LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	336	343	352	rBV	665869	941033	0.36%	0.120%
2	5.034	359	365	378	rBV	1029226	1900687	0.72%	0.242%
3	5.392	417	426	439	rBV	676698	1004805	0.38%	0.128%
4	6.451	600	606	611	rBV	639829	915330	0.35%	0.117%
5	6.510	611	616	619	rVV	300909	444282	0.17%	0.057%
6	6.587	624	629	638	rVB	762295	1114186	0.42%	0.142%
7	6.692	640	647	653	rBV	551628	879623	0.34%	0.112%
8	6.881	669	679	687	rBV	591152	1014502	0.39%	0.129%
9	6.998	693	699	706	rBV	2102834	3205590	1.22%	0.409%
10	7.063	706	710	721	rVB	333704	569635	0.22%	0.073%
11	7.339	751	757	762	rBV	635006	971136	0.37%	0.124%
12	7.457	770	777	779	rVV	712799	1138353	0.43%	0.145%
13	7.486	779	782	787	rVV	1473911	2062112	0.79%	0.263%
14	7.710	812	820	831	rBV	7890406	12053209	4.59%	1.536%
15	7.875	838	848	861	rBV	21000878	33682436	12.83%	4.293%
16	7.981	861	866	872	rVV	308621	465895	0.18%	0.059%
17	8.063	874	880	889	rVB	427449	732456	0.28%	0.093%
18	8.439	938	944	947	rBV	374665	562553	0.21%	0.072%
19	8.480	947	951	954	rBV	543187	908593	0.35%	0.116%
20	8.569	961	966	977	rVB	629328	1014215	0.39%	0.129%
21	8.680	978	985	995	rVB	1079334	1691868	0.64%	0.216%
22	8.804	995	1006	1011	rBV	2398501	5091434	1.94%	0.649%
23	8.863	1011	1016	1023	rVV	767178	1214642	0.46%	0.155%
24	8.957	1027	1032	1037	rVV	321896	478590	0.18%	0.061%
25	9.016	1037	1042	1048	rVB	317183	480882	0.18%	0.061%
26	9.198	1064	1073	1077	rBV	563912	1033190	0.39%	0.132%
27	9.245	1077	1081	1089	rVB	506945	831881	0.32%	0.106%
28	9.363	1095	1101	1107	rVB	881172	1376195	0.52%	0.175%
29	9.527	1117	1129	1137	rBV4	2679607	7439365	2.83%	0.948%
30	9.610	1137	1143	1146	rVV	759838	1450458	0.55%	0.185%
31	9.651	1146	1150	1158	rVB	2012969	3435628	1.31%	0.438%
32	9.745	1158	1166	1186	rVB2	878805	2053318	0.78%	0.262%
33	10.227	1218	1248	1250	rBV5	50315420	262459187	100.00%	33.450%
34	10.298	1254	1260	1267	rVV	12948055	17979681	6.85%	2.292%

LSC Area Percent Report

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Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	10.527	1294	1299	1305	rVV2	245396	484703	0.18%	0.062%
36	10.945	1364	1370	1377	rBV	264436	428400	0.16%	0.055%
37	11.657	1485	1491	1503	rVB	1291018	2187404	0.83%	0.279%
38	11.792	1503	1514	1520	rBV2	37907705	76086869	28.99%	9.697%
39	11.892	1520	1531	1538	rVV	1415123	2993638	1.14%	0.382%
40	12.010	1538	1551	1563	rVV	24168318	42225951	16.09%	5.382%
41	12.439	1613	1624	1631	rBV	257449	481271	0.18%	0.061%
42	12.821	1681	1689	1701	rBV	8610123	12641572	4.82%	1.611%
43	13.015	1716	1722	1734	rVB	1765398	3222920	1.23%	0.411%
44	13.151	1734	1745	1747	rBV2	1694229	2826242	1.08%	0.360%
45	13.315	1765	1773	1778	rVV	2760272	4933215	1.88%	0.629%
46	13.368	1778	1782	1786	rVV	1654758	2435171	0.93%	0.310%
47	13.427	1787	1792	1797	rVV	1868179	2714612	1.03%	0.346%
48	13.551	1807	1813	1817	rVV	1016100	1633725	0.62%	0.208%
49	13.586	1817	1819	1824	rVB	441255	489271	0.19%	0.062%
50	13.680	1829	1835	1839	rVV	2375329	3579493	1.36%	0.456%
51	13.715	1839	1841	1849	rVB3	867482	1165729	0.44%	0.149%
52	13.992	1882	1888	1894	rBV2	2039121	3295805	1.26%	0.420%
53	14.074	1894	1902	1907	rVV	31319518	50435415	19.22%	6.428%
54	14.133	1907	1912	1919	rVB	4769394	6836087	2.60%	0.871%
55	14.315	1935	1943	1948	rVB2	601969	1026656	0.39%	0.131%
56	14.410	1948	1959	1969	rBV	18497228	28037539	10.68%	3.573%
57	14.504	1969	1975	1987	rVB	999230	1616866	0.62%	0.206%
58	15.004	2054	2060	2064	rVV	3174171	4616444	1.76%	0.588%
59	15.062	2064	2070	2076	rVV	14840373	19977903	7.61%	2.546%
60	15.139	2078	2083	2088	rVV3	915906	1707544	0.65%	0.218%
61	15.186	2088	2091	2094	rVV2	616293	973762	0.37%	0.124%
62	15.221	2094	2097	2102	rVV	949585	1384892	0.53%	0.177%
63	15.309	2107	2112	2115	rVV	538260	931040	0.35%	0.119%
64	15.374	2115	2123	2133	rVV3	2035807	4230752	1.61%	0.539%
65	15.504	2140	2145	2156	rVV	999392	2028778	0.77%	0.259%
66	15.733	2177	2184	2187	rBV	4877076	9026056	3.44%	1.150%
67	15.880	2200	2209	2213	rBV2	309180	725228	0.28%	0.092%
68	15.951	2215	2221	2230	rVV	1601179	2811613	1.07%	0.358%
69	16.045	2230	2237	2239	rVV3	274089	563694	0.21%	0.072%
70	16.362	2270	2291	2295	rBV	1891964	5900220	2.25%	0.752%
71	16.451	2295	2306	2312	rVB	1642023	4260109	1.62%	0.543%

LSC Area Percent Report

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Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	16.568	2317	2326	2339	rVB	1069424	2288781	0.87%	0.292%
73	16.751	2347	2357	2360	rBV	1819825	3018962	1.15%	0.385%
74	16.798	2360	2365	2369	rVB	12692129	16628650	6.34%	2.119%
75	16.851	2369	2374	2379	rBV3	3939105	5955641	2.27%	0.759%
76	17.045	2401	2407	2416	rVB2	517467	908828	0.35%	0.116%
77	17.174	2416	2429	2434	rBV	21066115	31912062	12.16%	4.067%
78	17.262	2439	2444	2449	rVV3	644994	1070612	0.41%	0.136%
79	17.327	2449	2455	2460	rVB2	1102842	1706444	0.65%	0.217%
80	17.427	2469	2472	2475	rVB2	357630	426566	0.16%	0.054%
81	17.598	2495	2501	2509	rVB3	593981	1114108	0.42%	0.142%
82	17.674	2509	2514	2518	rBV2	1453282	2176001	0.83%	0.277%
83	17.756	2524	2528	2533	rBV	597152	776540	0.30%	0.099%
84	17.821	2533	2539	2546	rVB3	745956	1557998	0.59%	0.199%
85	17.921	2551	2556	2560	rBV2	700152	1270228	0.48%	0.162%
86	17.980	2564	2566	2570	rVV	590715	726229	0.28%	0.093%
87	18.027	2570	2574	2578	rVV	440042	723224	0.28%	0.092%
88	18.080	2578	2583	2589	rVV2	696752	1684839	0.64%	0.215%
89	18.139	2589	2593	2598	rVV	797339	1122567	0.43%	0.143%
90	18.227	2602	2608	2616	rVB3	232859	483153	0.18%	0.062%
91	18.515	2653	2657	2664	rVV4	216010	465306	0.18%	0.059%
92	19.156	2760	2766	2771	rVV	4780722	6157934	2.35%	0.785%
93	19.209	2771	2775	2789	rVB	600299	1128954	0.43%	0.144%
94	19.574	2832	2837	2844	rBV	591375	853070	0.33%	0.109%
95	19.650	2844	2850	2863	rVV	1721234	2567060	0.98%	0.327%
96	20.262	2949	2954	2957	rBV	339411	506961	0.19%	0.065%
97	20.303	2957	2961	2971	rVB2	465254	784579	0.30%	0.100%
98	20.962	3069	3073	3083	rBV	2669641	3248874	1.24%	0.414%
99	22.909	3398	3404	3415	rBV	3622206	6312428	2.41%	0.805%
100	23.038	3421	3426	3439	rVB2	1961658	3533092	1.35%	0.450%

Sum of corrected areas: 784623230

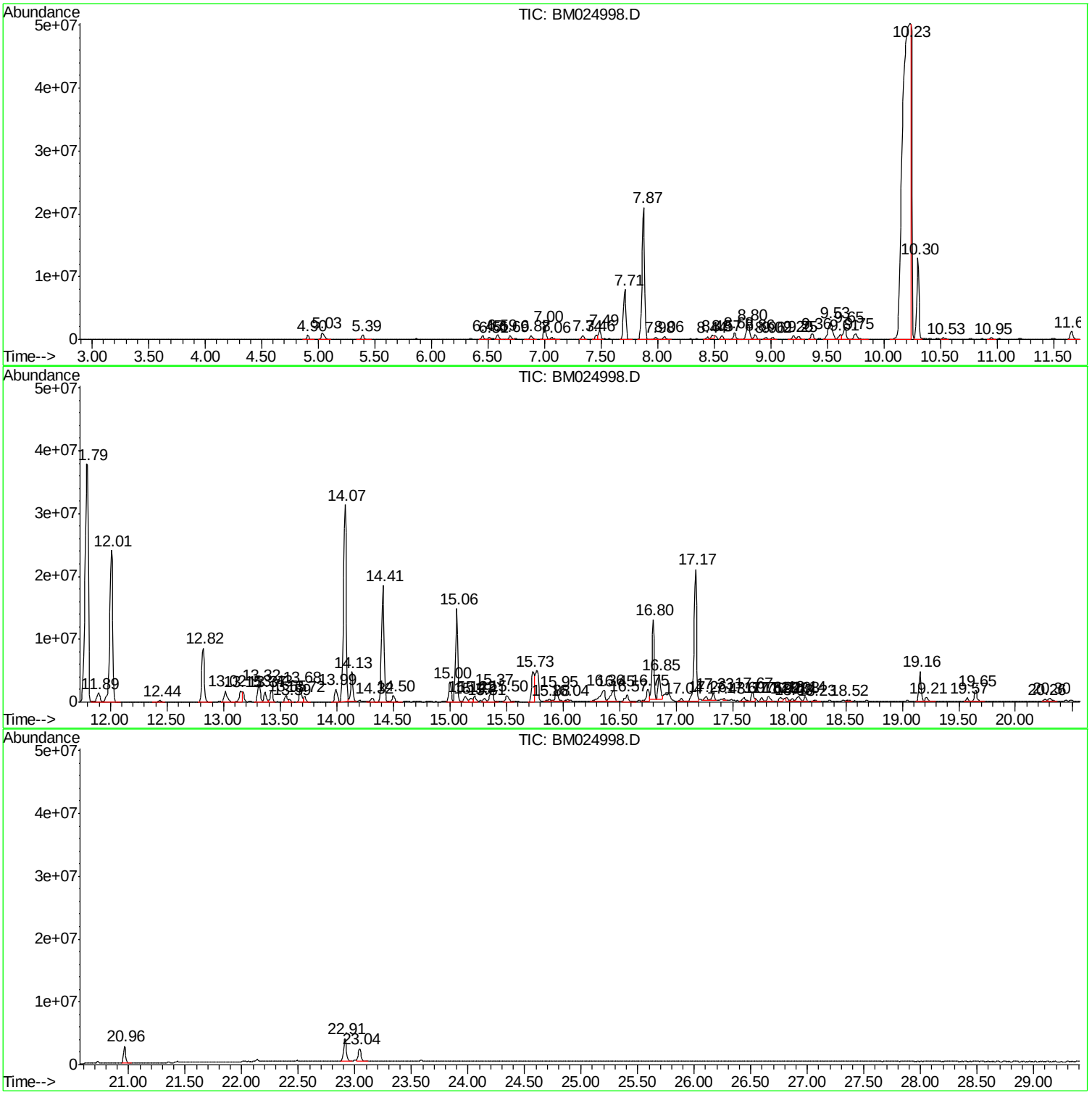
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
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Misc :
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Instrument : BNA_M
ClientSampleId : DBDJ9

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

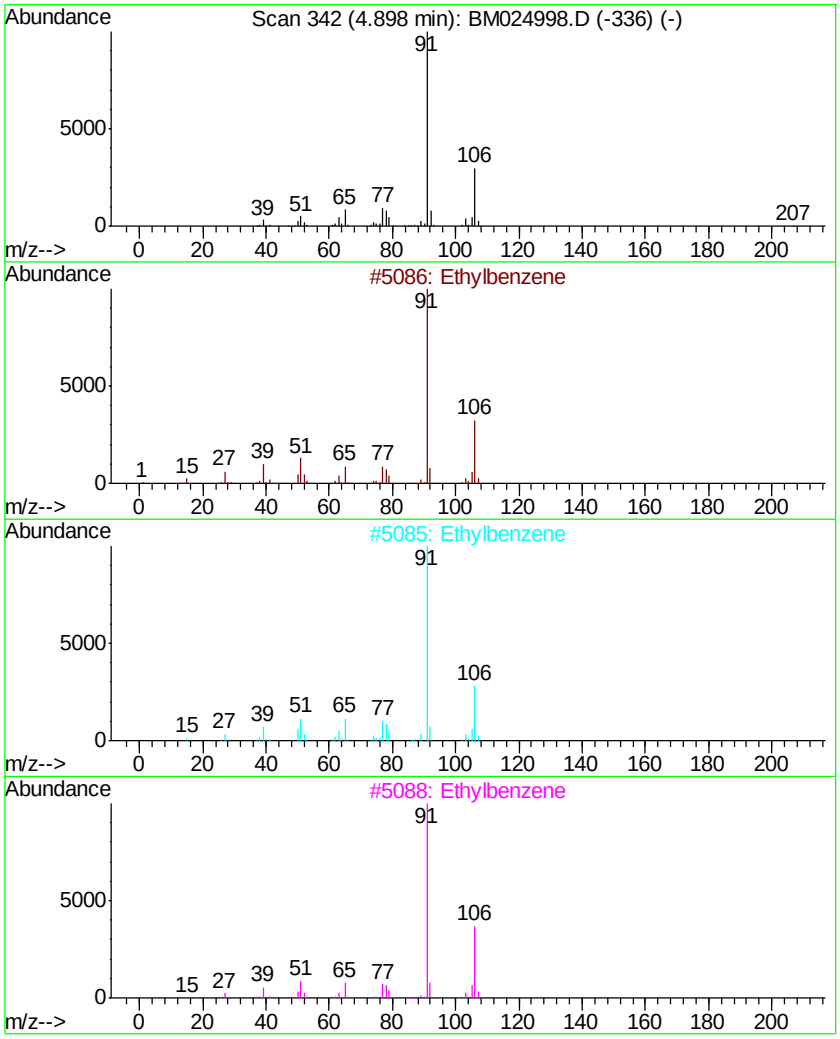
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

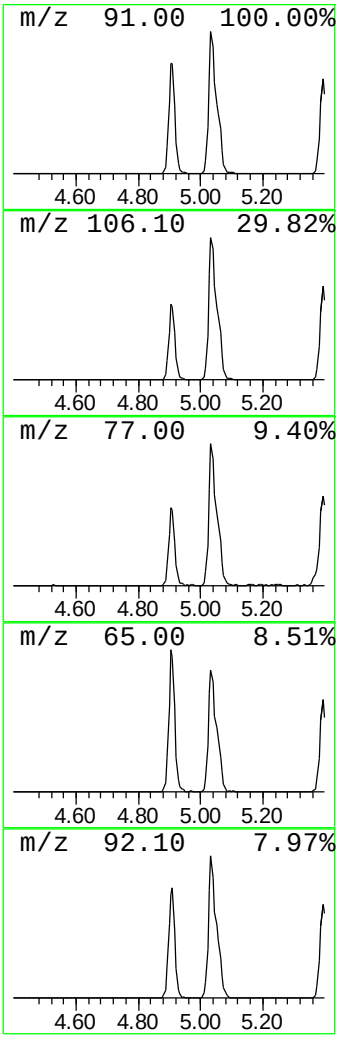
****

Peak Number 1 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	19.38 ng/ul	941033	1,4-Dichlorobenzene-d4	7.34

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	90
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

