LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012182.D
Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

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-BN100920.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	3.205	34	37	50	rVB	198583	284744	0.89%	0.105%
2	3.887	146	153	168	rVB	7994934	11554318	35.95%	4.242%
3	4.246	209	214	222	rVV	139217	254304	0.79%	0.093%
4	4.317	222	226	236	rVB	179526	288302	0.90%	0.106%
5	6.628	614	619	625	rVV2	313805	521672	1.62%	0.192%
6	6.699	626	631	641	rVB	542677	829573	2.58%	0.305%
7	6.811	641	650	664	rVB2	352631	745808	2.32%	0.274%
8	6.969	670	677	683	rBV	847266	1311334	4.08%	0.481%
9	7.028	683	687	695	rVB2	219915	363468	1.13%	0.133%
10	7.164	705	710	719	rVB	1022118	1642978	5.11%	0.603%
11	7.458	754	760	765	rBV	396655	614413	1.91%	0.226%
12	7.628	780	789	797	rBV	1236502	2037445	6.34%	0.748%
13	7.763	805	812	823	rVB	6124372	9060593	28.19%	3.327%
14	7.934	833	841	846	rBV5	198222	369959	1.15%	0.136%
15	7.999	846	852	856	rBV	202318	333737	1.04%	0.123%
16	8.340	905	910	915	rVV	979889	1546342	4.81%	0.568%
17	8.399	915	920	934	rVV	1171067	2154305	6.70%	0.791%
18	8.558	943	947	951	rVV	181980	295657	0.92%	0.109%
19	8.611	951	956	962	rVB	810925	1277206	3.97%	0.469%
20	8.775	980	984	993	rVB	939755	1584798	4.93%	0.582%
21	8.863	993	999	1009	rVB	9653581	14796184	46.04%	5.433%
22	9.328	1069	1078	1082	rBV3	169315	342121	1.06%	0.126%
23	9.493	1100	1106	1111	rBV	947206	1673555	5.21%	0.614%
24	9.546	1111	1115	1120	rVB3	300943	491057	1.53%	0.180%
25	9.646	1121	1132	1137	rBV	523762	1284138	4.00%	0.471%
26	9.787	1142	1156	1159	rVV	9332148	15264677	47.49%	5.605%
27	9.834	1159	1164	1172	rVV	18151606	29089333	90.51%	10.681%
28	9.957	1178	1185	1191	rVB	1749911	3095440	9.63%	1.137%
29	10.034	1191	1198	1206	rBV2	2193459	3892151	12.11%	1.429%
30	10.187	1217	1224	1229	rBV2	229508	475411	1.48%	0.175%
31	10.275	1232	1239	1244	rVV	1237177	2088242	6.50%	0.767%
32	10.328	1244	1248	1255	rVV2	191878	471779	1.47%	0.173%
33	10.405	1255	1261	1266	rVV	1617392	2879878	8.96%	1.057%
34	10.463	1266	1271	1275	rVV3	1045010	1871651	5.82%	0.687%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

35	10.546	1275	1285	1298	rVB2	1363973	3980600	12.39%	1.462%
36	10.657	1298	1304	1310	rBV3	264173	481033	1.50%	0.177%
37	10.763	1316	1322	1330	rBV	2546887	4208918	13.10%	1.545%
38	10.946	1349	1353	1358	rVV	370792	623905	1.94%	0.229%
39	10.999	1358	1362	1369	rVB5	149826	291713	0.91%	0.107%
40	11.146	1382	1387	1392	rBV	339835	511693	1.59%	0.188%
41	11.234	1392	1402	1409	rVB	1150482	1911218	5.95%	0.702%
42	11.752	1482	1490	1497	rBV	405358	780146	2.43%	0.286%
43	11.863	1504	1509	1513	rBV	266756	402167	1.25%	0.148%
44	11.910	1513	1517	1523	rVV2	312509	538493	1.68%	0.198%
45	11.981	1525	1529	1533	rVV6	125116	255961	0.80%	0.094%
46	12.022	1533	1536	1539	rVV3	178410	284856	0.89%	0.105%
47	12.081	1541	1546	1550	rVV3	263281	547725	1.70%	0.201%
48	12.152	1550	1558	1567	rVB2	952987	1808141	5.63%	0.664%
49	12.293	1577	1582	1588	rVB3	228557	363309	1.13%	0.133%
50	12.422	1598	1604	1614	rBV4	698523	1447051	4.50%	0.531%
51	12.522	1615	1621	1631	rVB7	279859	636180	1.98%	0.234%
52	12.646	1638	1642	1647	rBV3	245997	383872	1.19%	0.141%
53	12.769	1659	1663	1671	rVB4	299961	586046	1.82%	0.215%
54	12.851	1672	1677	1682	rBV2	271554	432255	1.34%	0.159%
55	12.922	1682	1689	1693	rBV4	254300	459965	1.43%	0.169%
56	12.987	1695	1700	1708	rVB	747696	1182575	3.68%	0.434%
57	13.116	1718	1722	1725	rBV	192680	335736	1.04%	0.123%
58	13.216	1735	1739	1747	rVB3	462416	782178	2.43%	0.287%
59	13.322	1752	1757	1763	rVB3	253034	444963	1.38%	0.163%
60	13.534	1789	1793	1798	rVB2	279721	398737	1.24%	0.146%
61	13.687	1814	1819	1824	rVV	2739374	3502875	10.90%	1.286%
62	13.740	1824	1828	1838	rVB3	455331	1087559	3.38%	0.399%
63	13.828	1838	1843	1846	rBV5	128923	258689	0.80%	0.095%
64	13.957	1860	1865	1872	rVB	2824701	4277622	13.31%	1.571%
65	14.087	1882	1887	1892	rBV	238658	411345	1.28%	0.151%
66	14.198	1902	1906	1910	rVB2	349756	481880	1.50%	0.177%
67	14.269	1910	1918	1924	rBV2	2573604	4331001	13.48%	1.590%
68	14.334	1925	1929	1937	rVB	513424	764956	2.38%	0.281%
69	14.704	1988	1992	1998	rVB	329823	464257	1.44%	0.170%
70	15.028	2041	2047	2053	rBV	1708428	2461088	7.66%	0.904%
71	15.269	2082	2088	2093	rBV	3586401	5001669	15.56%	1.836%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : CB7P7

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Title : SVOA CALIBRATION

72	15.316	2093	2096	2101	rVB2	448021	582755	1.81%	0.214%
73	15.387	2105	2108	2112	rBV	234574	275867	0.86%	0.101%
74	15.516	2126	2130	2137	rBV5	202723	454831	1.42%	0.167%
75	15.792	2171	2177	2185	rVB	2393429	3226906	10.04%	1.185%
76	15.969	2200	2207	2215	rBV3	992895	2021045	6.29%	0.742%
77	16.157	2236	2239	2244	rVB5	195937	359122	1.12%	0.132%
78	16.298	2259	2263	2270	rVB	1226014	1666882	5.19%	0.612%
79	16.363	2271	2274	2277	rVV	197907	250843	0.78%	0.092%
80	16.581	2307	2311	2312	rBV	304887	335436	1.04%	0.123%
81	16.628	2312	2319	2327	rVV	6742370	11031421	34.32%	4.050%
82	16.698	2328	2331	2336	rVB2	312051	458043	1.43%	0.168%
83	17.022	2379	2386	2390	rBV	2862221	4497911	13.99%	1.652%
84	17.116	2397	2402	2413	rVB	3817748	5365792	16.70%	1.970%
85	17.216	2413	2419	2425	rBV	15289624	20578560	64.03%	7.556%
86	17.428	2451	2455	2458	rBV	358422	471903	1.47%	0.173%
87	17.463	2459	2461	2468	rVB	286478	365583	1.14%	0.134%
88	17.934	2537	2541	2546	rBV2	1060425	1294050	4.03%	0.475%
89	18.651	2660	2663	2667	rVB	484696	581464	1.81%	0.213%
90	18.710	2670	2673	2681	rVB4	293403	437069	1.36%	0.160%
91	19.151	2744	2748	2755	rVB2	562100	768643	2.39%	0.282%
92	19.281	2767	2770	2775	rBV2	259027	334386	1.04%	0.123%
93	19.333	2775	2779	2787	rVB	715163	969016	3.01%	0.356%
94	19.422	2789	2794	2800	rBV	4384520	5805244	18.06%	2.132%
95	19.481	2800	2804	2808	rVB	589905	772921	2.40%	0.284%
96	20.551	2983	2986	2990	rBV	424361	590176	1.84%	0.217%
97	20.951	3046	3054	3067	rVB	17715366	32139952	100.00%	11.801%
98	21.222	3096	3100	3108	rVB	3622539	4453025	13.86%	1.635%
99	23.280	3445	3450	3463	rVB	3241473	6039717	18.79%	2.218%
100	23.421	3468	3474	3481	rVB	2417494	4314916	13.43%	1.584%

Sum of corrected areas: 272352429

LSC Report - Integrated Chromatogram

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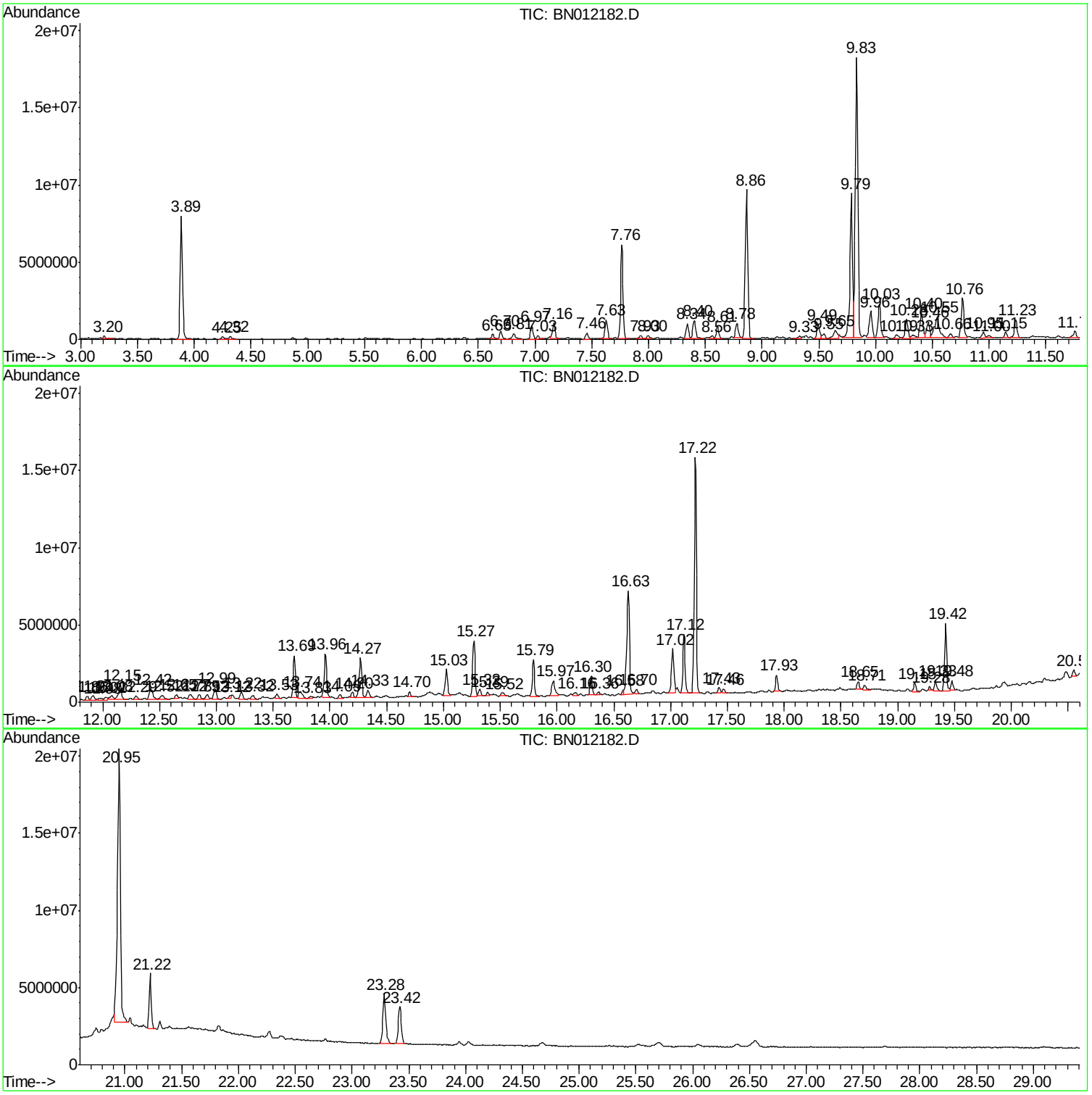
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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



