LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.151	363	368	381	rVB	194269	390647	0.43%	0.174%
2	5.504	420	428	435	rBV2	212009	354783	0.39%	0.158%
3	6.545	600	605	613	rBV	116305	168999	0.18%	0.075%
4	6.634	613	620	625	rVV	126514	212209	0.23%	0.095%
5	6.793	641	647	654	rBV	427351	681100	0.75%	0.303%
6	6.975	669	678	686	rBV	576591	886668	0.97%	0.395%
7	7.093	692	698	703	rBV	245376	361723	0.40%	0.161%
8	7.157	703	709	718	rVB	973500	1512142	1.65%	0.674%
9	7.434	746	756	767	rBV	629678	1022782	1.12%	0.456%
10	7.545	767	775	783	rVB	100847	162091	0.18%	0.072%
11	7.792	811	817	826	rVB	266908	411840	0.45%	0.183%
12	7.951	835	844	859	rVB	1870897	3002689	3.29%	1.338%
13	8.140	871	876	884	rVB	365880	575425	0.63%	0.256%
14	8.263	891	897	906	rVB	619407	971604	1.06%	0.433%
15	8.569	944	949	957	rVB	520292	924162	1.01%	0.412%
16	8.763	976	982	990	rVB	163769	256970	0.28%	0.114%
17	8.887	990	1003	1009	rBV2	452629	1002853	1.10%	0.447%
18	8.945	1009	1013	1018	rVV	117396	178838	0.20%	0.080%
19	9.281	1063	1070	1078	rBV	511185	859186	0.94%	0.383%
20	9.598	1113	1124	1133	rBV5	112224	332893	0.36%	0.148%
21	9.692	1133	1140	1149	rVV5	58277	170094	0.19%	0.076%
22	9.816	1154	1161	1170	rVV	811195	1371731	1.50%	0.611%
23	10.134	1196	1215	1218	rBV5	127152	367656	0.40%	0.164%
24	10.186	1218	1224	1225	rVV	604897	992585	1.09%	0.442%
25	10.263	1225	1237	1242	rVV2	37312585	91391490	100.00%	40.710%
26	10.351	1244	1252	1264	rVB	4078477	6446030	7.05%	2.871%
27	10.563	1280	1288	1300	rBV4	162043	391347	0.43%	0.174%
28	11.216	1392	1399	1403	rBV	94449	160236	0.18%	0.071%
29	11.269	1403	1408	1421	rVB4	105432	247739	0.27%	0.110%
30	11.569	1452	1459	1469	rVB6	68992	197970	0.22%	0.088%
31	11.733	1479	1487	1491	rBV3	190005	346246	0.38%	0.154%
32	11.845	1495	1506	1514	rVV	5153151	8265812	9.04%	3.682%
33	11.963	1521	1526	1532	rVV	167620	314141	0.34%	0.140%
34	12.069	1532	1544	1552	rVB	2896506	4688987	5.13%	2.089%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

35	12.228	1562	1571	1583	rBV3	195063	520637	0.57%	0.232%
36	12.510	1616	1619	1621	rVV2	124035	189287	0.21%	0.084%
37	12.539	1621	1624	1637	rVB5	155869	341856	0.37%	0.152%
38	12.775	1656	1664	1670	rBV3	166090	299734	0.33%	0.134%
39	12.886	1674	1683	1689	rVB	1319450	1950519	2.13%	0.869%
40	13.080	1711	1716	1727	rVB3	214634	521021	0.57%	0.232%
41	13.233	1730	1742	1749	rBV3	561600	1280700	1.40%	0.570%
42	13.380	1761	1767	1772	rVV	367761	673806	0.74%	0.300%
43	13.433	1772	1776	1780	rVV2	241784	358861	0.39%	0.160%
44	13.492	1780	1786	1790	rVV	1437422	2016267	2.21%	0.898%
45	13.533	1790	1793	1802	rVB	236894	372360	0.41%	0.166%
46	13.616	1802	1807	1810	rBV3	153561	240308	0.26%	0.107%
47	13.751	1824	1830	1844	rVB2	1683368	2969863	3.25%	1.323%
48	14.063	1875	1883	1888	rBV3	1208057	1949616	2.13%	0.868%
49	14.127	1888	1894	1901	rVV	4216010	5827236	6.38%	2.596%
50	14.198	1901	1906	1913	rVB	1606852	2336027	2.56%	1.041%
51	14.298	1919	1923	1927	rBV2	116833	173017	0.19%	0.077%
52	14.351	1927	1932	1939	rVV	436429	671564	0.73%	0.299%
53	14.422	1939	1944	1947	rVV	388995	555172	0.61%	0.247%
54	14.469	1947	1952	1961	rVB	3382735	4979133	5.45%	2.218%
55	14.622	1972	1978	1983	rBV	1236908	1683374	1.84%	0.750%
56	14.704	1988	1992	1997	rVB	414668	558121	0.61%	0.249%
57	15.010	2039	2044	2048	rBV5	92784	186489	0.20%	0.083%
58	15.069	2048	2054	2058	rVV	2469556	3544838	3.88%	1.579%
59	15.121	2058	2063	2072	rVV	2888089	3966146	4.34%	1.767%
60	15.204	2072	2077	2089	rVV2	827834	1881538	2.06%	0.838%
61	15.304	2089	2094	2099	rVV8	127830	332445	0.36%	0.148%
62	15.357	2099	2103	2109	rVV3	196866	418459	0.46%	0.186%
63	15.421	2109	2114	2122	rVV2	237391	416525	0.46%	0.186%
64	15.521	2122	2131	2134	rVV7	66373	180681	0.20%	0.080%
65	15.569	2134	2139	2149	rVB2	255560	545779	0.60%	0.243%
66	15.798	2173	2178	2185	rVB	395629	579943	0.63%	0.258%
67	16.021	2212	2216	2223	rVB	584604	811943	0.89%	0.362%
68	16.098	2223	2229	2240	rBV	1200890	1834540	2.01%	0.817%
69	16.345	2266	2271	2283	rBV5	118548	331771	0.36%	0.148%
70	16.480	2283	2294	2302	rVB2	2158134	3365190	3.68%	1.499%
71	16.639	2316	2321	2325	rVB	224871	320152	0.35%	0.143%

LSC Area Percent Report

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Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

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_N\METHODS\SOM-EPA-BN081420MA.M
Title : SVOA CALIBRATION

72	16.733	2334	2337	2343	rVV	134271	181329	0.20%	0.081%
73	16.821	2343	2352	2355	rVV	1583386	2791537	3.05%	1.243%
74	16.863	2355	2359	2363	rVV	2166022	2940914	3.22%	1.310%
75	16.916	2363	2368	2377	rVV2	2771490	4533738	4.96%	2.020%
76	16.980	2377	2379	2383	rVV	155836	185016	0.20%	0.082%
77	17.239	2413	2423	2434	rBV	8847320	12265298	13.42%	5.464%
78	17.327	2434	2438	2444	rBV	214153	327290	0.36%	0.146%
79	17.392	2444	2449	2454	rBV	1395880	1929389	2.11%	0.859%
80	17.492	2462	2466	2470	rBV3	118789	166812	0.18%	0.074%
81	17.751	2504	2510	2513	rBV	354213	589054	0.64%	0.262%
82	17.780	2513	2515	2519	rVV	228590	306663	0.34%	0.137%
83	17.827	2519	2523	2528	rVV	477894	662256	0.72%	0.295%
84	17.886	2528	2533	2539	rVB3	158923	281609	0.31%	0.125%
85	18.021	2546	2556	2558	rBV7	120473	333615	0.37%	0.149%
86	18.051	2558	2561	2565	rVV	214033	334898	0.37%	0.149%
87	18.092	2565	2568	2572	rVV	136912	210686	0.23%	0.094%
88	18.145	2573	2577	2583	rVV2	200115	405499	0.44%	0.181%
89	18.210	2583	2588	2591	rVV	267361	393045	0.43%	0.175%
90	18.245	2591	2594	2599	rVV	149676	210908	0.23%	0.094%
91	18.721	2669	2675	2679	rBV	268910	399440	0.44%	0.178%
92	18.986	2717	2720	2729	rVB3	97513	198625	0.22%	0.088%
93	19.227	2754	2761	2766	rBV	3380380	4461497	4.88%	1.987%
94	19.280	2767	2770	2779	rVB3	133816	242247	0.27%	0.108%
95	19.715	2839	2844	2853	rBV	541573	756562	0.83%	0.337%
96	20.368	2951	2955	2961	rVB3	162435	292065	0.32%	0.130%
97	20.786	3022	3026	3031	rBV	246910	343385	0.38%	0.153%
98	21.033	3063	3068	3073	rBV2	2104214	2611999	2.86%	1.164%
99	23.009	3398	3404	3411	rBV	2785205	4647570	5.09%	2.070%
100	23.145	3421	3427	3437	rVB	1530029	2684079	2.94%	1.196%

Sum of corrected areas: 224493611

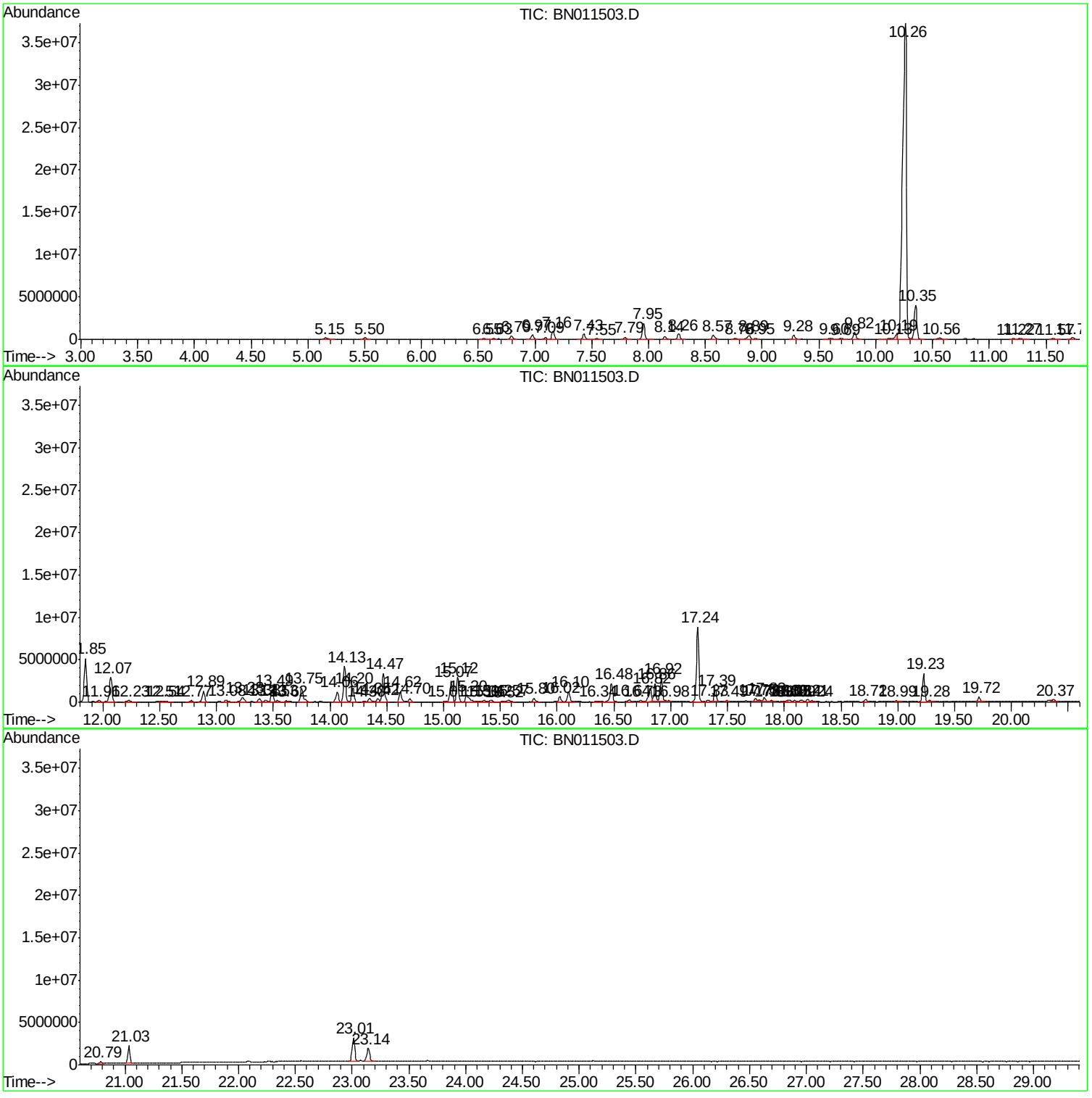
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
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Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

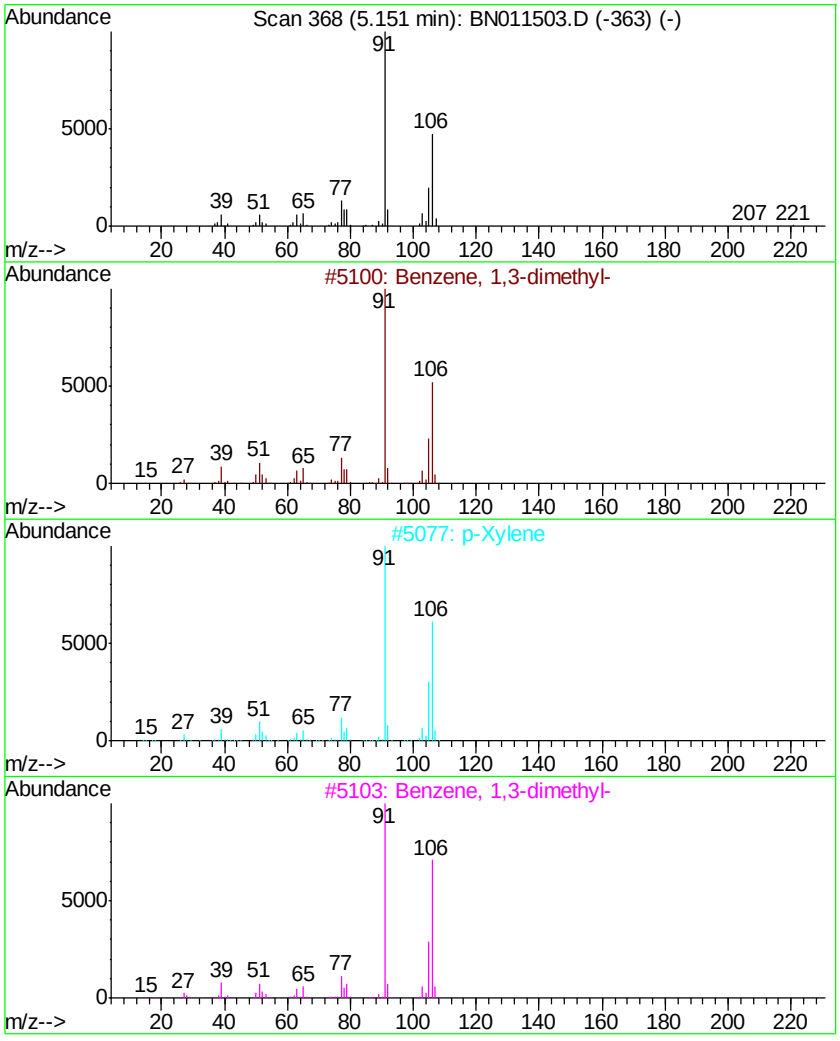
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

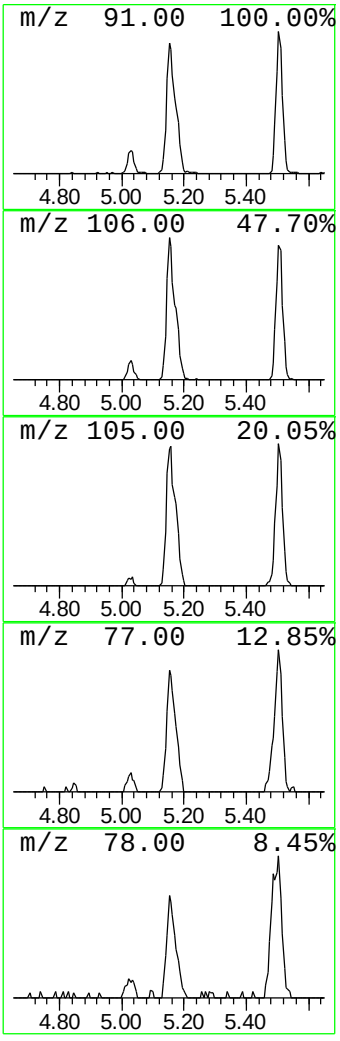
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	7.64 ng/ul	390647	1,4-Dichlorobenzene-d4	7.43

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	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