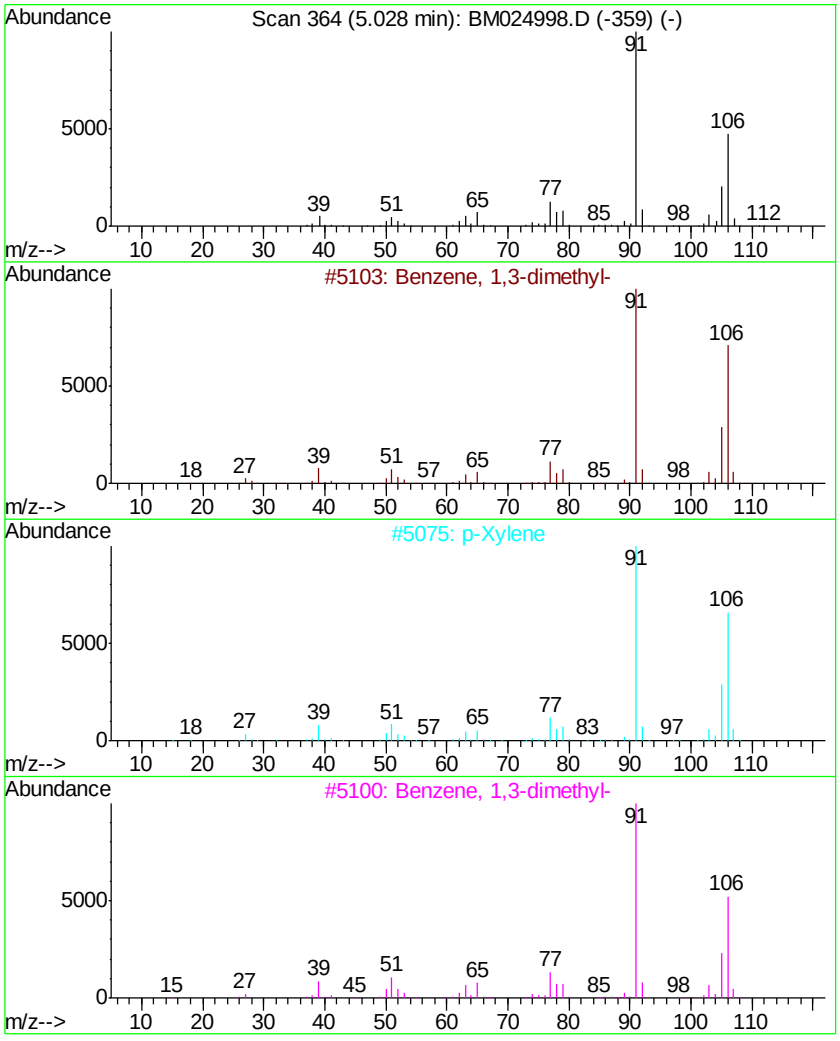
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

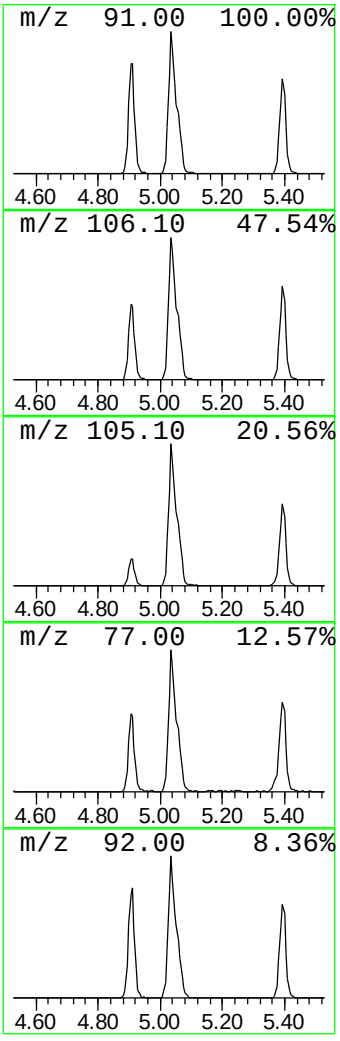
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	39.14 ng/ul	1900690	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

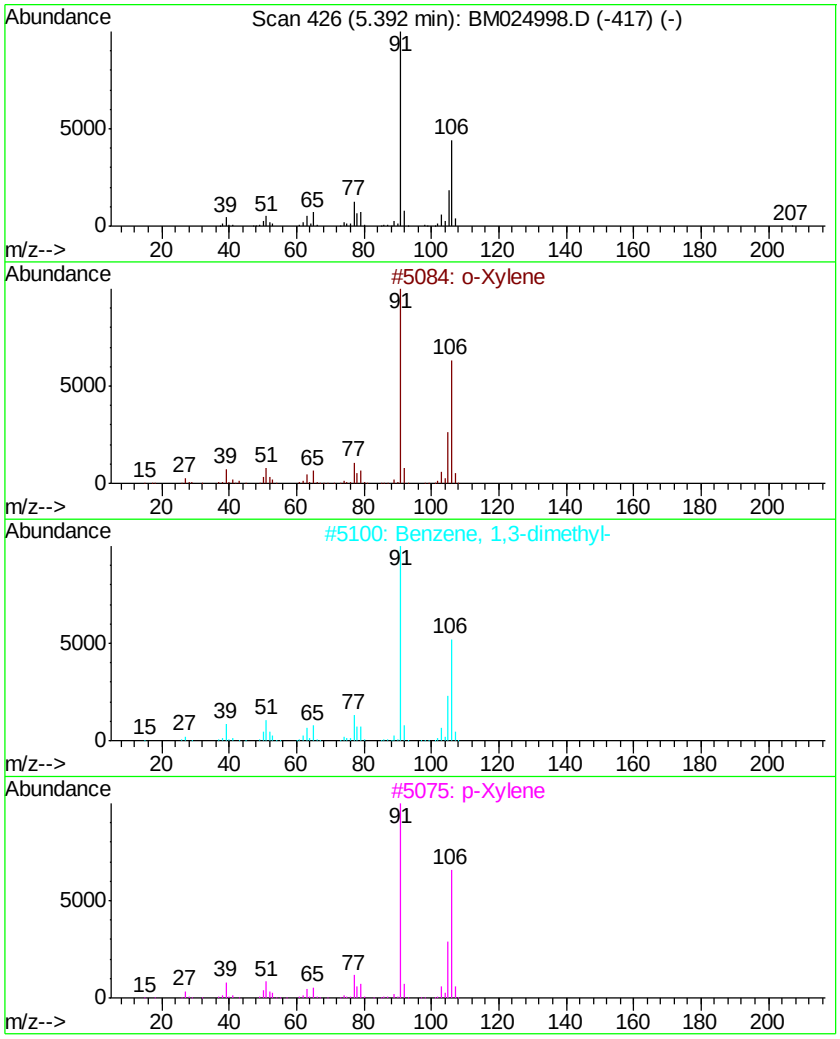
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

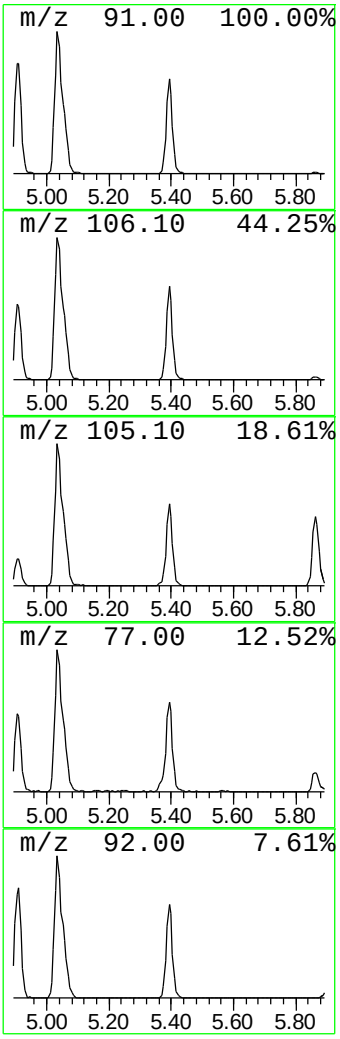
****

Peak Number 3 o-Xylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	20.69 ng/ul	1004810	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

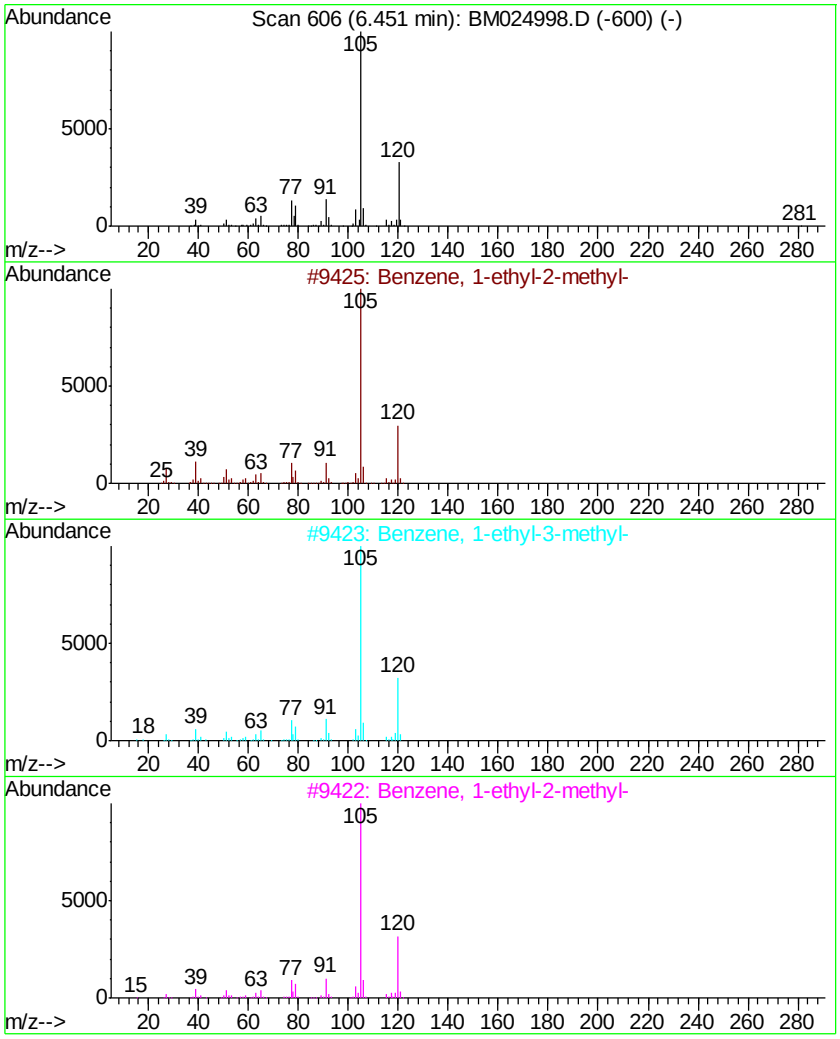
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

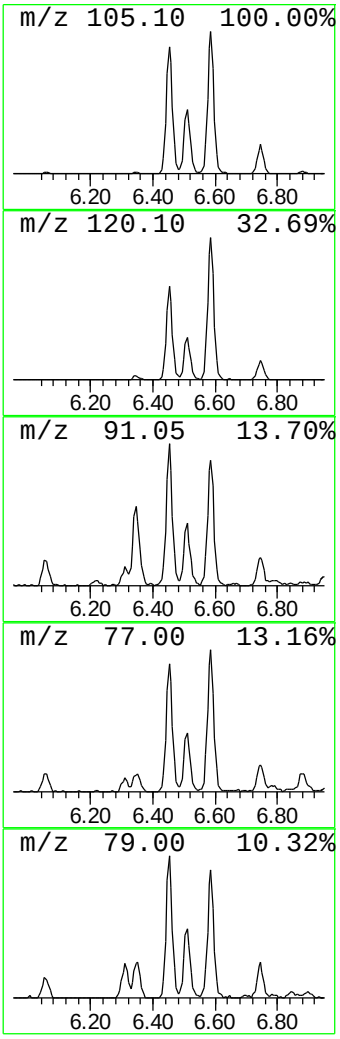
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	18.85 ng/ul	915330	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

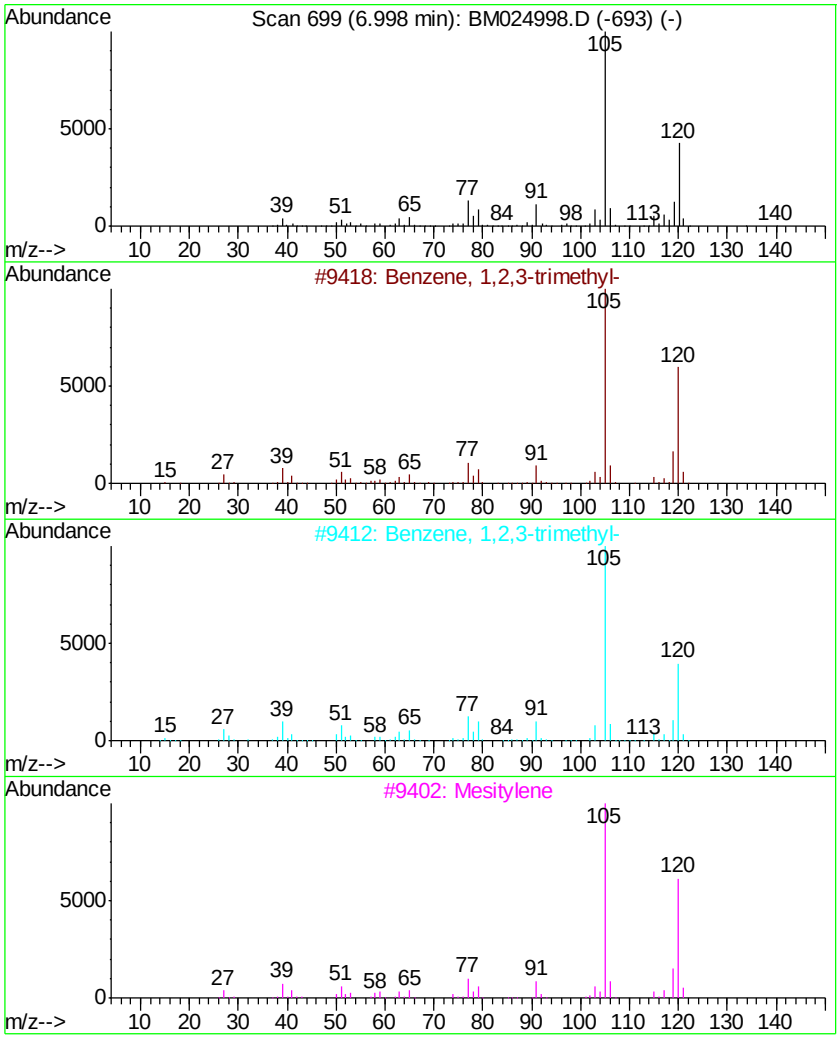
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

