LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.010	3	4	15	rVB	882439	877422	11.46%	0.664%
2	6.010	507	514	527	rVB6	56356	152401	1.99%	0.115%
3	6.887	655	663	667	rBV	286603	446723	5.83%	0.338%
4	7.057	685	692	697	rBV	819286	1264849	16.52%	0.957%
5	7.251	719	725	731	rVV	926245	1441719	18.83%	1.091%
6	7.716	792	804	810	rBV	893403	1622445	21.19%	1.228%
7	8.075	860	865	870	rBV2	398728	688721	9.00%	0.521%
8	8.198	879	886	891	rBV	141430	232772	3.04%	0.176%
9	8.263	891	897	903	rVB3	73526	148143	1.93%	0.112%
10	8.351	903	912	917	rBV2	233874	425425	5.56%	0.322%
11	8.416	917	923	927	rVV	947421	1746187	22.81%	1.322%
12	8.463	929	931	938	rVB	625580	706851	9.23%	0.535%
13	8.598	949	954	957	rBV	200650	318673	4.16%	0.241%
14	8.634	957	960	969	rVB6	144360	298637	3.90%	0.226%
15	8.739	969	978	986	rBV	697640	1665906	21.76%	1.261%
16	8.810	986	990	994	rVB	370239	573411	7.49%	0.434%
17	8.863	994	999	1006	rBV	1031943	1653910	21.60%	1.252%
18	8.940	1007	1012	1015	rBV3	96003	168929	2.21%	0.128%
19	9.051	1024	1031	1035	rBV	195837	385825	5.04%	0.292%
20	9.157	1043	1049	1054	rBV3	138077	371114	4.85%	0.281%
21	9.287	1061	1071	1074	rBV6	134075	328488	4.29%	0.249%
22	9.328	1074	1078	1085	rVB	748396	1217507	15.90%	0.921%
23	9.398	1085	1090	1092	rBV2	85689	148292	1.94%	0.112%
24	9.428	1092	1095	1102	rVB3	137948	242120	3.16%	0.183%
25	9.581	1104	1121	1130	rBV4	931646	2692482	35.17%	2.038%
26	9.669	1130	1136	1137	rBV4	142421	221560	2.89%	0.168%
27	9.739	1142	1148	1152	rVV5	698598	1565260	20.44%	1.185%
28	9.781	1152	1155	1159	rVV	685264	985001	12.86%	0.745%
29	9.822	1159	1162	1165	rVV	121072	175861	2.30%	0.133%
30	9.898	1165	1175	1185	rVB4	1119643	3196417	41.75%	2.419%
31	10.051	1196	1201	1205	rBV	727710	1163030	15.19%	0.880%
32	10.116	1205	1212	1219	rVB2	1640697	3196027	41.74%	2.419%
33	10.239	1224	1233	1236	rBV4	700892	1590659	20.77%	1.204%
34	10.369	1249	1255	1259	rBV4	198618	377383	4.93%	0.286%

LSC Area Percent Report

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Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	10.428	1259	1265	1270	rVV2	358660	877087	11.46%	0.664%
36	10.492	1270	1276	1281	rVV	1725141	3124992	40.81%	2.365%
37	10.539	1281	1284	1292	rVB5	415024	894726	11.69%	0.677%
38	10.610	1292	1296	1300	rBV2	140006	252236	3.29%	0.191%
39	10.698	1301	1311	1315	rVB	828479	1864752	24.35%	1.411%
40	10.816	1326	1331	1335	rBV7	115695	256812	3.35%	0.194%
41	10.904	1341	1346	1349	rBV2	322916	536756	7.01%	0.406%
42	10.992	1354	1361	1367	rVB3	922004	2462354	32.16%	1.864%
43	11.075	1372	1375	1379	rVV2	410779	624650	8.16%	0.473%
44	11.116	1379	1382	1387	rVB3	125389	210423	2.75%	0.159%
45	11.281	1402	1410	1414	rBV4	662661	1743401	22.77%	1.319%
46	11.392	1425	1429	1435	rBV2	625843	1071511	13.99%	0.811%
47	11.451	1435	1439	1446	rVB	964553	1658199	21.66%	1.255%
48	11.528	1447	1452	1460	rBV2	228146	472320	6.17%	0.357%
49	11.616	1462	1467	1472	rBV3	332554	530935	6.93%	0.402%
50	11.657	1472	1474	1477	rBV	143869	177207	2.31%	0.134%
51	11.692	1477	1480	1485	rVV2	375645	525444	6.86%	0.398%
52	11.745	1485	1489	1497	rVB	379584	771077	10.07%	0.584%
53	11.845	1499	1506	1511	rBV3	476587	985917	12.88%	0.746%
54	11.904	1511	1516	1521	rVB3	243509	413433	5.40%	0.313%
55	11.998	1525	1532	1540	rBV5	386447	1029960	13.45%	0.780%
56	12.110	1545	1551	1557	rVB4	1036264	2051722	26.80%	1.553%
57	12.186	1557	1564	1570	rBV	1638187	3167346	41.37%	2.397%
58	12.245	1570	1574	1580	rVB4	271878	417897	5.46%	0.316%
59	12.316	1580	1586	1588	rBV2	892232	1595770	20.84%	1.208%
60	12.351	1588	1592	1593	rBV2	671165	833086	10.88%	0.631%
61	12.433	1601	1606	1611	rBV3	631555	1080906	14.12%	0.818%
62	12.504	1612	1618	1620	rBV3	820437	1556702	20.33%	1.178%
63	12.592	1629	1633	1636	rBV	551815	962620	12.57%	0.729%
64	12.680	1642	1648	1651	rBV5	673358	1357361	17.73%	1.027%
65	12.786	1661	1666	1670	rBV4	315969	689376	9.00%	0.522%
66	12.910	1682	1687	1695	rVB4	959860	2022577	26.42%	1.531%
67	12.986	1695	1700	1701	rBV4	158177	213878	2.79%	0.162%
68	13.039	1705	1709	1713	rVV	240243	489507	6.39%	0.370%
69	13.092	1714	1718	1722	rVB3	295488	502974	6.57%	0.381%
70	13.280	1743	1750	1752	rBV	762224	1474889	19.26%	1.116%
71	13.304	1752	1754	1762	rVB4	644915	1028844	13.44%	0.779%

LSC Area Percent Report

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Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

72	13.445	1775	1778	1781	rVB2	177280	199480	2.61%	0.151%
73	13.486	1781	1785	1786	rBV4	161239	200293	2.62%	0.152%
74	13.545	1792	1795	1797	rBV3	198329	259409	3.39%	0.196%
75	13.580	1797	1801	1805	rVV2	797571	1236547	16.15%	0.936%
76	13.622	1805	1808	1812	rVV3	431313	622143	8.13%	0.471%
77	13.663	1812	1815	1826	rVB6	457524	1155427	15.09%	0.874%
78	13.769	1827	1833	1837	rBV	2683399	3951654	51.61%	2.991%
79	13.810	1837	1840	1845	rVB	240777	264337	3.45%	0.200%
80	13.945	1857	1863	1871	rVV6	437331	1132204	14.79%	0.857%
81	14.045	1875	1880	1884	rVV	3003649	4358891	56.93%	3.299%
82	14.092	1884	1888	1896	rVB	719568	1224541	15.99%	0.927%
83	14.351	1927	1932	1941	rVB2	1738379	2791891	36.46%	2.113%
84	14.439	1942	1947	1957	rVV6	240122	611623	7.99%	0.463%
85	14.557	1963	1967	1974	rBV2	240748	329332	4.30%	0.249%
86	14.874	2014	2021	2028	rVB3	301389	494465	6.46%	0.374%
87	15.016	2037	2045	2049	rBV4	264539	550884	7.19%	0.417%
88	15.351	2095	2102	2109	rBV	3894340	5652210	73.82%	4.278%
89	15.463	2116	2121	2128	rVB	1152970	1603521	20.94%	1.214%
90	15.592	2139	2143	2149	rVB6	105061	246487	3.22%	0.187%
91	15.880	2187	2192	2198	rVB3	119442	229280	2.99%	0.174%
92	16.704	2327	2332	2337	rBV	133793	200538	2.62%	0.152%
93	17.098	2393	2399	2406	rVB2	2271629	3177448	41.50%	2.405%
94	17.198	2410	2416	2425	rBV2	4202749	5994647	78.29%	4.537%
95	19.498	2800	2807	2813	rBV	5167836	7171278	93.66%	5.428%
96	21.286	3106	3111	3119	rBV	3066737	3956569	51.67%	2.994%
97	22.856	3375	3378	3383	rVB	182869	247729	3.24%	0.187%
98	23.380	3460	3467	3473	rBV	4106783	7656690	100.00%	5.795%
99	23.515	3484	3490	3501	rVB2	2103166	4046384	52.85%	3.062%
100	24.068	3581	3584	3591	rVB	208615	342753	4.48%	0.259%

Sum of corrected areas: 132128452

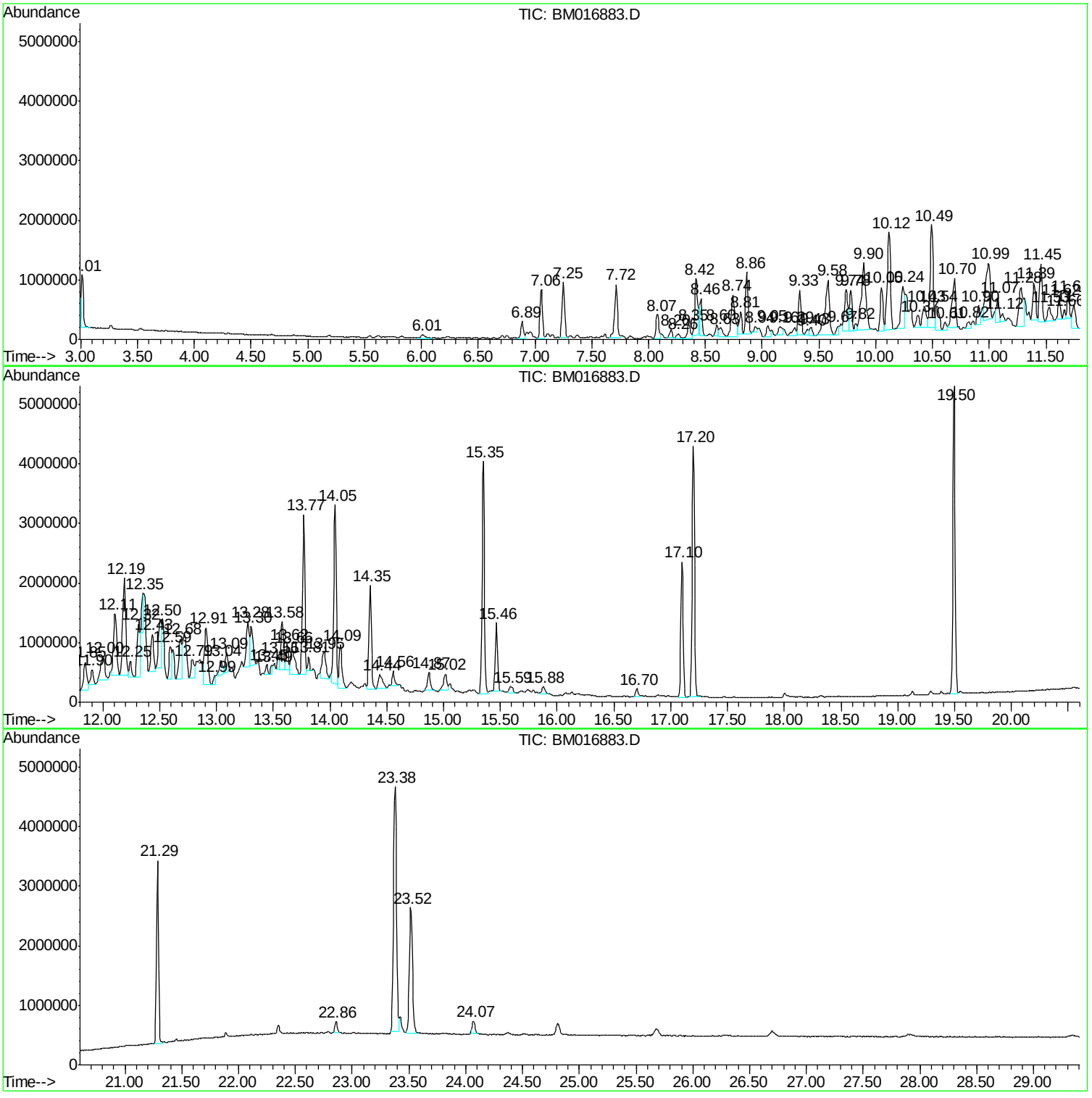
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

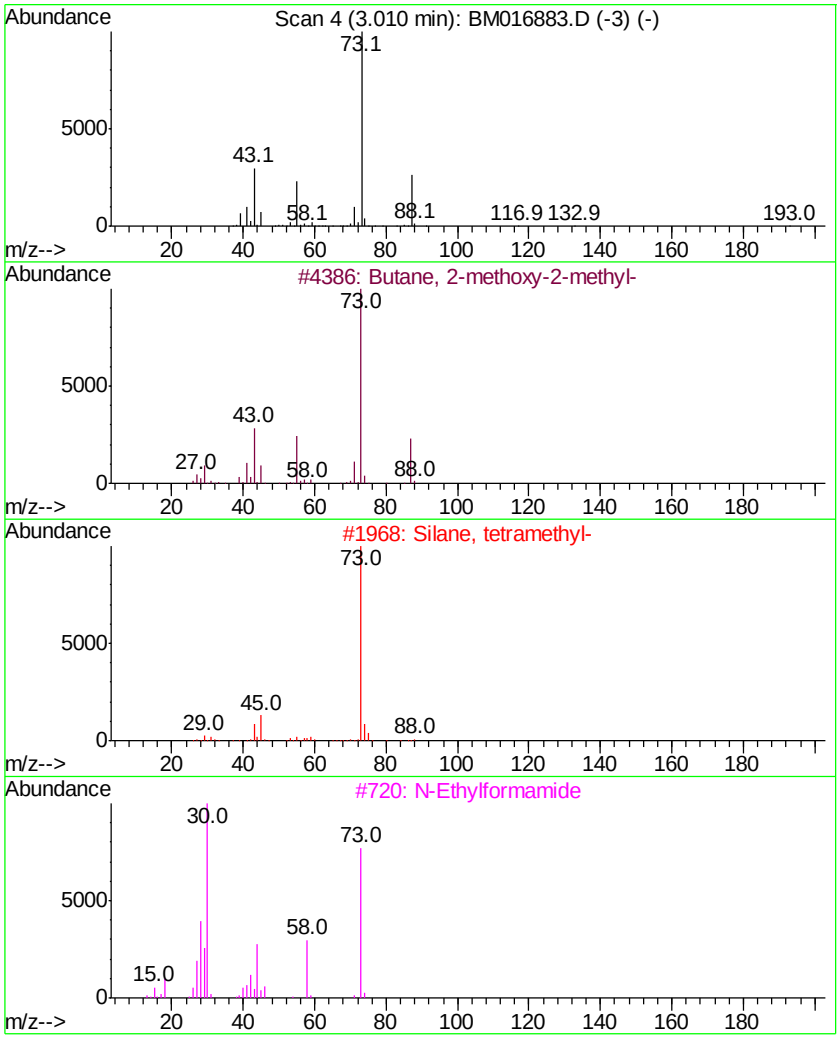
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

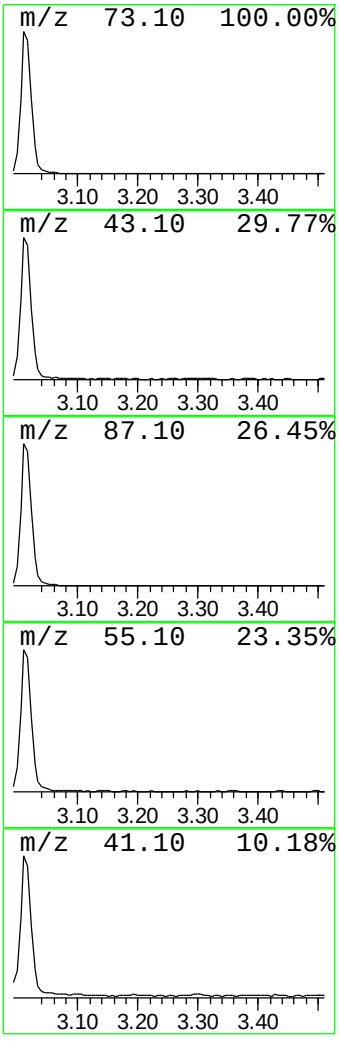
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	10.82 ng/ul	877422	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

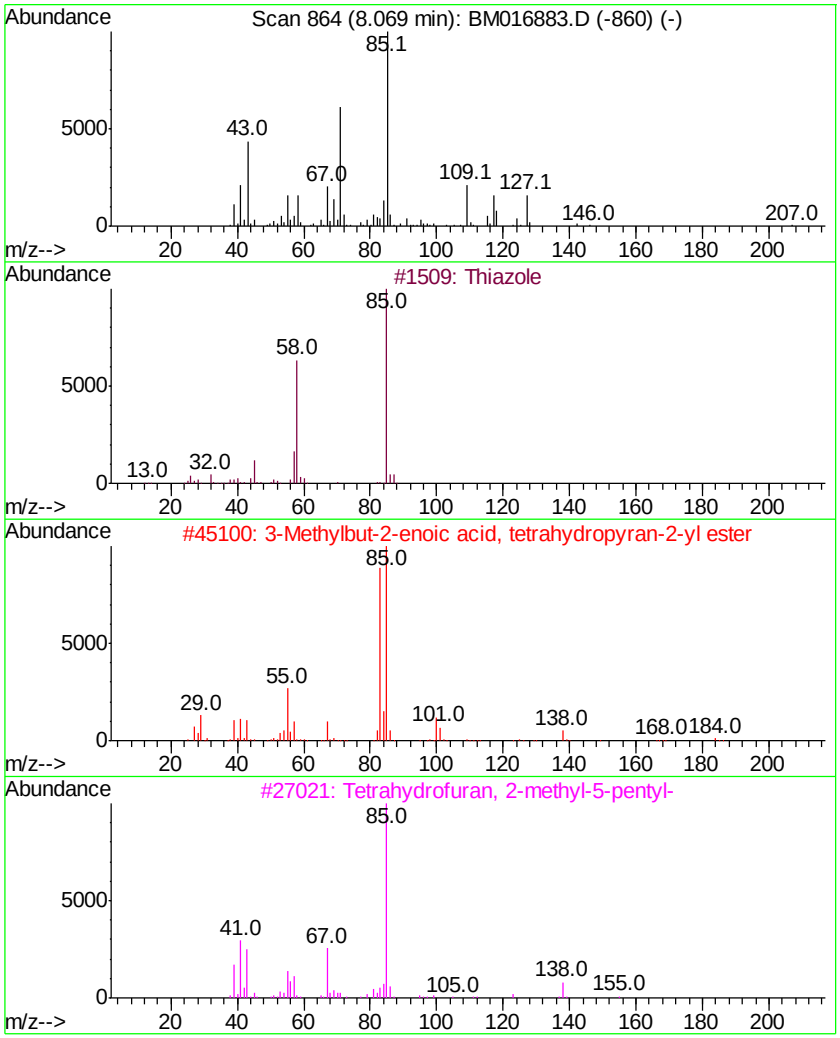
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

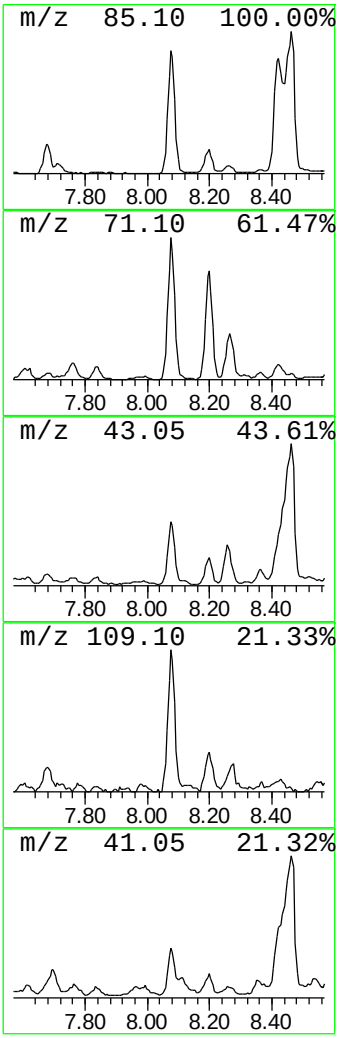
****

Peak Number 2 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	8.49 ng/ul	688721	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	27
2	3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	25
3	Tetrahydrofuran, 2-methyl-5-pentyl-	156	C10H20O	1000292-99-1	16
4	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	16
5	Furfuryl alcohol, tetrahydro-5-m...	116	C6H12O2	016015-08-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

