LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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	338	343	351	rBV	647936	909732	0.24%	0.079%
2	5.034	359	365	380	rBV	1481180	2597621	0.70%	0.225%
3	5.393	416	426	434	rBV2	719373	1318559	0.35%	0.114%
4	6.451	600	606	611	rBV	1566645	2217487	0.60%	0.192%
5	6.510	611	616	620	rVV	687010	1018348	0.27%	0.088%
6	6.587	624	629	639	rVB	1637182	2387668	0.64%	0.207%
7	6.693	639	647	652	rBV	532495	869369	0.23%	0.075%
8	6.881	670	679	686	rBV	613505	1037726	0.28%	0.090%
9	7.004	694	700	707	rVV2	5164929	8070988	2.17%	0.699%
10	7.087	707	714	721	rVB2	489081	908866	0.24%	0.079%
11	7.340	751	757	763	rBV	620380	1015306	0.27%	0.088%
12	7.457	770	777	779	rVV	1463728	2221773	0.60%	0.192%
13	7.487	779	782	787	rVV	2791244	3904205	1.05%	0.338%
14	7.569	792	796	803	rVB	1297418	1930420	0.52%	0.167%
15	7.710	812	820	831	rBV	15562568	24124285	6.49%	2.090%
16	7.881	838	849	861	rBV	28603133	48953954	13.16%	4.240%
17	8.504	948	955	962	rVB2	782112	2071945	0.56%	0.179%
18	8.569	962	966	970	rBV	648496	914096	0.25%	0.079%
19	8.681	979	985	994	rVB	2329377	3627508	0.98%	0.314%
20	8.804	995	1006	1012	rBV	4993775	10430255	2.80%	0.903%
21	8.863	1012	1016	1023	rVB	1652543	2457095	0.66%	0.213%
22	9.204	1066	1074	1078	rBV	457164	1021580	0.27%	0.088%
23	9.245	1078	1081	1091	rVB	572174	891920	0.24%	0.077%
24	9.363	1091	1101	1108	rBV2	1403647	2495968	0.67%	0.216%
25	9.504	1115	1125	1129	rBV	9857945	20499080	5.51%	1.776%
26	9.616	1139	1144	1147	rBV	1613023	3078881	0.83%	0.267%
27	9.657	1147	1151	1159	rVB2	2193666	3877214	1.04%	0.336%
28	9.757	1159	1168	1184	rBV3	771945	2774730	0.75%	0.240%
29	10.245	1223	1251	1256	rVV4	53715218	371910950	100.00%	32.215%
30	10.328	1259	1265	1270	rVV	24004495	32431255	8.72%	2.809%
31	11.663	1487	1492	1503	rVB	1777707	2972526	0.80%	0.257%
32	11.804	1503	1516	1521	rBV3	45392704	101345185	27.25%	8.779%
33	11.898	1526	1532	1539	rVV	2038663	3774185	1.01%	0.327%
34	12.022	1539	1553	1558	rVB	30203869	55935118	15.04%	4.845%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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	12.439	1612	1624	1631	rBV	591580	1098824	0.30%	0.095%
36	12.822	1682	1689	1701	rBV	12411601	18040809	4.85%	1.563%
37	13.016	1717	1722	1734	rVB2	2177185	4277110	1.15%	0.370%
38	13.157	1734	1746	1747	rBV2	2231151	3655187	0.98%	0.317%
39	13.316	1766	1773	1778	rBV	3706119	6503966	1.75%	0.563%
40	13.369	1778	1782	1788	rVV	2555465	3885033	1.04%	0.337%
41	13.427	1788	1792	1797	rVB	1991698	2652711	0.71%	0.230%
42	13.557	1808	1814	1817	rBV	1382619	2212605	0.59%	0.192%
43	13.680	1829	1835	1839	rBV	2374133	3803602	1.02%	0.329%
44	13.716	1839	1841	1850	rVB2	1241043	1685188	0.45%	0.146%
45	13.998	1883	1889	1894	rVV2	2606804	4171146	1.12%	0.361%
46	14.080	1894	1903	1908	rVV	40357638	71417375	19.20%	6.186%
47	14.139	1908	1913	1919	rVV	9082111	13316955	3.58%	1.154%
48	14.204	1919	1924	1936	rVV5	559553	1425152	0.38%	0.123%
49	14.316	1936	1943	1949	rVV2	961208	1591582	0.43%	0.138%
50	14.416	1949	1960	1968	rVV2	26573409	44130768	11.87%	3.823%
51	14.951	2045	2051	2055	rBV3	437814	887388	0.24%	0.077%
52	15.004	2055	2060	2064	rVV	3291234	4883681	1.31%	0.423%
53	15.068	2064	2071	2076	rVV	22593574	32404450	8.71%	2.807%
54	15.139	2079	2083	2088	rVV3	1006629	1911816	0.51%	0.166%
55	15.186	2088	2091	2094	rVV2	895841	1346577	0.36%	0.117%
56	15.221	2094	2097	2102	rVV	1480711	2081101	0.56%	0.180%
57	15.310	2108	2112	2116	rVV	764908	1214563	0.33%	0.105%
58	15.357	2116	2120	2125	rVB2	1308050	1868409	0.50%	0.162%
59	15.504	2140	2145	2153	rVB	1612921	2964453	0.80%	0.257%
60	15.733	2178	2184	2194	rBV	2960808	4057077	1.09%	0.351%
61	15.857	2199	2205	2210	rBV2	1033057	1477332	0.40%	0.128%
62	16.033	2219	2235	2239	rVV	2487942	7072021	1.90%	0.613%
63	16.321	2280	2284	2291	rVB2	557678	1071654	0.29%	0.093%
64	16.568	2319	2326	2339	rVB	1959576	3367249	0.91%	0.292%
65	16.674	2339	2344	2347	rBV	615186	859763	0.23%	0.074%
66	16.751	2347	2357	2360	rVV	1786781	3509354	0.94%	0.304%
67	16.804	2360	2366	2370	rVV	20676743	30687841	8.25%	2.658%
68	16.851	2370	2374	2378	rVV3	4248373	7254146	1.95%	0.628%
69	16.915	2382	2385	2389	rVV2	917622	1337262	0.36%	0.116%
70	17.180	2415	2430	2435	rBV2	28623544	51867546	13.95%	4.493%
71	17.274	2440	2446	2450	rVV2	1676246	3348514	0.90%	0.290%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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	17.327	2450	2455	2460	rVV2	1214586	2106535	0.57%	0.182%
73	17.398	2463	2467	2469	rVV	923093	1323138	0.36%	0.115%
74	17.427	2469	2472	2475	rVV	1126187	1601707	0.43%	0.139%
75	17.486	2479	2482	2485	rVV	710319	1035198	0.28%	0.090%
76	17.598	2495	2501	2504	rVV2	1118027	1864730	0.50%	0.162%
77	17.680	2510	2515	2518	rVV2	4083561	6440263	1.73%	0.558%
78	17.709	2518	2520	2525	rVV	3592778	4316679	1.16%	0.374%
79	17.757	2525	2528	2533	rVV	1166822	1637743	0.44%	0.142%
80	17.821	2533	2539	2546	rVV3	1895249	3807321	1.02%	0.330%
81	17.921	2551	2556	2561	rVV2	1738185	3710361	1.00%	0.321%
82	17.980	2564	2566	2570	rVV	1330862	1726988	0.46%	0.150%
83	18.027	2570	2574	2578	rVV	982934	1600054	0.43%	0.139%
84	18.086	2578	2584	2589	rVV2	1391046	3152270	0.85%	0.273%
85	18.139	2589	2593	2597	rVV	1547218	2066278	0.56%	0.179%
86	18.527	2653	2659	2663	rVV2	1113853	2070854	0.56%	0.179%
87	18.580	2664	2668	2674	rVB4	397996	857723	0.23%	0.074%
88	18.821	2704	2709	2715	rVB	2008898	2518030	0.68%	0.218%
89	18.998	2735	2739	2744	rBV	857026	1191960	0.32%	0.103%
90	19.156	2761	2766	2770	rVV	4911433	7071867	1.90%	0.613%
91	19.209	2773	2775	2789	rVB	1237270	2022221	0.54%	0.175%
92	19.574	2832	2837	2839	rBV	1017488	1419080	0.38%	0.123%
93	19.662	2845	2852	2865	rVB	4068160	6422530	1.73%	0.556%
94	20.268	2949	2955	2959	rBV2	1030384	1736293	0.47%	0.150%
95	20.309	2959	2962	2970	rVB	950131	1457575	0.39%	0.126%
96	20.962	3069	3073	3082	rBV	2828938	3465919	0.93%	0.300%
97	21.433	3148	3153	3160	rBV	584082	960696	0.26%	0.083%
98	22.133	3268	3272	3286	rBV	833322	1191136	0.32%	0.103%
99	22.915	3397	3405	3414	rVV	3891295	6629461	1.78%	0.574%
100	23.044	3422	3427	3437	rVB	2121890	3711231	1.00%	0.321%

Sum of corrected areas: 1154451849

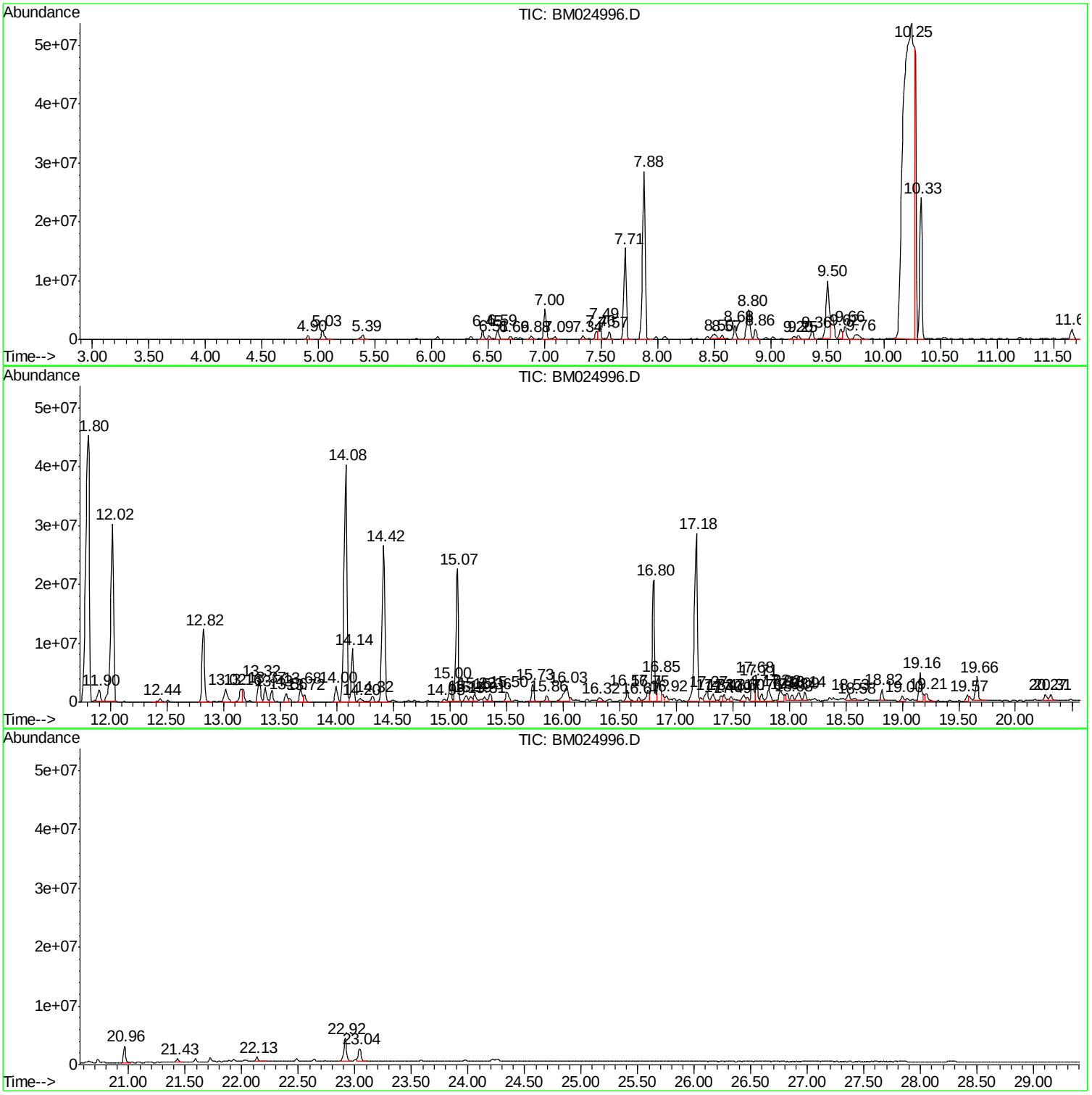
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

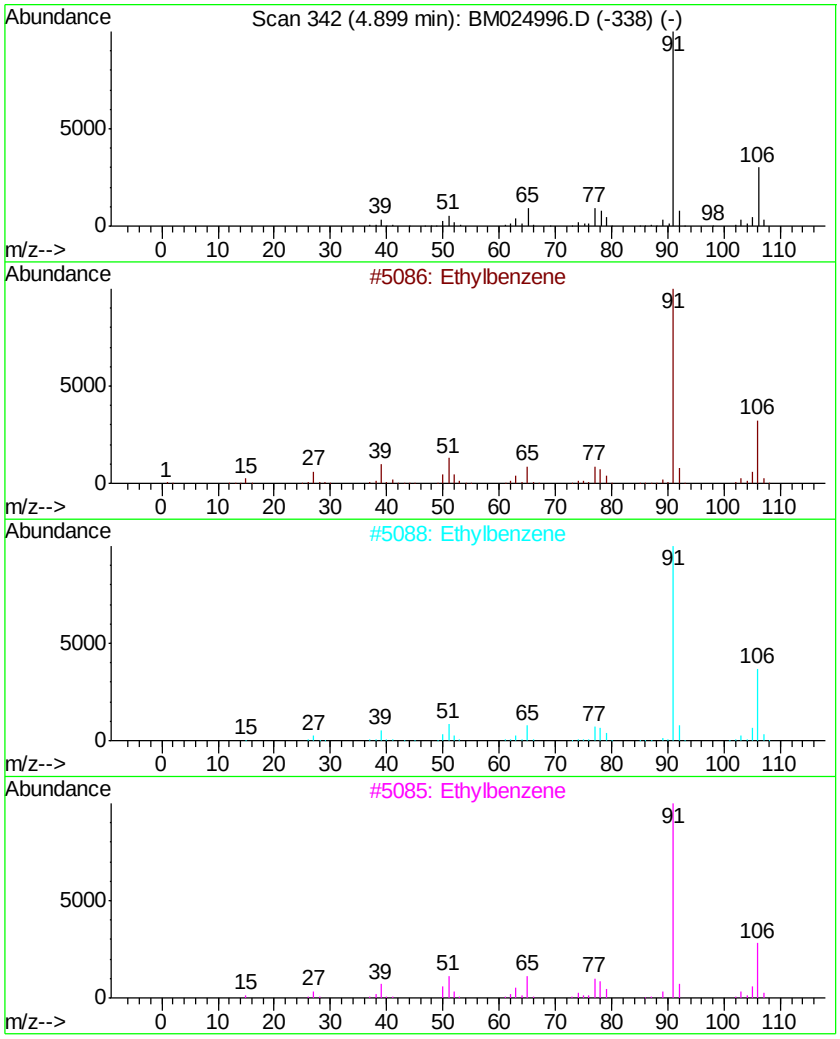
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

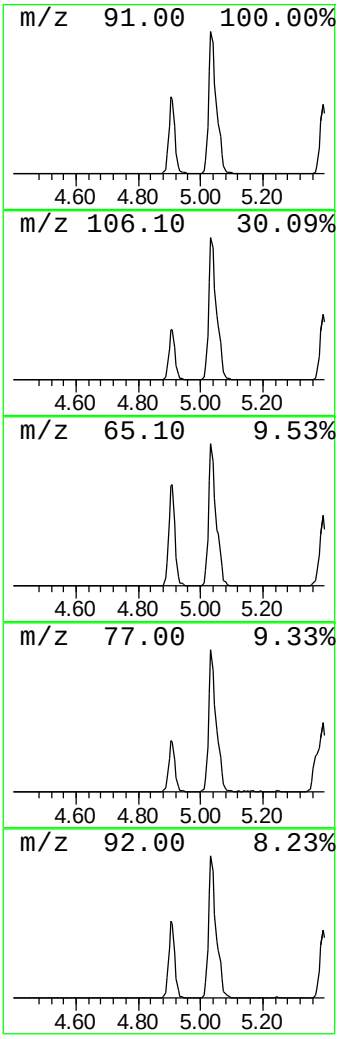
****

Peak Number 1 Ethylbenzene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	17.92 ng/ul	909732	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	87
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	o-Xylene	106	C8H10	000095-47-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