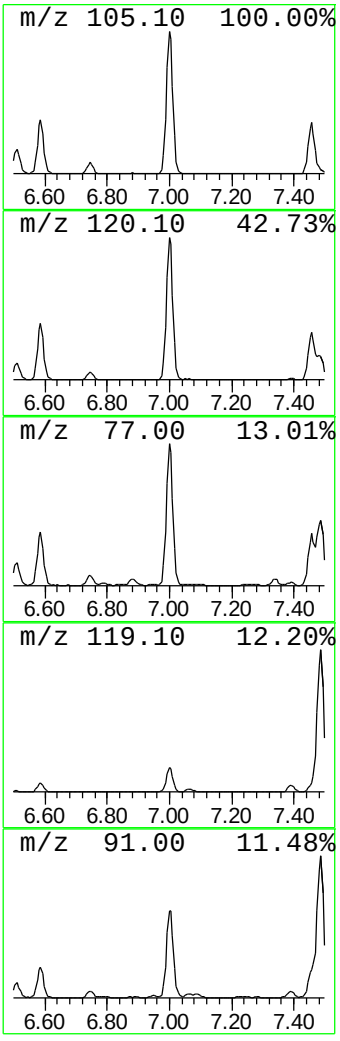
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	66.02 ng/ul	3205590	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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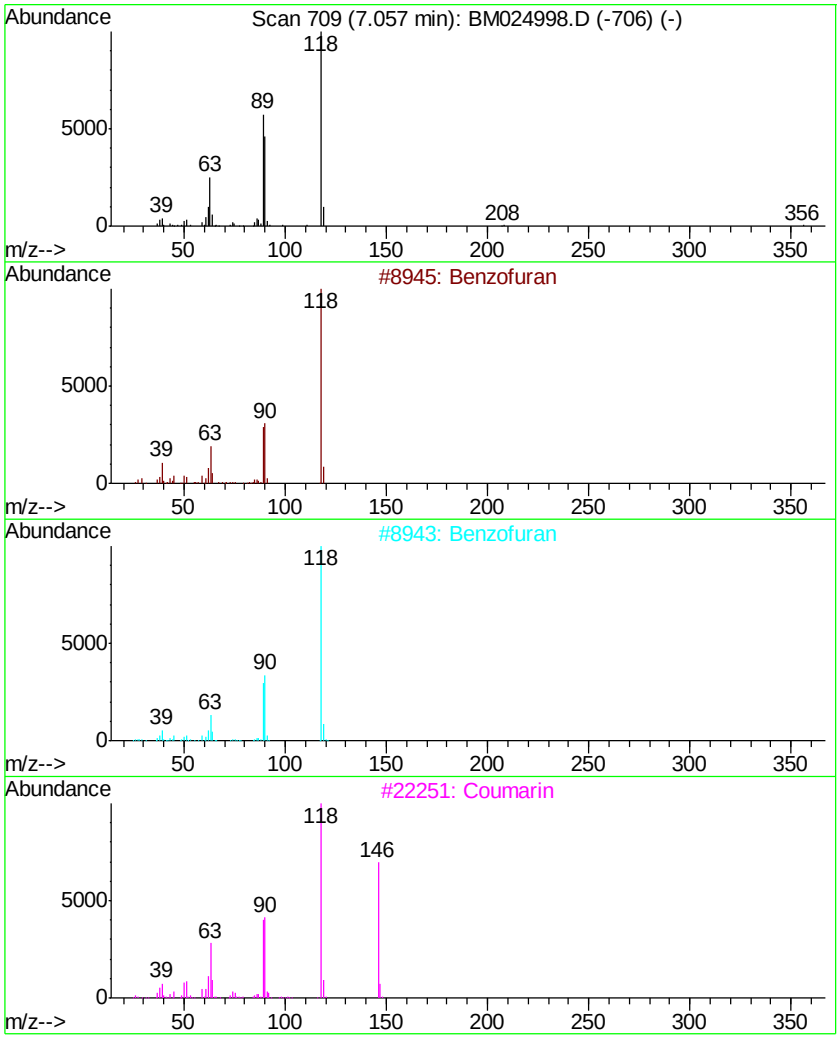
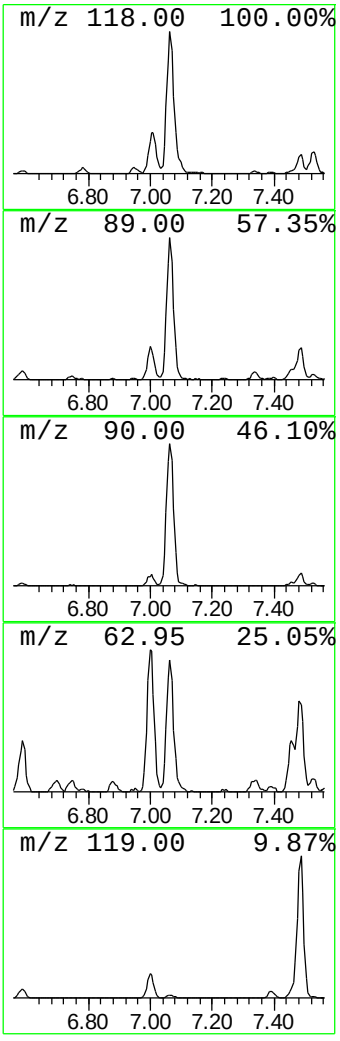
Peak Number 6 Benzofuran Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	11.73 ng/ul	569635	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	87
3	Coumarin	146	C9H6O2	000091-64-5	83
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	53
5	2-Propenoic acid, 3-(2-hydroxyph...	164	C9H8O3	000583-17-5	50





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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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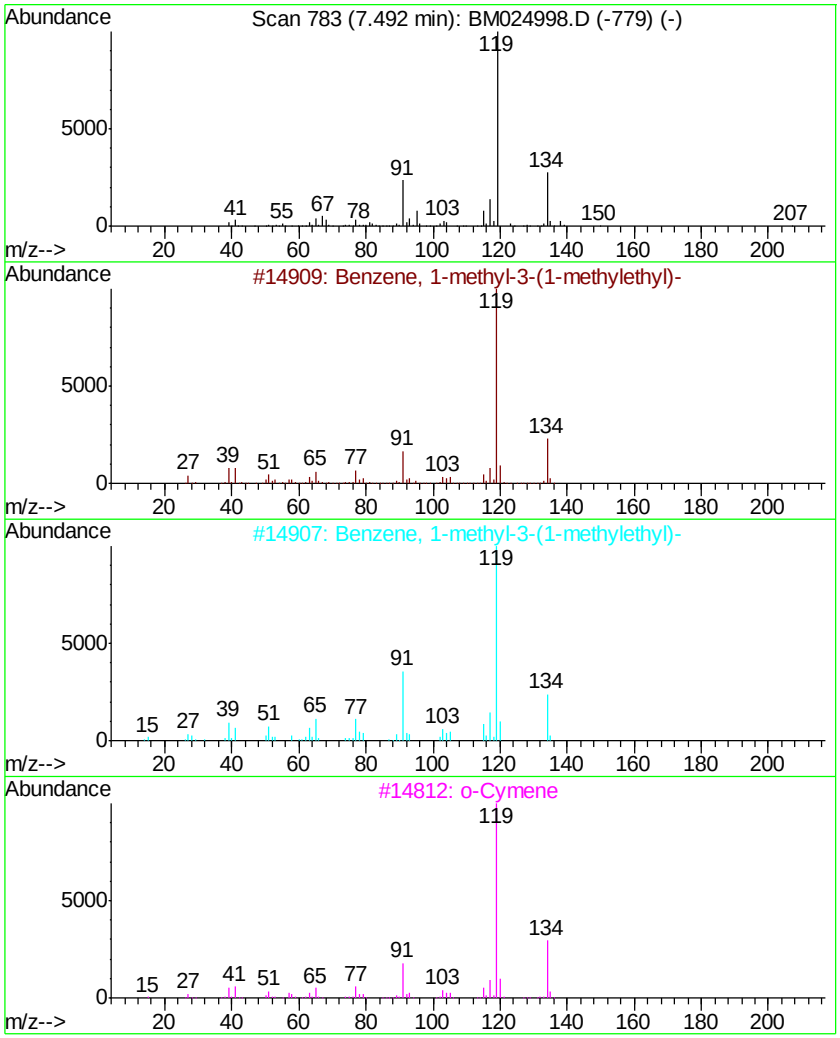
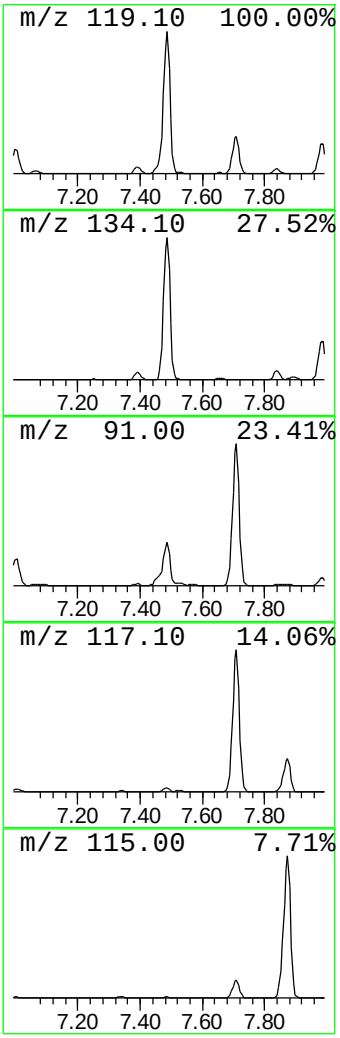
Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	42.47 ng/ul	2062110	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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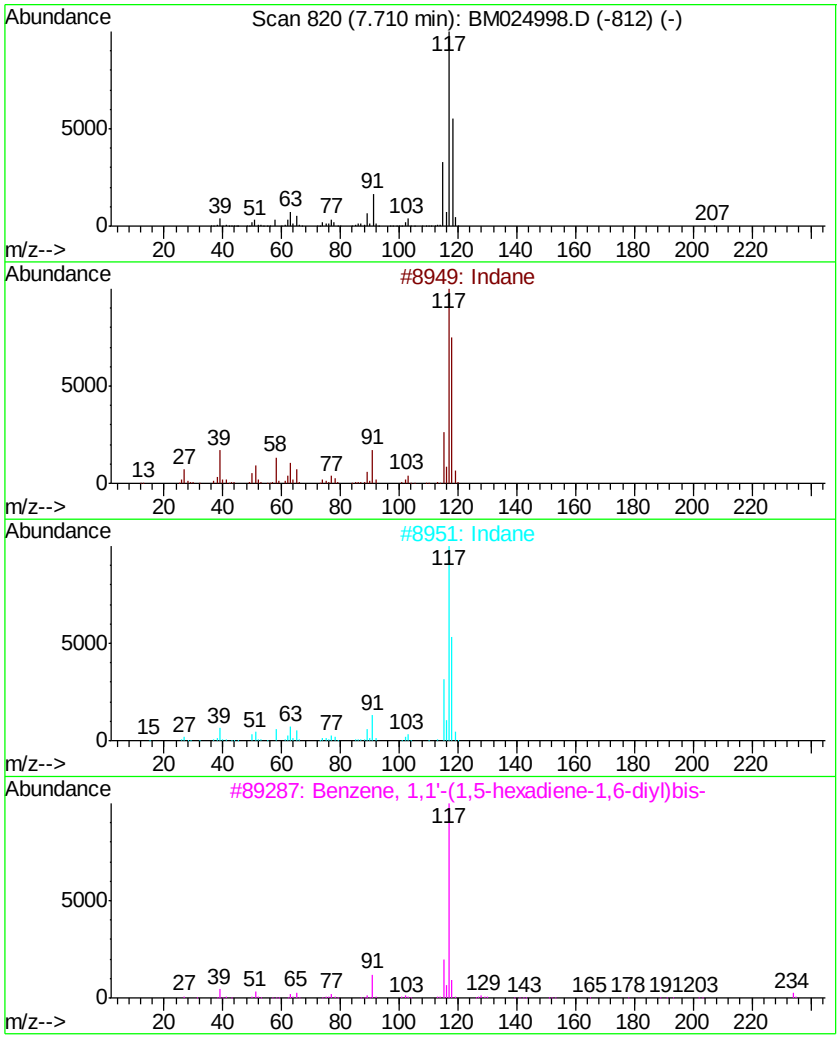
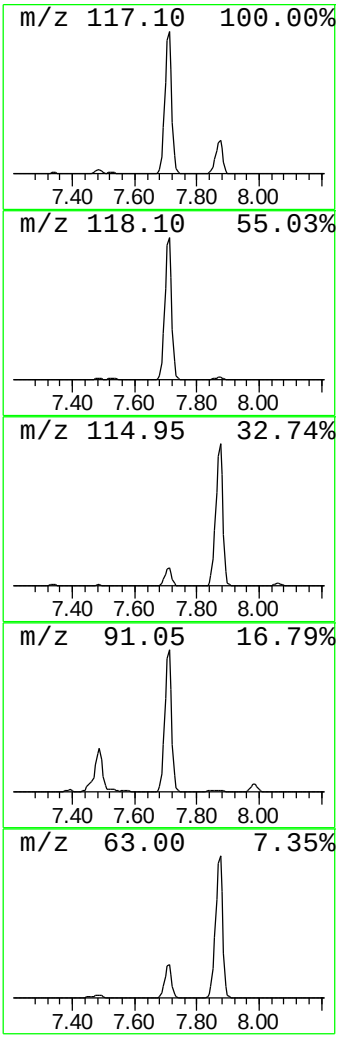
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	248.23 ng/ul	12053200	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Indane	118	C9H10	000496-11-7	52





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Operator : CG/JU
Sample : L1582-07
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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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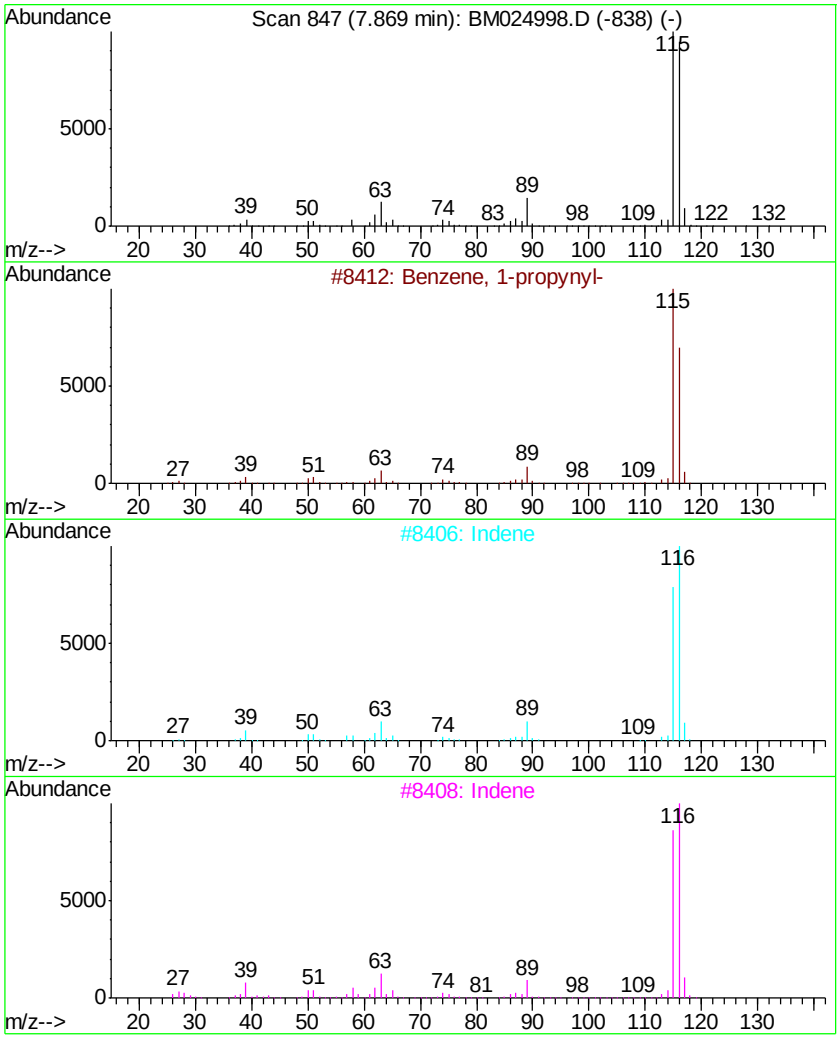
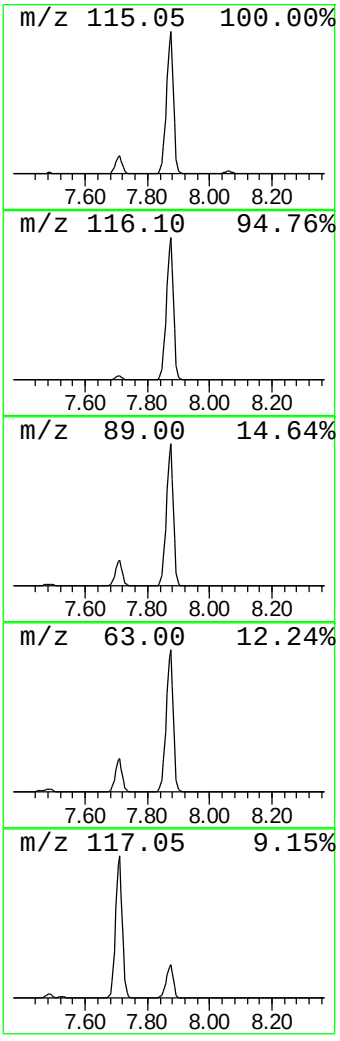
Peak Number 10 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	693.67 ng/ul	33682400	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Misc :
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Quant Title : SVOA CALIBRATION