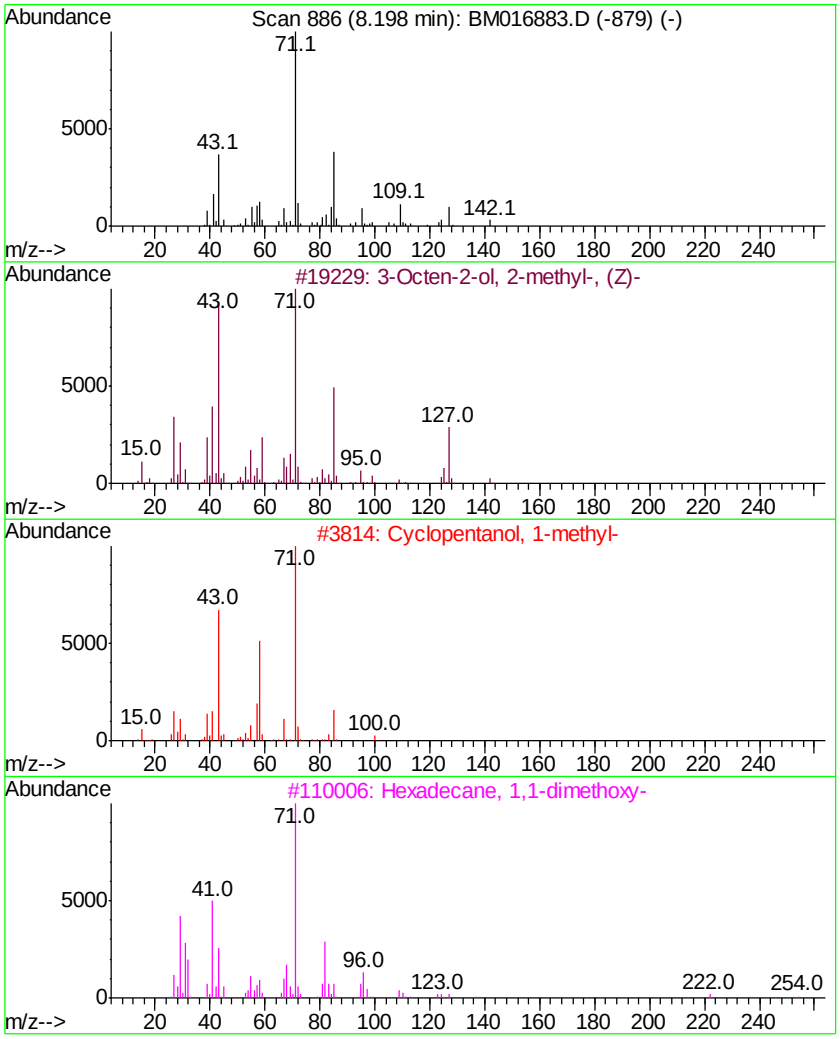
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

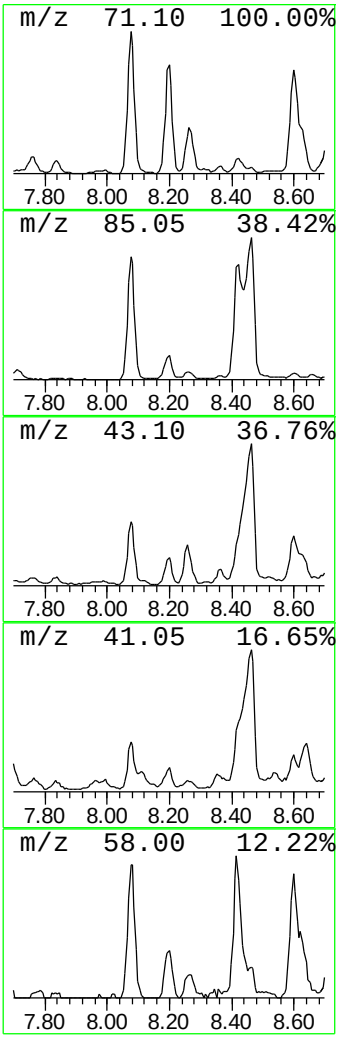
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Octen-2-ol, 2-methyl-, (Z)- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.87 ng/ul	232772	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	56
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	53
3	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	42
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	37
5	1,3-Dimethylbutyl butyrate	172	C10H20O2	005332-88-7	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

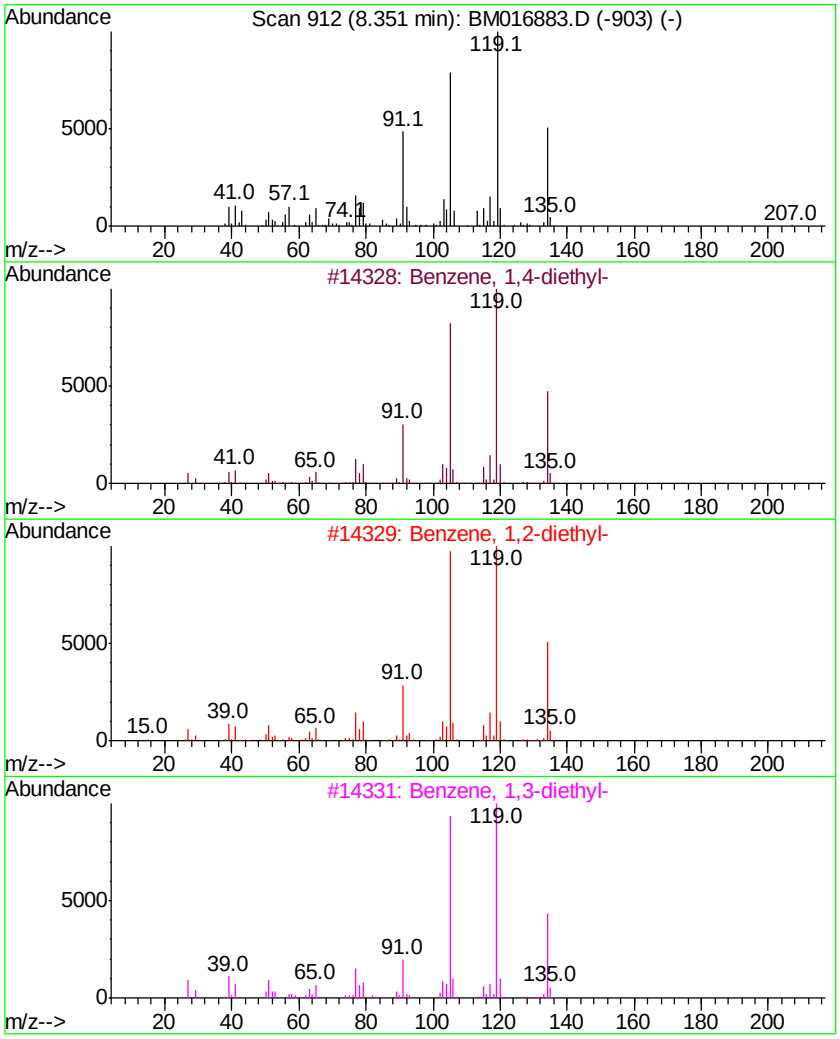
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

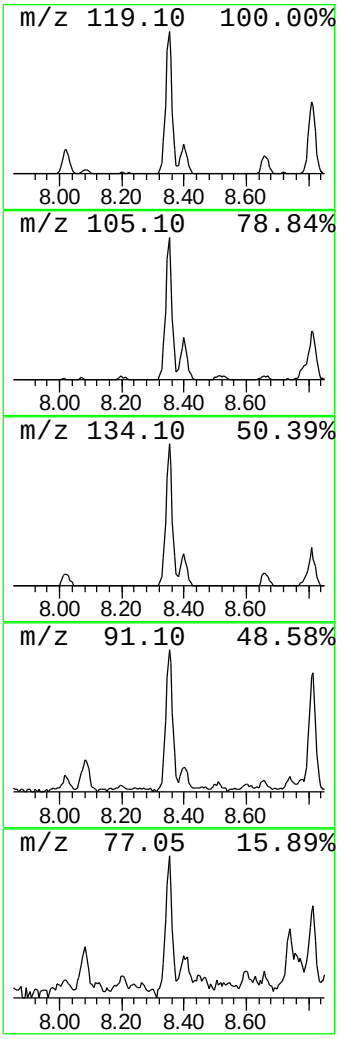
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.24 ng/ul	425425	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

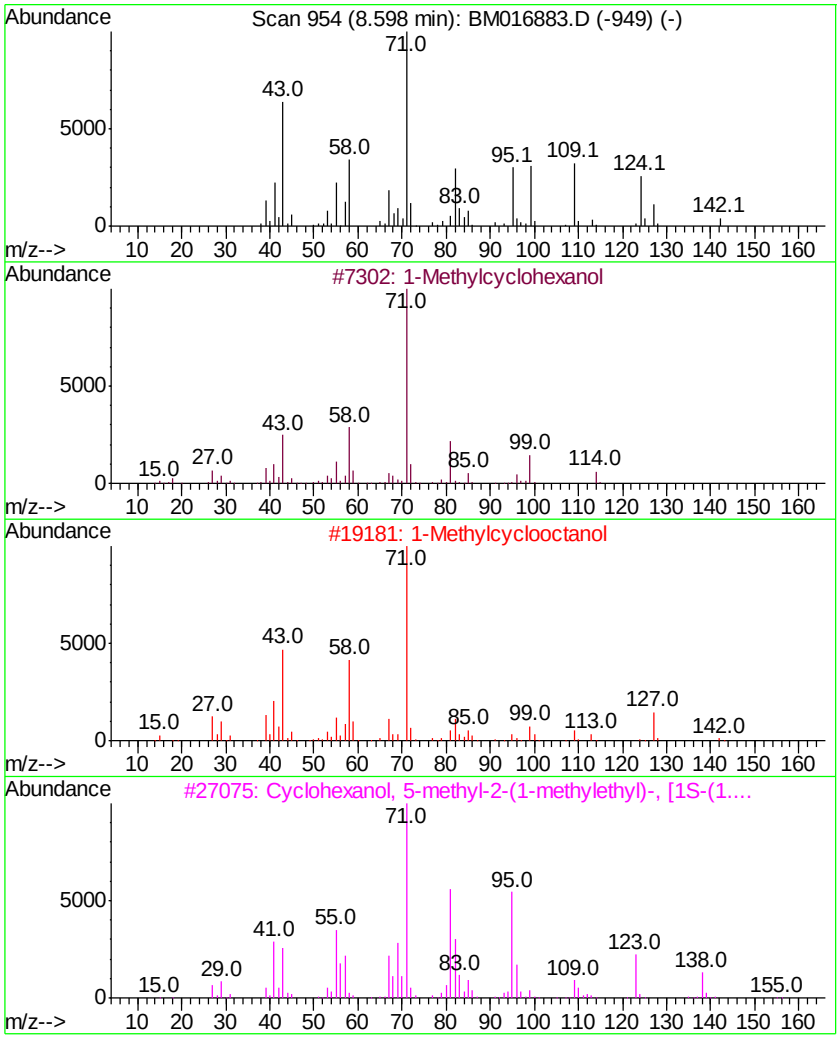
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

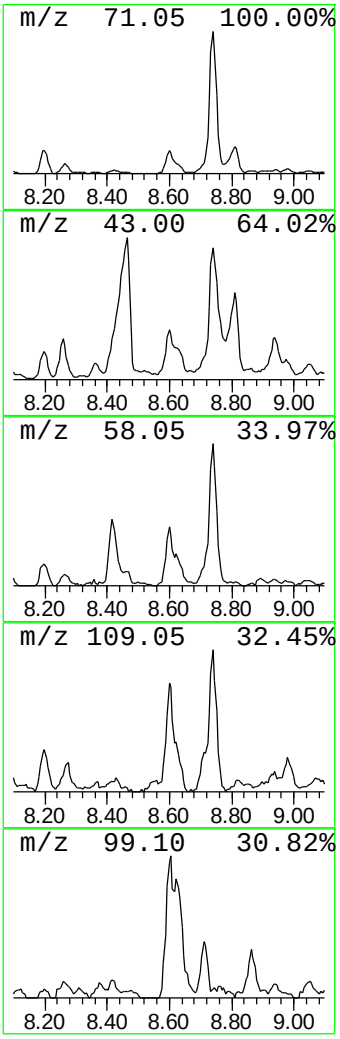
****

Peak Number 5 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.93 ng/ul	318673	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	38
2	1-Methylcyclooctanol	142	C9H18O	059123-41-0	37
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	37
4	3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	32
5	2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	32





Library Search Compound Report

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Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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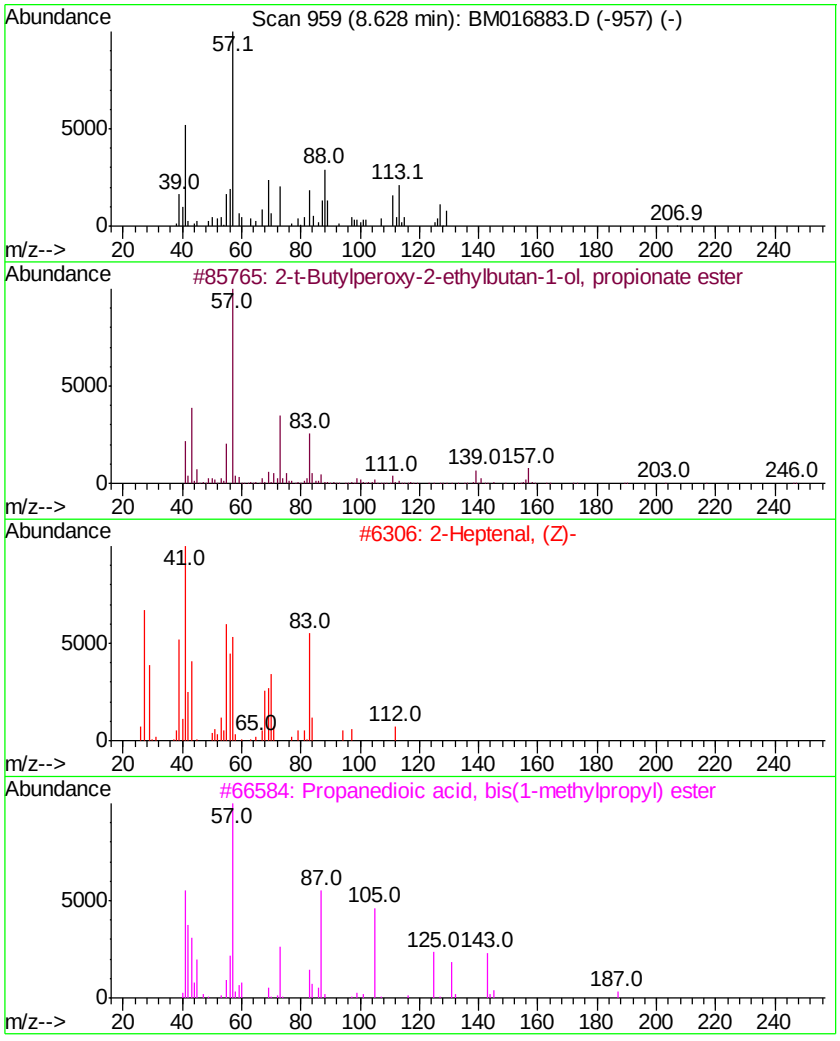
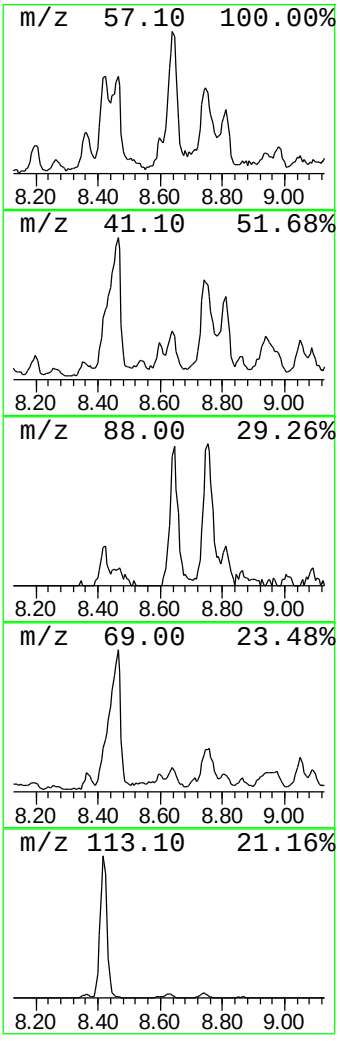
Peak Number 6 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.68 ng/ul	298637	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butylperoxy-2-ethylbutan-1-o...	246	C13H26O4	139727-32-5	16
2	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	14
3	Propanedioic acid, bis(1-methylp...	216	C11H20O4	032260-07-4	12
4	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	12
5	Propanal, 2-[(tert.butyloxycarbo...	173	C8H15NO3	123387-72-4	12





Library Search Compound Report

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Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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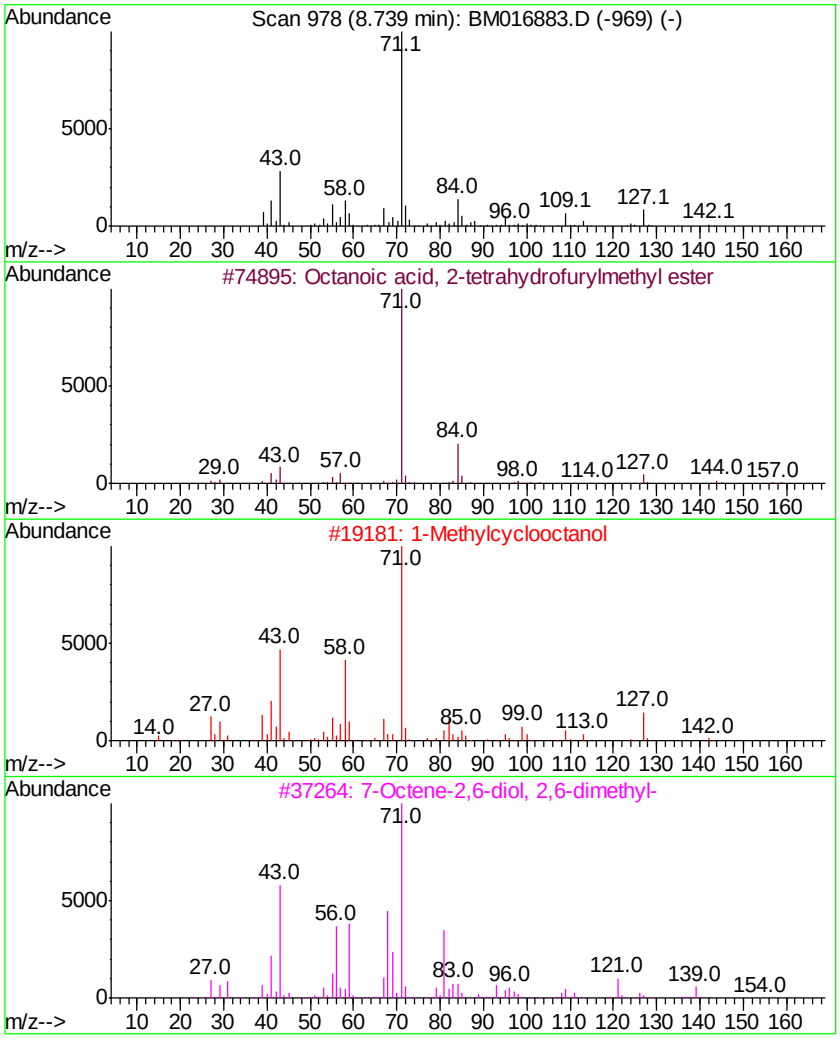
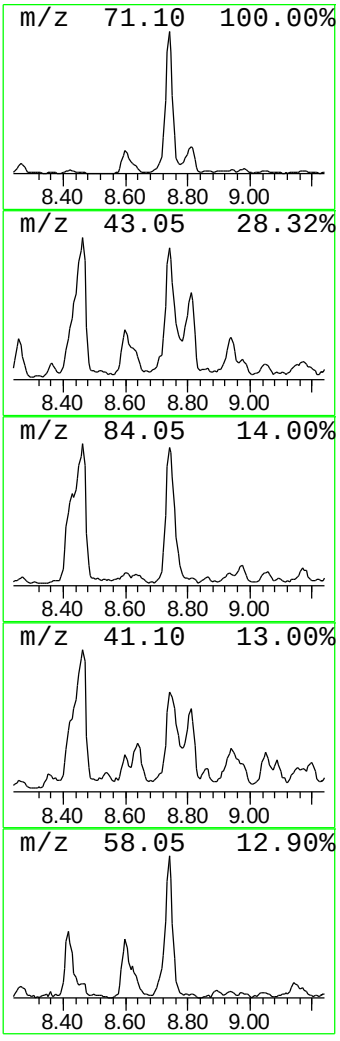
Peak Number 7 Octanoic acid, 2-tetrahydro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	20.54 ng/ul	1665910	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-tetrahydrofurfuryl...	228	C13H24O3	033601-75-1	59
2	1-Methylcyclooctanol	142	C9H18O	059123-41-0	56
3	7-Octene-2,6-diol, 2,6-dimethyl-	172	C10H20O2	029210-77-3	56
4	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	53
5	2,6-Octadiene-4,5-diol	142	C8H14O2	004486-59-3	52