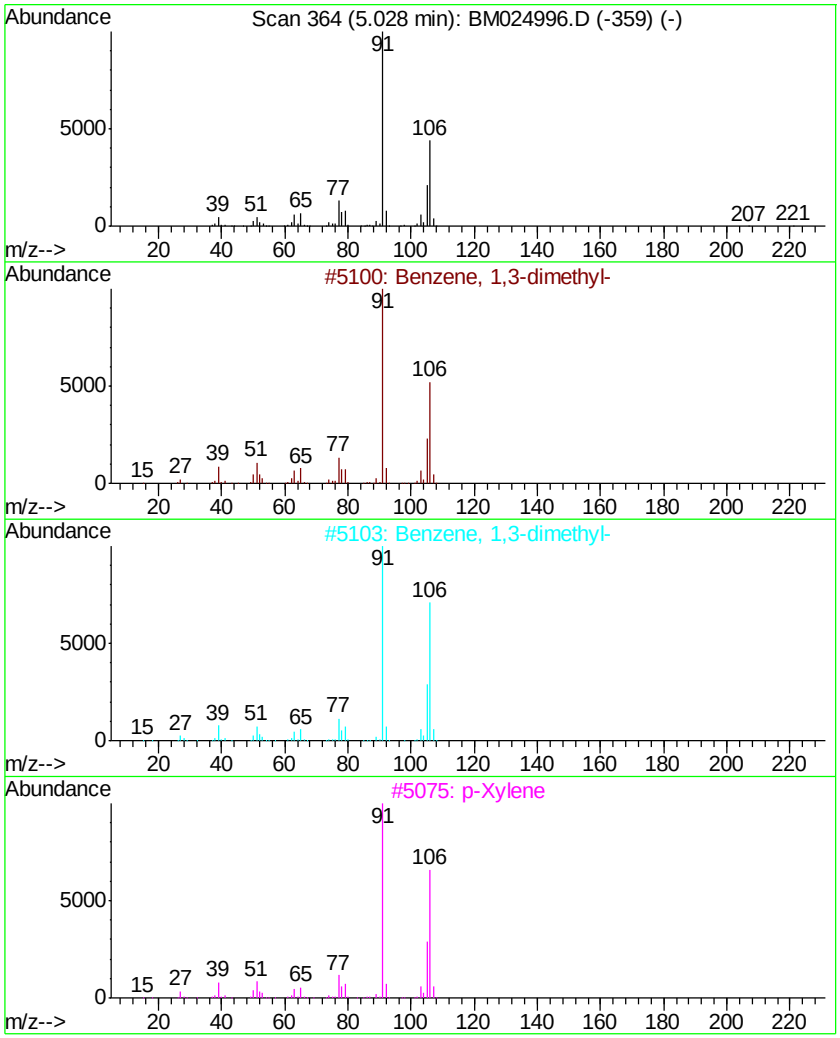
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

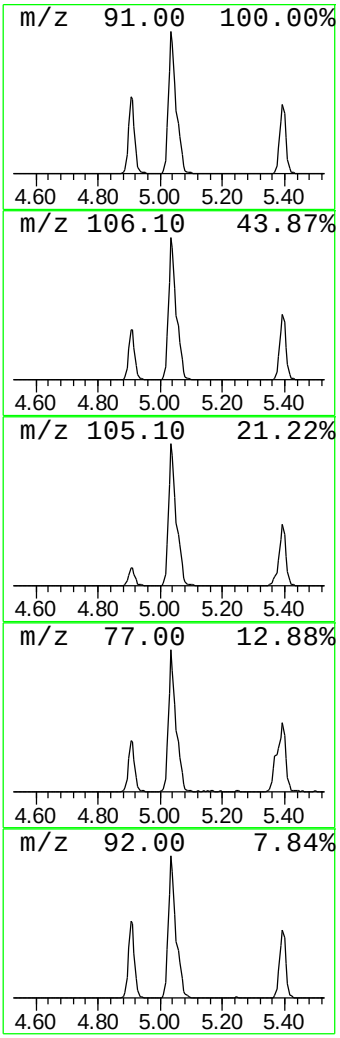
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	51.17 ng/ul	2597620	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

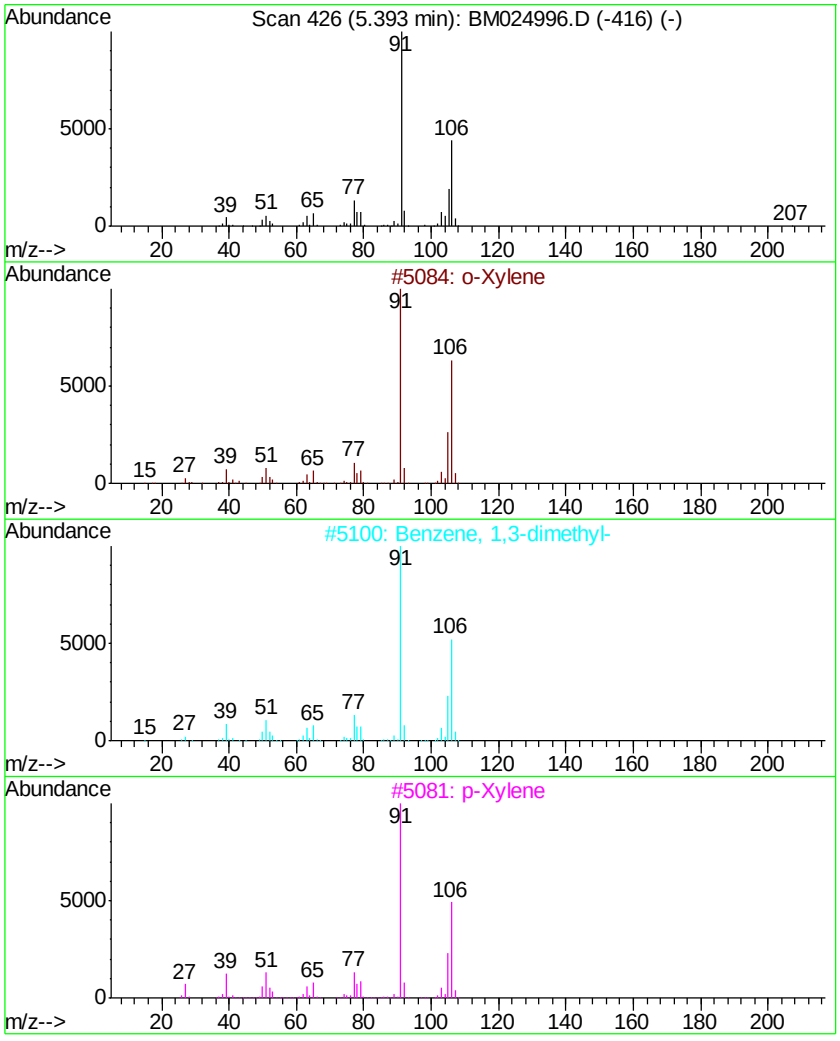
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

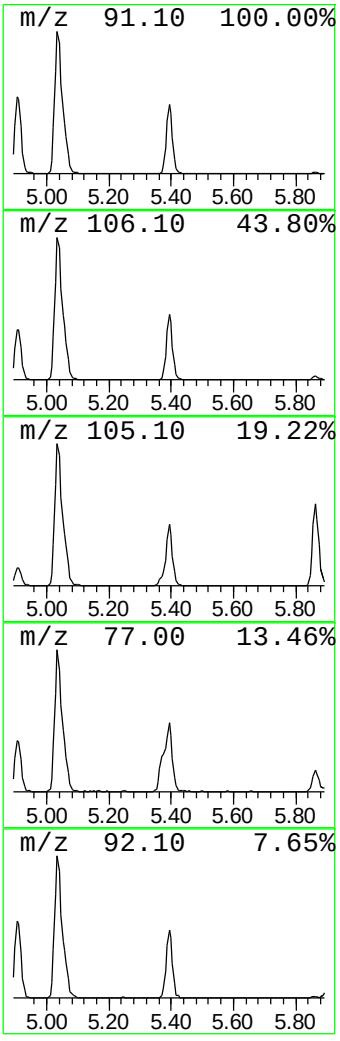
****

Peak Number 3 o-Xylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	25.97 ng/ul	1318560	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

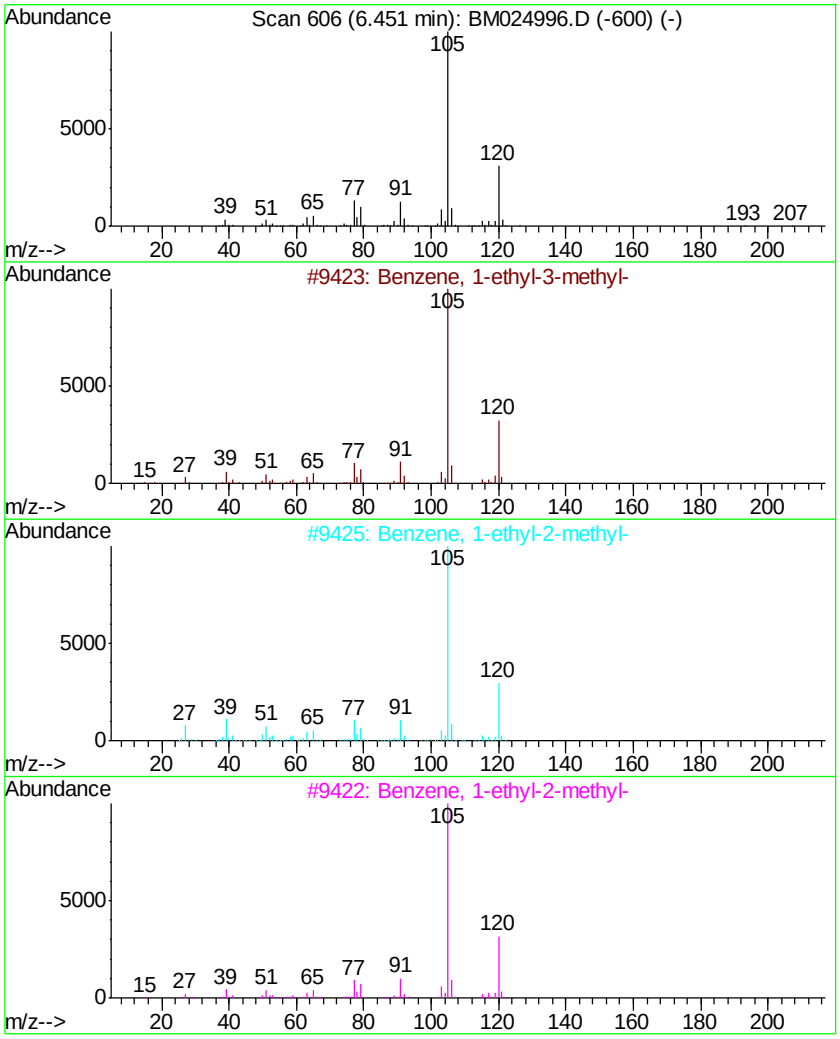
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

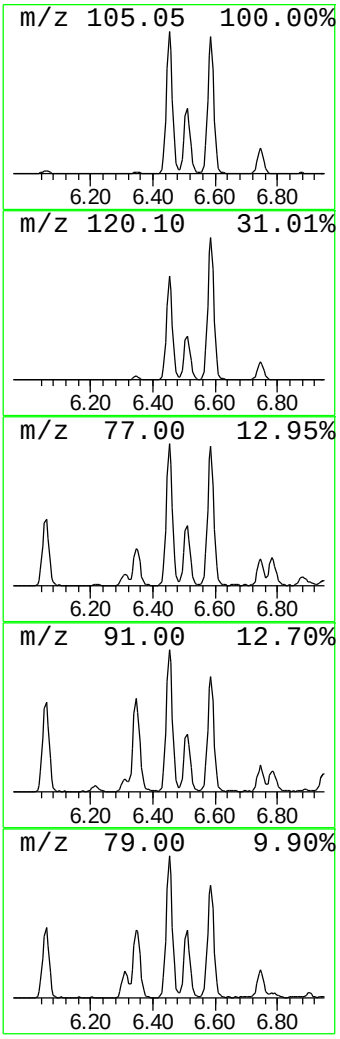
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	43.68 ng/ul	2217490	1,4-Dichlorobenzene-d4	7.34

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	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

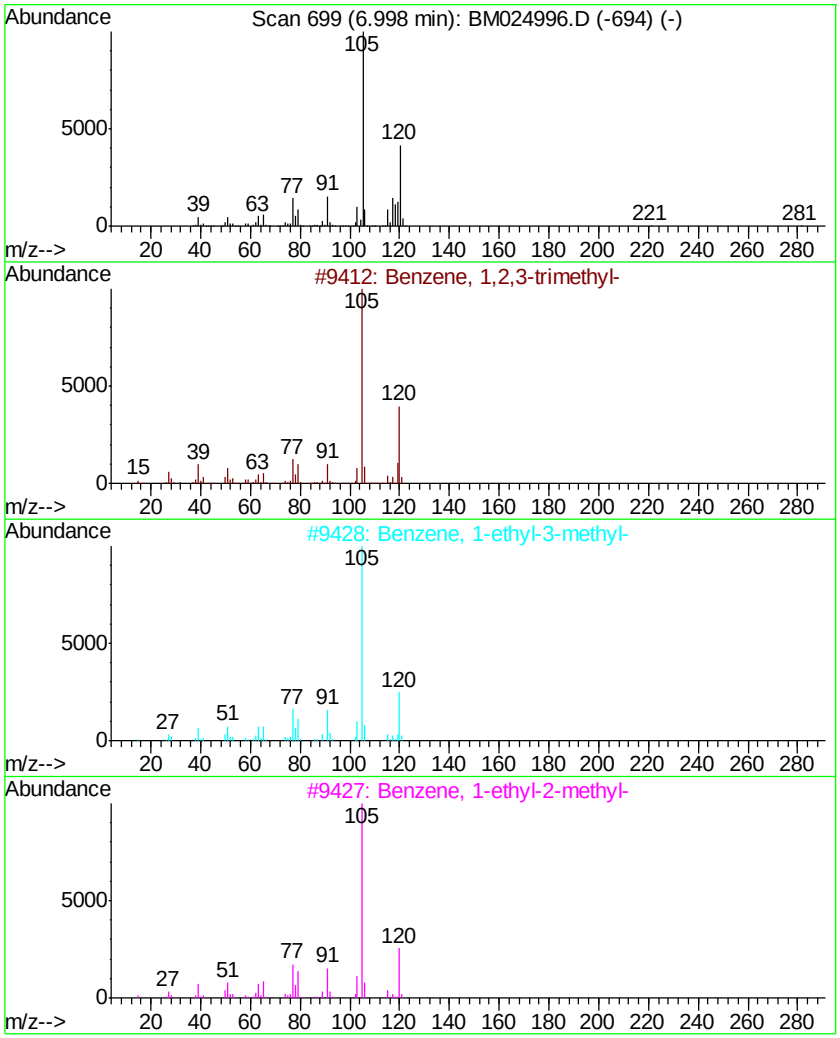
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

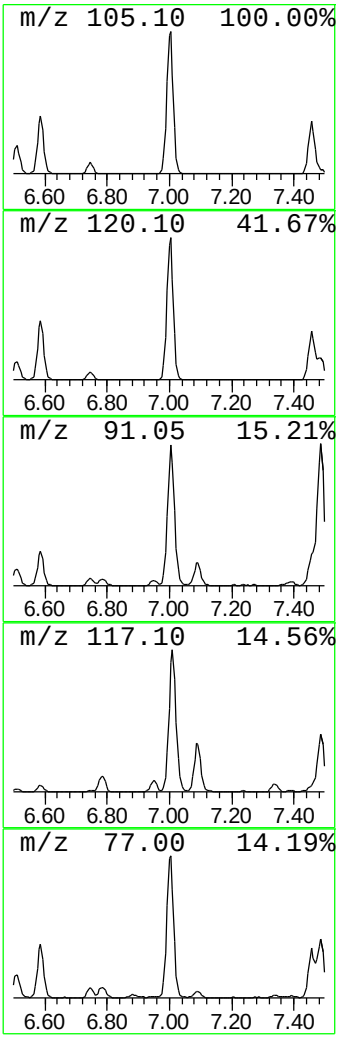
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	158.99 ng/ul	8070990	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	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Mesitylene	120	C9H12	000108-67-8	70
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70