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

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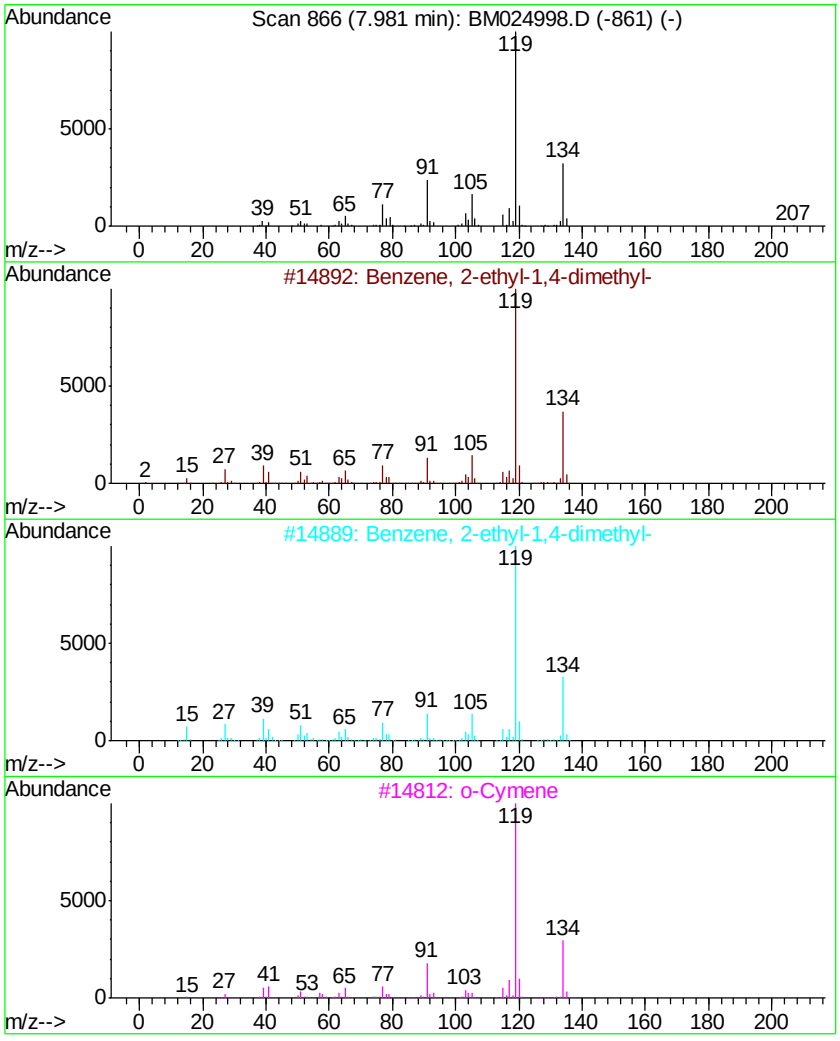
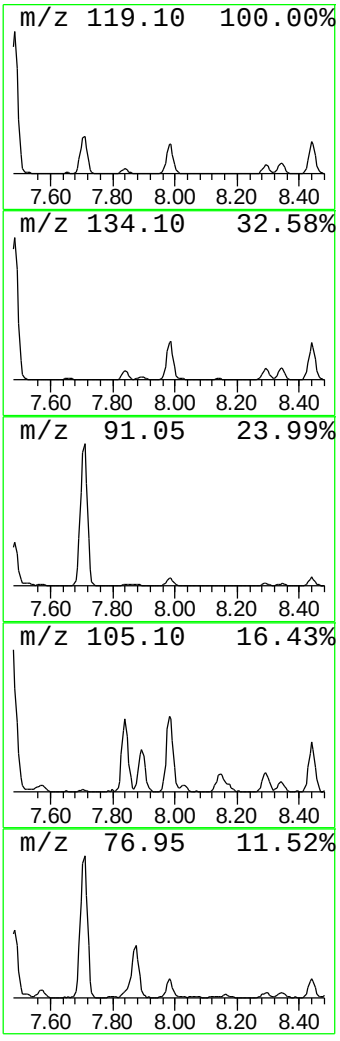
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	9.59 ng/ul	465895	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	93





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Sample : L1582-07
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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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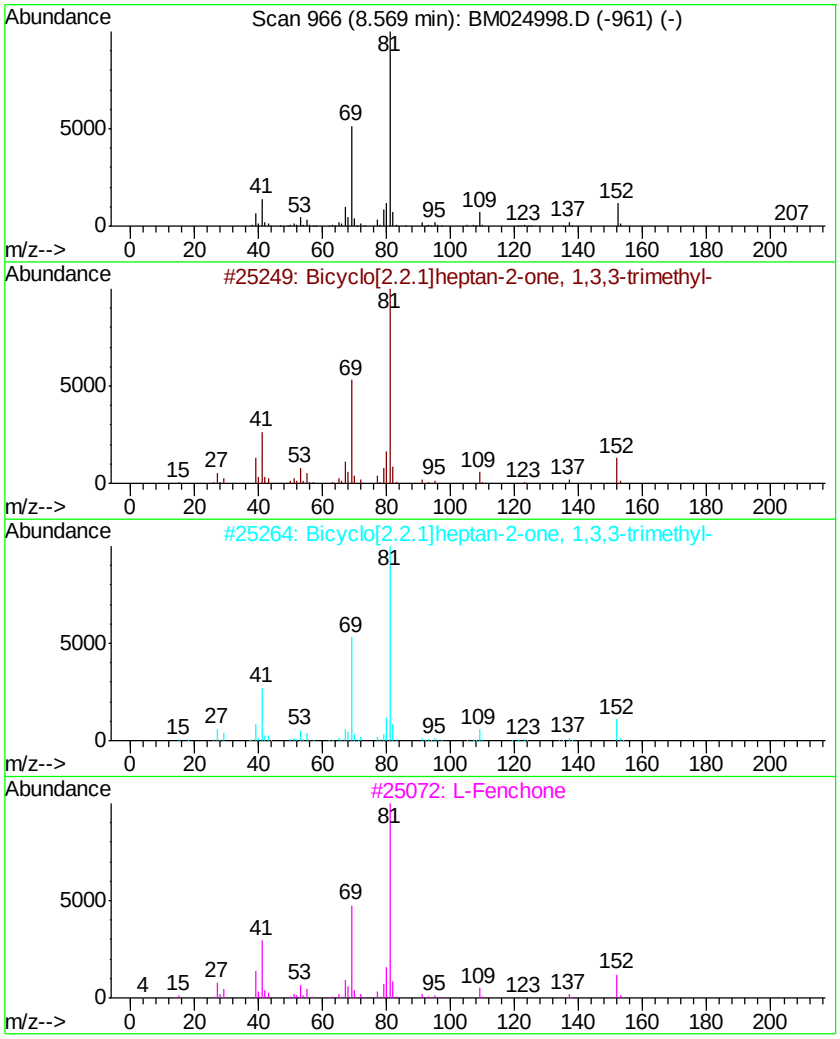
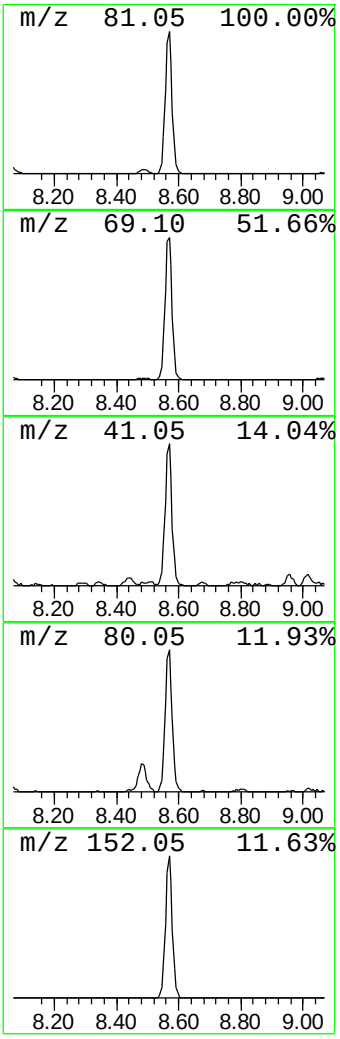
Peak Number 12 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	20.89 ng/ul	1014220	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	95
4	D-Fenchone	152	C10H16O	004695-62-9	91
5	L-Fenchone	152	C10H16O	007787-20-4	91





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Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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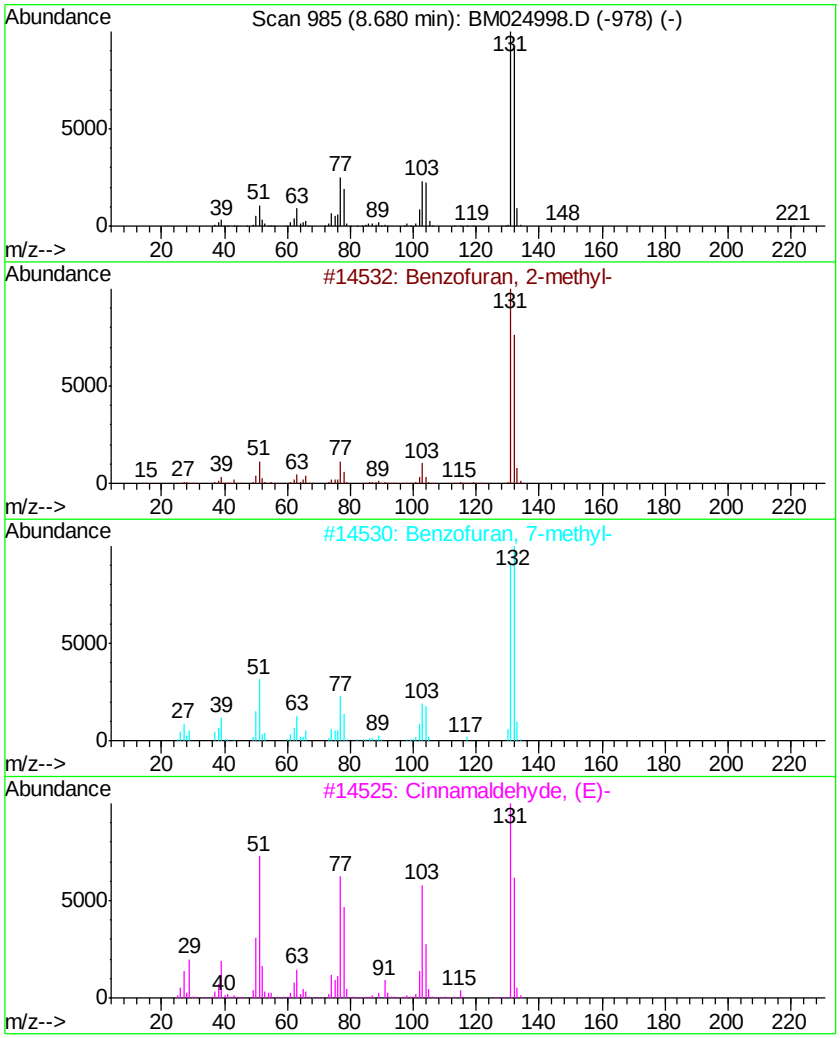
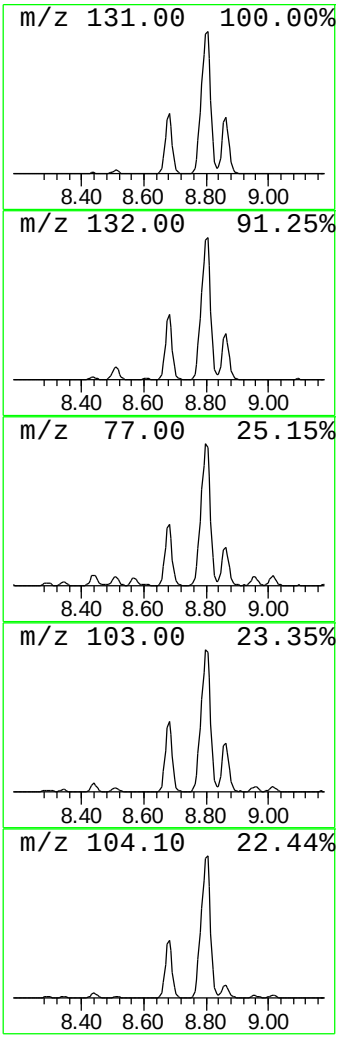
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	34.84 ng/ul	1691870	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Quant Title : SVOA CALIBRATION

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

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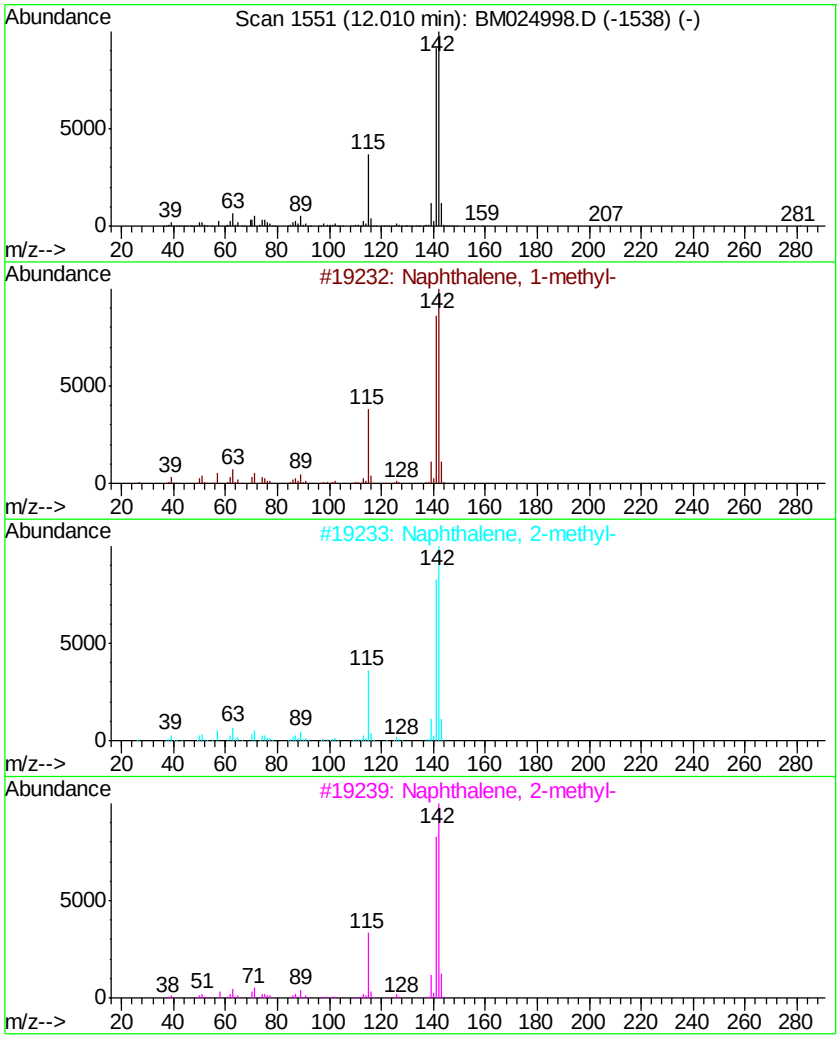
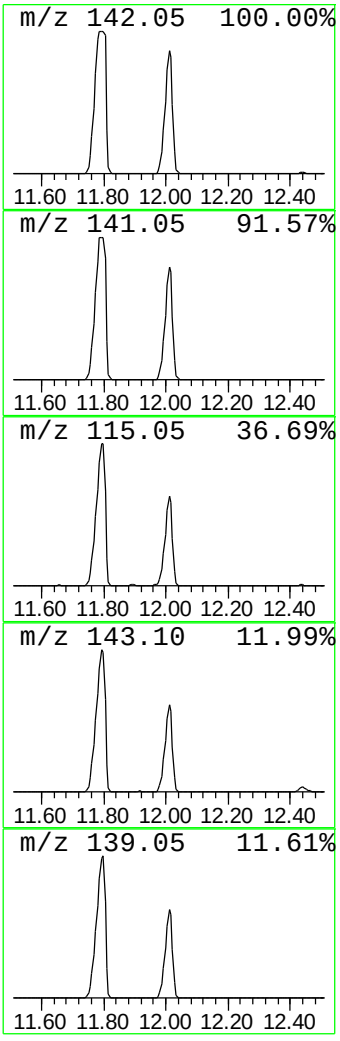
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.22 ng/ul	42226000	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 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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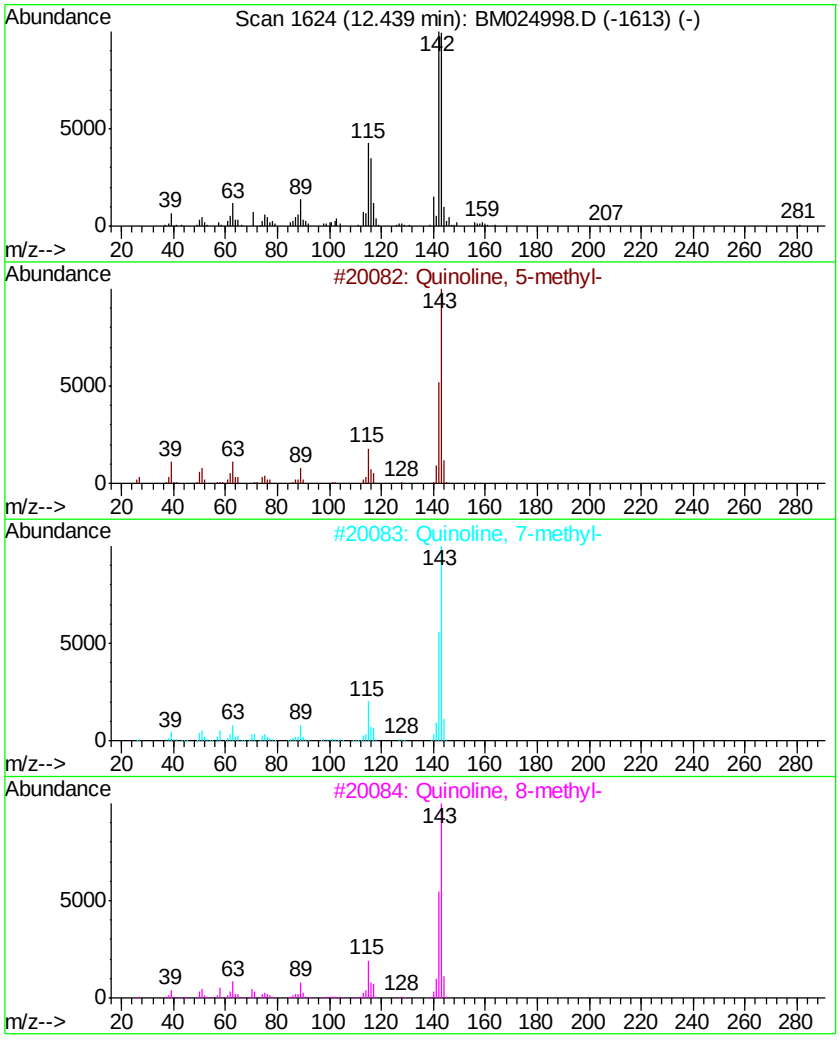
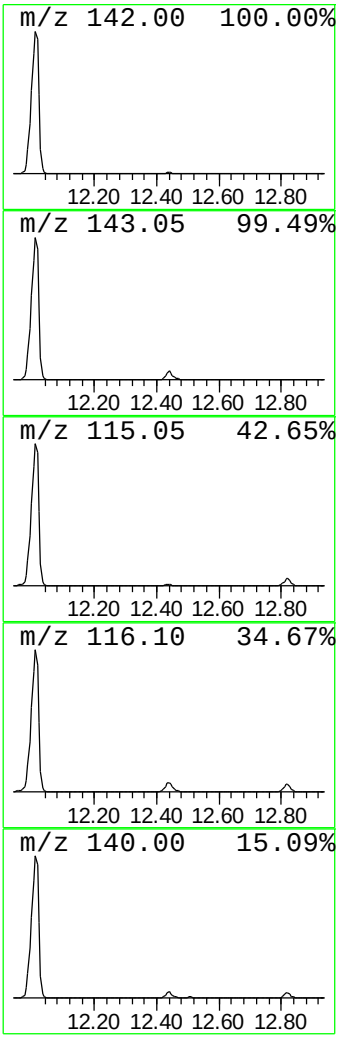
Peak Number 15 Quinoline, 5-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.92 ng/ul	481271	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	89
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	76
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	76
4	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	64
5	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	64