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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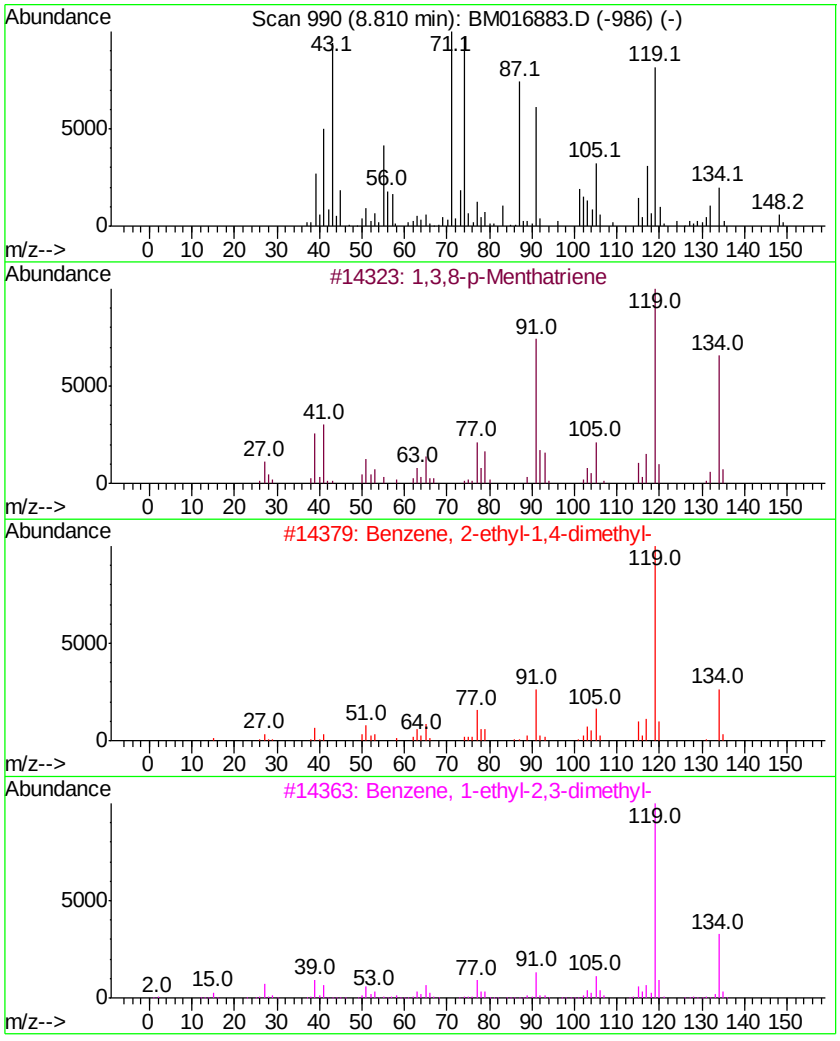
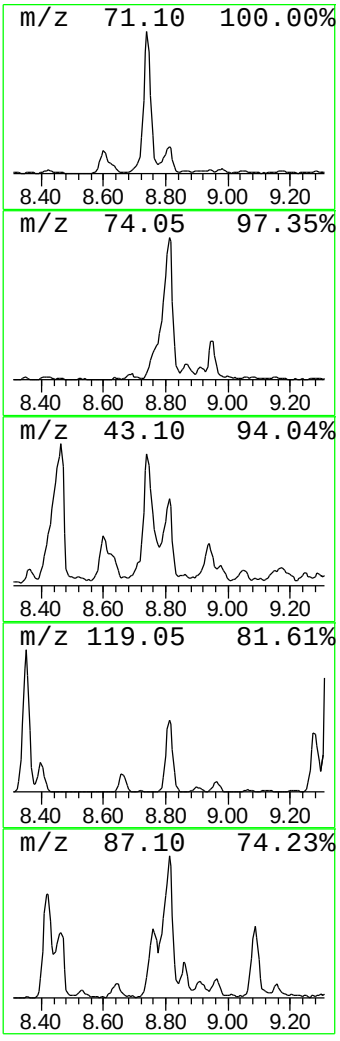
Peak Number 8 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	7.07 ng/ul	573411	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	20
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	18
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	18
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	18
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	18





Library Search Compound Report

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Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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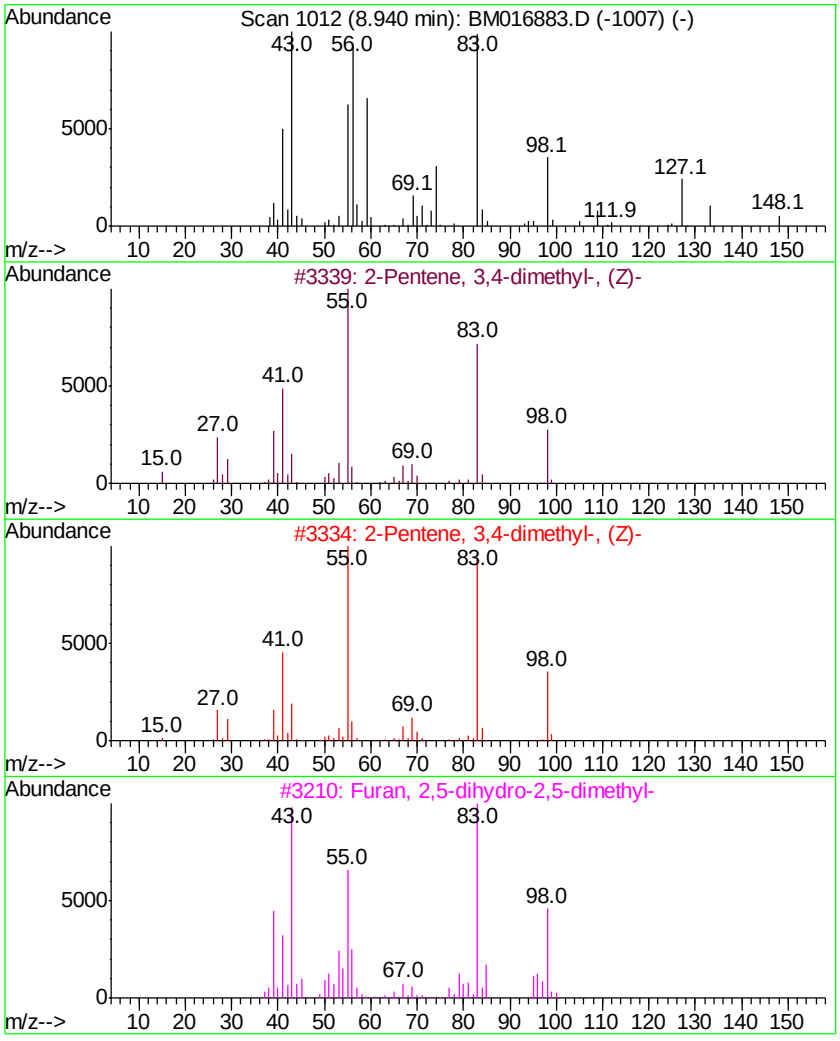
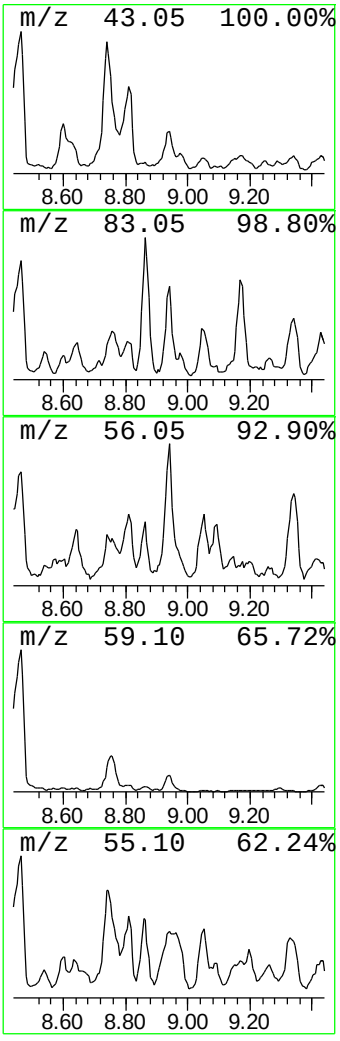
Peak Number 9 (DEL) Alkane: Cyclic8.94 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.08 ng/ul	168929	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	30
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	30
3	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	30
4	4,4-Dimethyl-2-imidazoline	98	C5H10N2	002305-59-1	27
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	27





Library Search Compound Report

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Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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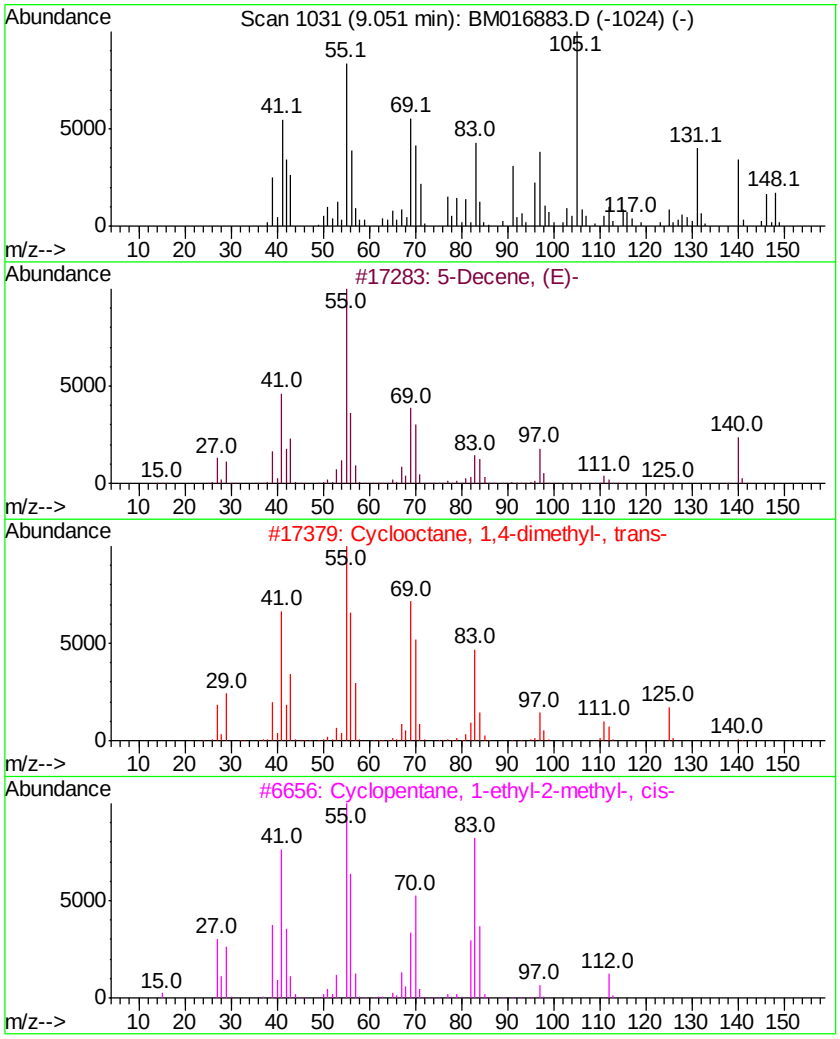
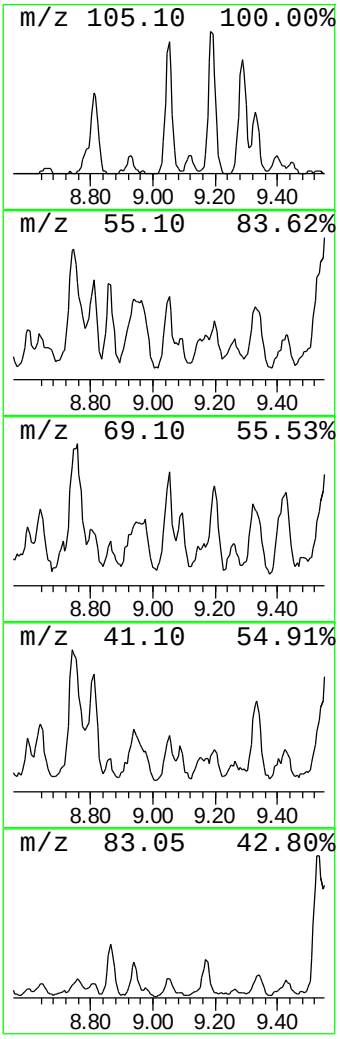
Peak Number 10 (DEL) Alkane: Cyclic9.05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.76 ng/ul	385825	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Decene, (E)-	140	C10H20	007433-56-9	38
2	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	35
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	30
4	4-Octene, (Z)-	112	C8H16	007642-15-1	25
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	25





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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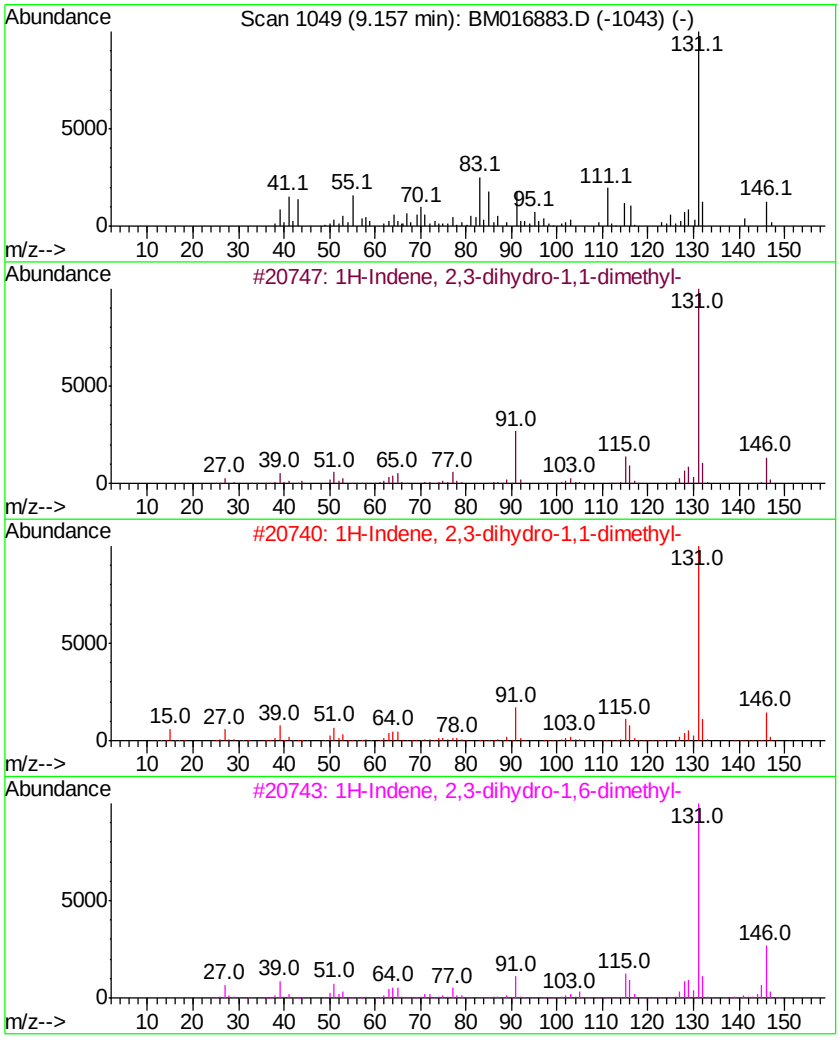
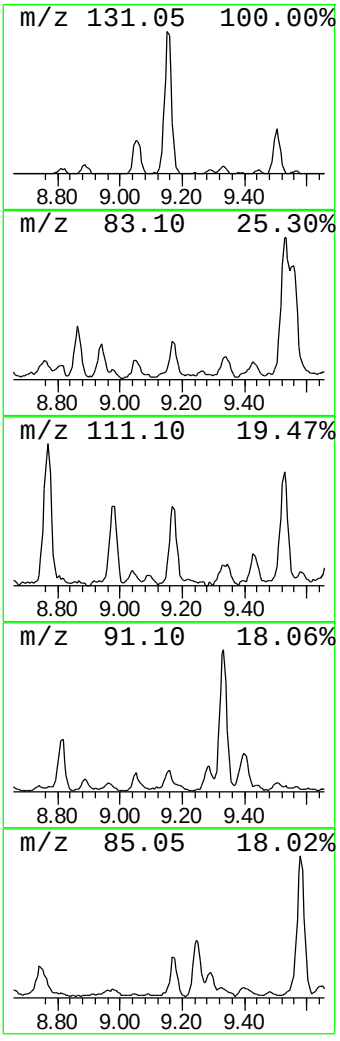
Peak Number 11 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.38 ng/ul	371114	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	92
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	58
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	52