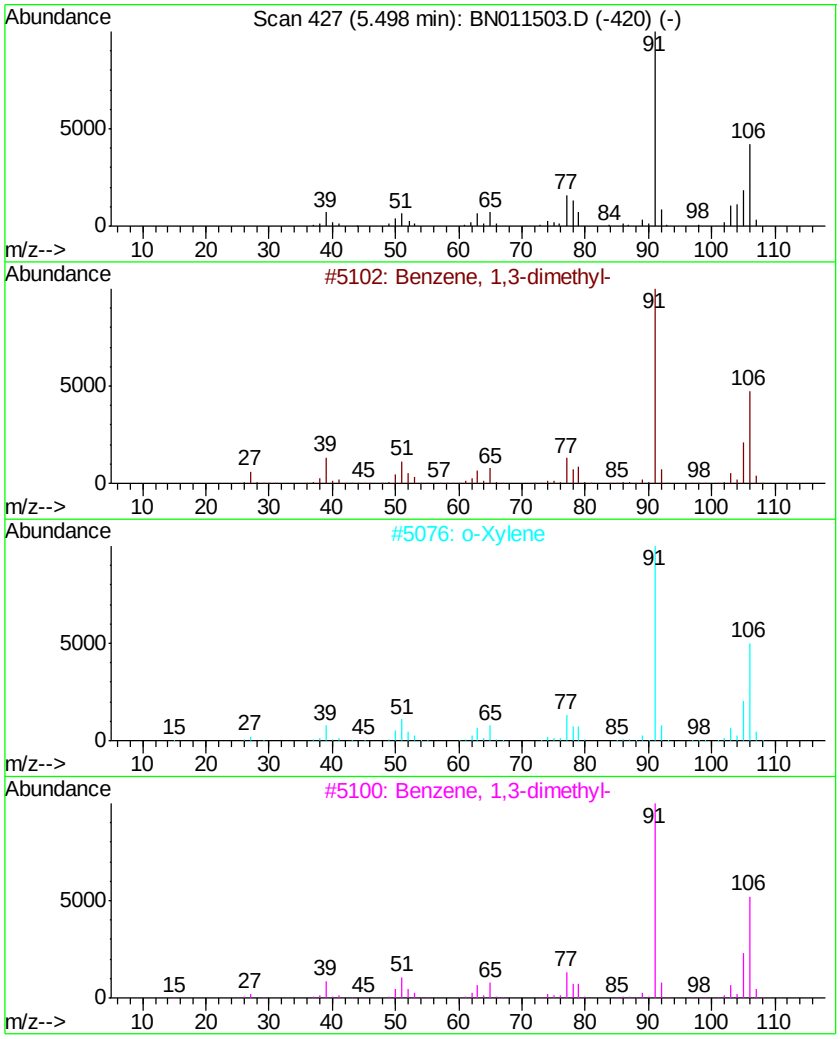
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

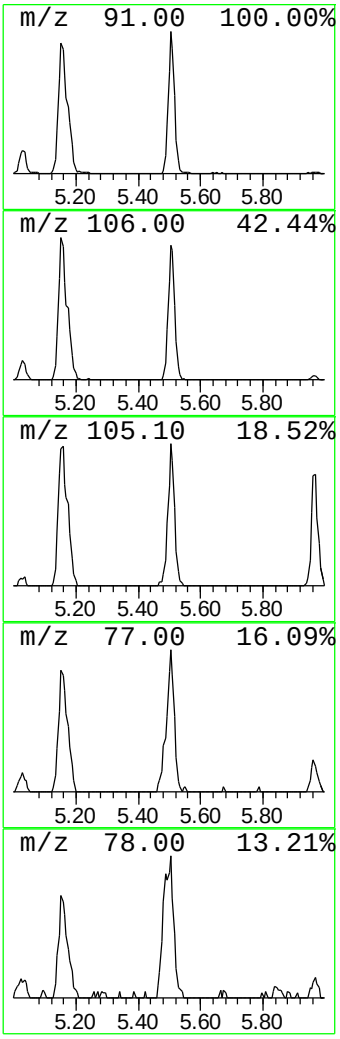
****

Peak Number 2 o-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	6.94 ng/ul	354783	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	o-Xylene	106	C8H10	000095-47-6	94
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
4	p-Xylene	106	C8H10	000106-42-3	91
5	o-Xylene	106	C8H10	000095-47-6	91





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Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

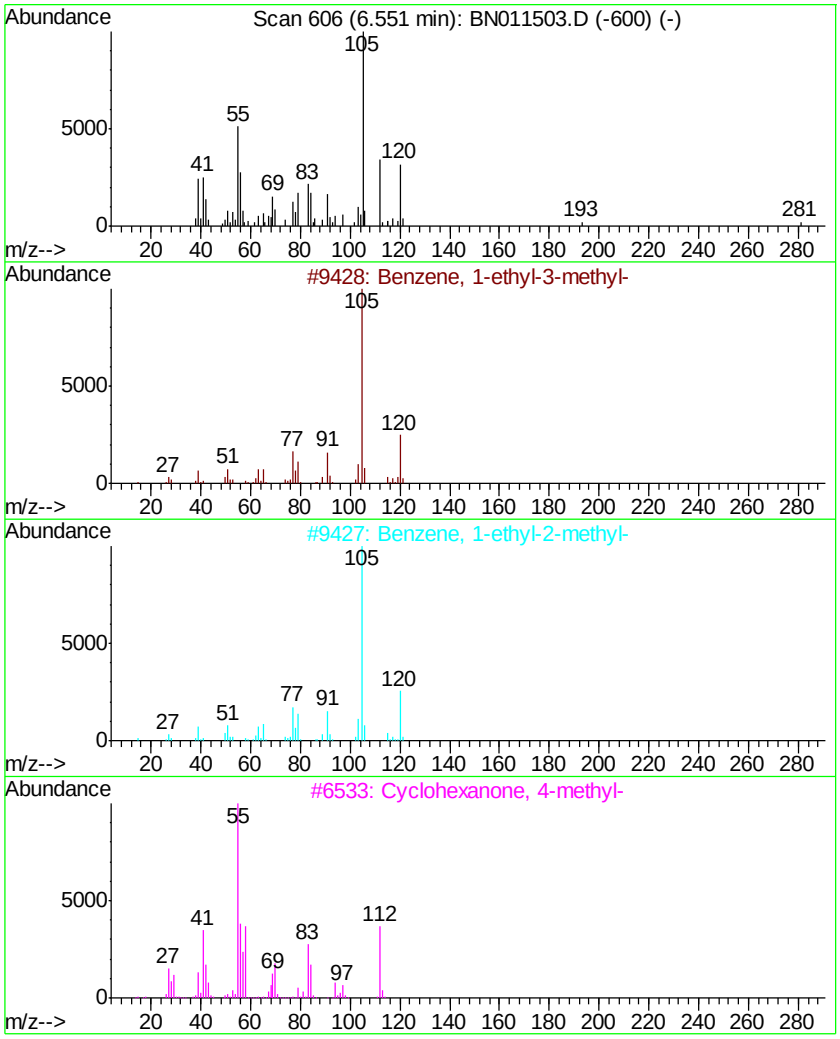
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

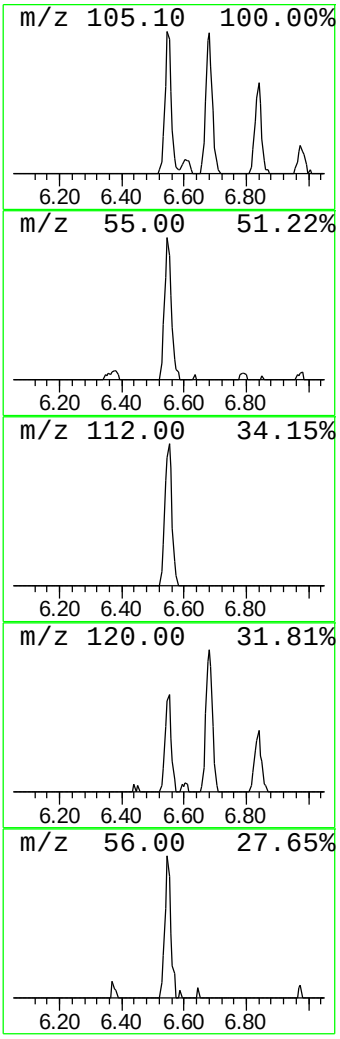
****

Peak Number 3 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.30 ng/ul	168999	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	38
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

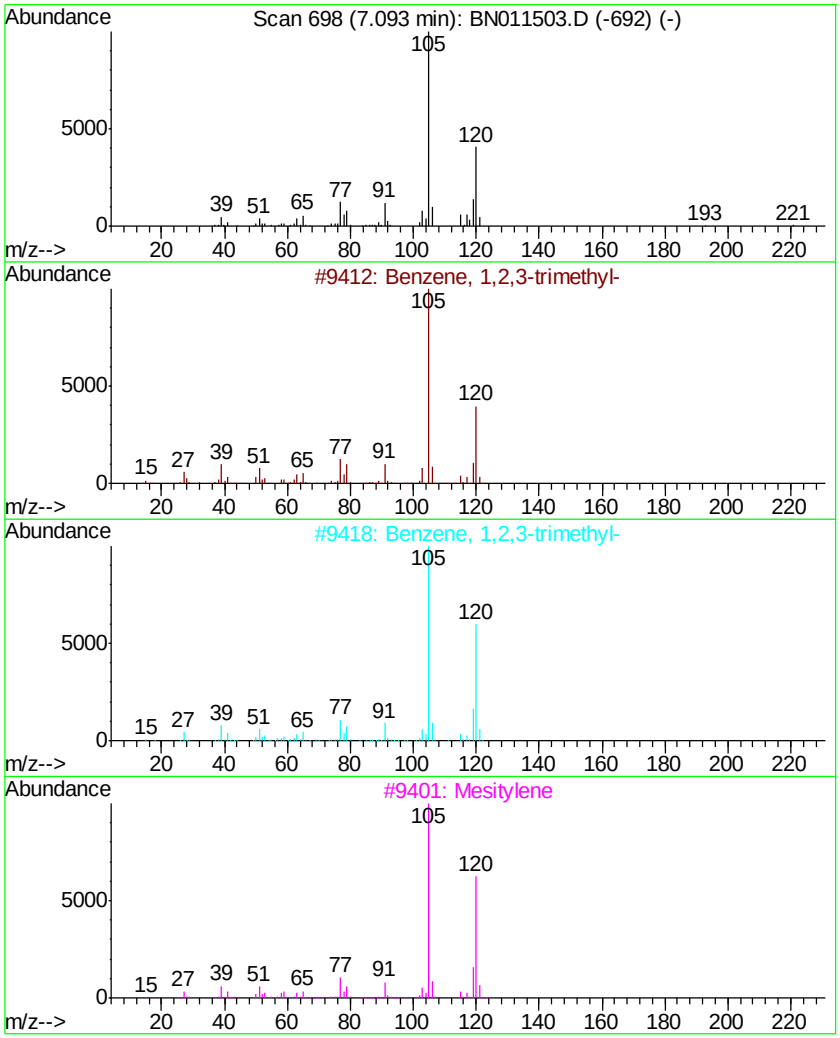
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

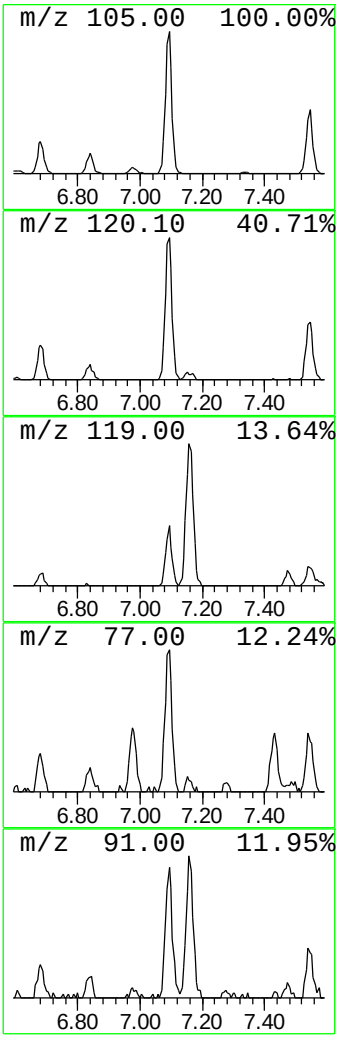
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	7.07 ng/ul	361723	1,4-Dichlorobenzene-d4	7.43

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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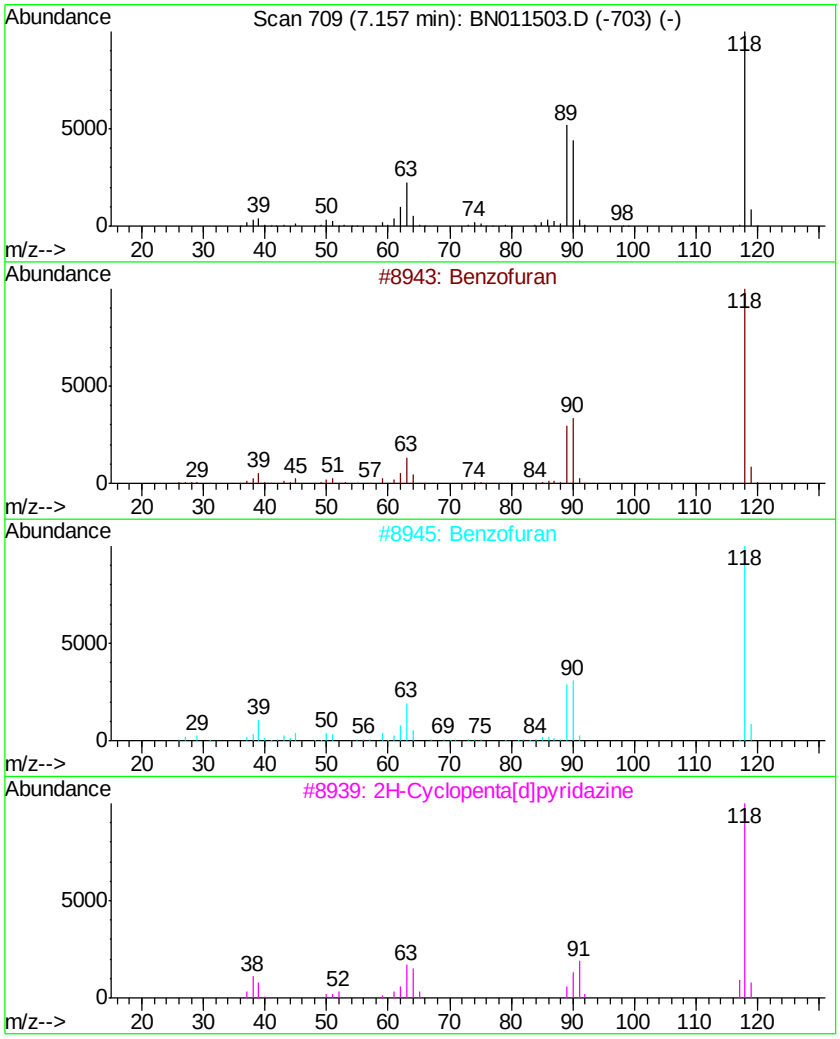
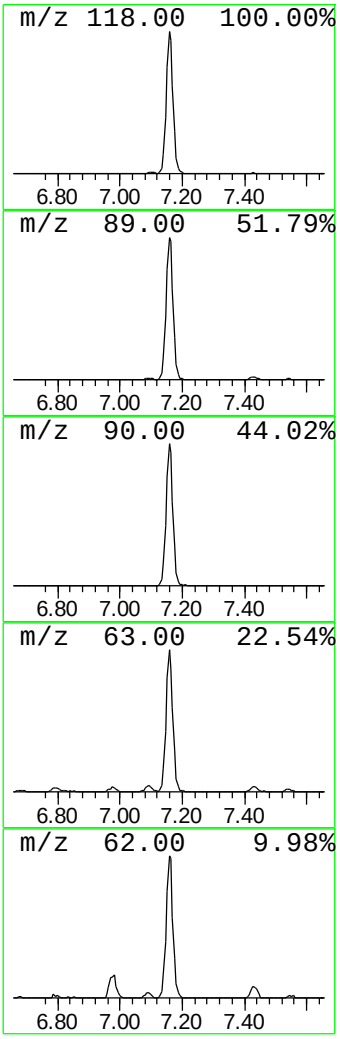
Peak Number 5 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	29.57 ng/ul	1512140	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	80
2	Benzofuran	118	C8H6O	000271-89-6	72
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	50
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40





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Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

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Quant Title : SVOA CALIBRATION

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

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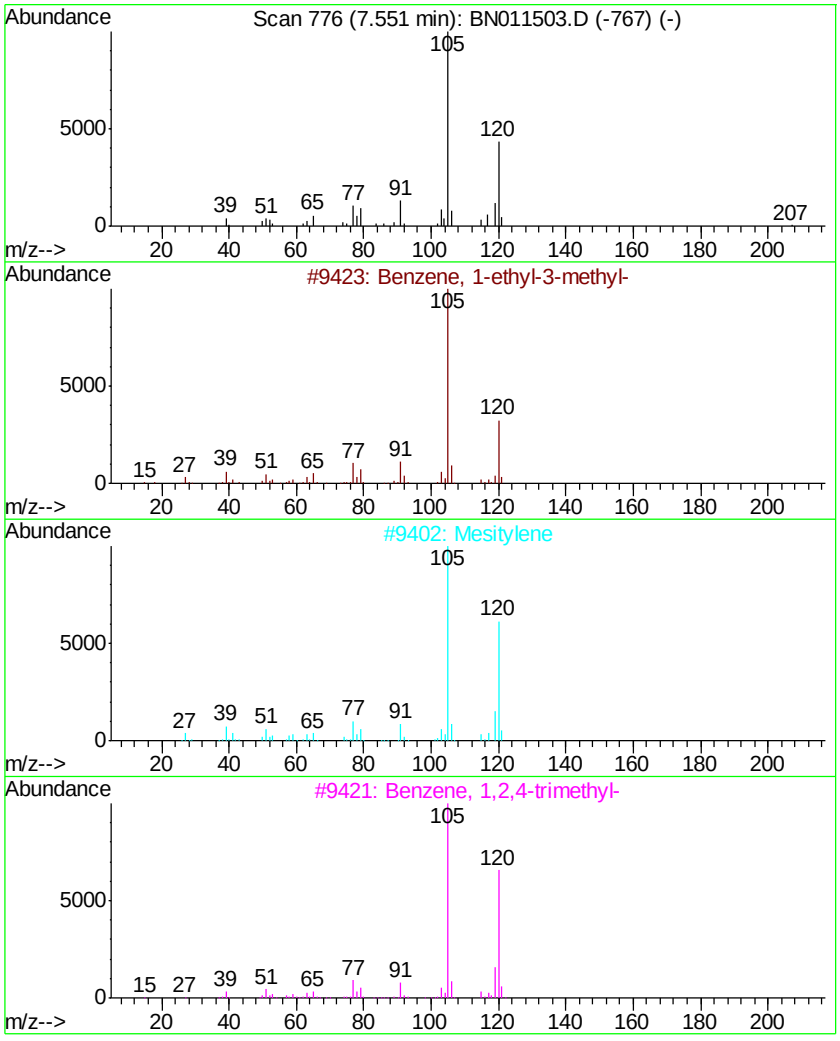
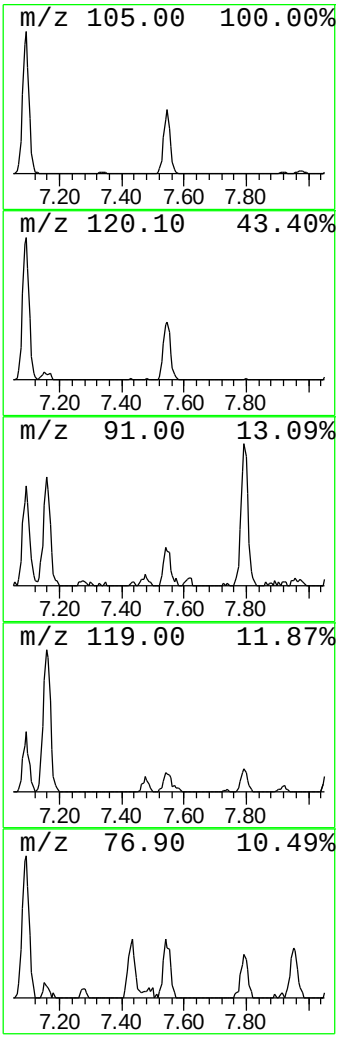
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.17 ng/ul	162091	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Instrument : BNA_N
ClientSampleId : DBFX3

