LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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	363	371	379	rBV	8875367	12585384	4.55%	0.813%
2	5.198	387	393	408	rBV	7624222	17053307	6.16%	1.101%
3	5.563	445	455	465	rBV	7137343	11039744	3.99%	0.713%
4	6.628	630	636	641	rVV	3032562	4608600	1.66%	0.298%
5	6.687	641	646	651	rVV	2625105	4107223	1.48%	0.265%
6	6.763	654	659	668	rVV	5808517	8872579	3.20%	0.573%
7	6.928	683	687	691	rVV	1483633	2216024	0.80%	0.143%
8	7.187	724	731	737	rVV	12756950	20365342	7.35%	1.315%
9	7.257	737	743	755	rVB	7437167	11951660	4.32%	0.772%
10	7.645	802	809	817	rVV	3475783	5857329	2.12%	0.378%
11	7.910	845	854	863	rVB2	39642545	72387184	26.14%	4.676%
12	8.075	869	882	890	rBV2	32293207	59285763	21.41%	3.829%
13	8.169	892	898	904	rVV	1980281	2987313	1.08%	0.193%
14	8.634	971	977	981	rVV	2331976	3628551	1.31%	0.234%
15	8.704	981	989	996	rVV2	3829108	7985135	2.88%	0.516%
16	8.875	1012	1018	1026	rVB	4280943	6991427	2.52%	0.452%
17	9.004	1026	1040	1046	rBV	9104064	19980477	7.22%	1.291%
18	9.063	1046	1050	1056	rVV	2455001	3710327	1.34%	0.240%
19	9.210	1070	1075	1082	rVB	1622970	2500829	0.90%	0.162%
20	9.404	1098	1108	1114	rBV	1165365	2355667	0.85%	0.152%
21	9.563	1130	1135	1151	rVB	4858337	8254181	2.98%	0.533%
22	9.716	1151	1161	1172	rBV4	8266897	21804793	7.87%	1.408%
23	9.816	1172	1178	1182	rVV	4040166	7897670	2.85%	0.510%
24	9.851	1182	1184	1192	rVB	2105596	3034741	1.10%	0.196%
25	9.951	1192	1201	1209	rBV	1824751	3902682	1.41%	0.252%
26	10.439	1256	1284	1285	rBV5	52018291	276893451	100.00%	17.885%
27	10.516	1290	1297	1303	rVV2	32869695	56184651	20.29%	3.629%
28	10.733	1329	1334	1340	rVB2	1857751	3275947	1.18%	0.212%
29	11.416	1443	1450	1455	rBV3	2381718	4397428	1.59%	0.284%
30	11.869	1522	1527	1536	rVV	3067426	5277546	1.91%	0.341%
31	11.986	1536	1547	1553	rVV	17218778	27780173	10.03%	1.794%
32	12.104	1562	1567	1572	rVV	1986297	3663804	1.32%	0.237%
33	12.222	1573	1587	1593	rVB2	38724936	75053288	27.11%	4.848%
34	13.016	1715	1722	1732	rVB	17914799	26946001	9.73%	1.740%

LSC Area Percent Report

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Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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	13.210	1750	1755	1767	rVB	3387900	6763359	2.44%	0.437%
36	13.345	1767	1778	1780	rBV	5394875	9645591	3.48%	0.623%
37	13.510	1799	1806	1811	rVV	8977931	16118130	5.82%	1.041%
38	13.563	1811	1815	1819	rVV	4273318	6528328	2.36%	0.422%
39	13.610	1819	1823	1829	rVV	3408615	5145784	1.86%	0.332%
40	13.745	1840	1846	1849	rBV	3685124	5477003	1.98%	0.354%
41	13.874	1862	1868	1871	rBV2	4483900	7176045	2.59%	0.464%
42	13.910	1871	1874	1882	rVB	4513449	6498707	2.35%	0.420%
43	14.180	1915	1920	1927	rVV2	4103226	8453142	3.05%	0.546%
44	14.268	1927	1935	1941	rVV2	43771416	76047090	27.46%	4.912%
45	14.327	1941	1945	1949	rVV	2304496	3246106	1.17%	0.210%
46	14.386	1949	1955	1965	rVB	6067793	9834516	3.55%	0.635%
47	14.480	1965	1971	1980	rVB3	2663499	6587775	2.38%	0.426%
48	14.604	1980	1992	1998	rBV2	30450488	50690513	18.31%	3.274%
49	14.733	1999	2014	2019	rBV2	3155529	9647946	3.48%	0.623%
50	15.186	2086	2091	2096	rVV	5572676	8647187	3.12%	0.559%
51	15.251	2096	2102	2110	rVB	28494208	43361921	15.66%	2.801%
52	15.333	2110	2116	2119	rBV3	2120288	3712574	1.34%	0.240%
53	15.392	2119	2126	2132	rVV3	6143740	16545698	5.98%	1.069%
54	15.486	2132	2142	2147	rVV5	2929234	8787071	3.17%	0.568%
55	15.539	2147	2151	2155	rVV	2736618	3798206	1.37%	0.245%
56	15.686	2169	2176	2187	rVV4	2916784	7726224	2.79%	0.499%
57	15.927	2211	2217	2219	rBV	5590347	8892238	3.21%	0.574%
58	16.039	2230	2236	2238	rBV2	1491213	2417001	0.87%	0.156%
59	16.068	2238	2241	2245	rVV	2473307	3342864	1.21%	0.216%
60	16.139	2248	2253	2257	rVV	3065222	4376072	1.58%	0.283%
61	16.215	2257	2266	2277	rVV4	5698336	15624915	5.64%	1.009%
62	16.310	2277	2282	2288	rVB2	2164074	4102954	1.48%	0.265%
63	16.727	2348	2353	2356	rVV	4491277	6884780	2.49%	0.445%
64	16.757	2356	2358	2363	rVB	2447484	2688586	0.97%	0.174%
65	16.862	2368	2376	2382	rVV3	6736684	17141038	6.19%	1.107%
66	16.909	2382	2384	2386	rVV	2412748	2815667	1.02%	0.182%
67	16.945	2386	2390	2392	rVV2	3693268	6020514	2.17%	0.389%
68	16.986	2392	2397	2401	rVV2	29224747	45379153	16.39%	2.931%
69	17.039	2402	2406	2409	rVV2	7377262	11392235	4.11%	0.736%
70	17.074	2409	2412	2418	rVV2	2503809	5116487	1.85%	0.330%
71	17.145	2418	2424	2429	rVV5	2053273	4508987	1.63%	0.291%

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Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	17.362	2447	2461	2466	rBV3	32383528	61121947	22.07%	3.948%
73	17.451	2466	2476	2481	rVV4	7006568	14766296	5.33%	0.954%
74	17.515	2481	2487	2492	rVB	8617269	12275599	4.43%	0.793%
75	17.604	2500	2502	2506	rVB	2011582	2330538	0.84%	0.151%
76	17.698	2514	2518	2523	rVB2	1545876	2332262	0.84%	0.151%
77	17.786	2524	2533	2542	rBV3	3894108	7663847	2.77%	0.495%
78	17.868	2542	2547	2555	rVB2	10717463	18517709	6.69%	1.196%
79	17.945	2555	2560	2566	rBV	6178121	8353748	3.02%	0.540%
80	18.009	2566	2571	2576	rVB3	2709861	4328672	1.56%	0.280%
81	18.109	2582	2588	2596	rBV3	3835851	12882362	4.65%	0.832%
82	18.215	2601	2606	2608	rVV	2043973	3660685	1.32%	0.236%
83	18.262	2610	2614	2620	rVV2	3718269	7755399	2.80%	0.501%
84	18.321	2620	2624	2629	rVB	3114775	4181914	1.51%	0.270%
85	18.539	2657	2661	2668	rVV4	1636014	3232000	1.17%	0.209%
86	18.692	2684	2687	2693	rVV	1326508	2447007	0.88%	0.158%
87	19.003	2735	2740	2747	rVB	3292252	4562607	1.65%	0.295%
88	19.339	2790	2797	2801	rVV2	8816798	13173304	4.76%	0.851%
89	19.392	2804	2806	2814	rVB	2831474	3907310	1.41%	0.252%
90	19.750	2863	2867	2872	rBV	2124580	2634737	0.95%	0.170%
91	19.839	2873	2882	2884	rBV	13057635	22776389	8.23%	1.471%
92	19.880	2885	2889	2896	rVB	13868447	24774258	8.95%	1.600%
93	20.374	2969	2973	2982	rVV2	1904549	3318882	1.20%	0.214%
94	20.462	2982	2988	2993	rVV2	3666293	8372511	3.02%	0.541%
95	20.503	2993	2995	3006	rVB	3452295	4946579	1.79%	0.320%
96	20.662	3018	3022	3029	rBV2	1271565	2449148	0.88%	0.158%
97	21.139	3098	3103	3107	rVB2	4637347	5745603	2.08%	0.371%
98	21.621	3180	3185	3190	rBV	2841243	3902982	1.41%	0.252%
99	23.162	3440	3447	3453	rBV	5813852	10238100	3.70%	0.661%
100	23.297	3464	3470	3481	rVB	3057927	5582146	2.02%	0.361%

Sum of corrected areas: 1548213169

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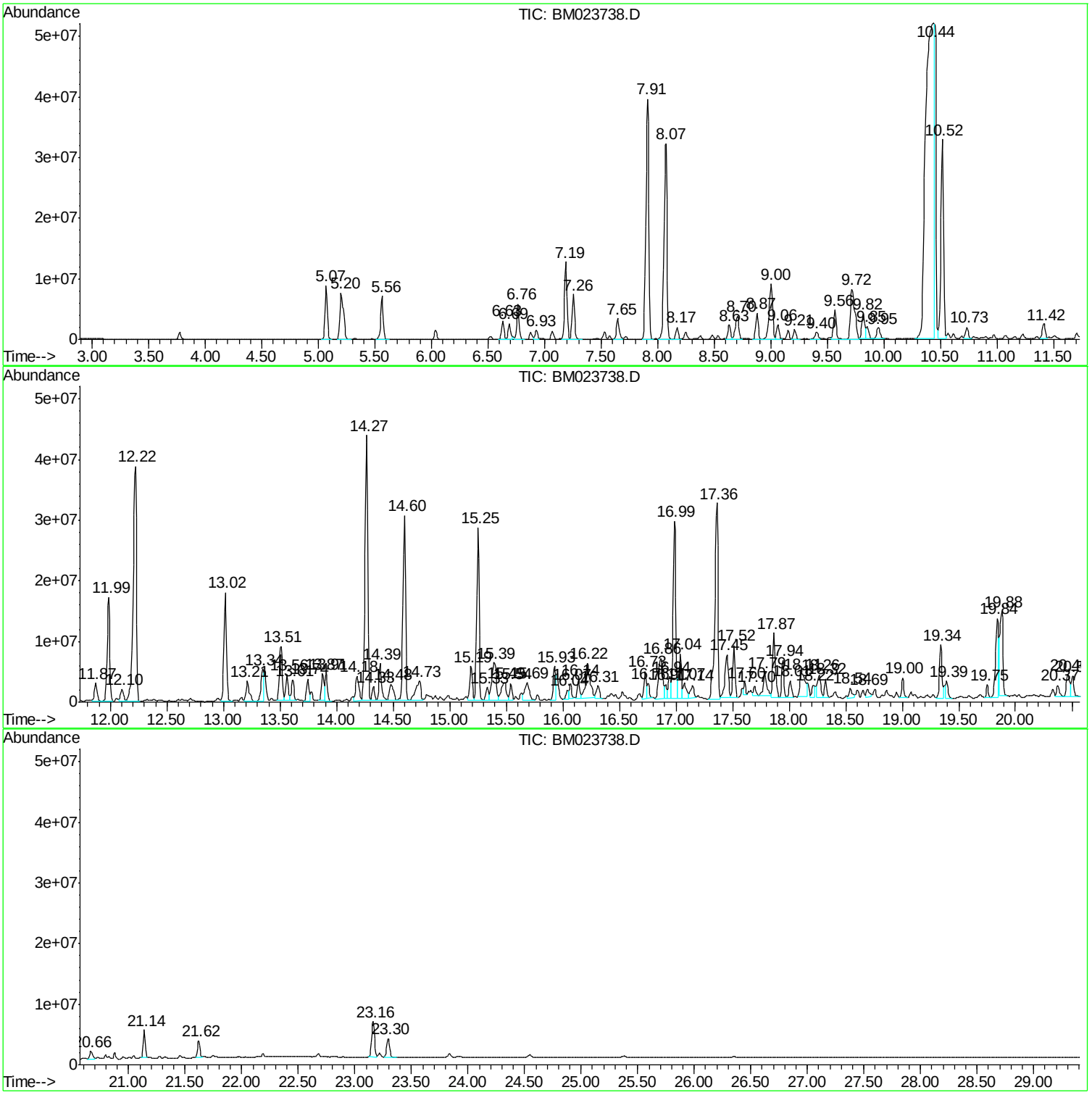
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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 : BM023738.D
Acq On : 15 Nov 2019 04:42
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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

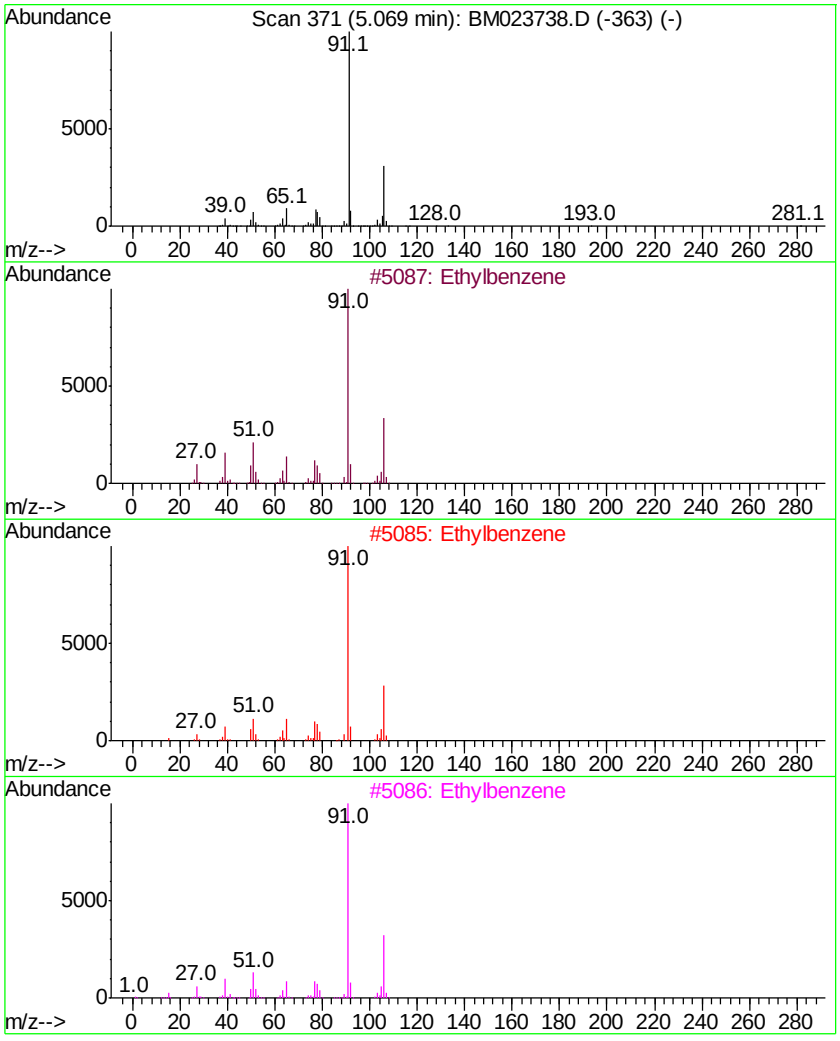
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

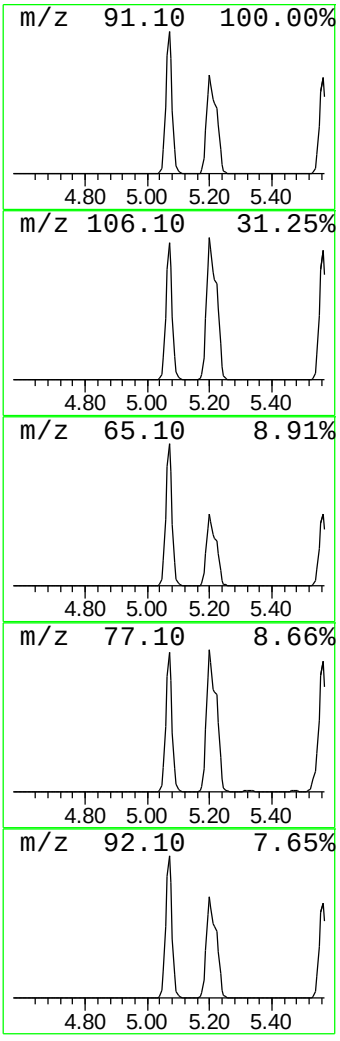
****

Peak Number 1 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	42.97 ng/ul	12585400	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	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BEGY8