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Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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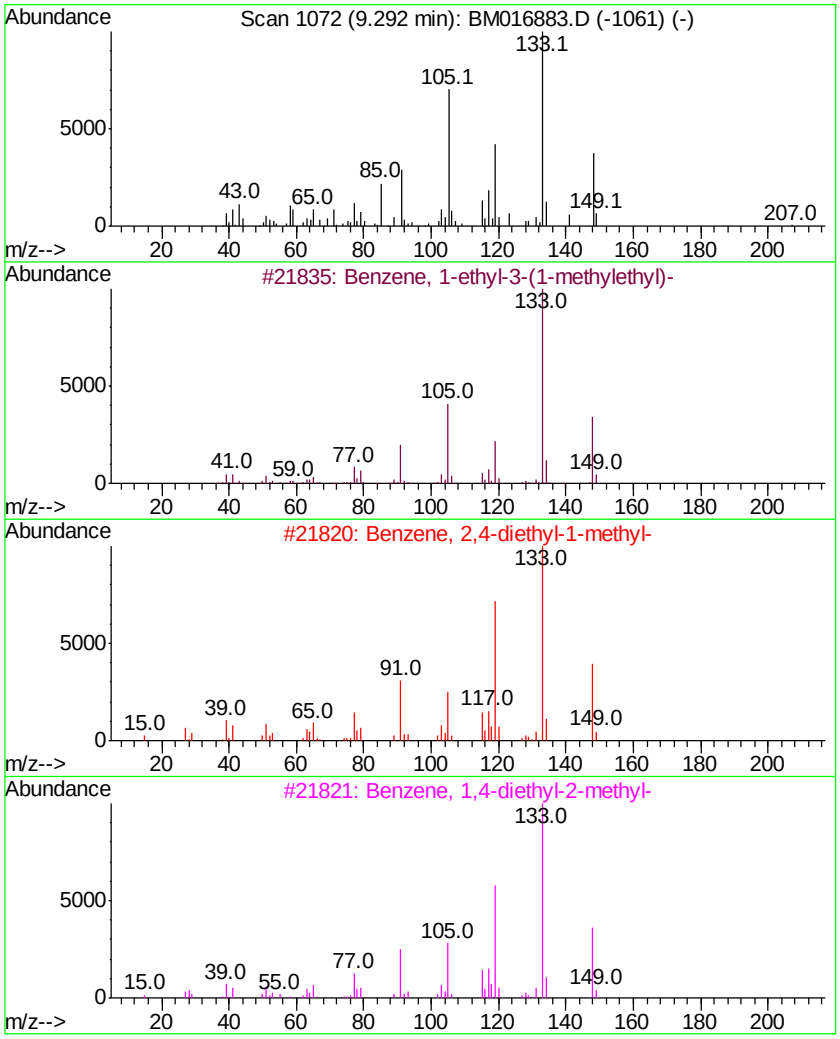
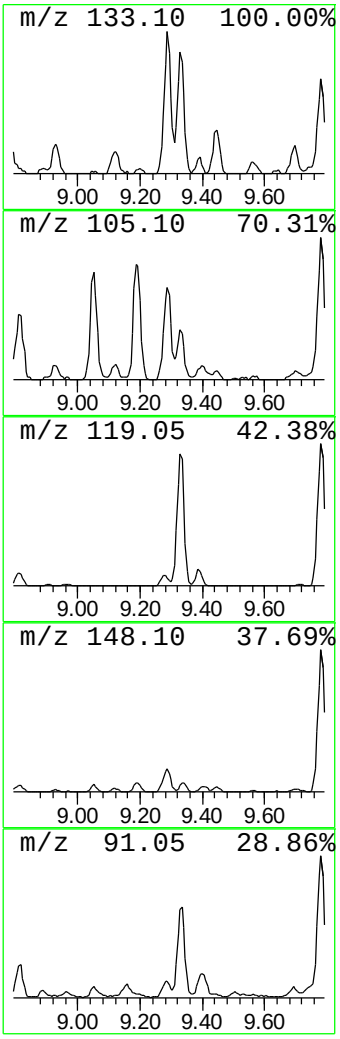
Peak Number 12 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.10 ng/ul	328488	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	94
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	83
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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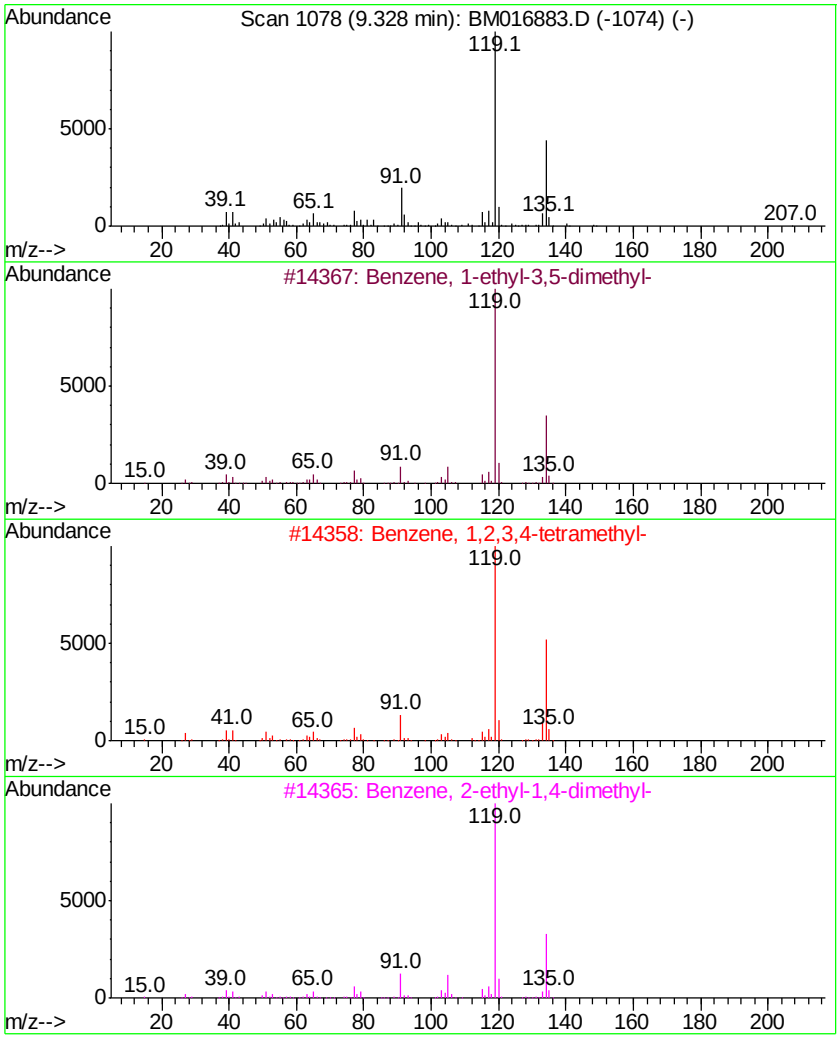
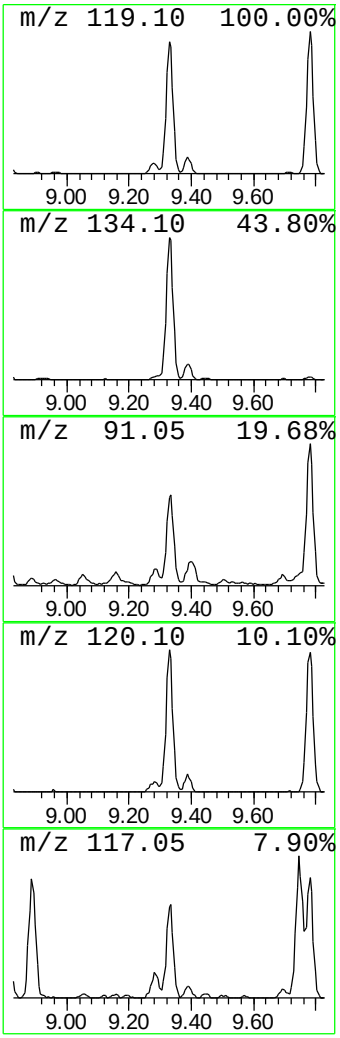
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.79 ng/ul	1217510	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	91





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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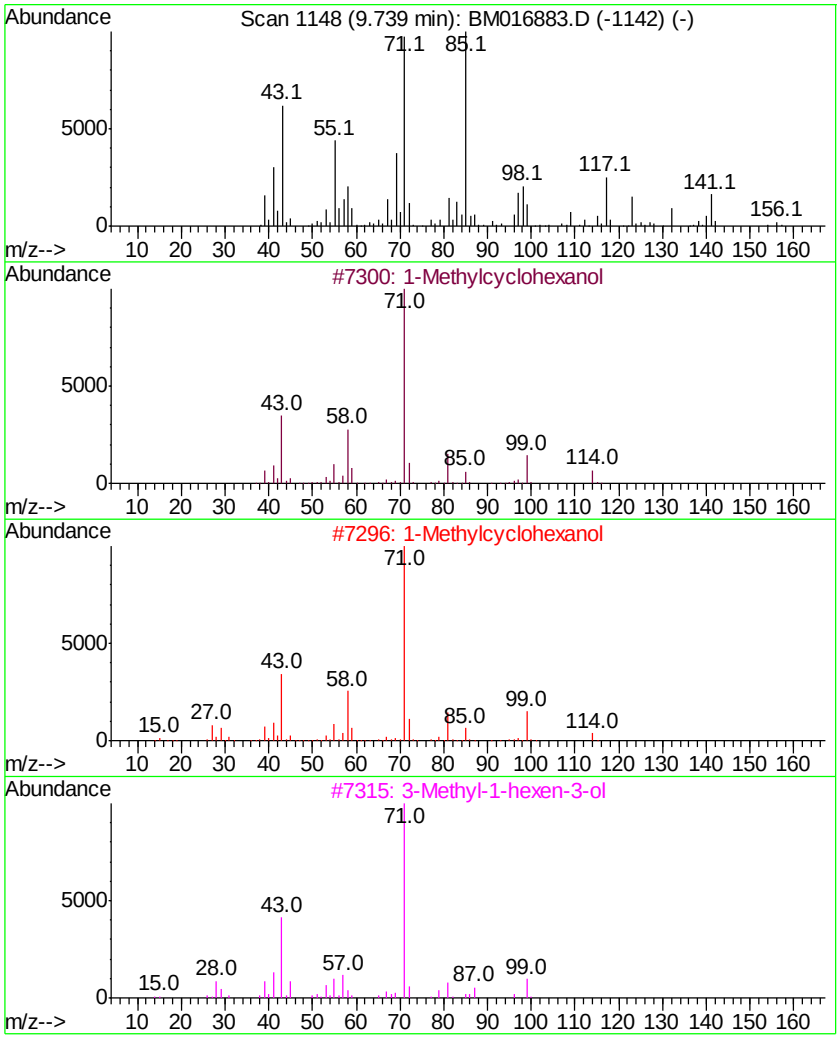
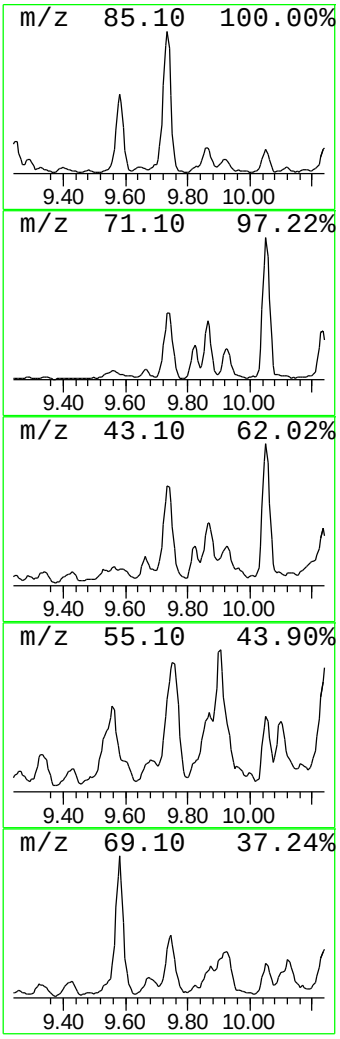
Peak Number 14 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	10.02 ng/ul	1565260	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	27
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	27
3	3-Methyl-1-hexen-3-ol	114	C7H14O	055145-28-3	27
4	1-Methylcyclohexanol	114	C7H14O	000590-67-0	27
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	27





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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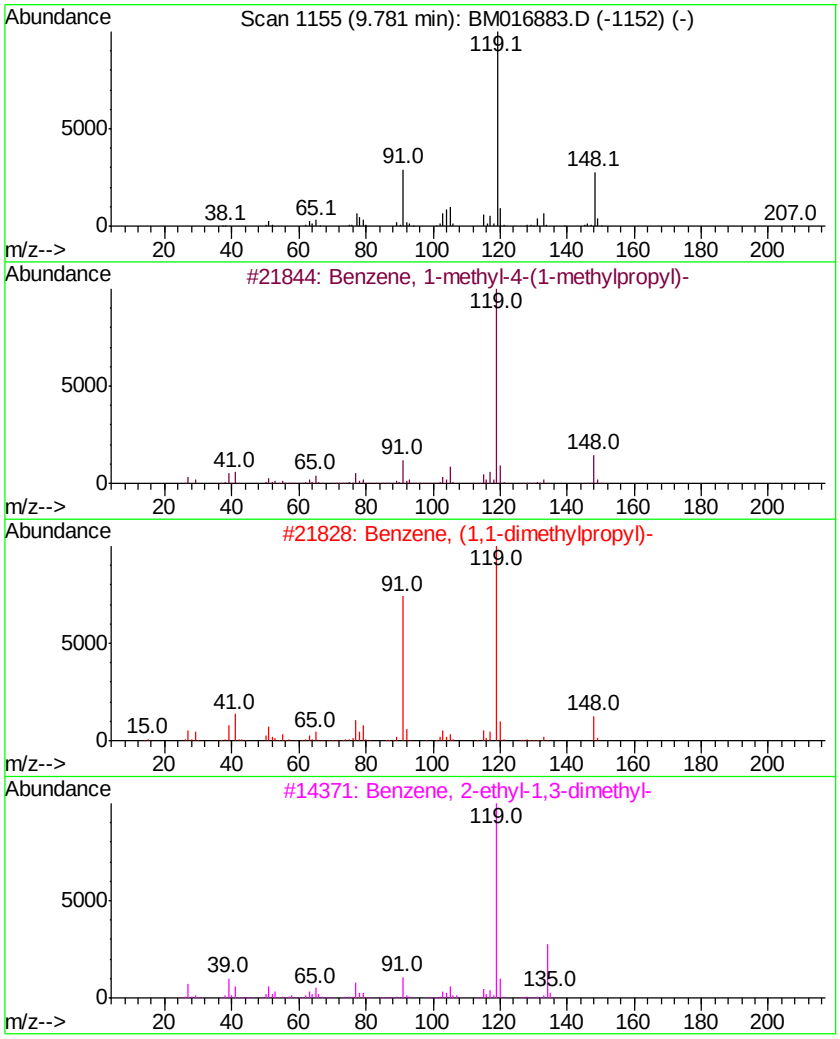
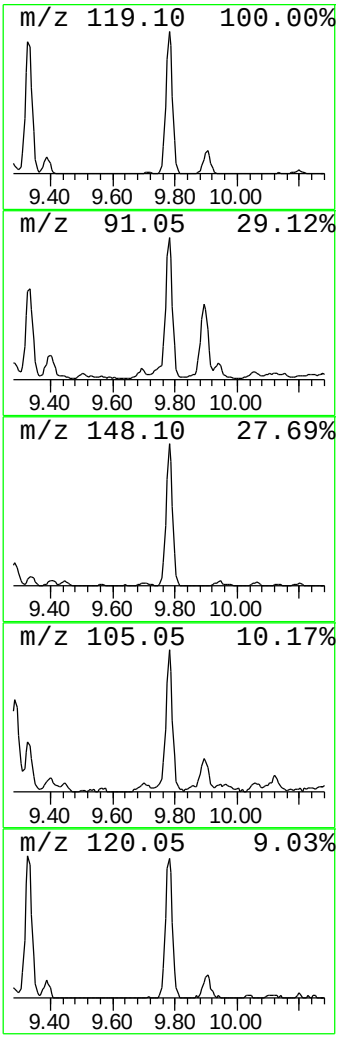
Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	6.30 ng/ul	985001	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
5	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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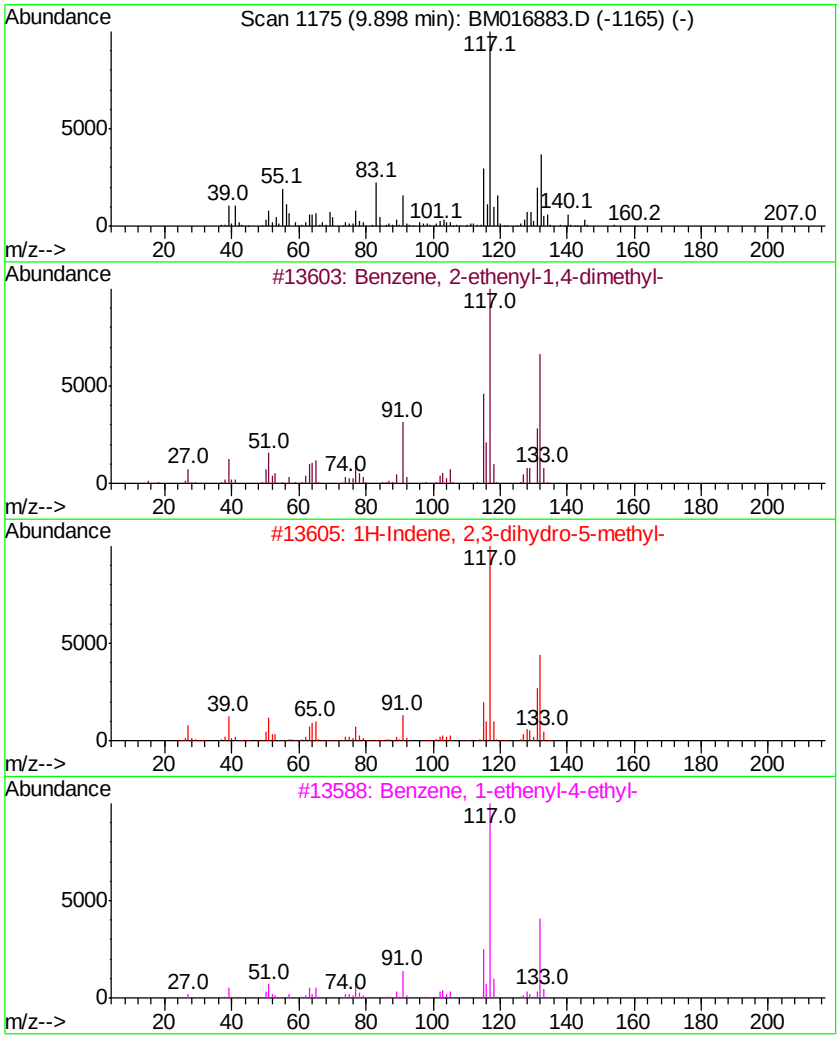
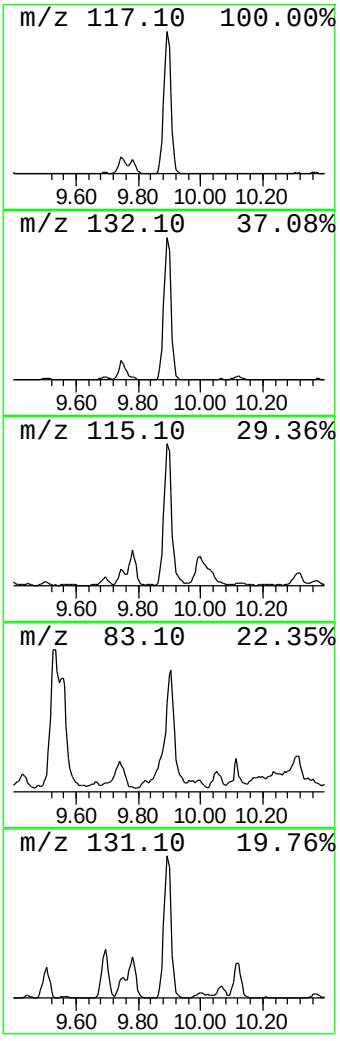
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	20.46 ng/ul	3196420	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
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Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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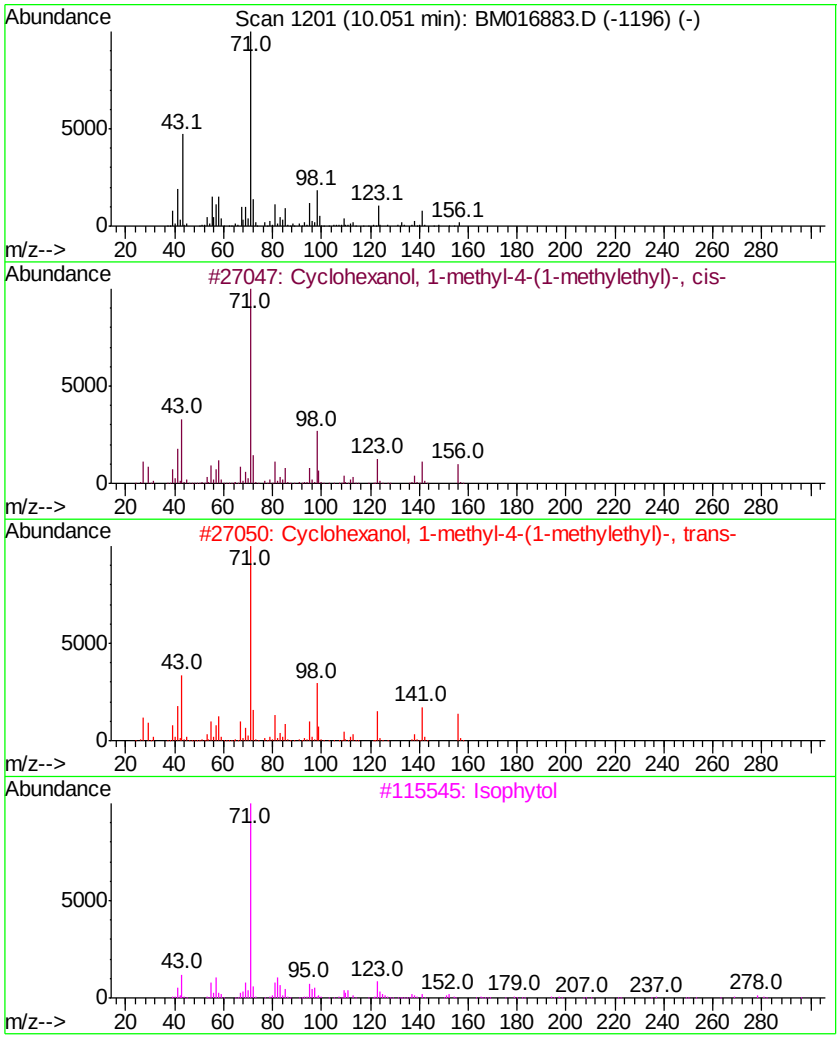
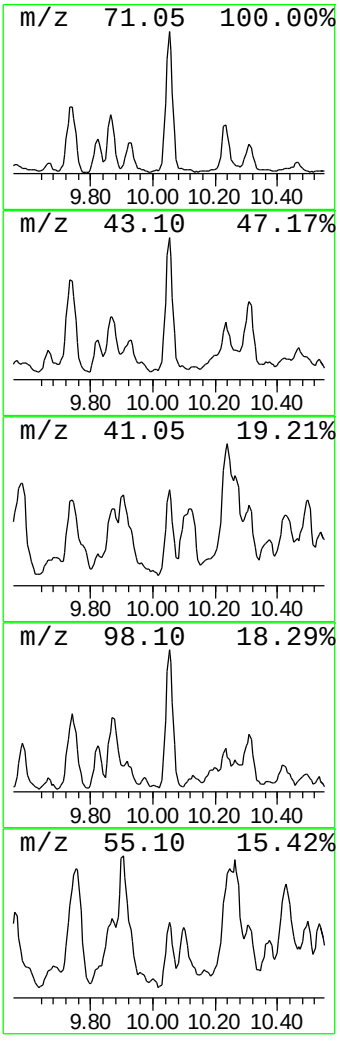
Peak Number 17 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	7.44 ng/ul	1163030	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	91
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	53
3	Isophytol	296	C20H40O	000505-32-8	50
4	2,6-Octadiene-4,5-diol	142	C8H14O2	004486-59-3	47
5	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	47