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Quant Title : SVOA CALIBRATION

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

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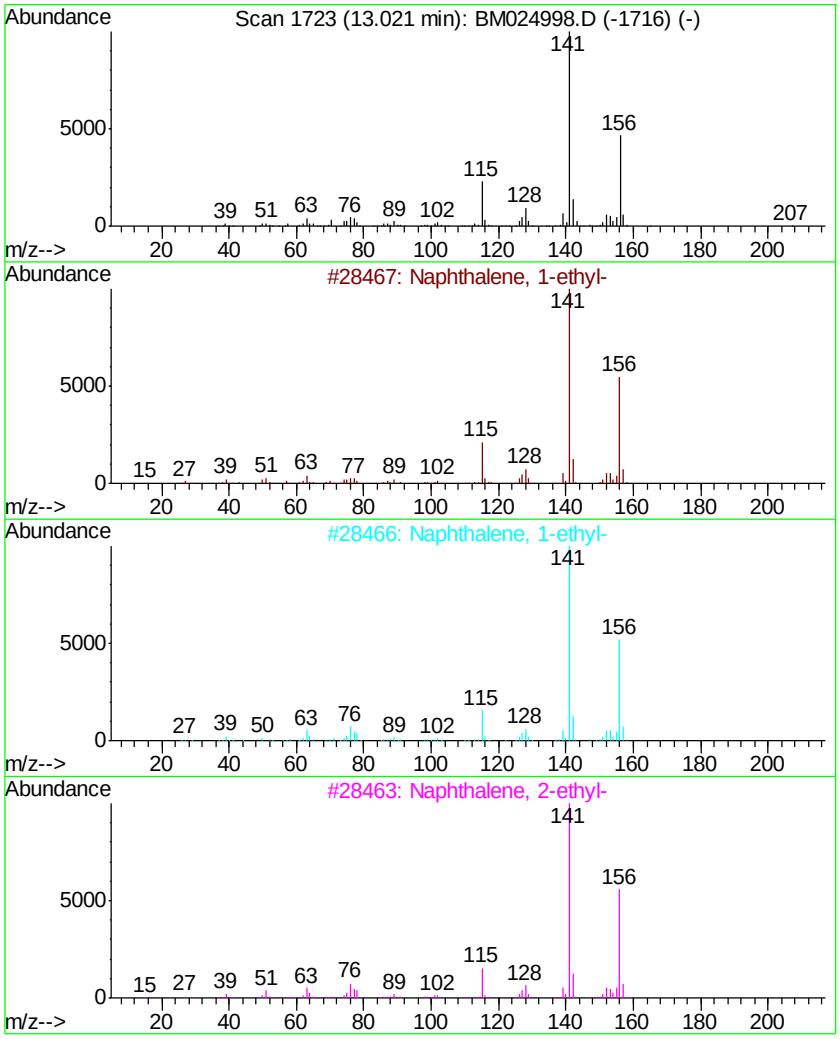
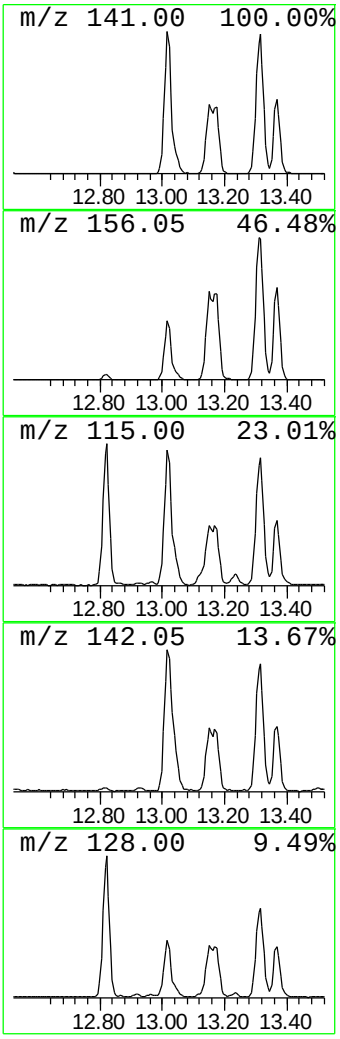
Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	19.56 ng/ul	3222920	Acenaphthene-d10	14.00

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





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Quant Title : SVOA CALIBRATION

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

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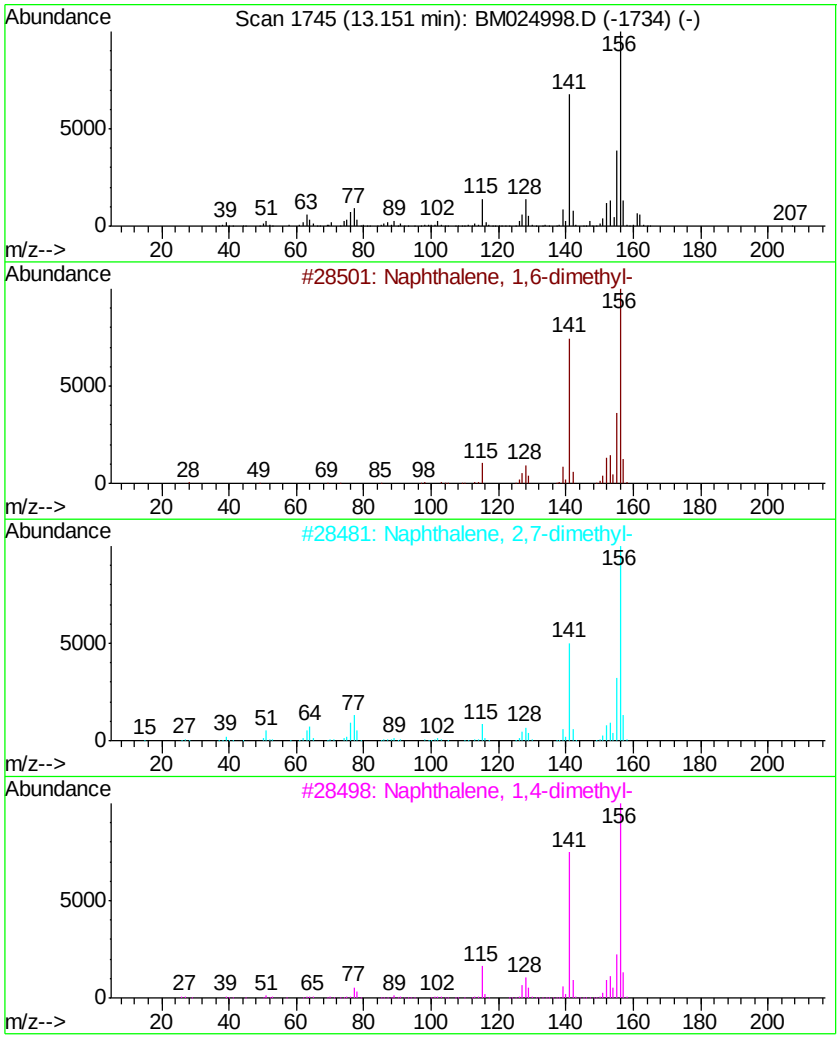
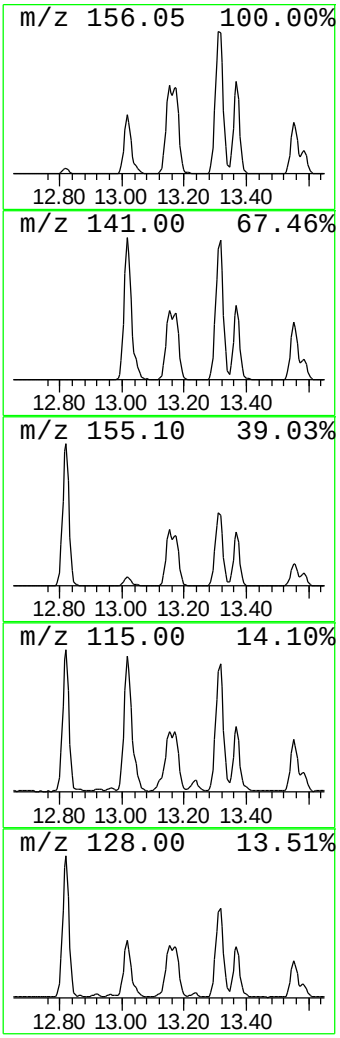
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	17.15 ng/ul	2826240	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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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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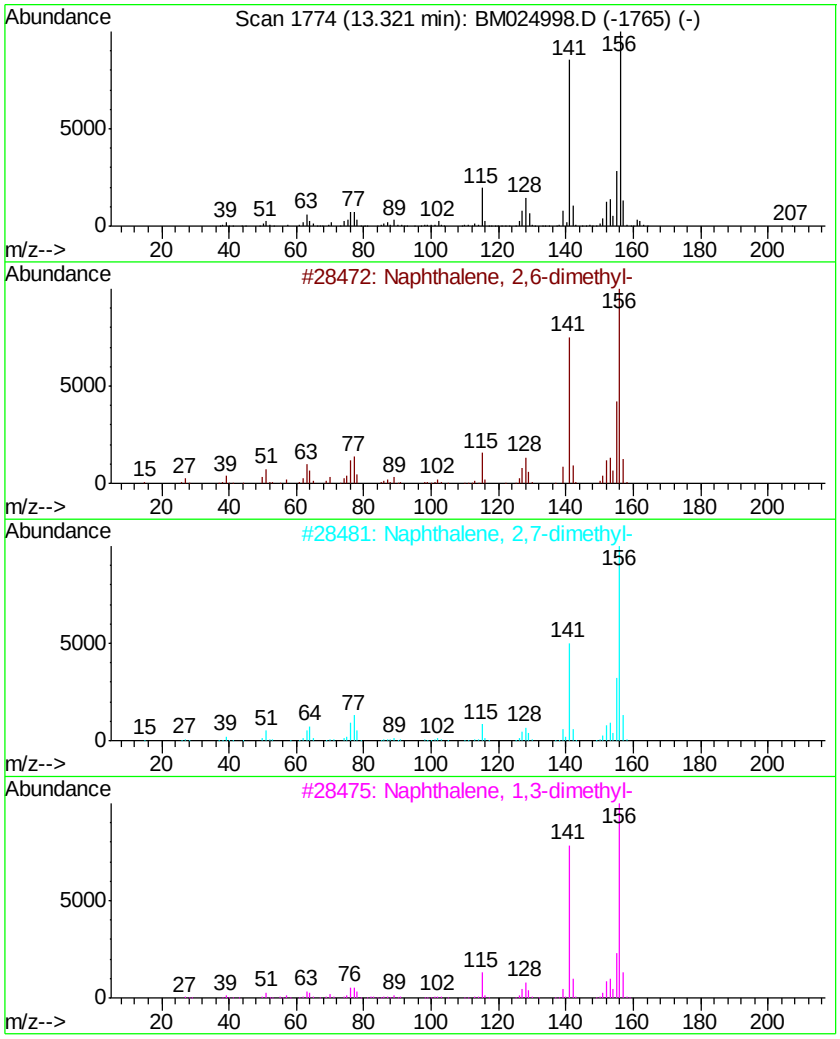
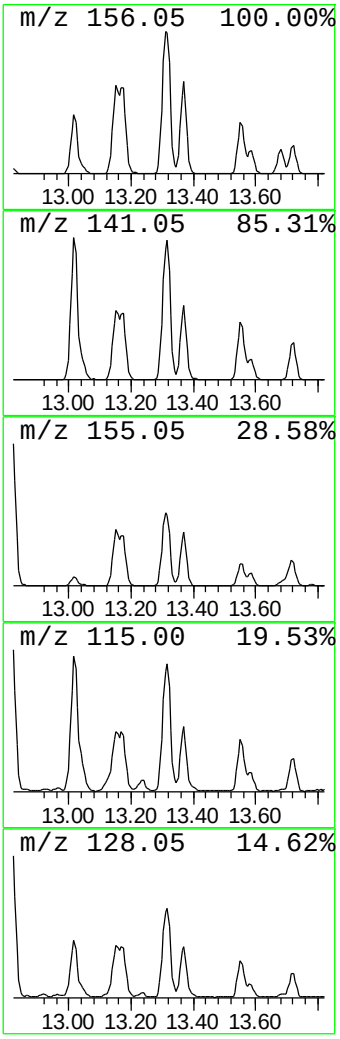
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	29.94 ng/ul	4933220	Acenaphthene-d10	14.00

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





Library Search Compound Report

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Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

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

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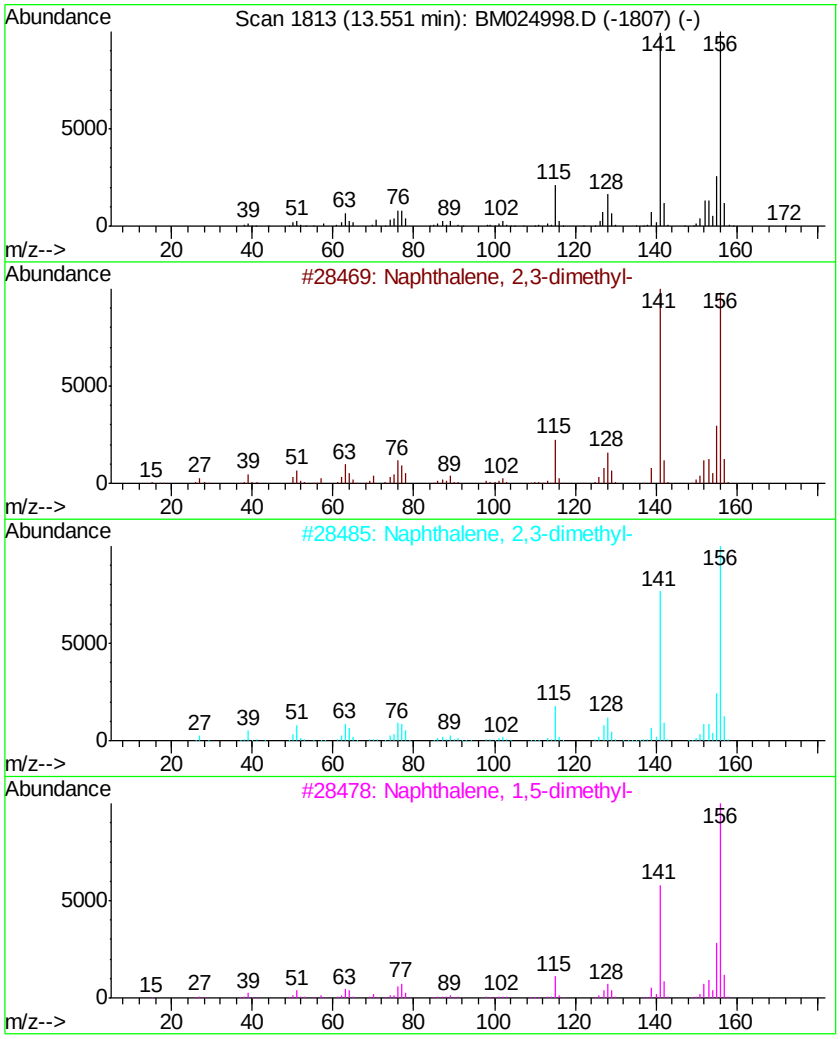
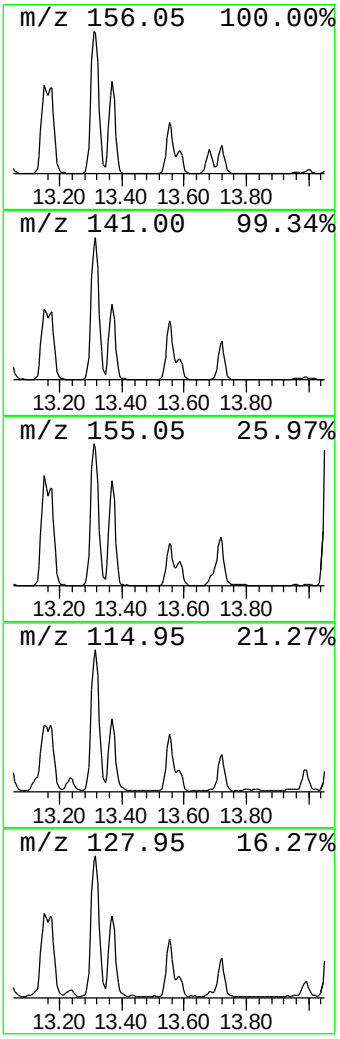
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	9.91 ng/ul	1633730	Acenaphthene-d10	14.00