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

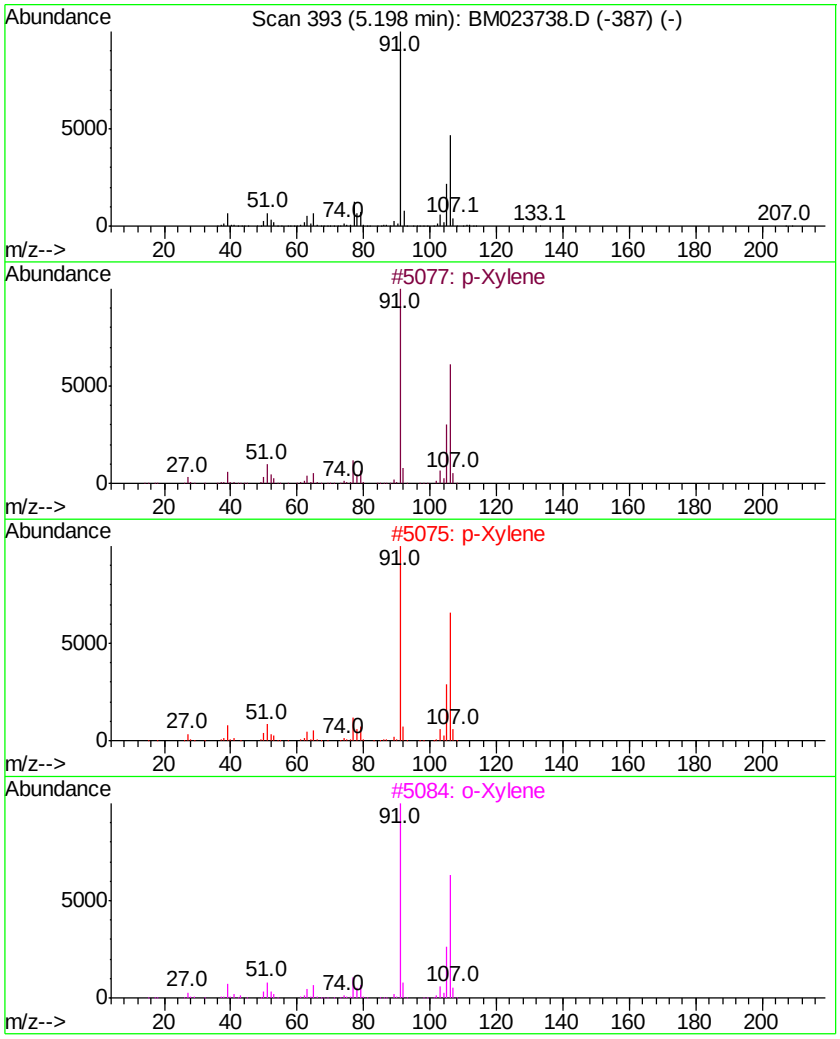
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

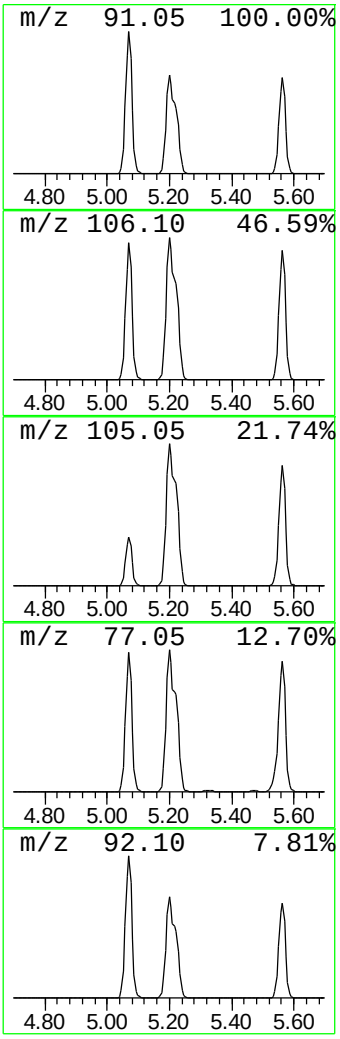
****

Peak Number 2 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	58.23 ng/ul	17053300	1,4-Dichlorobenzene-d4	7.53

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





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Quant Title : SVOA CALIBRATION

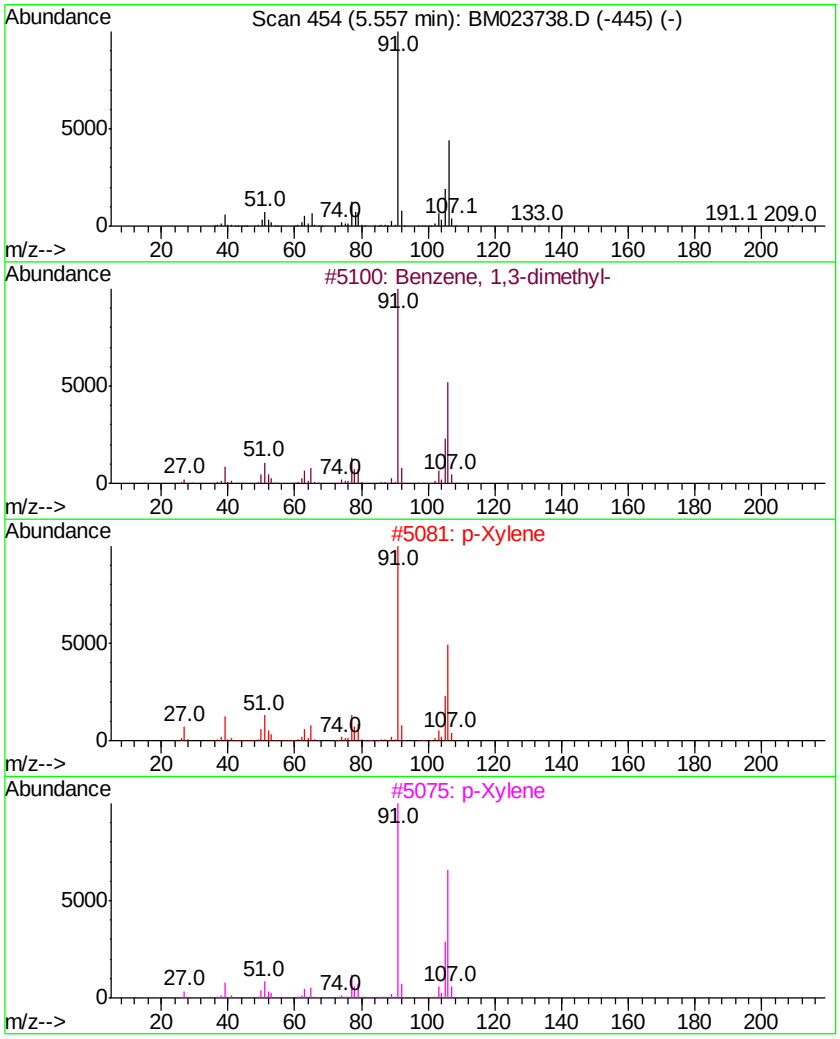
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

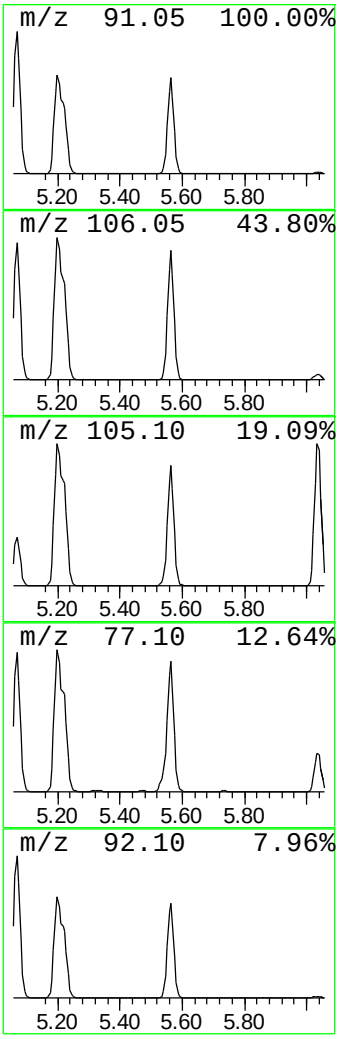
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	37.70 ng/ul	11039700	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	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





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Acq On : 15 Nov 2019 04:42
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Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

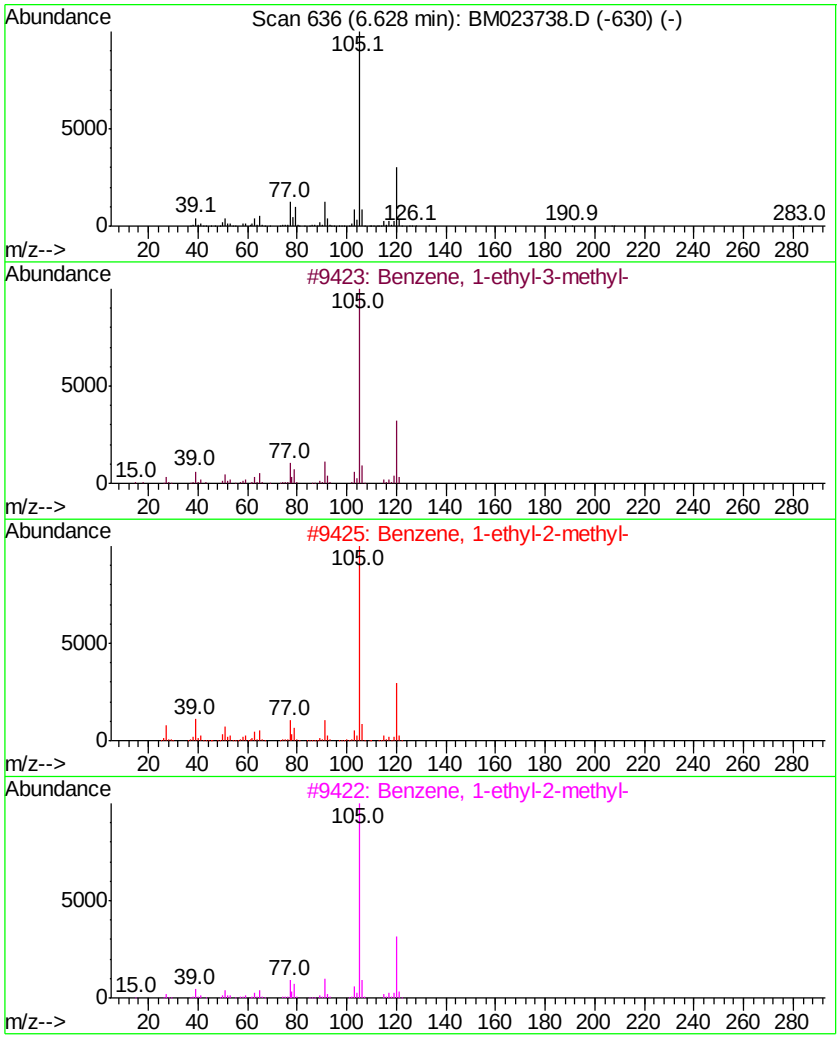
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

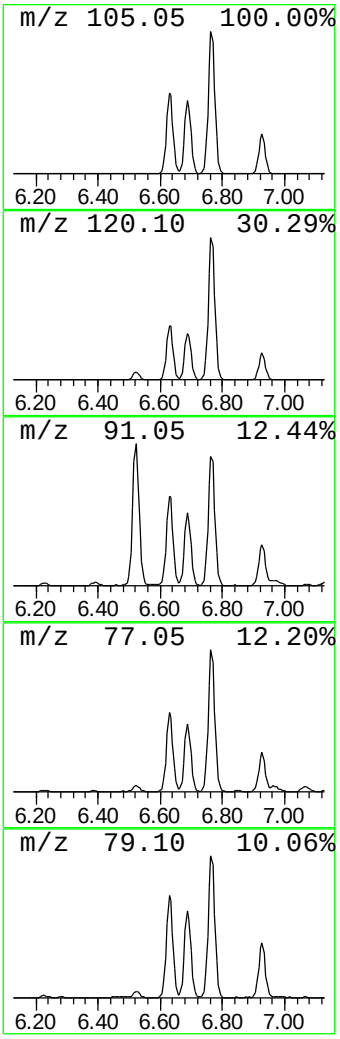
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	15.74 ng/ul	4608600	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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

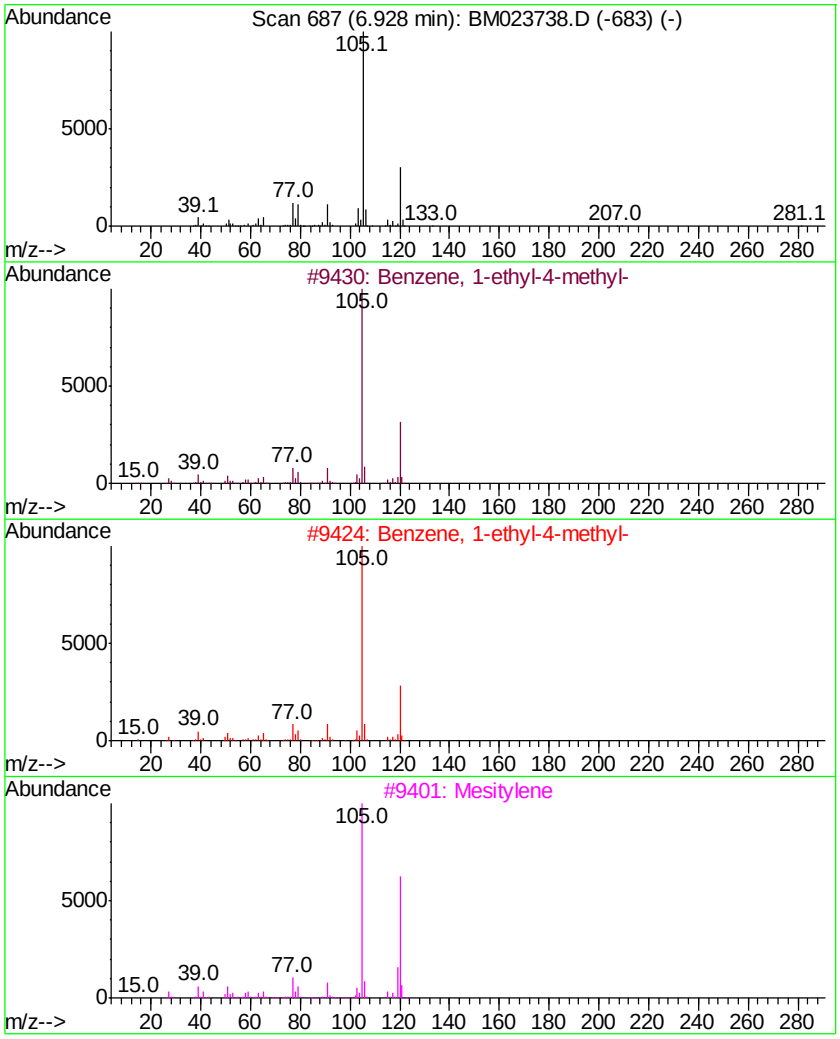
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