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Sample : J5014-07
Misc :
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Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

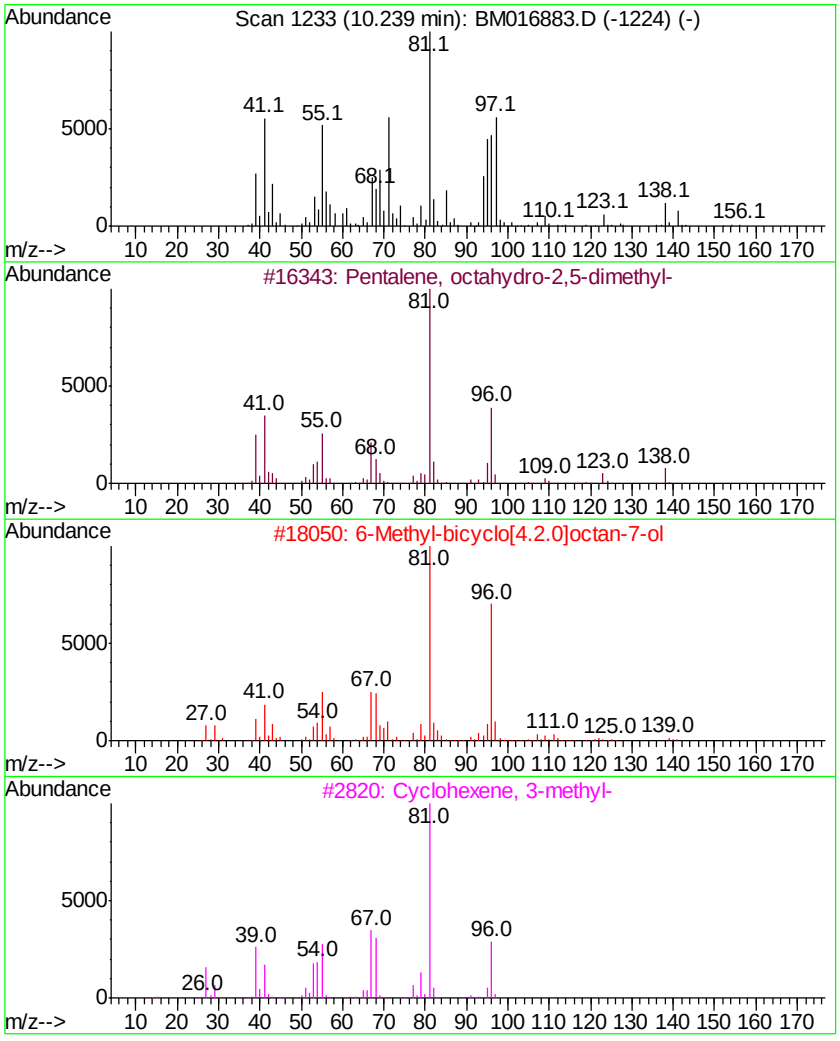
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

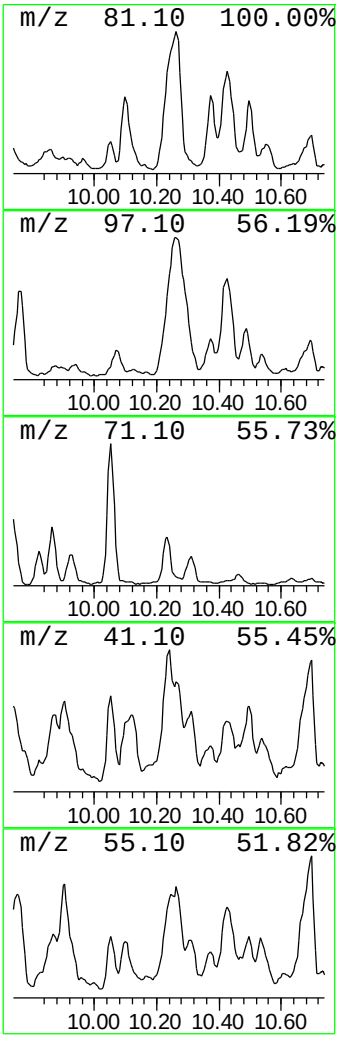
****

Peak Number 18 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	10.18 ng/ul	1590660	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	49
2	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	43
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
4	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	38
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38





Library Search Compound Report

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Operator : SJ/JU
Sample : J5014-07
Misc :
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Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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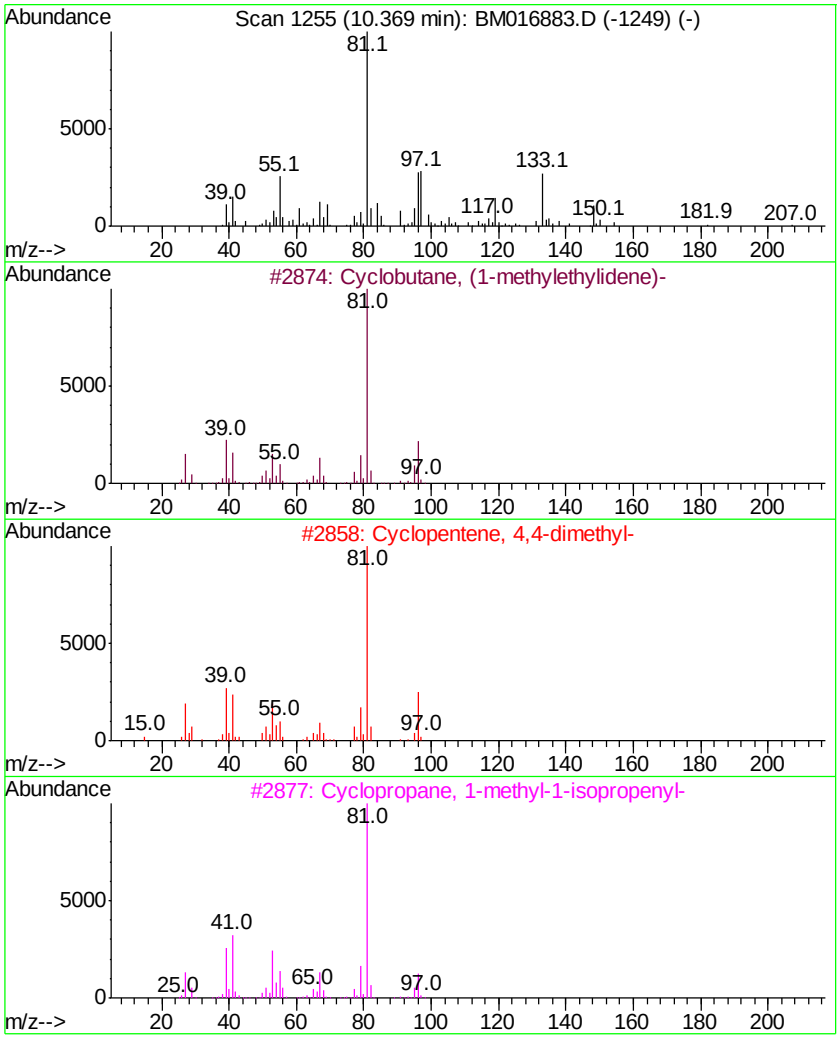
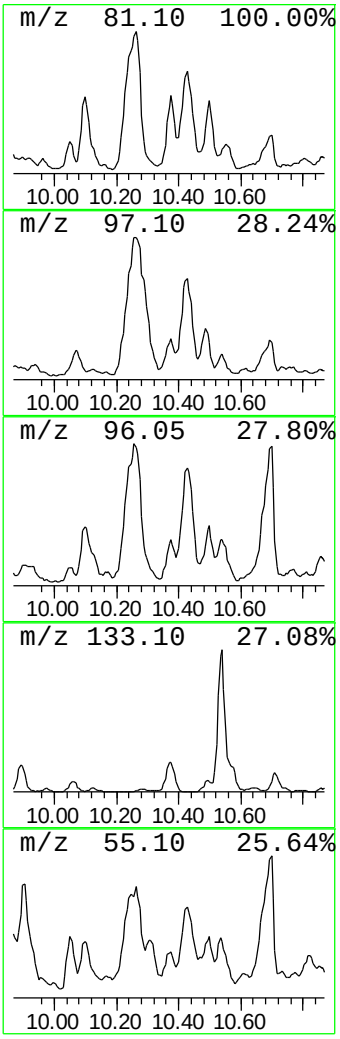
Peak Number 19 unknown-07 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.42 ng/ul	377383	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	43
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	43
4	Acetic acid, 1,4-dimethylpent-4-...	156	C9H16O2	1000186-38-5	43
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	37





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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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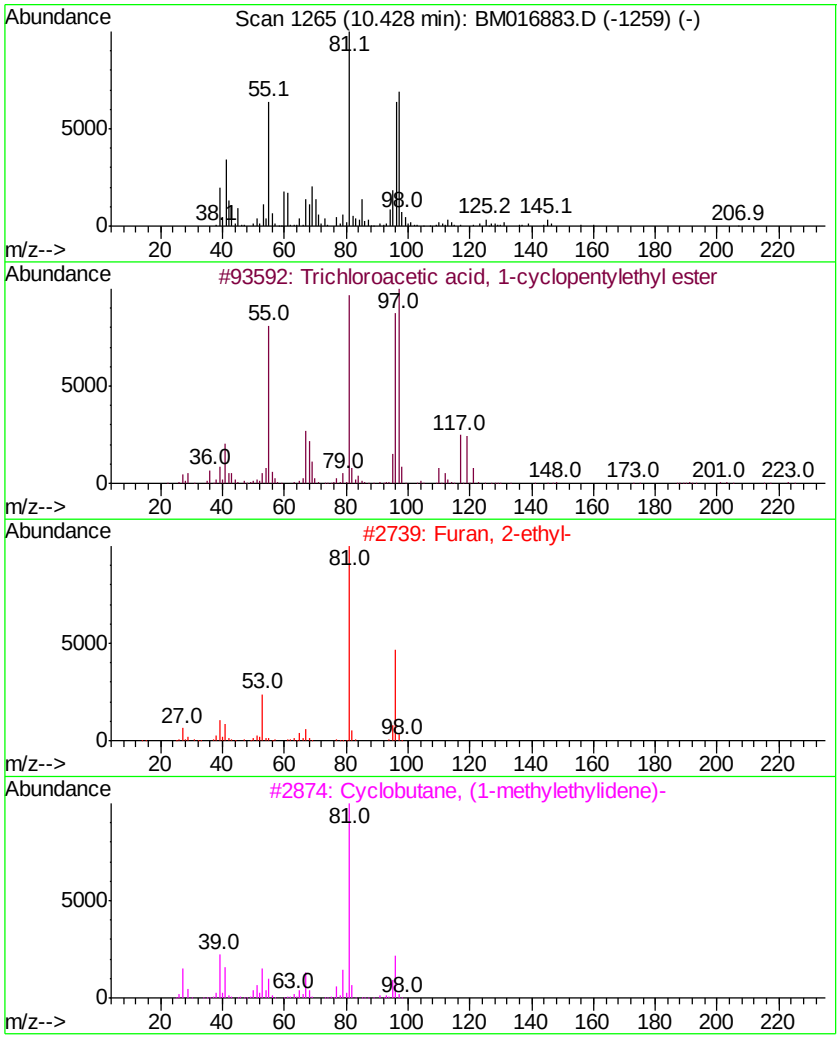
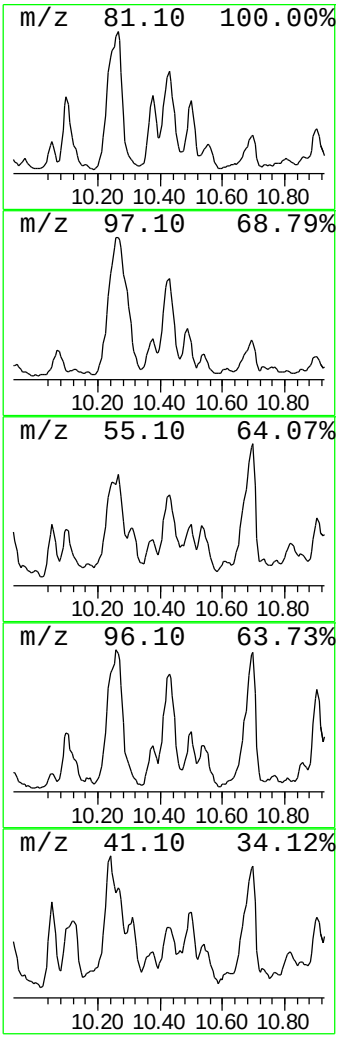
Peak Number 20 Trichloroacetic acid, 1-cyc... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	5.61 ng/ul	877087	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	64
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	47
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	47
4	1,1'-Bicycloheptyl	194	C14H26	023183-11-1	27
5	1,1'-Bicyclohexyl, 4,4'-dimethyl-	194	C14H26	054823-99-3	27





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Operator : SJ/JU
Sample : J5014-07
Misc :
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Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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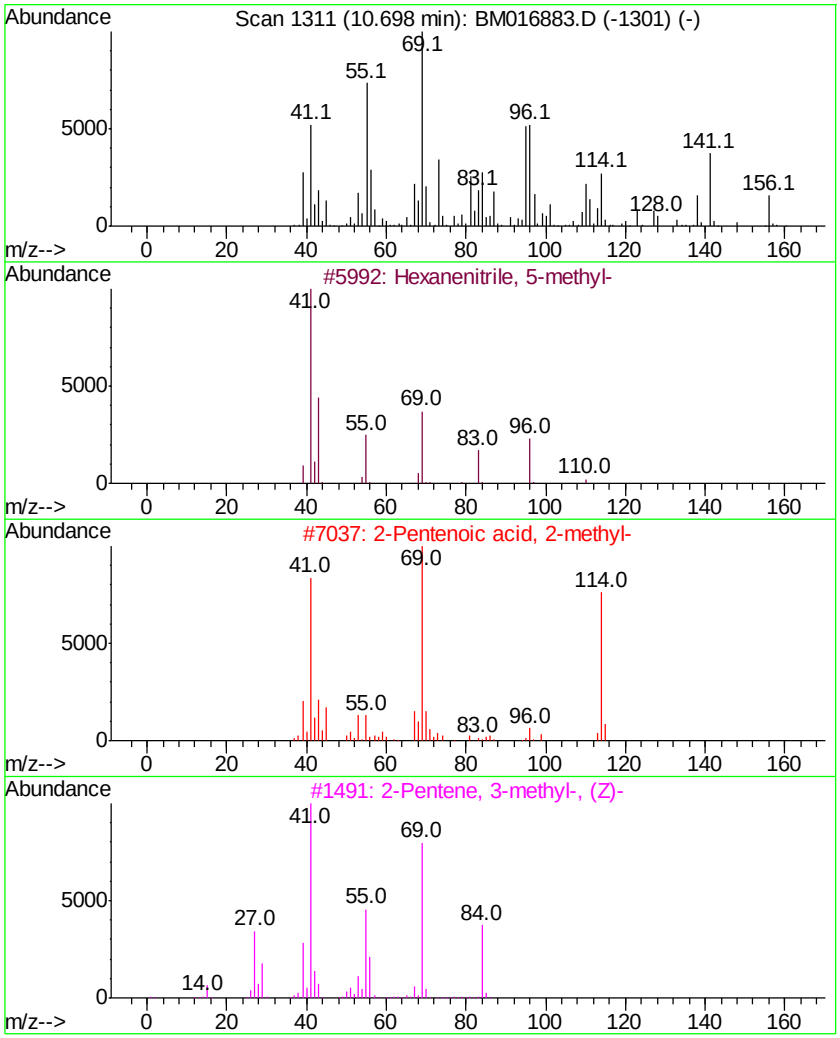
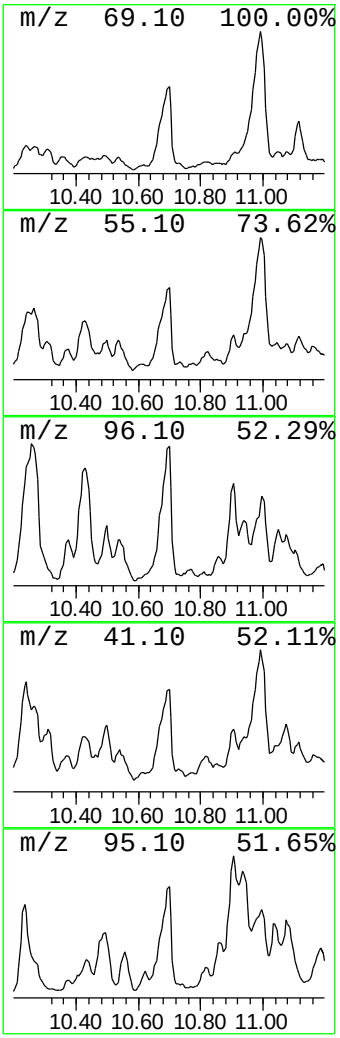
Peak Number 21 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	11.93 ng/ul	1864750	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	35
2	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	27
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
5	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	25