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

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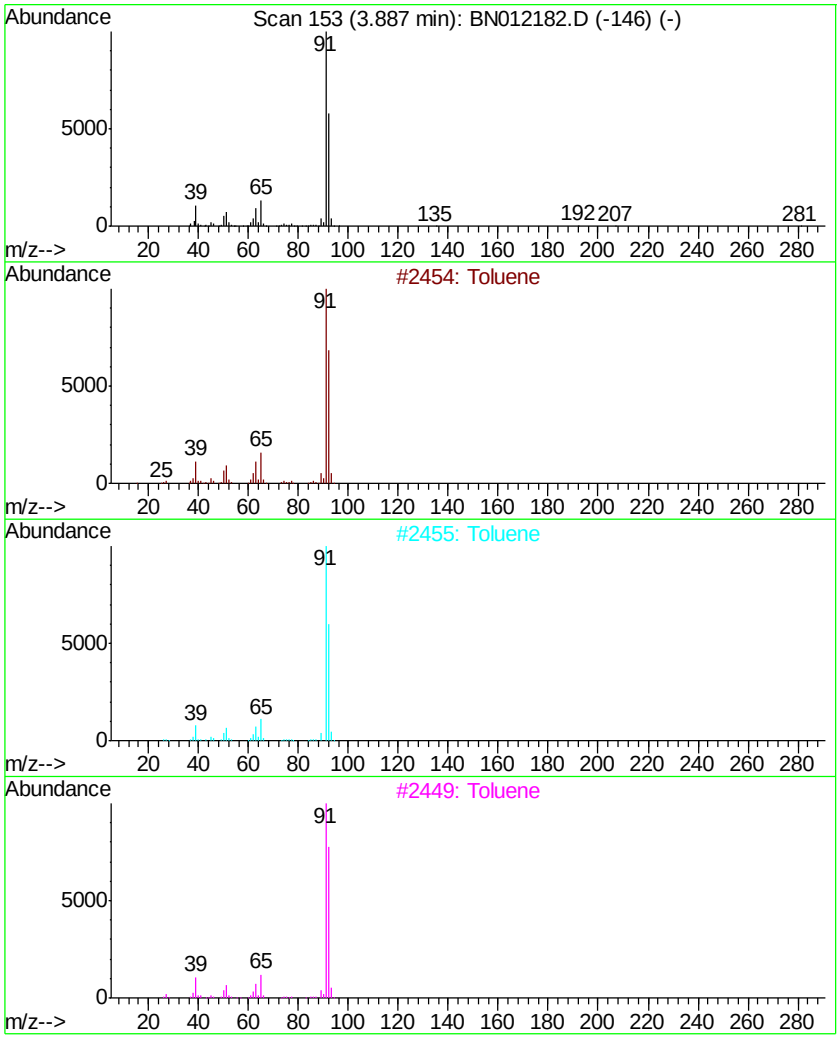
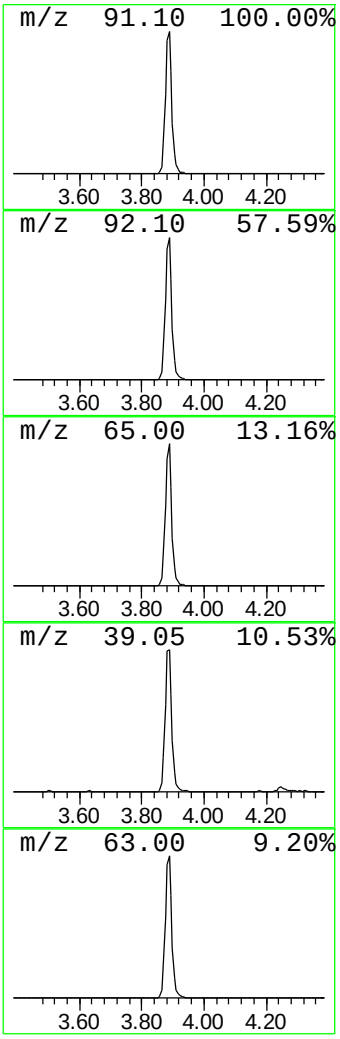
Peak Number 1 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	113.42 ng/ul	11554300	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	95
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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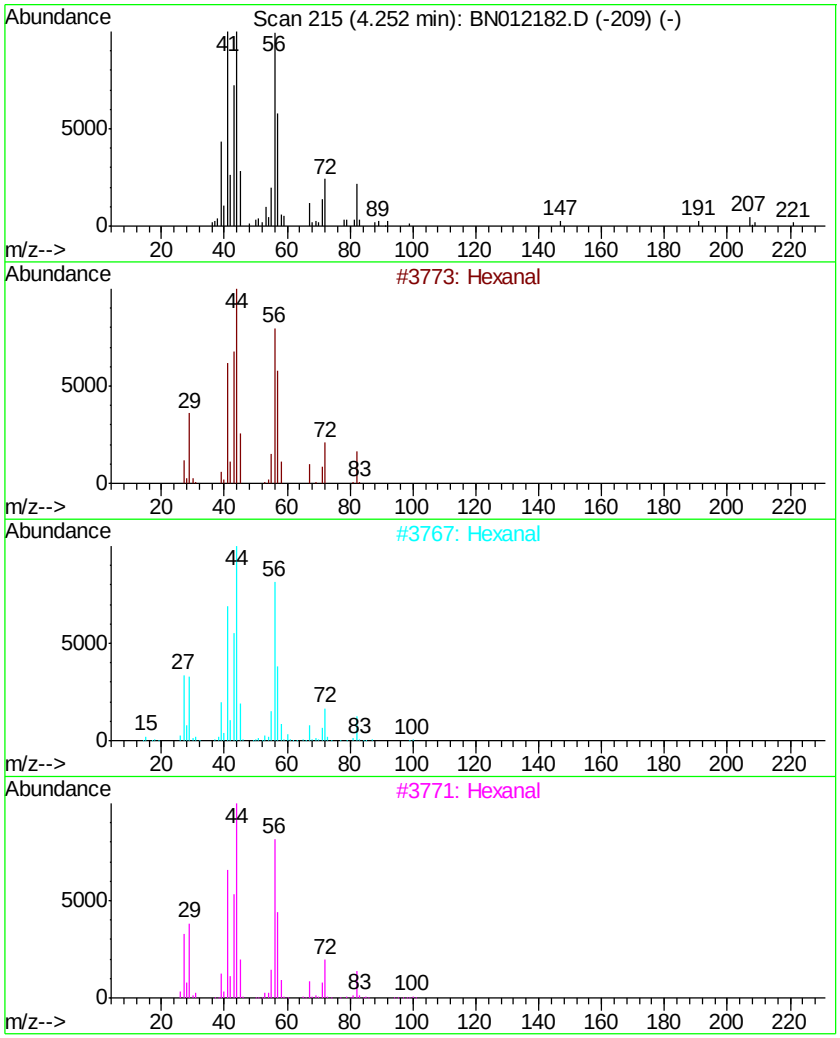
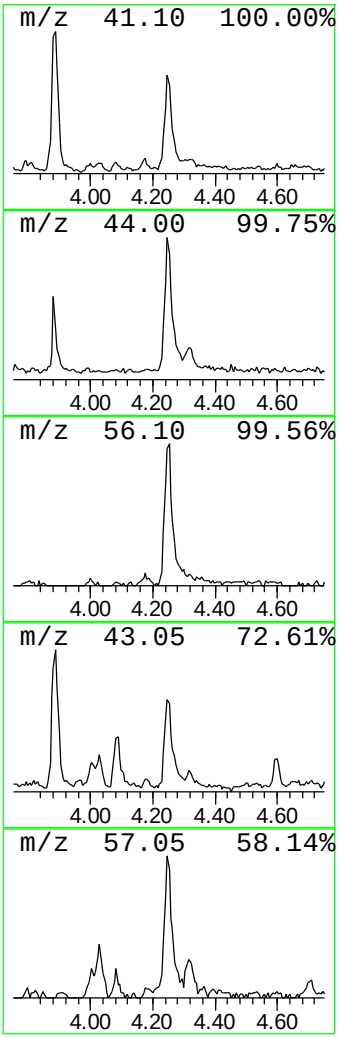
Peak Number 2 Hexanal Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	2.50 ng/ul	254304	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	59
5	Butanal	72	C4H8O	000123-72-8	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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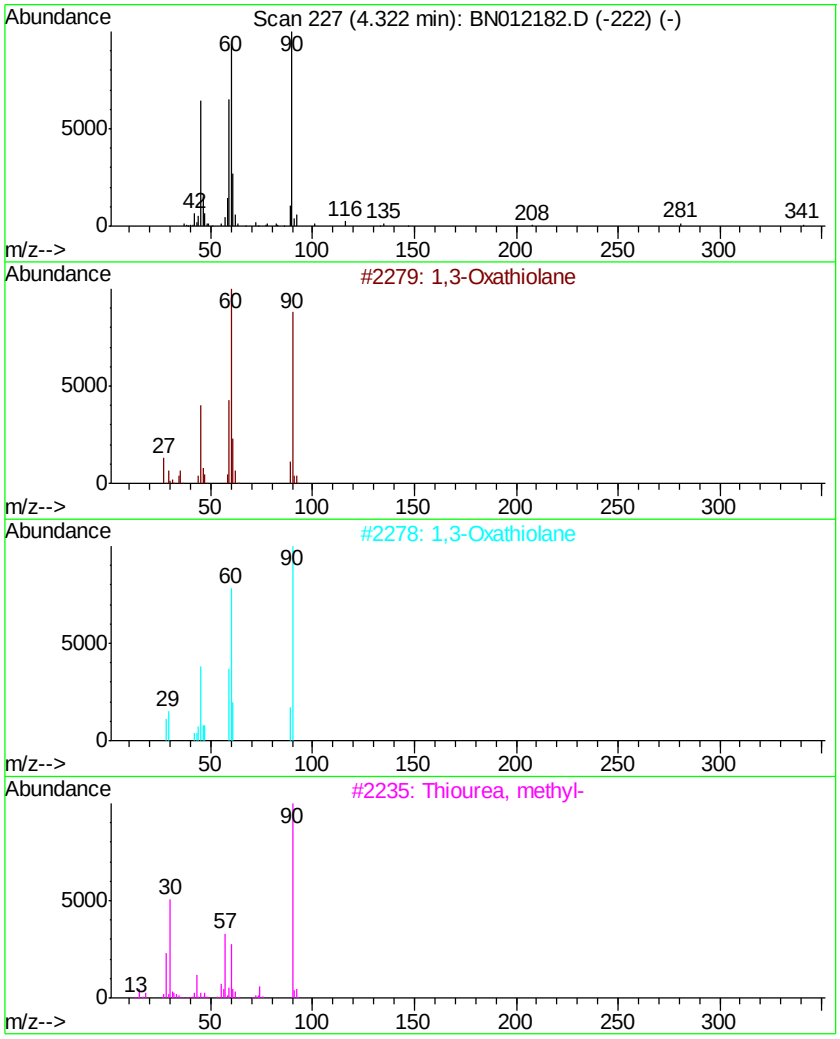
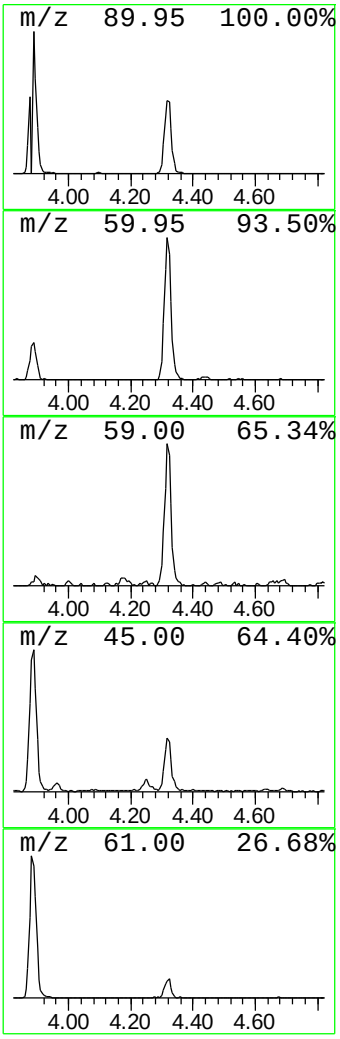
Peak Number 3 1,3-Oxathiolane Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	2.83 ng/ul	288302	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45
5	3-Thietanol	90	C3H6OS	010304-16-2	40





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Quant Title : SVOA CALIBRATION

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

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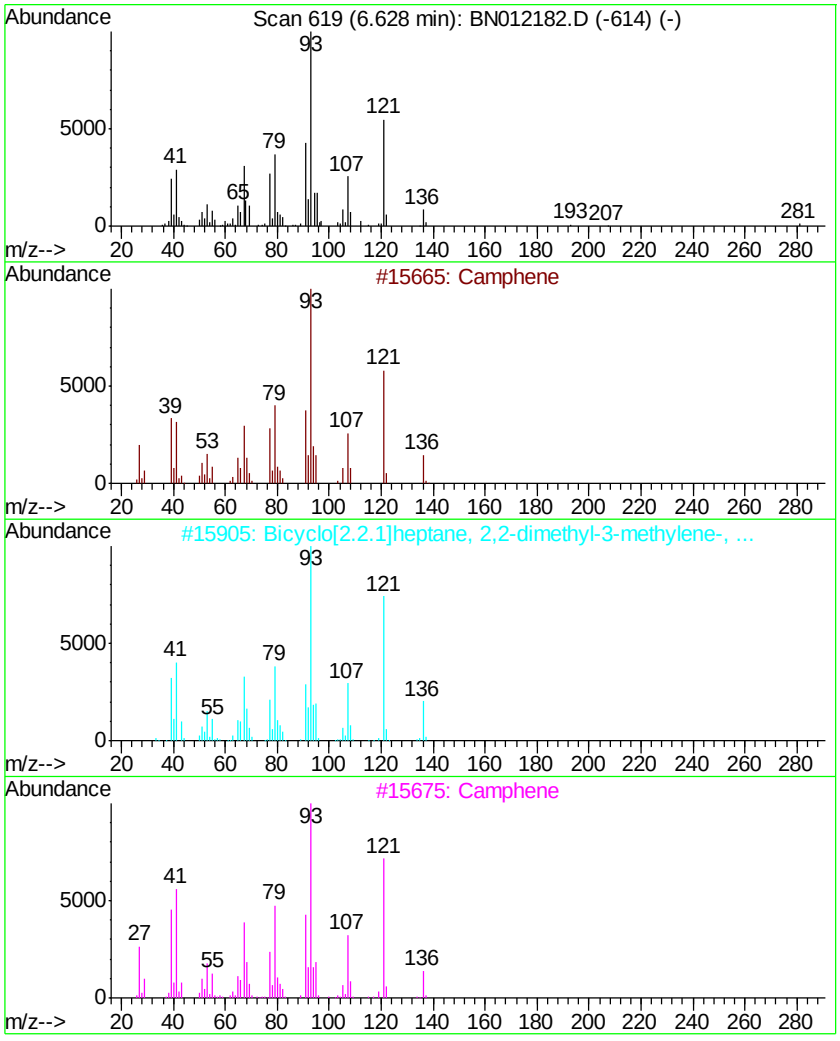
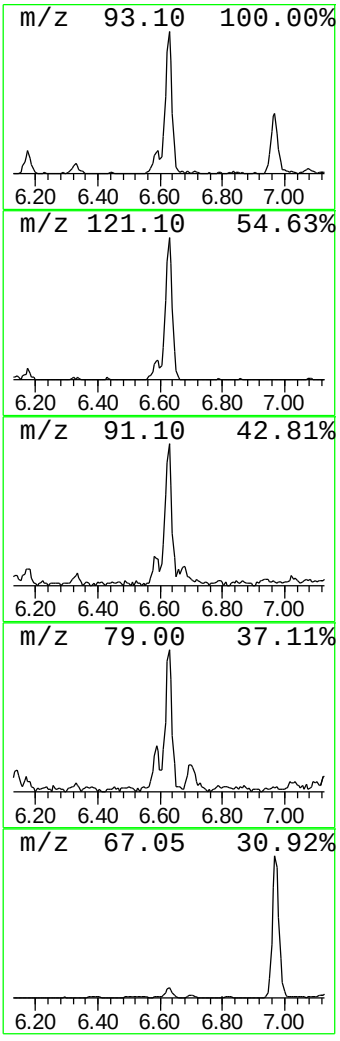
Peak Number 4 Camphene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	5.12 ng/ul	521672	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	93
3	Camphene	136	C10H16	000079-92-5	93
4	(+)-4-Carene	136	C10H16	029050-33-7	74
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	74





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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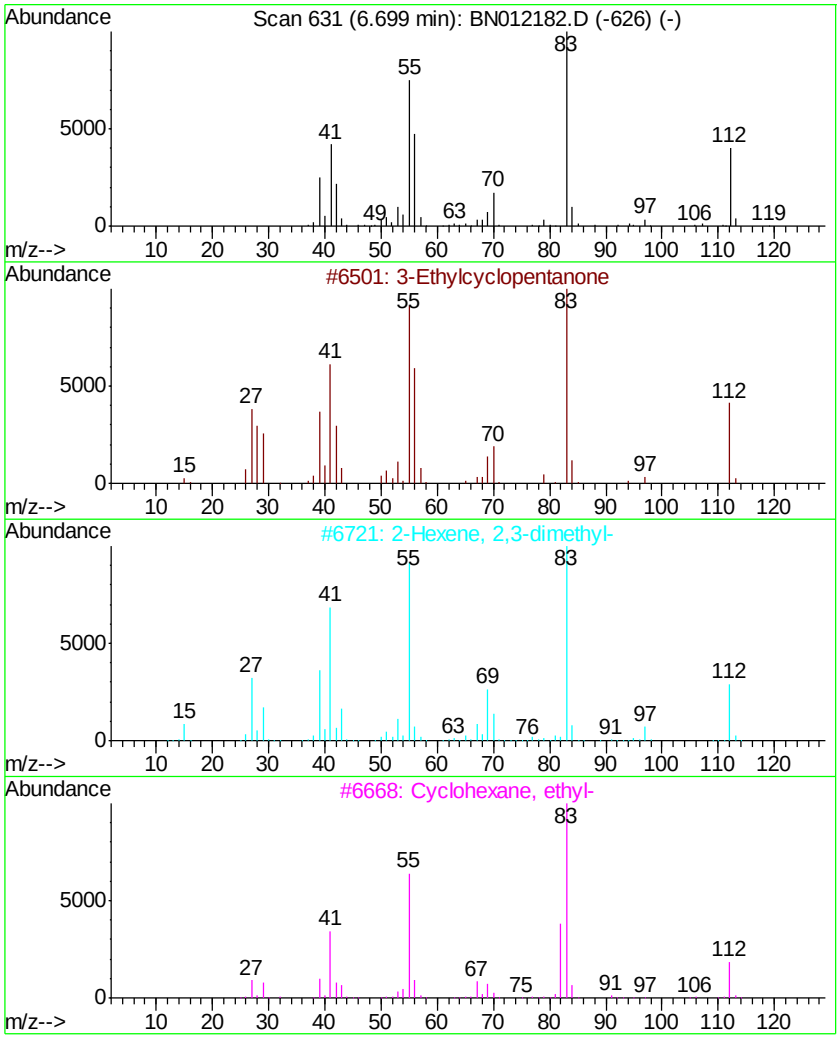
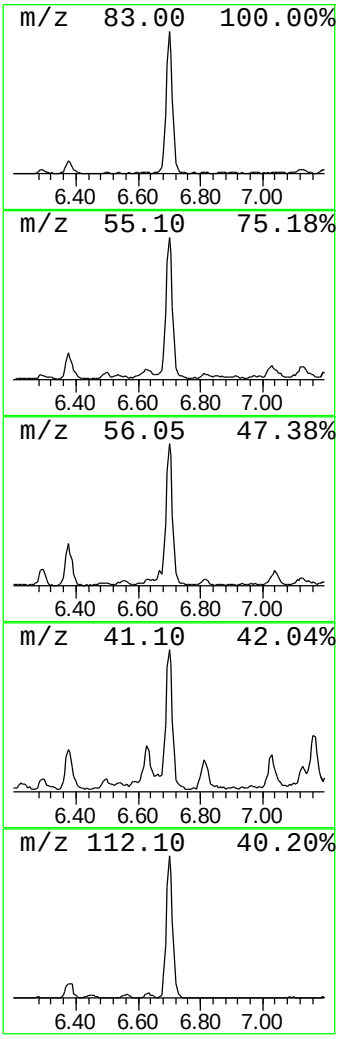
Peak Number 5 3-Ethylcyclopentanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	8.14 ng/ul	829573	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	87
2	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	59
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53
5	2-Pyrazoline, 4-ethyl-1-methyl-	112	C6H12N2	022581-42-6	53





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Operator : CG/JU
Sample : L4359-13
Misc :
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Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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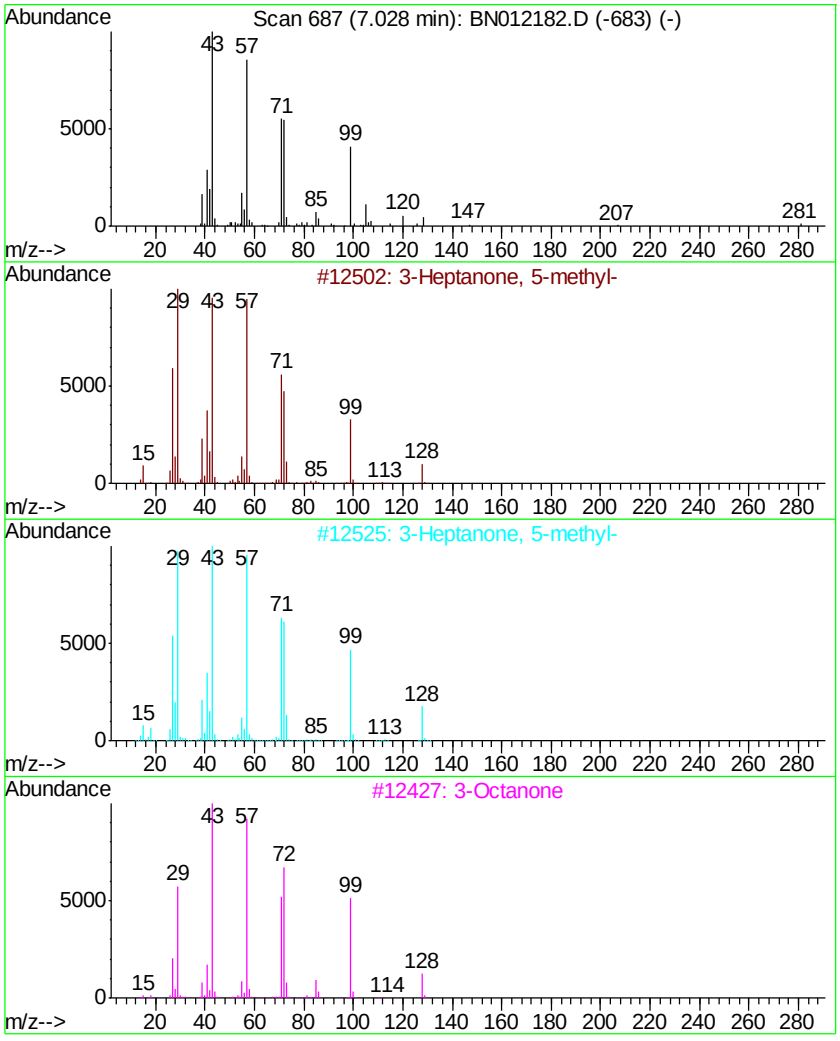
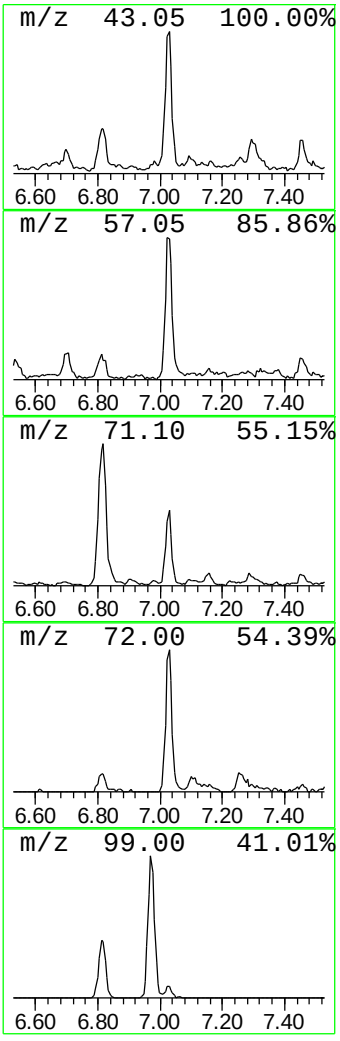
Peak Number 6 3-Heptanone, 5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	3.57 ng/ul	363468	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
3	3-Octanone	128	C8H16O	000106-68-3	64
4	3-Octanone	128	C8H16O	000106-68-3	56
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	45





