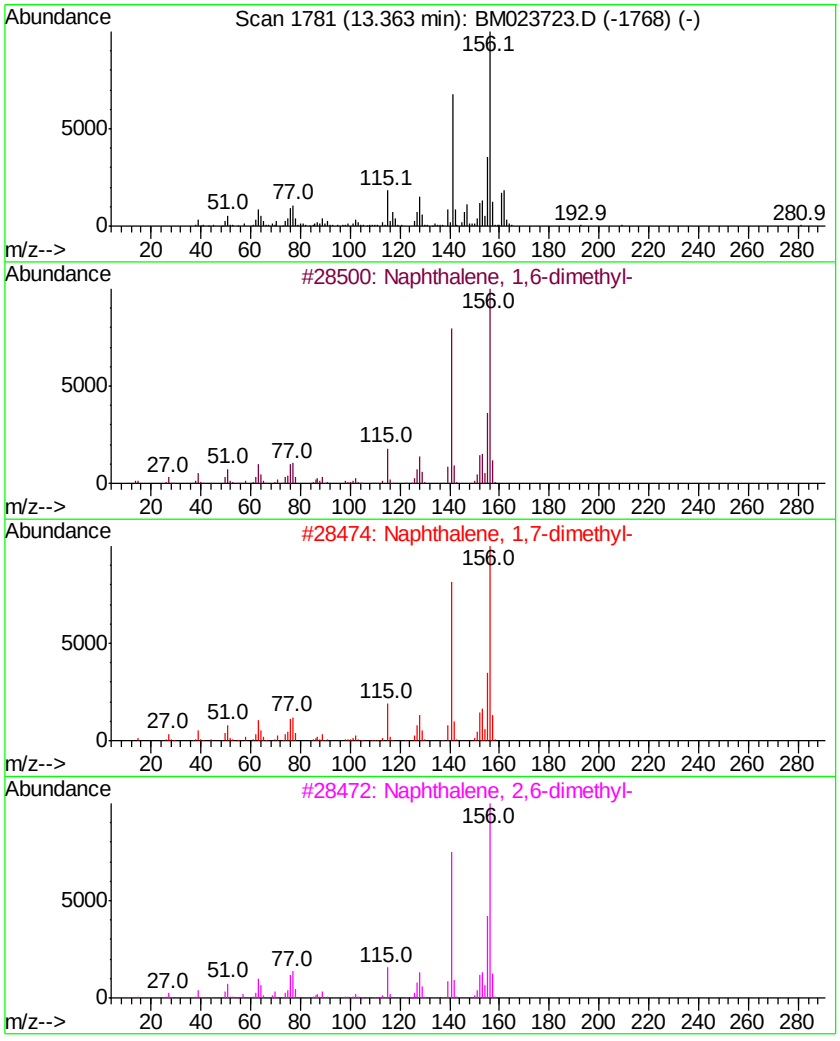
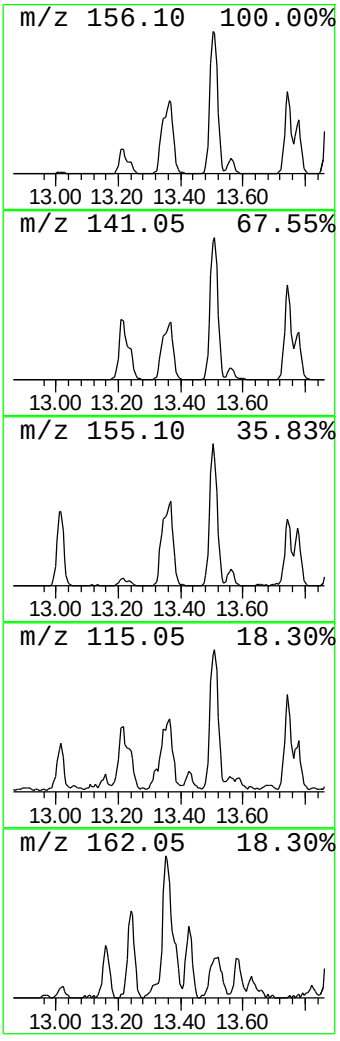
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	6.54 ng/ul	1162000	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : SVOA CALIBRATION

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

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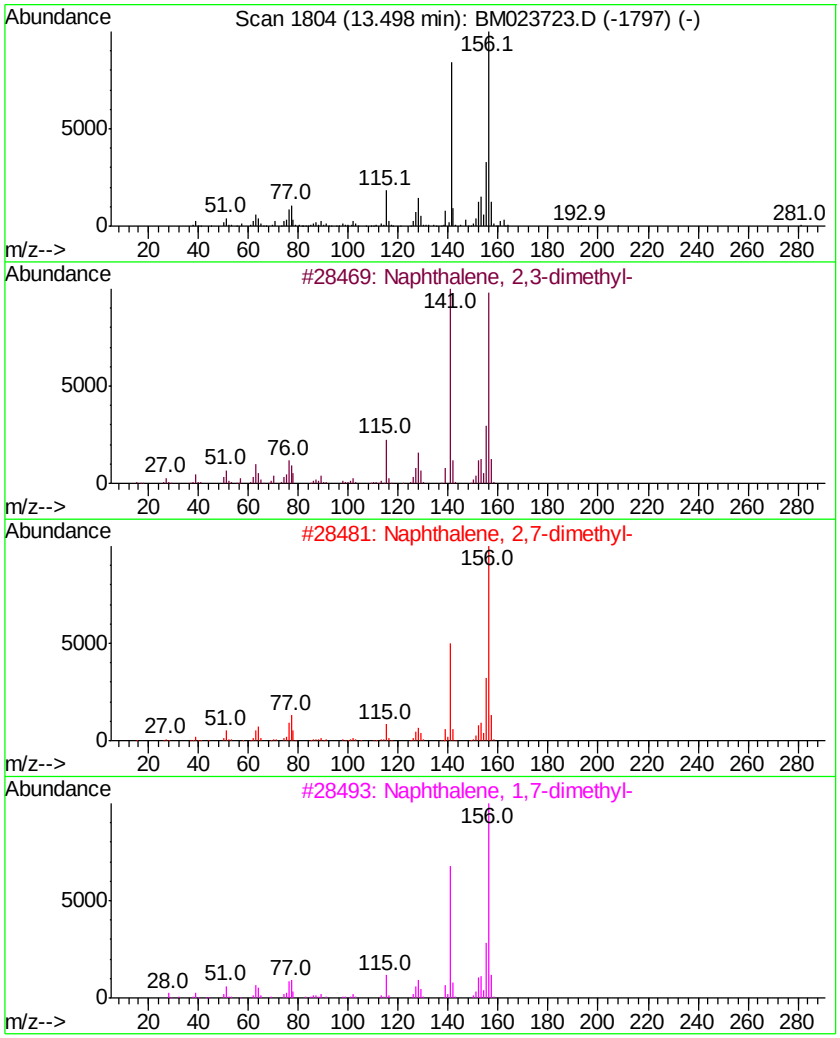
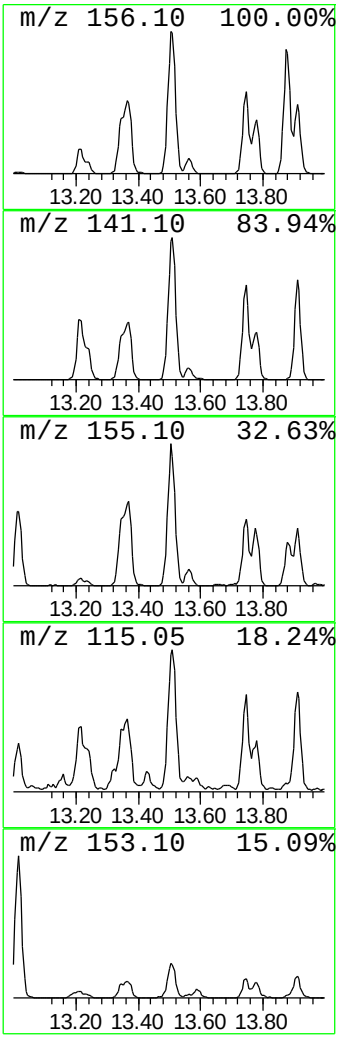
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	7.39 ng/ul	1311910	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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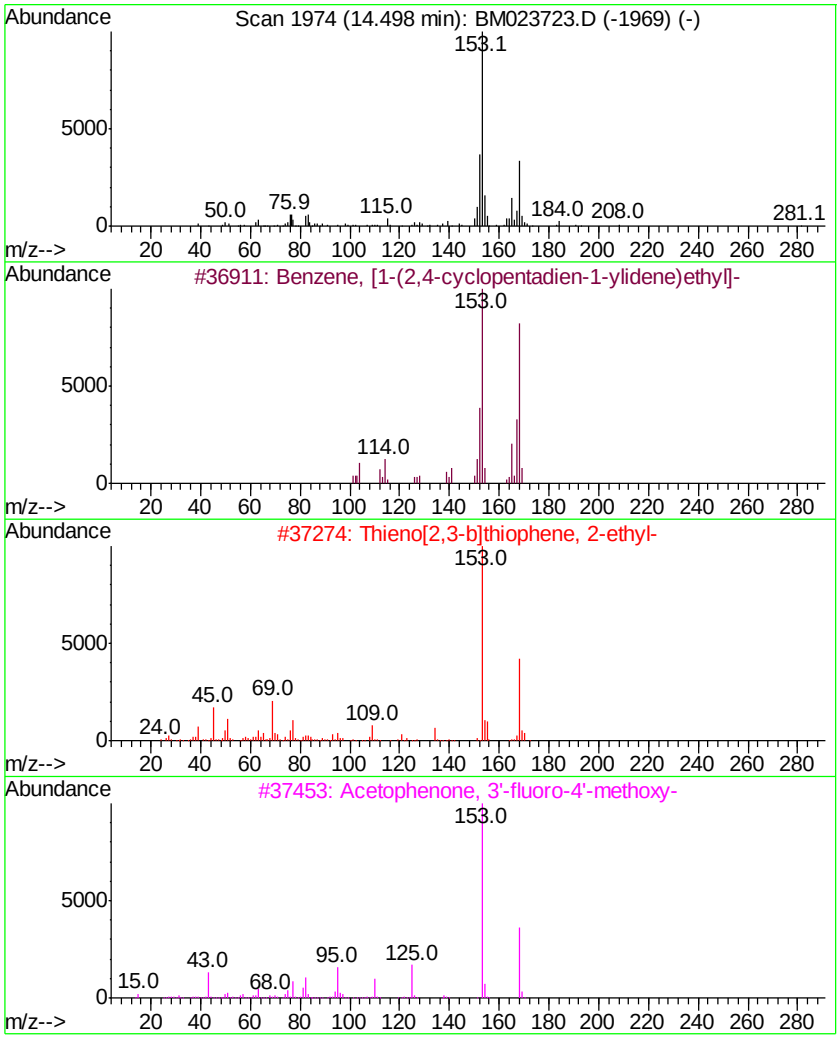
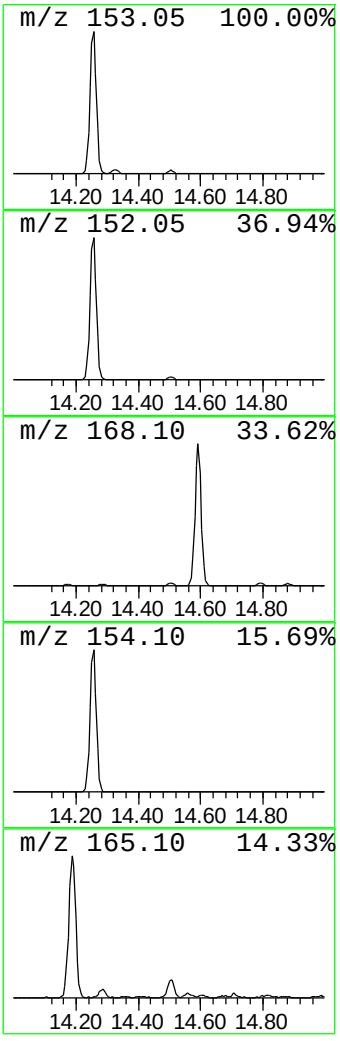
Peak Number 20 Benzene, [1-(2,4-cyclopenta... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.10 ng/ul	372977	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
2	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
4	dl-Threo-2,2-dichloro-N-(beta-hy...	322	C11H12Cl2N2O5	002787-09-9	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	42