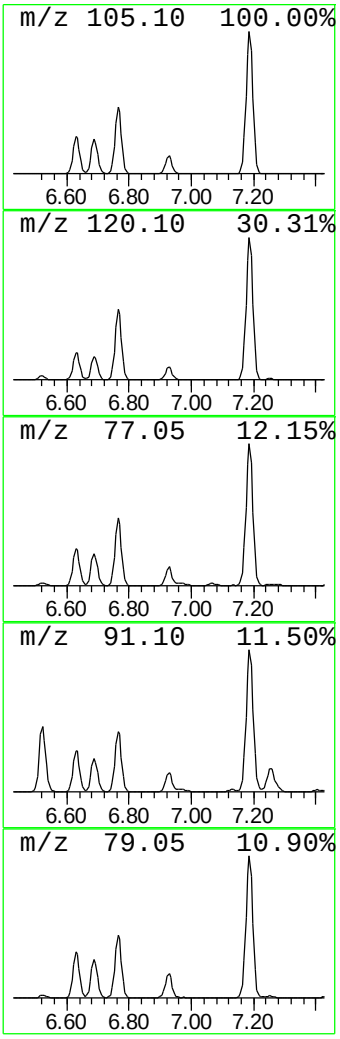
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	7.57 ng/ul	2216020	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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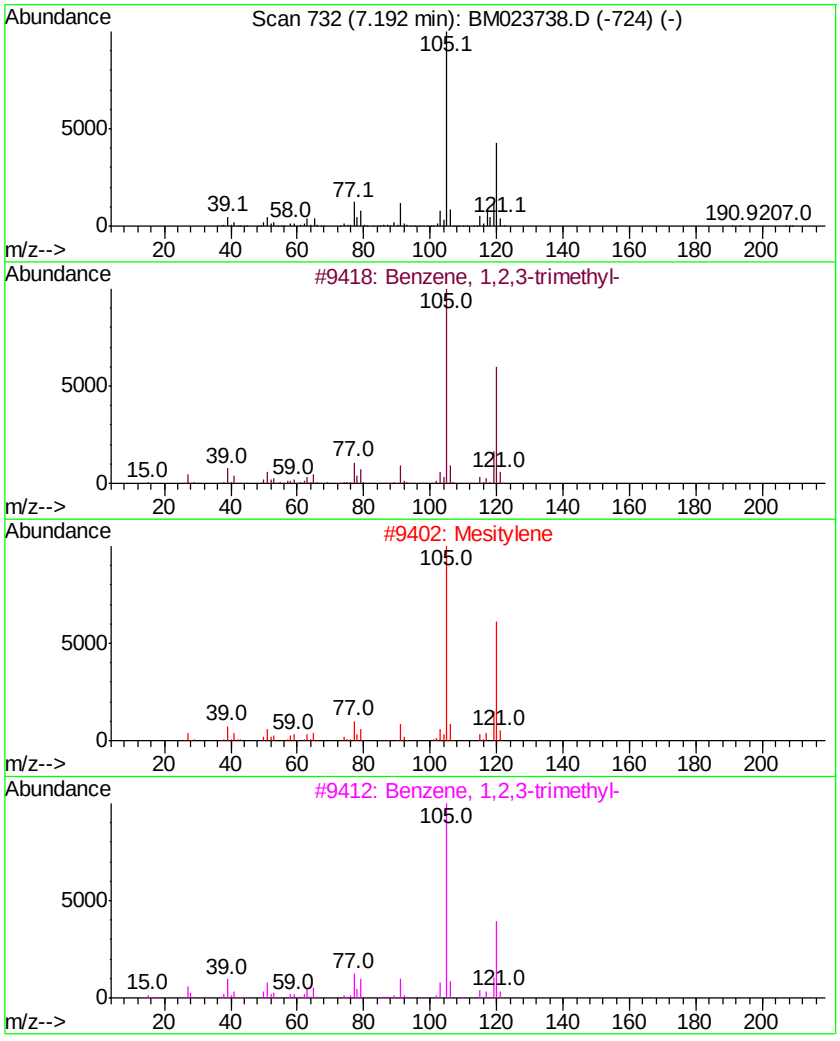
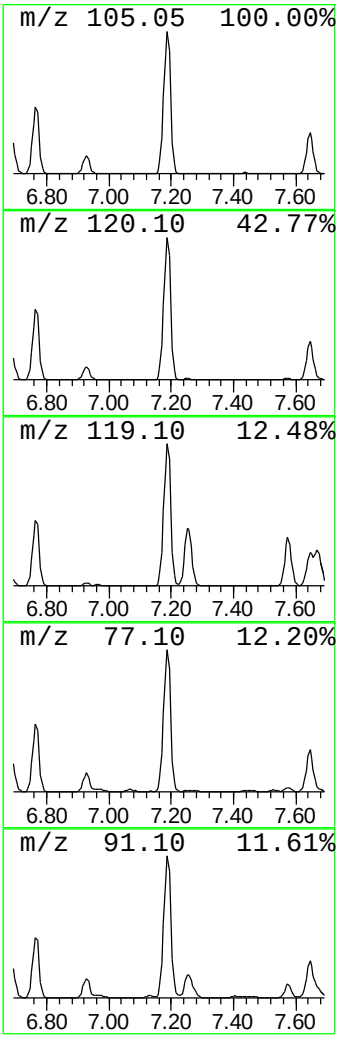
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	69.54 ng/ul	20365300	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	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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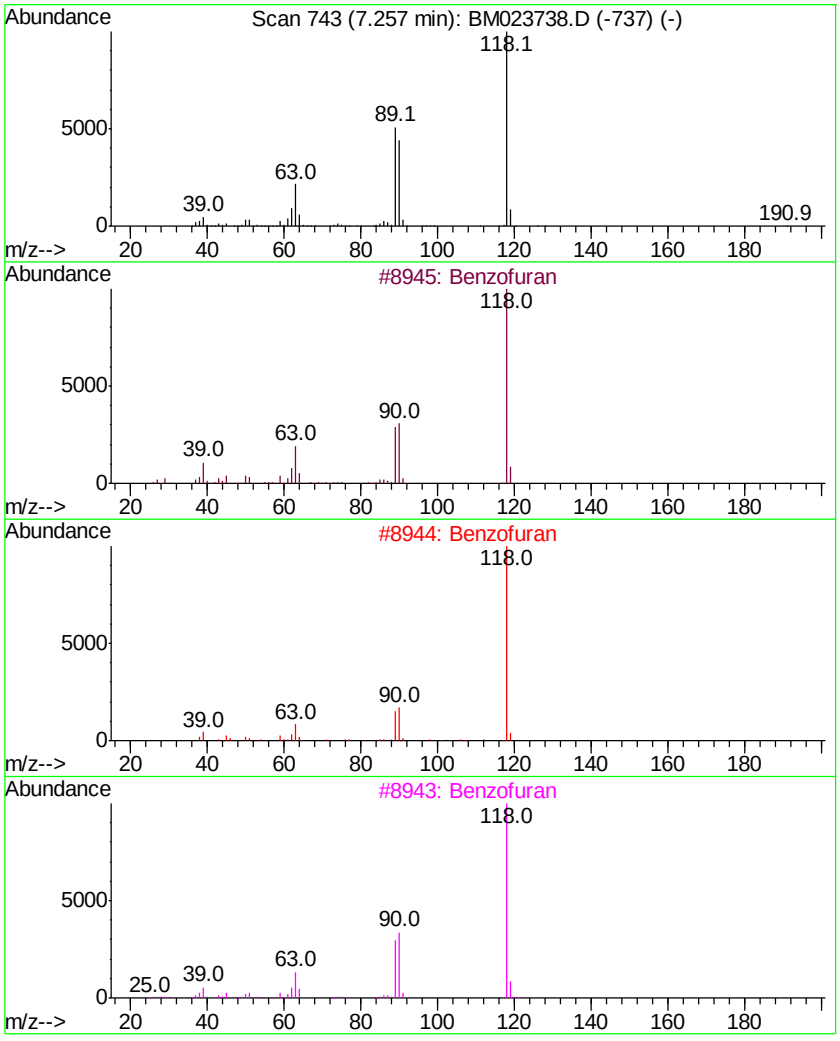
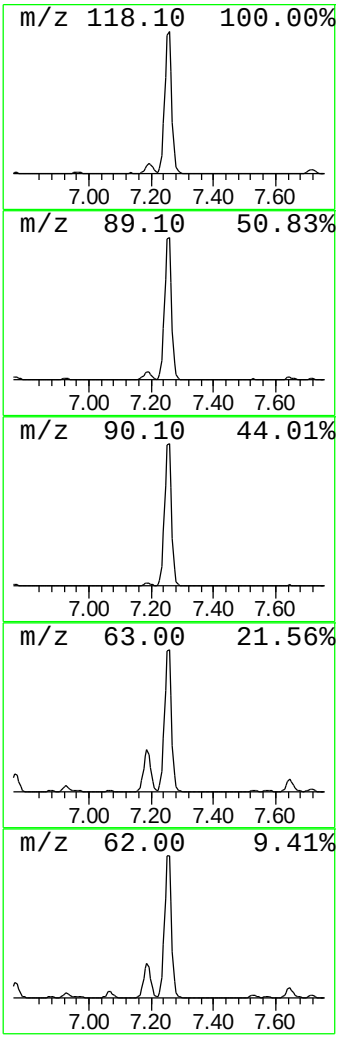
Peak Number 7 Benzofuran Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	40.81 ng/ul	11951700	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	87
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40





Library Search Compound Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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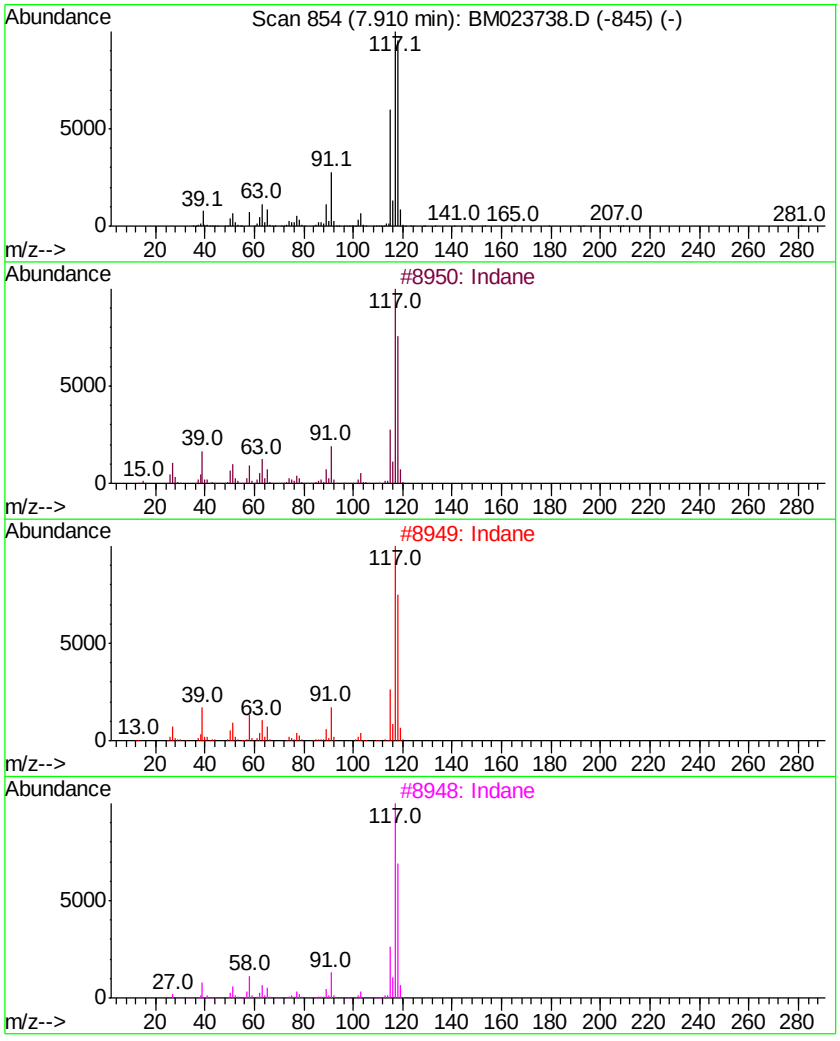
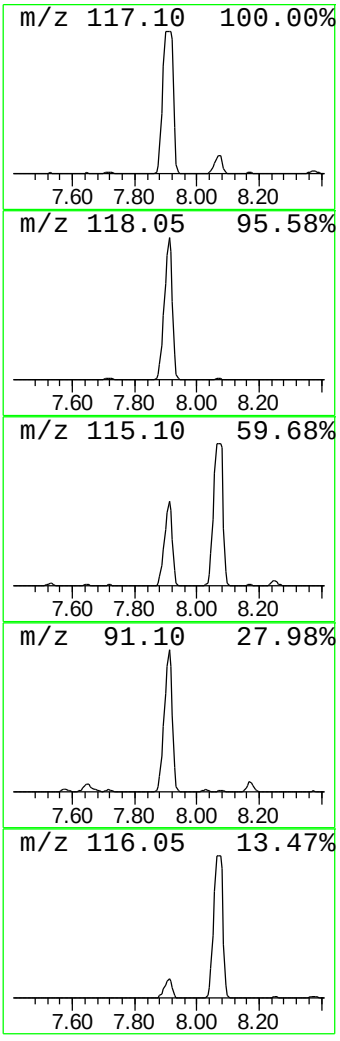
Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	247.17 ng/ul	72387200	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76





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ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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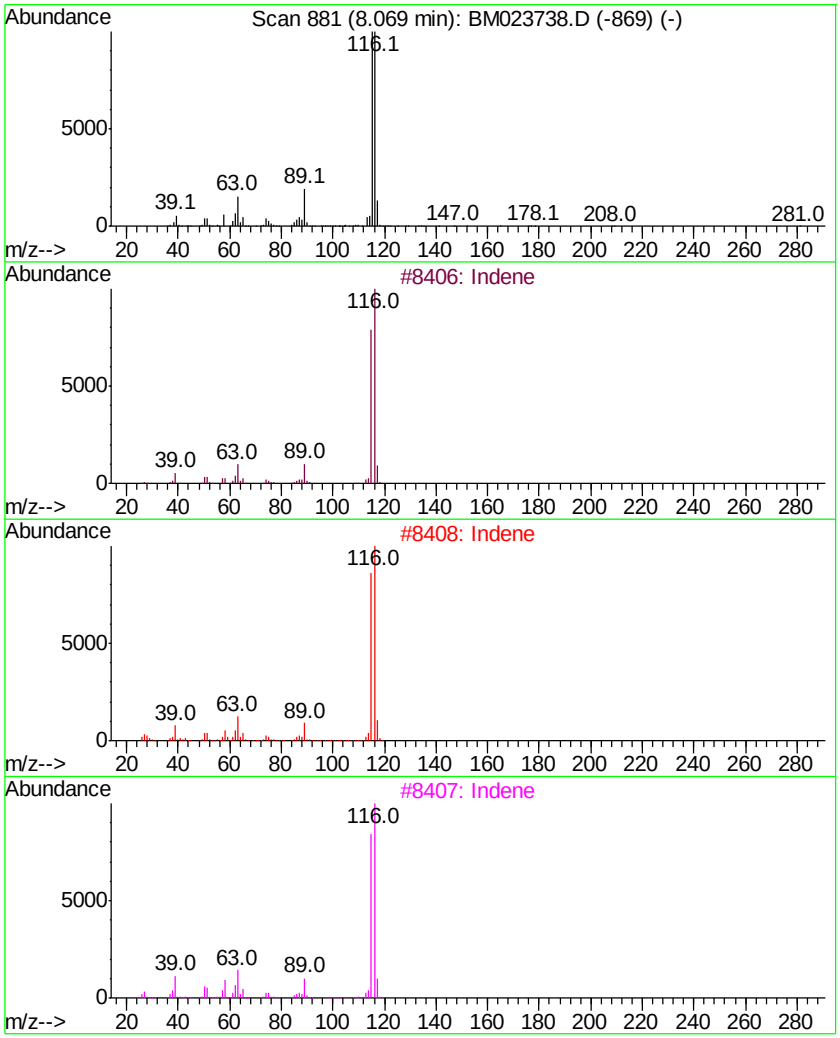
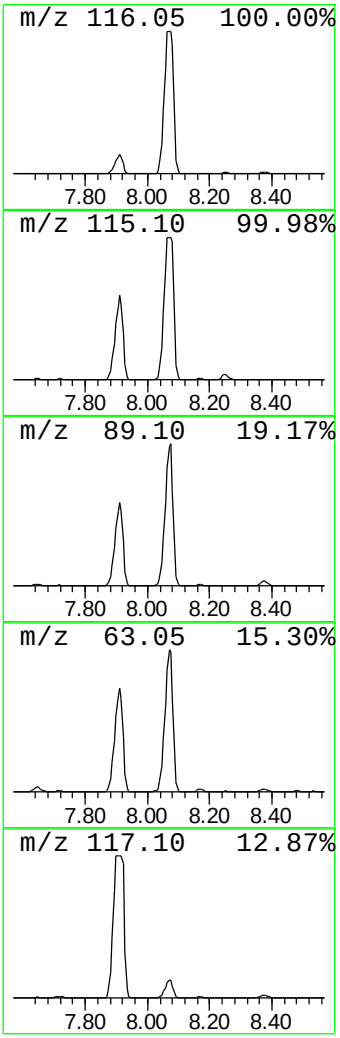
Peak Number 10 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	202.43 ng/ul	59285800	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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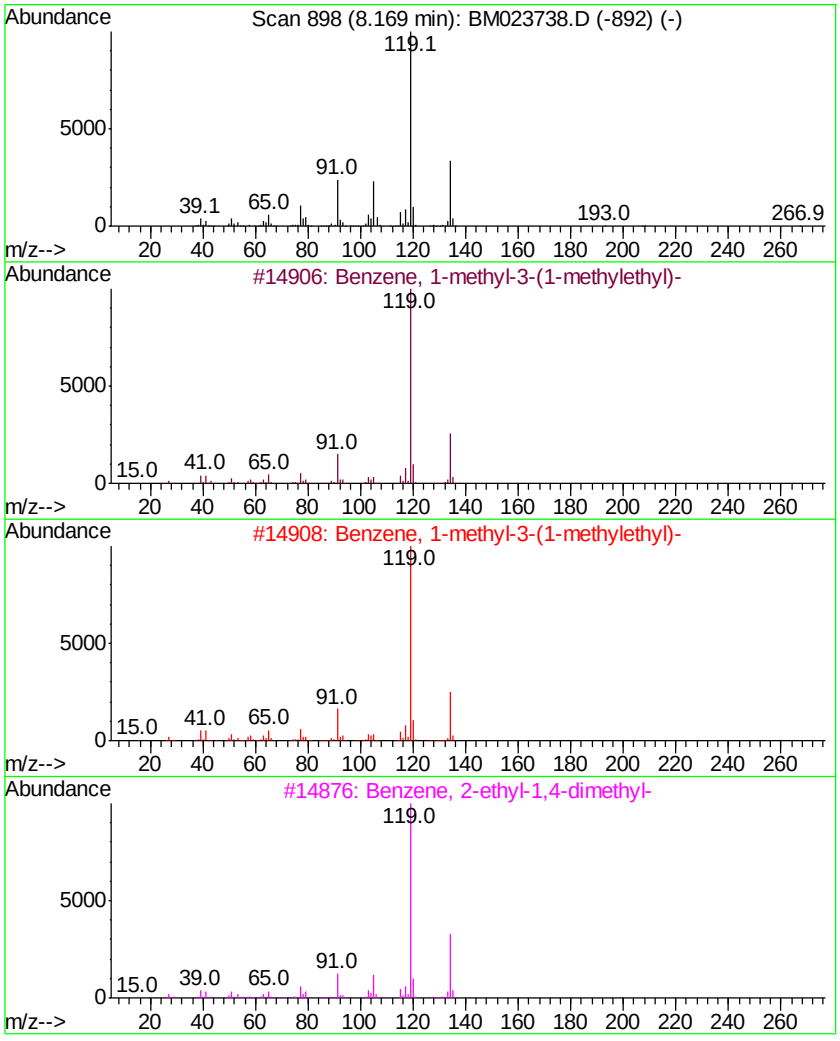
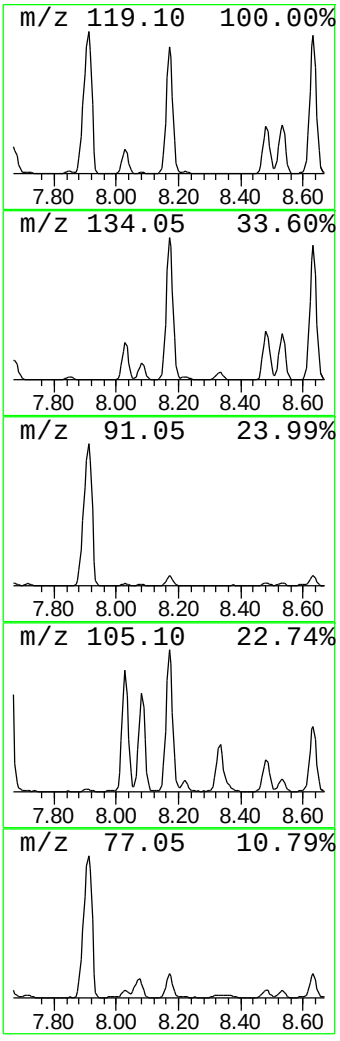
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	10.20 ng/ul	2987310	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	p-Cymene	134	C10H14	000099-87-6	91