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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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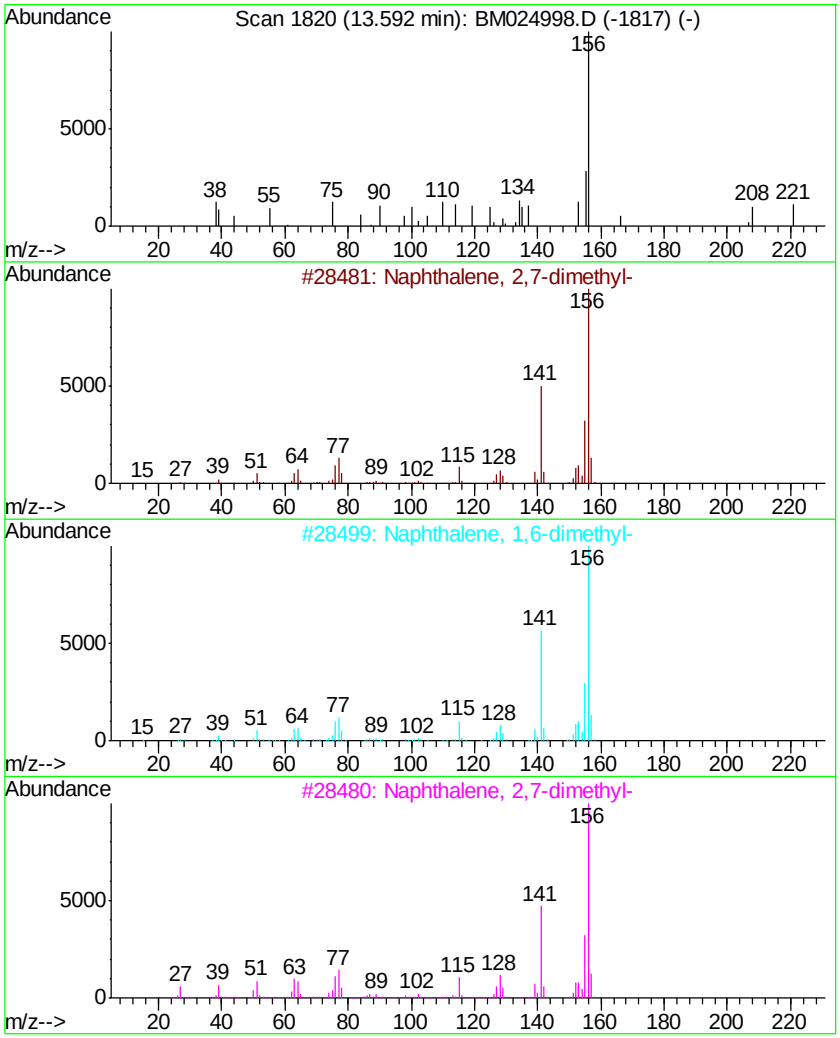
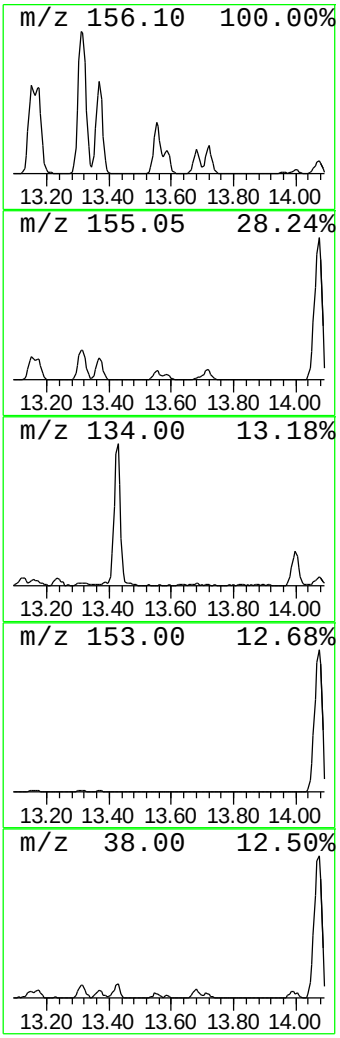
Peak Number 21 Naphthalene, 2,7-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.97 ng/ul	489271	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





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ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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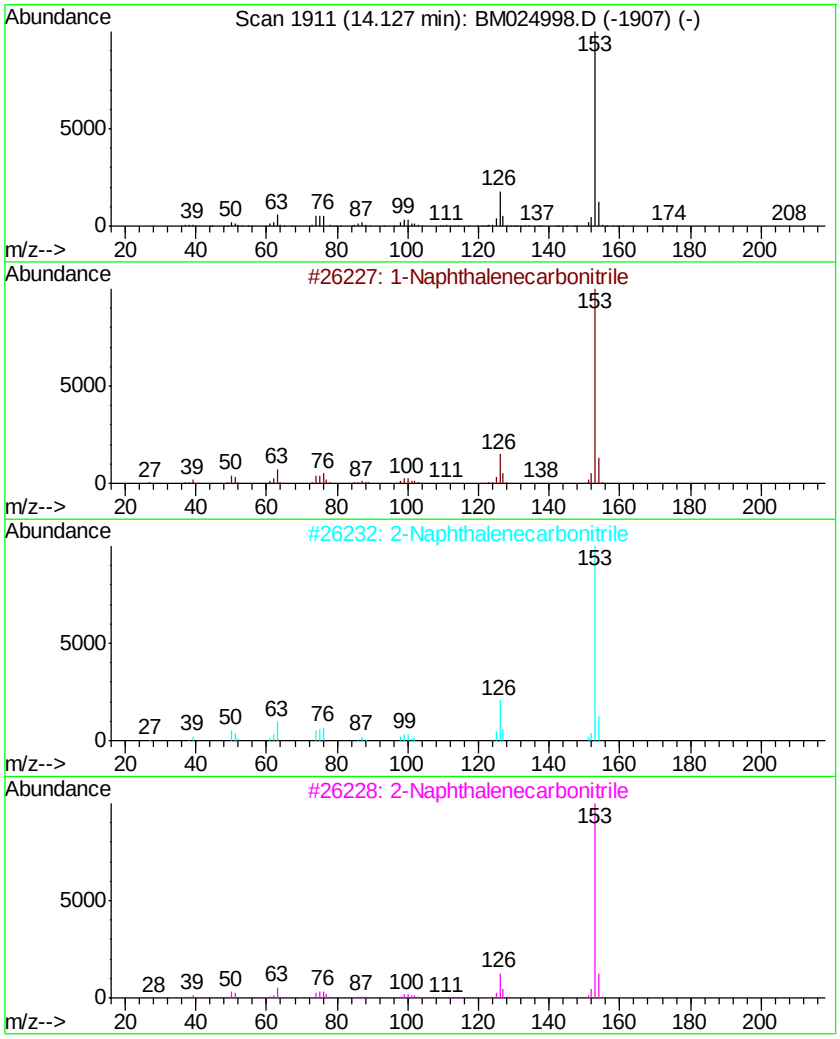
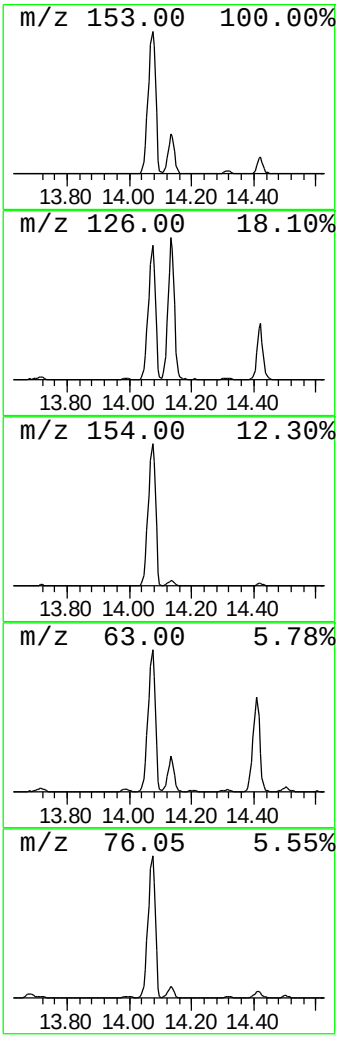
Peak Number 22 1-Naphthalenecarbonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	41.48 ng/ul	6836090	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Misc :
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Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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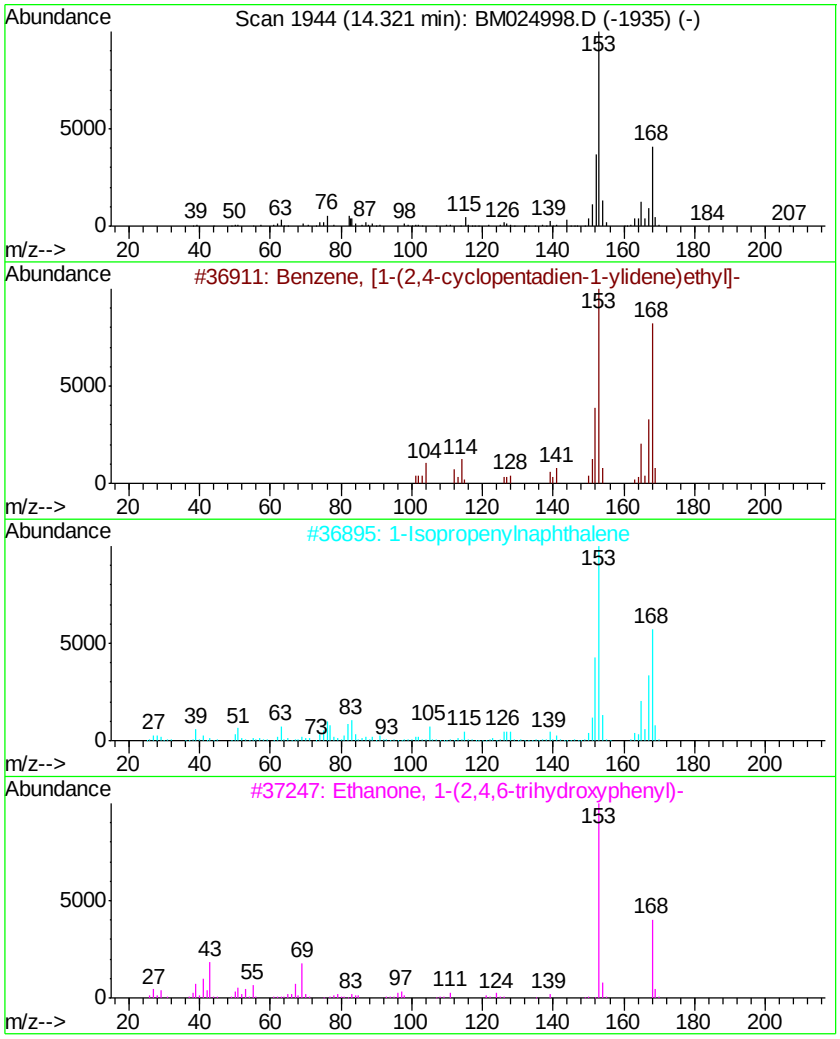
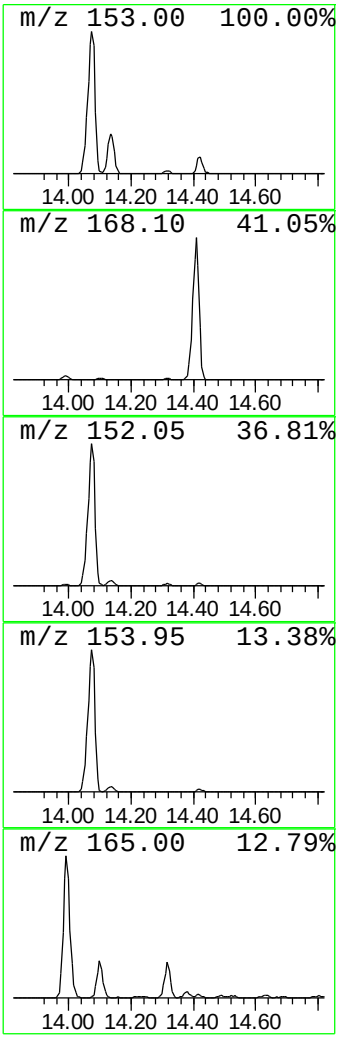
Peak Number 23 Benzene, [1-(2,4-cyclopenta... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	6.23 ng/ul	1026660	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58
4	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53





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Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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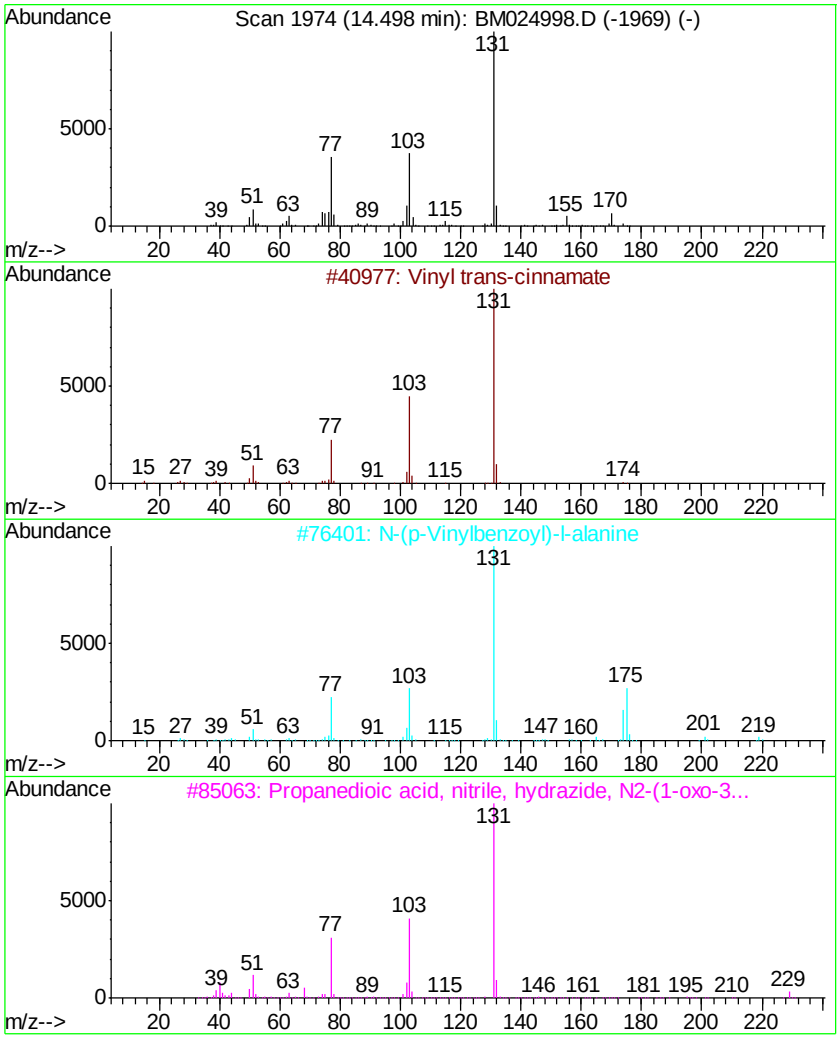
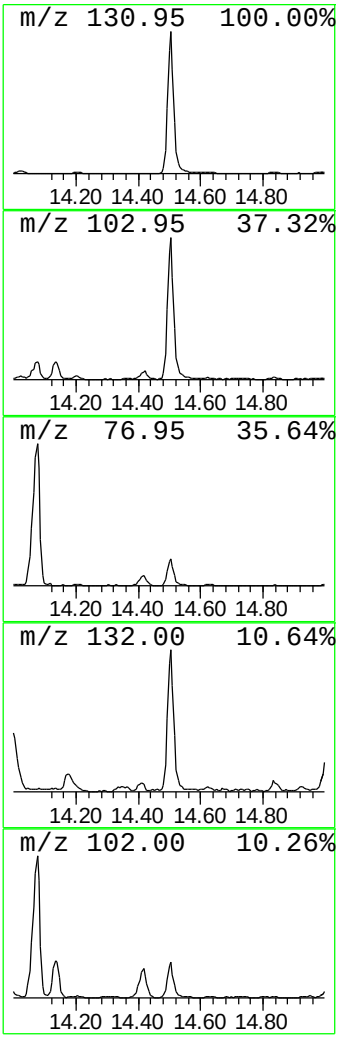
Peak Number 24 Vinyl trans-cinnamate Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	9.81 ng/ul	1616870	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	80
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	78
3	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	78
4	4-Methylcoumarine-7-cinnamate	306	C19H14O4	300829-05-4	74
5	2-Propenoyl chloride, 3-phenyl-	166	C9H7ClO	000102-92-1	74