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Quant Title : SVOA CALIBRATION

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

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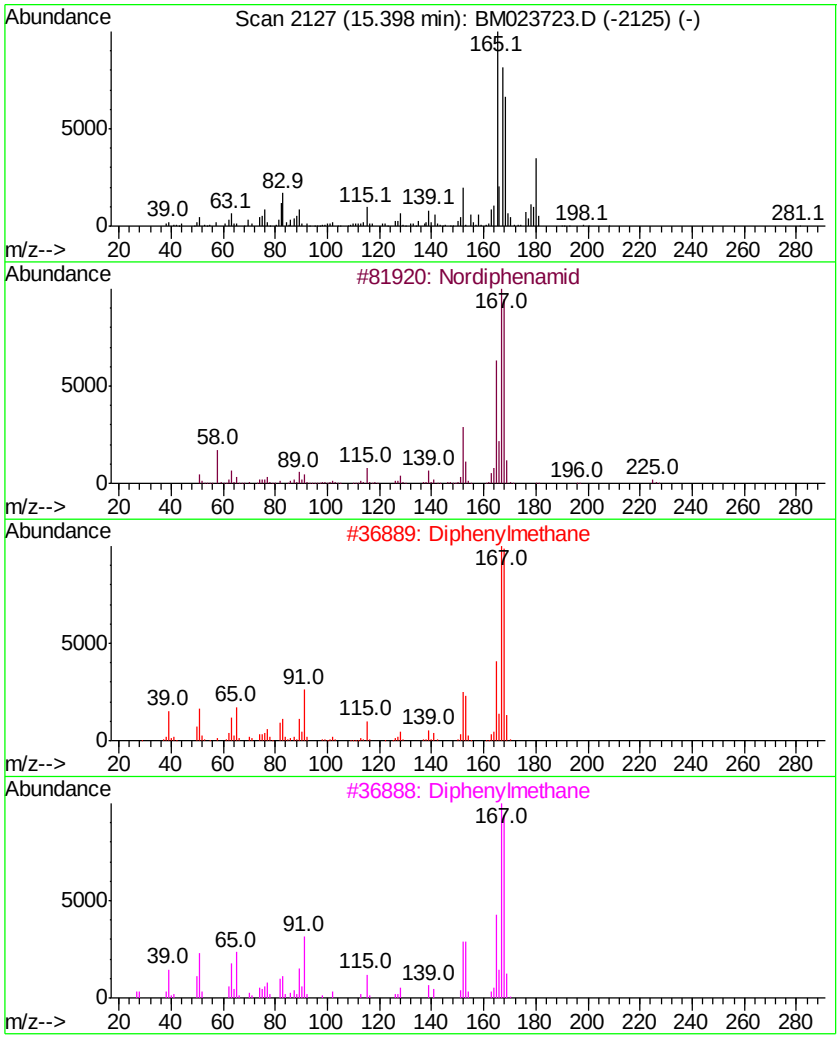
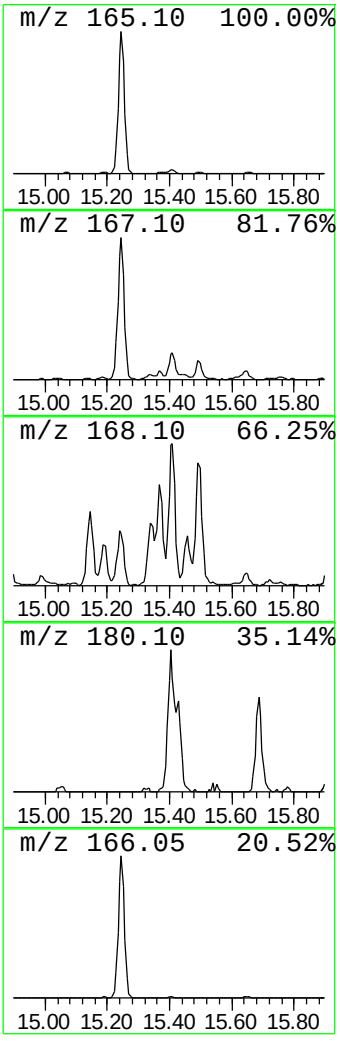
Peak Number 21 Nordiphenamid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	3.94 ng/ul	699918	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	Diphenylmethane	168	C13H12	000101-81-5	60
3	Diphenylmethane	168	C13H12	000101-81-5	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	49