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Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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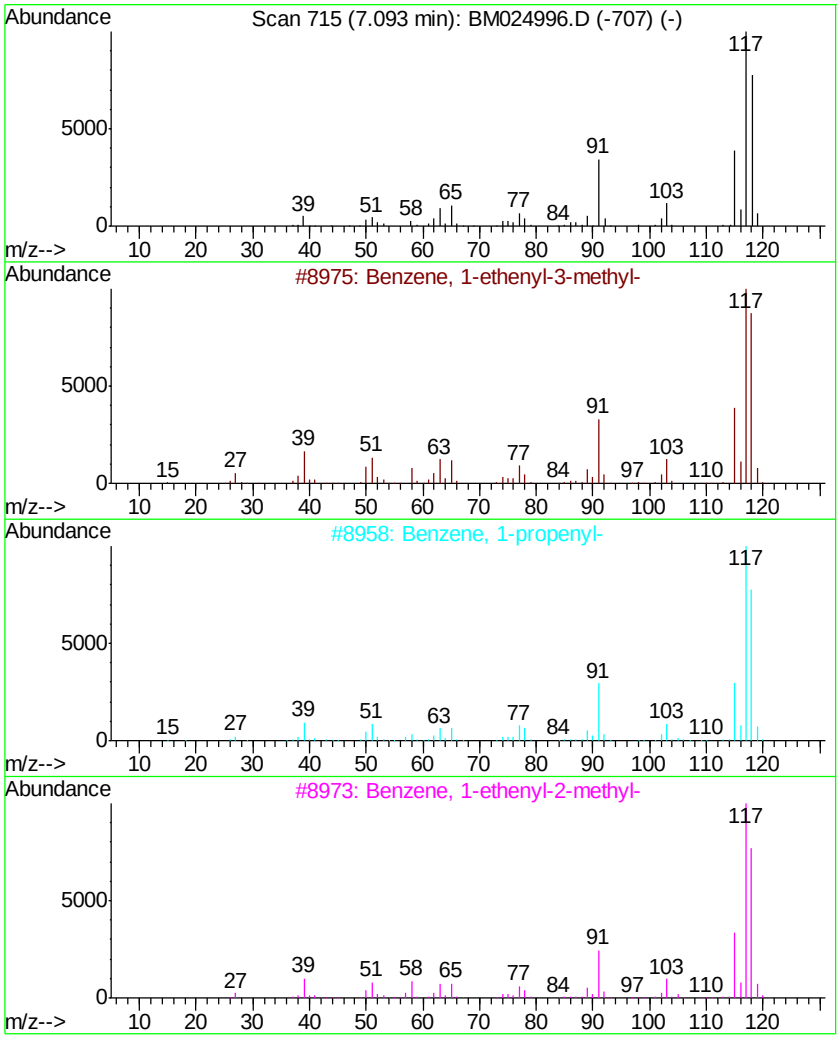
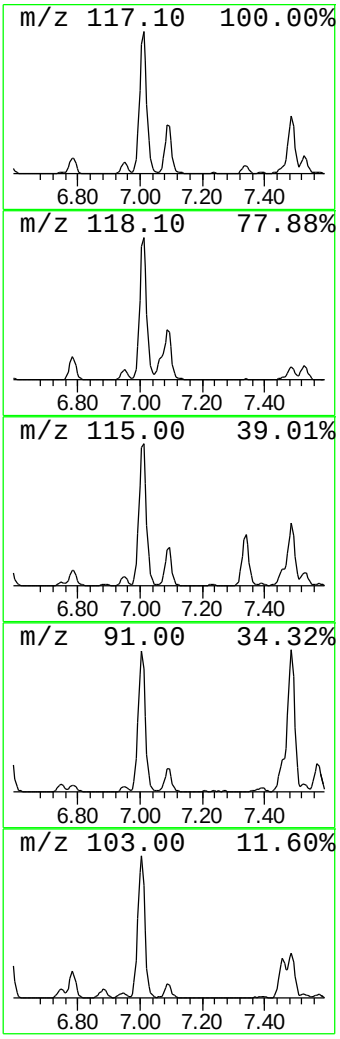
Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	17.90 ng/ul	908866	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90





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Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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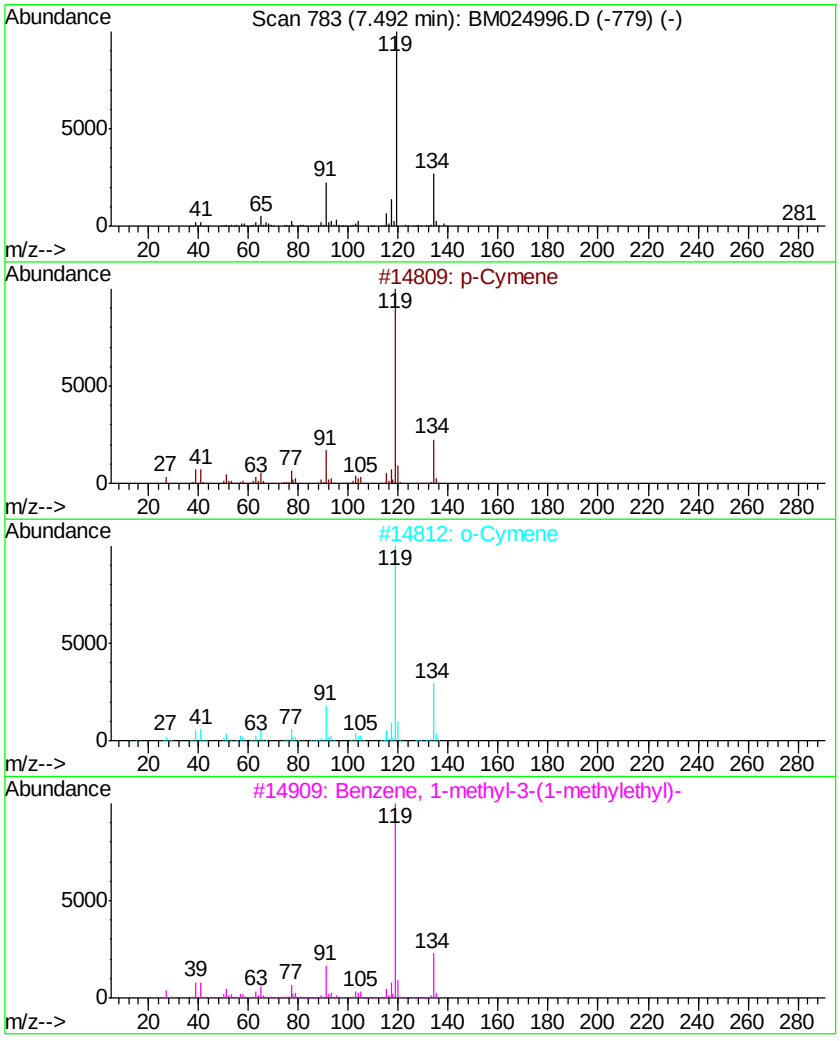
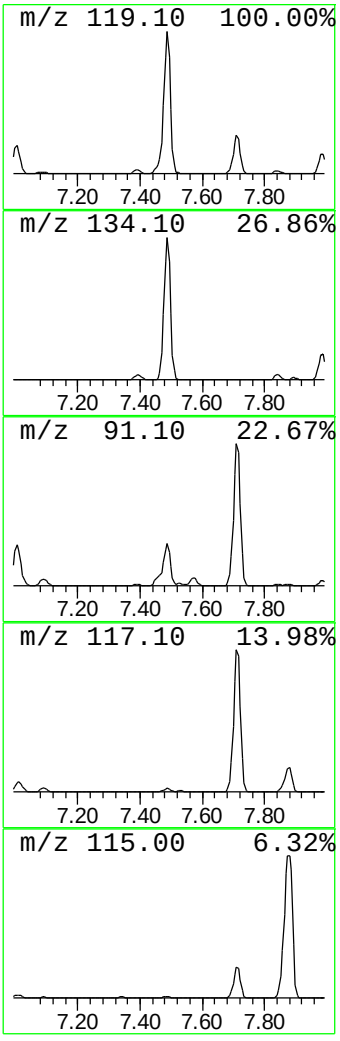
Peak Number 8 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	76.91 ng/ul	3904210	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	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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Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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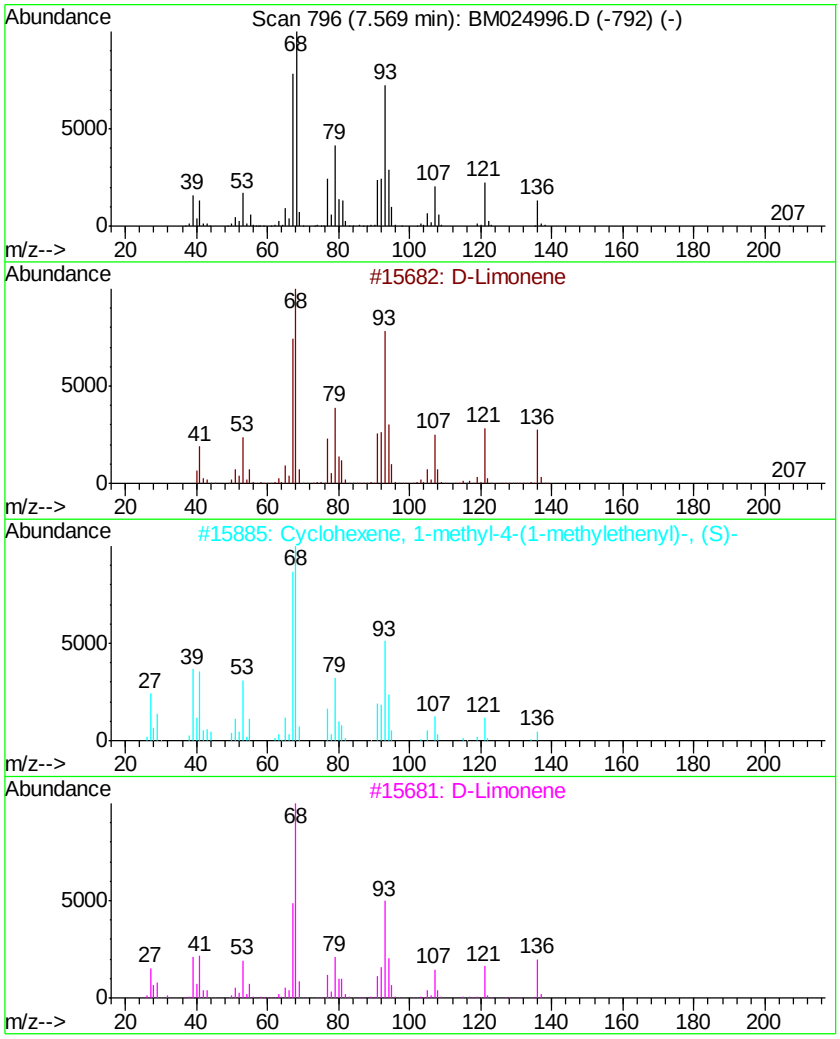
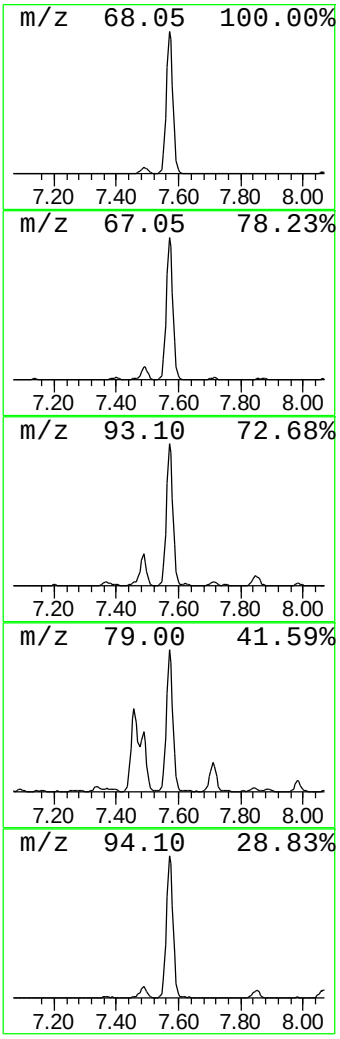
Peak Number 9 D-Limonene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	38.03 ng/ul	1930420	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	D-Limonene	136	C10H16	005989-27-5	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	D-Limonene	136	C10H16	005989-27-5	93





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Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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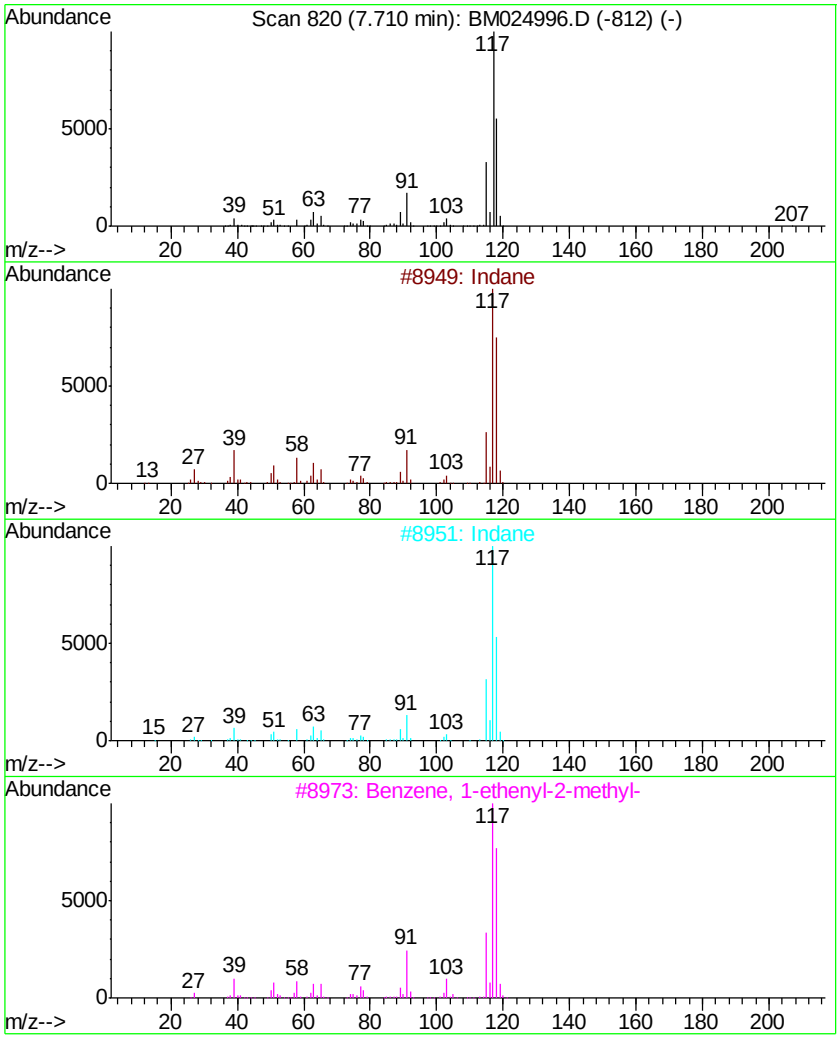
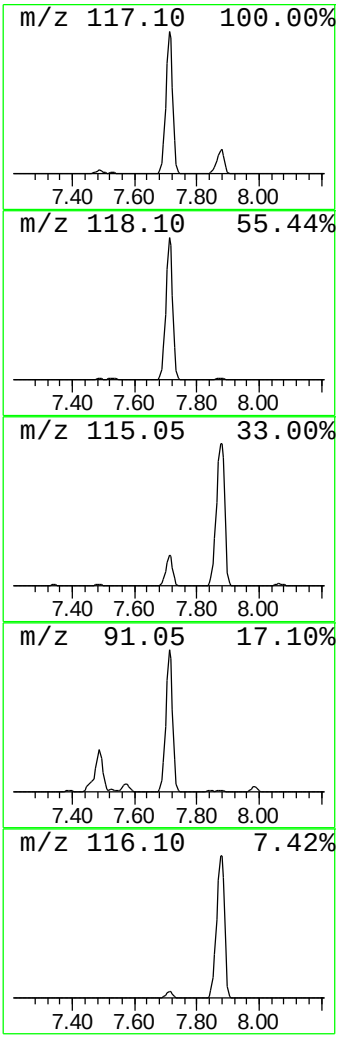
Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	475.21 ng/ul	24124300	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-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Quant Title : SVOA CALIBRATION