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ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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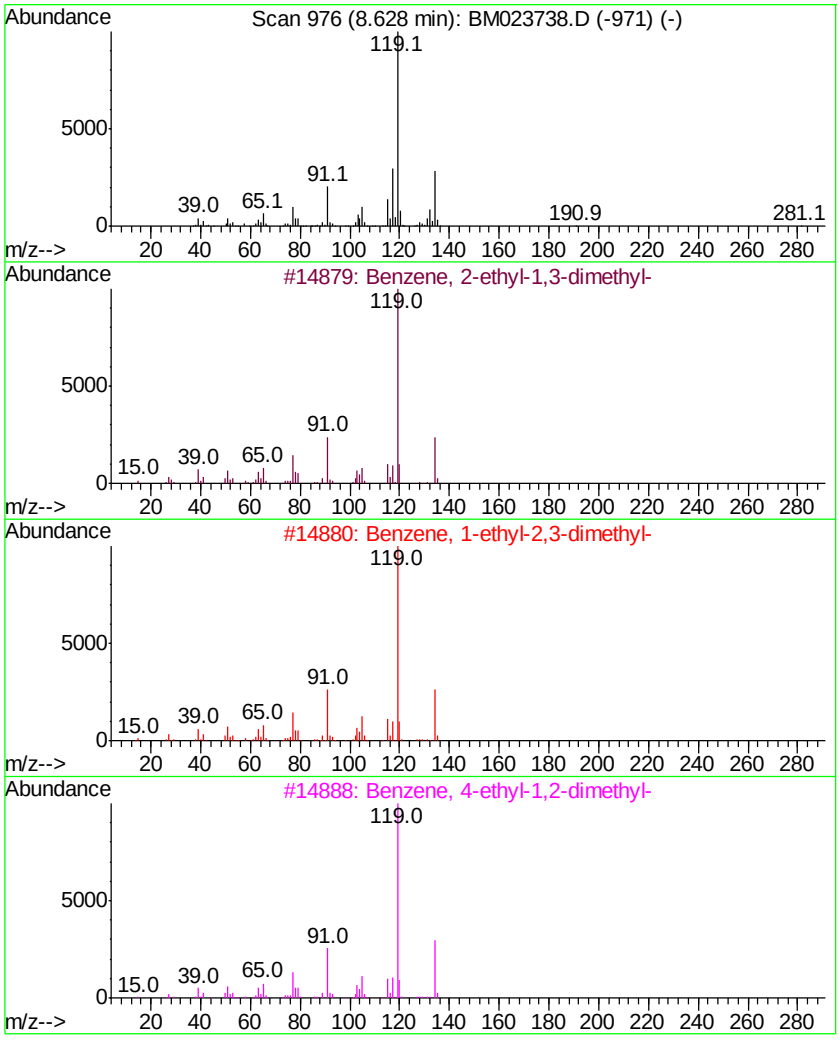
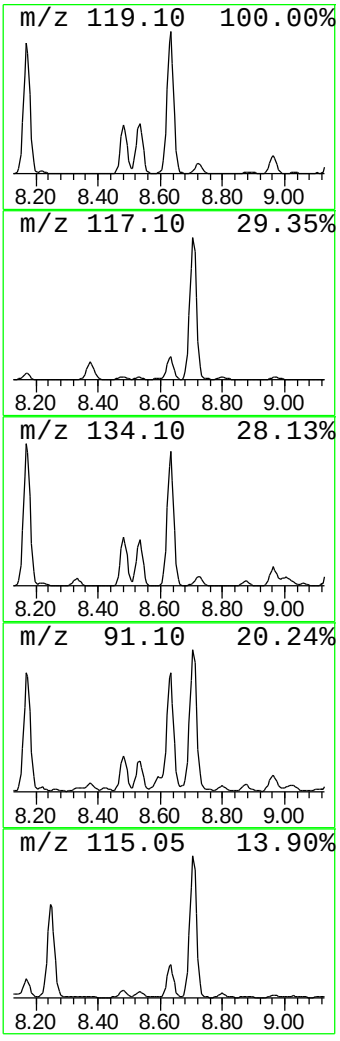
Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	12.39 ng/ul	3628550	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
5	p-Cymene	134	C10H14	000099-87-6	83





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ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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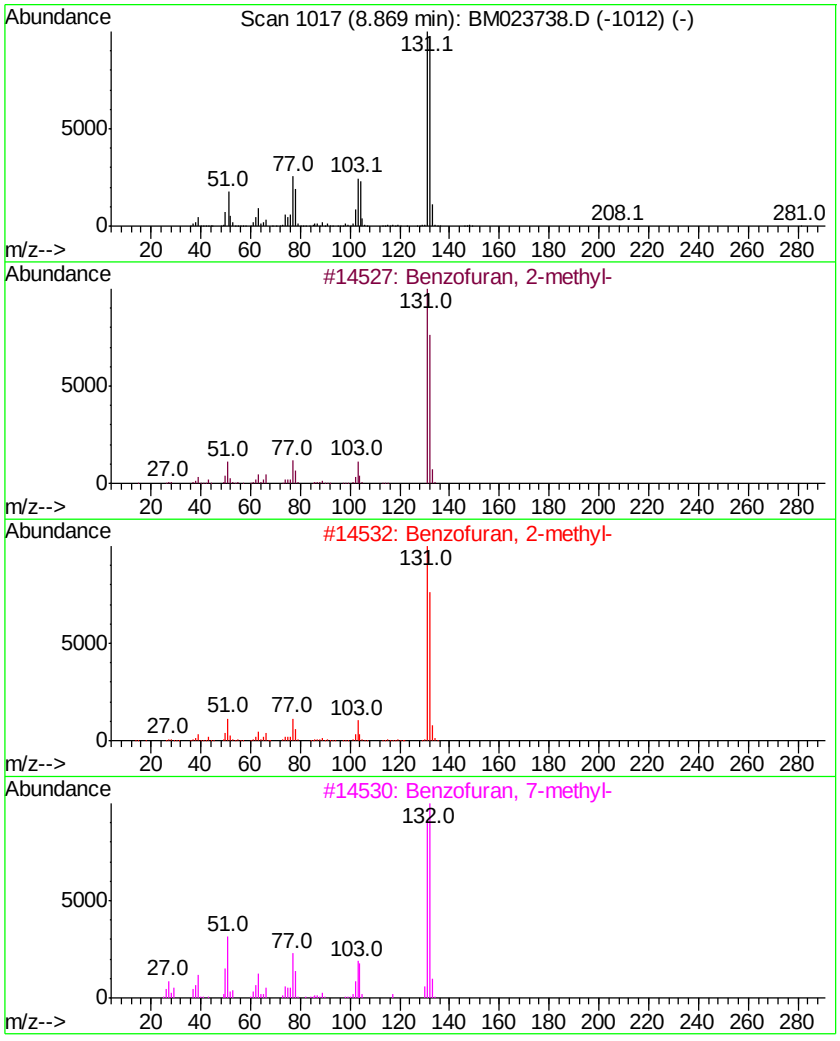
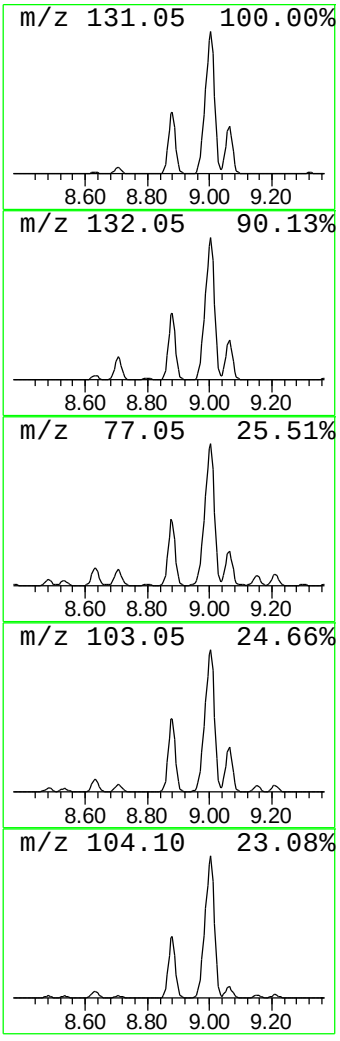
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	23.87 ng/ul	6991430	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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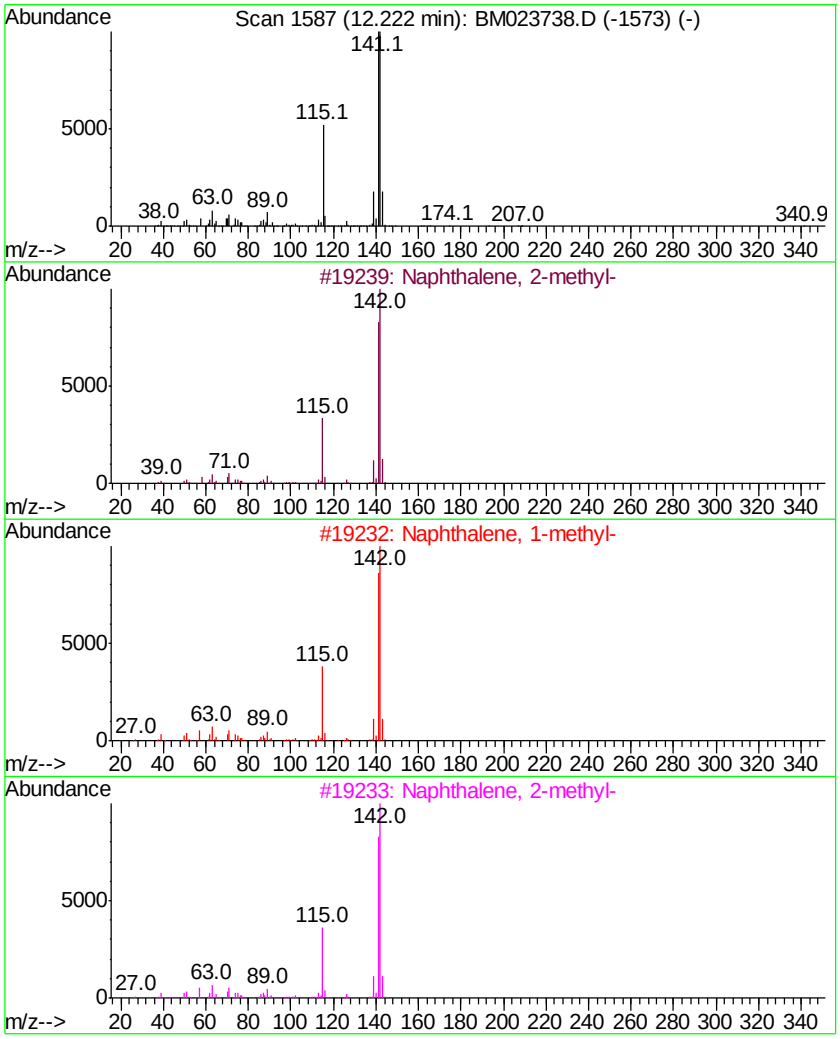
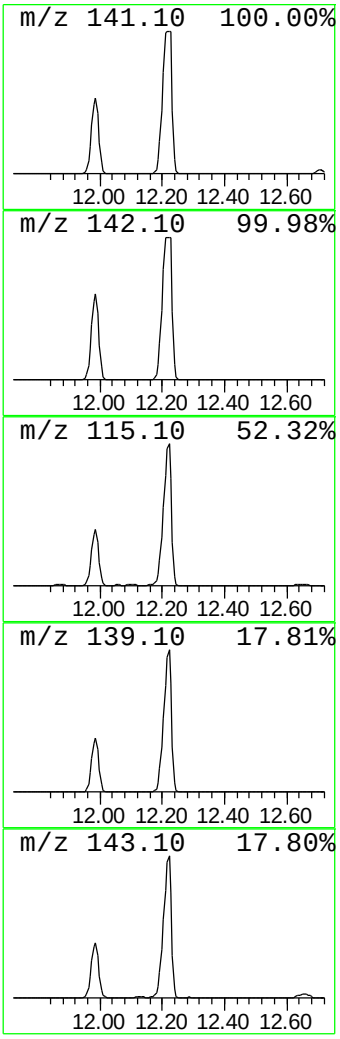
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.42 ng/ul	75053300	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	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 Naphthalene, 1-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	16.00 ng/ul	6763360	Acenaphthene-d10	14.19

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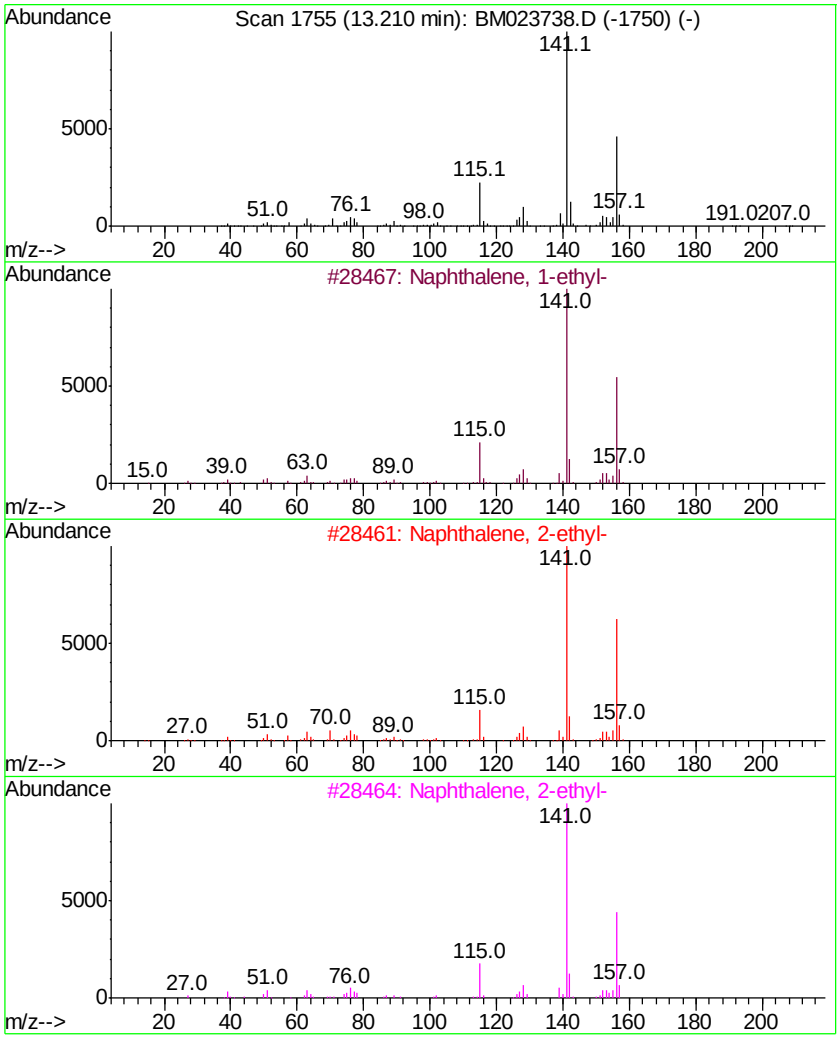
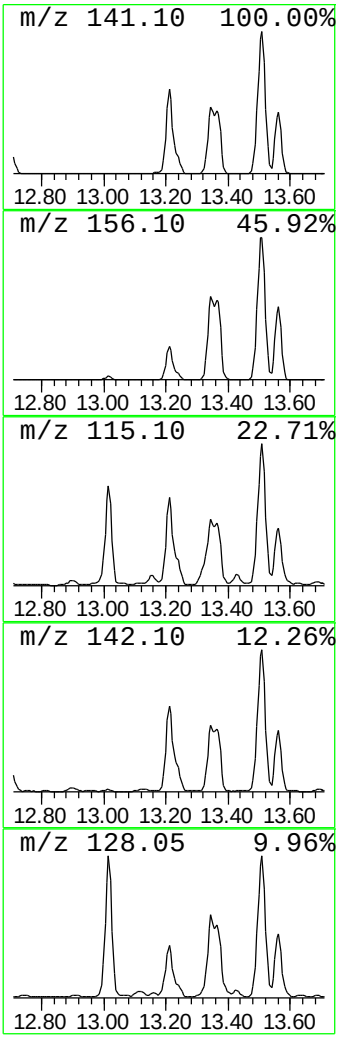
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