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Quant Title : SVOA CALIBRATION

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

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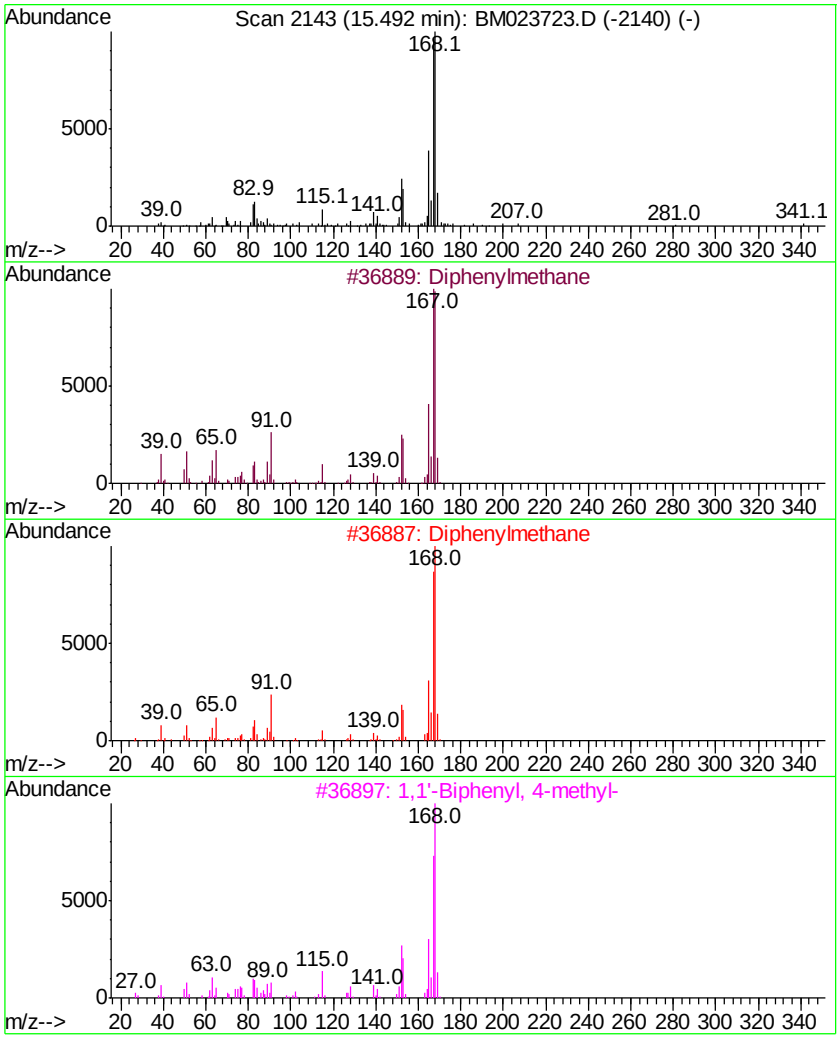
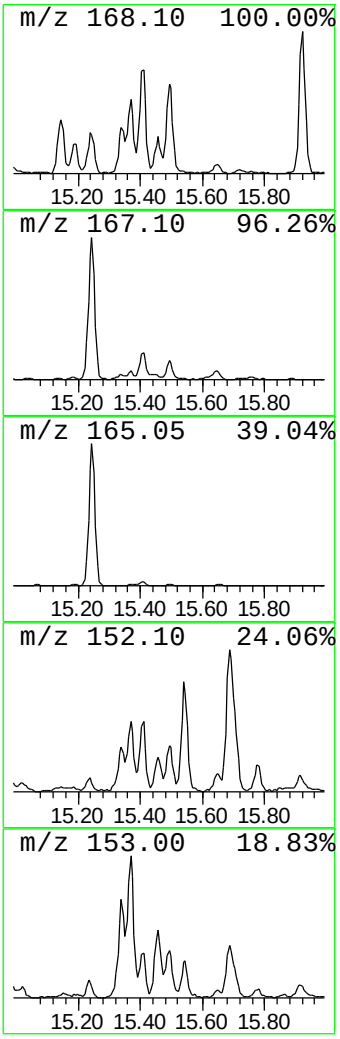
Peak Number 22 Diphenylmethane Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.17 ng/ul	385163	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Diphenylmethane	168	C13H12	000101-81-5	90
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
5	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	90





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Quant Title : SVOA CALIBRATION

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

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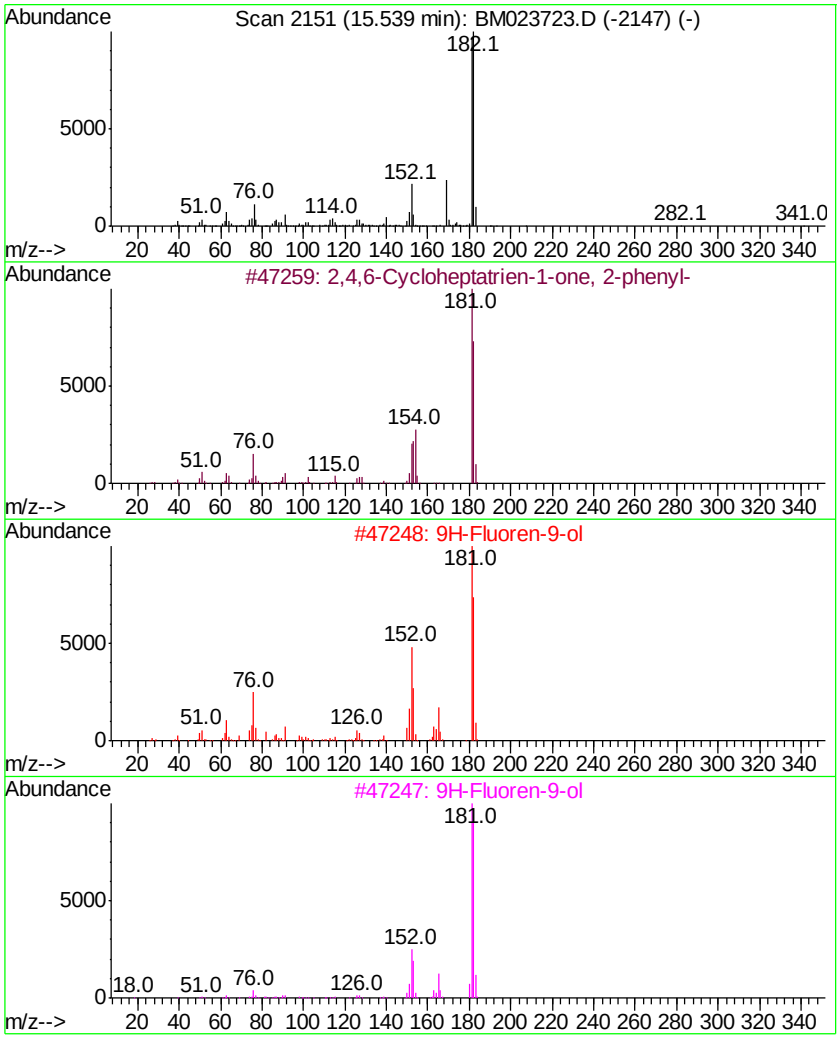
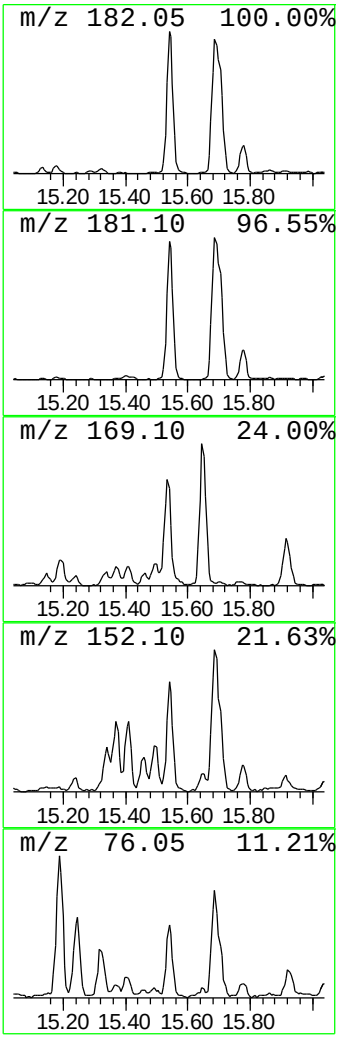
Peak Number 23 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	4.85 ng/ul	860971	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	74
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
5	9H-Xanthene	182	C13H10O	000092-83-1	50