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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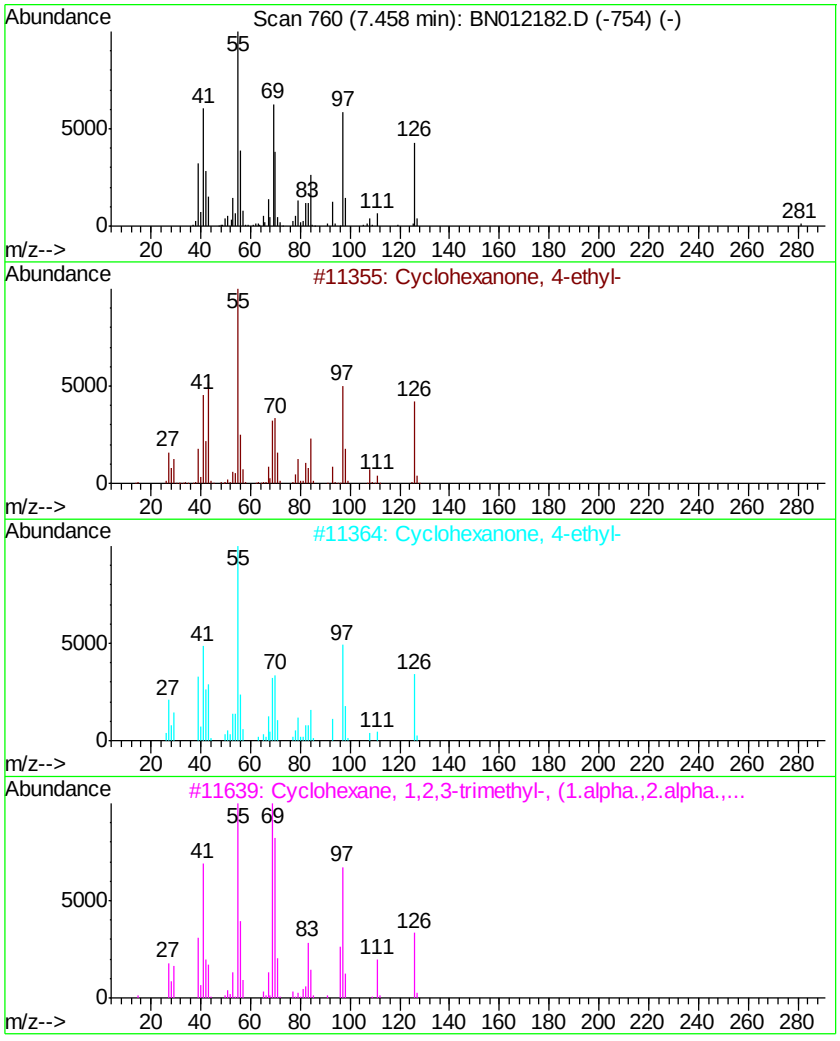
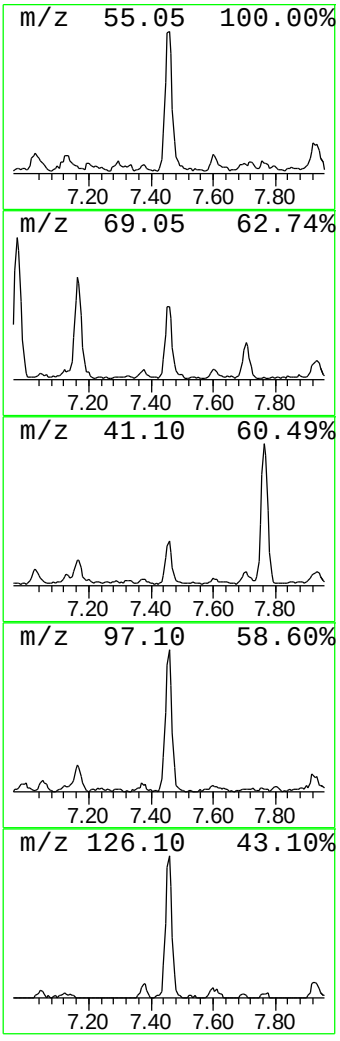
Peak Number 7 Cyclohexanone, 4-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	6.03 ng/ul	614413	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	87
2	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	74
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	72
4	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	72
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	72





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Quant Title : SVOA CALIBRATION

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

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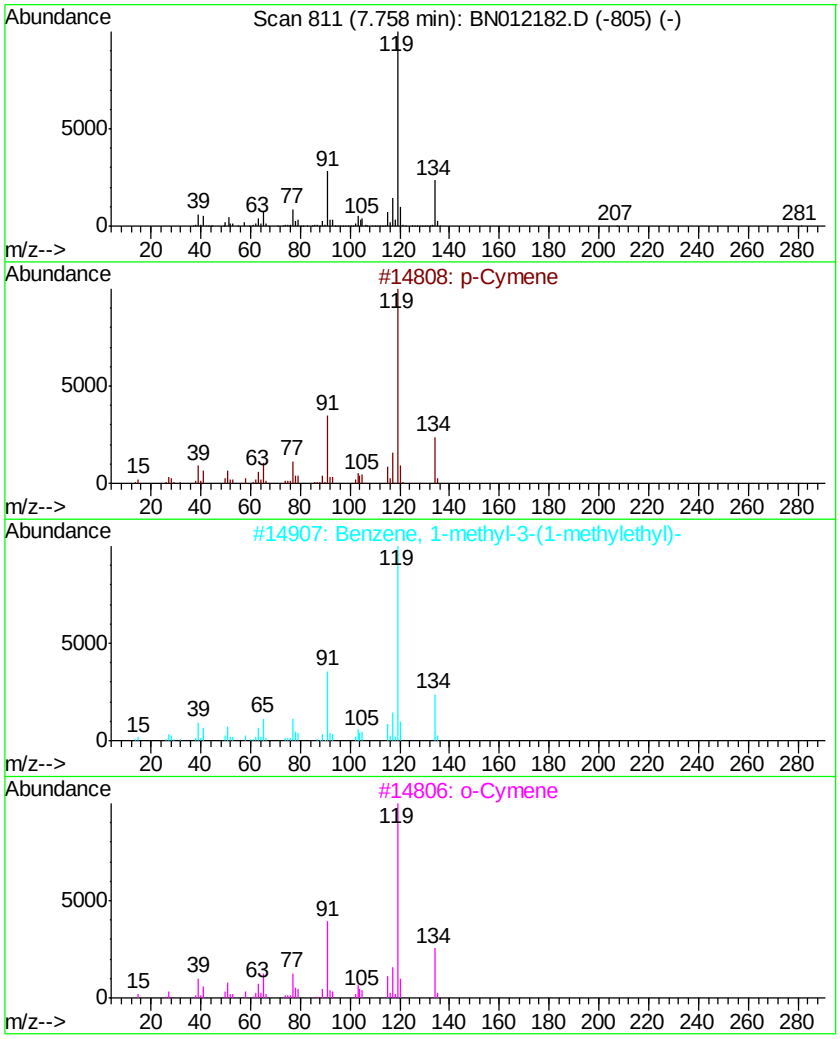
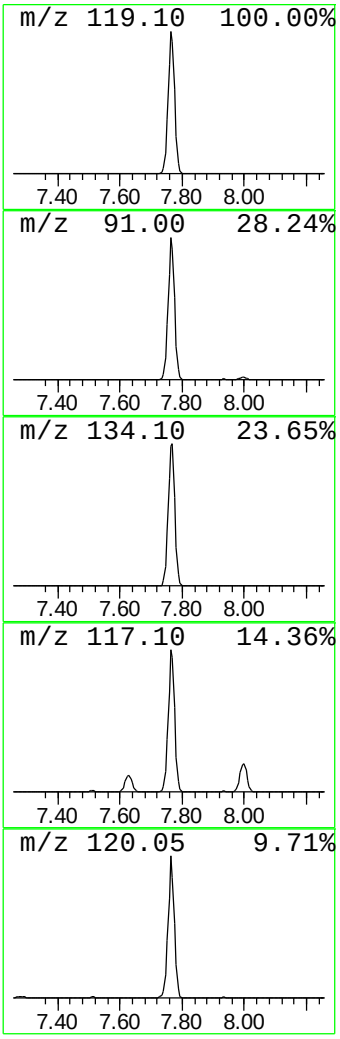
Peak Number 8 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	88.94 ng/ul	9060590	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Quant Title : SVOA CALIBRATION

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

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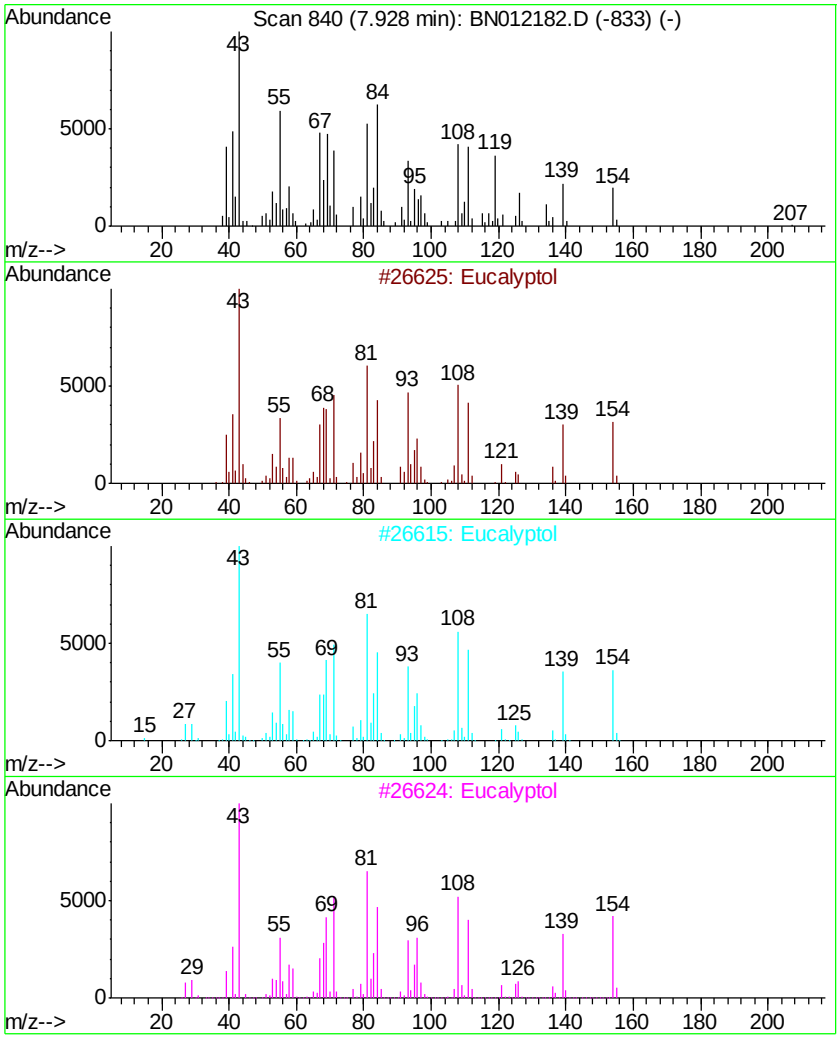
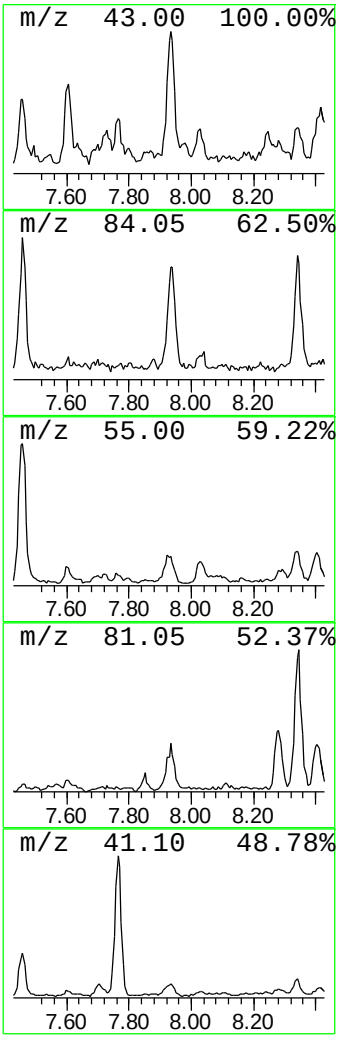
Peak Number 9 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	3.63 ng/ul	369959	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	47
2	Eucalyptol	154	C10H18O	000470-82-6	43
3	Eucalyptol	154	C10H18O	000470-82-6	43
4	Eucalyptol	154	C10H18O	000470-82-6	35
5	2-Cyclohexen-1-ol, 2-methyl-5-(1...	154	C10H18O	000536-30-1	22