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Quant Title : SVOA CALIBRATION

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

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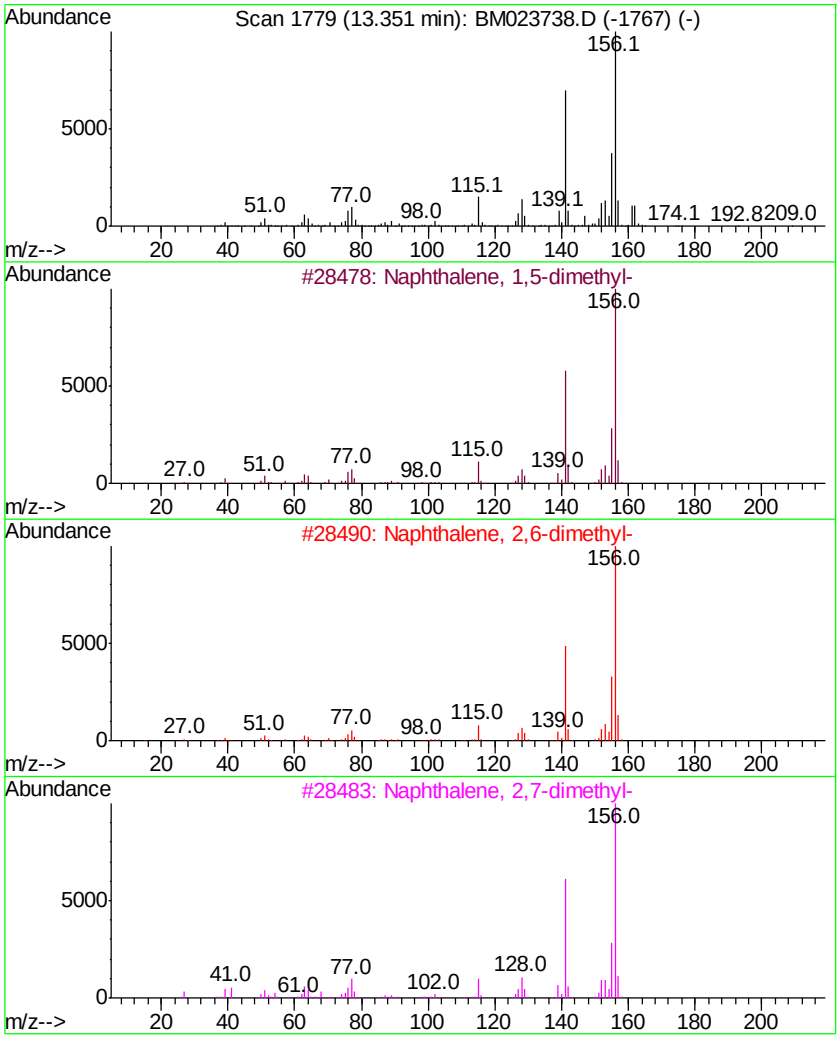
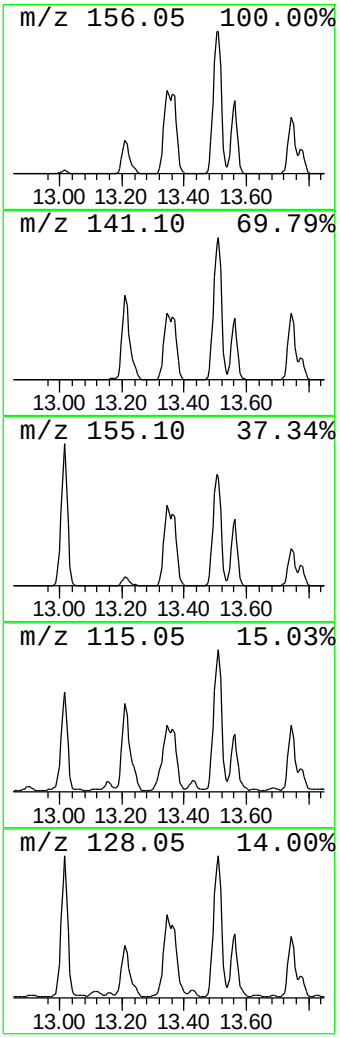
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	22.82 ng/ul	9645590	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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 17 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	38.14 ng/ul	16118100	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
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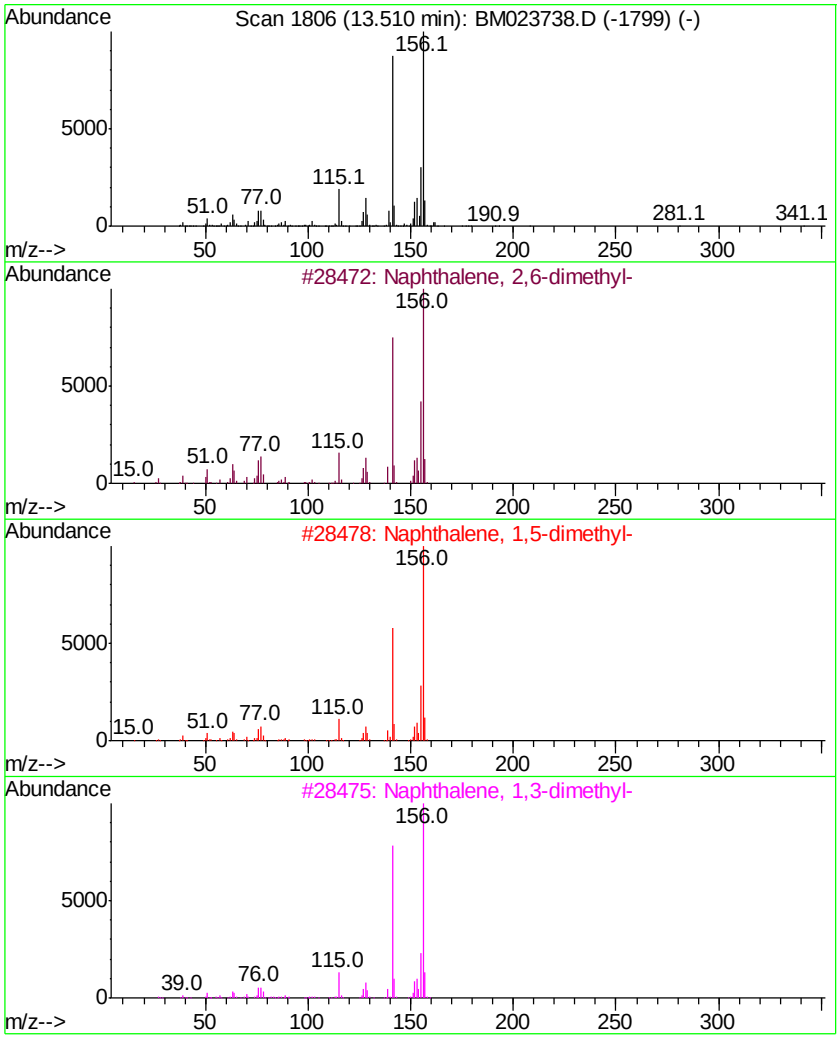

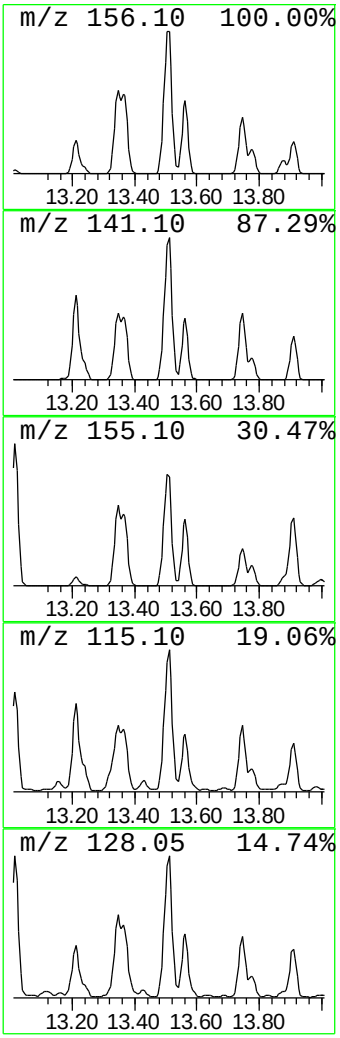

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Sample : K5700-16
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ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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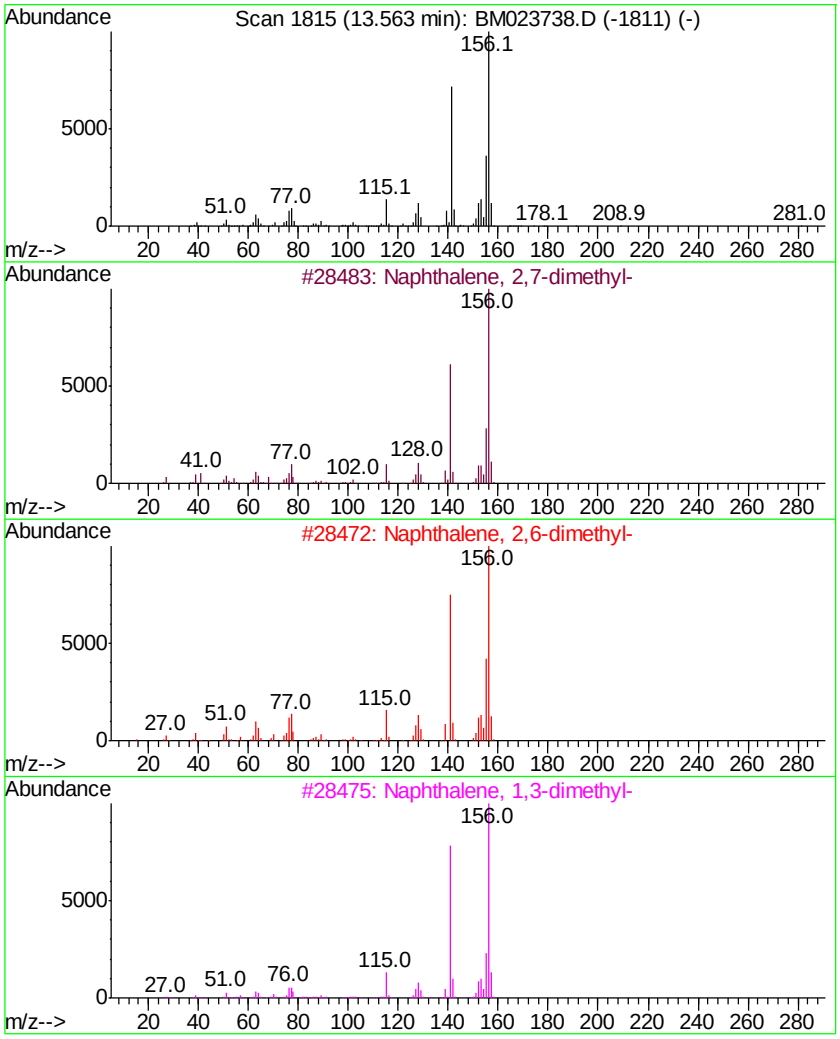
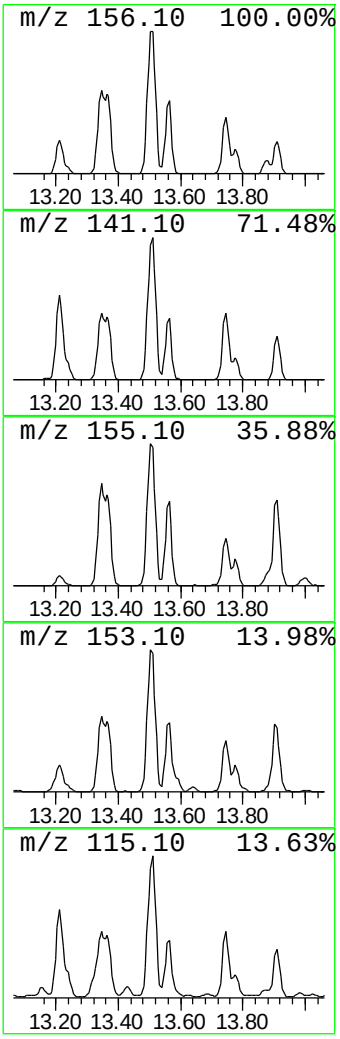
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	15.45 ng/ul	6528330	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Operator : JU
Sample : K5700-16
Misc :
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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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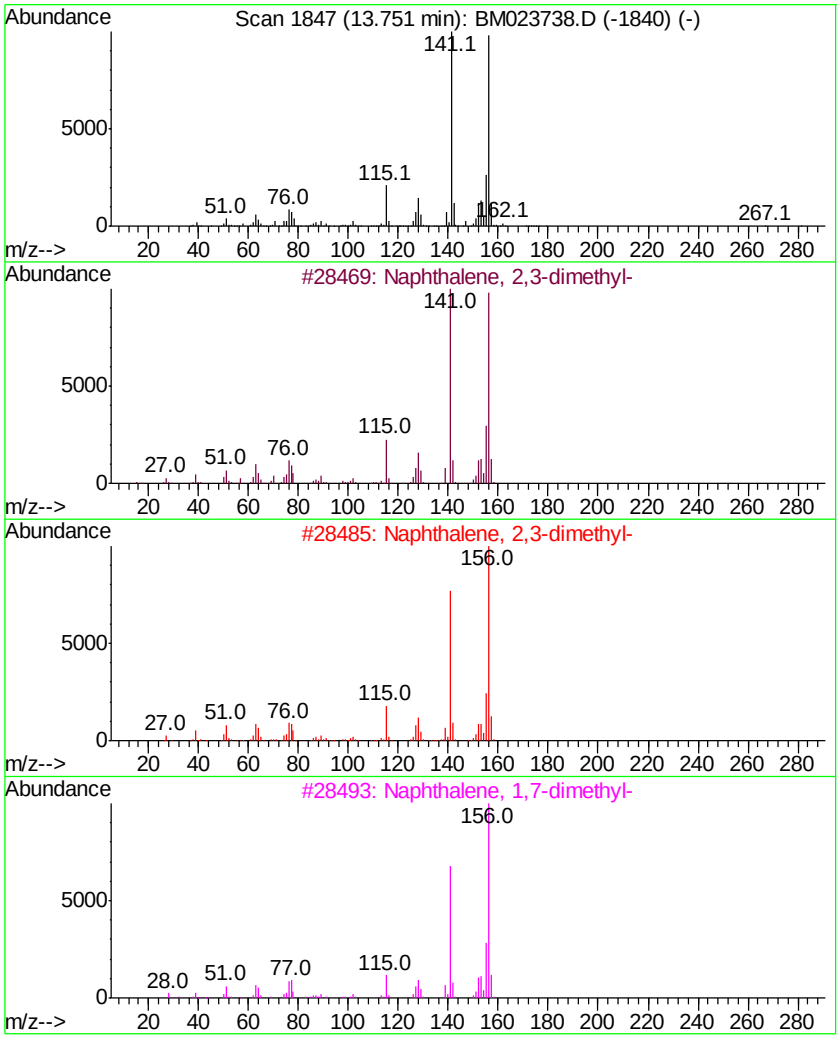
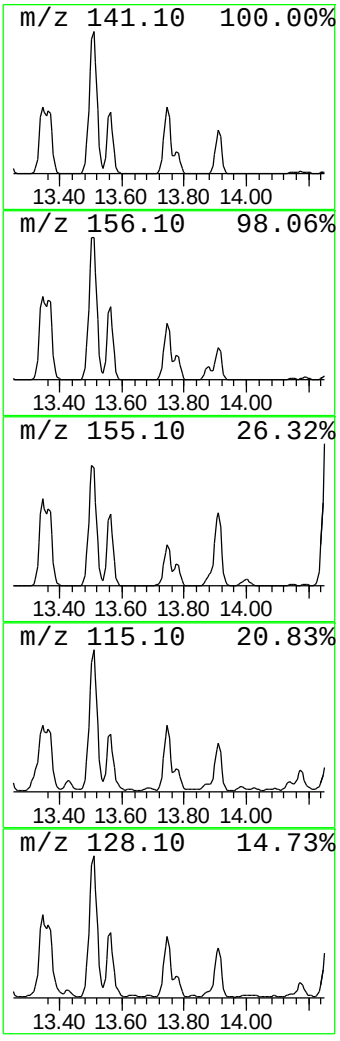
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	12.96 ng/ul	5477000	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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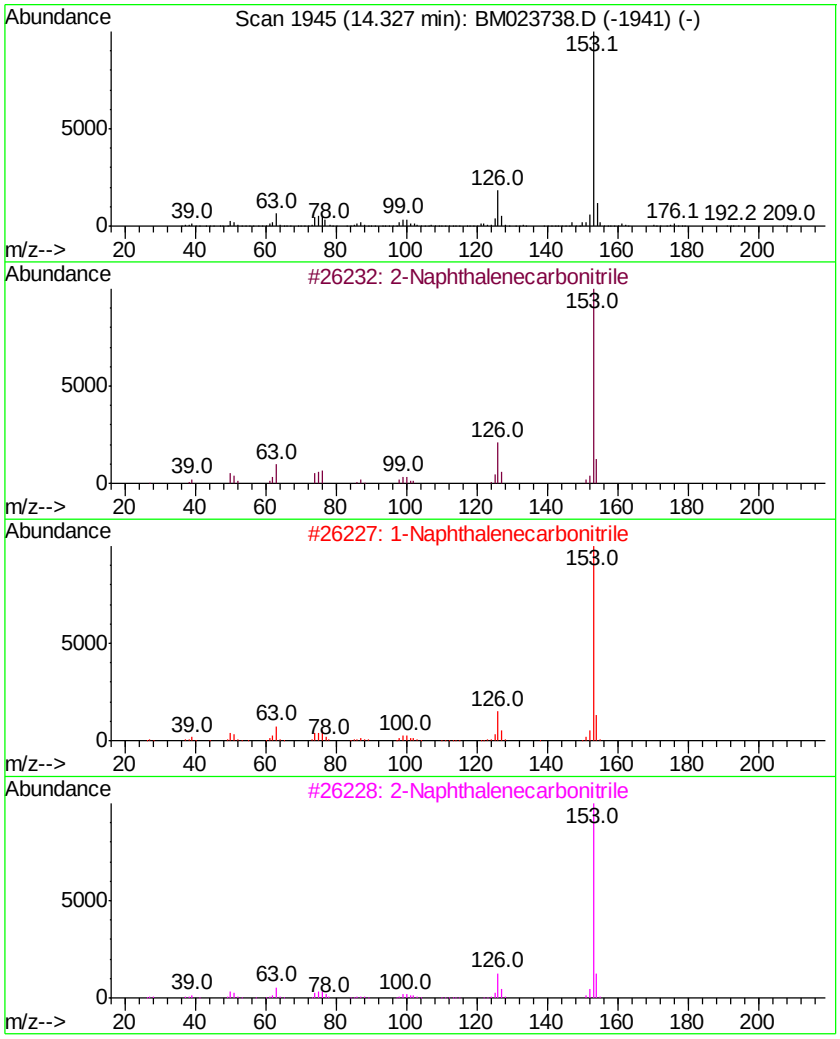
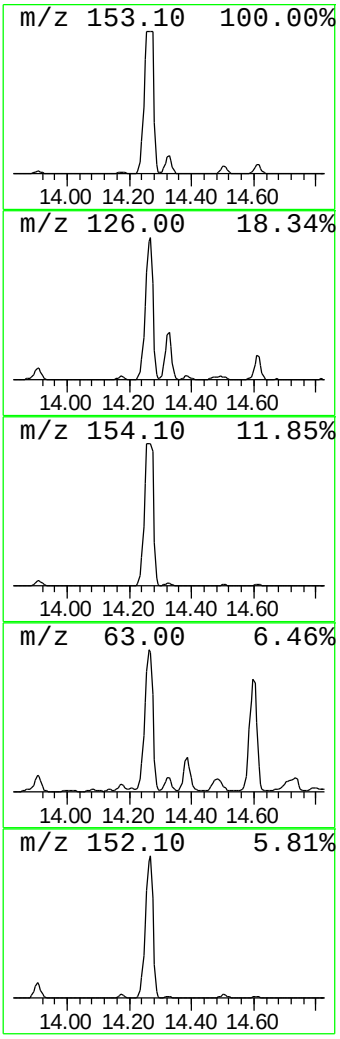
Peak Number 20 2-Naphthalenecarbonitrile Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	7.68 ng/ul	3246110	Acenaphthene-d10	14.19