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Quant Title : SVOA CALIBRATION

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

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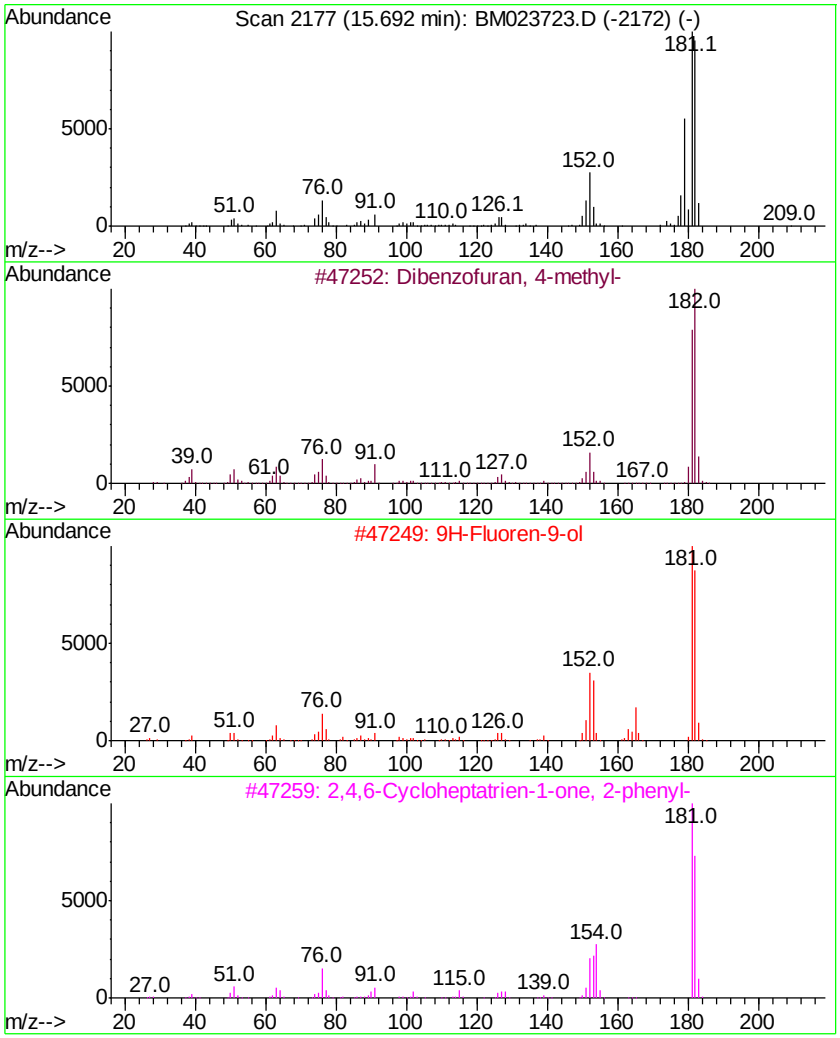
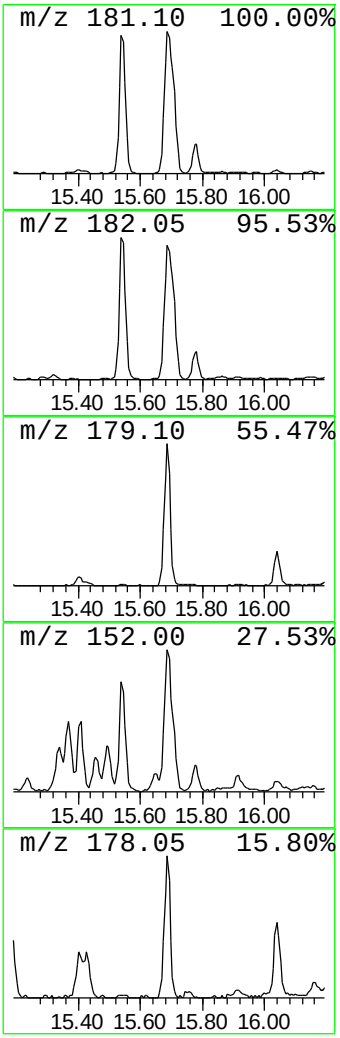
Peak Number 24 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	6.53 ng/ul	1267690	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	58
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	52





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

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Quant Title : SVOA CALIBRATION

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

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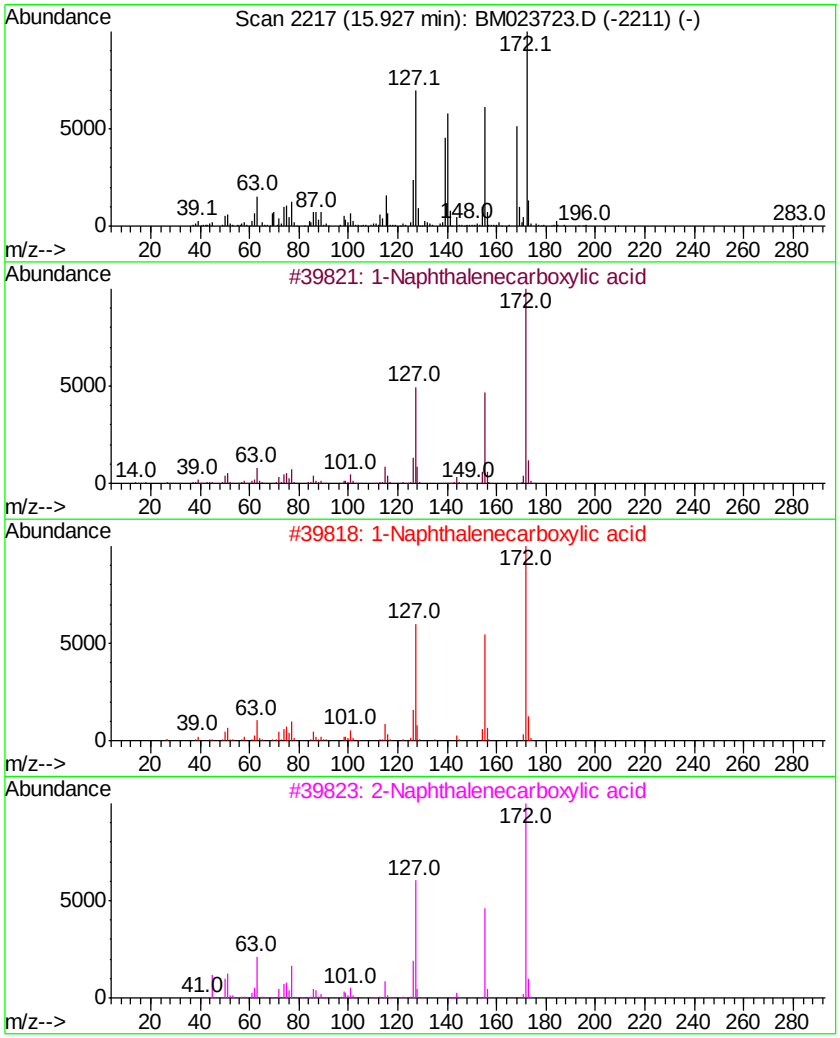
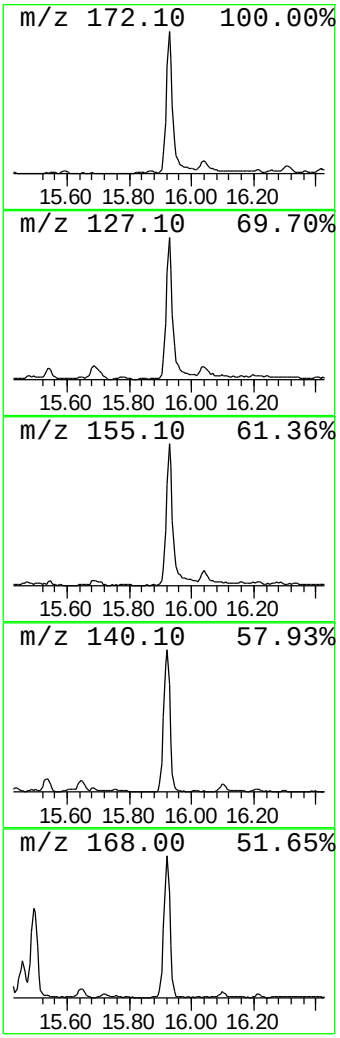
Peak Number 25 1-Naphthalenecarboxylic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.87 ng/ul	1334060	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	95
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	95
3	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	92
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	87