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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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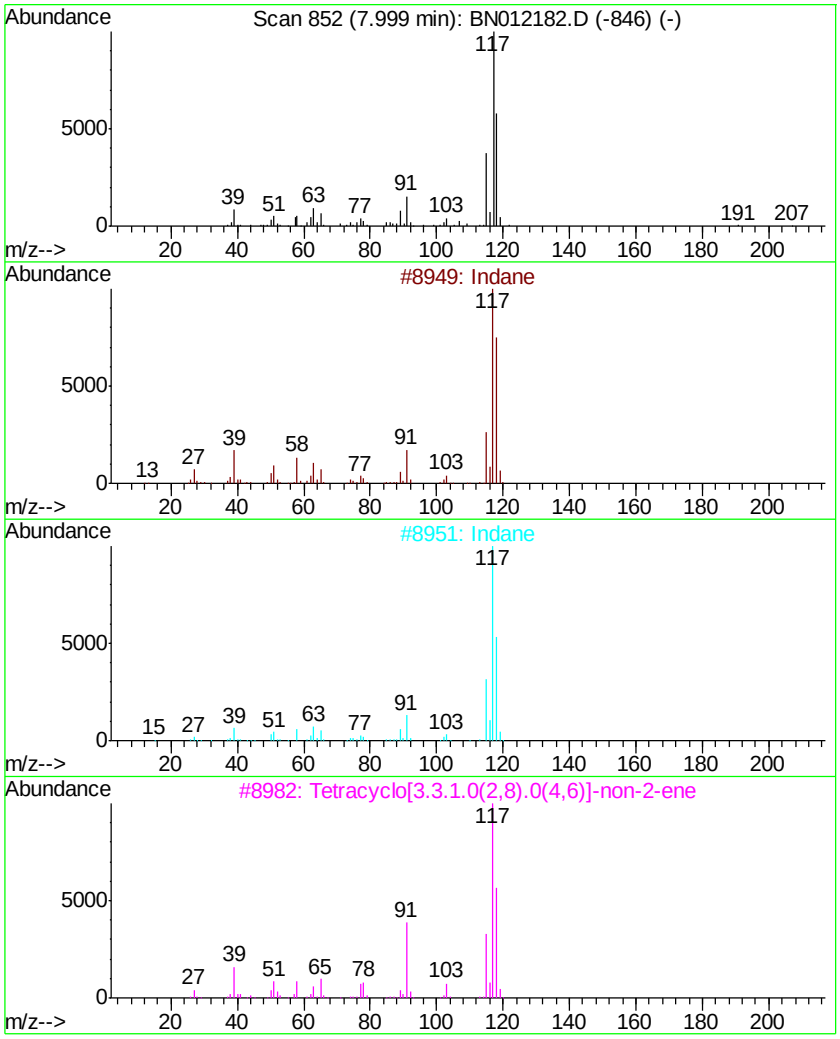
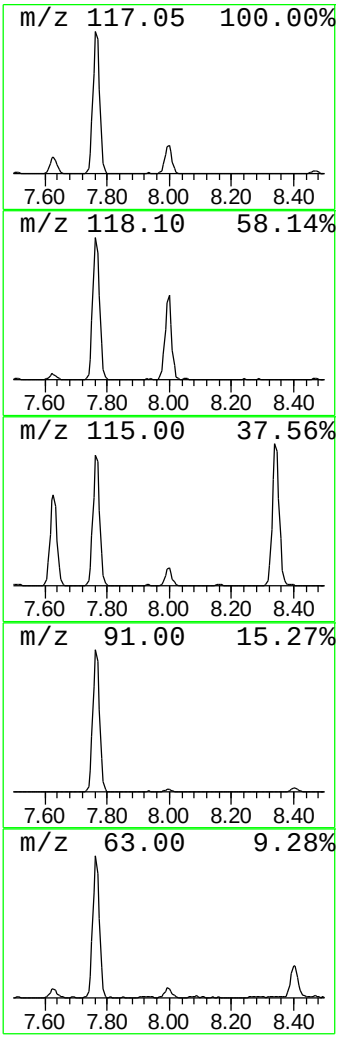
Peak Number 10 Indane Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.28 ng/ul	333737	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	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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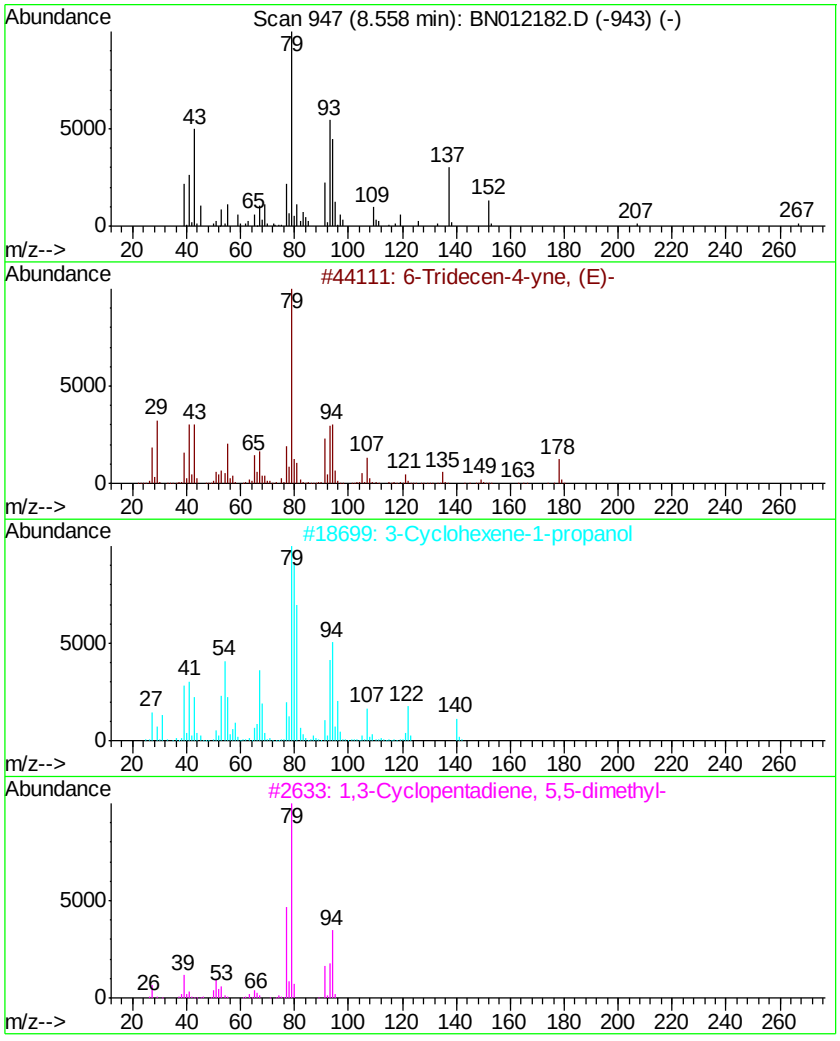
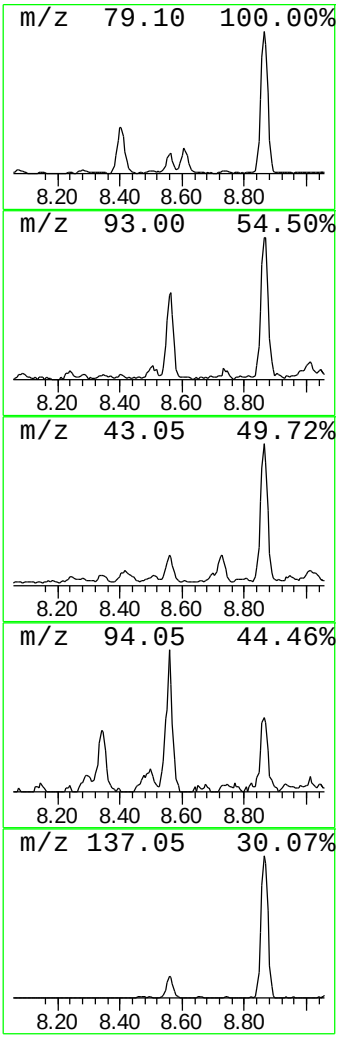
Peak Number 11 6-Tridecen-4-yne, (E)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.90 ng/ul	295657	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecen-4-yne, (E)-	178	C13H22	074744-46-0	64
2	3-Cyclohexene-1-propanol	140	C9H16O	016626-54-3	50
3	1,3-Cyclopentadiene, 5,5-dimethyl-	94	C7H10	004125-18-2	47
4	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	42
5	1,2,3,6-Tetrahydrobenzylalcohol,...	208	C9H11F3O2	1000365-07-8	40





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Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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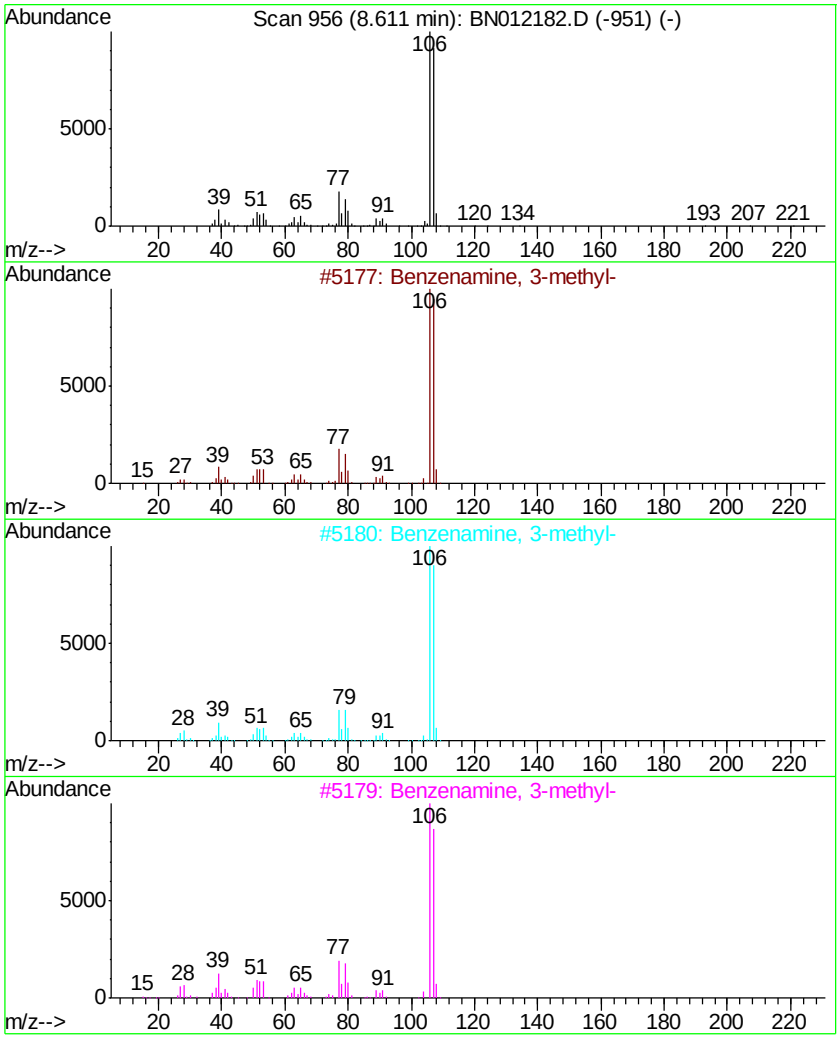
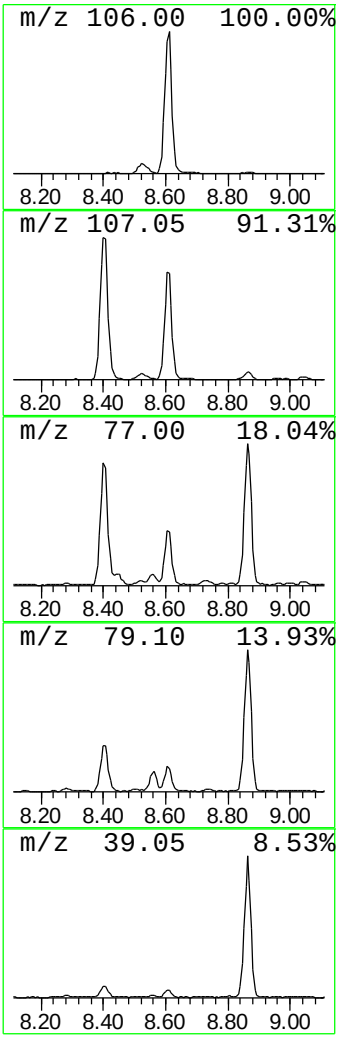
Peak Number 12 Benzenamine, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	12.54 ng/ul	1277210	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





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Quant Title : SVOA CALIBRATION

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

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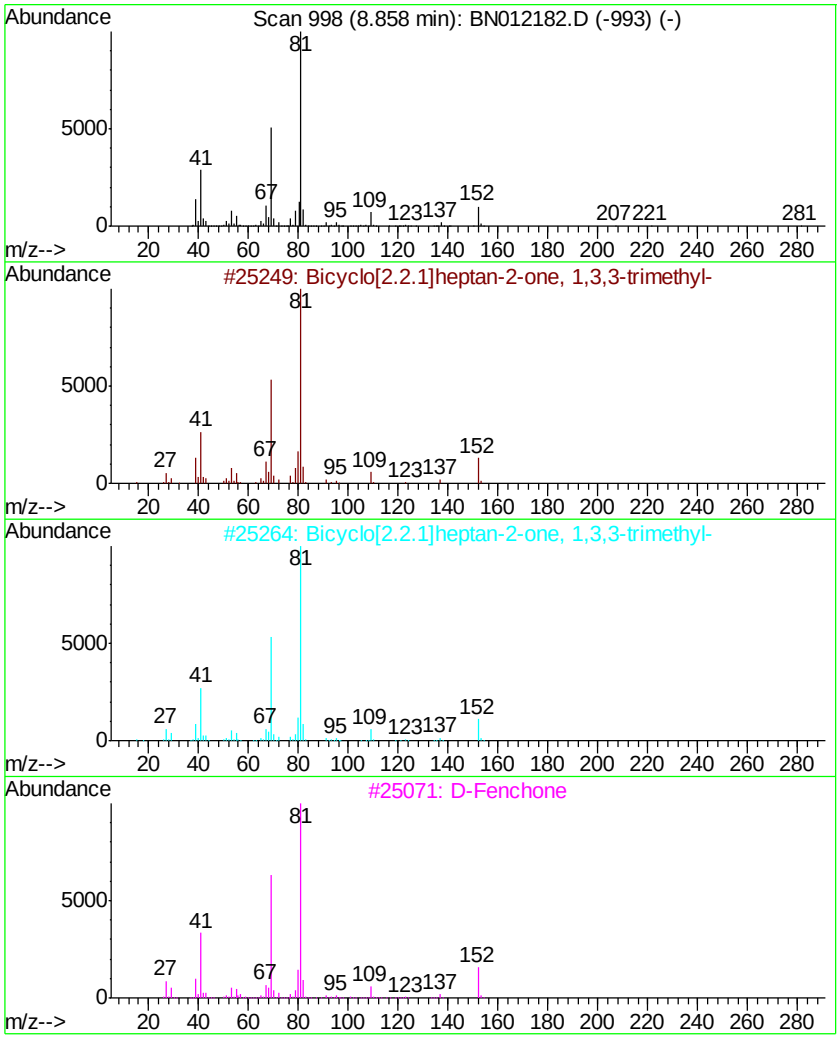
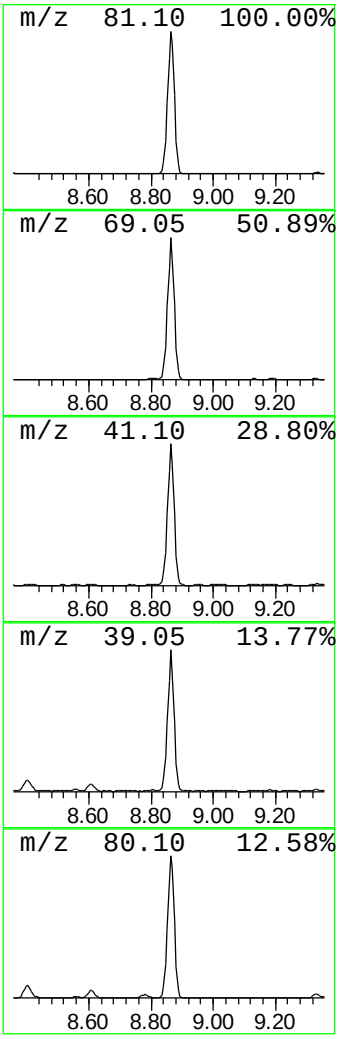
Peak Number 13 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	145.24 ng/ul	14796200	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
3	D-Fenchone	152	C10H16O	004695-62-9	94
4	L-Fenchone	152	C10H16O	007787-20-4	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





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Quant Title : SVOA CALIBRATION

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

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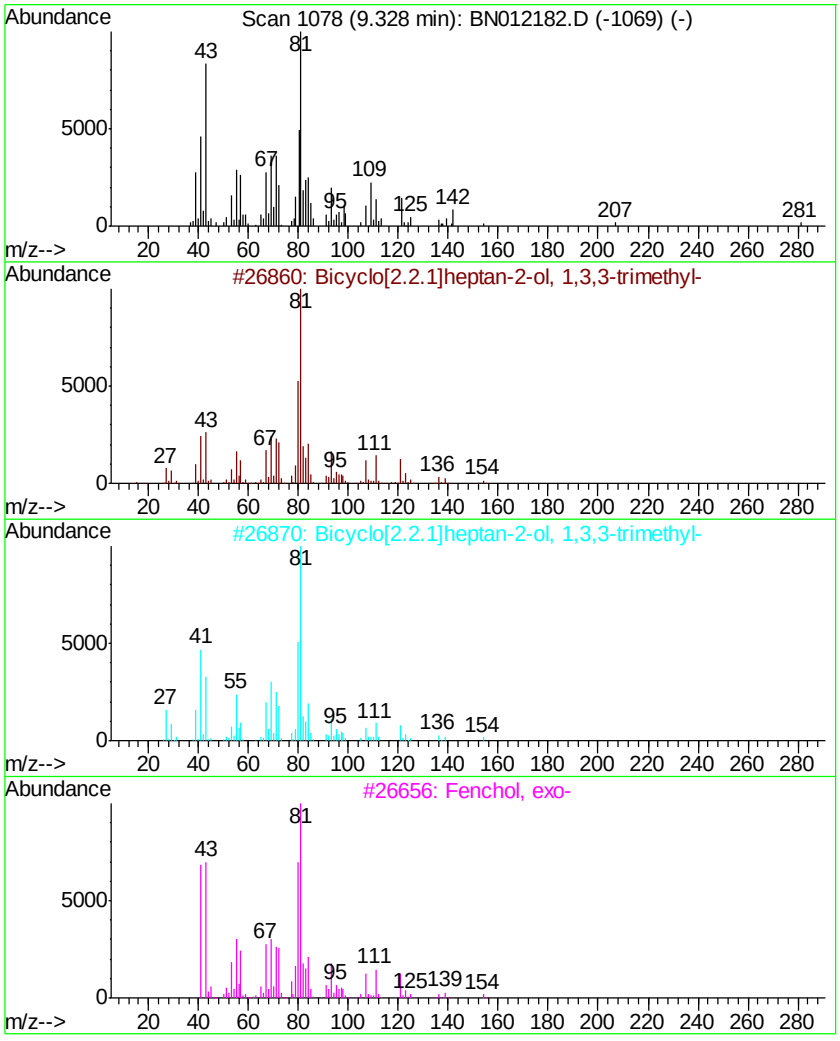
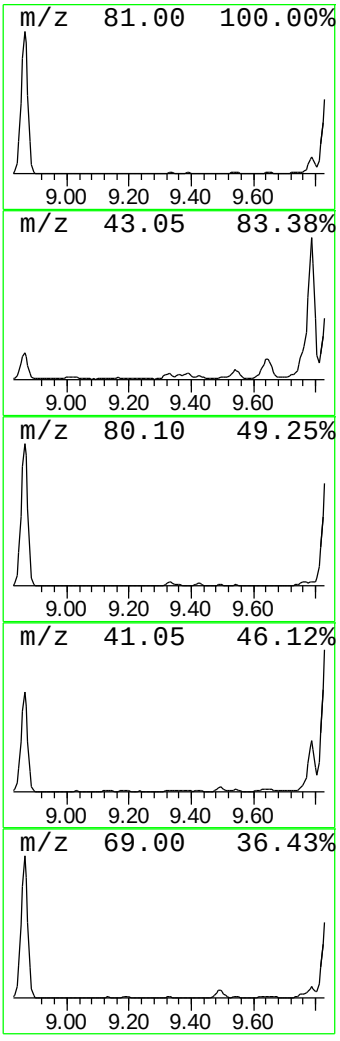
Peak Number 14 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.38 ng/ul	342121	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	91
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	87
3	Fenchol, exo-	154	C10H18O	022627-95-8	76
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	64
5	Fenchyl acetate	196	C12H20O2	013851-11-1	59