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	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90





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ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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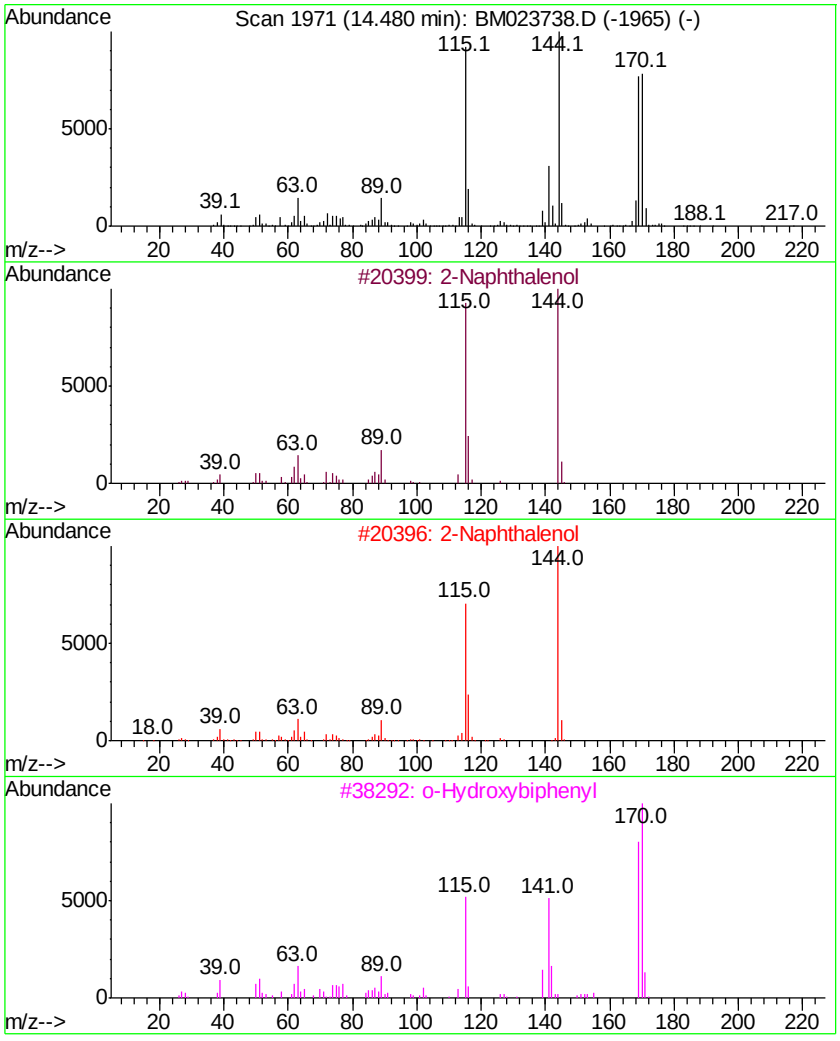
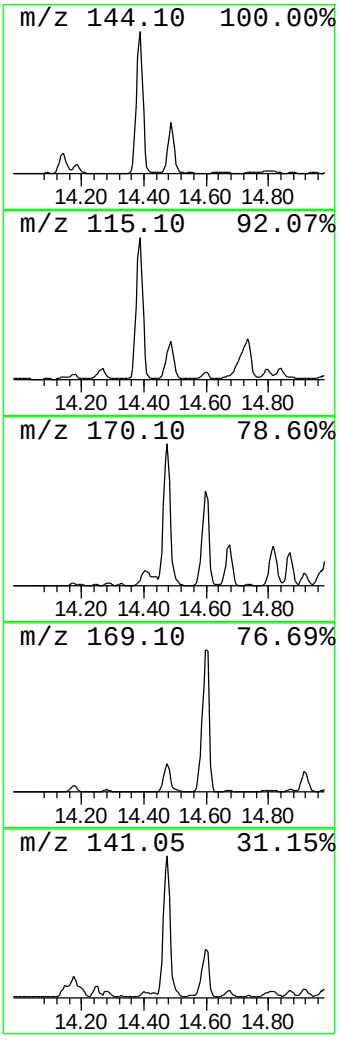
Peak Number 21 2-Naphthalenol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	15.59 ng/ul	6587780	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	84
2	2-Naphthalenol	144	C10H8O	000135-19-3	70
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	46
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	43
5	1-Naphthalenol	144	C10H8O	000090-15-3	42





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Misc :
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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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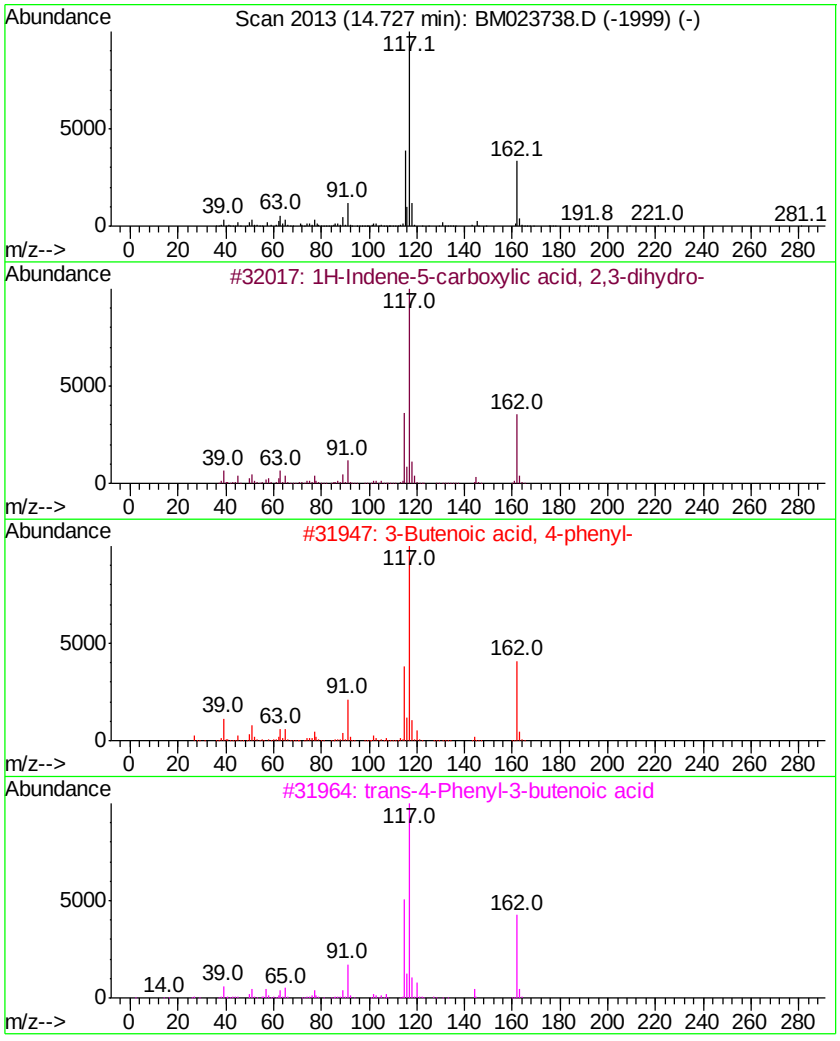
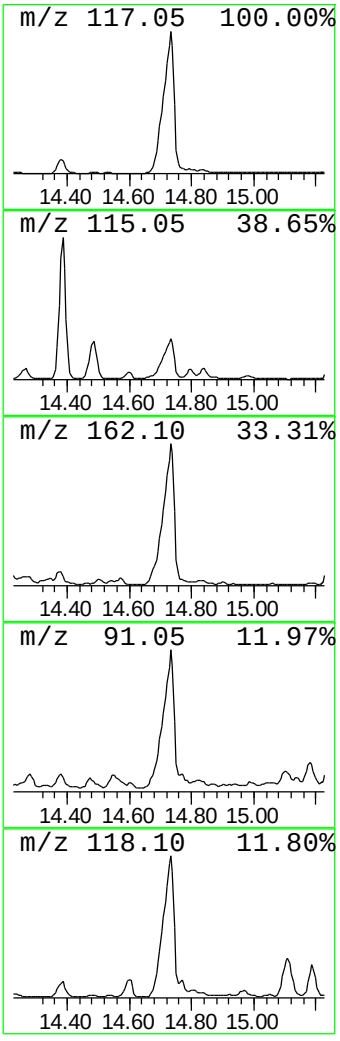
Peak Number 22 1H-Indene-5-carboxylic acid... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	22.83 ng/ul	9647950	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	93
2	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	80
3	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	76
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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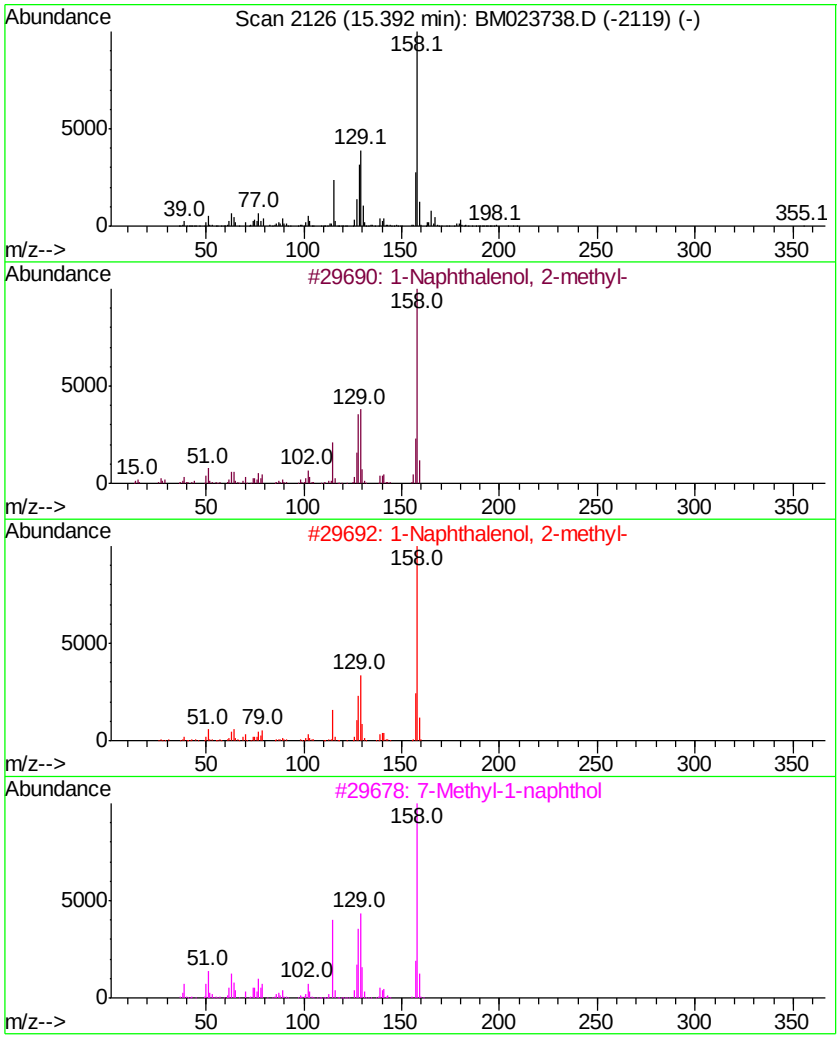
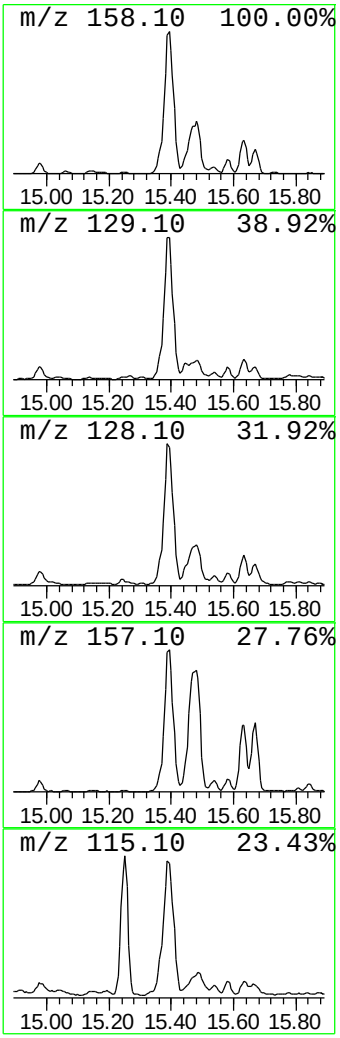
Peak Number 23 1-Naphthalenol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	39.15 ng/ul	16545700	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	94
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	93
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	90
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64
5	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	47





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Quant Title : SVOA CALIBRATION