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Quant Title : SVOA CALIBRATION

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

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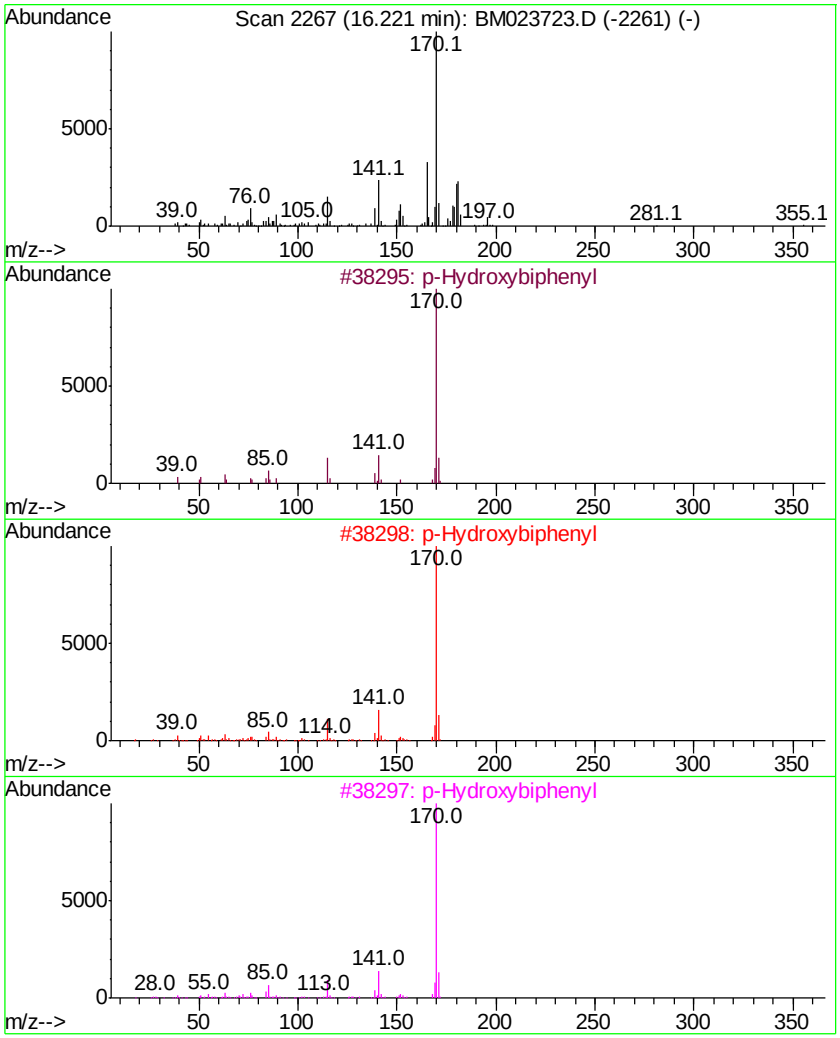
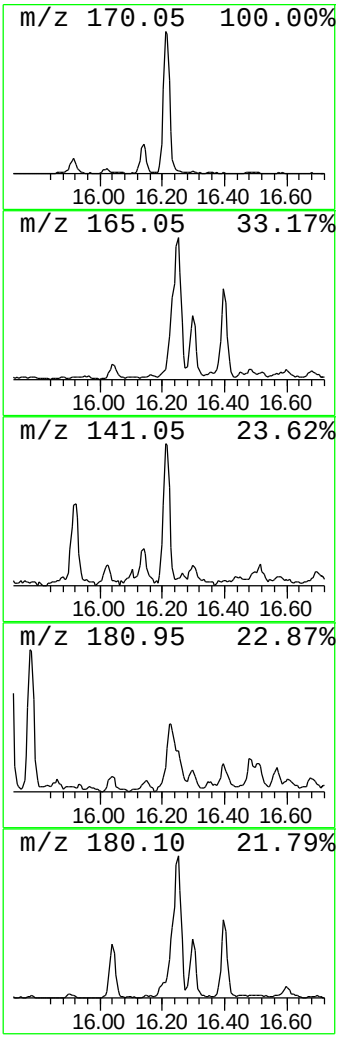
Peak Number 26 p-Hydroxybiphenyl Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.67 ng/ul	519000	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	76
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	62





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Quant Title : SVOA CALIBRATION

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

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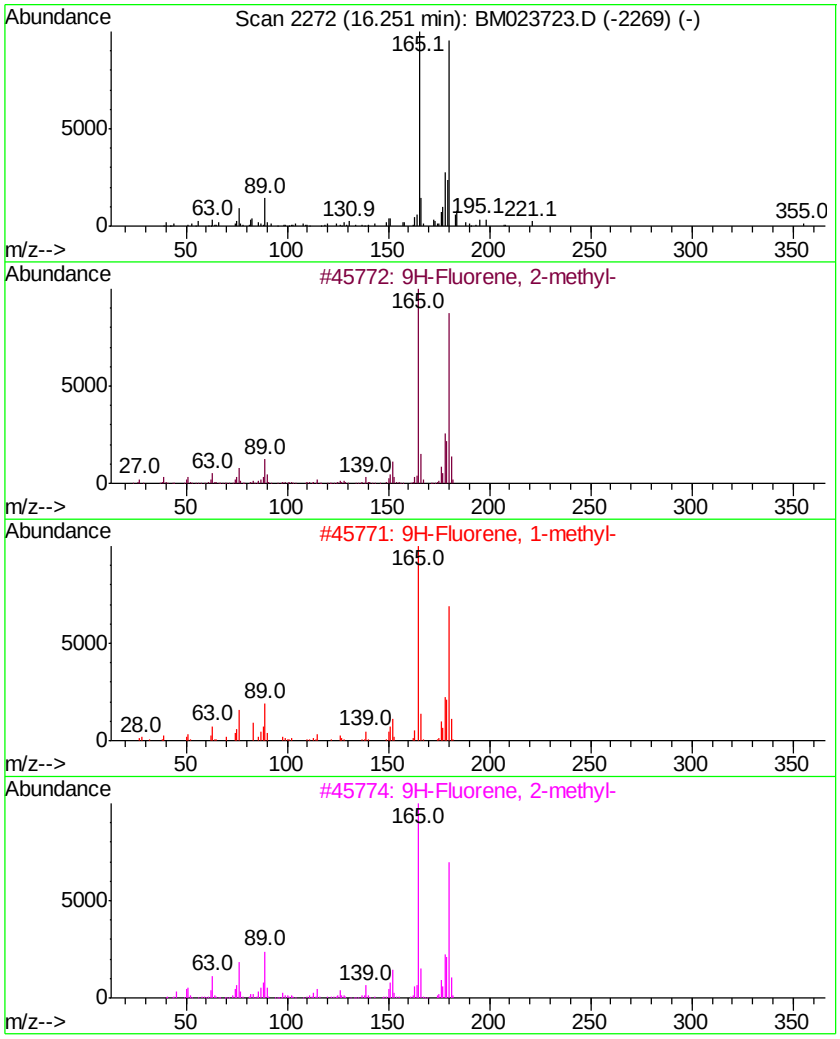
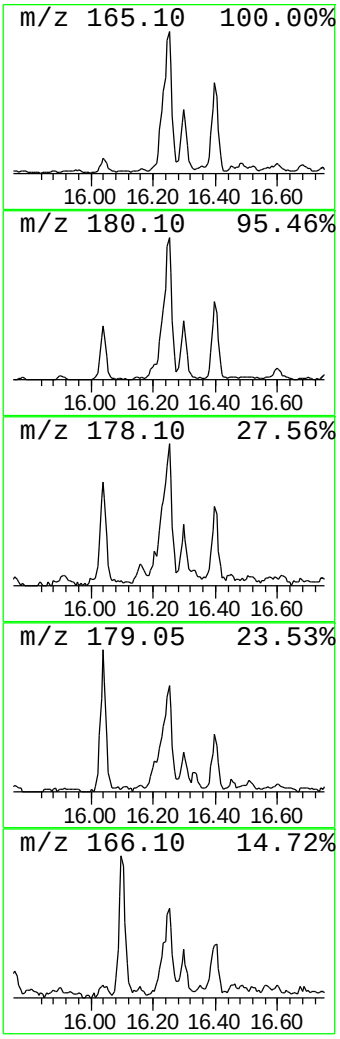
Peak Number 27 9H-Fluorene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.06 ng/ul	399692	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87