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Quant Title : SVOA CALIBRATION

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

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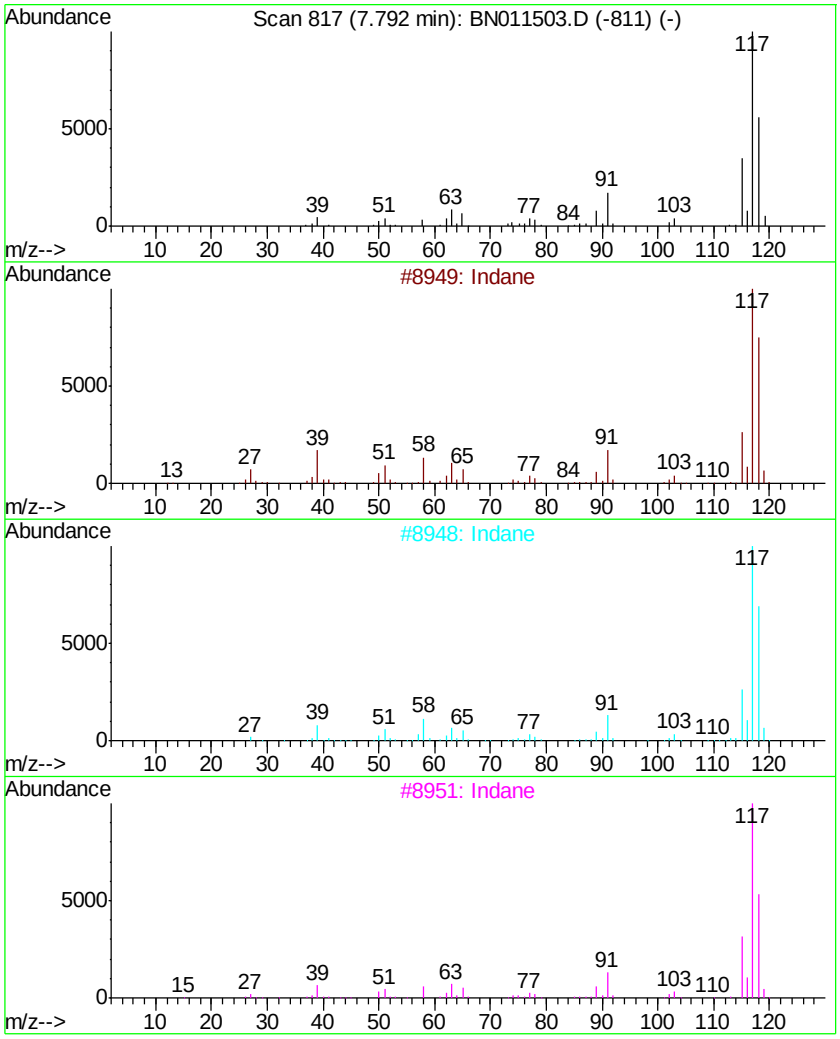
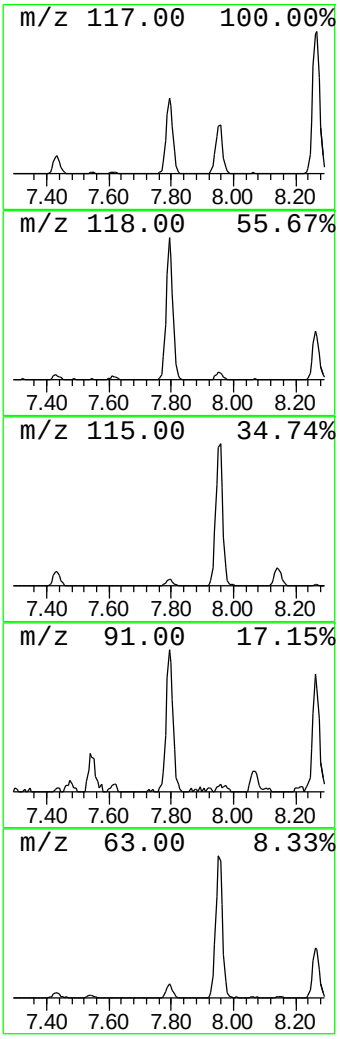
Peak Number 7 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	8.05 ng/ul	411840	1,4-Dichlorobenzene-d4	7.43

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	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	74





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Quant Title : SVOA CALIBRATION

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

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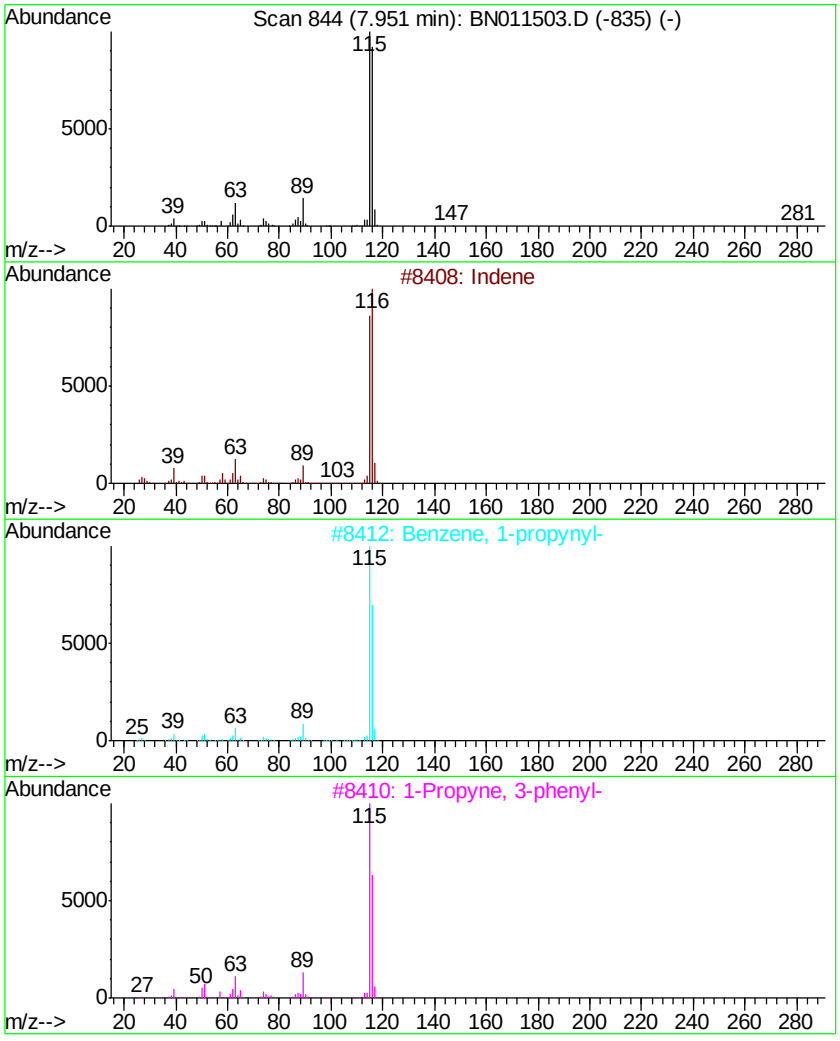
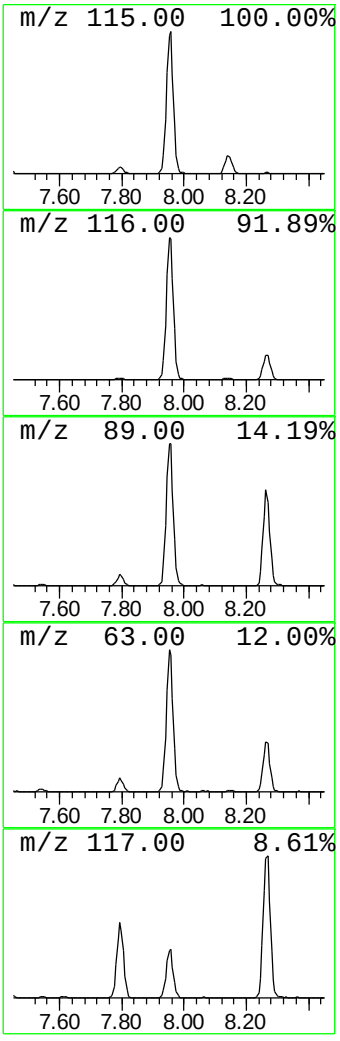
Peak Number 8 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	58.72 ng/ul	3002690	1,4-Dichlorobenzene-d4	7.43

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





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Instrument : BNA_N
ClientSampleId : DBFX3

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Quant Title : SVOA CALIBRATION

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

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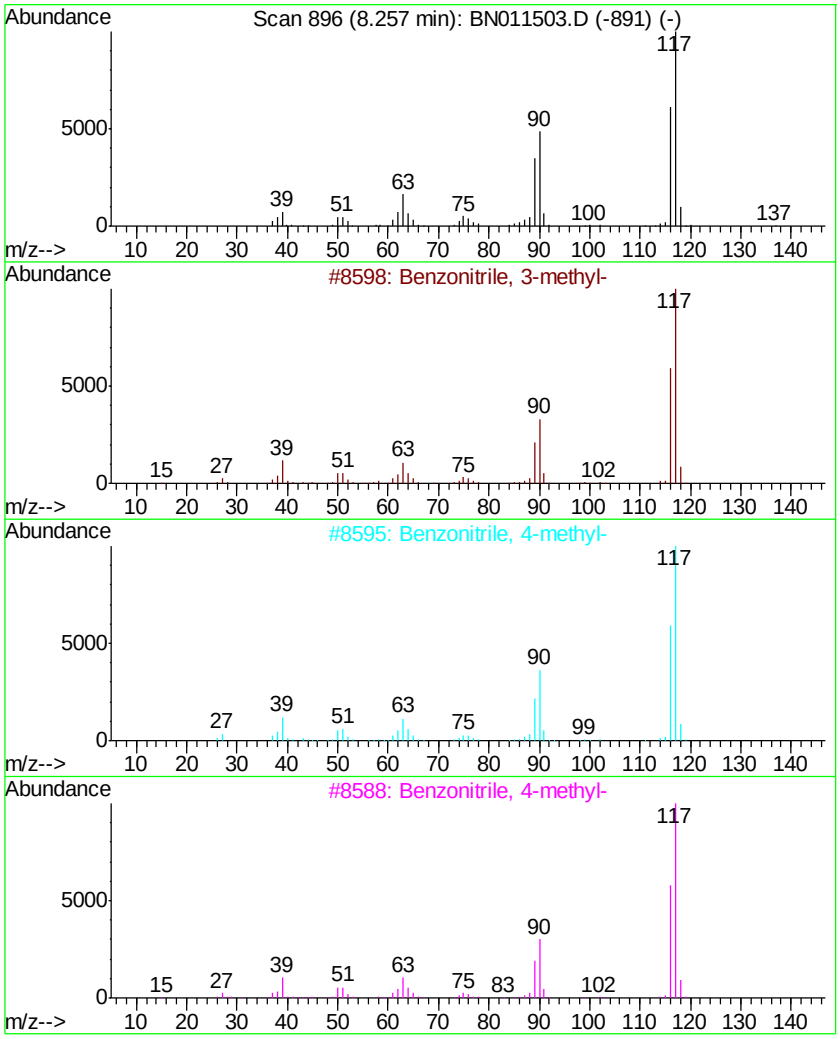
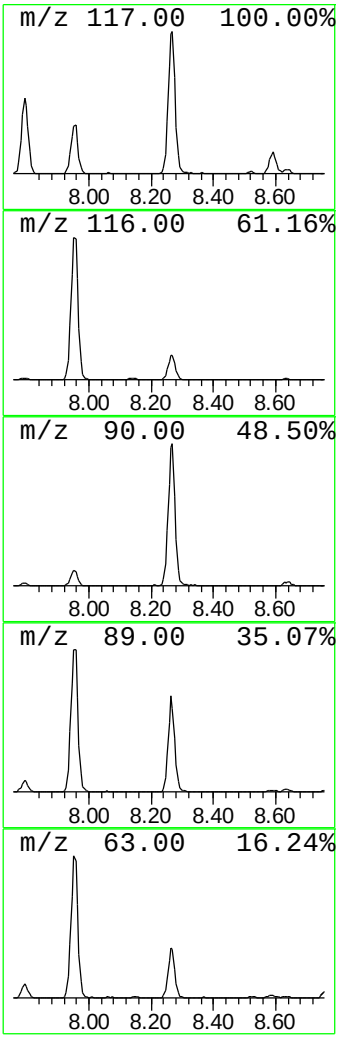
Peak Number 9 Benzonitrile, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	19.00 ng/ul	971604	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	96
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	95





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Quant Title : SVOA CALIBRATION

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

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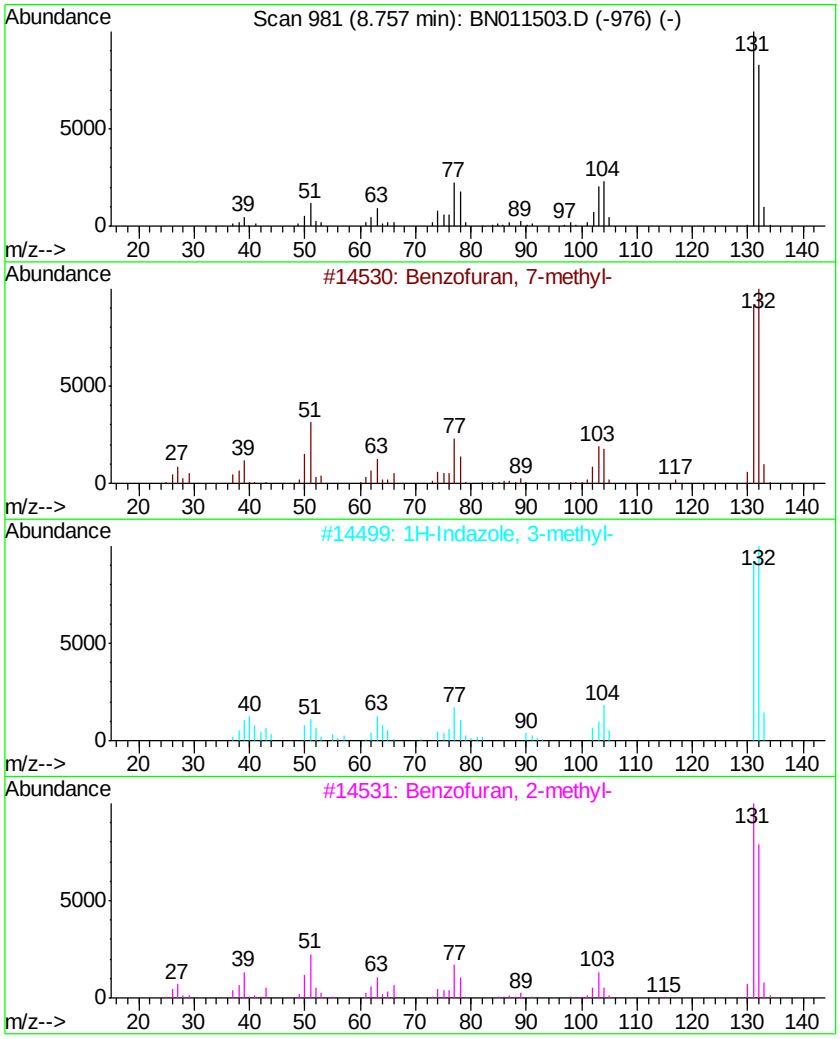
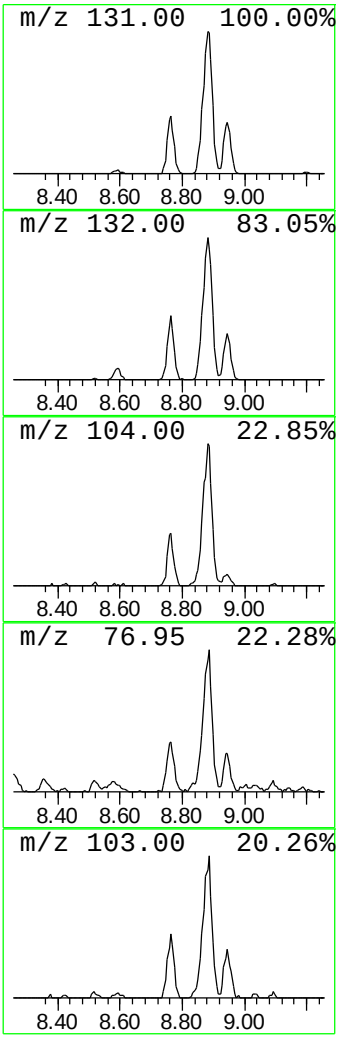
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	5.02 ng/ul	256970	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	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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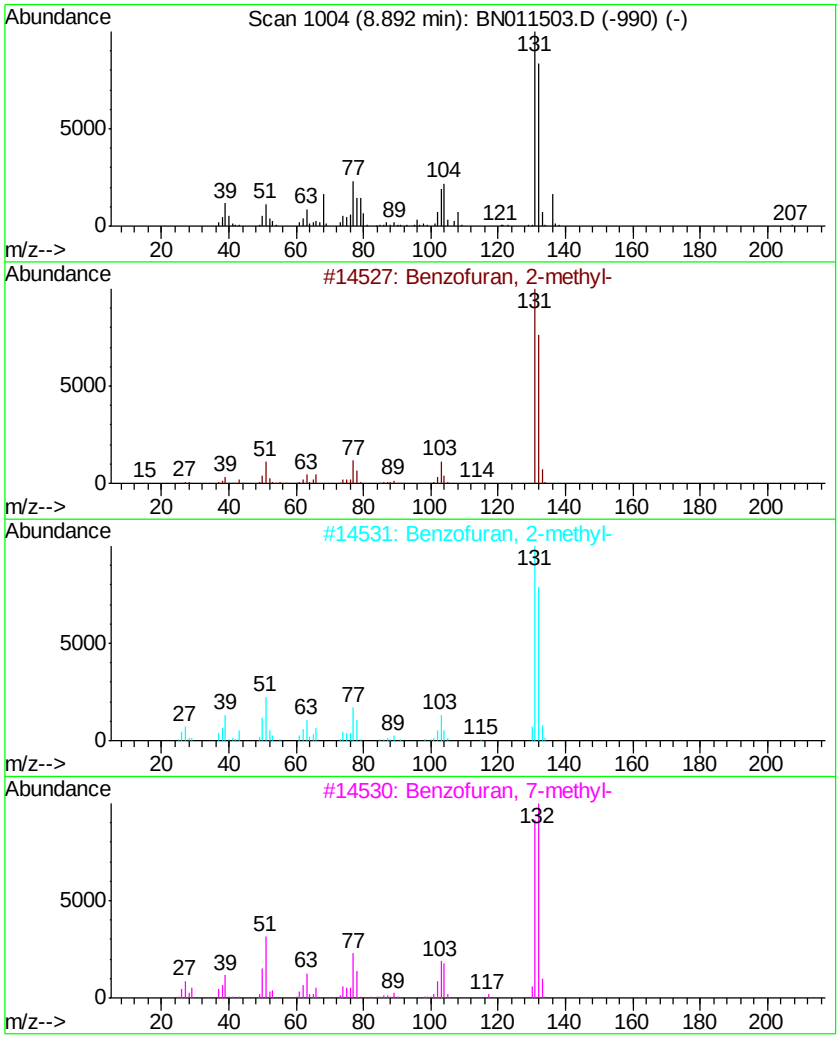
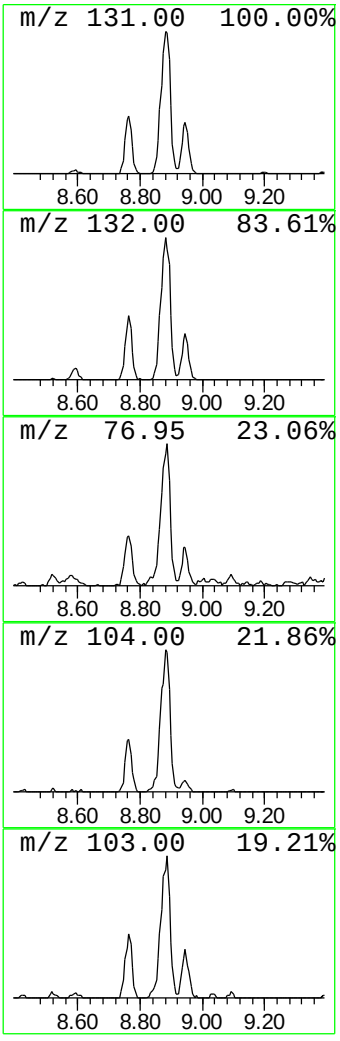
Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	20.21 ng/ul	1002850	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	83