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

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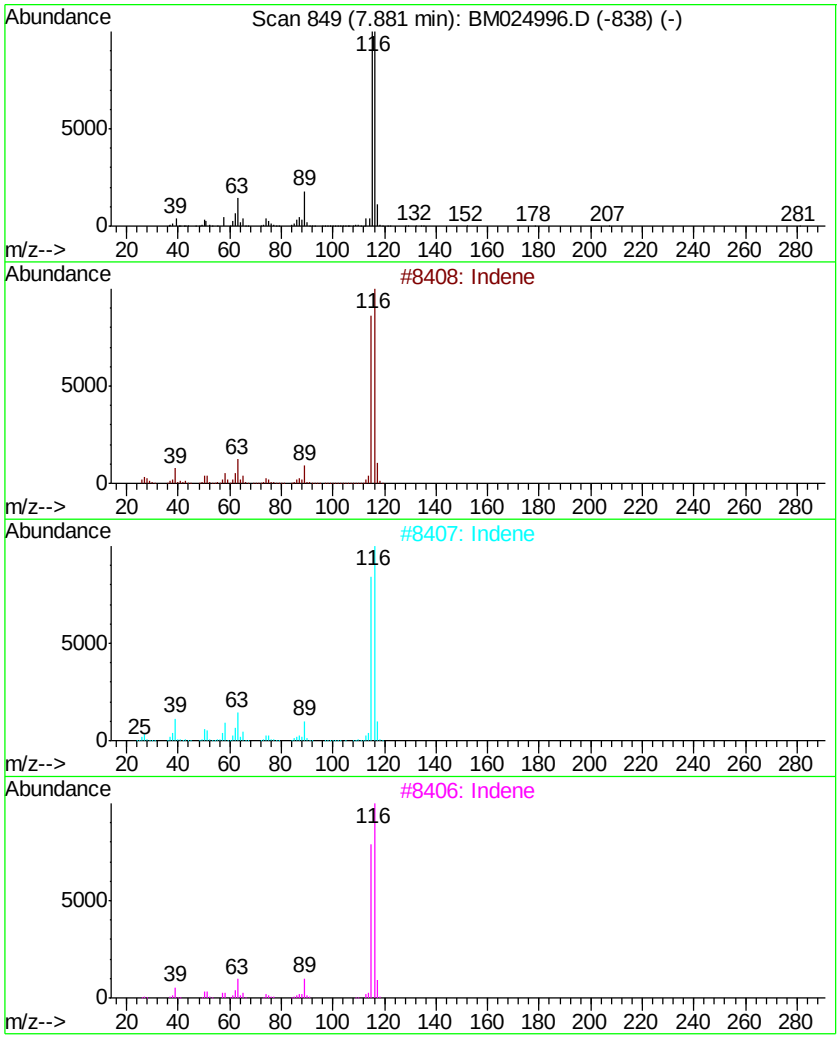
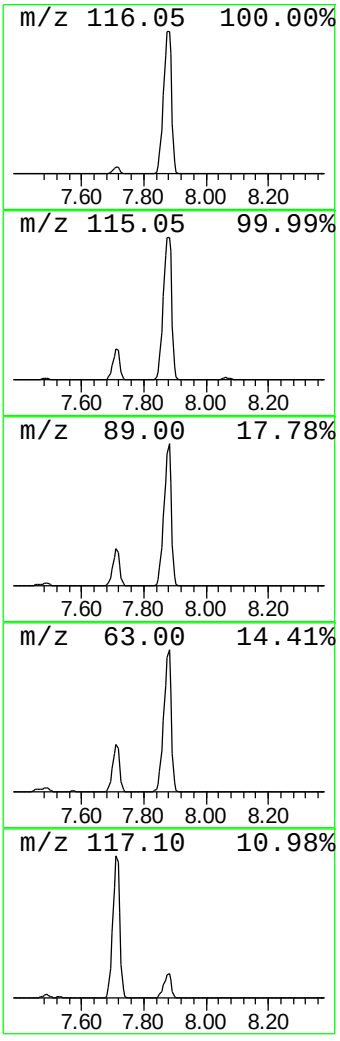
Peak Number 11 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	964.32 ng/ul	48954000	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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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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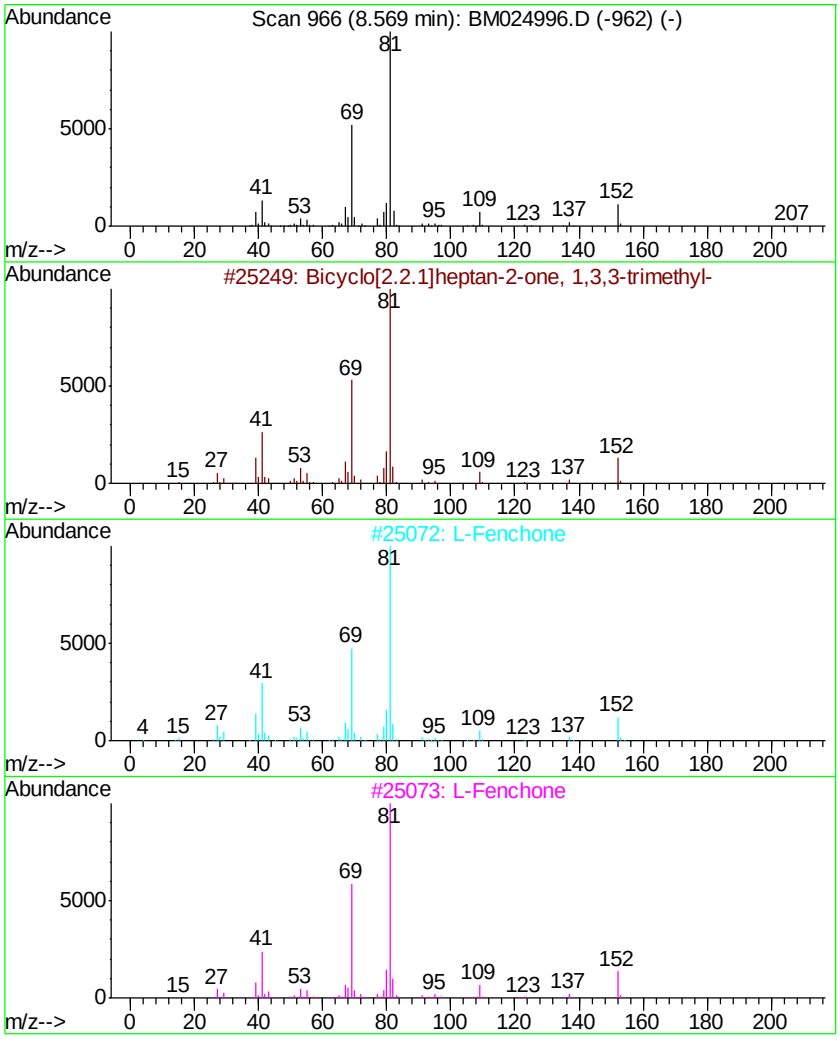
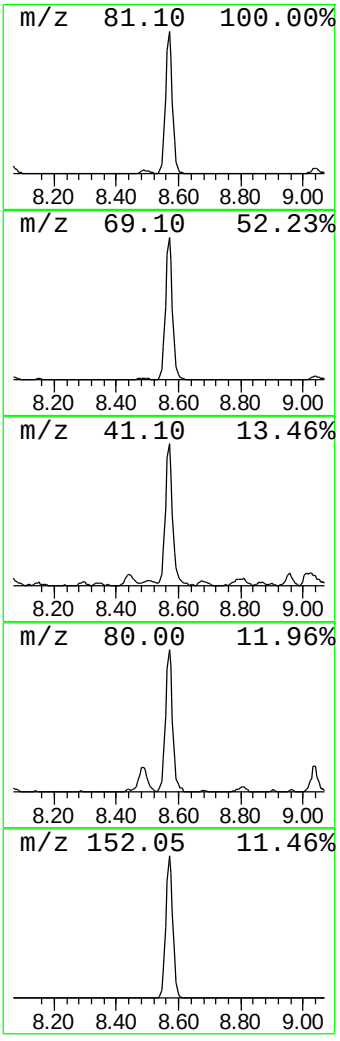
Peak Number 12 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	18.01 ng/ul	914096	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	94
2	L-Fenchone	152	C10H16O	007787-20-4	94
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
5	D-Fenchone	152	C10H16O	004695-62-9	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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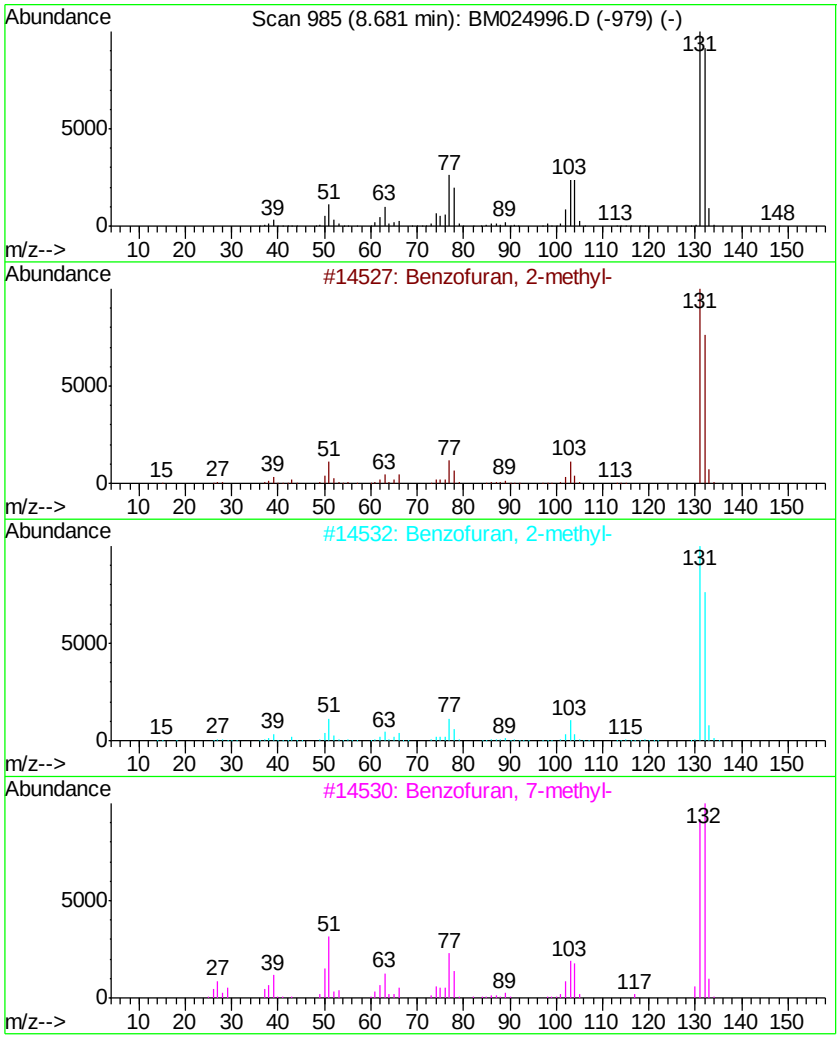
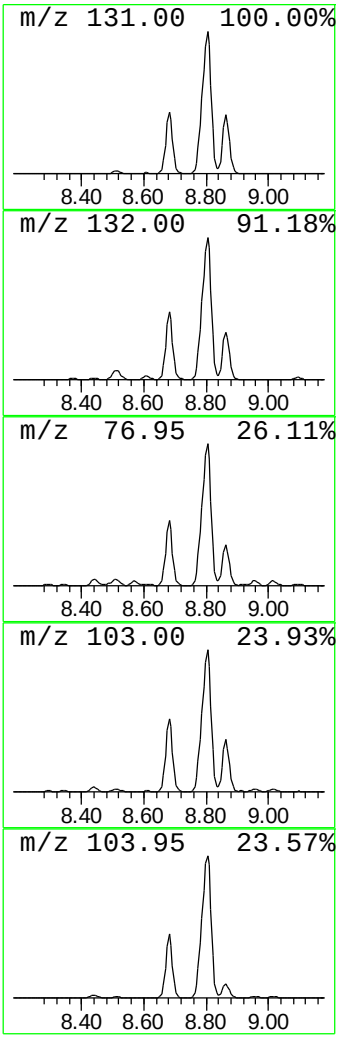
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	71.46 ng/ul	3627510	1,4-Dichlorobenzene-d4	7.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





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Quant Title : SVOA CALIBRATION

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

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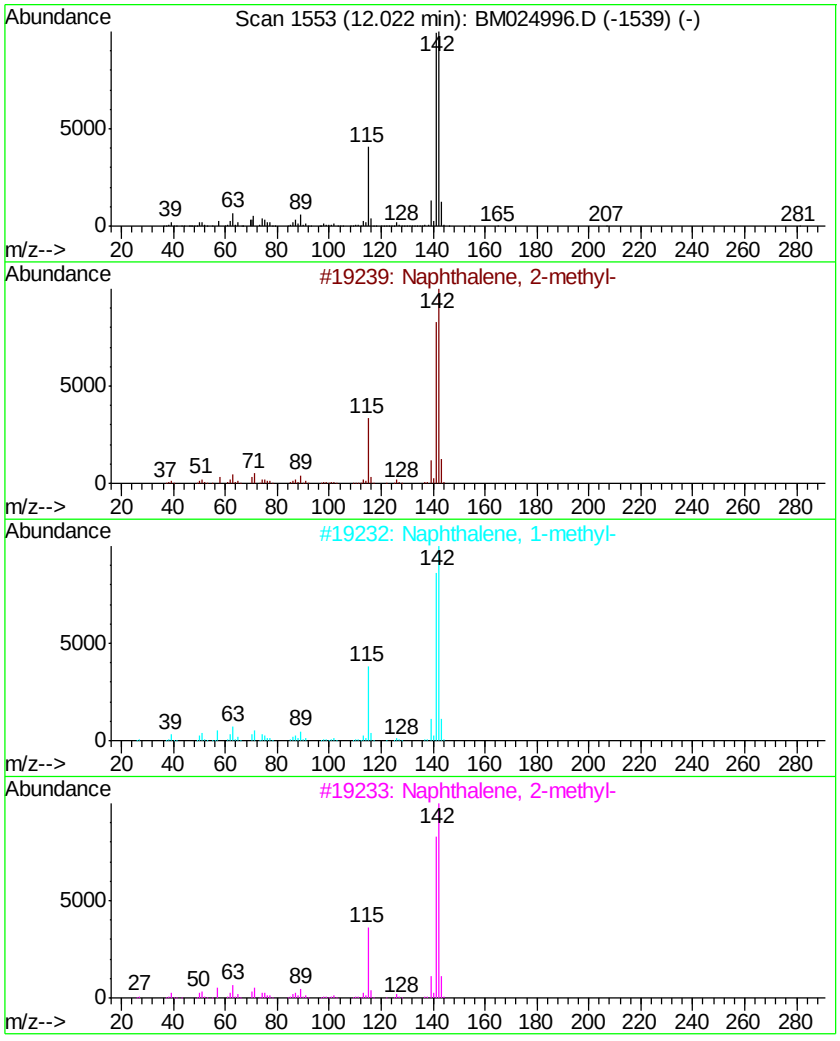
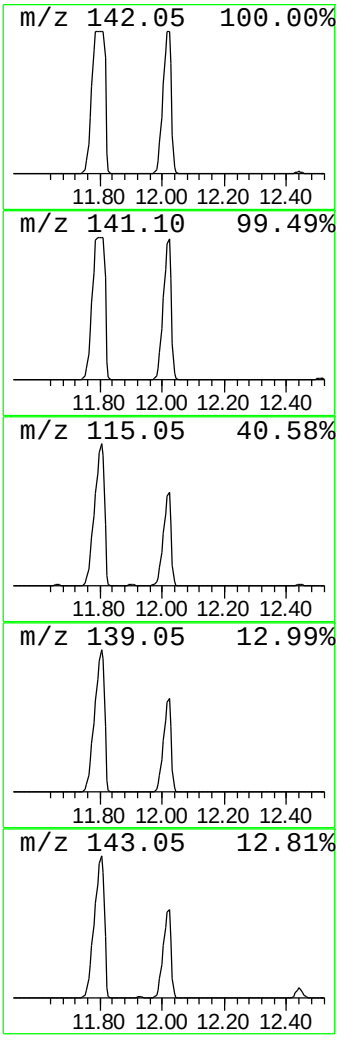
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.01 ng/ul	55935100	Naphthalene-d8	10.16

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





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Quant Title : SVOA CALIBRATION

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

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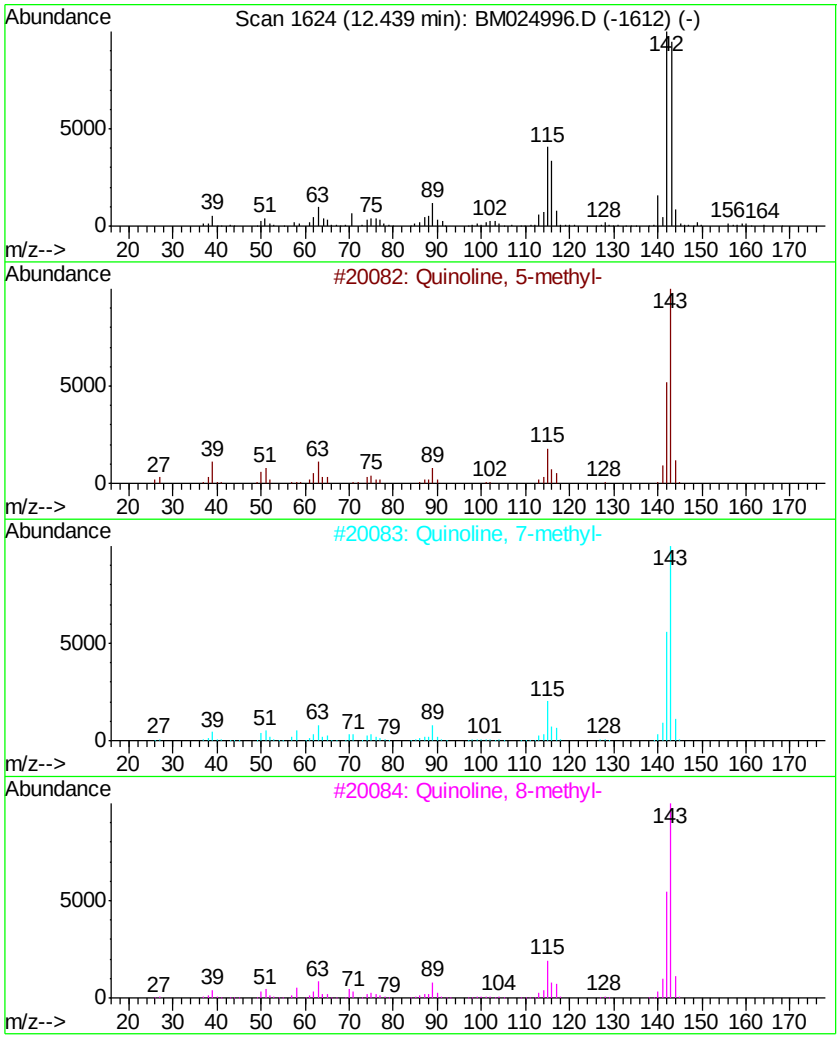
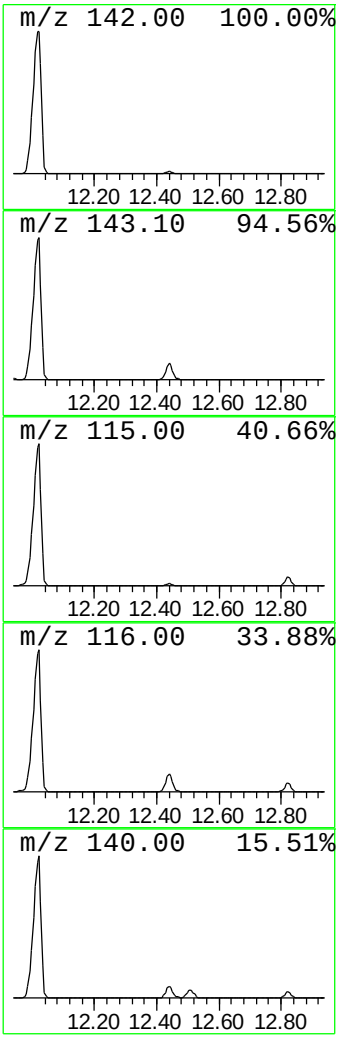
Peak Number 15 Quinoline, 5-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.27 ng/ul	1098820	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	86
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	68
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	68
4	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	59
5	1-Propene, 3-cyano-1-phenyl-	143	C10H9N	1000164-96-2	52