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Sample : L1582-07
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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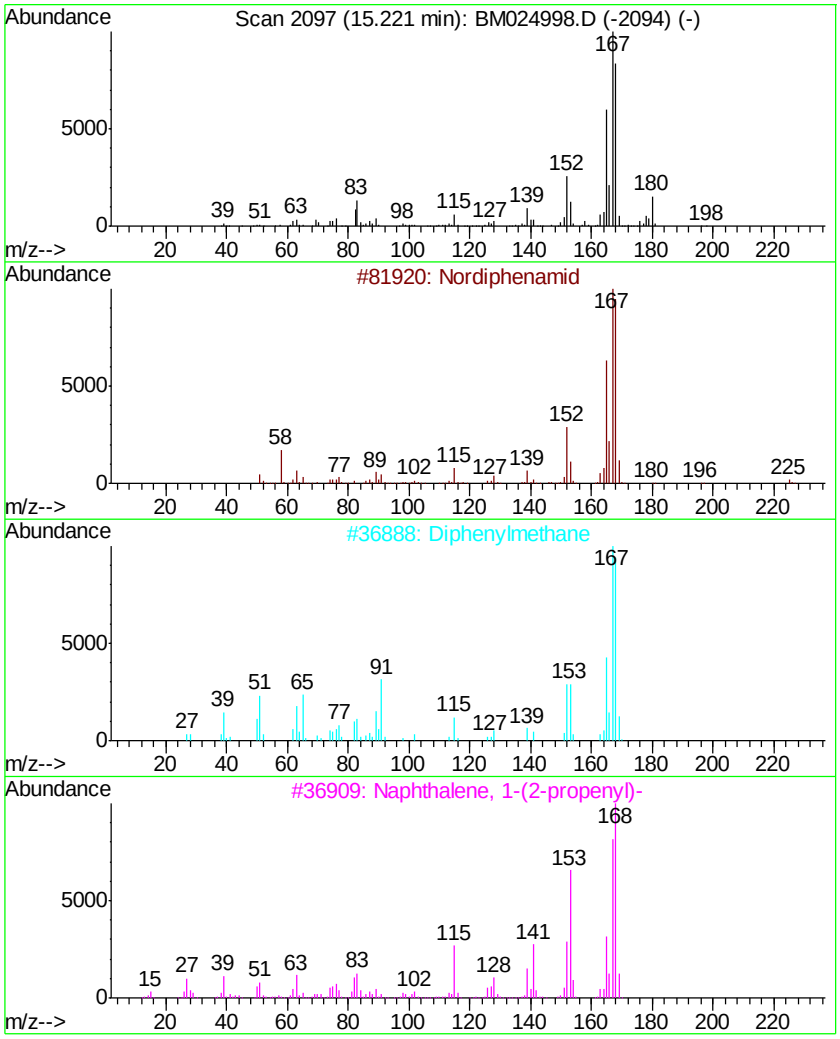
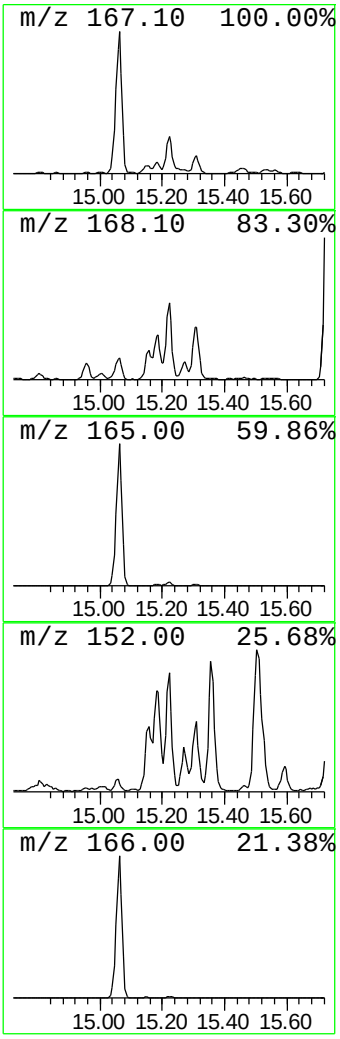
Peak Number 25 Nordiphenamid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	8.40 ng/ul	1384890	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Diphenylmethane	168	C13H12	000101-81-5	58
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	50
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49





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Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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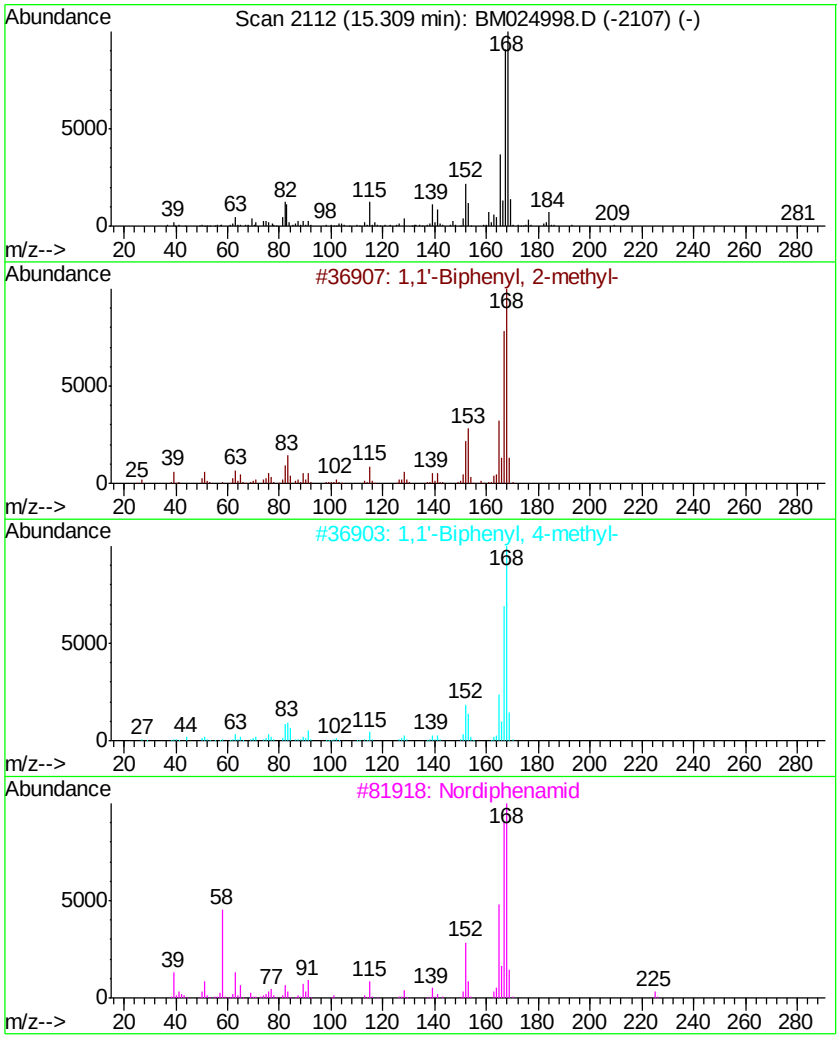
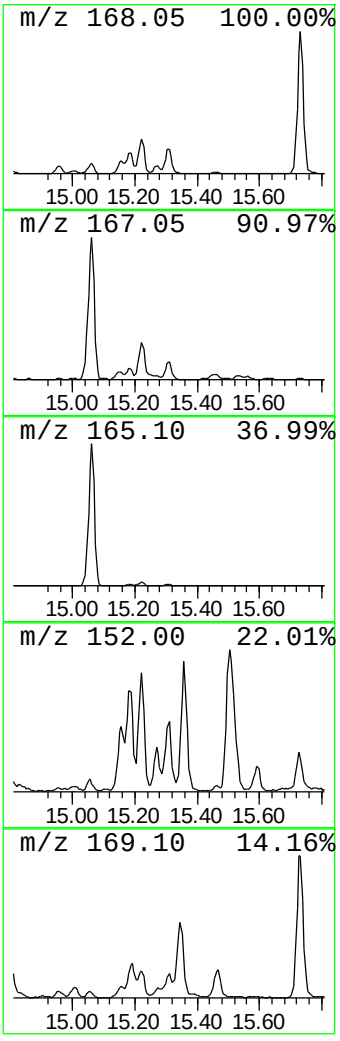
Peak Number 26 1,1'-Biphenyl, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	5.65 ng/ul	931040	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
3	Nordiphenamid	225	C15H15NO	000954-21-2	83
4	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	83
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81





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Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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Quant Title : SVOA CALIBRATION

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

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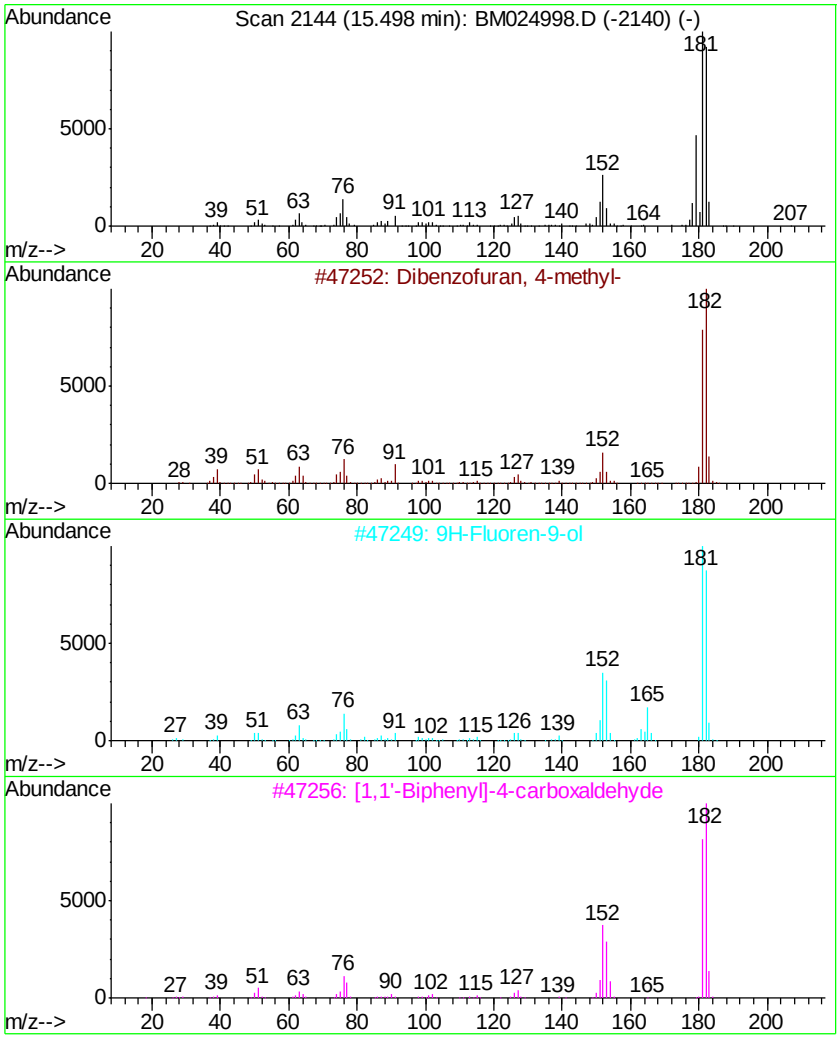
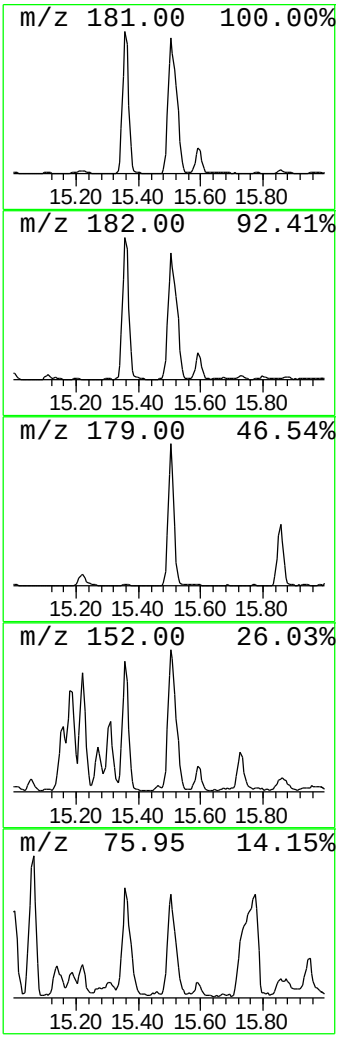
Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	13.44 ng/ul	2028780	Phenanthrene-d10	16.75

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	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59





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Quant Title : SVOA CALIBRATION

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

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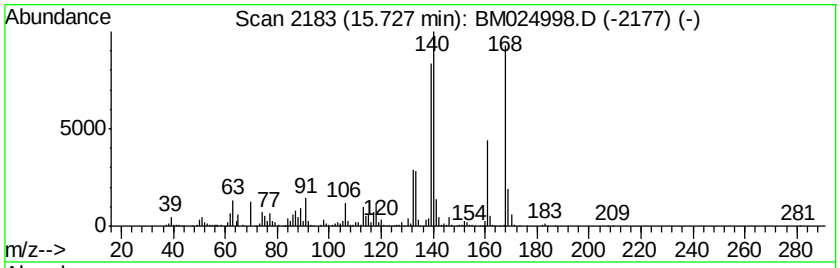
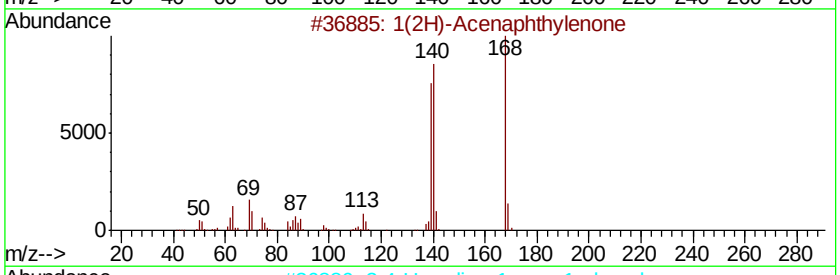
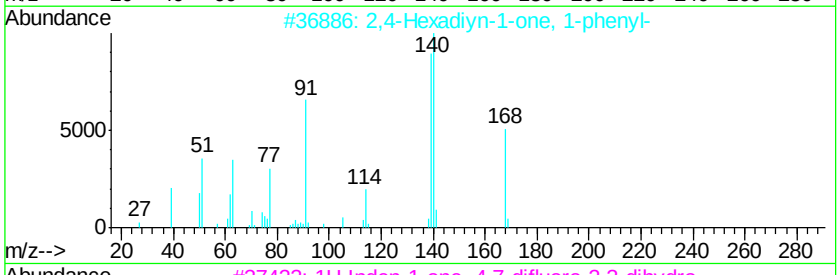
Peak Number 29 1(2H)-Acenaphthylenone Concentration Rank 4

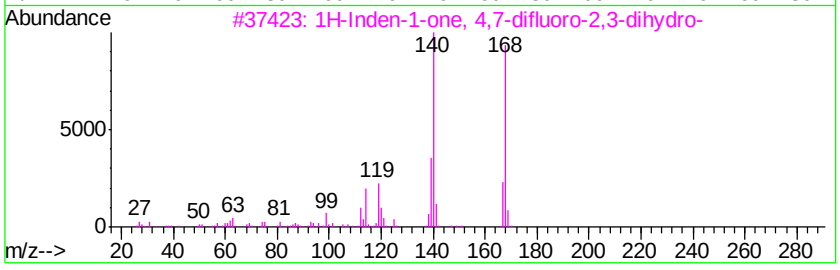
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	59.80 ng/ul	9026060	Phenanthrene-d10	16.75