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Quant Title : SVOA CALIBRATION

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

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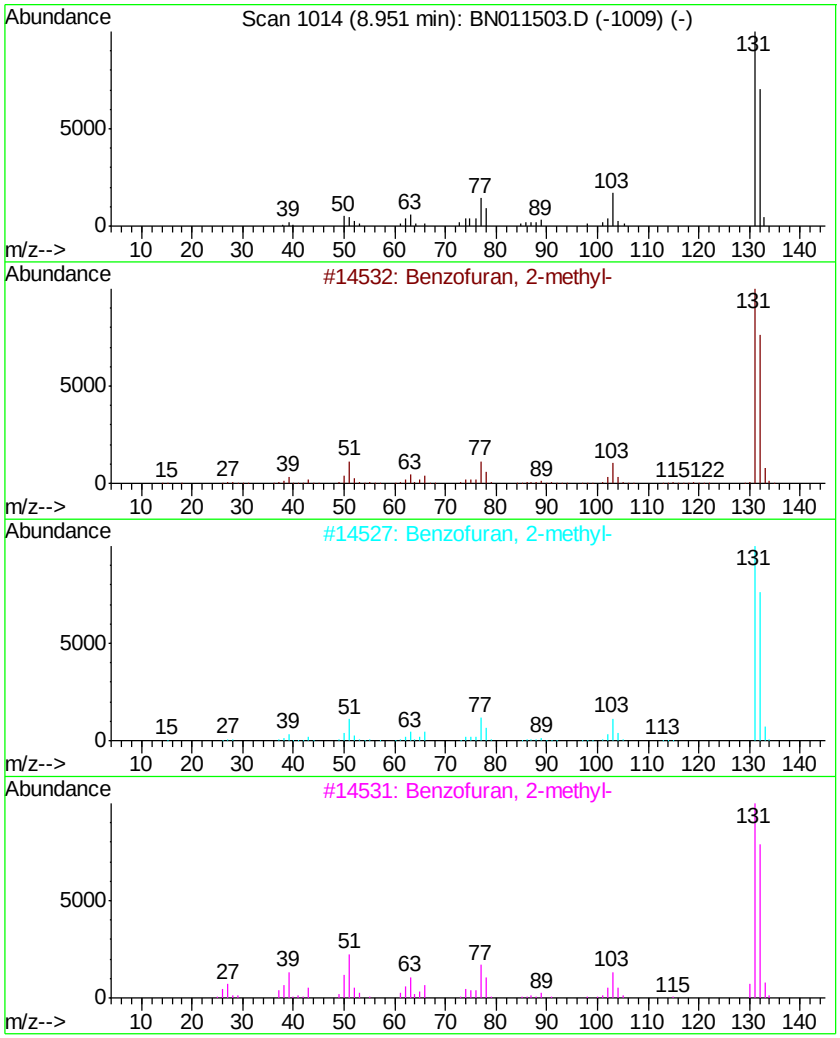
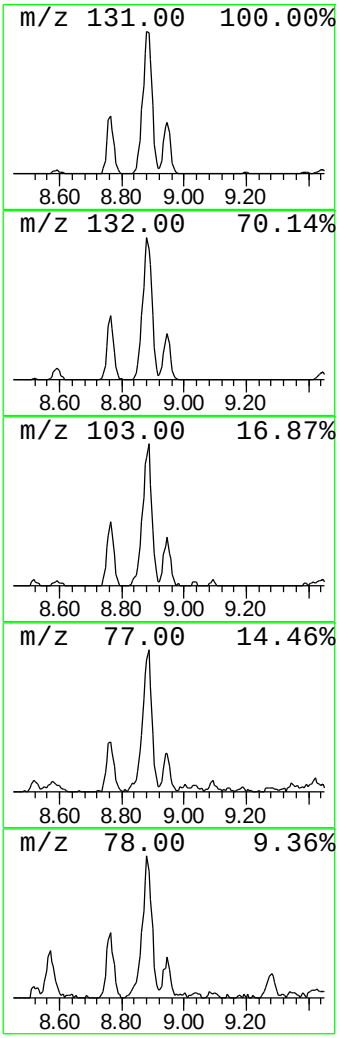
Peak Number 12 Cinnamaldehyde, (E)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	3.60 ng/ul	178838	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	78
5	1H-Indenol	132	C9H8O	056631-57-3	68





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Quant Title : SVOA CALIBRATION

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

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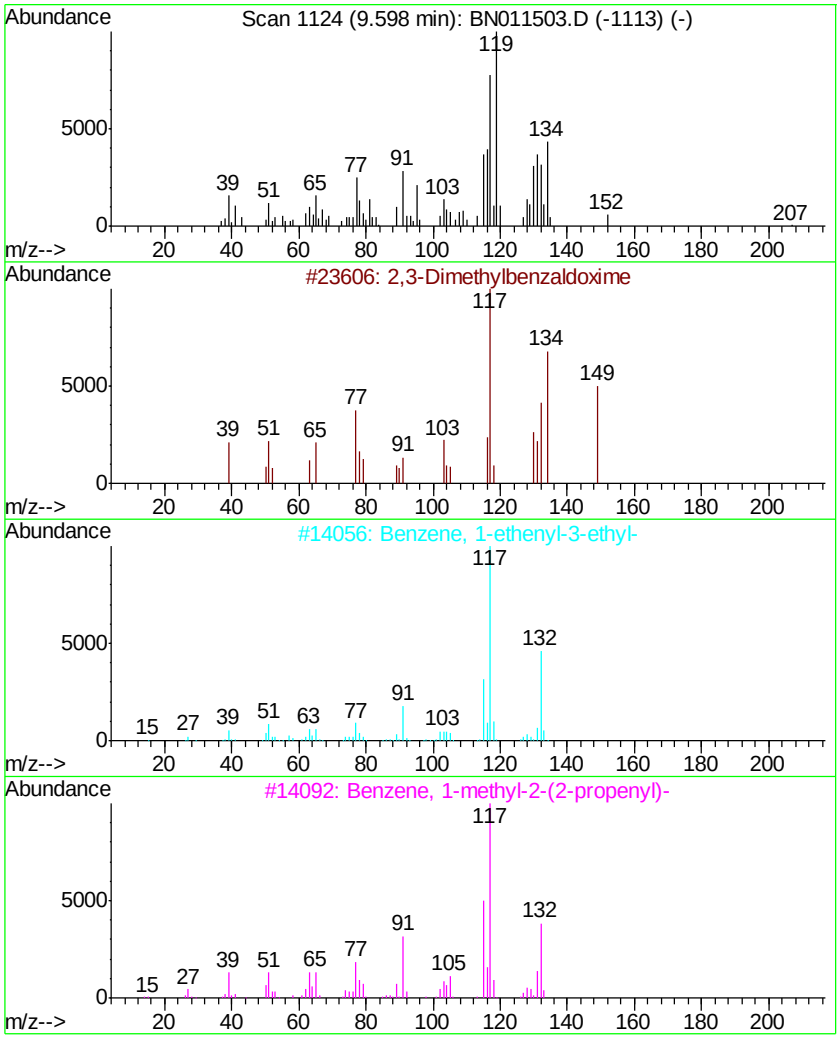
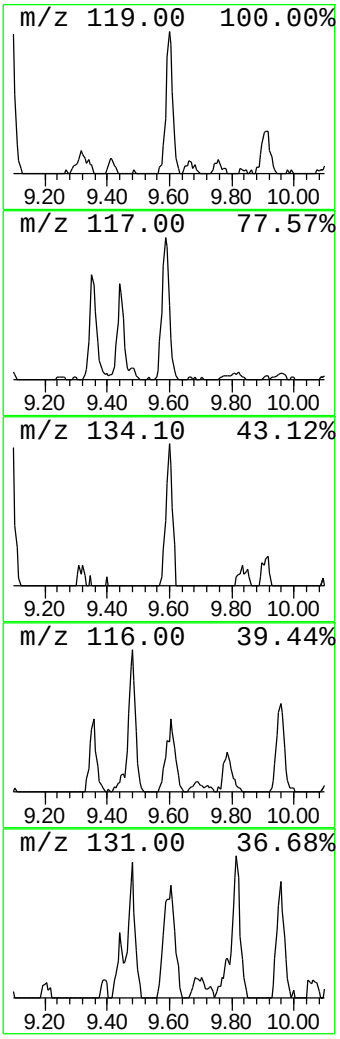
Peak Number 13 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	6.71 ng/ul	332893	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylbenzaldoxime	149	C9H11NO	1000121-45-1	43
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	38
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38





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Quant Title : SVOA CALIBRATION

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

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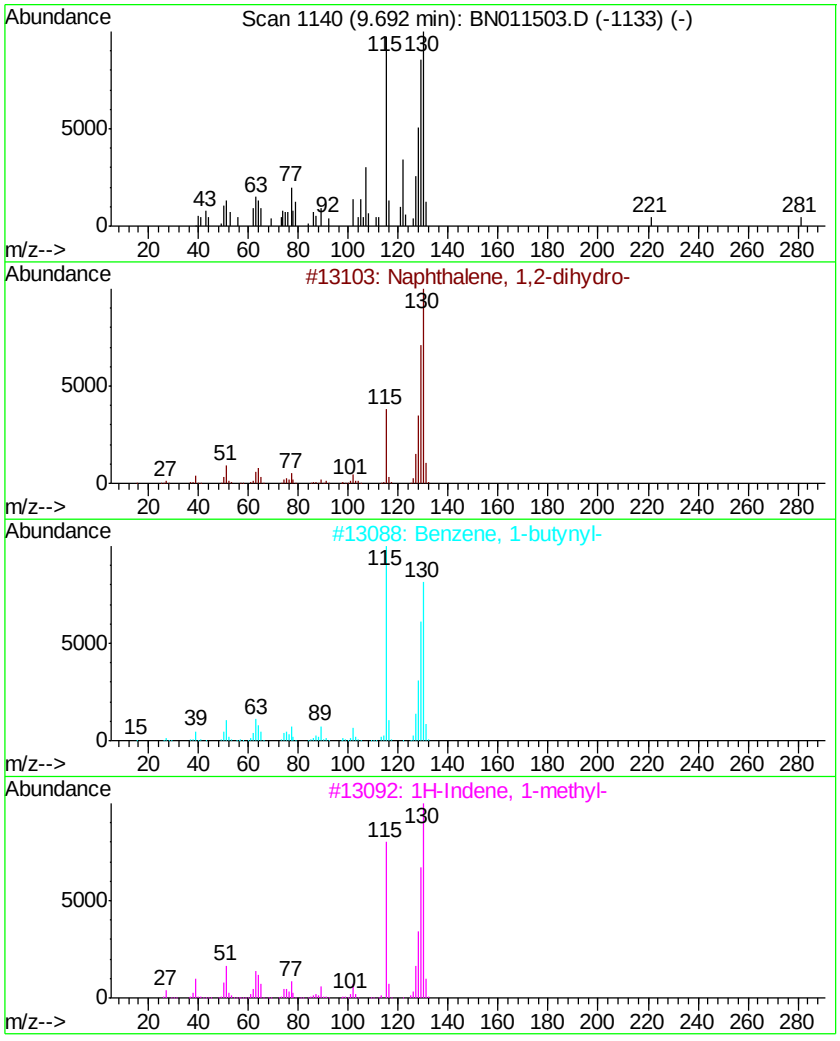
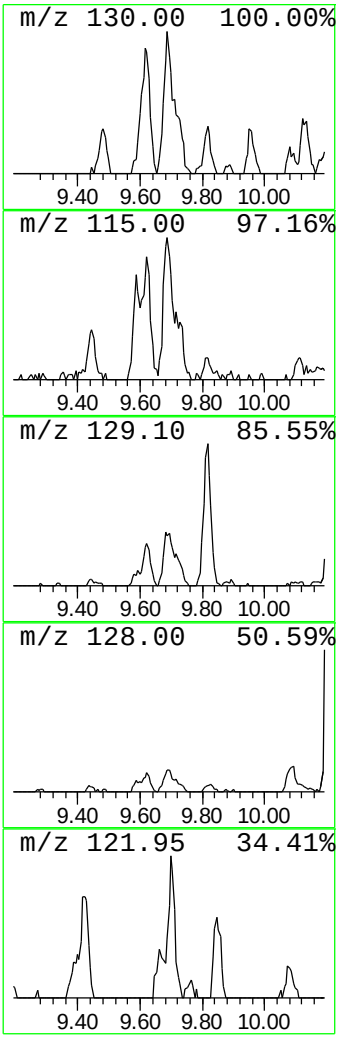
Peak Number 14 Naphthalene, 1,2-dihydro- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.43 ng/ul	170094	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
4	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	83
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	83





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Quant Title : SVOA CALIBRATION