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

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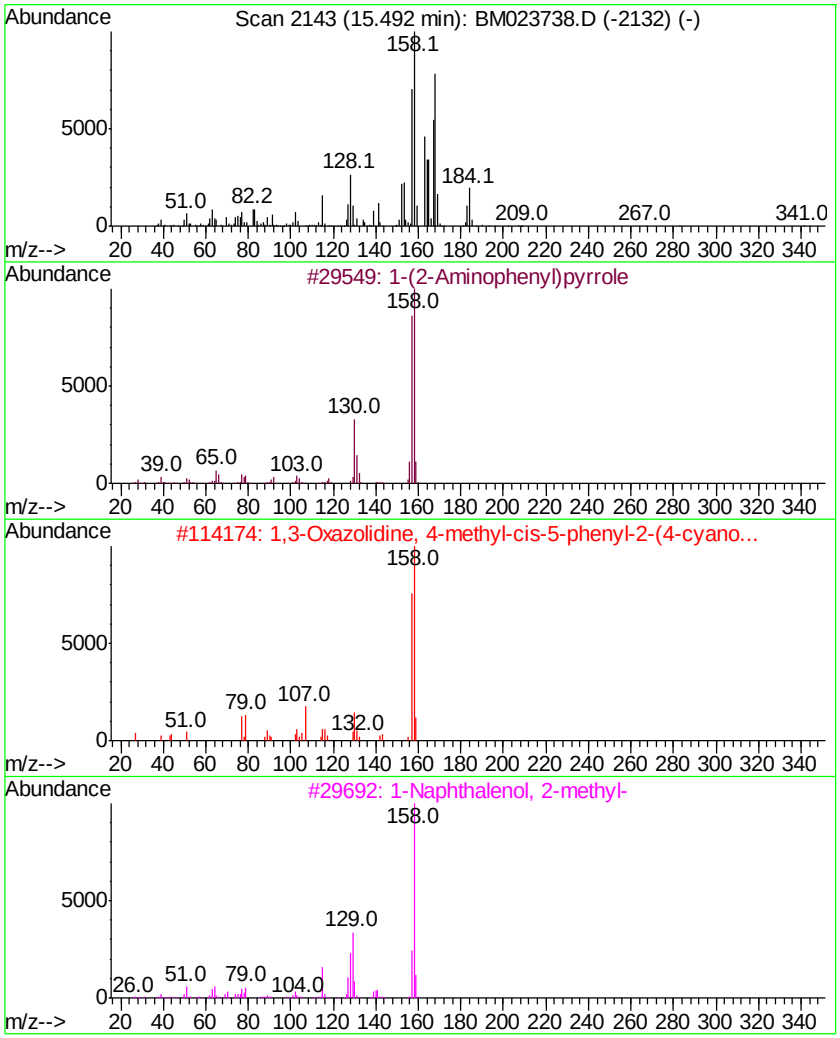
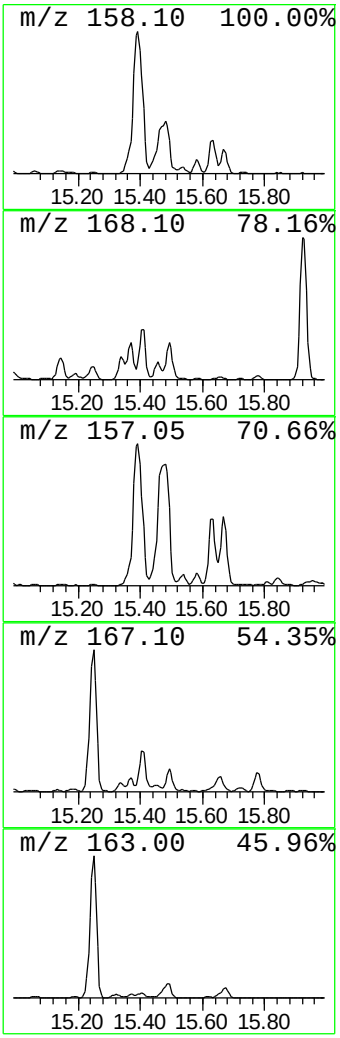
Peak Number 24 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	20.79 ng/ul	8787070	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Aminophenyl)pyrrole	158	C10H10N2	006025-60-1	38
2	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	38
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	38
4	Benzaldehyde, 2,6-difluoro-3-hyd...	158	C7H4F2O2	152434-88-3	38
5	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	35





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Instrument : BNA_M
ClientSampleId : BEGY8

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Quant Title : SVOA CALIBRATION

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

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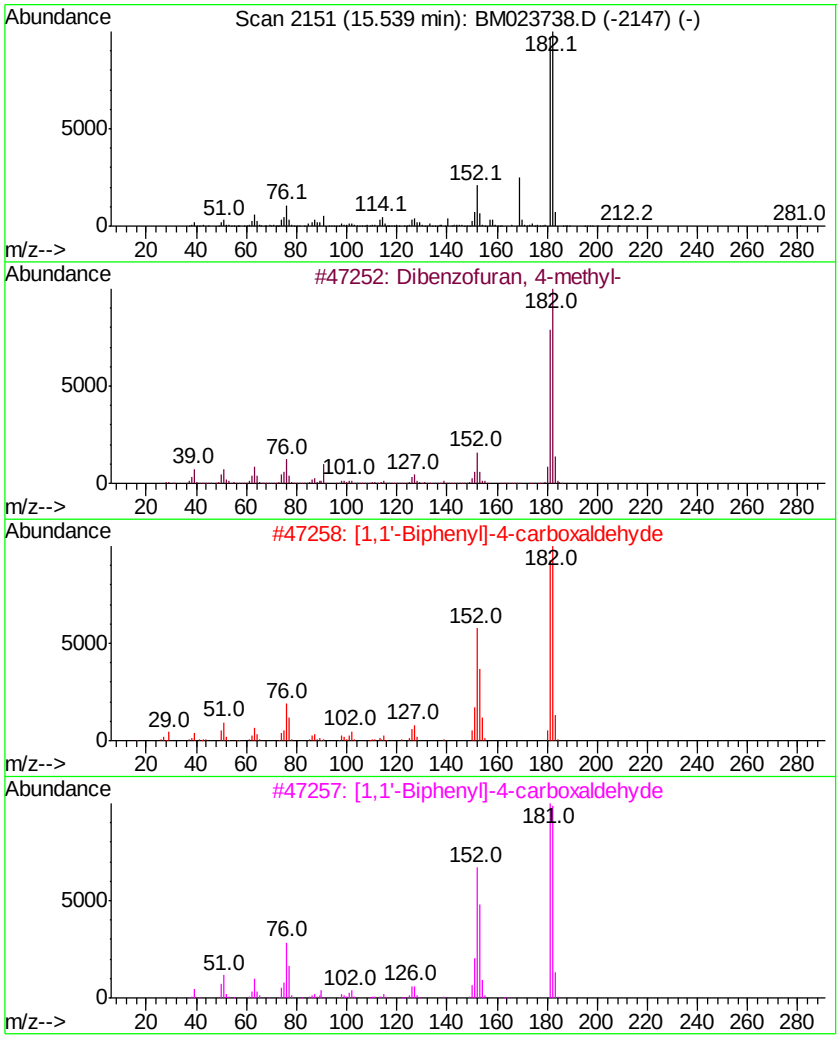
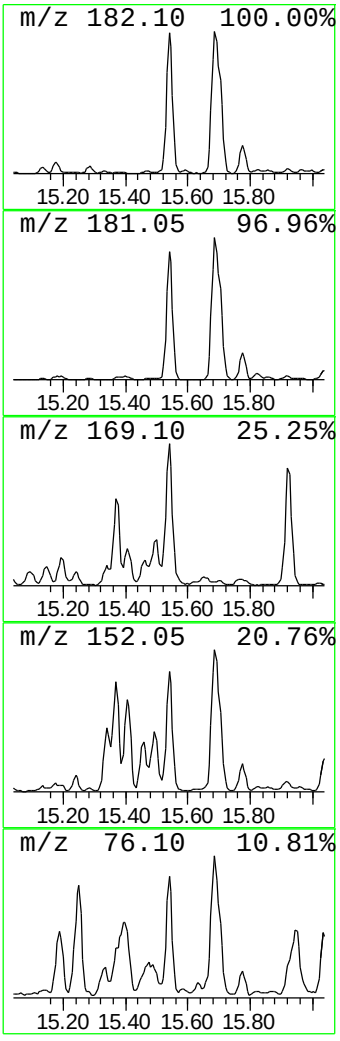
Peak Number 25 Dibenzofuran, 4-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.99 ng/ul	3798210	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	9H-Xanthene	182	C13H10O	000092-83-1	53
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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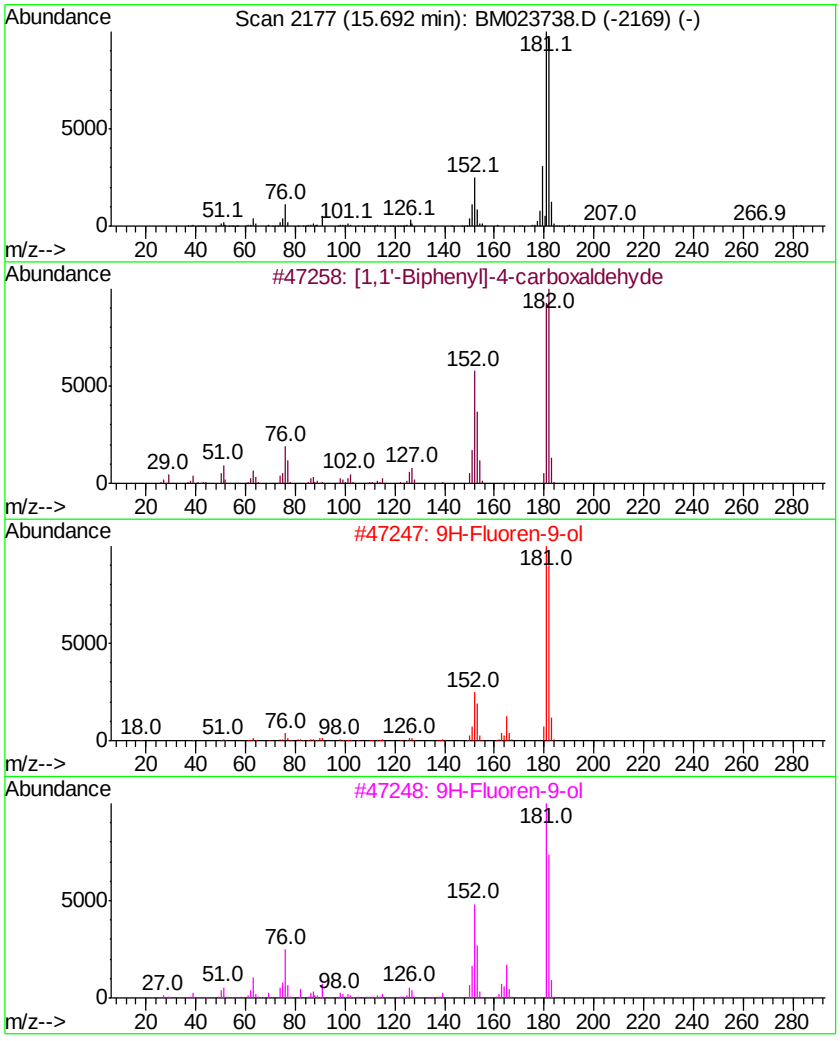
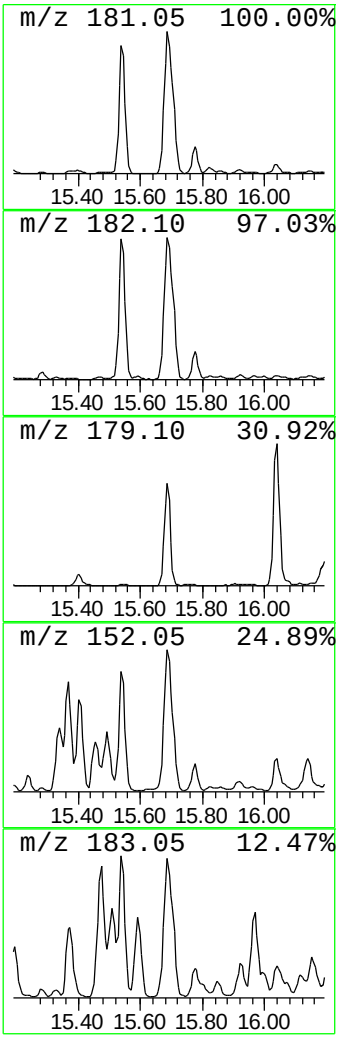
Peak Number 26 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	25.67 ng/ul	7726220	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





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Quant Title : SVOA CALIBRATION

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

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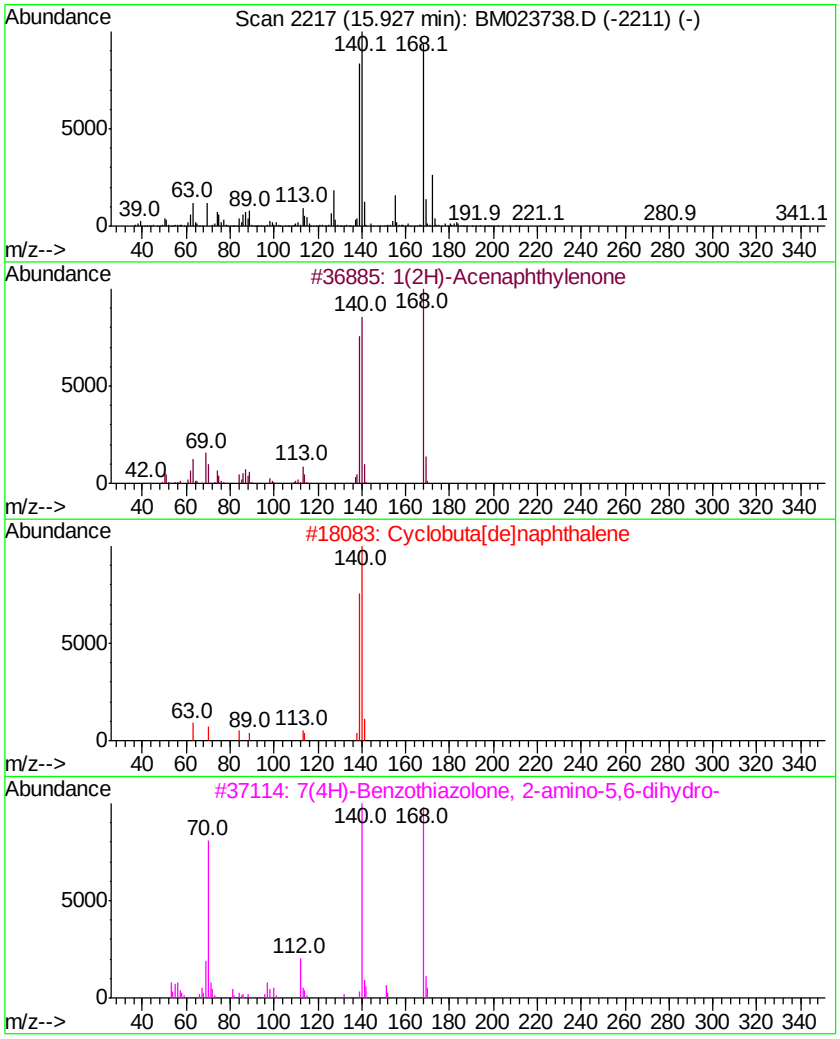
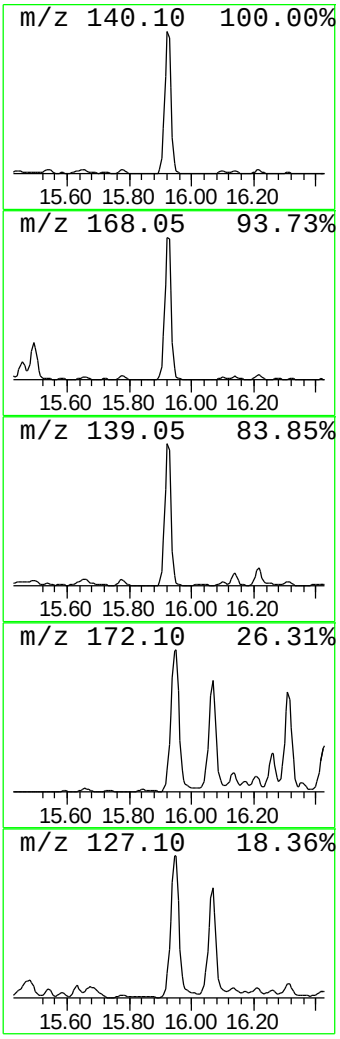
Peak Number 27 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	29.54 ng/ul	8892240	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	47
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	47
5	Dibenzofuran	168	C12H8O	000132-64-9	46





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Quant Title : SVOA CALIBRATION

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

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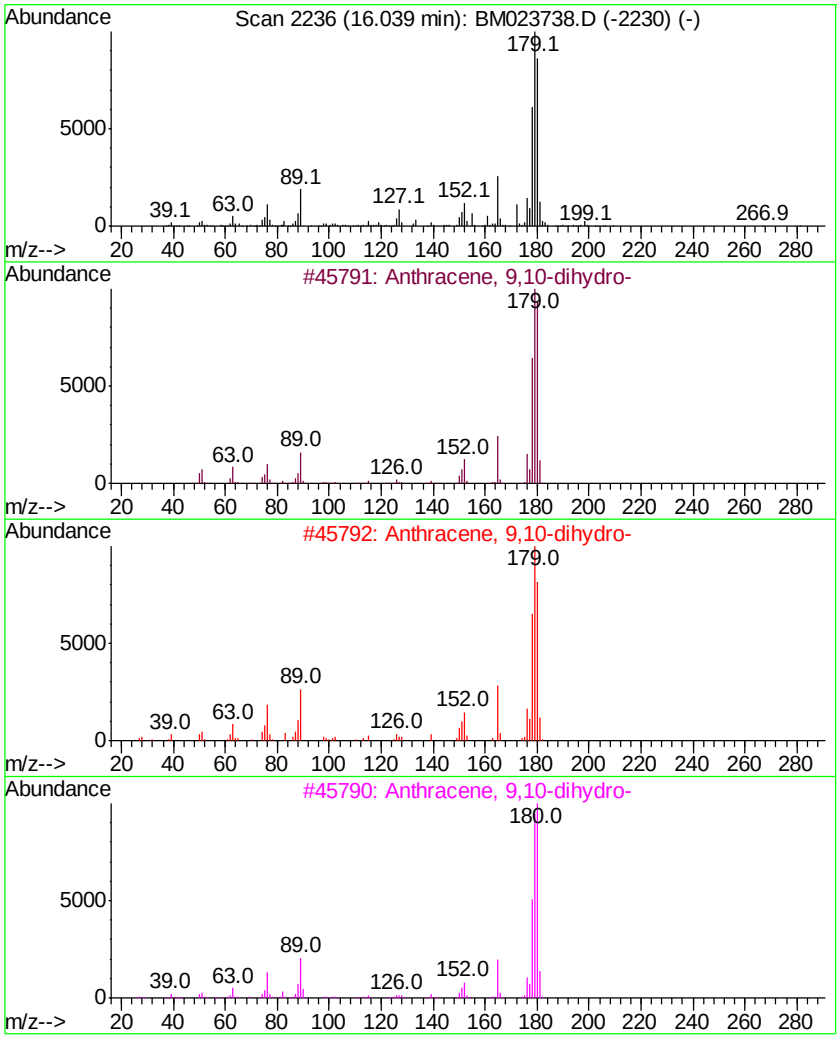
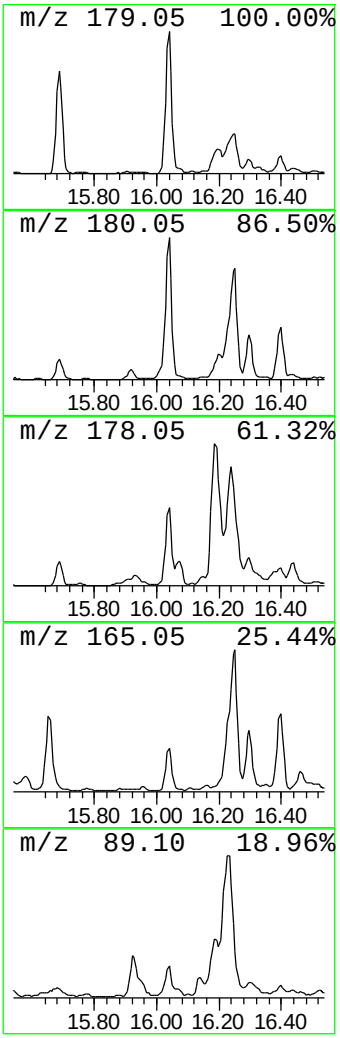
Peak Number 28 Anthracene, 9,10-dihydro- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	8.03 ng/ul	2417000	Phenanthrene-d10	16.94