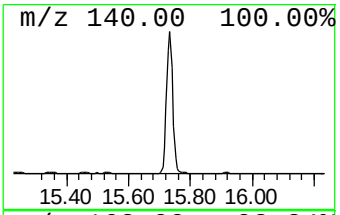
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	70
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	43
4	Dibenzofuran	168	C12H8O	000132-64-9	43
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	38

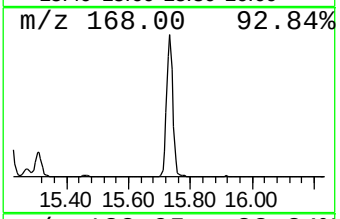


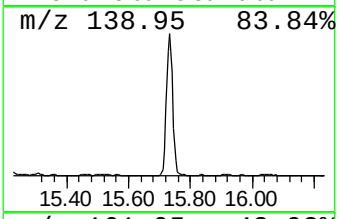


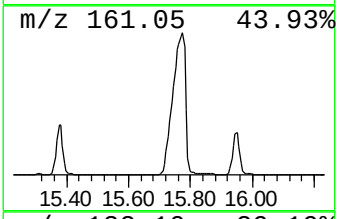


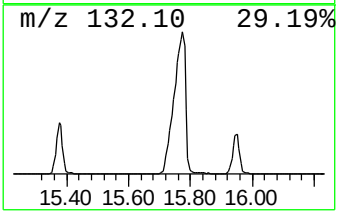












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Quant Title : SVOA CALIBRATION

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

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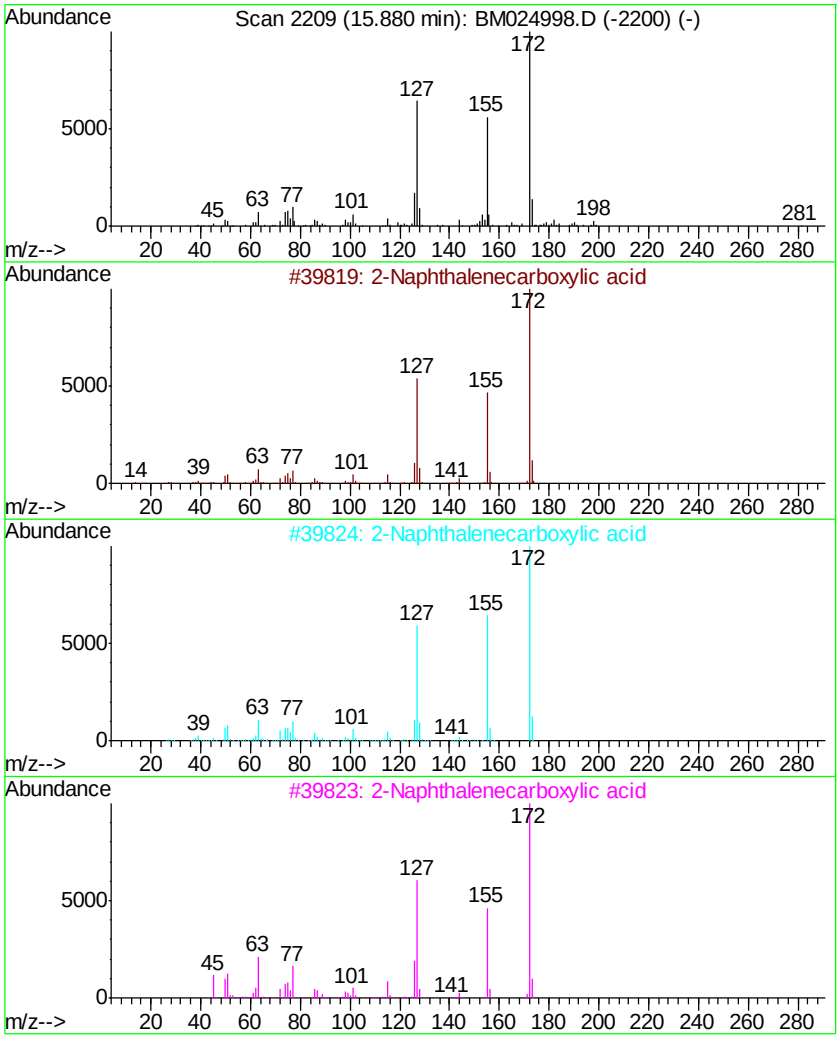
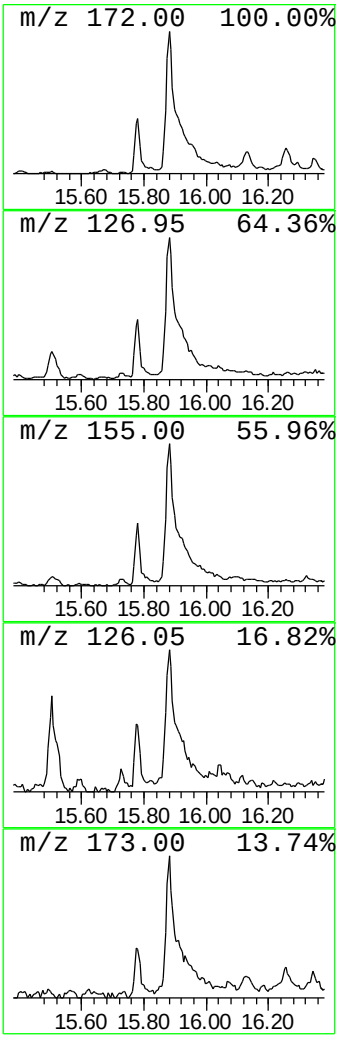
Peak Number 30 2-Naphthalenecarboxylic acid Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	4.80 ng/ul	725228	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	95
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	94
3	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91





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Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

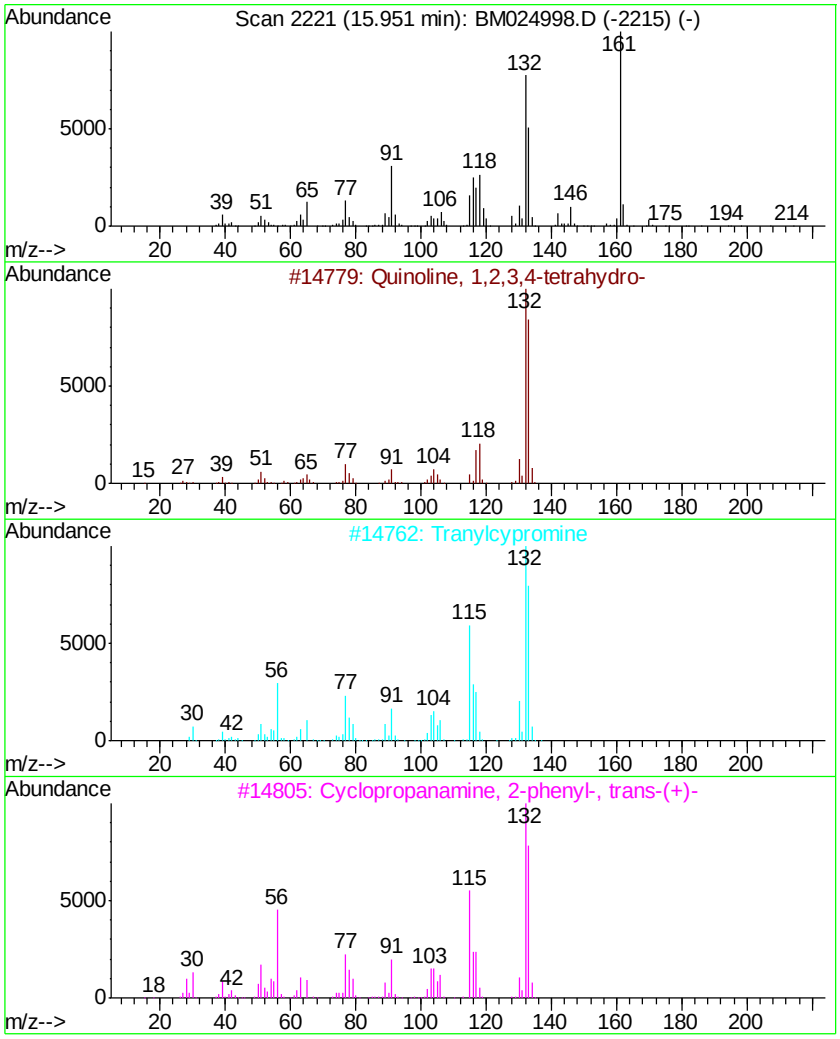
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

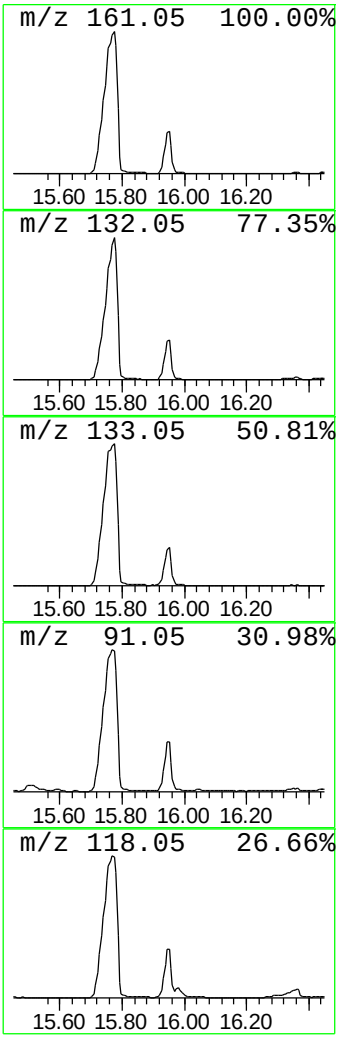
****

Peak Number 31 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	18.63 ng/ul	2811610	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
2	Tranylcypromine	133	C9H11N	000155-09-9	55
3	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	55
4	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	49
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

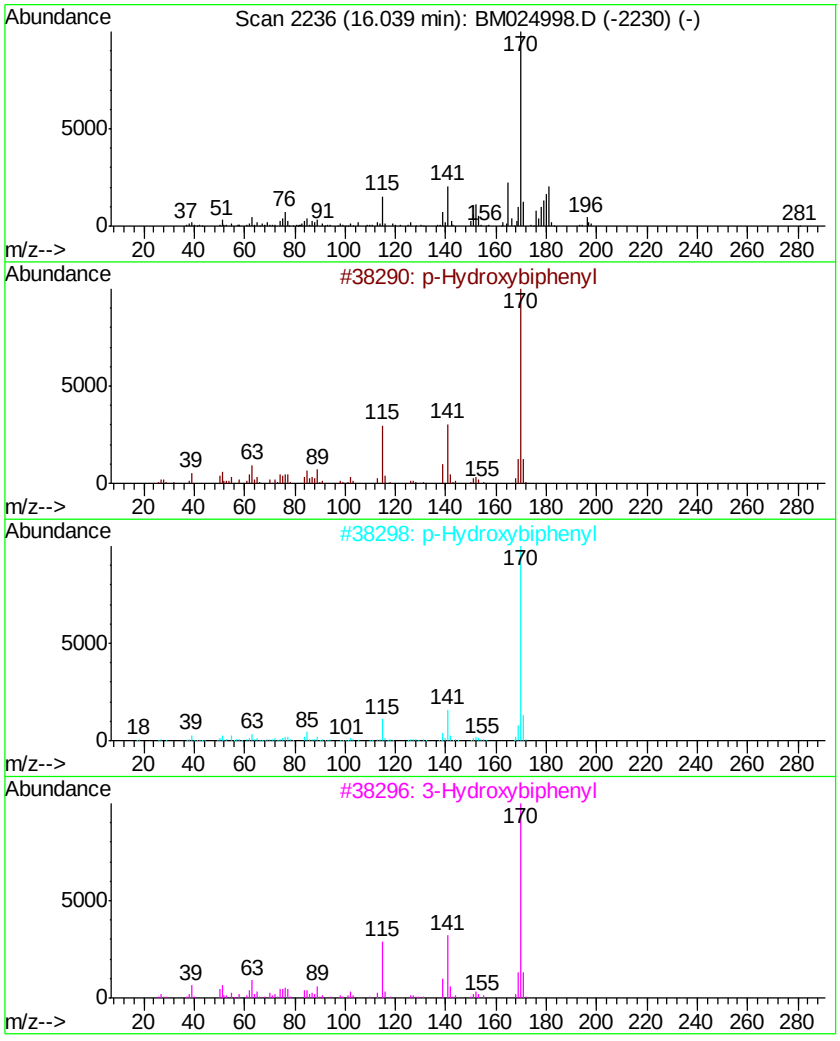
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

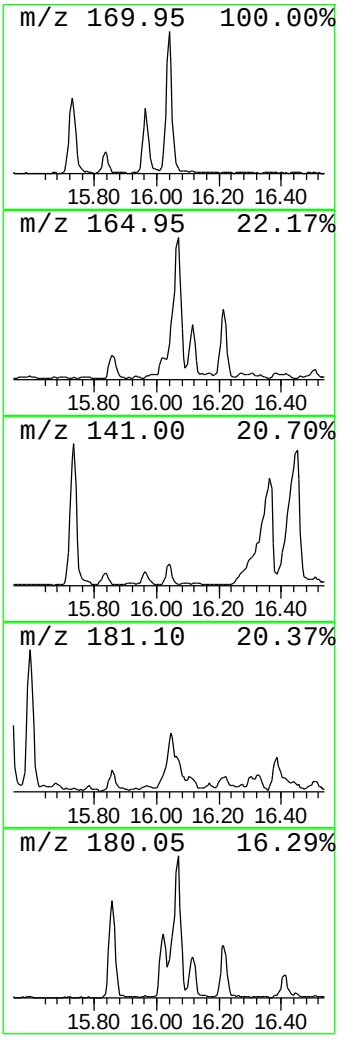
****

Peak Number 32 p-Hydroxybiphenyl Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.73 ng/ul	563694	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	52
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	46
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	46
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	46
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ9

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylbenzene	4.90	19.4	ng/ul	941033	1	7.34	971136	20.0
Benzene, 1,3-dime...	5.03	39.1	ng/ul	1900690	1	7.34	971136	20.0
o-Xylene	5.39	20.7	ng/ul	1004810	1	7.34	971136	20.0
Benzene, 1-ethyl-...	6.45	18.9	ng/ul	915330	1	7.34	971136	20.0
Benzene, 1,2,3-tr...	7.00	66.0	ng/ul	3205590	1	7.34	971136	20.0
Benzofuran	7.06	11.7	ng/ul	569635	1	7.34	971136	20.0
Benzene, 1-methyl...	7.49	42.5	ng/ul	2062110	1	7.34	971136	20.0
Indane	7.71	248.2	ng/ul	12053200	1	7.34	971136	20.0
Benzene, 1-propynyl-	7.87	693.7	ng/ul	33682400	1	7.34	971136	20.0
Benzene, 2-ethyl-...	7.98	9.6	ng/ul	465895	1	7.34	971136	20.0
Bicyclo[2.2.1]hep...	8.57	20.9	ng/ul	1014220	1	7.34	971136	20.0
Benzofuran, 2-met...	8.68	34.8	ng/ul	1691870	1	7.34	971136	20.0
Naphthalene, 1-me...	12.01	3.2	ng/ul	42226000	2	10.13	262459000	20.0
Quinoline, 5-methyl-	12.44	2.9	ng/ul	481271	3	14.00	3295810	20.0
Naphthalene, 1-et...	13.02	19.6	ng/ul	3222920	3	14.00	3295810	20.0
Naphthalene, 1,6-...	13.15	17.1	ng/ul	2826240	3	14.00	3295810	20.0
Naphthalene, 2,6-...	13.32	29.9	ng/ul	4933220	3	14.00	3295810	20.0
Naphthalene, 2,3-...	13.55	9.9	ng/ul	1633730	3	14.00	3295810	20.0
Naphthalene, 2,7-...	13.59	3.0	ng/ul	489271	3	14.00	3295810	20.0
1-Naphthalenecarb...	14.13	41.5	ng/ul	6836090	3	14.00	3295810	20.0
Benzene, [1-(2,4-...	14.32	6.2	ng/ul	1026660	3	14.00	3295810	20.0
Vinyl trans-cinna...	14.50	9.8	ng/ul	1616870	3	14.00	3295810	20.0
Nordiphenamid	15.22	8.4	ng/ul	1384890	3	14.00	3295810	20.0
1,1'-Biphenyl, 2-...	15.31	5.7	ng/ul	931040	3	14.00	3295810	20.0
Dibenzofuran, 4-m...	15.50	13.4	ng/ul	2028780	4	16.75	3018960	20.0
1(2H)-Acenaphthyl...	15.73	59.8	ng/ul	9026060	4	16.75	3018960	20.0
2-Naphthalenecarb...	15.88	4.8	ng/ul	725228	4	16.75	3018960	20.0
Quinoline, 1,2,3,...	15.95	18.6	ng/ul	2811610	4	16.75	3018960	20.0
p-Hydroxybiphenyl	16.04	3.7	ng/ul	563694	4	16.75	3018960	20.0