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

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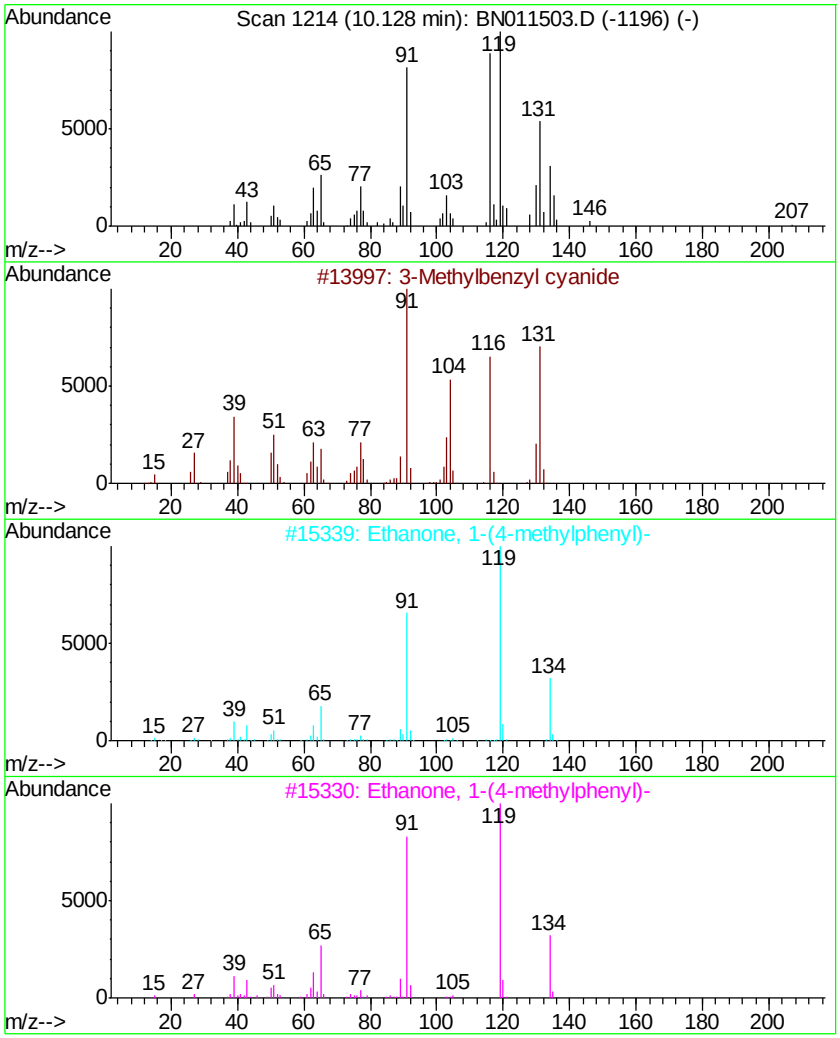
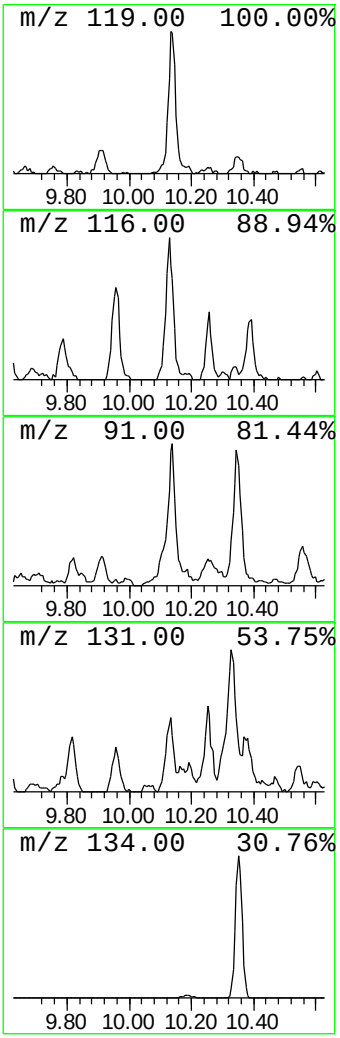
Peak Number 15 3-Methylbenzyl cyanide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	7.41 ng/ul	367656	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzyl cyanide	131	C9H9N	002947-60-6	58
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	55
3	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	55
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	55
5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	55





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Quant Title : SVOA CALIBRATION

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

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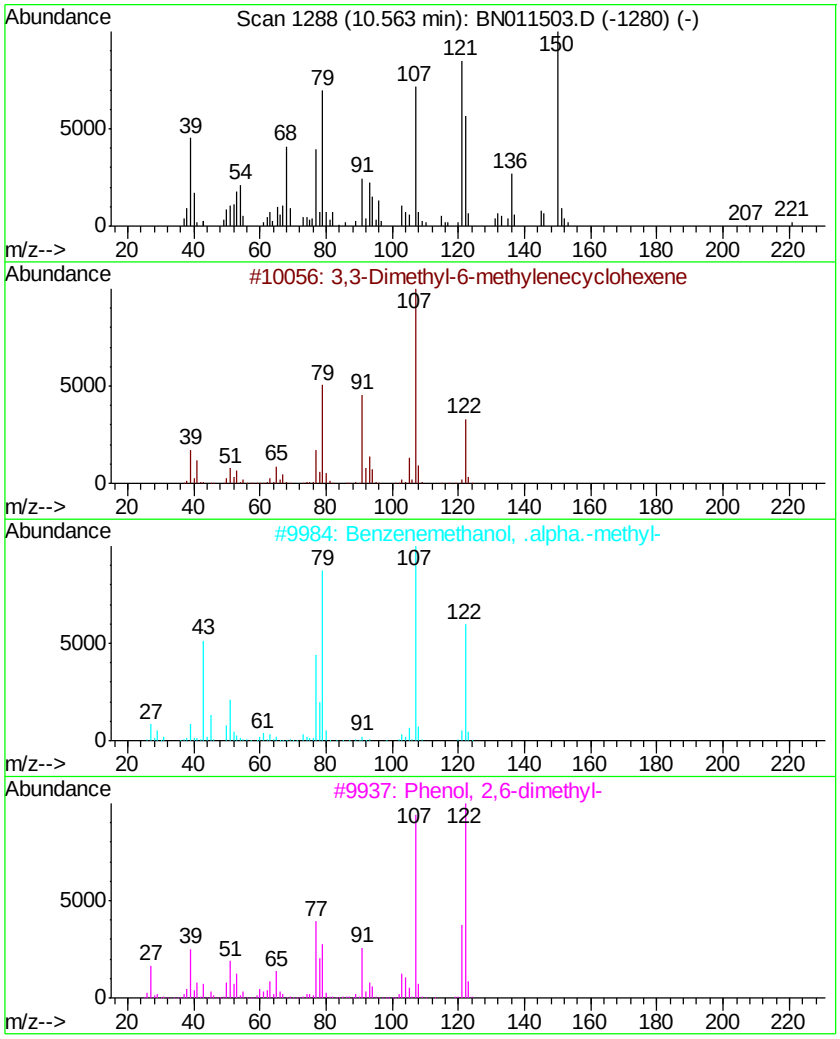
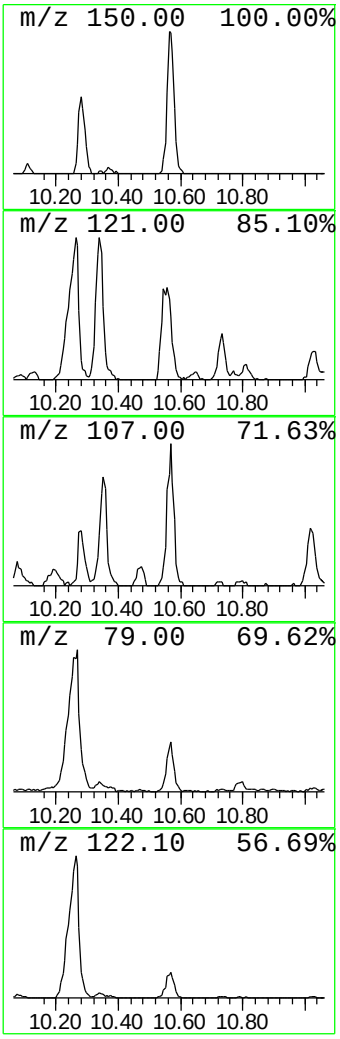
Peak Number 16 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.89 ng/ul	391347	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	38
2	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	38
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	35
4	Cyclopropane, (1-methyl-1,2-prop...	94	C7H10	051549-86-1	25
5	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	20





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Quant Title : SVOA CALIBRATION

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

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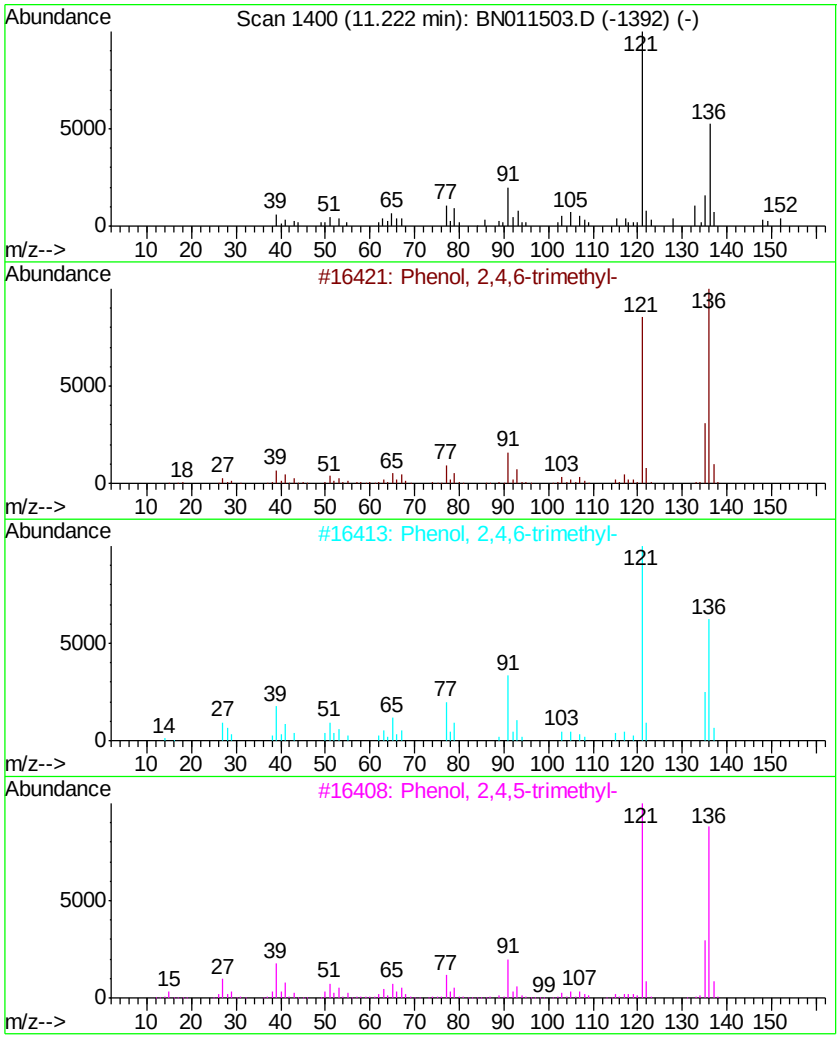
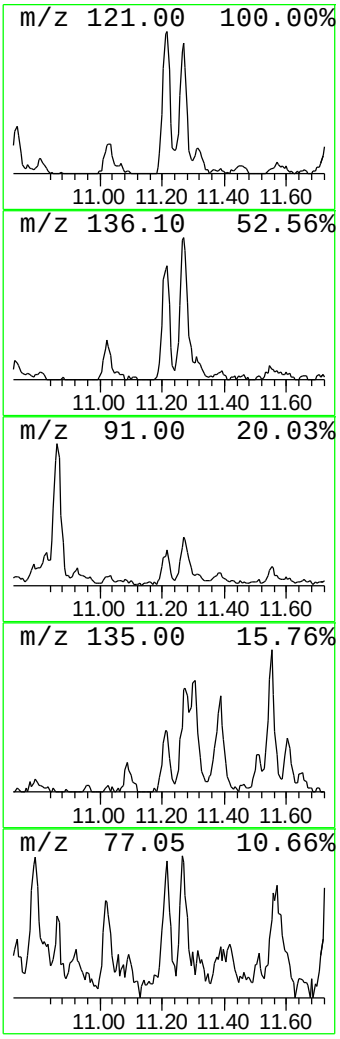
Peak Number 17 Phenol, 2,4,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.23 ng/ul	160236	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90





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Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
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Instrument : BNA_N
ClientSampleId : DBFX3

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Quant Title : SVOA CALIBRATION

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

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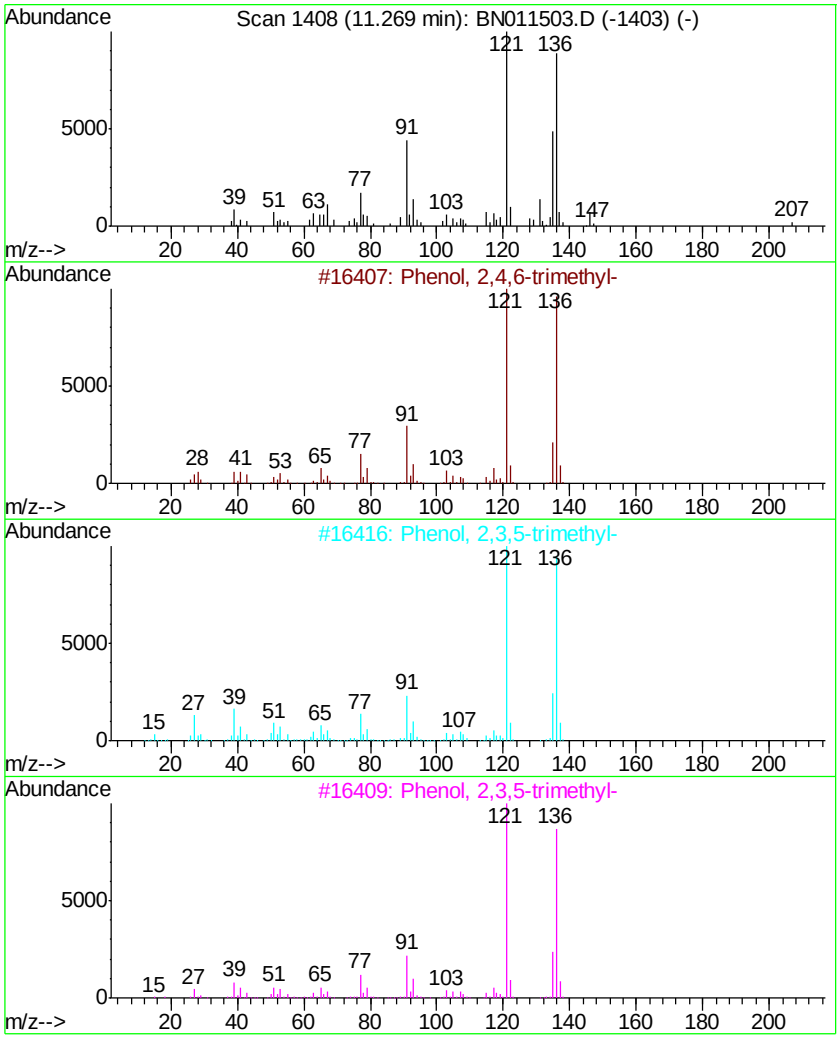
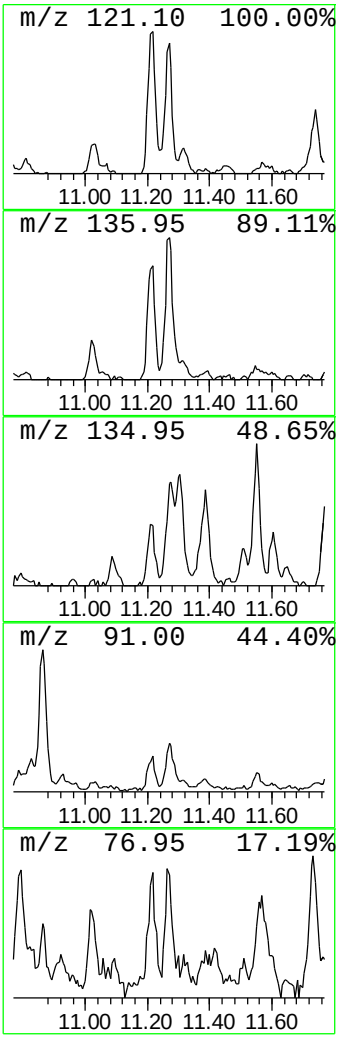
Peak Number 18 Phenol, 2,3,5-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.99 ng/ul	247739	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	81





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ClientSampleId : DBFX3

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Quant Title : SVOA CALIBRATION

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

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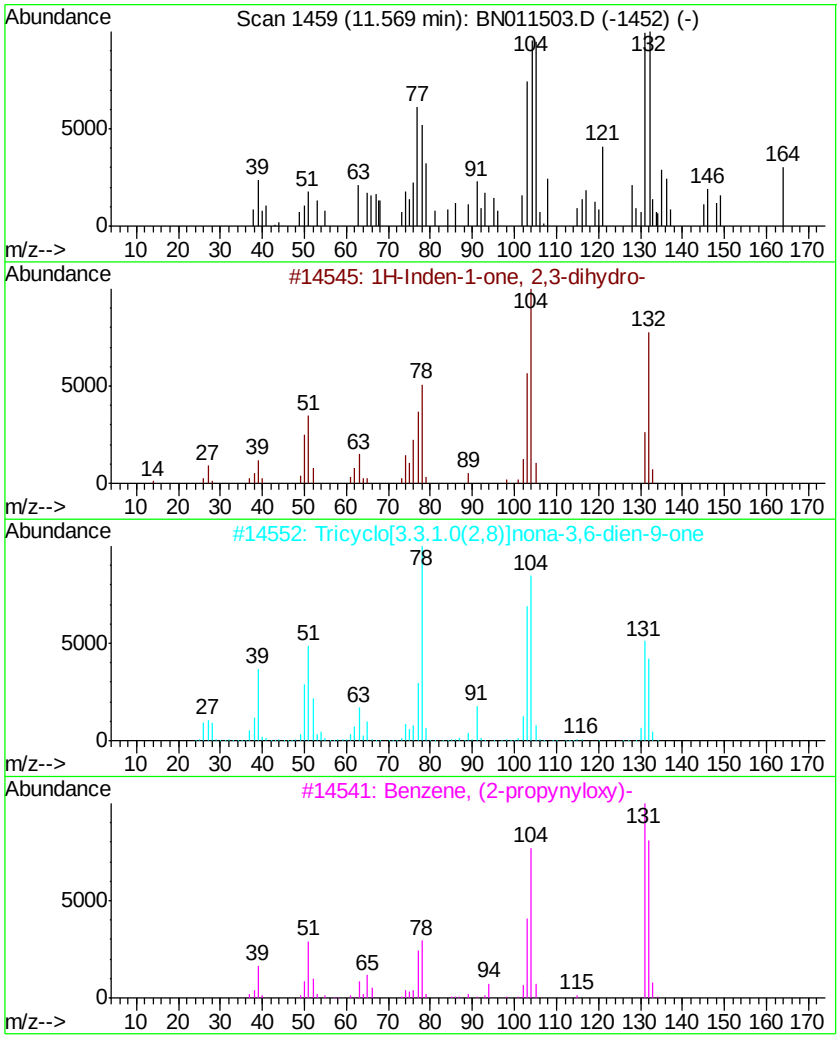
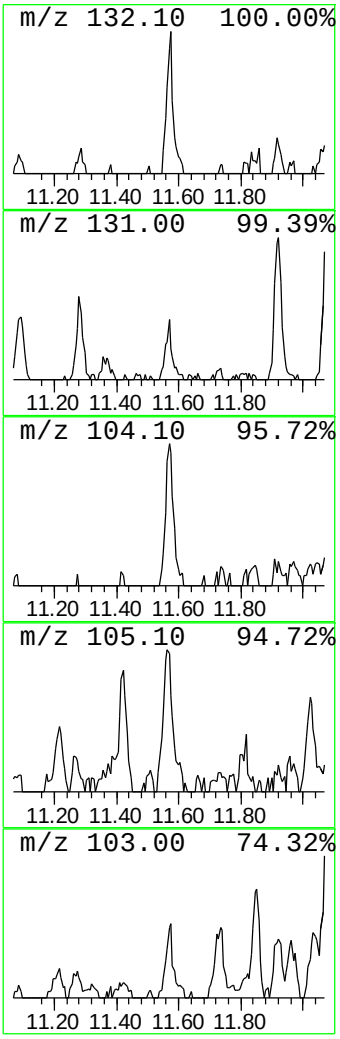
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.99 ng/ul	197970	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	78
2	Tricyclo[3.3.1.0(2,8)]nona-3,6-d...	132	C9H8O	006006-24-2	70
3	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	58
4	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	55
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	49