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	20.51 ng/ul	4277110	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
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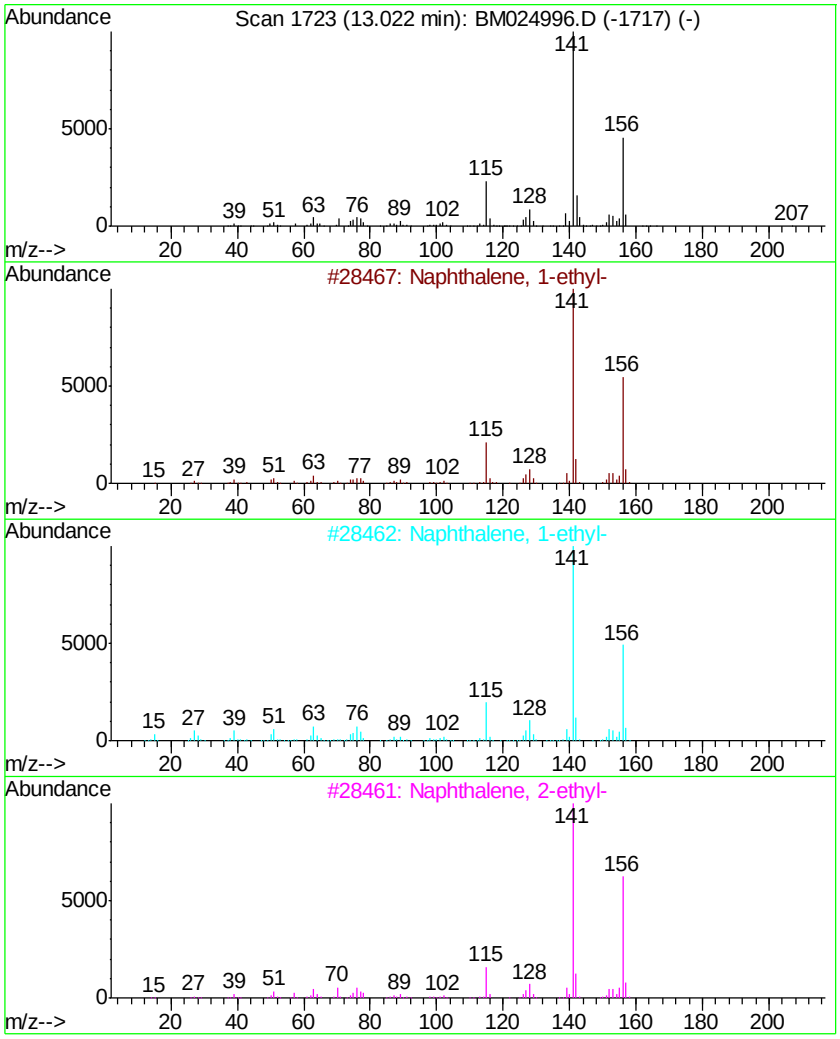
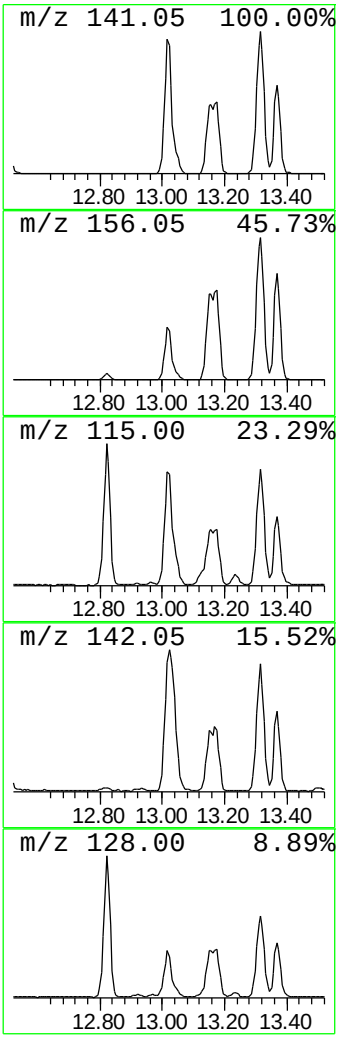
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Quant Title : SVOA CALIBRATION

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

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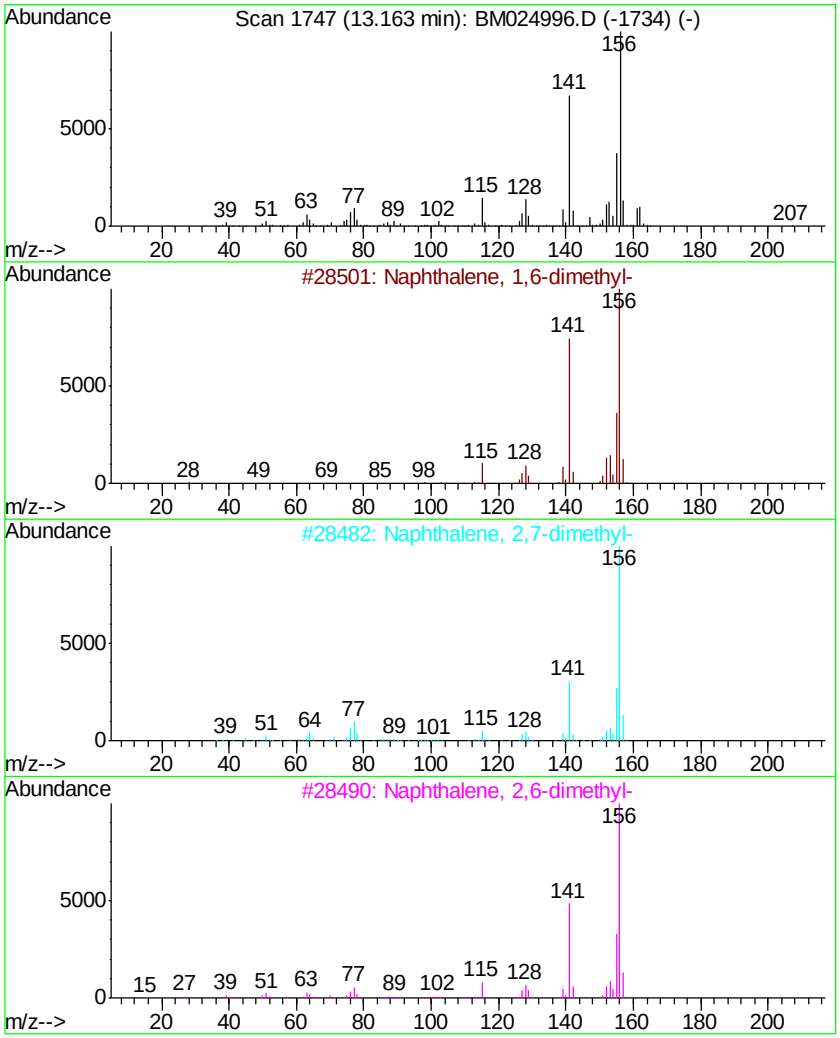
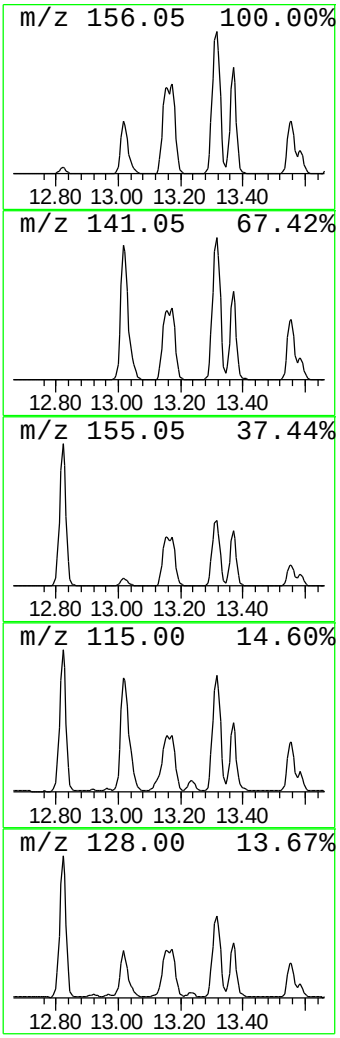
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	17.53 ng/ul	3655190	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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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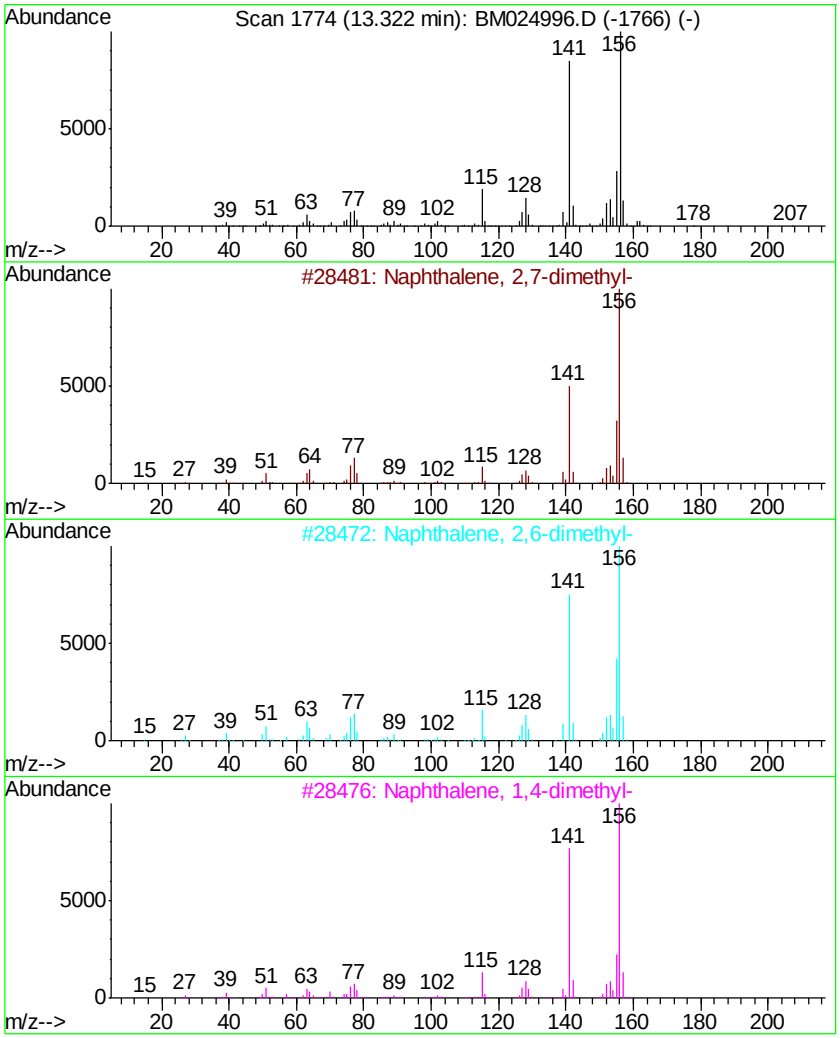
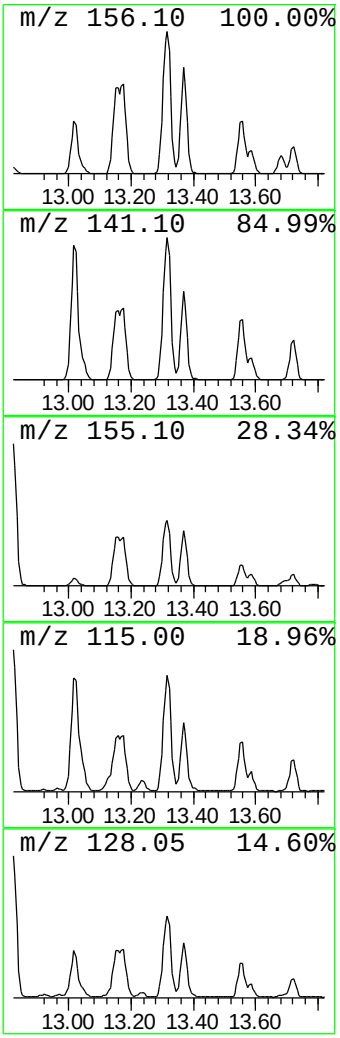
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	31.19 ng/ul	6503970	Acenaphthene-d10	14.00

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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Sample : L1582-05
Misc :
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Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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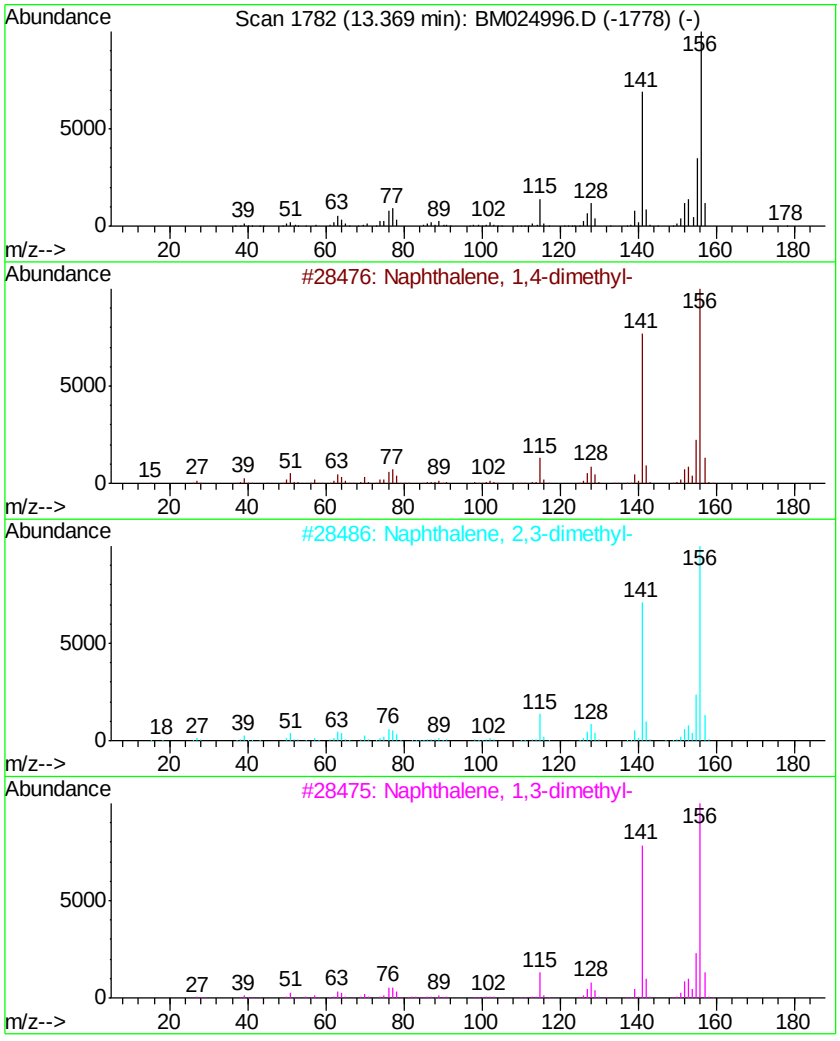
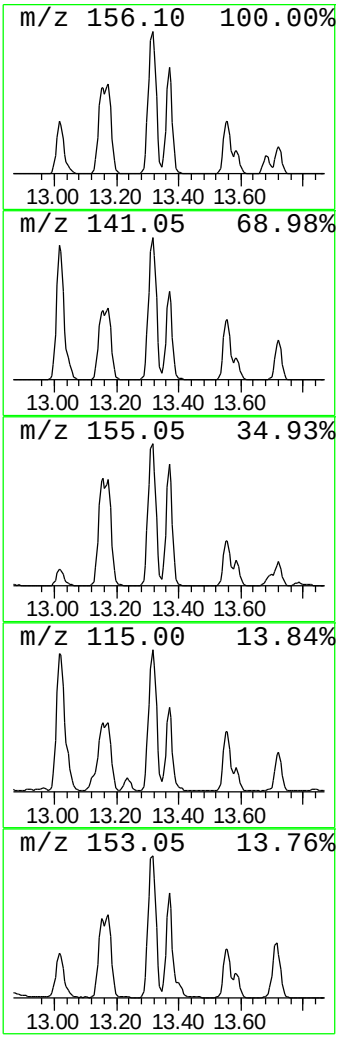
Peak Number 19 Naphthalene, 1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	18.63 ng/ul	3885030	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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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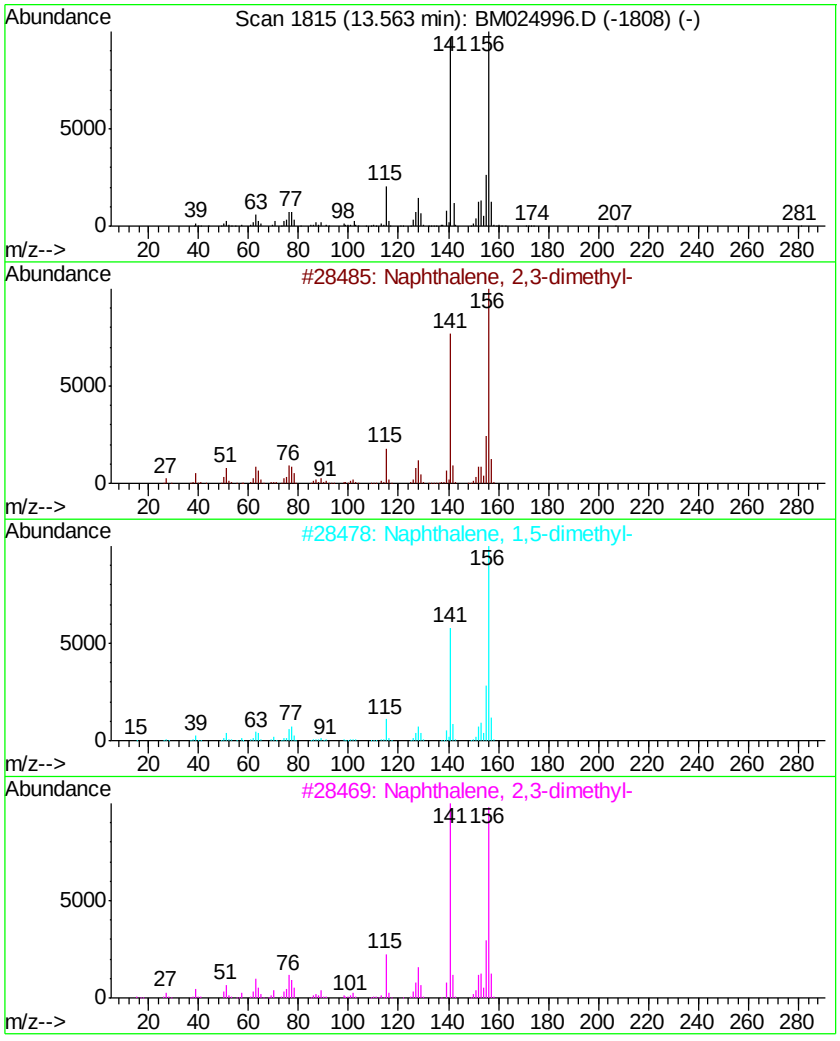
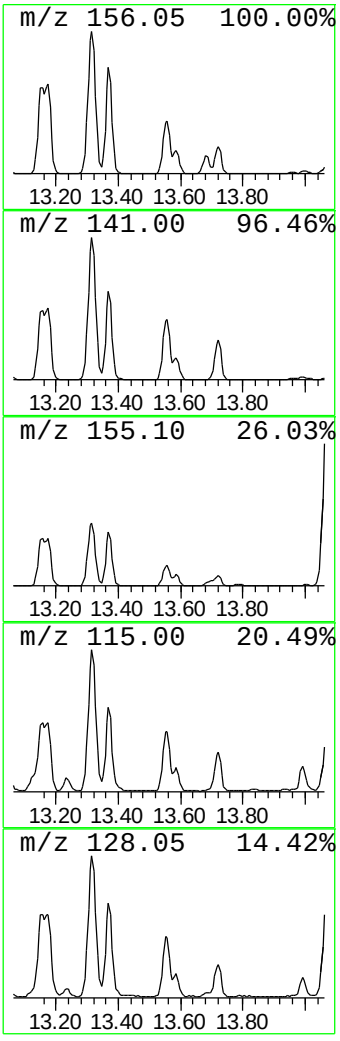
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	10.61 ng/ul	2212610	Acenaphthene-d10	14.00