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Quant Title : SVOA CALIBRATION

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

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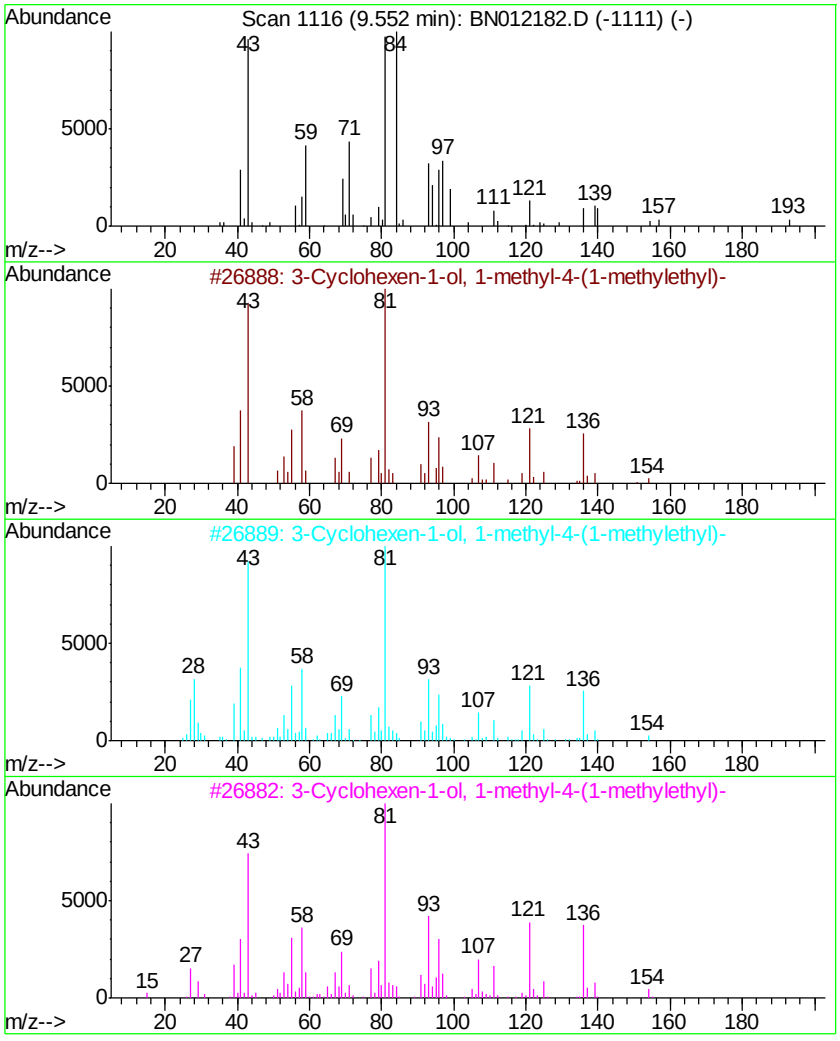
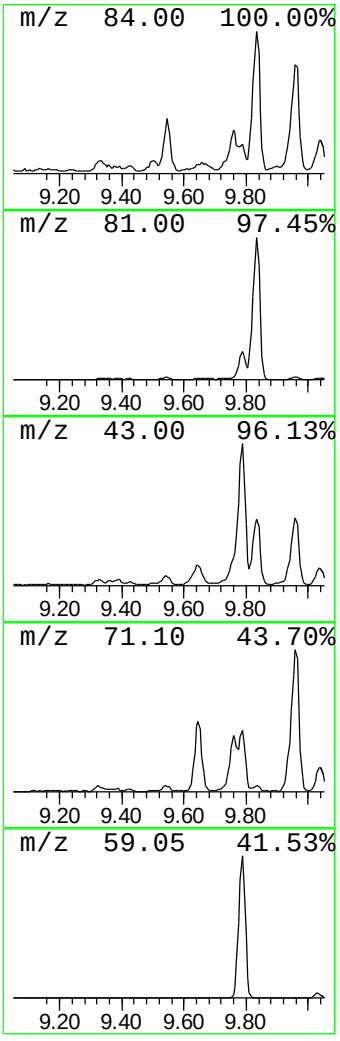
Peak Number 15 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.41 ng/ul	491057	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	46
2	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	38
3	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	38
4	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	32
5	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	32





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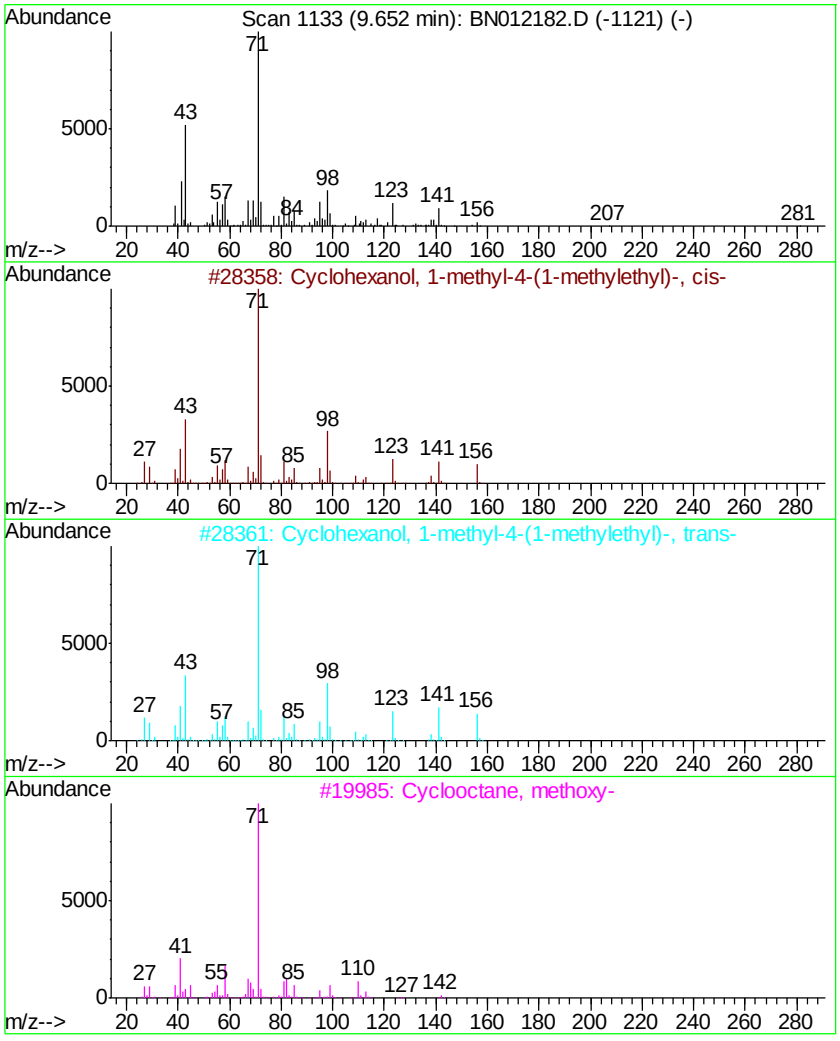
Quant Title : SVOA CALIBRATION

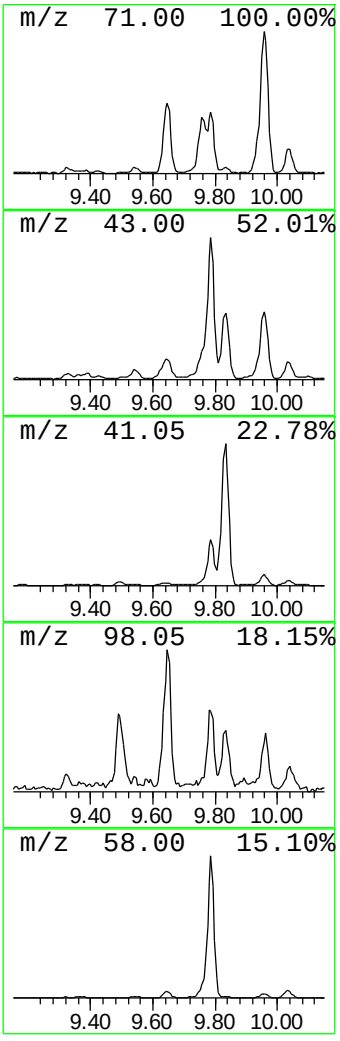
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	8.92 ng/ul	1284140	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	78
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	53
3	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	52
4	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	52
5	4-Hexen-3-ol	100	C6H12O	004798-58-7	50





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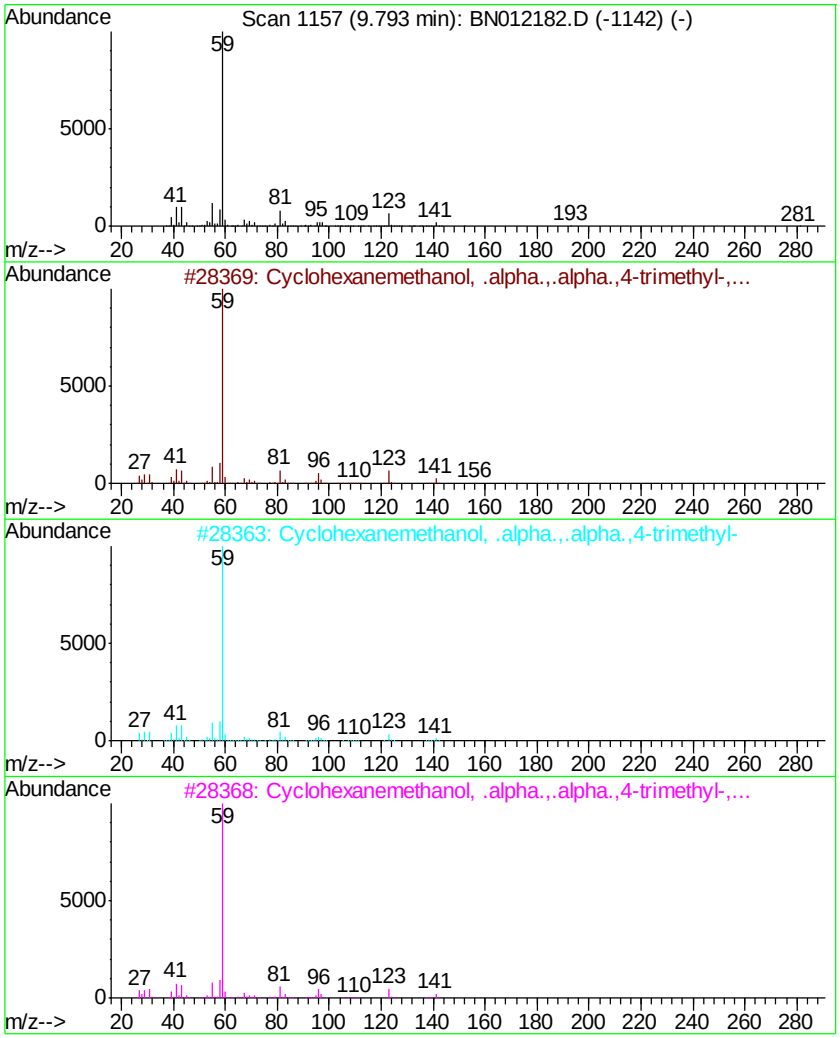
Quant Title : SVOA CALIBRATION

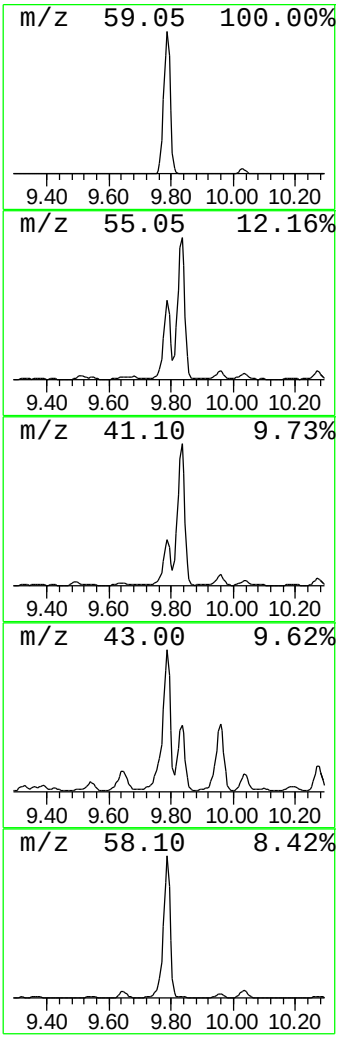
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclohexanemethanol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	106.01 ng/ul	15264700	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	83
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	64
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	47





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Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

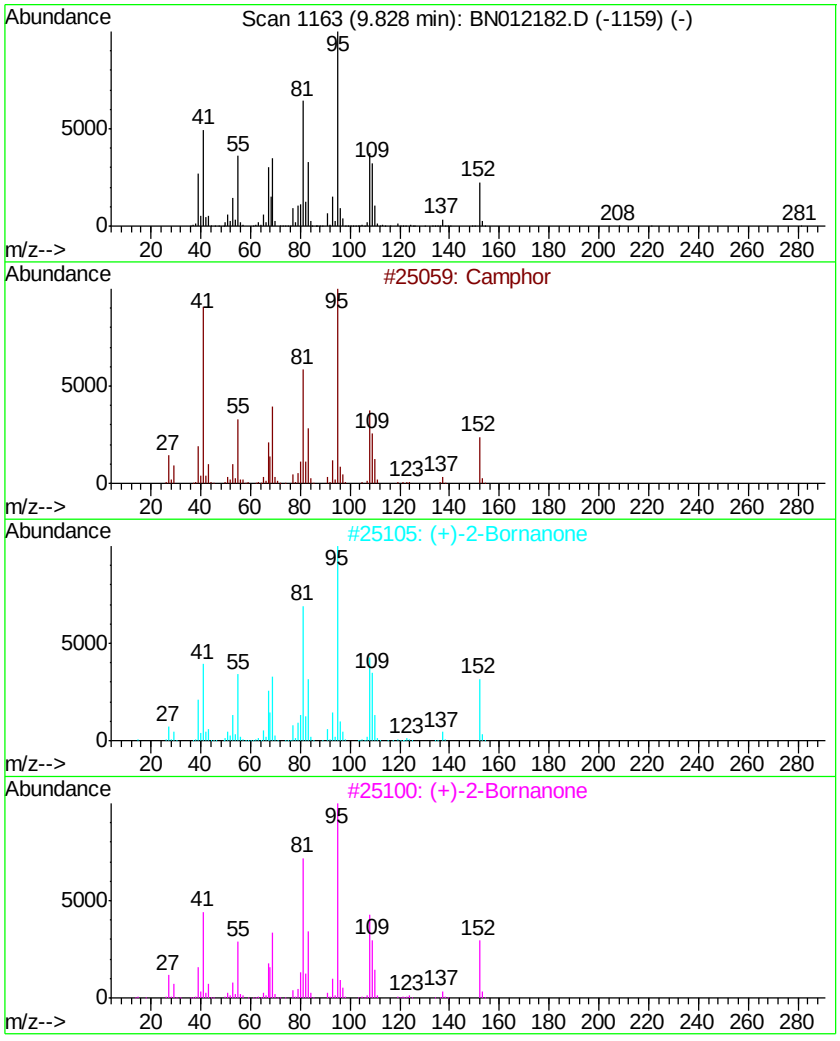
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

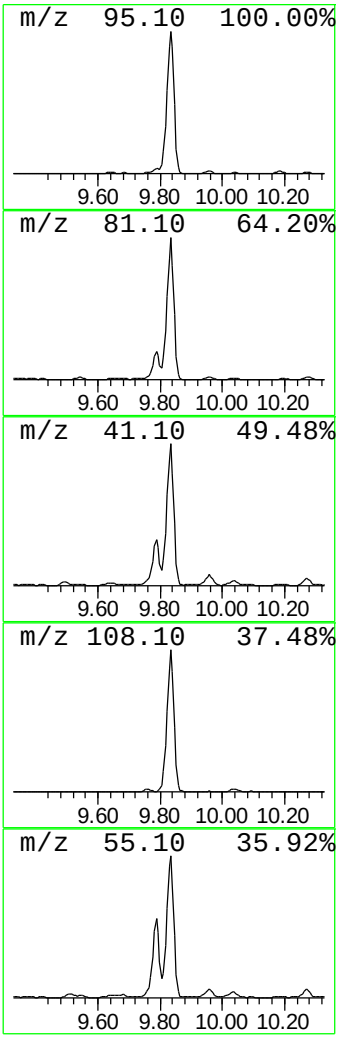
****

Peak Number 18 Camphor Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	202.02 ng/ul	29089300	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	Camphor	152	C10H16O	000076-22-2	95
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	95