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Quant Title : SVOA CALIBRATION

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

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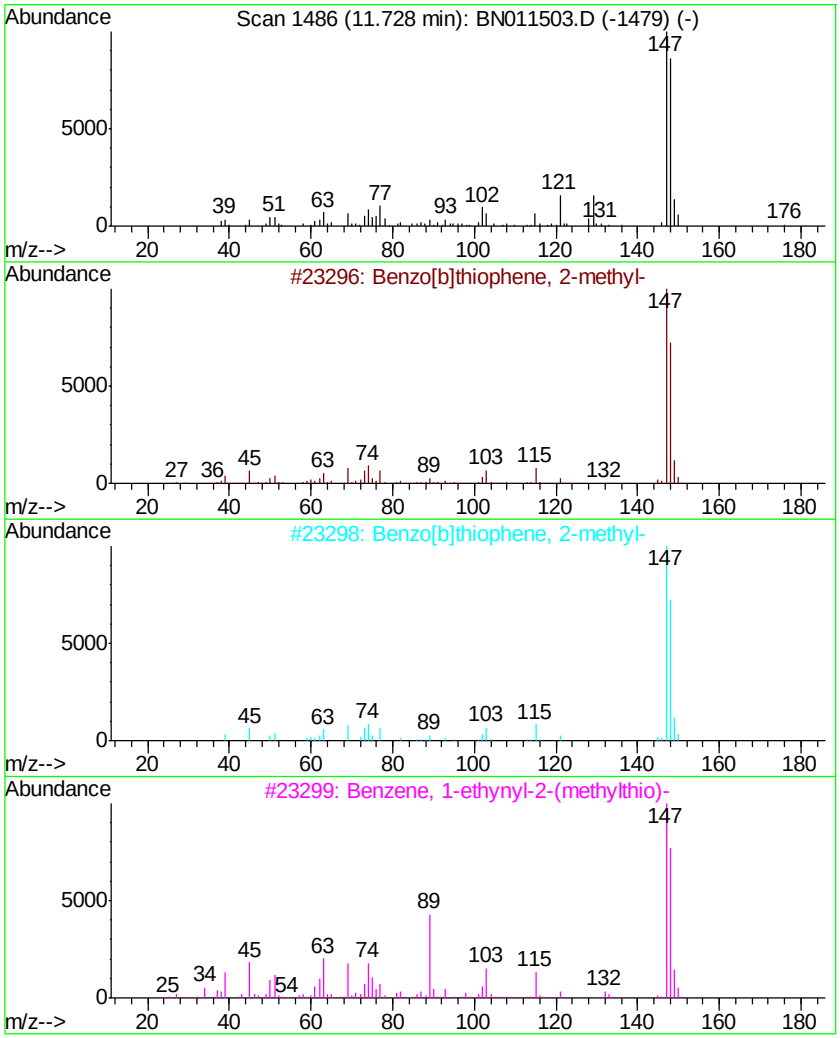
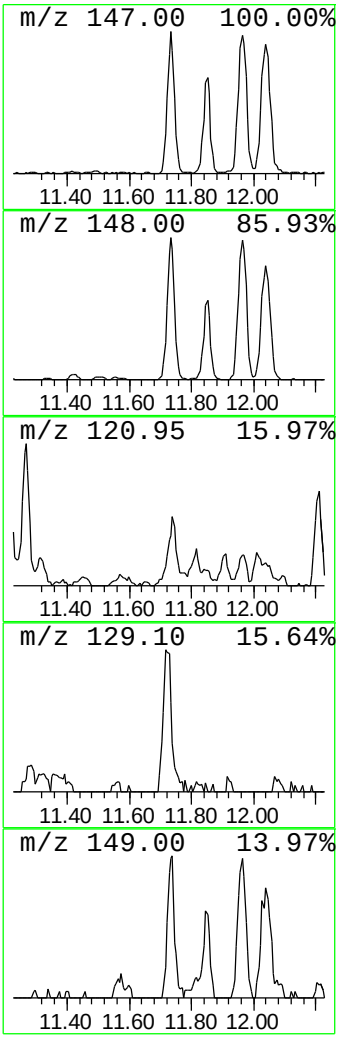
Peak Number 20 Benzo[b]thiophene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	6.98 ng/ul	346246	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
3	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	80
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
5	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	78





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Quant Title : SVOA CALIBRATION

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

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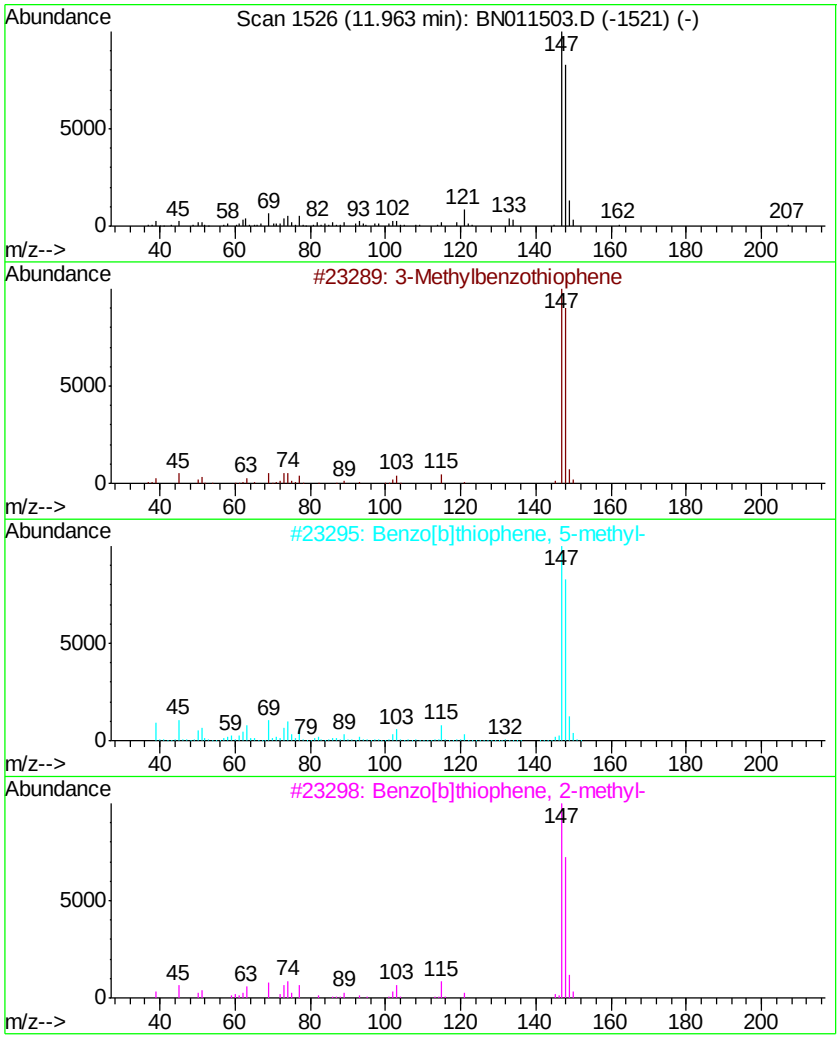
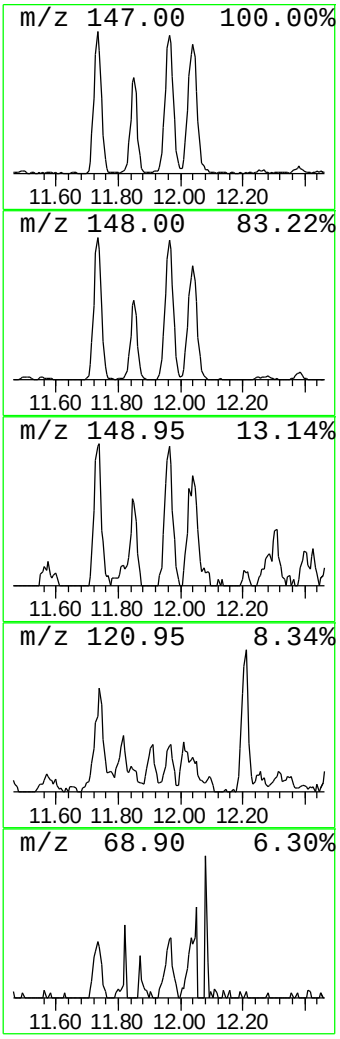
Peak Number 21 3-Methylbenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.33 ng/ul	314141	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	86
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
4	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80





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Quant Title : SVOA CALIBRATION

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

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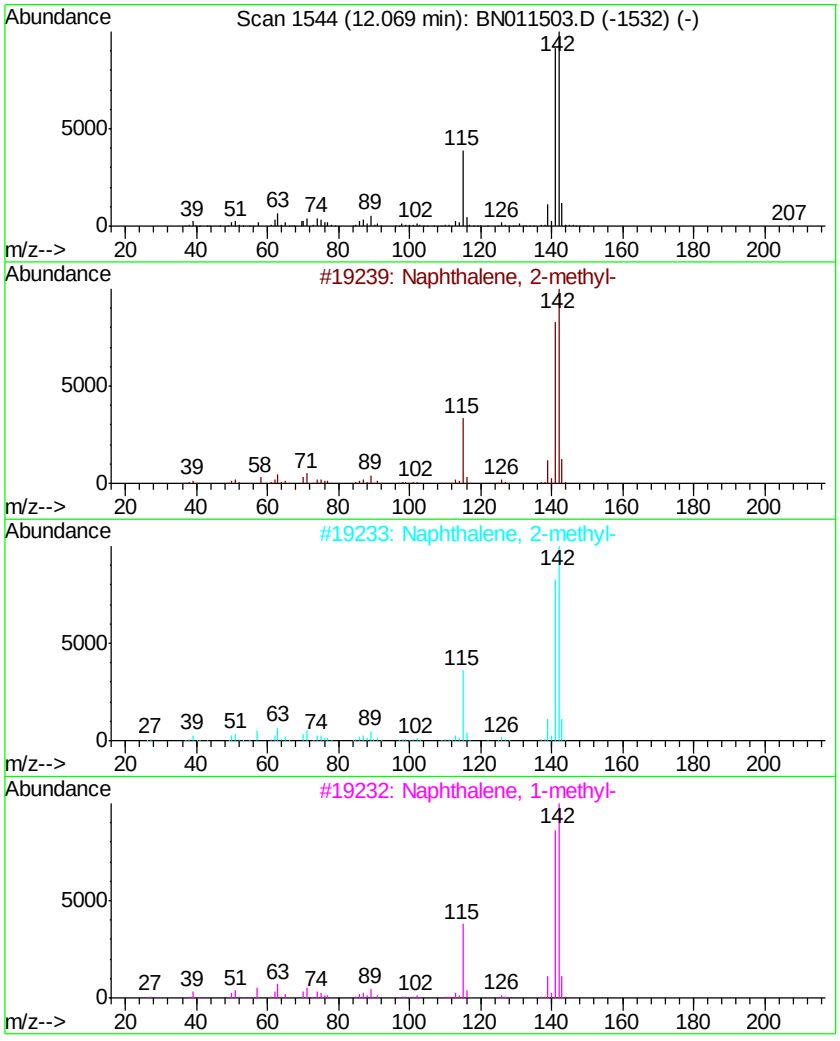
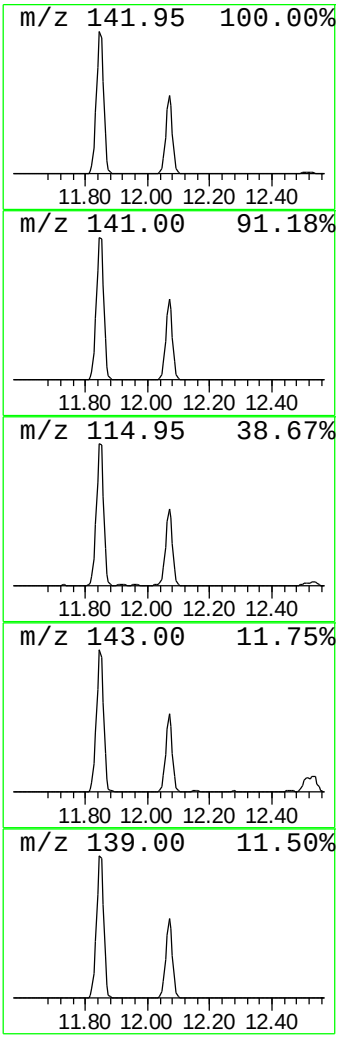
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	94.48 ng/ul	4688990	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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

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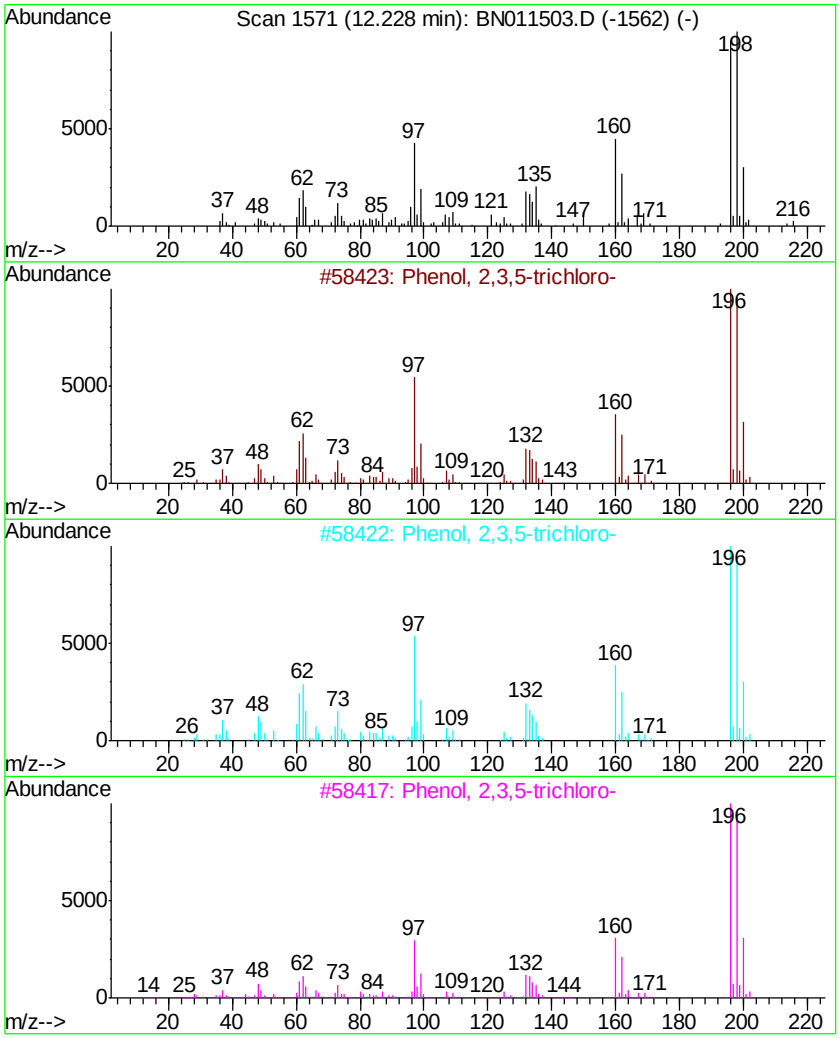
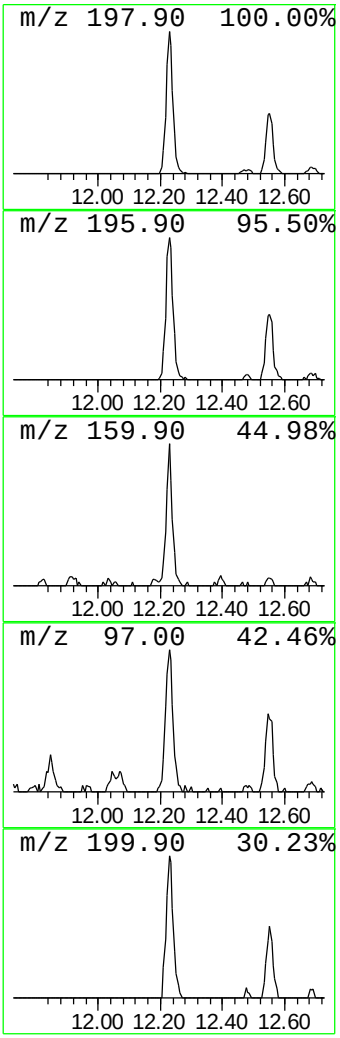
Peak Number 23 Phenol, 2,3,5-trichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.34 ng/ul	520637	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	98
2	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	94
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	94
4	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	93
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	90





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Quant Title : SVOA CALIBRATION