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





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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Quant Title : SVOA CALIBRATION

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

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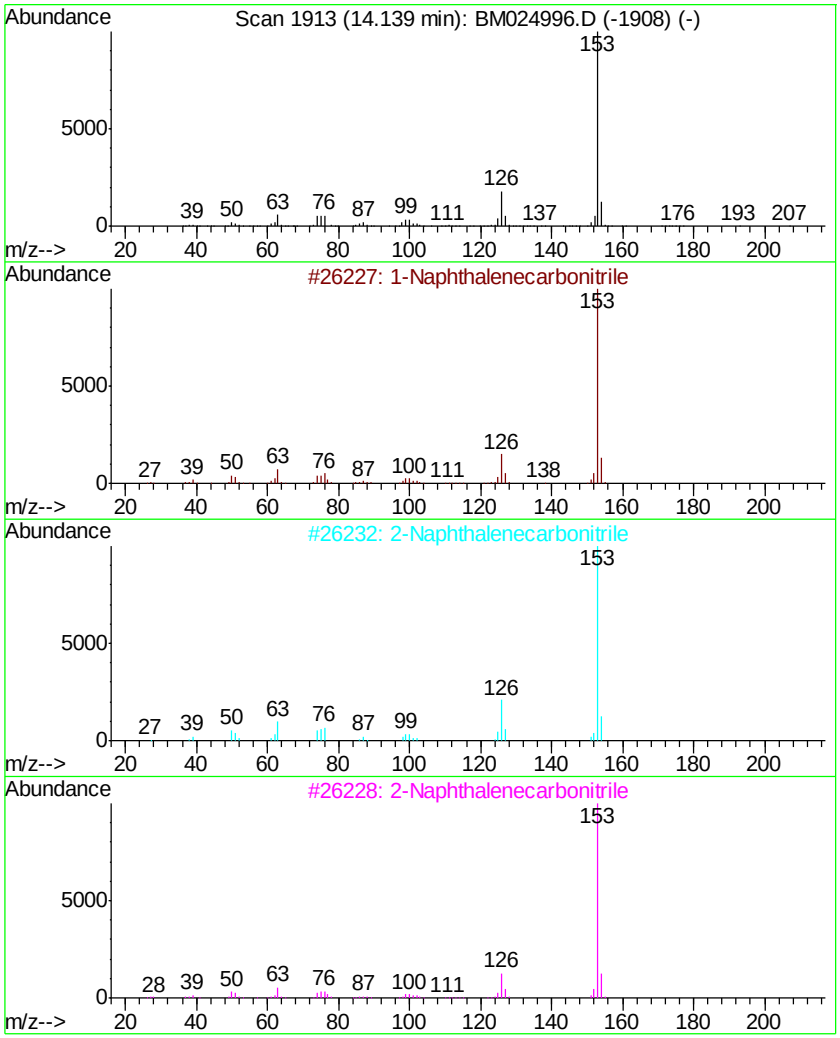
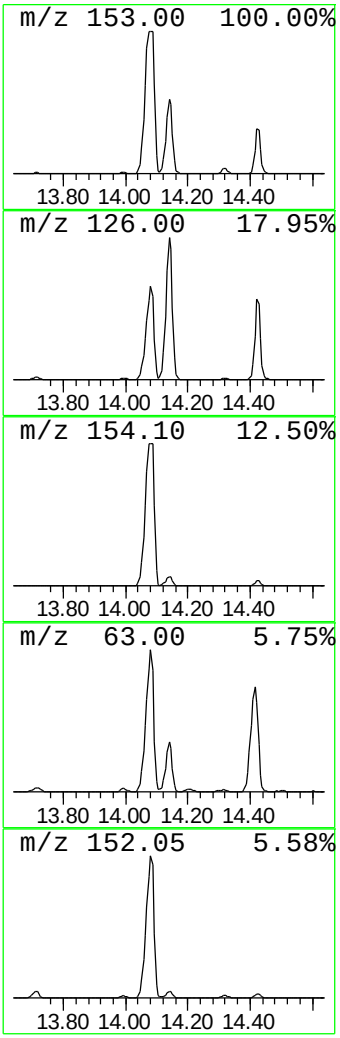
Peak Number 21 1-Naphthalenecarbonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	63.85 ng/ul	13317000	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	90





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Quant Title : SVOA CALIBRATION

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

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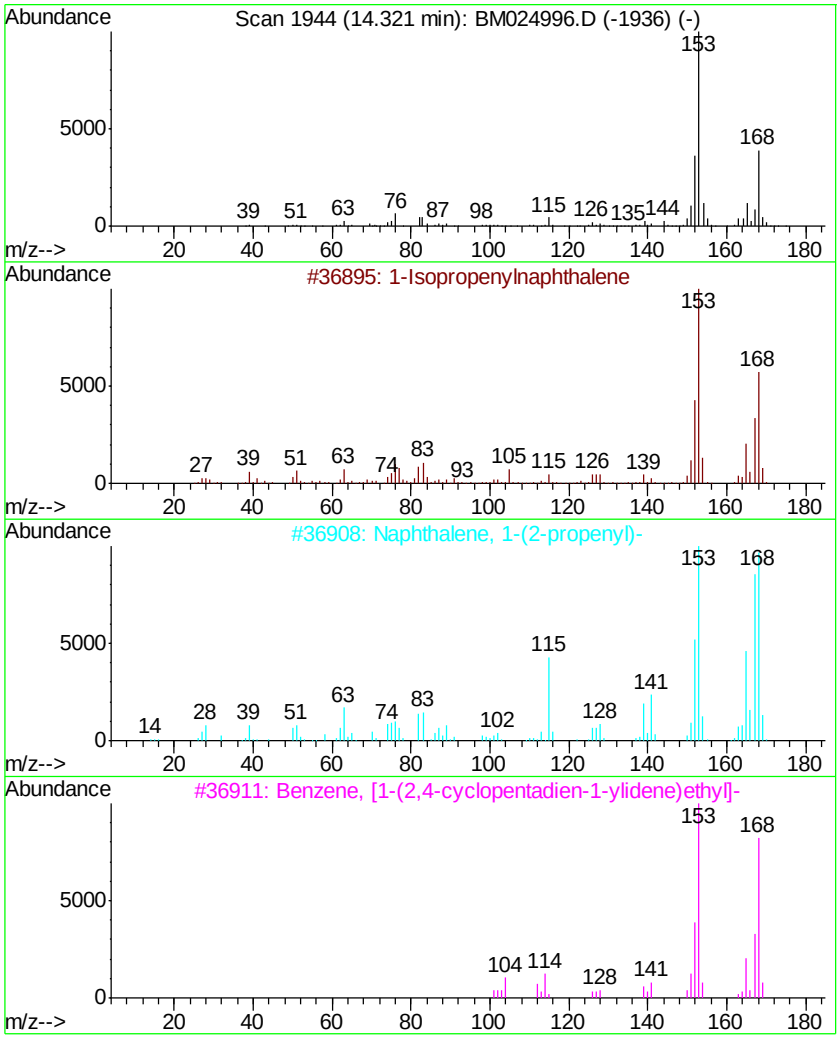
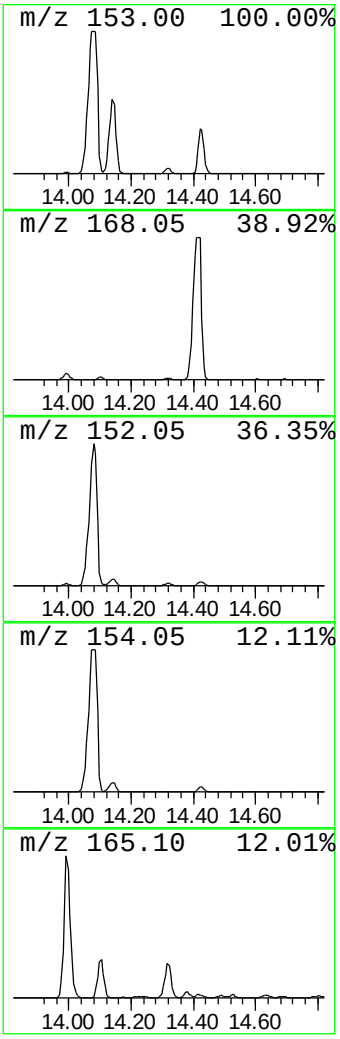
Peak Number 22 1-Isopropenylnaphthalene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	7.63 ng/ul	1591580	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	78
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	59
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58





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Quant Title : SVOA CALIBRATION

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

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Peak Number 23 unknown-01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.25 ng/ul	887388	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	46
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	46
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	46
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	38
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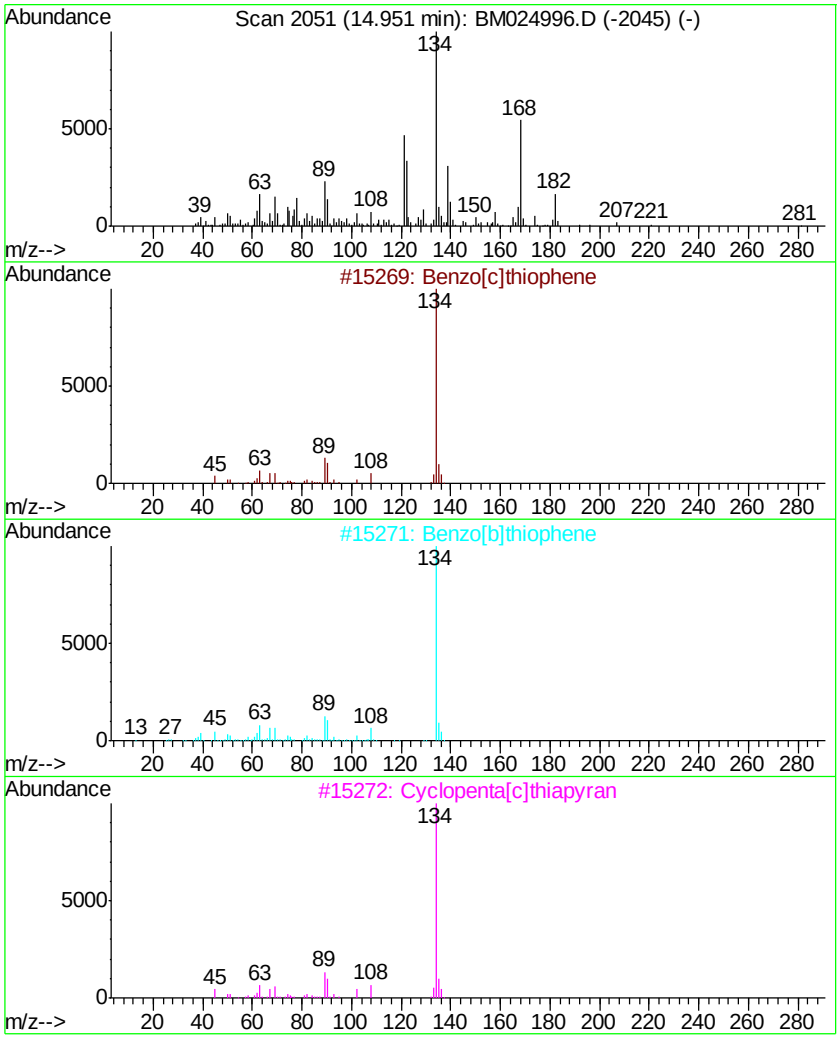

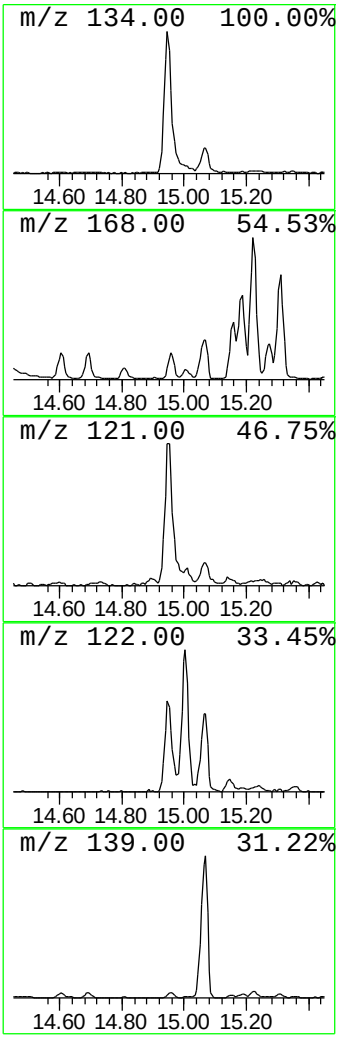

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Sample : L1582-05
Misc :
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Quant Title : SVOA CALIBRATION