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Quant Title : SVOA CALIBRATION

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

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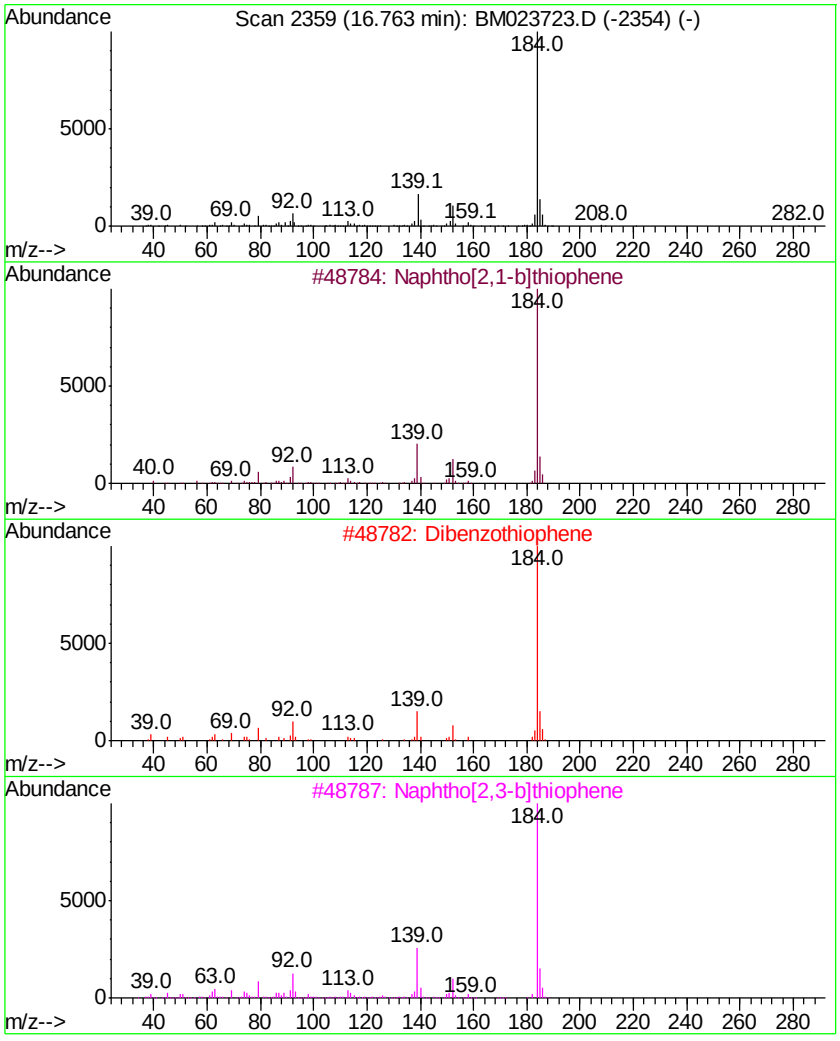
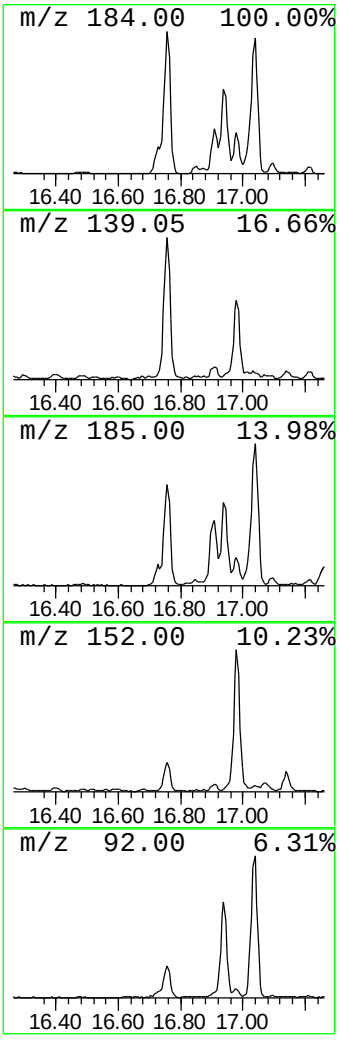
Peak Number 28 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	5.13 ng/ul	997399	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Quant Title : SVOA CALIBRATION

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

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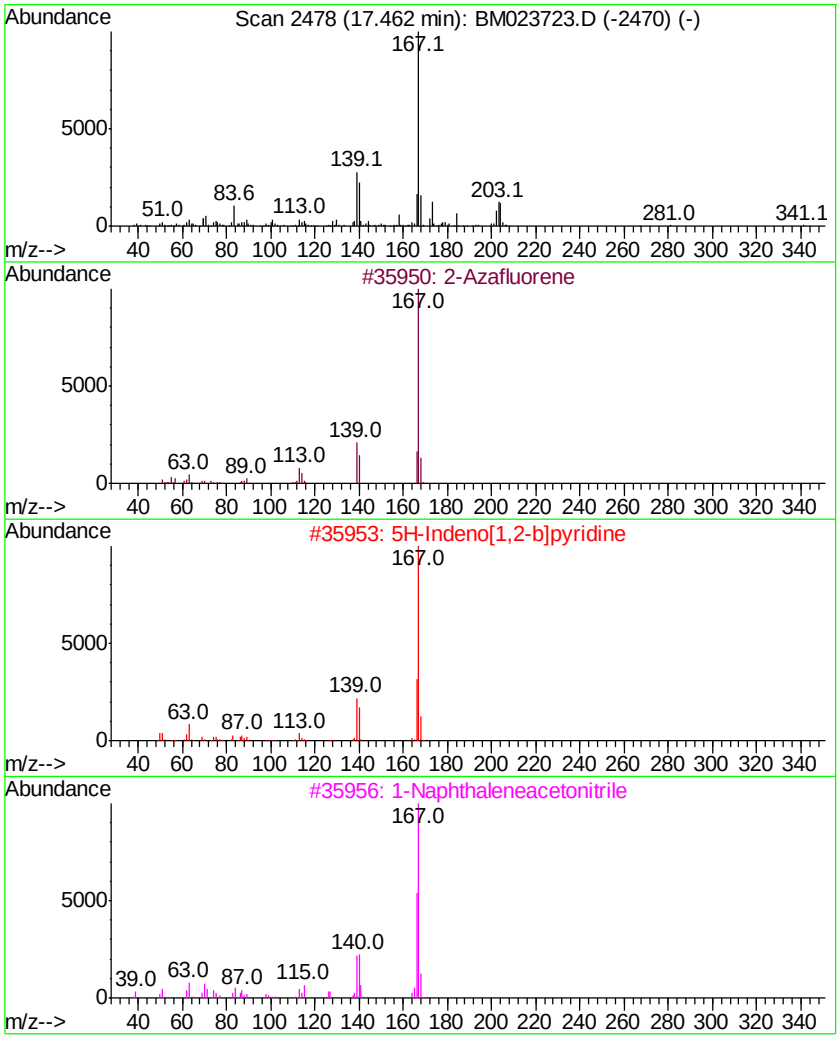
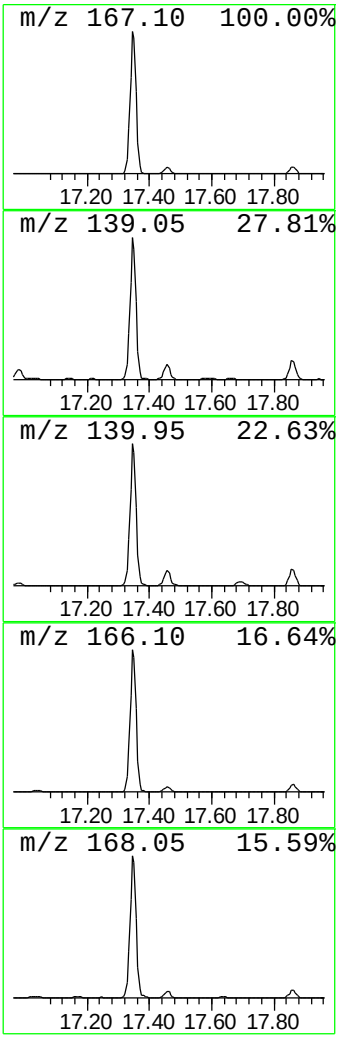
Peak Number 29 2-Azafluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.69 ng/ul	911477	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azafluorene	167	C12H9N	000244-40-6	68
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	64
3	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	59
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	58
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	58