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

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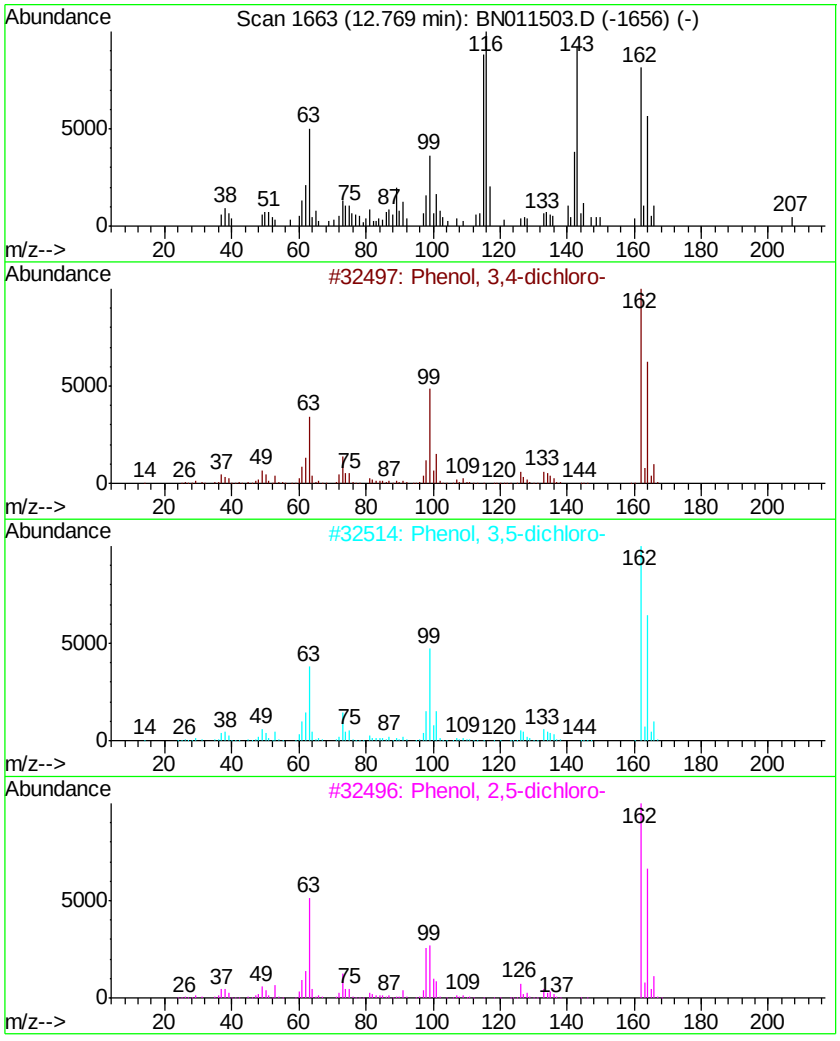
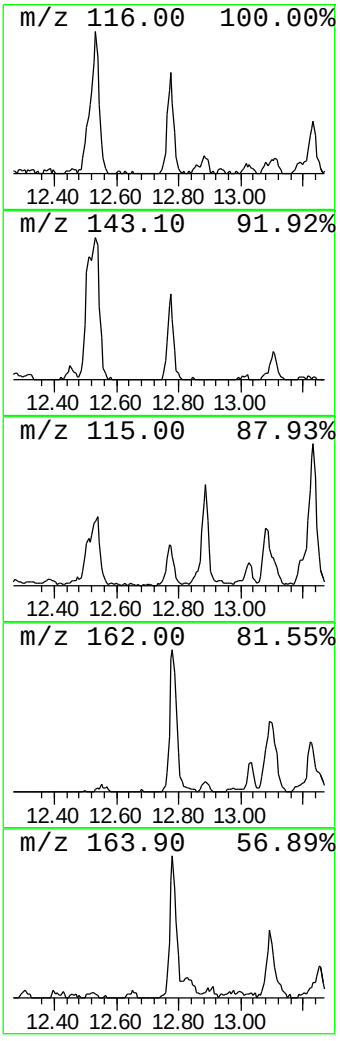
Peak Number 24 Phenol, 3,4-dichloro- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.07 ng/ul	299734	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	86
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	86
3	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	83
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	80
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	64





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TIC Integration Parameters: LSCINT.P

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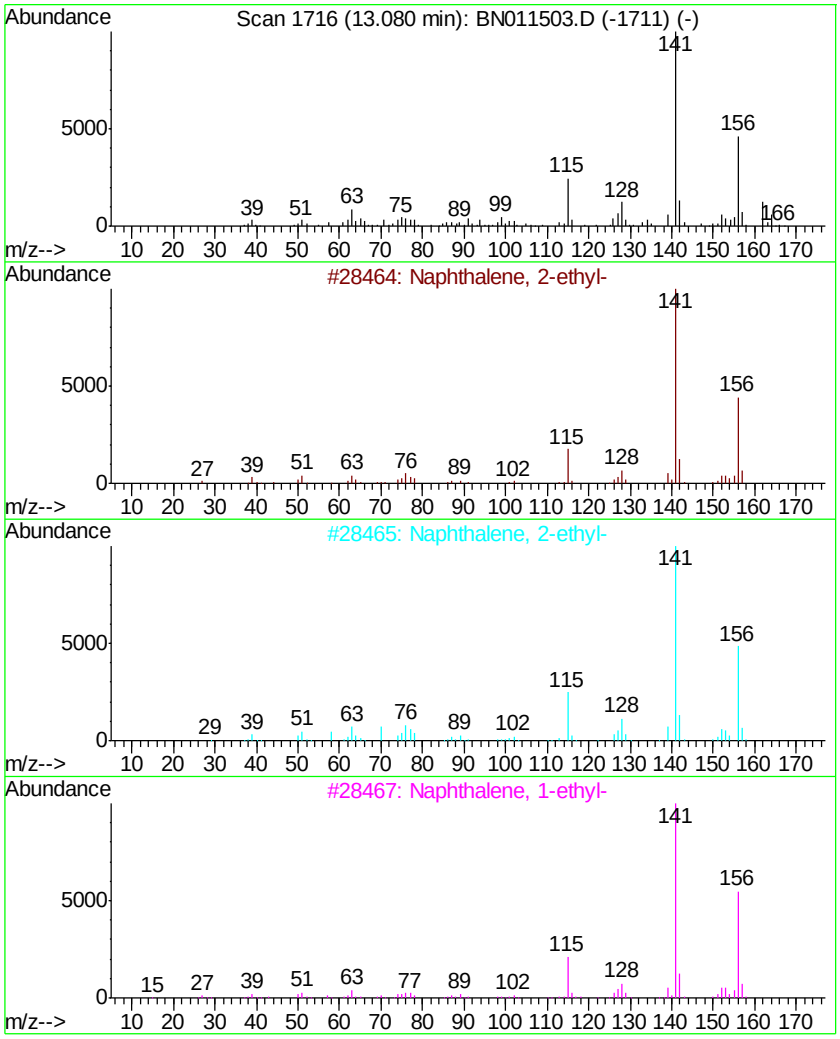
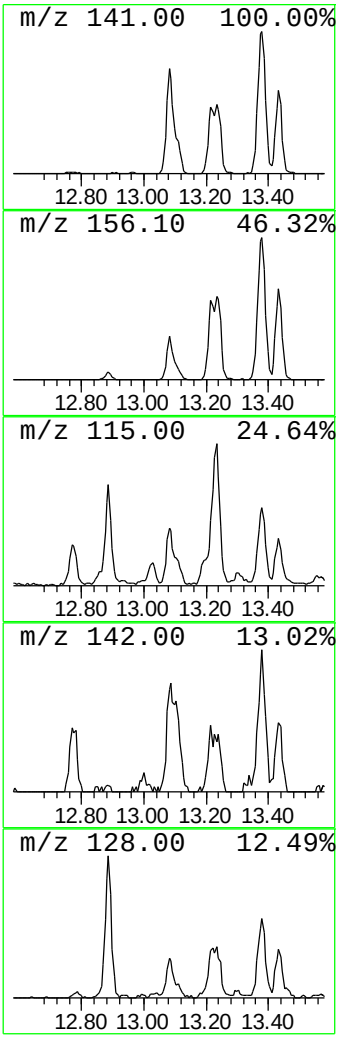
Peak Number 25 Naphthalene, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	5.34 ng/ul	521021	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





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Quant Title : SVOA CALIBRATION

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

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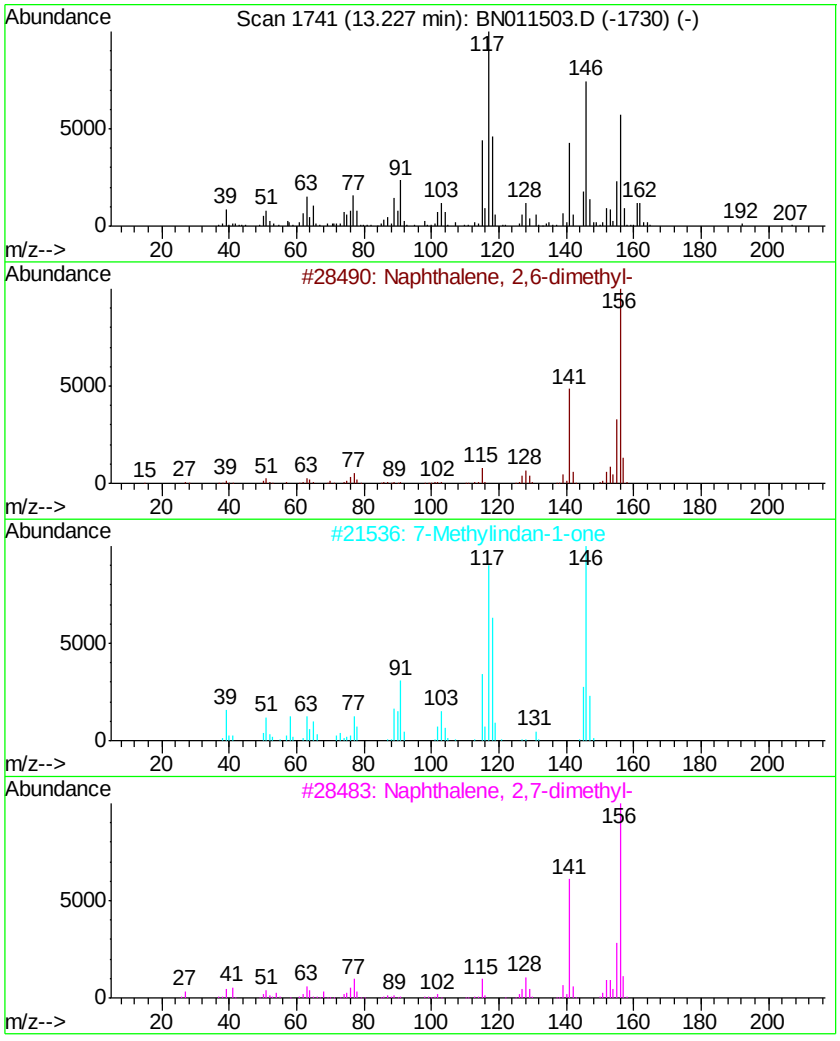
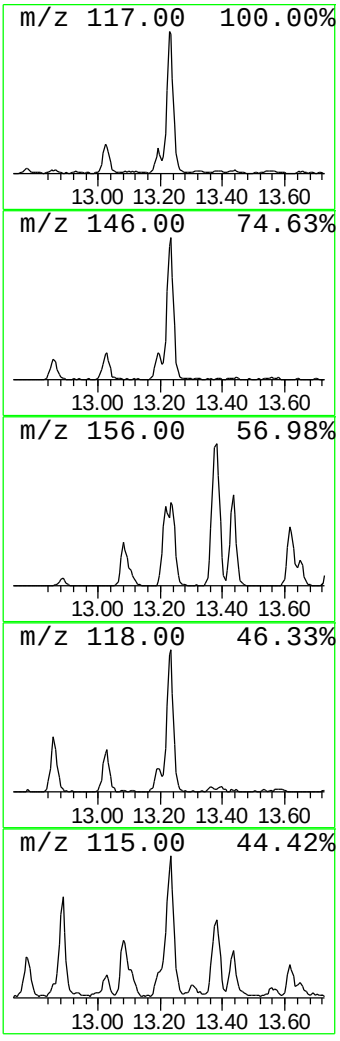
Peak Number 26 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	13.14 ng/ul	1280700	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	60
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	59
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	59
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	59





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TIC Integration Parameters: LSCINT.P

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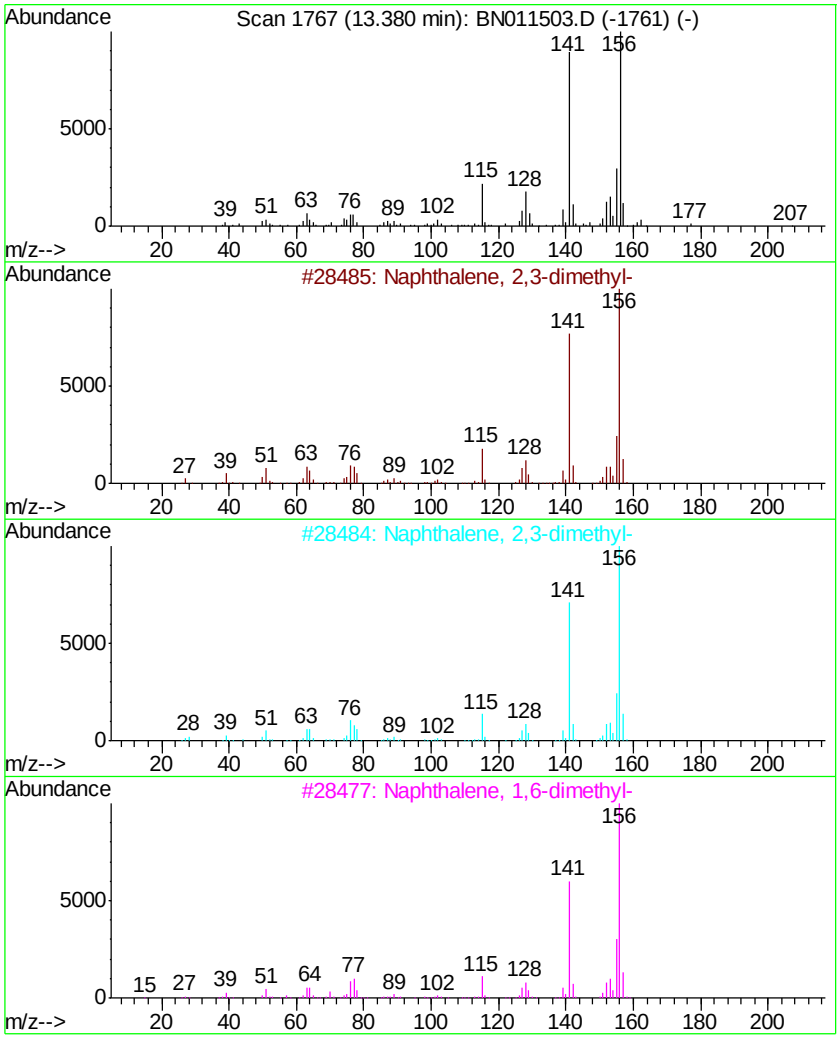
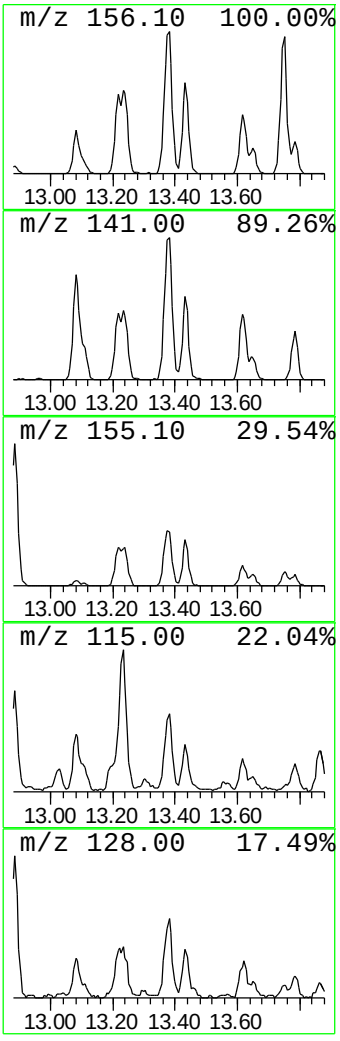
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.91 ng/ul	673806	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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TIC Integration Parameters: LSCINT.P