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

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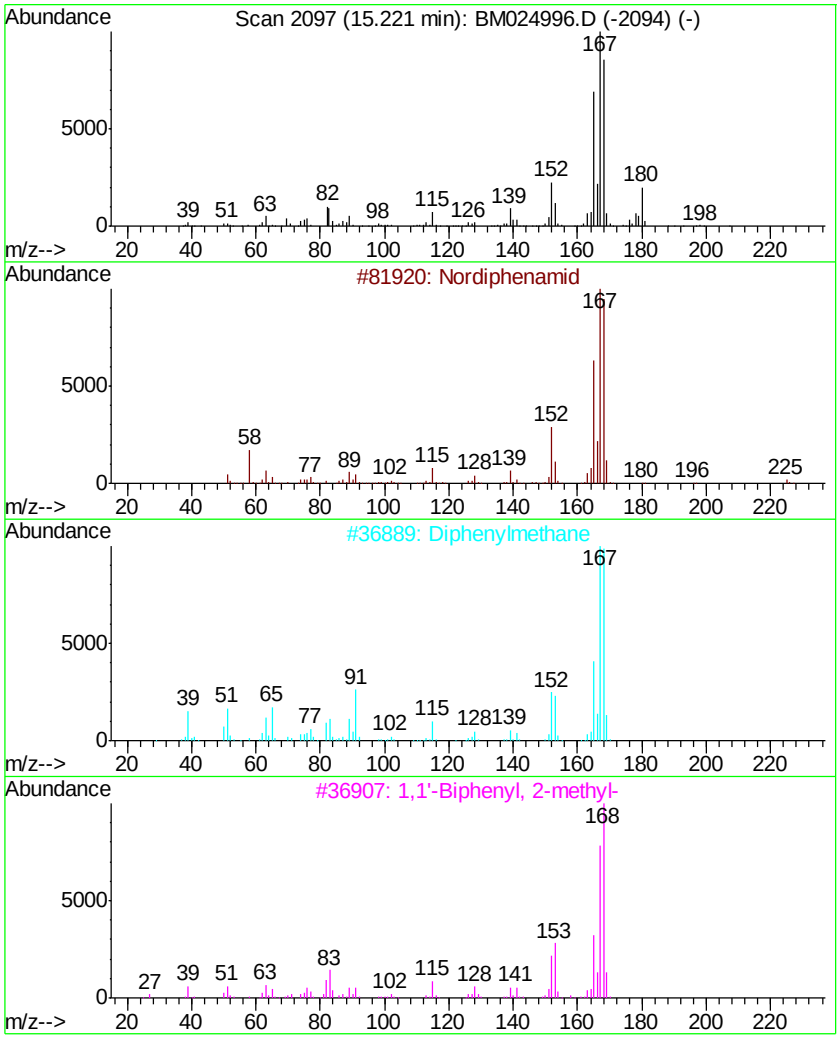
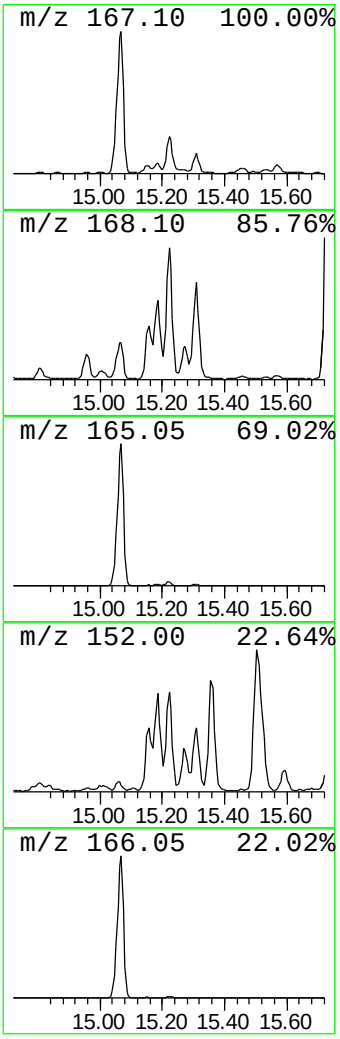
Peak Number 24 Nordiphenamid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	9.98 ng/ul	2081100	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	50
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	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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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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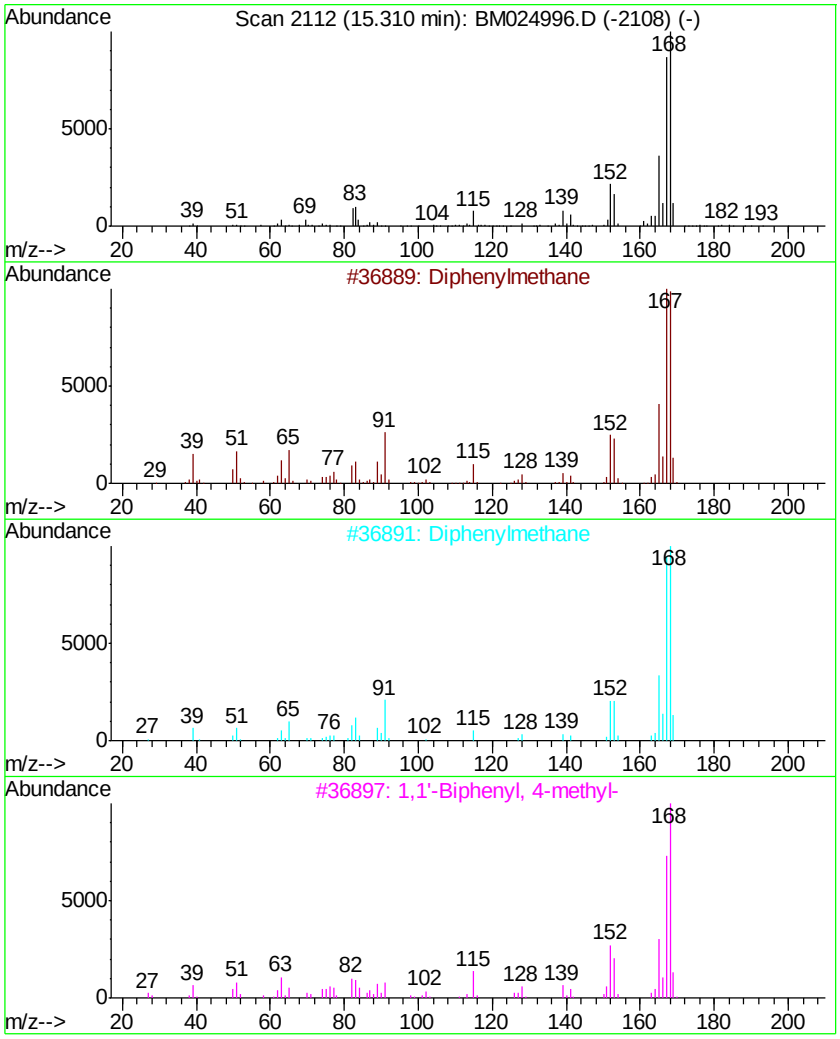
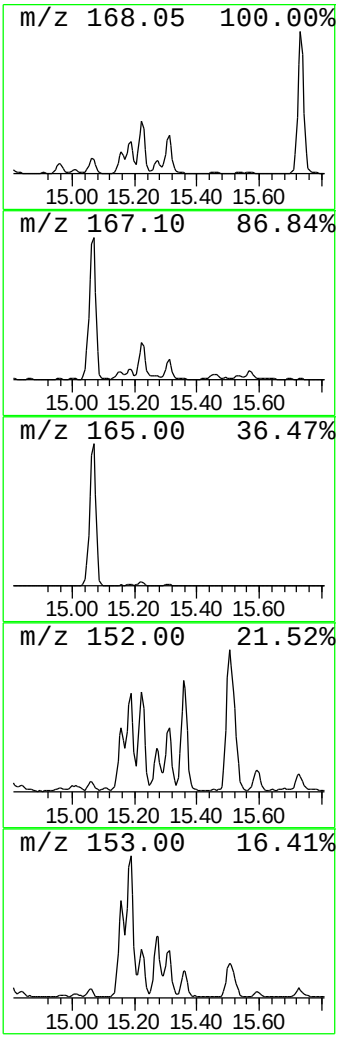
Peak Number 25 Diphenylmethane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	5.82 ng/ul	1214560	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	93
2	Diphenylmethane	168	C13H12	000101-81-5	90
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83





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Quant Title : SVOA CALIBRATION

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

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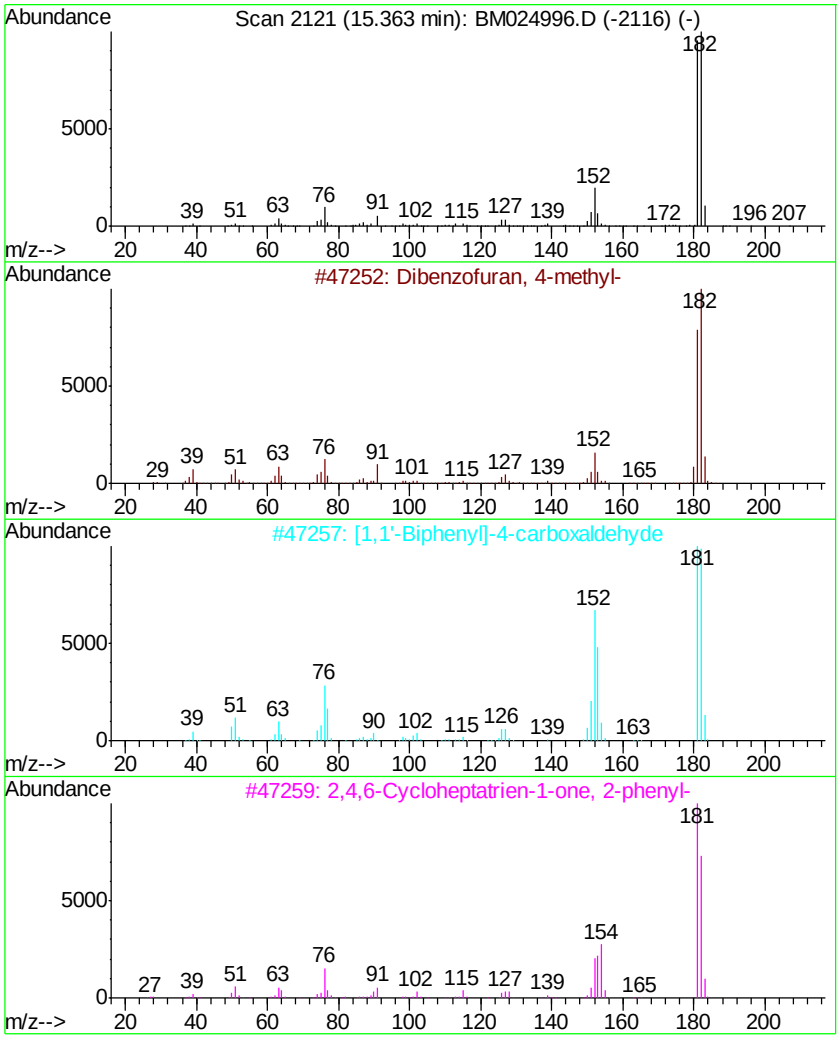
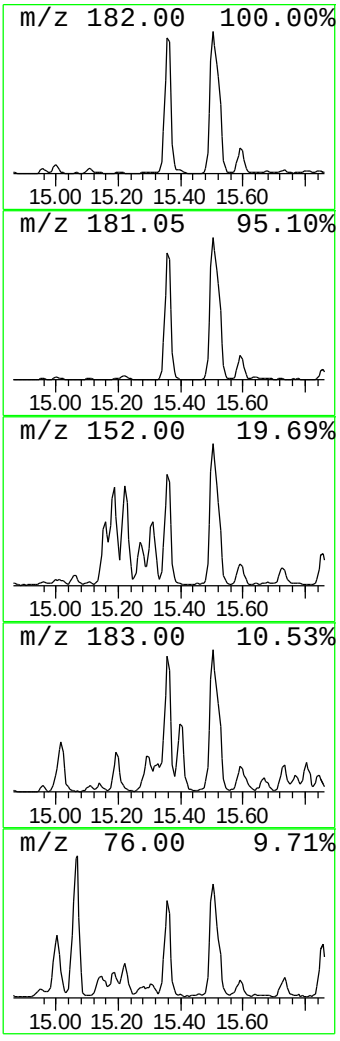
Peak Number 26 Dibenzofuran, 4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.96 ng/ul	1868410	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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

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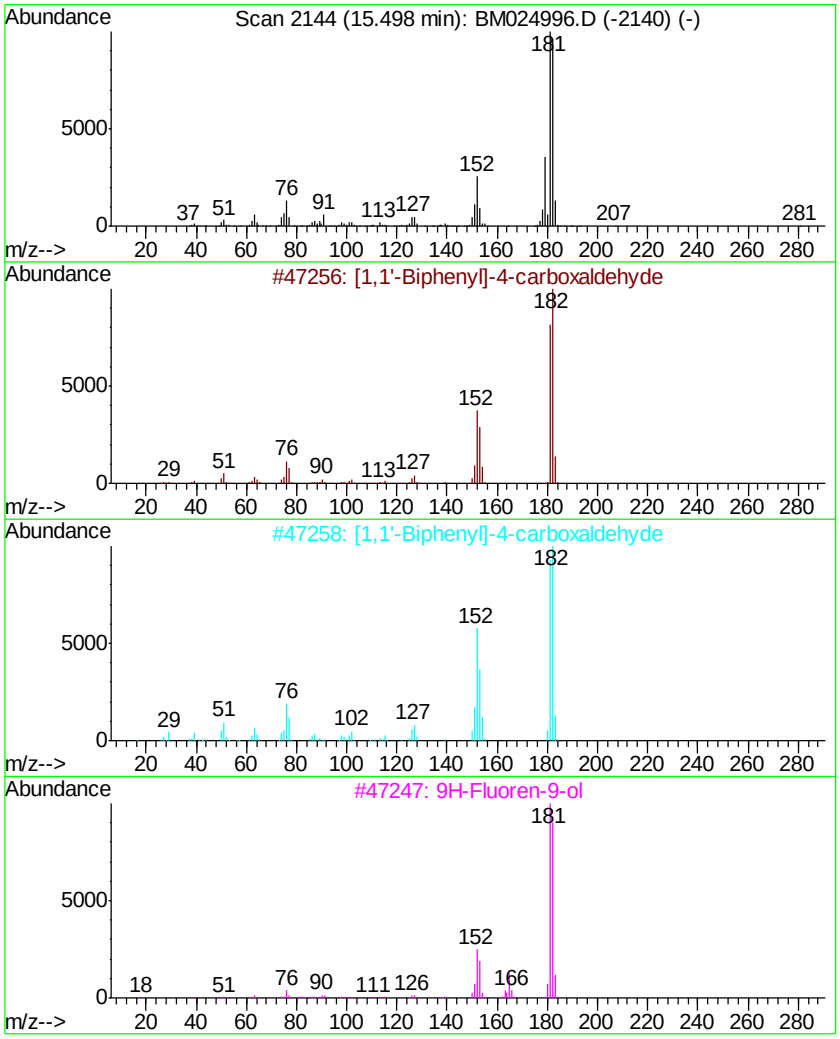
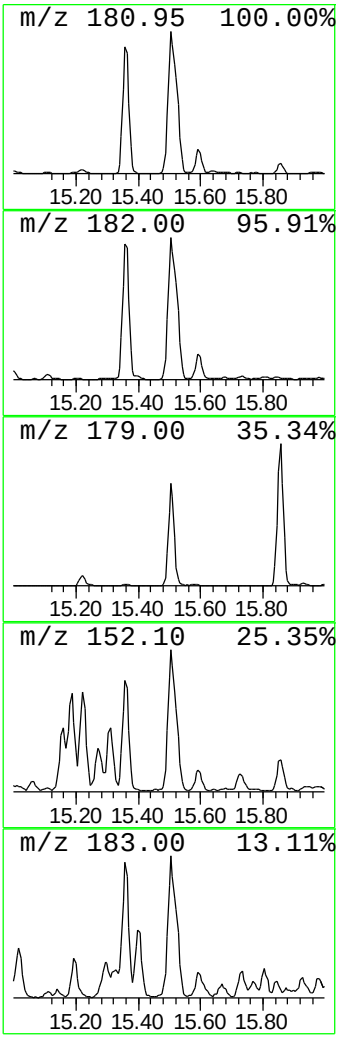
Peak Number 27 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	16.89 ng/ul	2964450	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	59





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Quant Title : SVOA CALIBRATION

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

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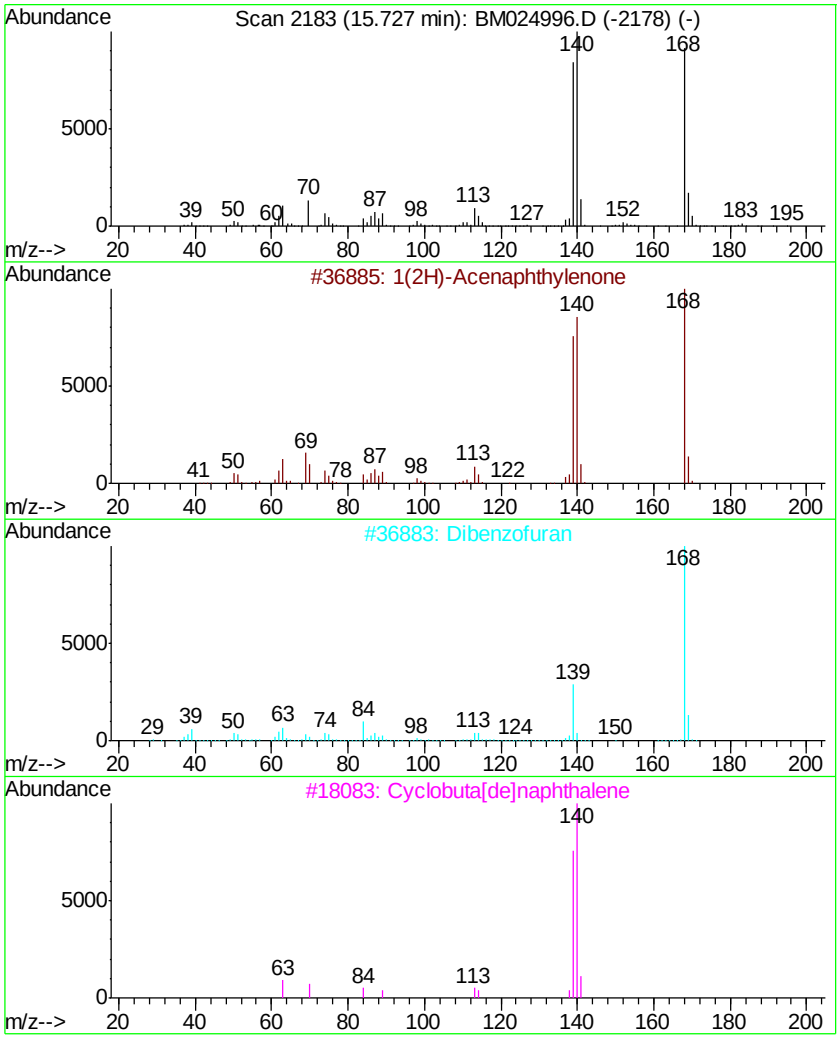
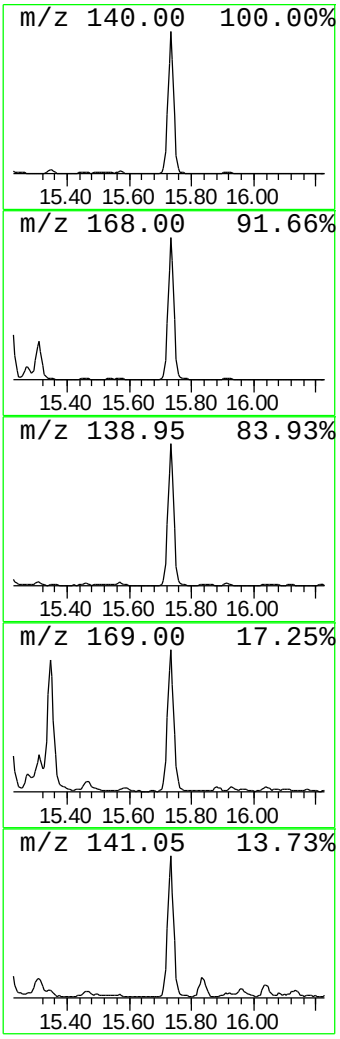
Peak Number 28 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	23.12 ng/ul	4057080	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50