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	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93





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Quant Title : SVOA CALIBRATION

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

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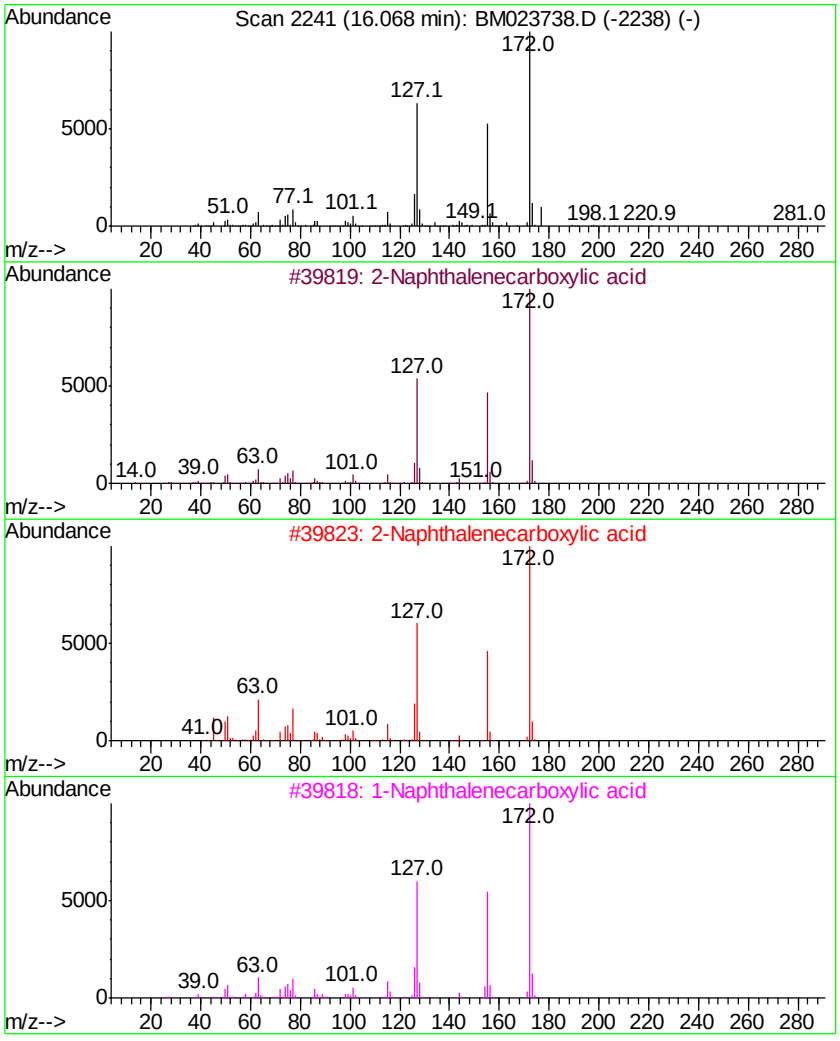
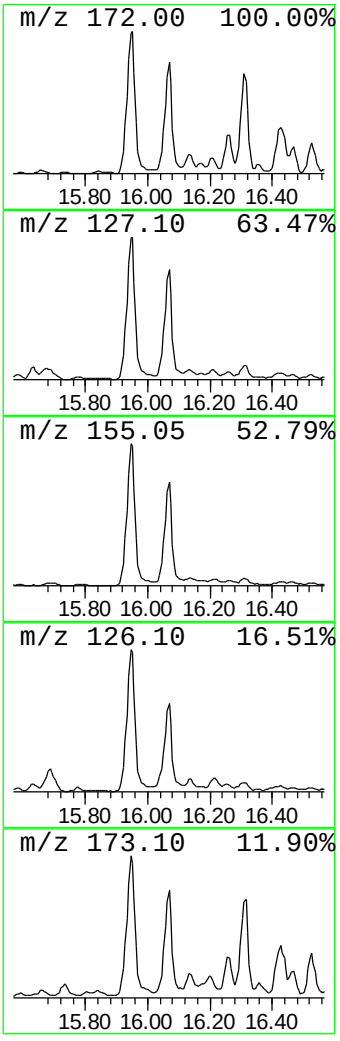
Peak Number 29 2-Naphthalenecarboxylic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	11.10 ng/ul	3342860	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	94
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	87
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	87





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Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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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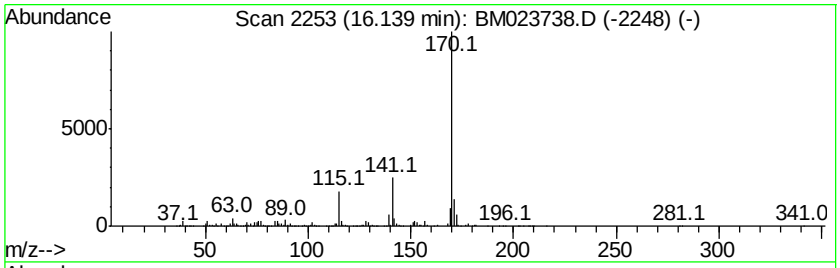
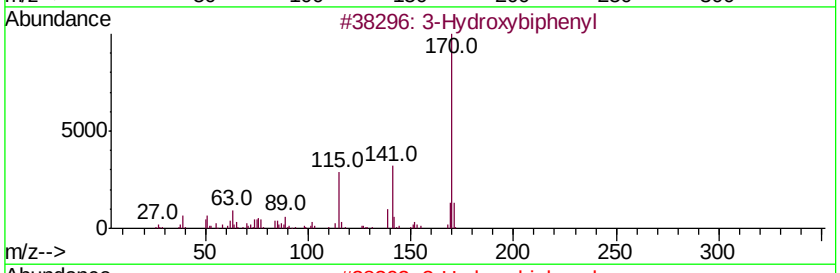
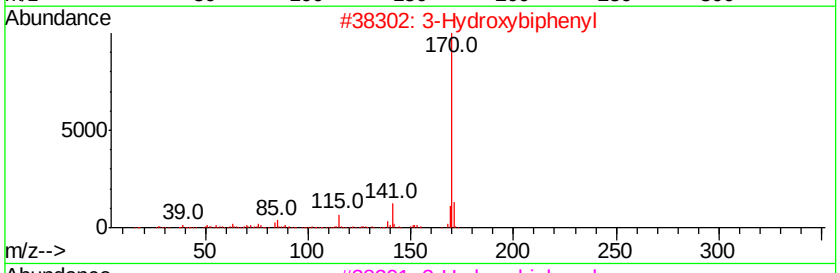
Peak Number 30 3-Hydroxybiphenyl Concentration Rank 36

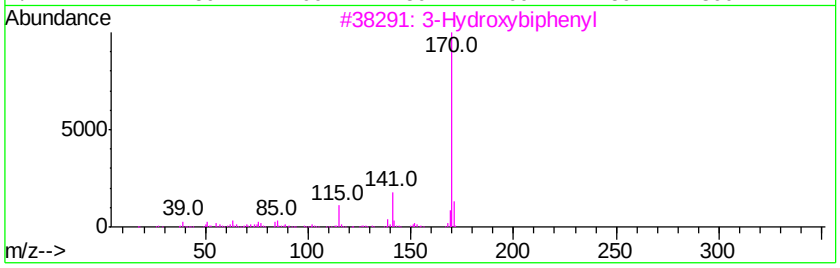
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	14.54 ng/ul	4376070	Phenanthrene-d10	16.94

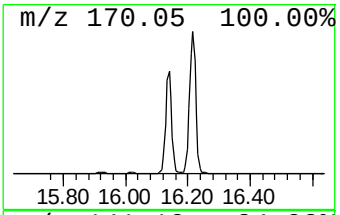
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90

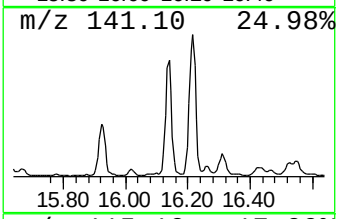


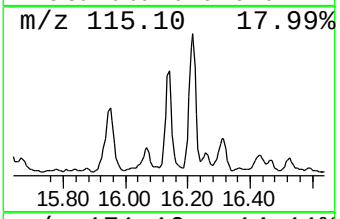


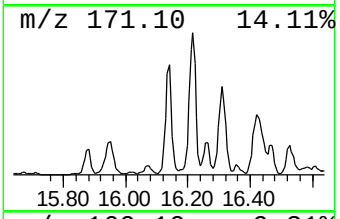


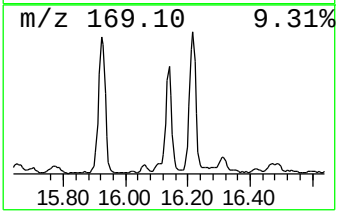












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Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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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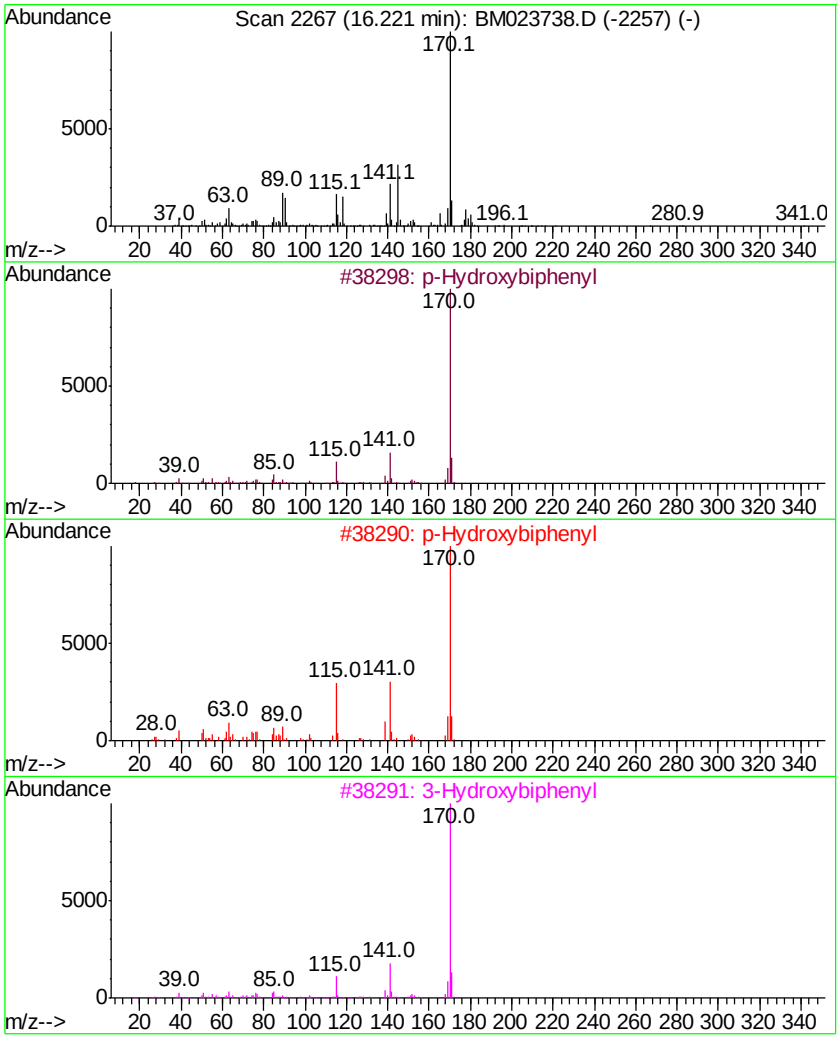
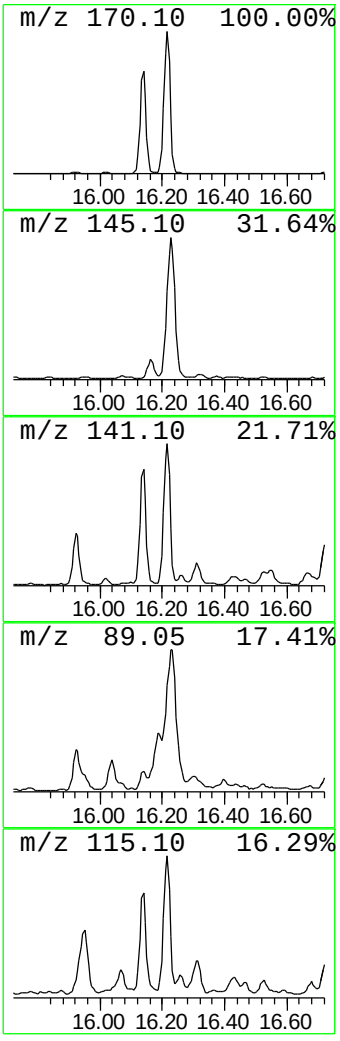
Peak Number 31 p-Hydroxybiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	51.91 ng/ul	15624900	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	87
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	87
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

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	43.0	ng/ul	12585400	1	7.53	5857330	20.0
p-Xylene	5.20	58.2	ng/ul	17053300	1	7.53	5857330	20.0
Benzene, 1,3-dime...	5.56	37.7	ng/ul	11039700	1	7.53	5857330	20.0
Benzene, 1-ethyl-...	6.63	15.7	ng/ul	4608600	1	7.53	5857330	20.0
Benzene, 1-ethyl-...	6.93	7.6	ng/ul	2216020	1	7.53	5857330	20.0
Benzene, 1,2,3-tr...	7.19	69.5	ng/ul	20365300	1	7.53	5857330	20.0
Benzofuran	7.26	40.8	ng/ul	11951700	1	7.53	5857330	20.0
Indane	7.91	247.2	ng/ul	72387200	1	7.53	5857330	20.0
Indene	8.07	202.4	ng/ul	59285800	1	7.53	5857330	20.0
Benzene, 1-methyl...	8.17	10.2	ng/ul	2987310	1	7.53	5857330	20.0
Benzene, 2-ethyl-...	8.63	12.4	ng/ul	3628550	1	7.53	5857330	20.0
Benzofuran, 2-met...	8.87	23.9	ng/ul	6991430	1	7.53	5857330	20.0
Naphthalene, 1-me...	12.22	5.4	ng/ul	75053300	2	10.35	276893000	20.0
Naphthalene, 1-et...	13.21	16.0	ng/ul	6763360	3	14.19	8453140	20.0
Naphthalene, 1,5-...	13.35	22.8	ng/ul	9645590	3	14.19	8453140	20.0
Naphthalene, 2,6-...	13.51	38.1	ng/ul	16118100	3	14.19	8453140	20.0
Naphthalene, 2,7-...	13.56	15.4	ng/ul	6528330	3	14.19	8453140	20.0
Naphthalene, 2,3-...	13.75	13.0	ng/ul	5477000	3	14.19	8453140	20.0
2-Naphthalenecarb...	14.33	7.7	ng/ul	3246110	3	14.19	8453140	20.0
2-Naphthalenol	14.48	15.6	ng/ul	6587780	3	14.19	8453140	20.0
1H-Indene-5-carbo...	14.73	22.8	ng/ul	9647950	3	14.19	8453140	20.0
1-Naphthalenol, 2...	15.39	39.1	ng/ul	16545700	3	14.19	8453140	20.0
unknown-01	15.49	20.8	ng/ul	8787070	3	14.19	8453140	20.0
Dibenzofuran, 4-m...	15.54	9.0	ng/ul	3798210	3	14.19	8453140	20.0
[1,1'-Biphenyl]-4...	15.69	25.7	ng/ul	7726220	4	16.94	6020510	20.0
1(2H)-Acenaphthyl...	15.93	29.5	ng/ul	8892240	4	16.94	6020510	20.0
Anthracene, 9,10-...	16.04	8.0	ng/ul	2417000	4	16.94	6020510	20.0
2-Naphthalenecarb...	16.07	11.1	ng/ul	3342860	4	16.94	6020510	20.0
3-Hydroxybiphenyl	16.14	14.5	ng/ul	4376070	4	16.94	6020510	20.0
p-Hydroxybiphenyl	16.22	51.9	ng/ul	15624900	4	16.94	6020510	20.0