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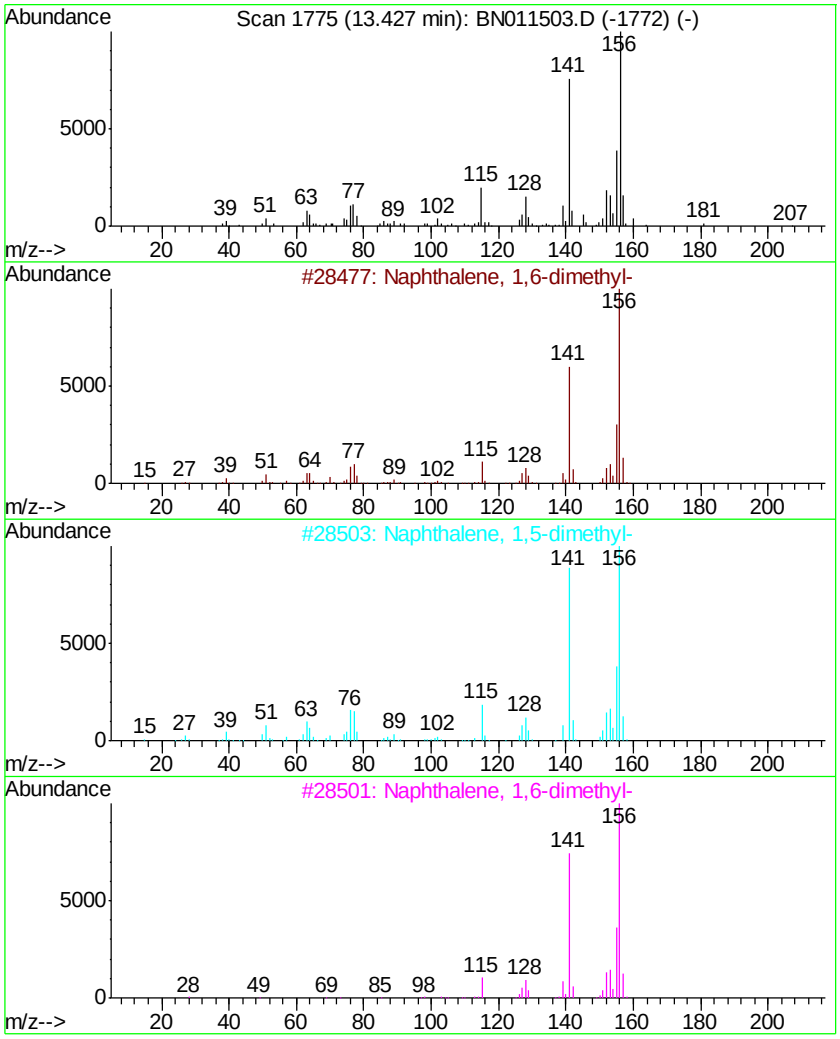
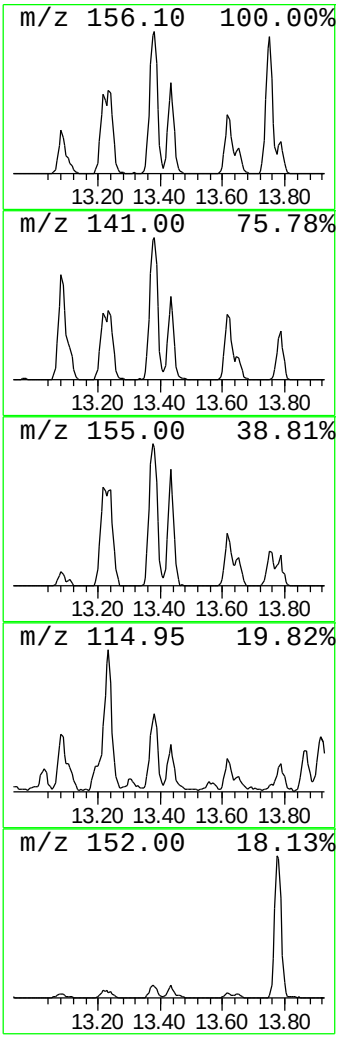
Peak Number 28 Naphthalene, 1,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.68 ng/ul	358861	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

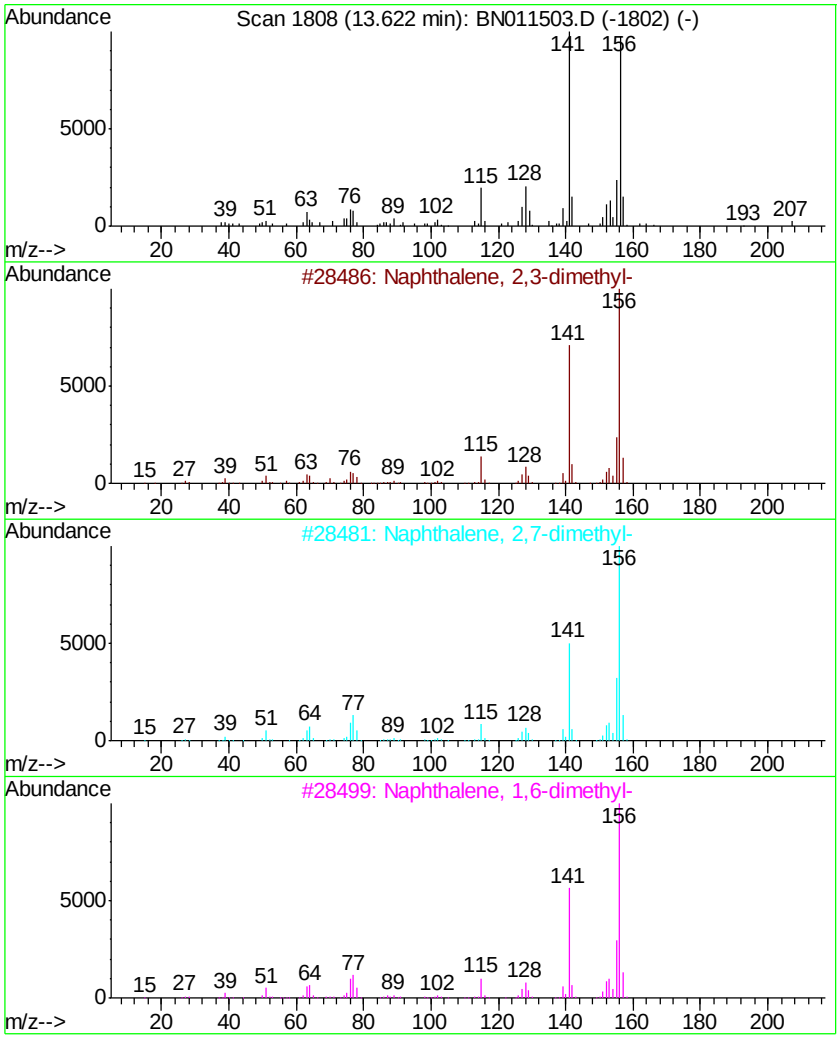
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

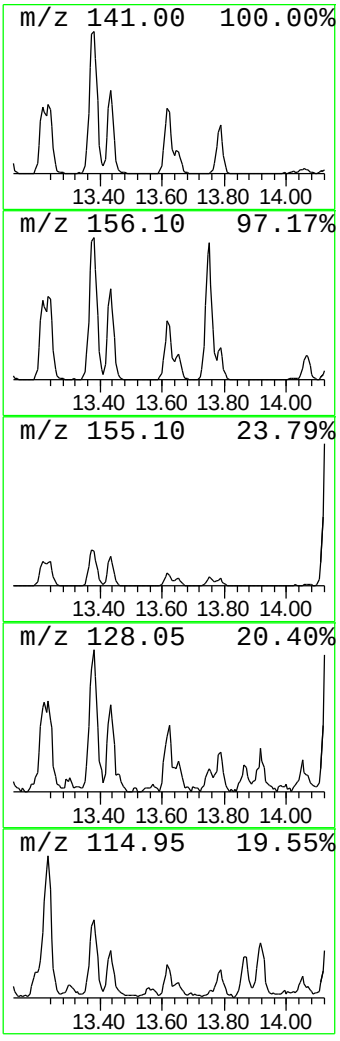
****

Peak Number 29 Naphthalene, 2,7-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.47 ng/ul	240308	Acenaphthene-d10	14.06

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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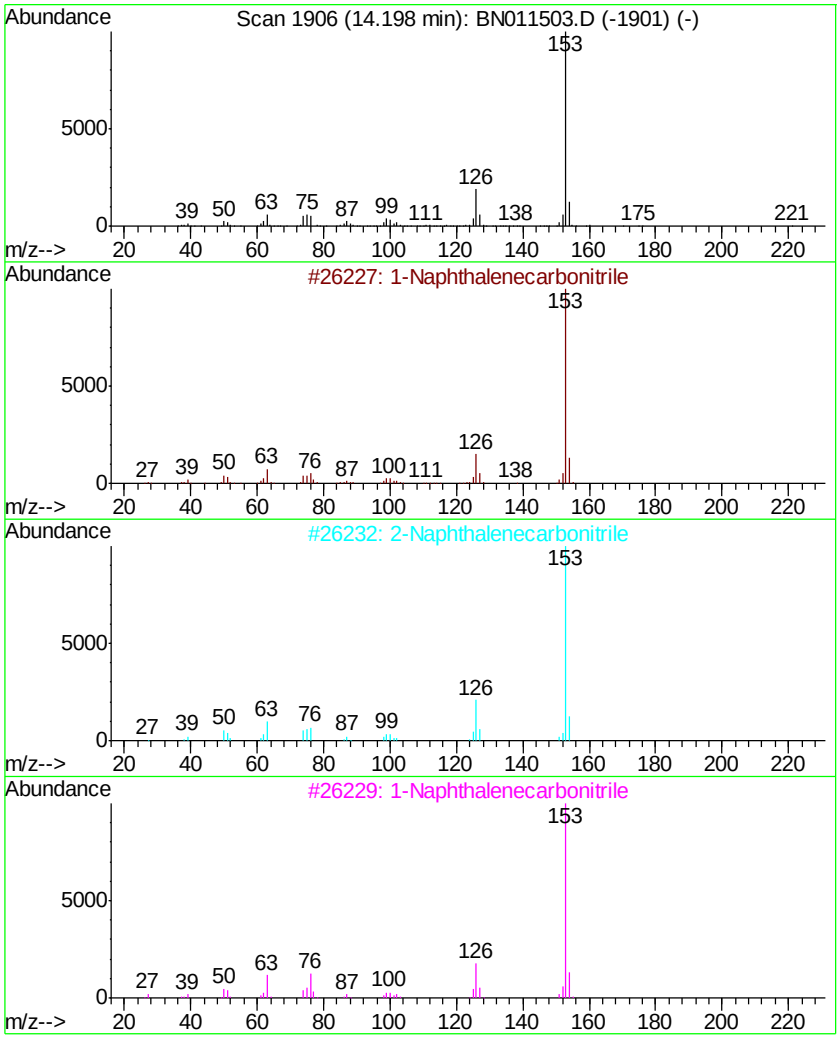
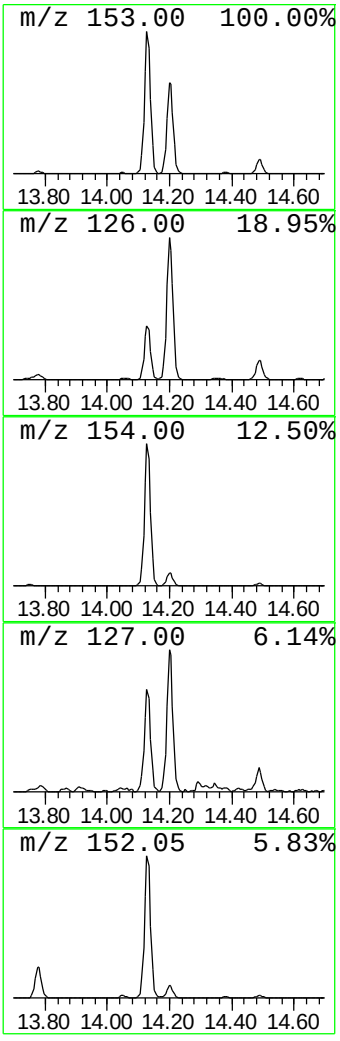
Peak Number 30 1-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	23.96 ng/ul	2336030	Acenaphthene-d10	14.06

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	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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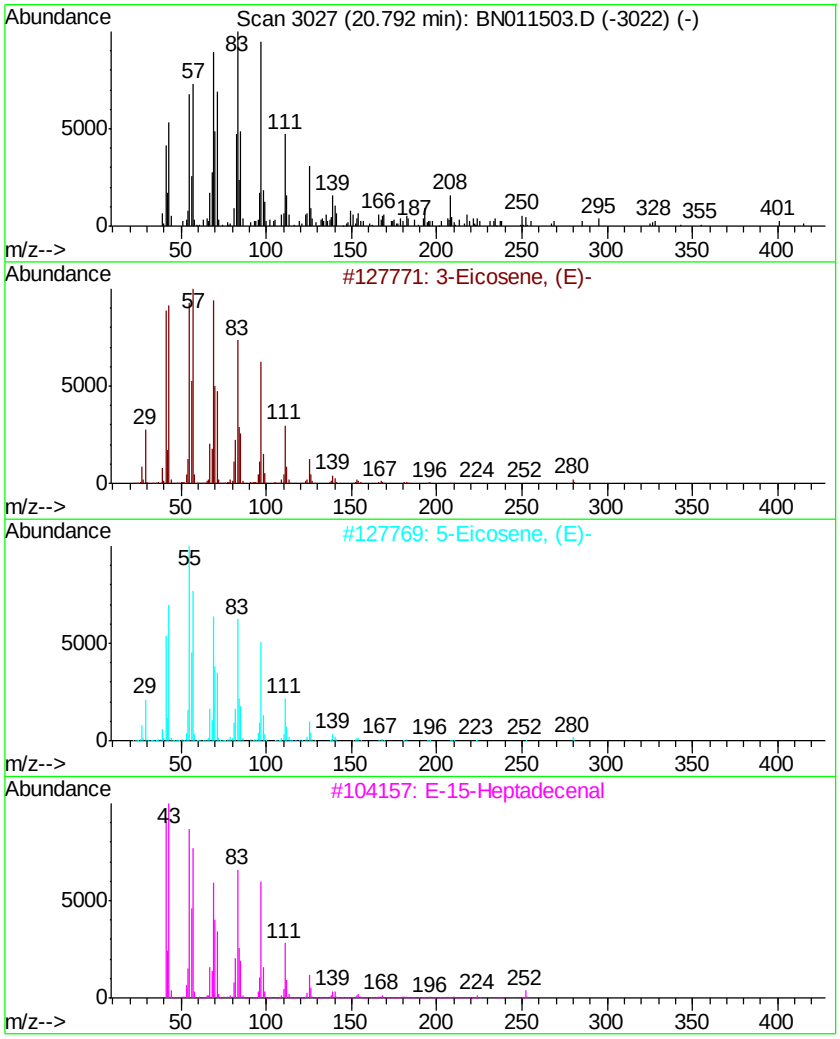
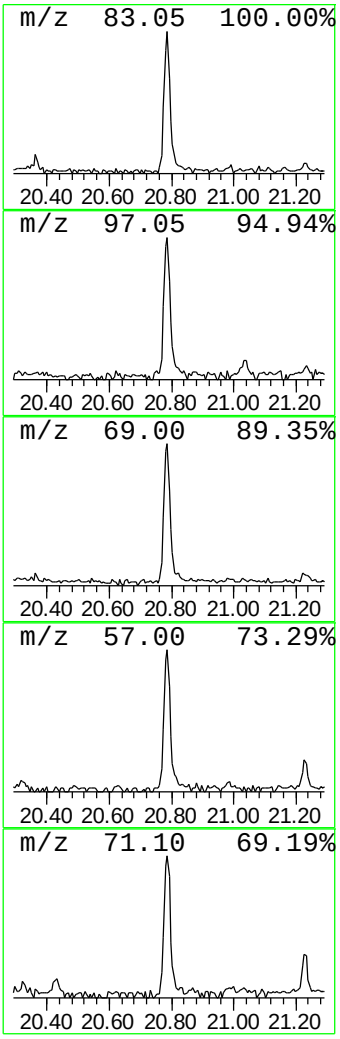
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.63 ng/ul	343385	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
4	Cyclohexadecane	224	C16H32	000295-65-8	95
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFX3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.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
Benzene, 1,3-dime...	5.15	7.6	ng/ul	390647	1	7.43	1022780	20.0
o-Xylene	5.50	6.9	ng/ul	354783	1	7.43	1022780	20.0
unknown-01	6.55	3.3	ng/ul	168999	1	7.43	1022780	20.0
Benzene, 1,2,3-tr...	7.09	7.1	ng/ul	361723	1	7.43	1022780	20.0
Benzofuran	7.16	29.6	ng/ul	1512140	1	7.43	1022780	20.0
Benzene, 1-ethyl-...	7.55	3.2	ng/ul	162091	1	7.43	1022780	20.0
Indane	7.79	8.1	ng/ul	411840	1	7.43	1022780	20.0
Benzene, 1-propynyl-	7.95	58.7	ng/ul	3002690	1	7.43	1022780	20.0
Benzonitrile, 3-m...	8.26	19.0	ng/ul	971604	1	7.43	1022780	20.0
Benzofuran, 7-met...	8.76	5.0	ng/ul	256970	1	7.43	1022780	20.0
Benzofuran, 2-met...	8.89	20.2	ng/ul	1002850	2	10.19	992585	20.0
Cinnamaldehyde, (E)-	8.95	3.6	ng/ul	178838	2	10.19	992585	20.0
unknown-02	9.60	6.7	ng/ul	332893	2	10.19	992585	20.0
Naphthalene, 1,2-...	9.69	3.4	ng/ul	170094	2	10.19	992585	20.0
3-Methylbenzyl cy...	10.13	7.4	ng/ul	367656	2	10.19	992585	20.0
unknown-03	10.56	7.9	ng/ul	391347	2	10.19	992585	20.0
Phenol, 2,4,6-tri...	11.22	3.2	ng/ul	160236	2	10.19	992585	20.0
Phenol, 2,3,5-tri...	11.27	5.0	ng/ul	247739	2	10.19	992585	20.0
1H-Inden-1-one, 2...	11.57	4.0	ng/ul	197970	2	10.19	992585	20.0
Benzo[b]thiophene...	11.73	7.0	ng/ul	346246	2	10.19	992585	20.0
3-Methylbenzothio...	11.96	6.3	ng/ul	314141	2	10.19	992585	20.0
Naphthalene, 1-me...	12.07	94.5	ng/ul	4688990	2	10.19	992585	20.0
Phenol, 2,3,5-tri...	12.23	5.3	ng/ul	520637	3	14.06	1949620	20.0
Phenol, 3,4-dichl...	12.77	3.1	ng/ul	299734	3	14.06	1949620	20.0
Naphthalene, 2-et...	13.08	5.3	ng/ul	521021	3	14.06	1949620	20.0
Naphthalene, 2,6-...	13.23	13.1	ng/ul	1280700	3	14.06	1949620	20.0
Naphthalene, 2,3-...	13.38	6.9	ng/ul	673806	3	14.06	1949620	20.0
Naphthalene, 1,6-...	13.43	3.7	ng/ul	358861	3	14.06	1949620	20.0
Naphthalene, 2,7-...	13.62	2.5	ng/ul	240308	3	14.06	1949620	20.0
1-Naphthalenecarb...	14.20	24.0	ng/ul	2336030	3	14.06	1949620	20.0
(DEL) Alkane: Str...	20.79	2.6	ng/ul	343385	5	21.03	2612000	20.0