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Quant Title : SVOA CALIBRATION

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

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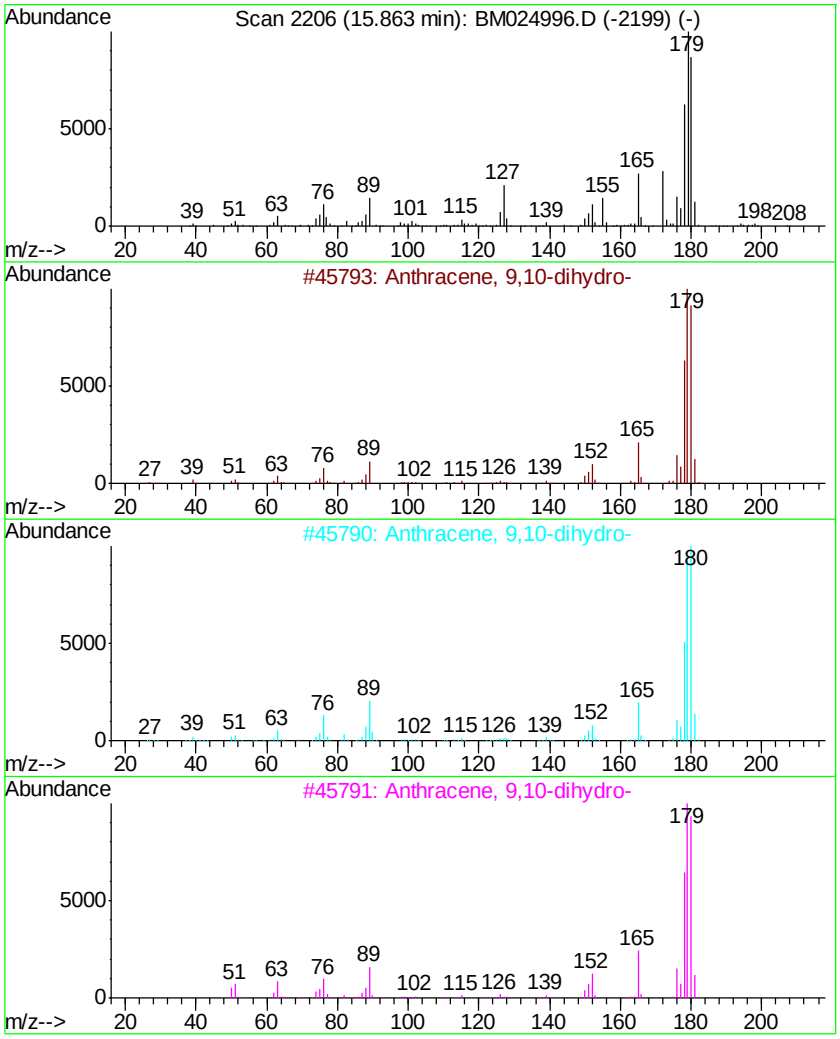
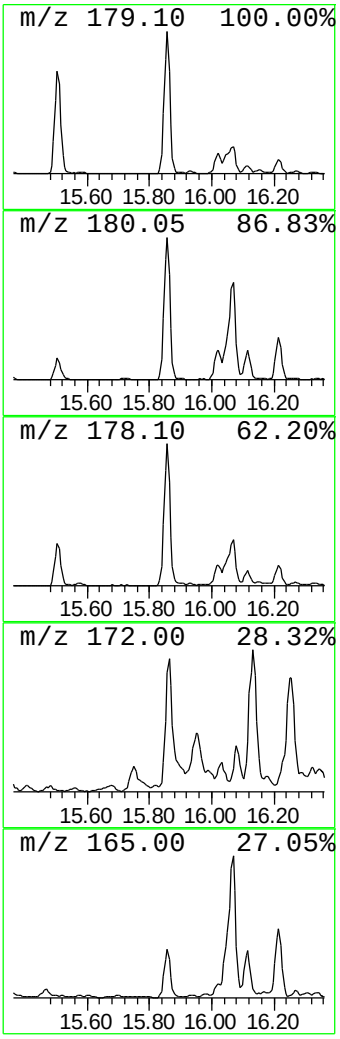
Peak Number 29 Anthracene, 9,10-dihydro- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	8.42 ng/ul	1477330	Phenanthrene-d10	16.75

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	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	91
5	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

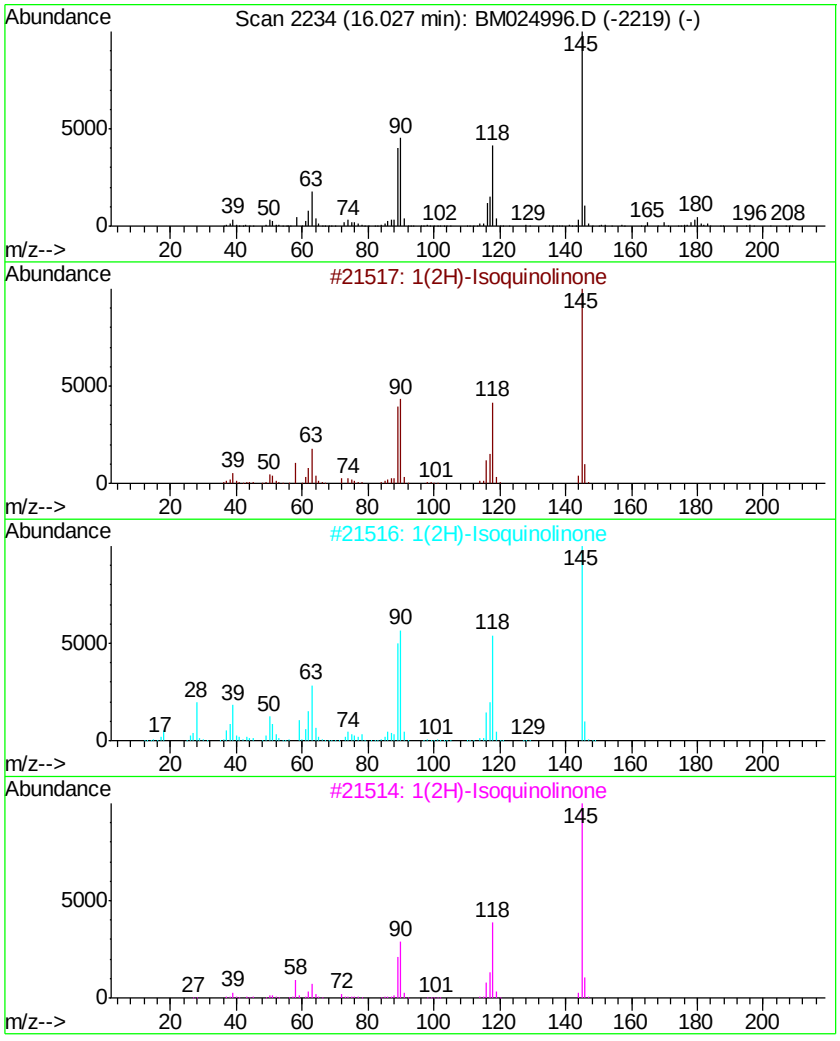
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

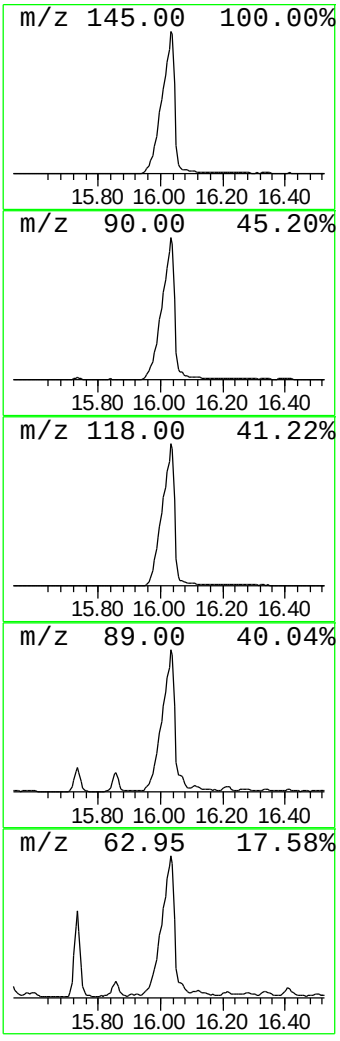
****

Peak Number 30 1(2H)-Isoquinolinone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	40.30 ng/ul	7072020	Phenanthrene-d10	16.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	96
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	94
4	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	74
5	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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

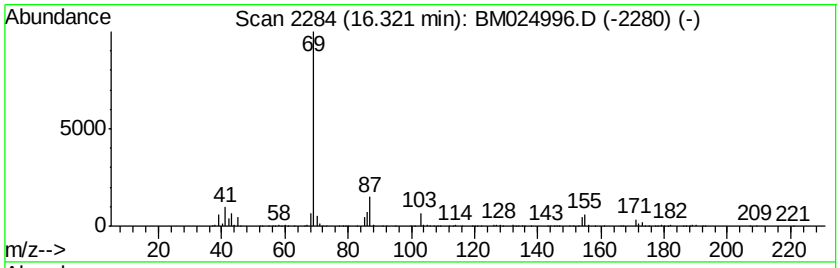
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

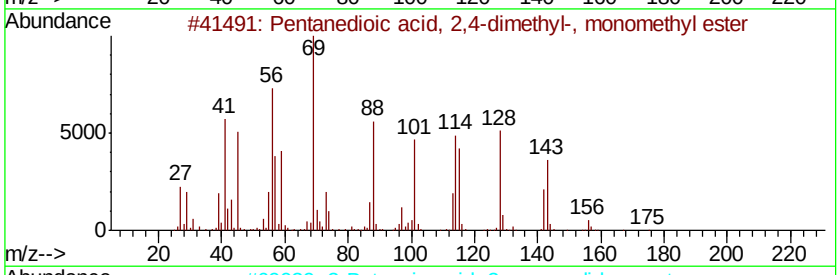
****

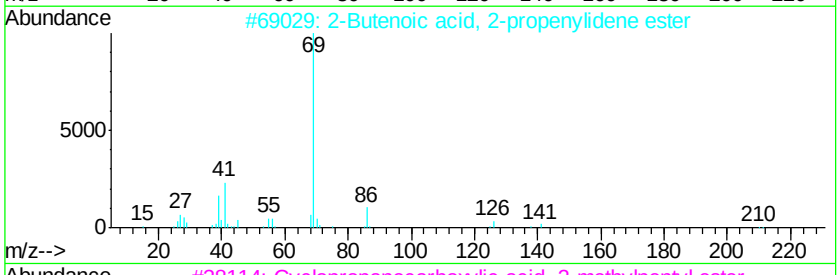
Peak Number 31 unknown-02 Concentration Rank 49

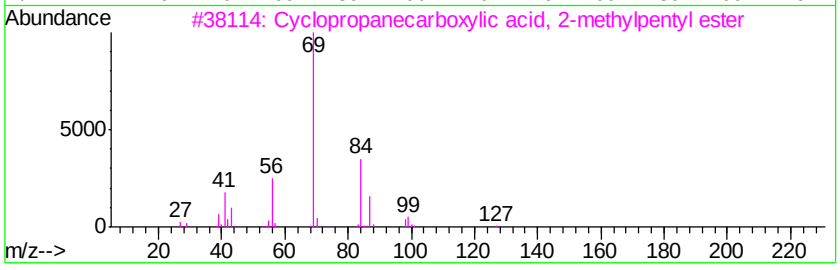
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	6.11 ng/ul	1071650	Phenanthrene-d10	16.75

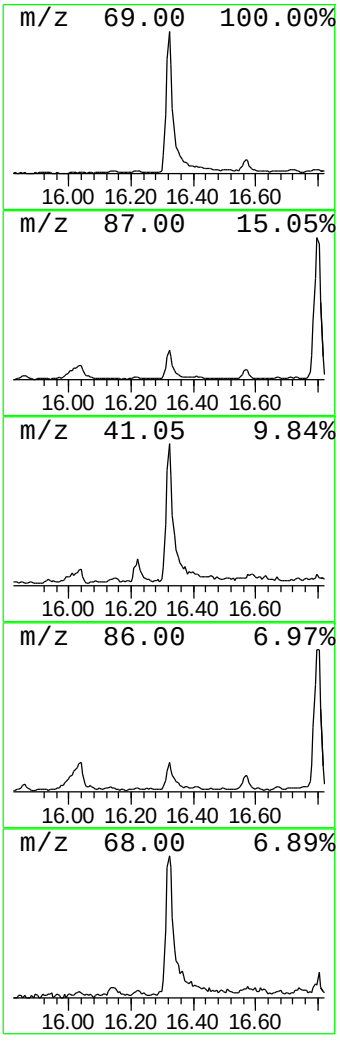
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, 2,4-dimethyl-...	174	C8H14O4	007586-22-3	36
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
3	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	9
4	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	7
5	1H-1,2,4-Triazole	69	C2H3N3	000288-88-0	5











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ7

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	17.9	ng/ul	909732	1	7.34	1015310	20.0
Benzene, 1,3-dime...	5.03	51.2	ng/ul	2597620	1	7.34	1015310	20.0
o-Xylene	5.39	26.0	ng/ul	1318560	1	7.34	1015310	20.0
Benzene, 1-ethyl-...	6.45	43.7	ng/ul	2217490	1	7.34	1015310	20.0
Benzene, 1,2,3-tr...	7.00	159.0	ng/ul	8070990	1	7.34	1015310	20.0
Benzene, 1-etheny...	7.09	17.9	ng/ul	908866	1	7.34	1015310	20.0
p-Cymene	7.49	76.9	ng/ul	3904210	1	7.34	1015310	20.0
D-Limonene	7.57	38.0	ng/ul	1930420	1	7.34	1015310	20.0
Indane	7.71	475.2	ng/ul	24124300	1	7.34	1015310	20.0
Indene	7.88	964.3	ng/ul	48954000	1	7.34	1015310	20.0
Bicyclo[2.2.1]hep...	8.57	18.0	ng/ul	914096	1	7.34	1015310	20.0
Benzofuran, 2-met...	8.68	71.5	ng/ul	3627510	1	7.34	1015310	20.0
Naphthalene, 1-me...	12.02	3.0	ng/ul	55935100	2	10.16	371911000	20.0
Quinoline, 5-methyl-	12.44	5.3	ng/ul	1098820	3	14.00	4171150	20.0
Naphthalene, 1-et...	13.02	20.5	ng/ul	4277110	3	14.00	4171150	20.0
Naphthalene, 1,6-...	13.16	17.5	ng/ul	3655190	3	14.00	4171150	20.0
Naphthalene, 2,7-...	13.32	31.2	ng/ul	6503970	3	14.00	4171150	20.0
Naphthalene, 1,4-...	13.37	18.6	ng/ul	3885030	3	14.00	4171150	20.0
Naphthalene, 2,3-...	13.56	10.6	ng/ul	2212610	3	14.00	4171150	20.0
1-Naphthalenecarb...	14.14	63.9	ng/ul	13317000	3	14.00	4171150	20.0
1-Isopropenylnaph...	14.32	7.6	ng/ul	1591580	3	14.00	4171150	20.0
unknown-01	14.95	4.3	ng/ul	887388	3	14.00	4171150	20.0
Nordiphenamid	15.22	10.0	ng/ul	2081100	3	14.00	4171150	20.0
Diphenylmethane	15.31	5.8	ng/ul	1214560	3	14.00	4171150	20.0
Dibenzofuran, 4-m...	15.36	9.0	ng/ul	1868410	3	14.00	4171150	20.0
[1,1'-Biphenyl]-4...	15.50	16.9	ng/ul	2964450	4	16.75	3509350	20.0
1(2H)-Acenaphthyl...	15.73	23.1	ng/ul	4057080	4	16.75	3509350	20.0
Anthracene, 9,10-...	15.86	8.4	ng/ul	1477330	4	16.75	3509350	20.0
1(2H)-Isoquinolinone	16.03	40.3	ng/ul	7072020	4	16.75	3509350	20.0
unknown-02	16.32	6.1	ng/ul	1071650	4	16.75	3509350	20.0