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ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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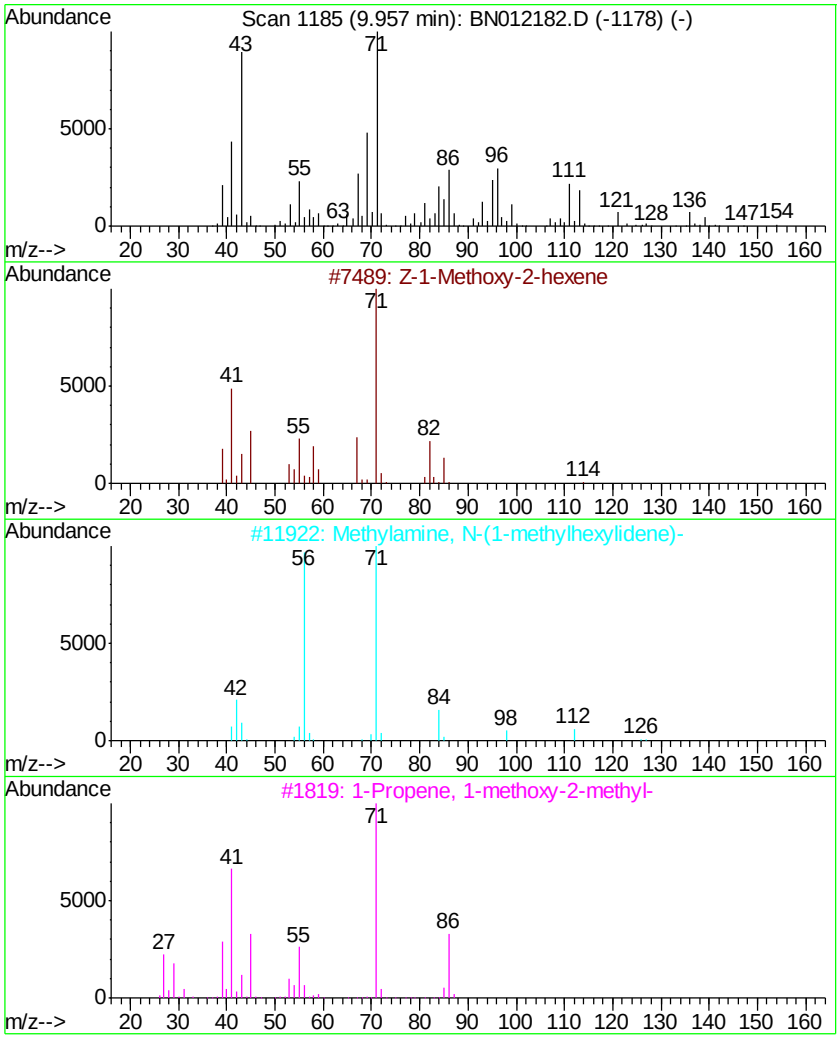
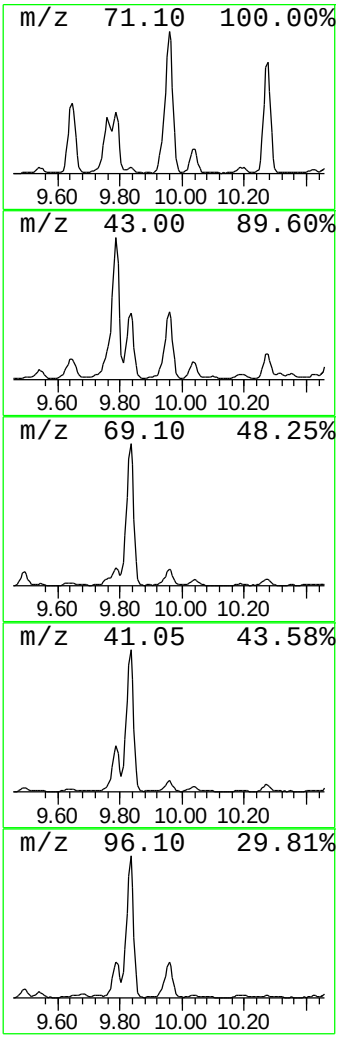
Peak Number 19 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	21.50 ng/ul	3095440	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	46
2	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	35
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	35
4	Propanamide, N-tetrahydrofurfury...	191	C8H14ClNO2	1000307-48-2	35
5	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	35





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Quant Title : SVOA CALIBRATION

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

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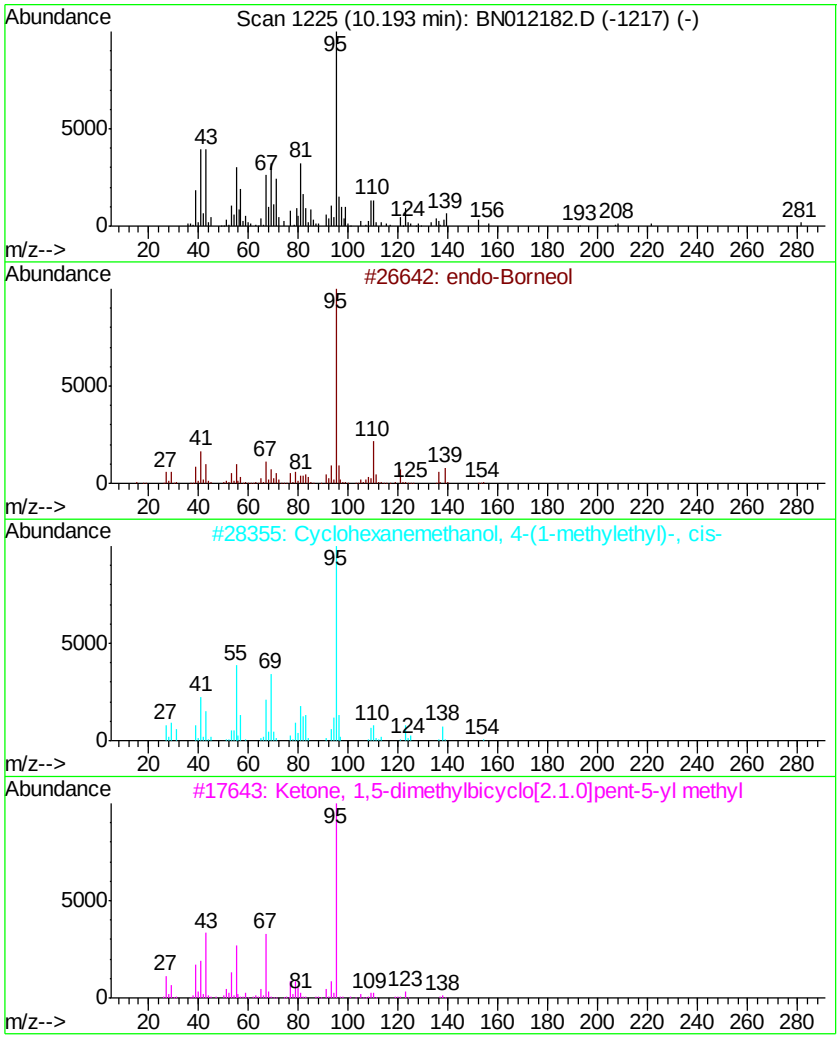
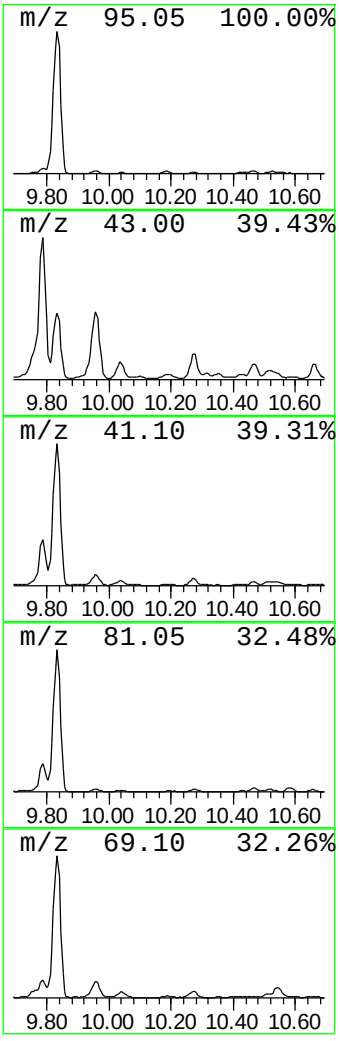
Peak Number 20 endo-Borneol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.30 ng/ul	475411	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	78
2	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013828-37-0	72
3	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	64
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	64





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Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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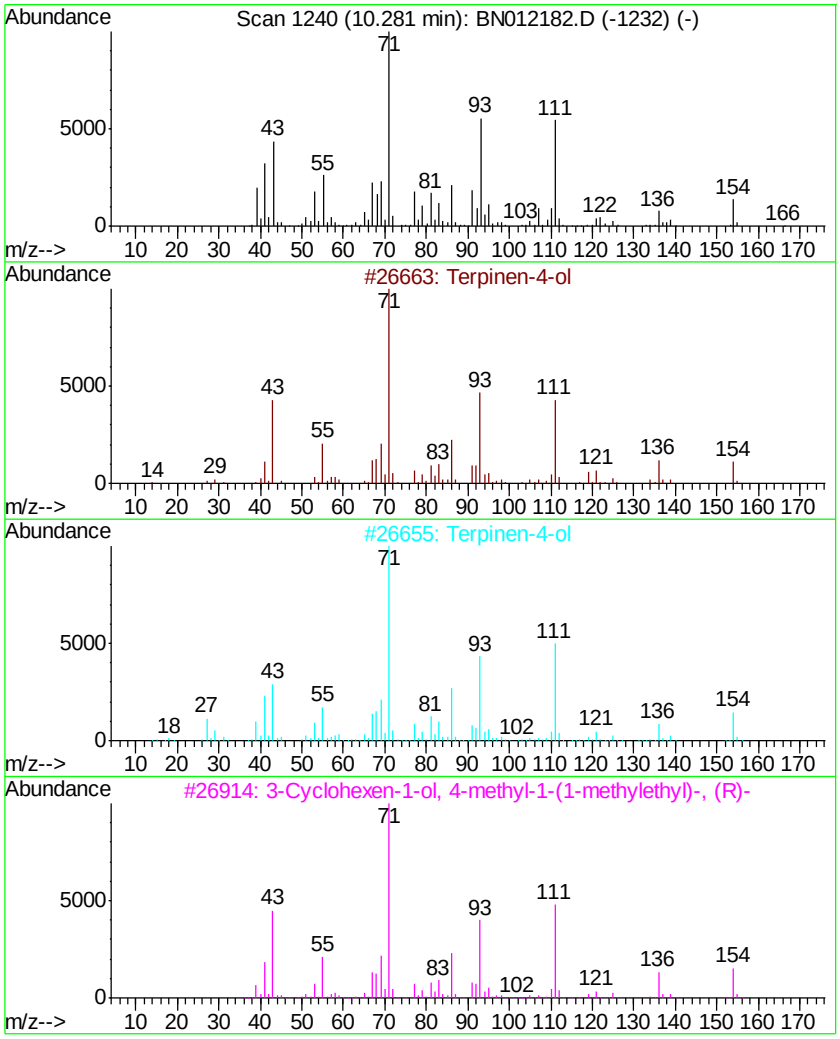
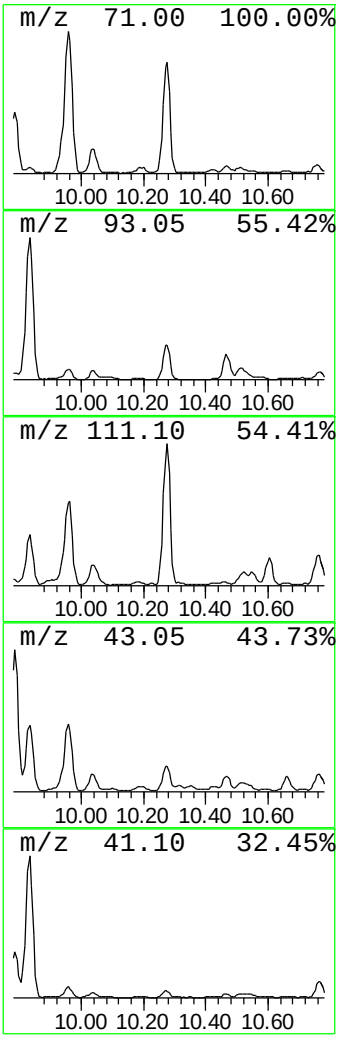
Peak Number 21 Terpinen-4-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	14.50 ng/ul	2088240	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	91
2	Terpinen-4-ol	154	C10H18O	000562-74-3	90
3	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	90
4	Terpinen-4-ol	154	C10H18O	000562-74-3	90
5	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	81





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Sample : L4359-13
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Quant Title : SVOA CALIBRATION

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

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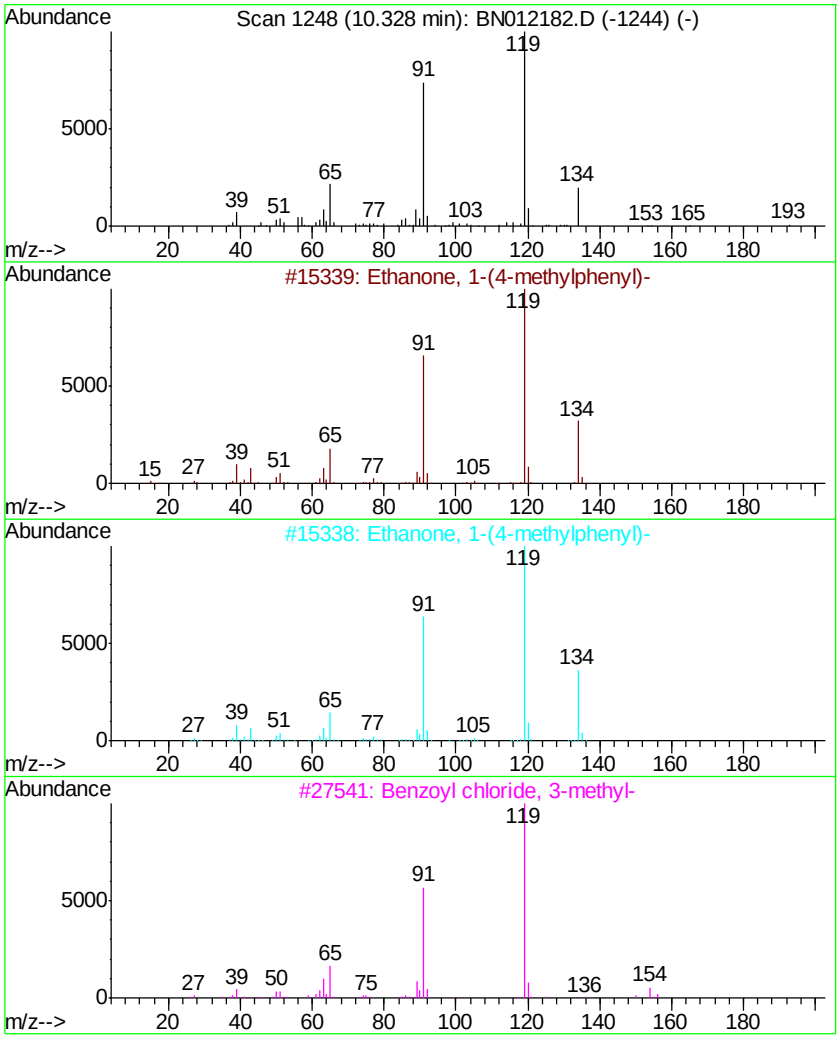
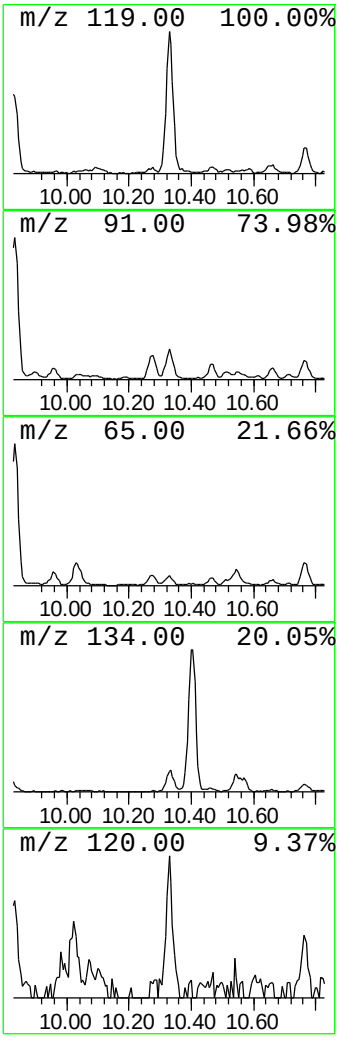
Peak Number 22 Ethanone, 1-(4-methylphenyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.28 ng/ul	471779	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	90
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	87
3	Benzoyl chloride, 3-methyl-	154	C8H7ClO	001711-06-4	83
4	2-Toluic hydrazide	150	C8H10N2O	007658-80-2	72
5	4-Methylbenzoic acid, pentafluor...	302	C14H7F5O2	1000354-15-1	72