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Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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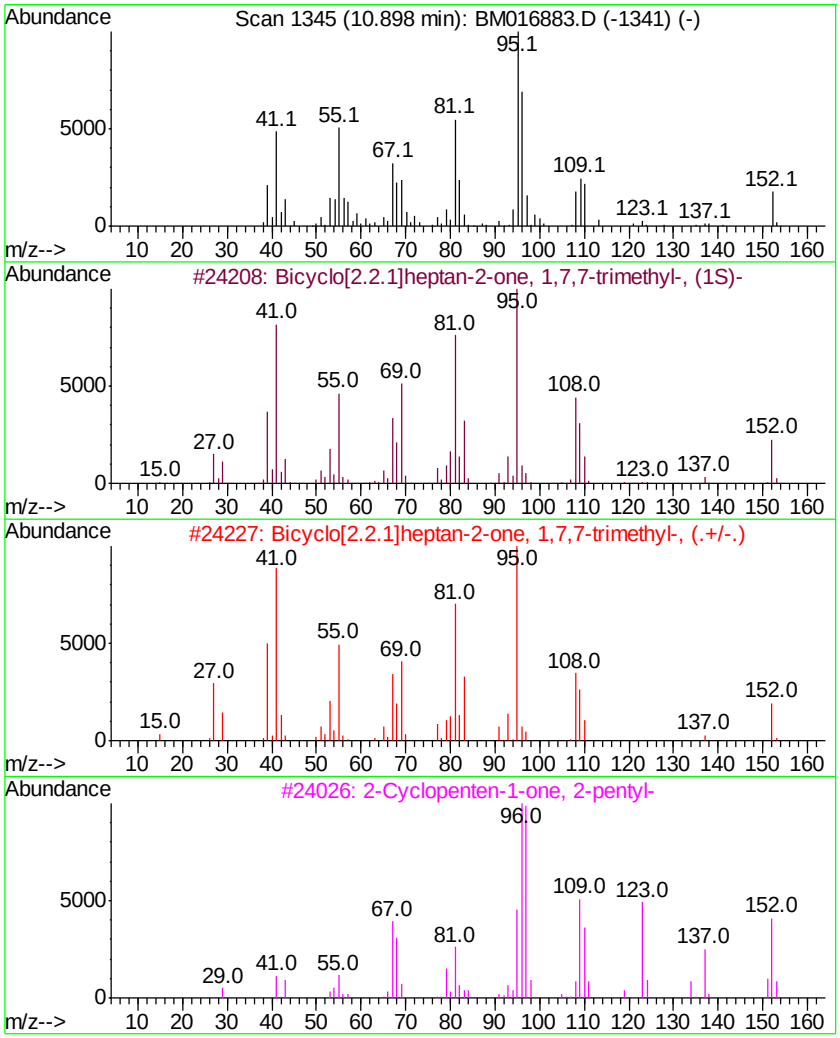
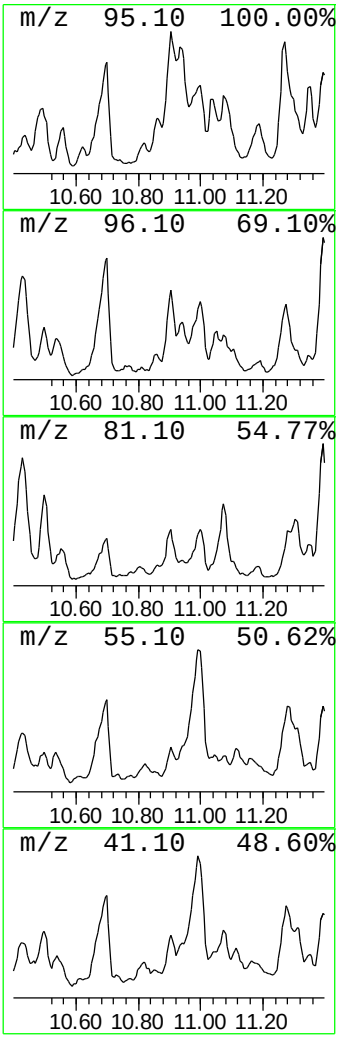
Peak Number 22 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.44 ng/ul	536756	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	50
3	2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	49
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	47
5	Cyclohexane, 1-methyl-4-(2-hydro...	142	C9H18O	004916-87-4	47





Library Search Compound Report

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Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

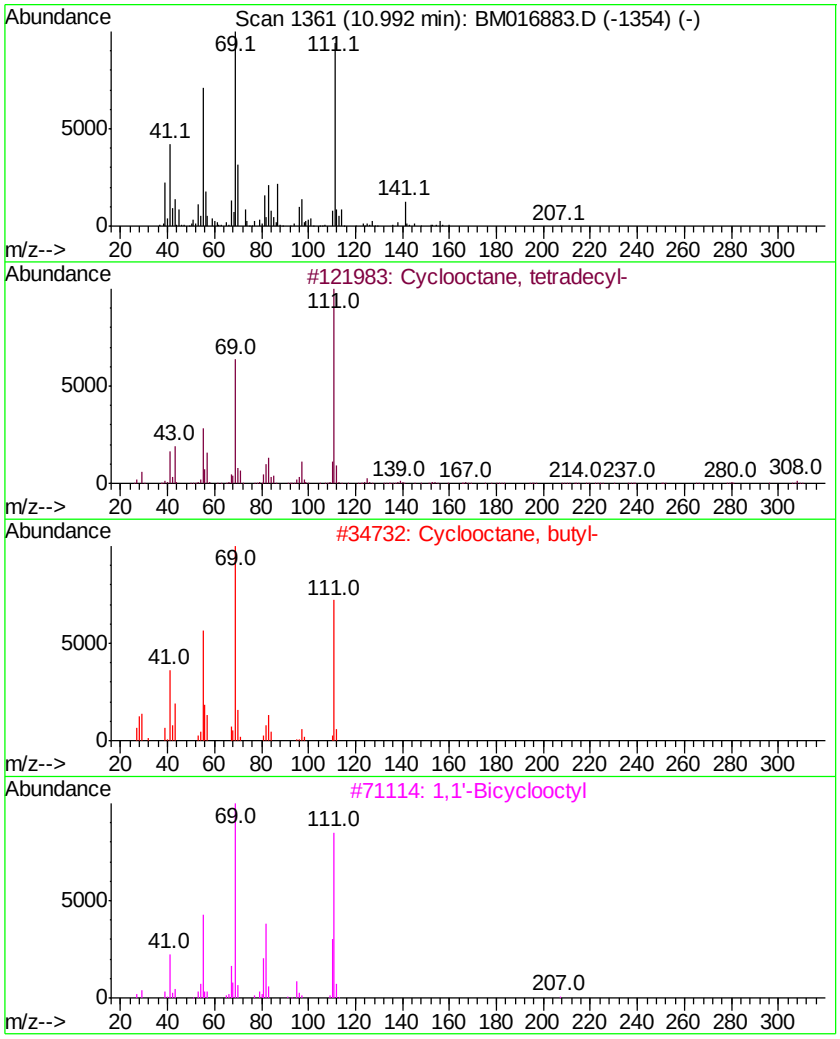
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

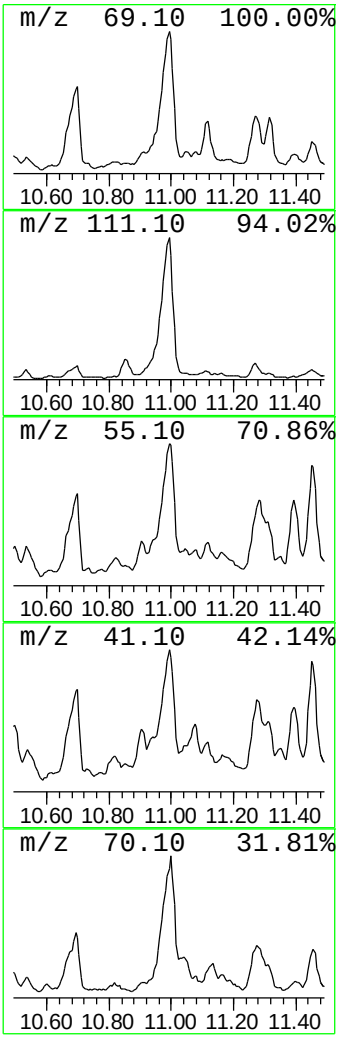
****

Peak Number 23 (DEL) Alkane: Cyclic10.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	15.76 ng/ul	2462350	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	53
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	50
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	50





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Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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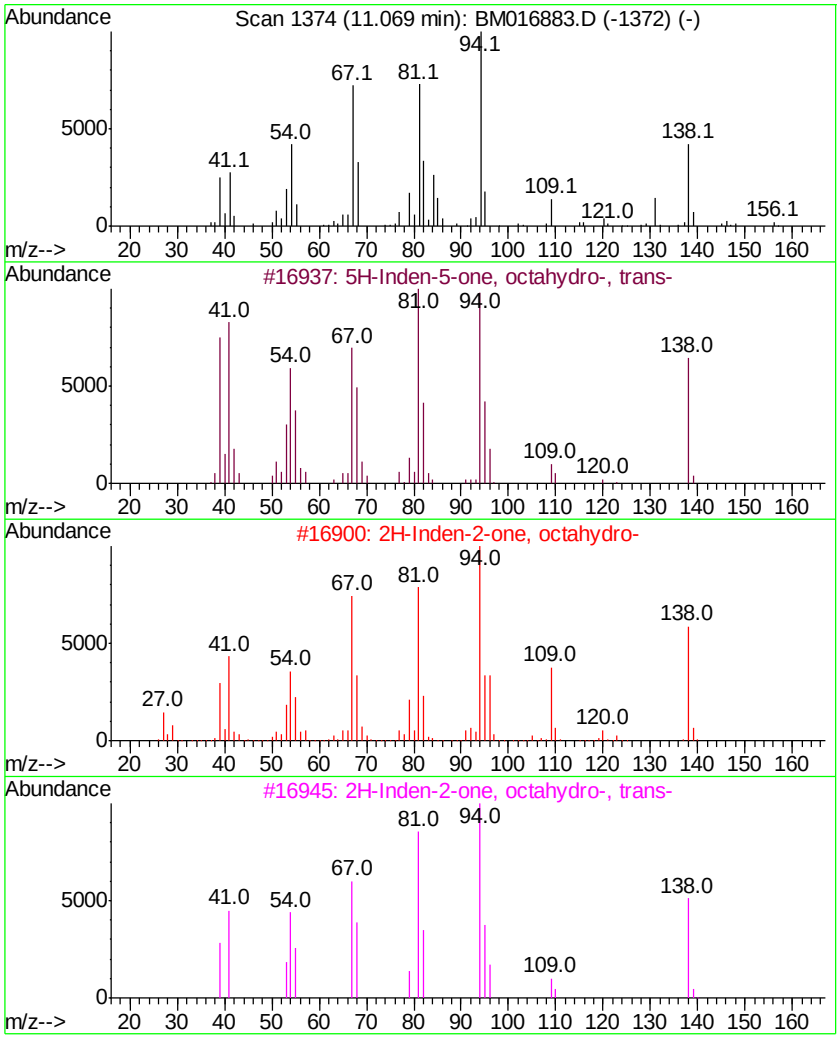
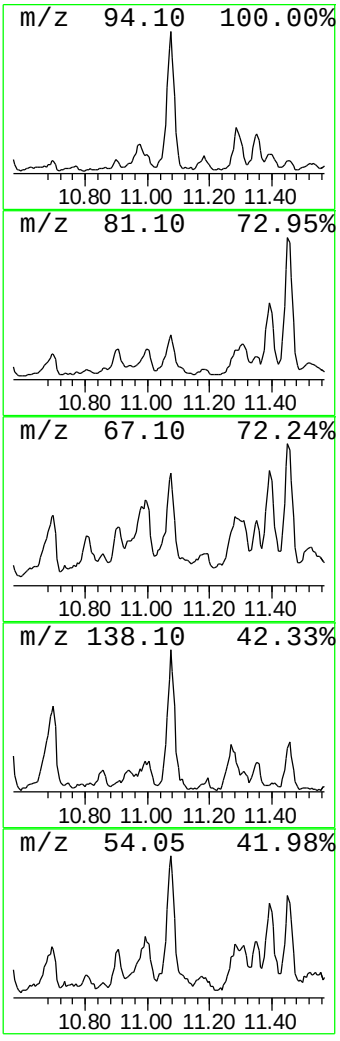
Peak Number 24 5H-Inden-5-one, octahydro-,... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.00 ng/ul	624650	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	90
2	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	90
3	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	90
4	Cyclohexanone, 2-(2-propenyl)-	138	C9H14O	000094-66-6	72
5	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	72





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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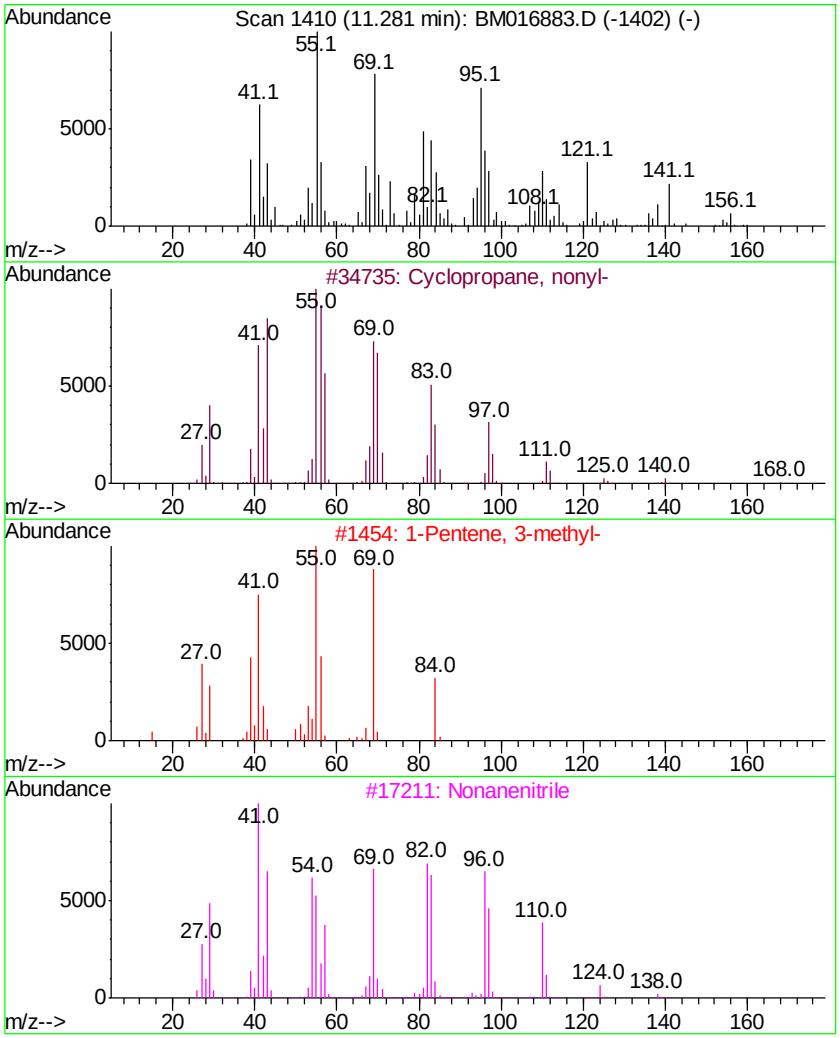
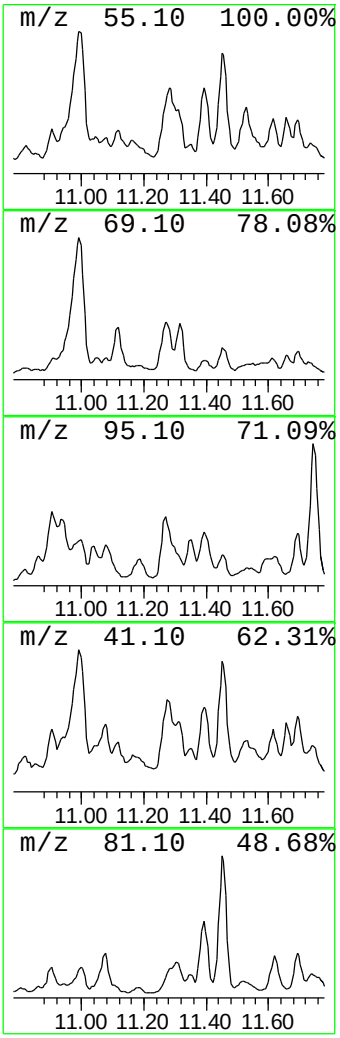
Peak Number 25 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	11.16 ng/ul	1743400	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	38
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35
3	Nonanenitrile	139	C9H17N	002243-27-8	30
4	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	22
5	2-Propenamide, N,N-diethyl-2-met...	141	C8H15NO	005441-99-6	18





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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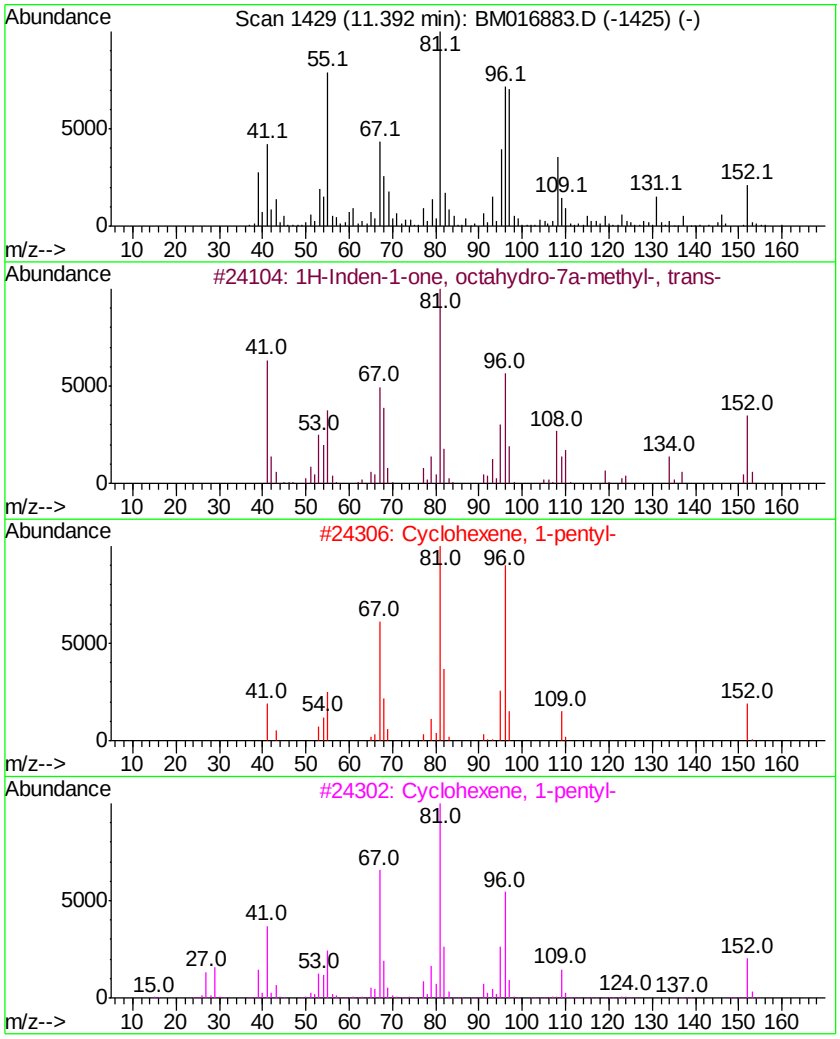
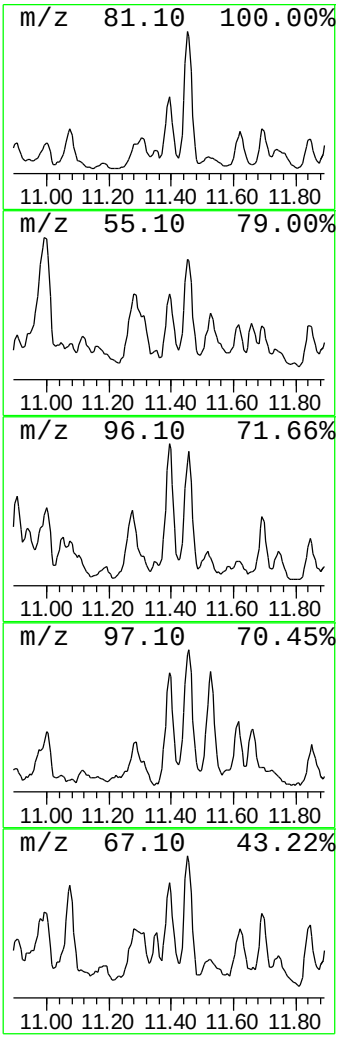
Peak Number 26 1H-Inden-1-one, octahydro-7... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.86 ng/ul	1071510	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	87
2	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	58
3	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	46
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	43
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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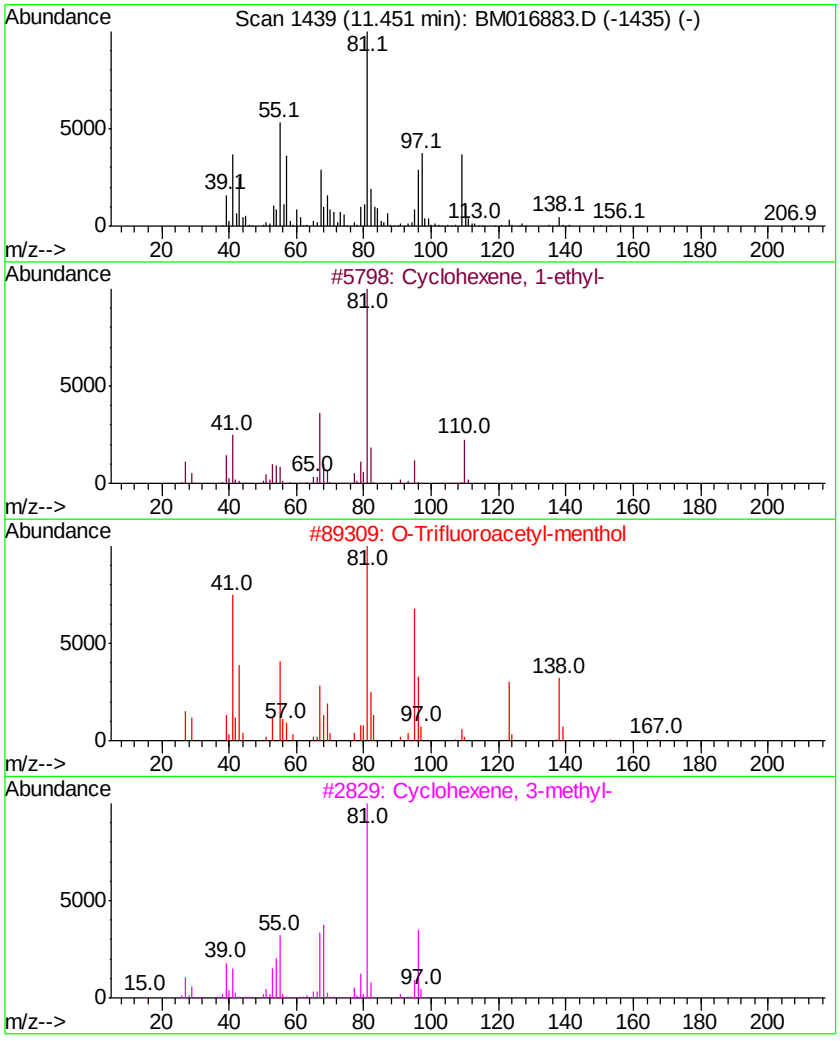
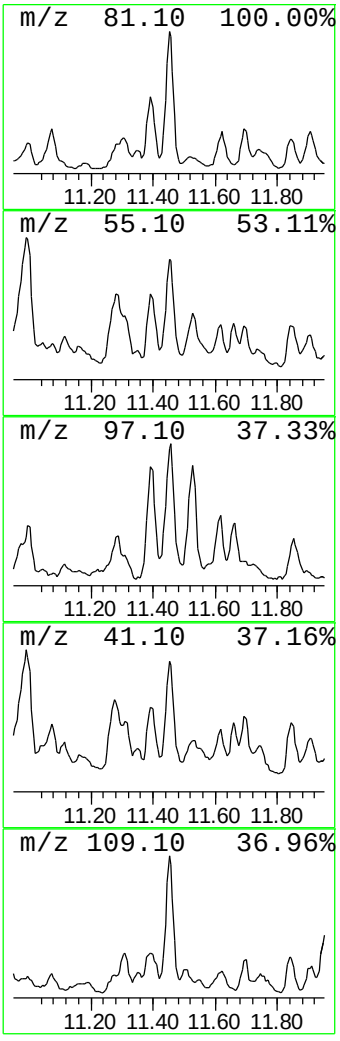
Peak Number 27 Cyclohexene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	10.61 ng/ul	1658200	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	53
2	O-Trifluoroacetyl-menthol	252	C12H19F3O2	028587-50-0	53
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49