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Quant Title : SVOA CALIBRATION

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

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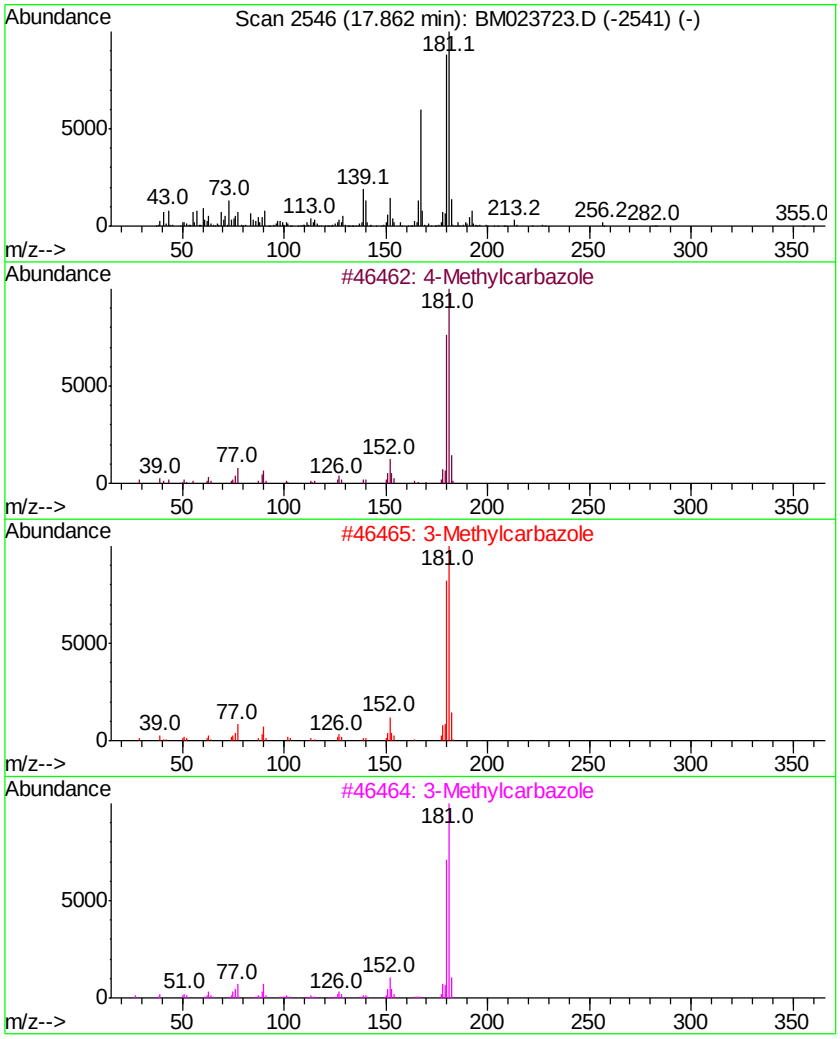
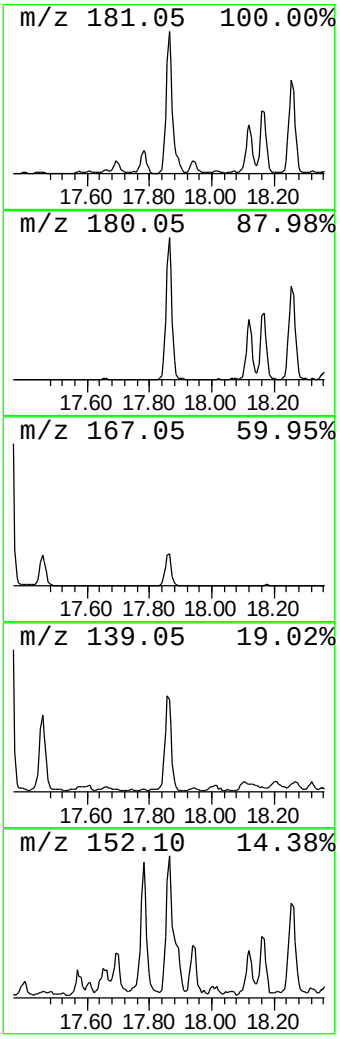
Peak Number 30 4-Methylcarbazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.50 ng/ul	2038710	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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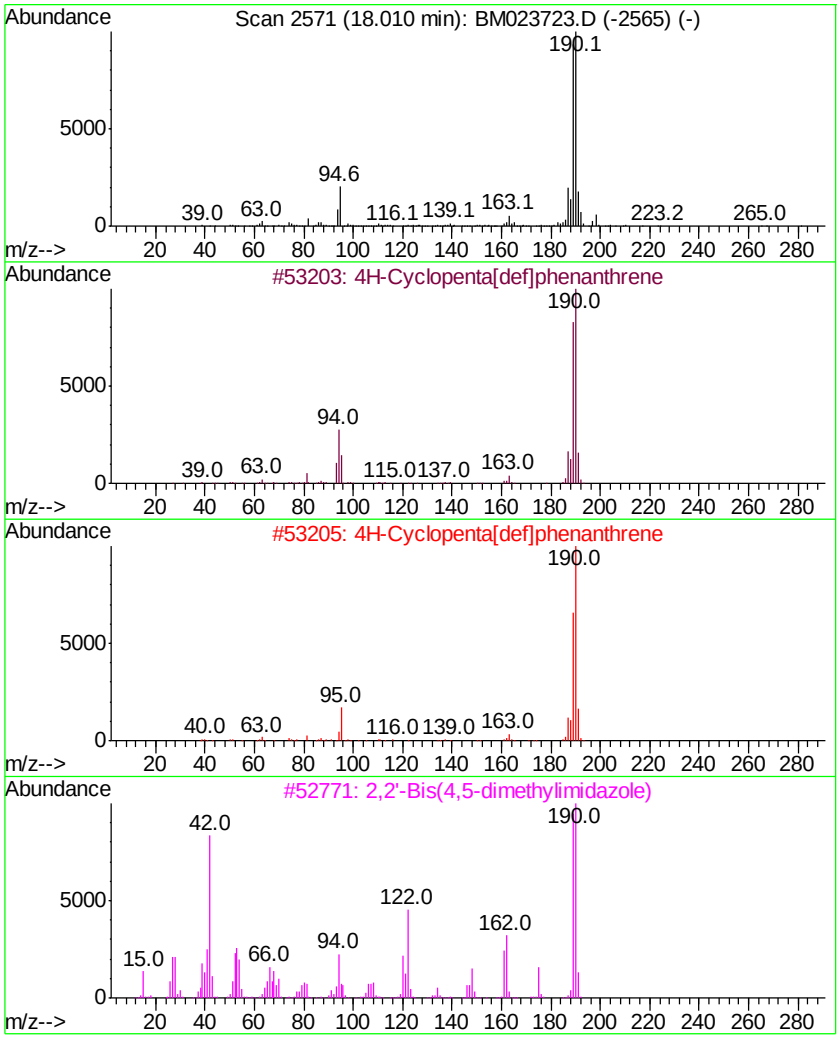
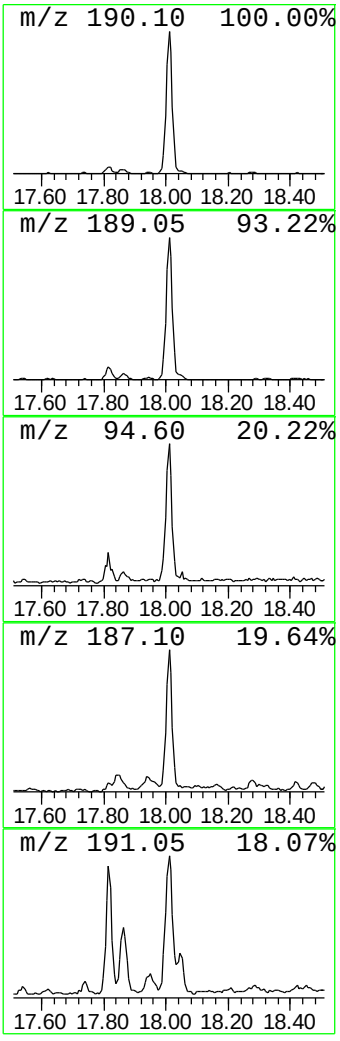
Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.81 ng/ul	933990	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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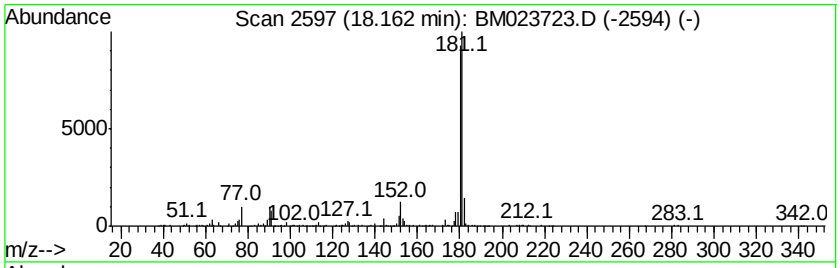
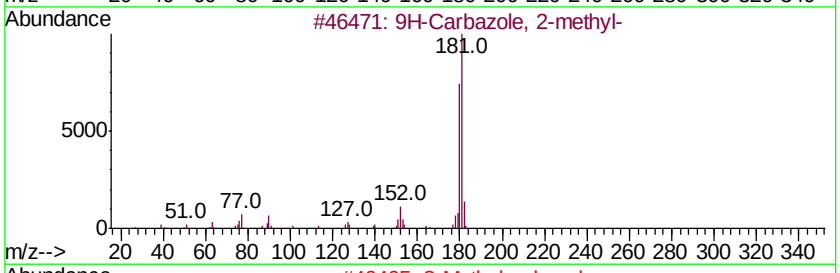
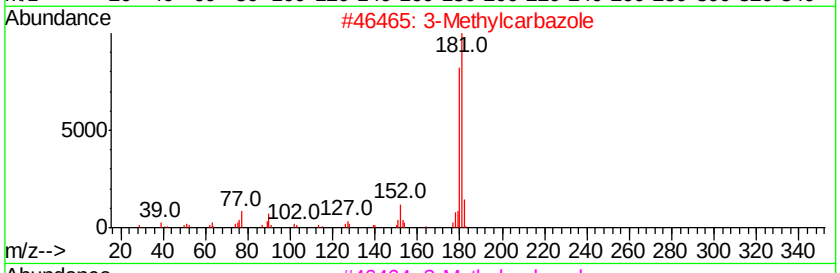
Peak Number 33 9H-Carbazole, 2-methyl- Concentration Rank 30