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Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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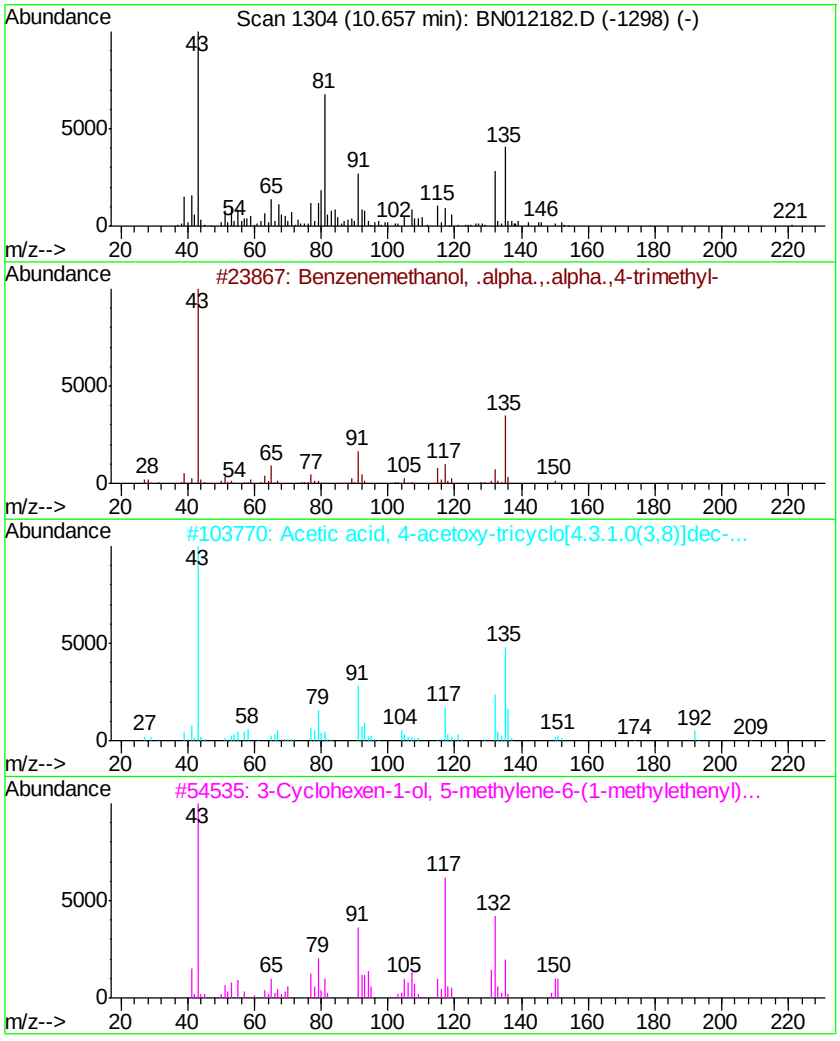
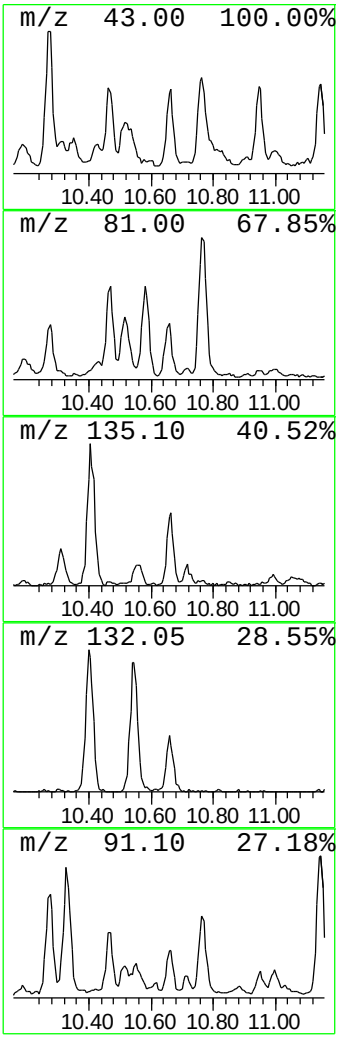
Peak Number 23 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.34 ng/ul	481033	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	43
2	Acetic acid, 4-acetoxy-tricyclo[...	252	C14H20O4	1000194-74-6	12
3	3-Cyclohexen-1-ol, 5-methylene-6...	192	C12H16O2	054832-23-4	10
4	Bicyclo[2.2.1]heptane-2-acetic a...	226	C12H18O4	034314-04-0	10
5	1-Phenylthio-1-acetoxy-1-methyl-...	238	C12H14O3S	029943-31-5	9





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Sample : L4359-13
Misc :
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Instrument : BNA_N
ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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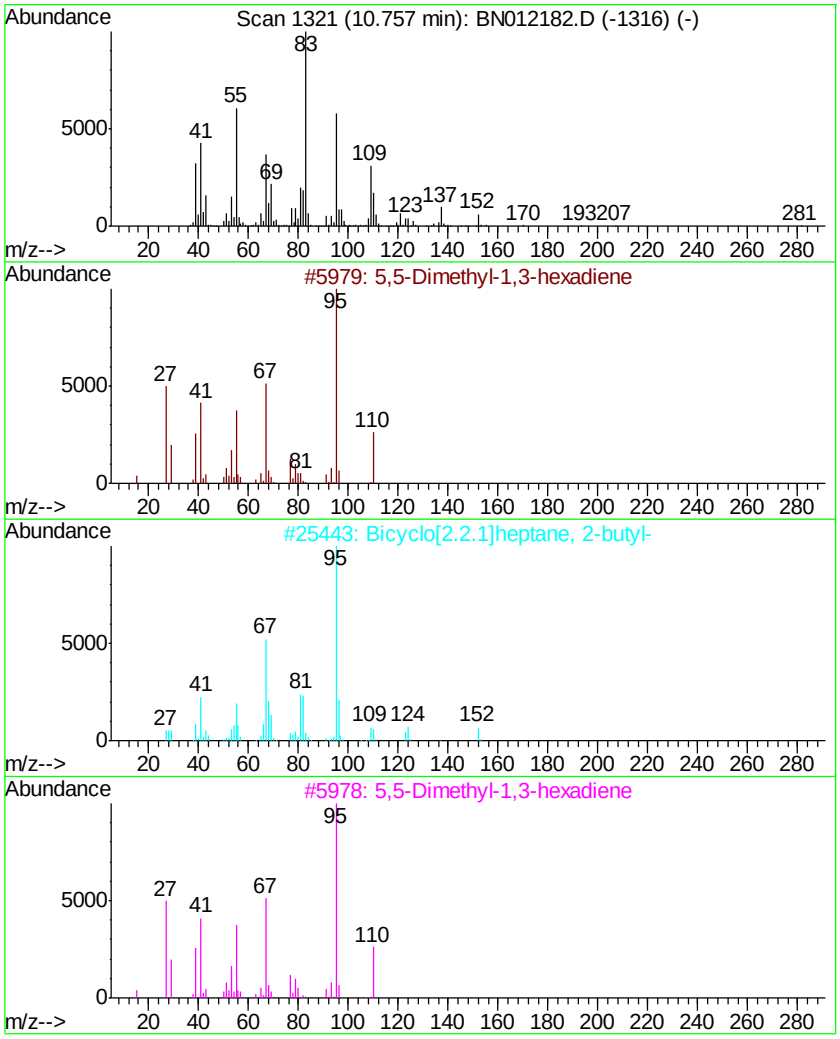
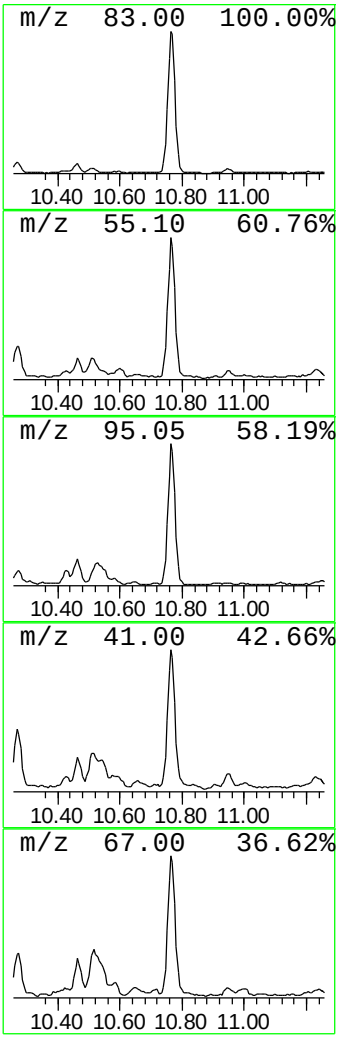
Peak Number 24 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	29.23 ng/ul	4208920	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
2	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	38
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30





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ClientSampleId : CB7P7

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Quant Title : SVOA CALIBRATION

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

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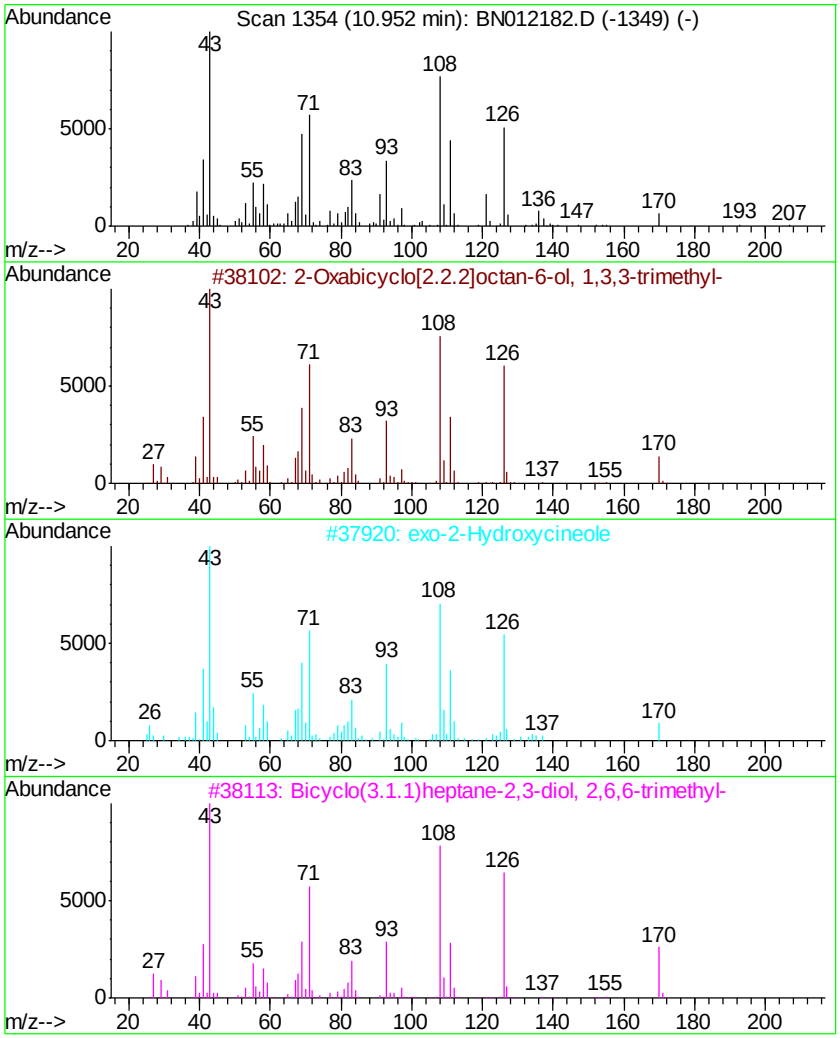
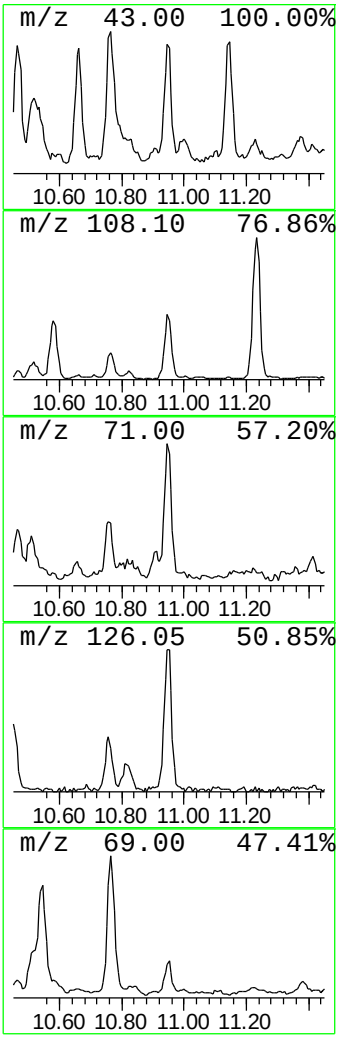
Peak Number 25 2-Oxabicyclo[2.2.2]octan-6-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	4.33 ng/ul	623905	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxabicyclo[2.2.2]octan-6-ol, 1...	170	C10H18O2	018679-48-6	94
2	exo-2-Hydroxycineole	170	C10H18O2	092999-78-5	90
3	Bicyclo(3.1.1)heptane-2,3-diol, ...	170	C10H18O2	053404-49-2	50
4	.alpha.-Campholenal	152	C10H16O	004501-58-0	35
5	2-Methylvaleric acid, 3-methylph...	206	C13H18O2	1000357-76-1	25





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Quant Title : SVOA CALIBRATION

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

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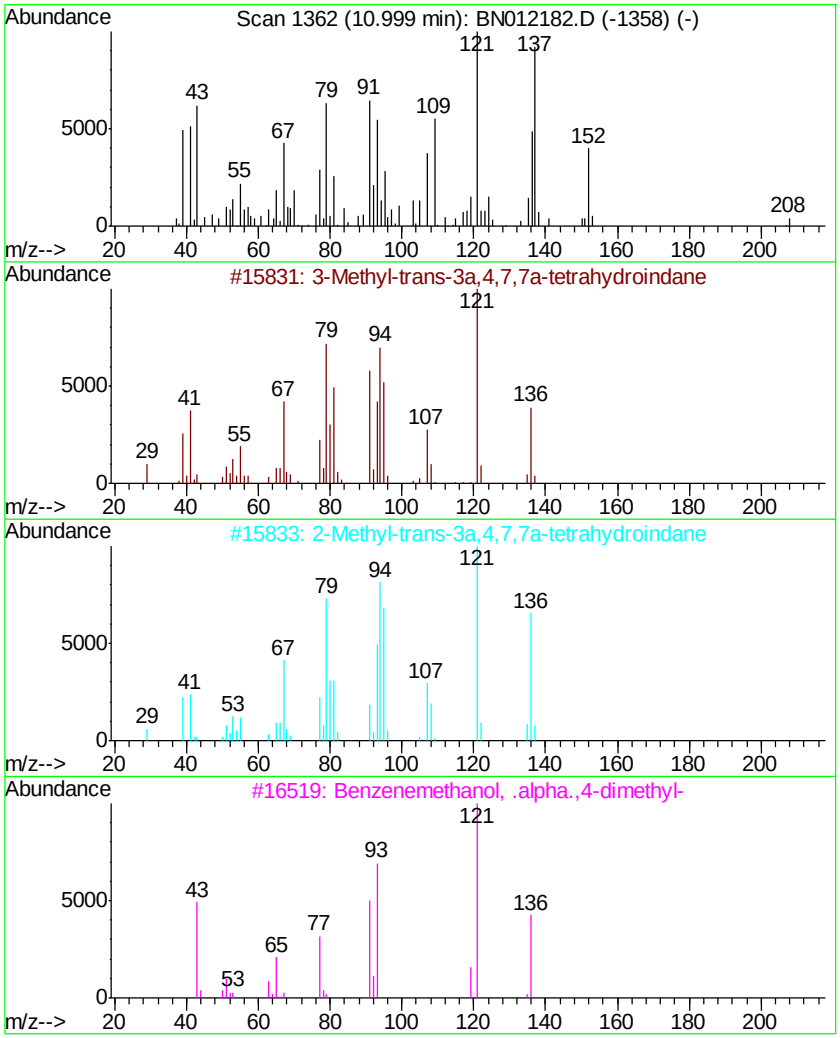
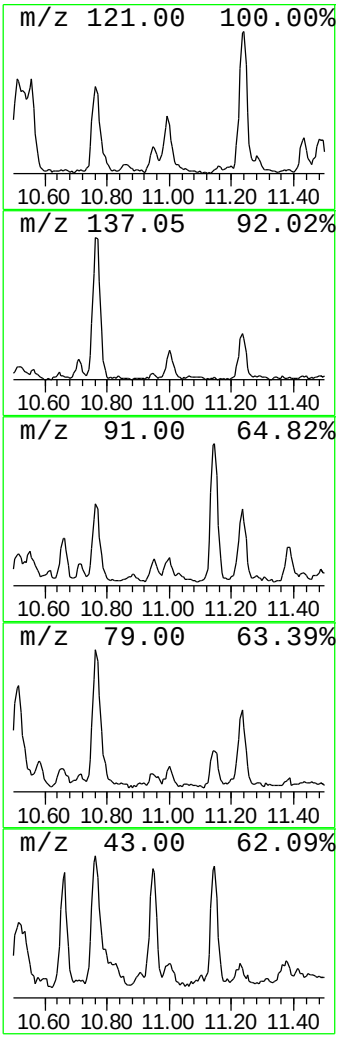
Peak Number 26 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.03 ng/ul	291713	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	45
2	2-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-2	43
3	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	42
4	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	42
5	Cyclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	38





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Quant Title : SVOA CALIBRATION

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

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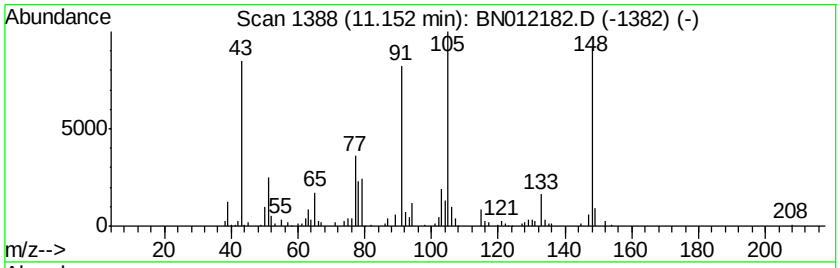
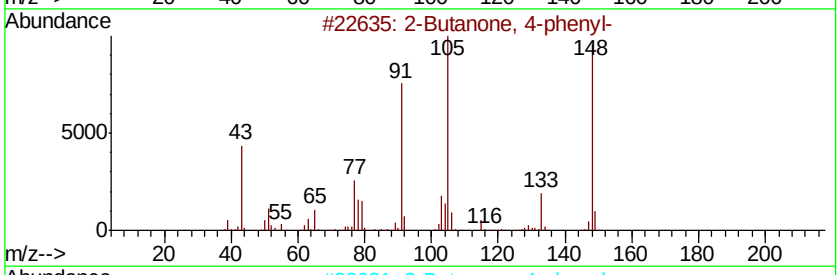
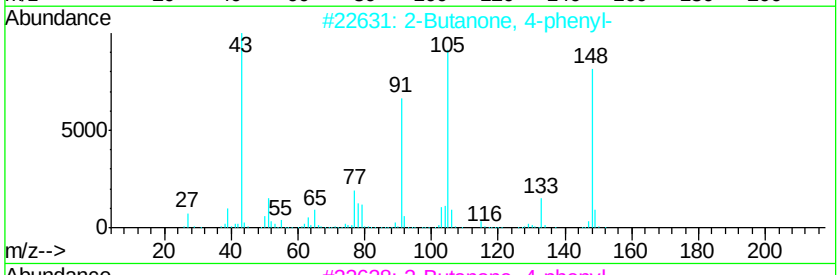
Peak Number 27 2-Butanone, 4-phenyl- Concentration Rank 34