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Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

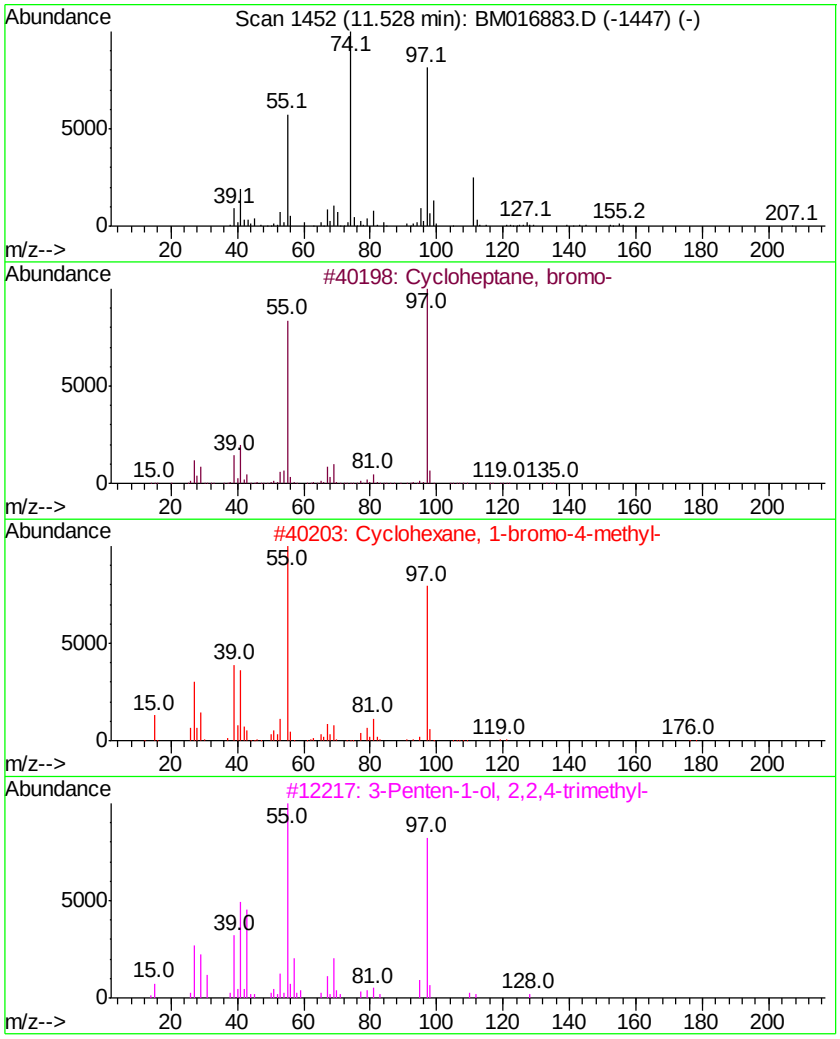
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

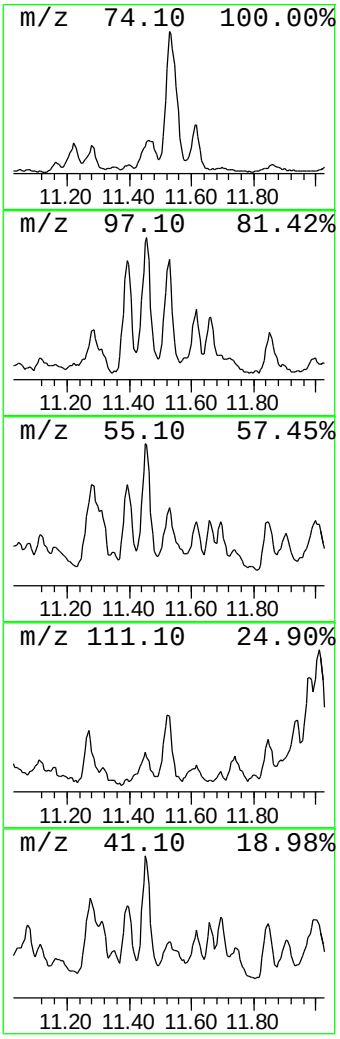
****

Peak Number 28 unknown-10 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.02 ng/ul	472320	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	35
2	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	35
3	3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	35
4	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	35
5	Benzeneacetic acid, 1-cyclopenty...	232	C15H20O2	1000282-63-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

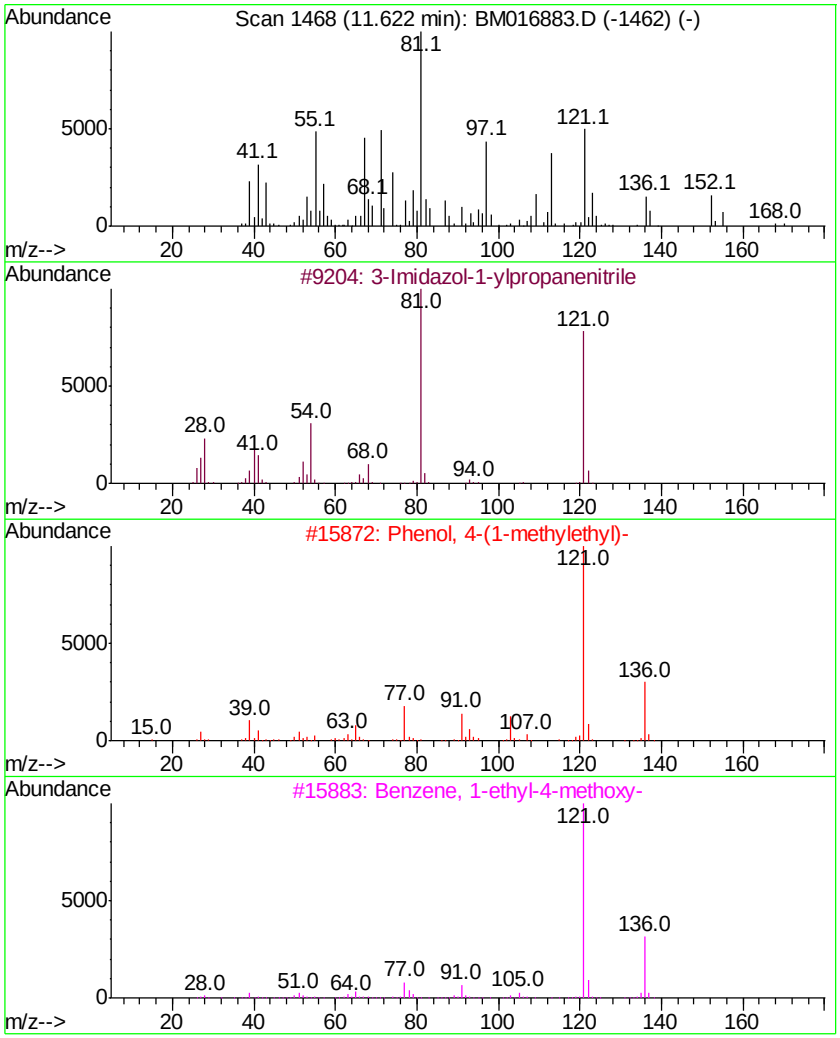
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

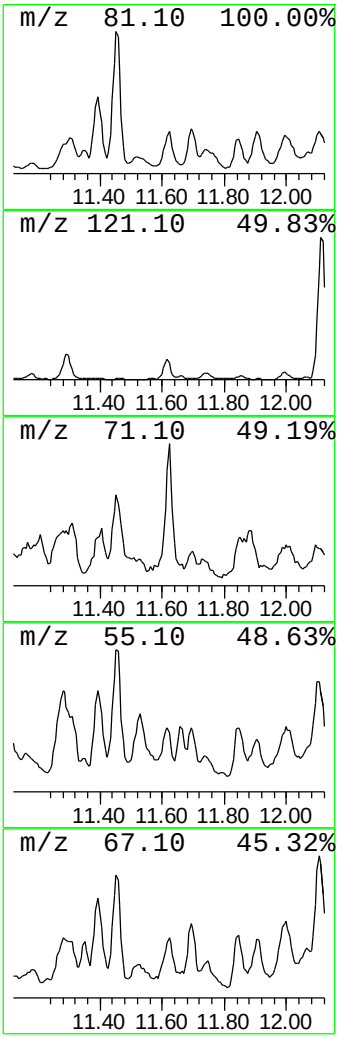
****

Peak Number 29 unknown-11 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.40 ng/ul	530935	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Imidazol-1-ylpropanenitrile	121	C6H7N3	023996-53-4	30
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	25
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	25
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	25
5	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

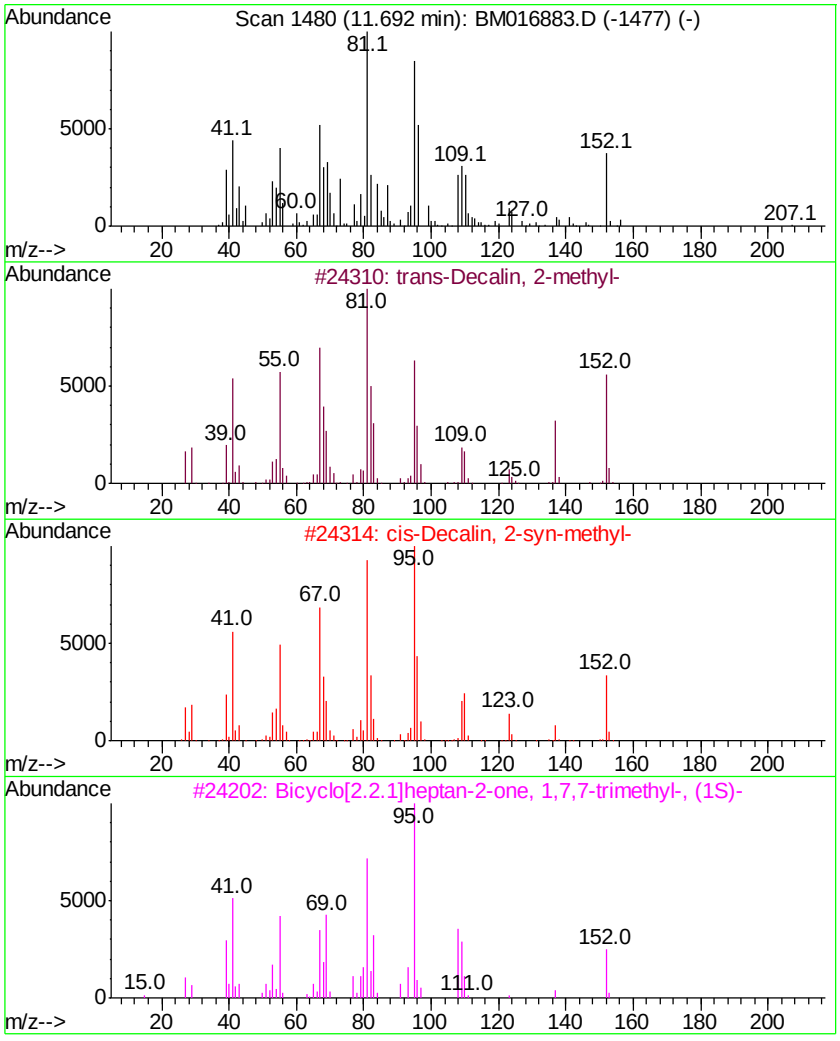
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

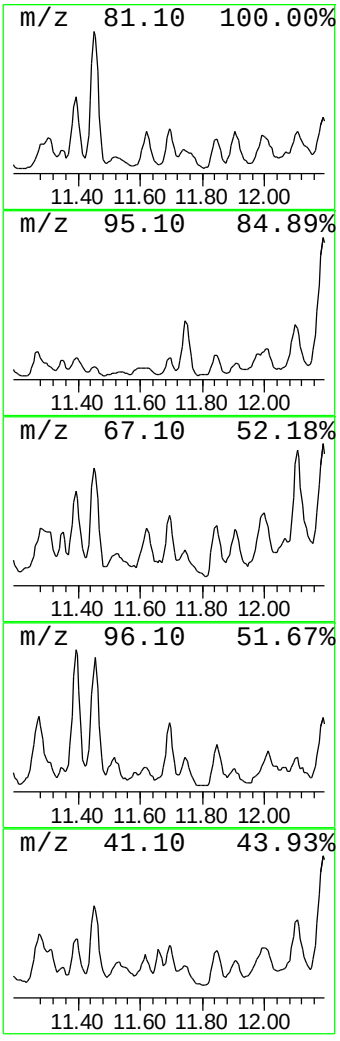
****

Peak Number 30 trans-Decalin, 2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.36 ng/ul	525444	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	58
5	1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

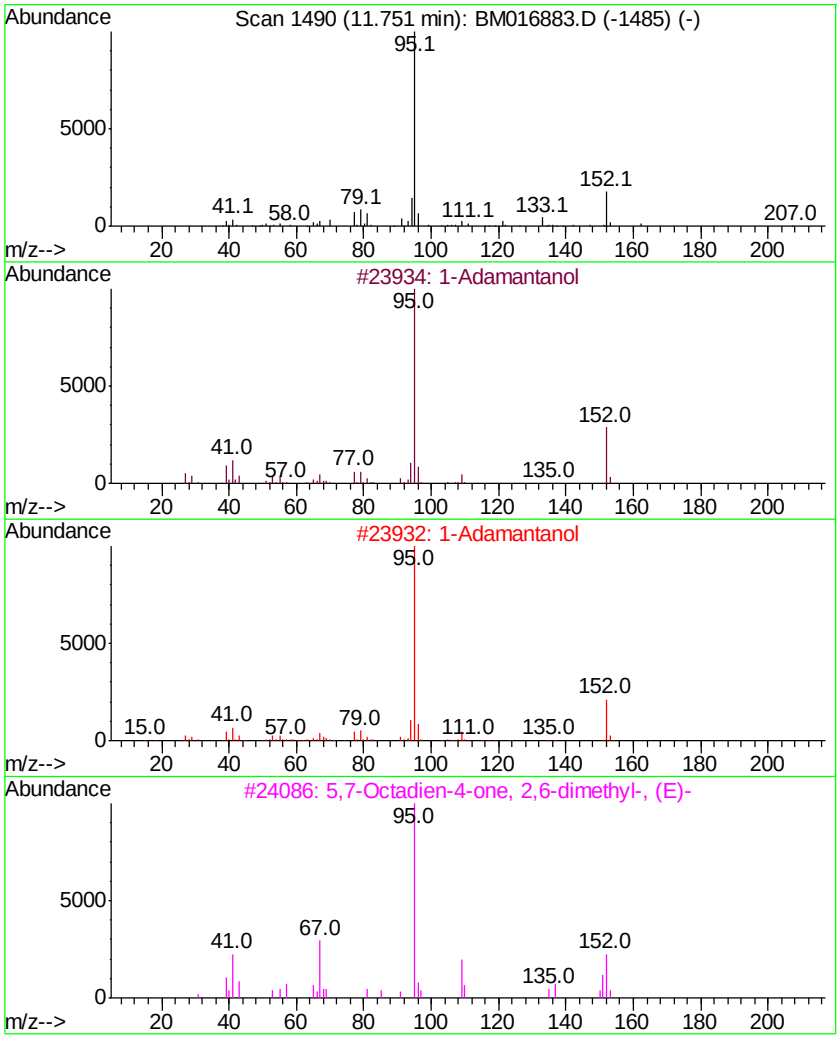
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

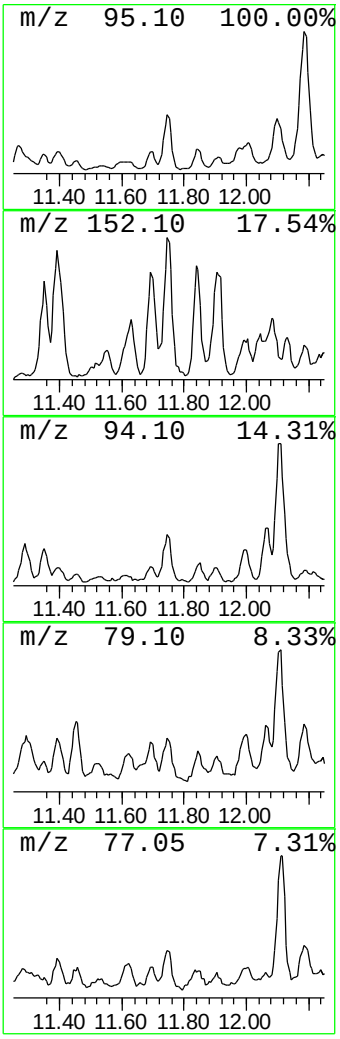
****

Peak Number 31 1-Adamantanol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.93 ng/ul	771077	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	87
2	1-Adamantanol	152	C10H16O	000768-95-6	78
3	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	59
4	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	53
5	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