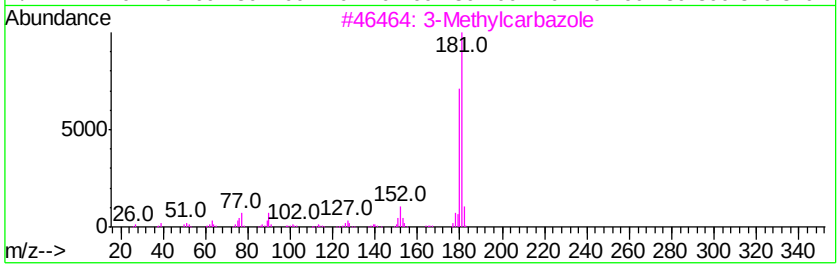
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.78 ng/ul	539608	Phenanthrene-d10	16.94

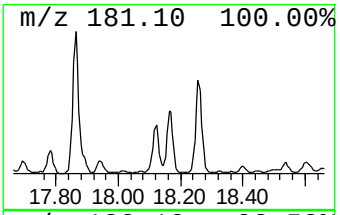
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	95
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	91

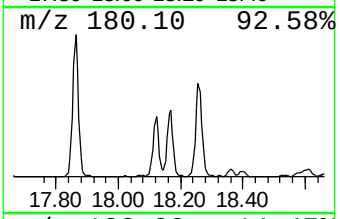


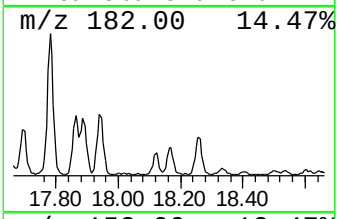


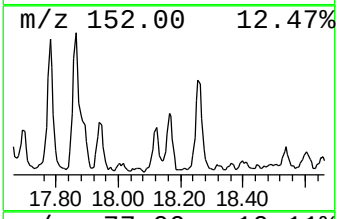


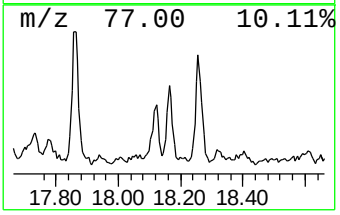












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023723.D
Acq On : 14 Nov 2019 19:05
Operator : JU
Sample : K5700-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
Ethylbenzene	5.07	3.0	ng/ul	254209	1	7.53	1664990	20.0
Benzene, 1,3-dime...	5.56	2.3	ng/ul	188183	1	7.53	1664990	20.0
Benzene, 1,2,3-tr...	7.19	3.8	ng/ul	312741	1	7.53	1664990	20.0
Indane	7.90	47.8	ng/ul	3977400	1	7.53	1664990	20.0
Indene	8.06	16.4	ng/ul	1369840	1	7.53	1664990	20.0
Benzofuran, 2-met...	8.87	7.9	ng/ul	660689	1	7.53	1664990	20.0
Cinnamaldehyde, (E)-	8.99	7.7	ng/ul	982268	2	10.31	2556570	20.0
Benzene, 2-etheny...	9.72	9.2	ng/ul	1175700	2	10.31	2556570	20.0
1H-Indene, 1-methyl-	9.81	5.2	ng/ul	660895	2	10.31	2556570	20.0
1H-Indene, 3-methyl-	9.85	2.4	ng/ul	306611	2	10.31	2556570	20.0
Benzofuran, 4,7-d...	10.73	2.4	ng/ul	300620	2	10.31	2556570	20.0
Benzo[b]thiophene...	11.41	6.2	ng/ul	793248	2	10.31	2556570	20.0
Benzo[b]thiophene...	11.87	7.2	ng/ul	917422	2	10.31	2556570	20.0
Benzo[b]thiophene...	12.10	2.5	ng/ul	326553	2	10.31	2556570	20.0
Naphthalene, 1-me...	12.20	64.0	ng/ul	8183820	2	10.31	2556570	20.0
Naphthalene, 1,6-...	13.36	6.5	ng/ul	1162000	3	14.19	3552830	20.0
Naphthalene, 2,3-...	13.50	7.4	ng/ul	1311910	3	14.19	3552830	20.0
Benzene, [1-(2,4-...	14.50	2.1	ng/ul	372977	3	14.19	3552830	20.0
Nordiphenamid	15.40	3.9	ng/ul	699918	3	14.19	3552830	20.0
Diphenylmethane	15.49	2.2	ng/ul	385163	3	14.19	3552830	20.0
2,4,6-Cycloheptat...	15.54	4.8	ng/ul	860971	3	14.19	3552830	20.0
Dibenzofuran, 4-m...	15.69	6.5	ng/ul	1267690	4	16.94	3884980	20.0
1-Naphthalenecarb...	15.93	6.9	ng/ul	1334060	4	16.94	3884980	20.0
p-Hydroxybiphenyl	16.22	2.7	ng/ul	519000	4	16.94	3884980	20.0
9H-Fluorene, 2-me...	16.25	2.1	ng/ul	399692	4	16.94	3884980	20.0
Naphtho[2,1-b]thi...	16.76	5.1	ng/ul	997399	4	16.94	3884980	20.0
2-Azafluorene	17.46	4.7	ng/ul	911477	4	16.94	3884980	20.0
4-Methylcarbazole	17.86	10.5	ng/ul	2038710	4	16.94	3884980	20.0
4H-Cyclopenta[def...	18.01	4.8	ng/ul	933990	4	16.94	3884980	20.0
9H-Carbazole, 2-m...	18.16	2.8	ng/ul	539608	4	16.94	3884980	20.0