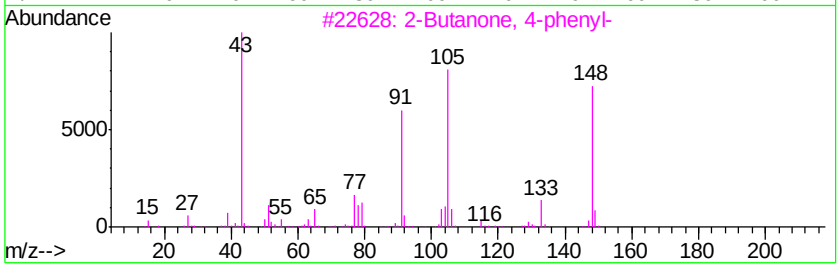
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.55 ng/ul	511693	Naphthalene-d8	10.40

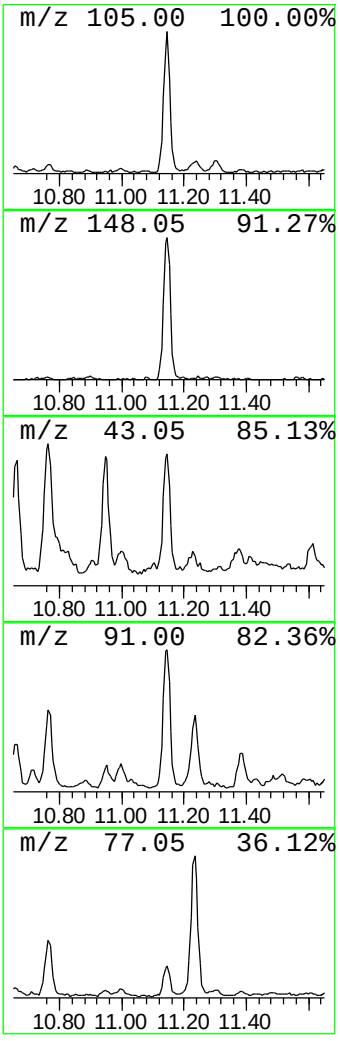
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	96
2	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	93
3	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	87
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	87
5	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	80











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Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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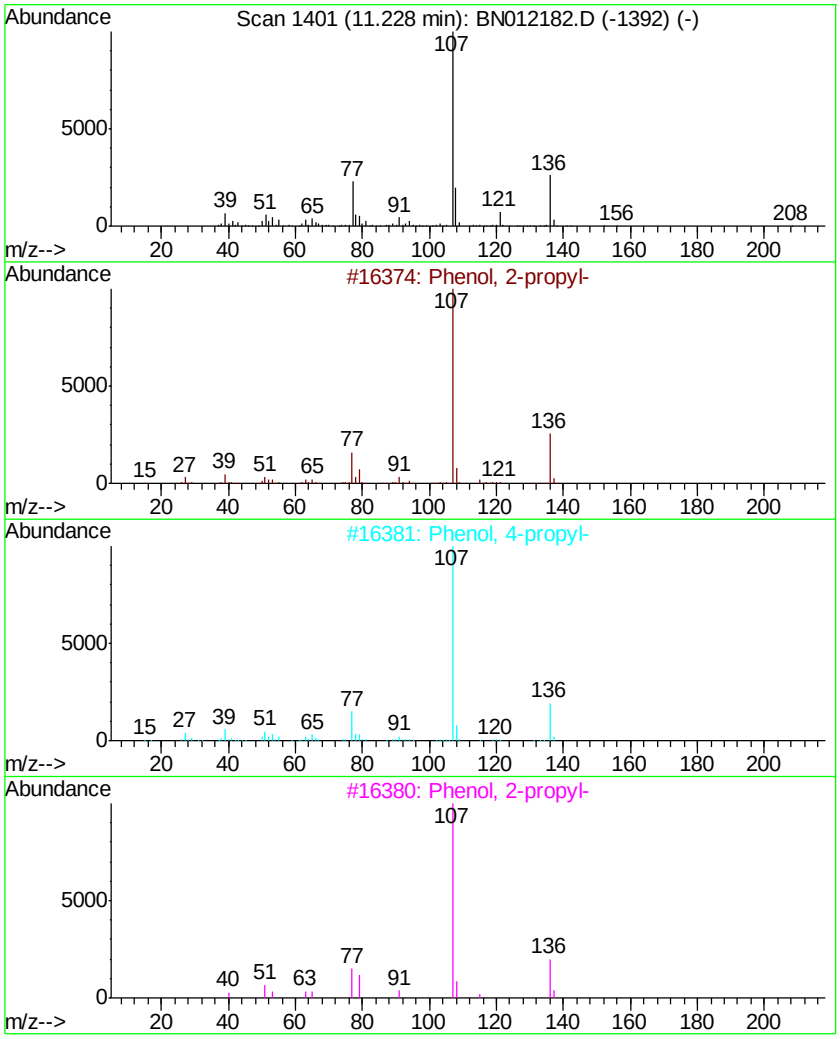
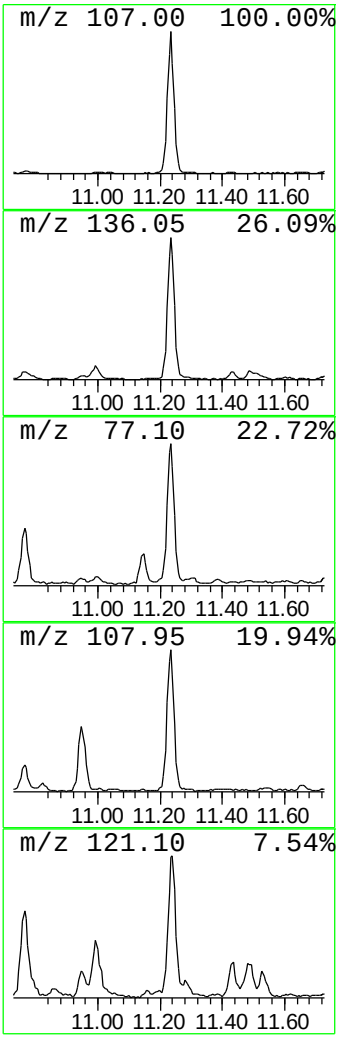
Peak Number 28 Phenol, 2-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	13.27 ng/ul	1911220	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	90
2	Phenol, 4-propyl-	136	C9H12O	000645-56-7	87
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	86
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	80
5	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012182.D
Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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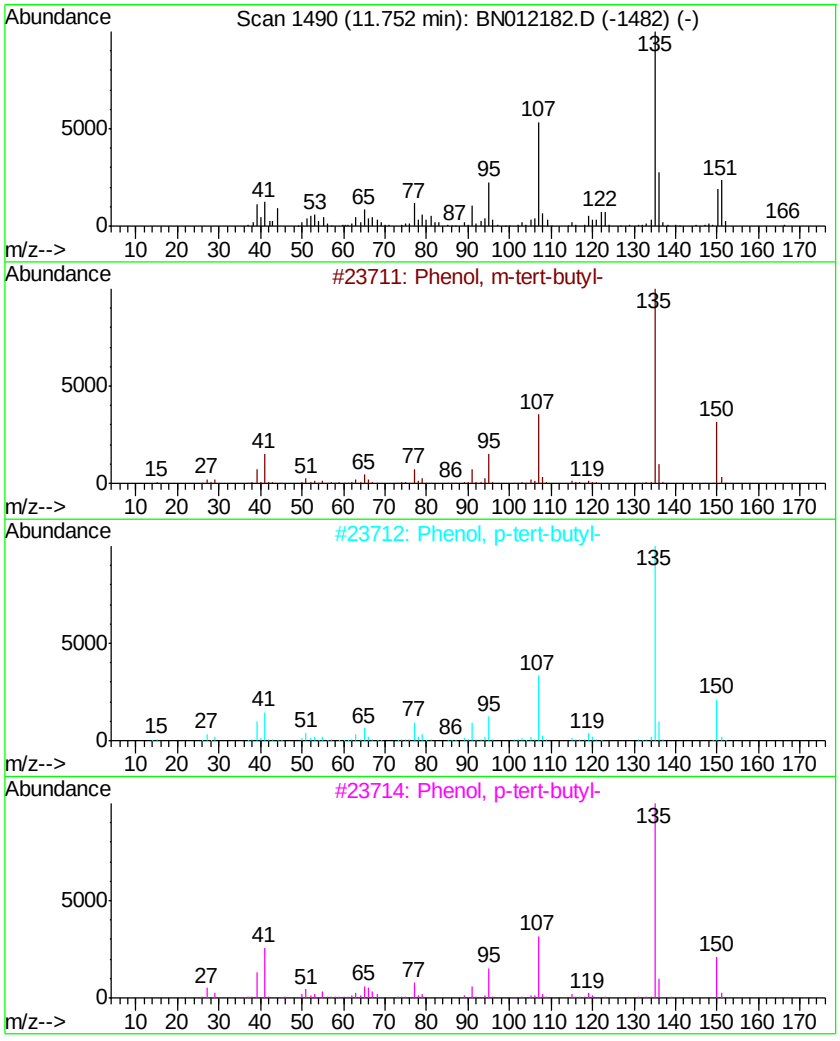
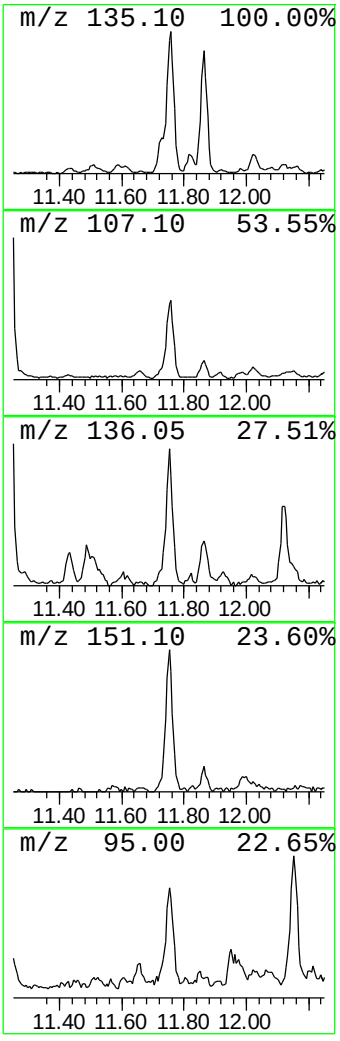
Peak Number 29 Phenol, m-tert-butyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.42 ng/ul	780146	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	76
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	74
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	68
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012182.D
Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

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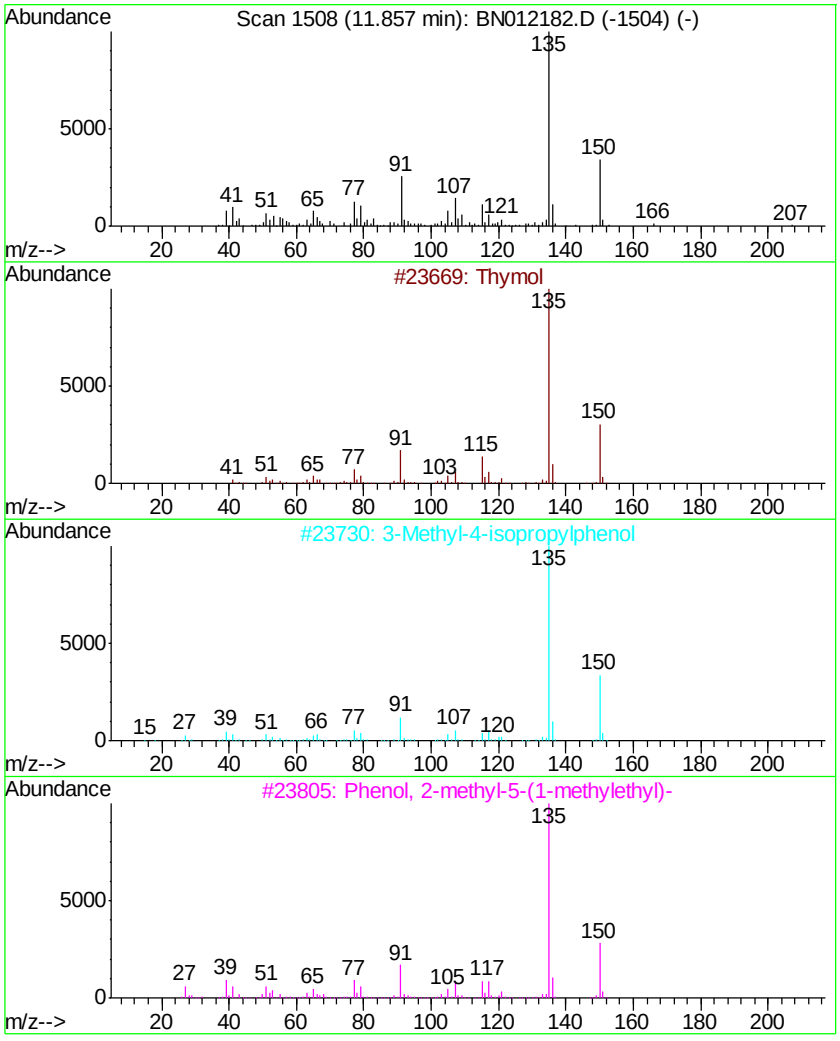
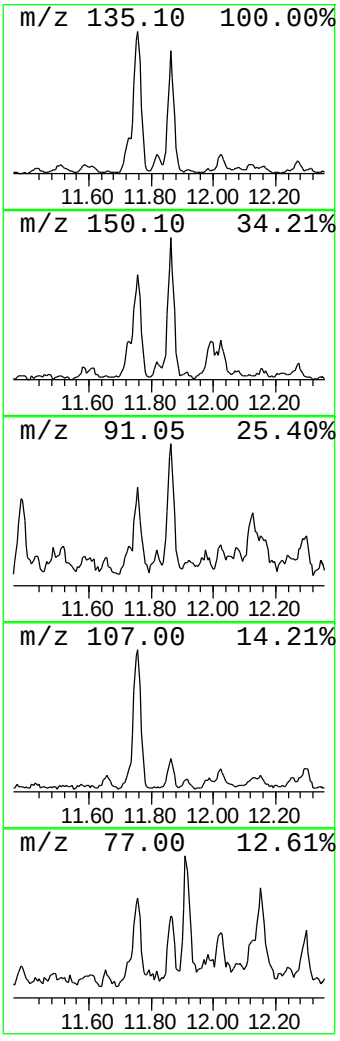
Peak Number 30 Thymol Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.79 ng/ul	402167	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	90
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	87
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
5	Thymol	150	C10H14O	000089-83-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
Data File : BN012182.D
Acq On : 14 Oct 2020 05:04
Operator : CG/JU
Sample : L4359-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7P7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.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
Toluene	3.89	113.4	ng/ul	11554300	1	7.63	2037450	20.0
Hexanal	4.25	2.5	ng/ul	254304	1	7.63	2037450	20.0
1,3-Oxathiolane	4.32	2.8	ng/ul	288302	1	7.63	2037450	20.0
Camphene	6.63	5.1	ng/ul	521672	1	7.63	2037450	20.0
3-Ethylcyclopenta...	6.70	8.1	ng/ul	829573	1	7.63	2037450	20.0
3-Heptanone, 5-me...	7.03	3.6	ng/ul	363468	1	7.63	2037450	20.0
Cyclohexanone, 4-...	7.46	6.0	ng/ul	614413	1	7.63	2037450	20.0
p-Cymene	7.76	88.9	ng/ul	9060590	1	7.63	2037450	20.0
unknown-01	7.93	3.6	ng/ul	369959	1	7.63	2037450	20.0
Indane	8.00	3.3	ng/ul	333737	1	7.63	2037450	20.0
6-Tridecen-4-yne,...	8.56	2.9	ng/ul	295657	1	7.63	2037450	20.0
Benzenamine, 3-me...	8.61	12.5	ng/ul	1277210	1	7.63	2037450	20.0
Bicyclo[2.2.1]hep...	8.86	145.2	ng/ul	14796200	1	7.63	2037450	20.0
Bicyclo[2.2.1]hep...	9.33	2.4	ng/ul	342121	2	10.40	2879880	20.0
unknown-02	9.55	3.4	ng/ul	491057	2	10.40	2879880	20.0
Cyclohexanol, 1-m...	9.65	8.9	ng/ul	1284140	2	10.40	2879880	20.0
Cyclohexanemethan...	9.79	106.0	ng/ul	15264700	2	10.40	2879880	20.0
Camphor	9.83	202.0	ng/ul	29089300	2	10.40	2879880	20.0
unknown-03	9.96	21.5	ng/ul	3095440	2	10.40	2879880	20.0
endo-Borneol	10.19	3.3	ng/ul	475411	2	10.40	2879880	20.0
Terpinen-4-ol	10.28	14.5	ng/ul	2088240	2	10.40	2879880	20.0
Ethanone, 1-(4-me...	10.33	3.3	ng/ul	471779	2	10.40	2879880	20.0
unknown-04	10.66	3.3	ng/ul	481033	2	10.40	2879880	20.0
unknown-05	10.76	29.2	ng/ul	4208920	2	10.40	2879880	20.0
2-Oxabicyclo[2.2....	10.95	4.3	ng/ul	623905	2	10.40	2879880	20.0
unknown-06	11.00	2.0	ng/ul	291713	2	10.40	2879880	20.0
2-Butanone, 4-phe...	11.15	3.5	ng/ul	511693	2	10.40	2879880	20.0
Phenol, 2-propyl-	11.23	13.3	ng/ul	1911220	2	10.40	2879880	20.0
Phenol, m-tert-bu...	11.75	5.4	ng/ul	780146	2	10.40	2879880	20.0
Thymol	11.86	2.8	ng/ul	402167	2	10.40	2879880	20.0