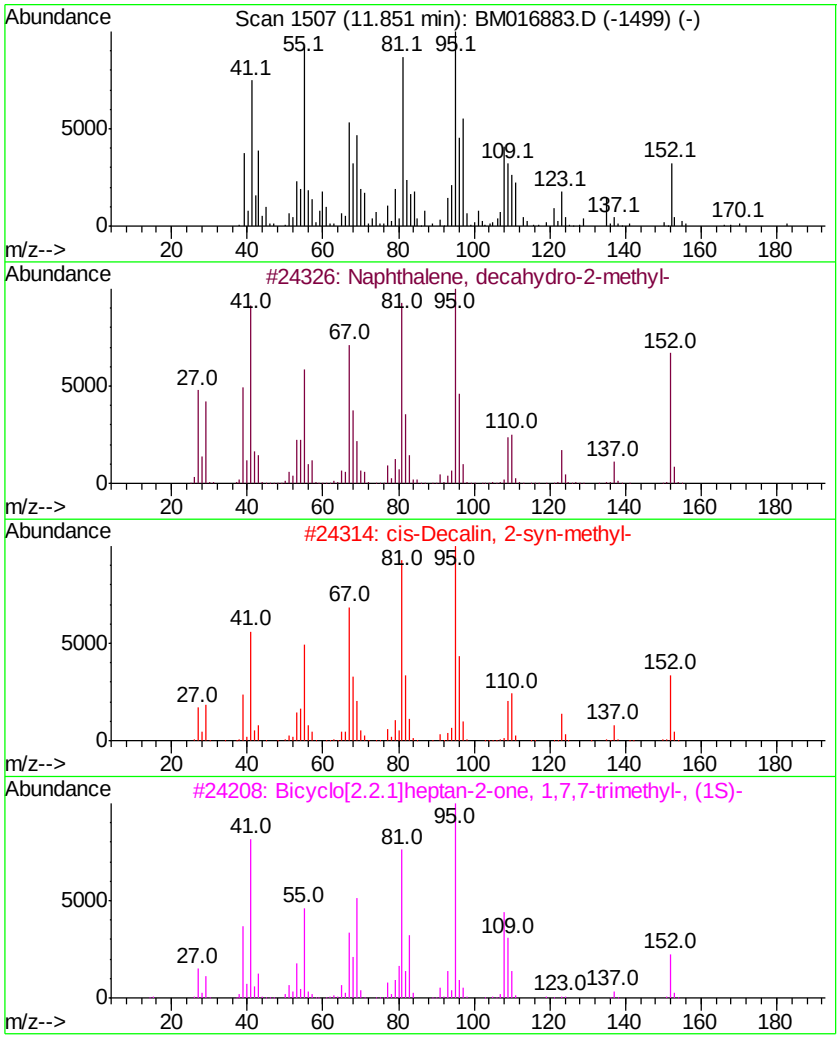
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

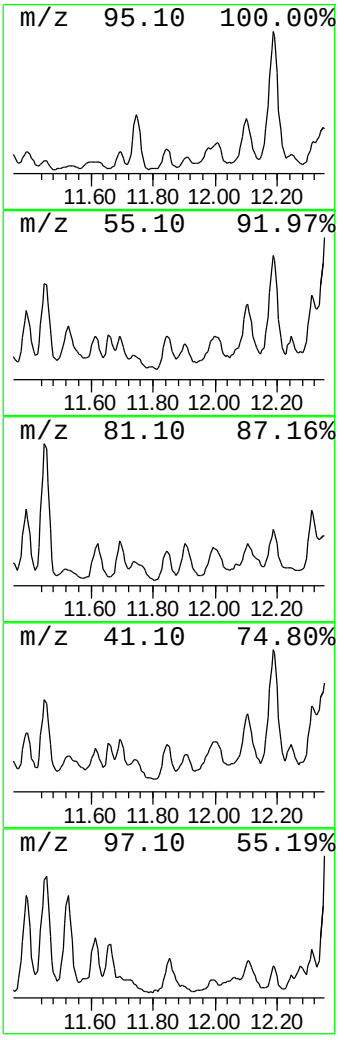
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.31 ng/ul	985917	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74
5	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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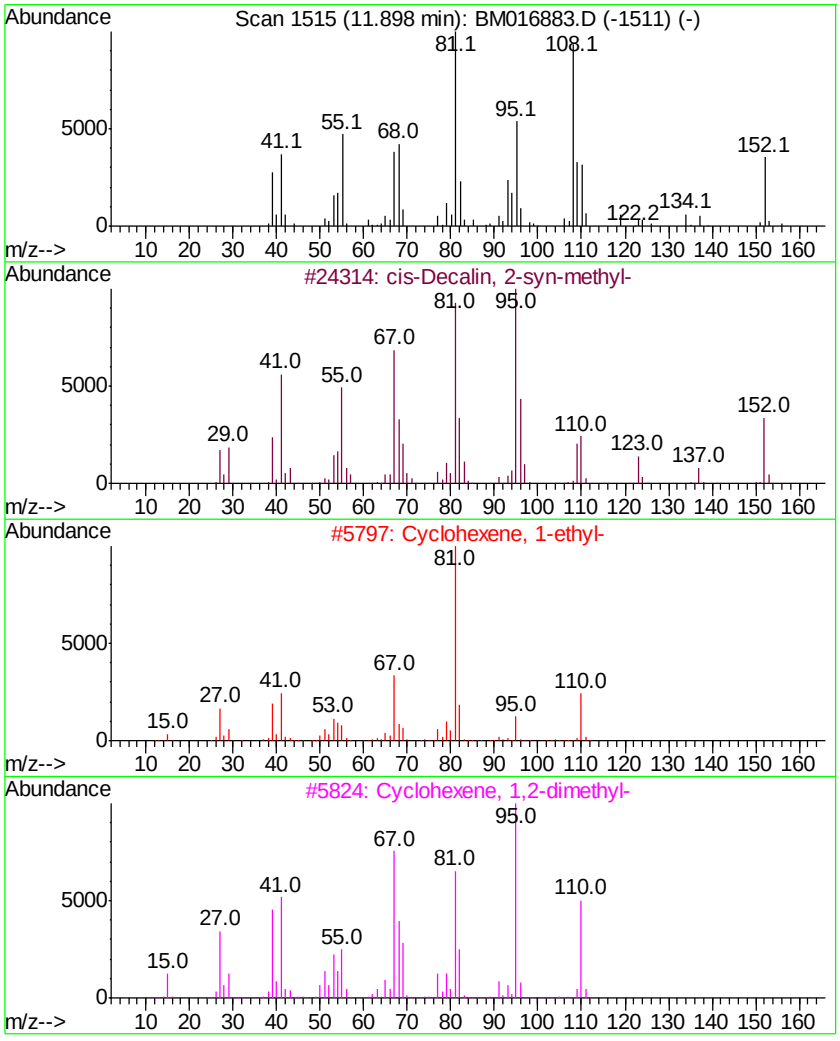
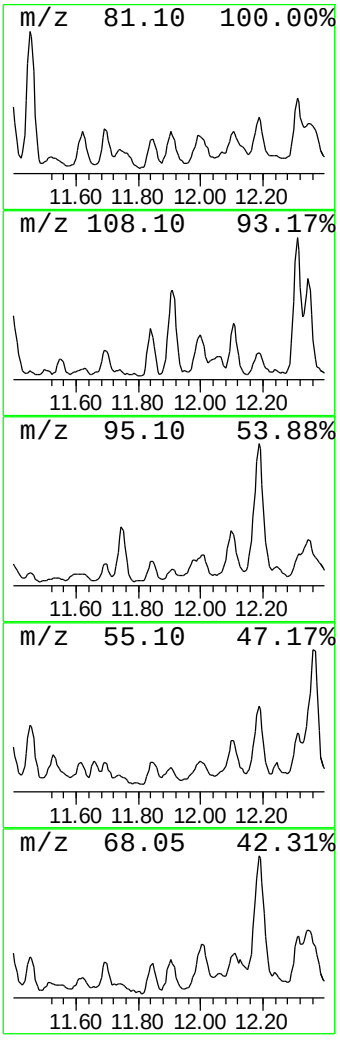
Peak Number 33 unknown-12 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.65 ng/ul	413433	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	43
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
4	3-Cyclopentene-1-acetaldehyde, 2...	152	C10H16O	004501-58-0	38
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

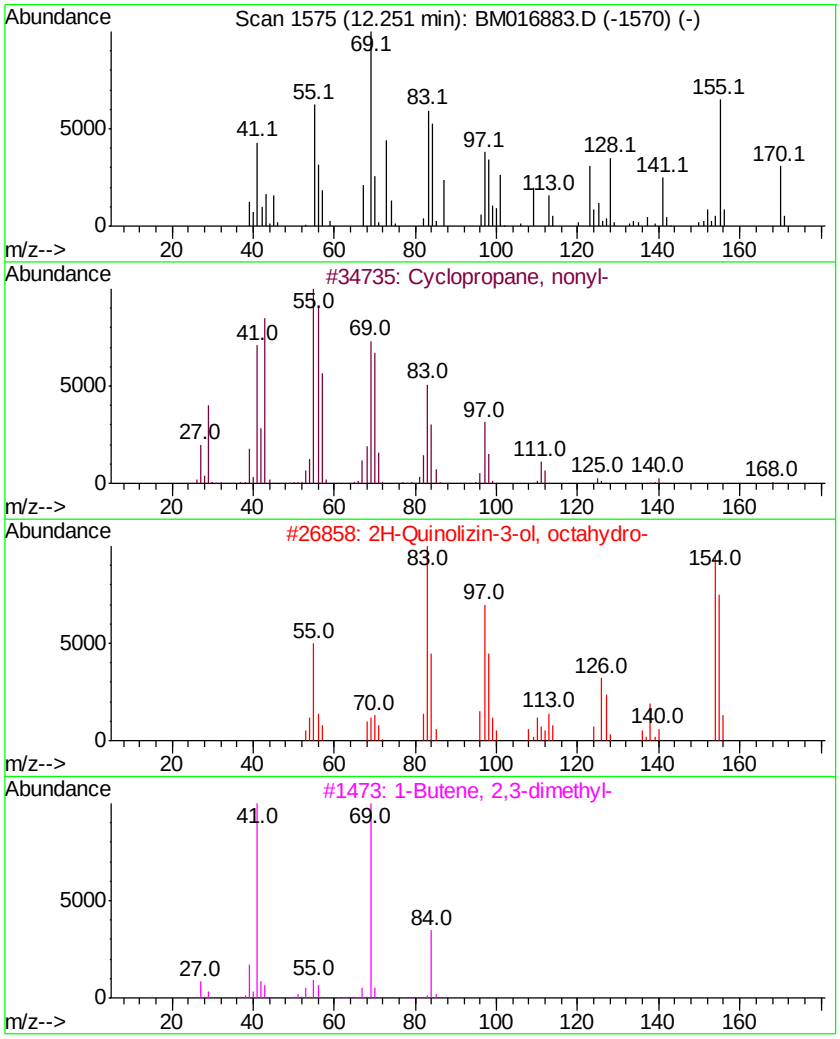
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

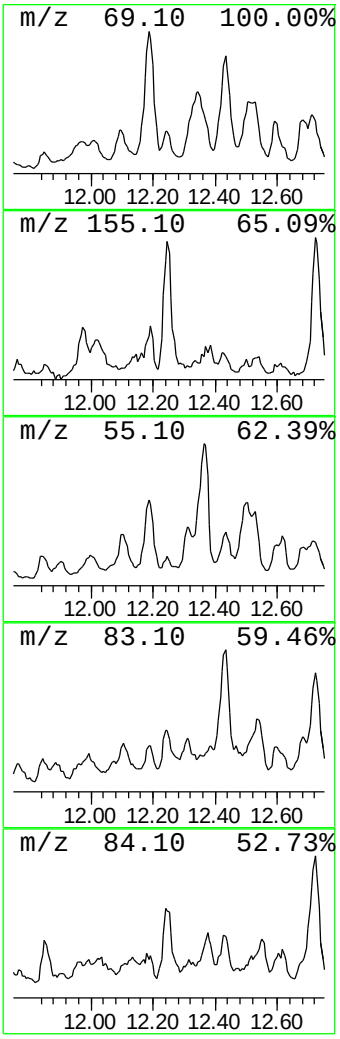
****

Peak Number 37 (DEL) Alkane: Cyclic12.25 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.67 ng/ul	417897	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	43
2	2H-Quinolizin-3-ol, octahydro-	155	C9H17NO	054308-61-1	35
3	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	25
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	25
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

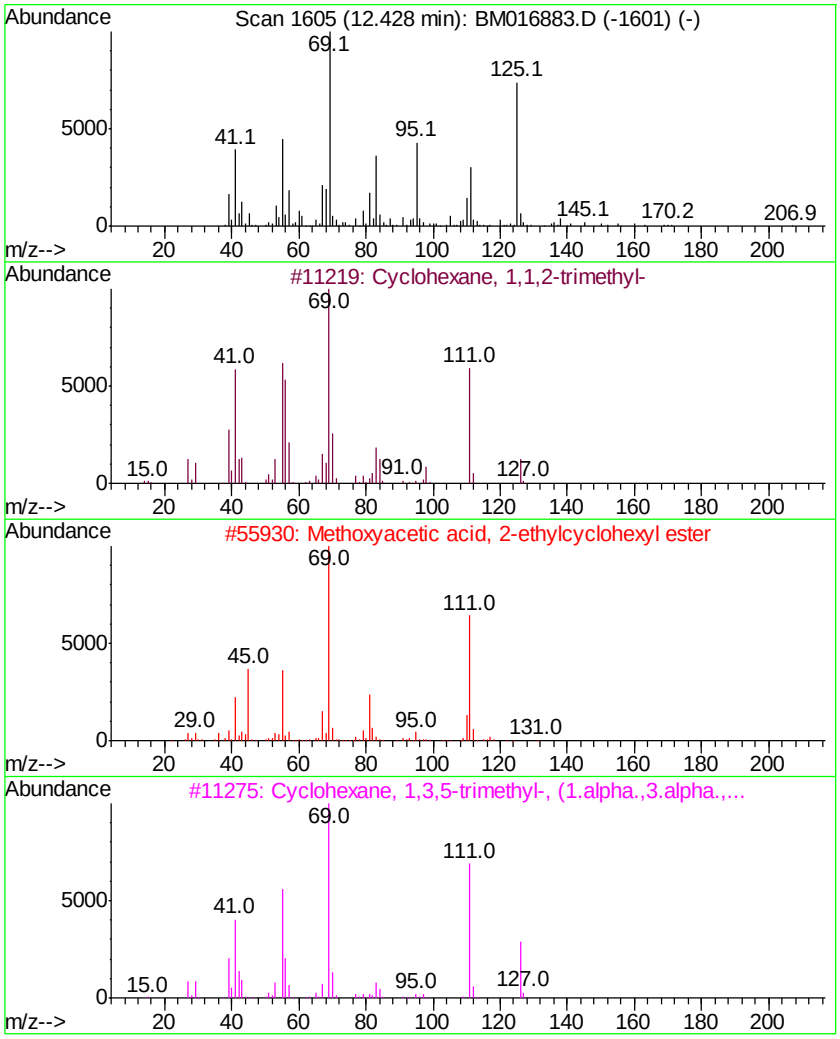
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

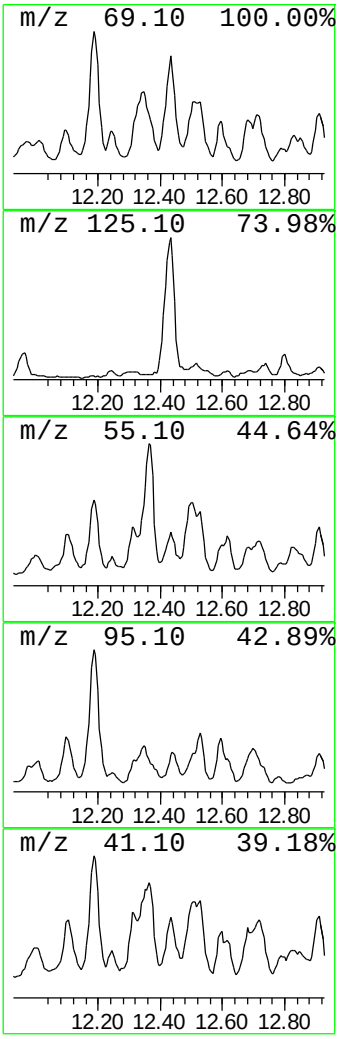
****

Peak Number 40 (DEL) Alkane: Cyclic12.43 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	7.74 ng/ul	1080910	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
2	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	35
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	27
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092418\
Data File : BM016883.D
Acq On : 24 Sep 2018 19:08
Operator : SJ/JU
Sample : J5014-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	10.8	ng/ul	877422	1	7.72	1622450	20.0
unknown-01	8.07	8.5	ng/ul	688721	1	7.72	1622450	20.0
3-Octen-2-ol, 2-m...	8.20	2.9	ng/ul	232772	1	7.72	1622450	20.0
Benzene, 1,4-diet...	8.35	5.2	ng/ul	425425	1	7.72	1622450	20.0
unknown-02	8.60	3.9	ng/ul	318673	1	7.72	1622450	20.0
unknown-03	8.63	3.7	ng/ul	298637	1	7.72	1622450	20.0
Octanoic acid, 2-...	8.74	20.5	ng/ul	1665910	1	7.72	1622450	20.0
unknown-04	8.81	7.1	ng/ul	573411	1	7.72	1622450	20.0
(DEL) Alkane: Cyc...	8.94	2.1	ng/ul	168929	1	7.72	1622450	20.0
(DEL) Alkane: Cyc...	9.05	4.8	ng/ul	385825	1	7.72	1622450	20.0
1H-Indene, 2,3-di...	9.16	2.4	ng/ul	371114	2	10.49	3124990	20.0
Benzene, 1-ethyl-...	9.29	2.1	ng/ul	328488	2	10.49	3124990	20.0
Benzene, 1-ethyl-...	9.33	7.8	ng/ul	1217510	2	10.49	3124990	20.0
unknown-05	9.74	10.0	ng/ul	1565260	2	10.49	3124990	20.0
Benzene, 1-methyl...	9.78	6.3	ng/ul	985001	2	10.49	3124990	20.0
Benzene, 2-etheny...	9.90	20.5	ng/ul	3196420	2	10.49	3124990	20.0
Cyclohexanol, 1-m...	10.05	7.4	ng/ul	1163030	2	10.49	3124990	20.0
unknown-06	10.24	10.2	ng/ul	1590660	2	10.49	3124990	20.0
unknown-07	10.37	2.4	ng/ul	377383	2	10.49	3124990	20.0
Trichloroacetic a...	10.43	5.6	ng/ul	877087	2	10.49	3124990	20.0
unknown-08	10.70	11.9	ng/ul	1864750	2	10.49	3124990	20.0
Bicyclo[2.2.1]hep...	10.90	3.4	ng/ul	536756	2	10.49	3124990	20.0
(DEL) Alkane: Cyc...	10.99	15.8	ng/ul	2462350	2	10.49	3124990	20.0
5H-Inden-5-one, o...	11.07	4.0	ng/ul	624650	2	10.49	3124990	20.0
unknown-09	11.28	11.2	ng/ul	1743400	2	10.49	3124990	20.0
1H-Inden-1-one, o...	11.39	6.9	ng/ul	1071510	2	10.49	3124990	20.0
Cyclohexene, 1-et...	11.45	10.6	ng/ul	1658200	2	10.49	3124990	20.0
unknown-10	11.53	3.0	ng/ul	472320	2	10.49	3124990	20.0
unknown-11	11.62	3.4	ng/ul	530935	2	10.49	3124990	20.0
trans-Decalin, 2-...	11.69	3.4	ng/ul	525444	2	10.49	3124990	20.0
1-Adamantanol	11.75	4.9	ng/ul	771077	2	10.49	3124990	20.0
Naphthalene, deca...	11.85	6.3	ng/ul	985917	2	10.49	3124990	20.0
unknown-12	11.90	2.6	ng/ul	413433	2	10.49	3124990	20.0
(DEL) Alkane: Cyc...	12.25	2.7	ng/ul	417897	2	10.49	3124990	20.0
(DEL) Alkane: Cyc...	12.43	7.7	ng/ul	1080910	3	14.35	2791890	20.0