LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.722	440	448	455	rBV3	179500	358644	3.95%	0.215%
2	6.140	505	519	527	rVB3	94313	279198	3.08%	0.167%
3	6.328	541	551	564	rBV2	363961	757937	8.35%	0.454%
4	6.828	626	636	641	rBV2	187769	358786	3.95%	0.215%
5	7.010	663	667	672	rVV	276021	461097	5.08%	0.276%
6	7.110	678	684	689	rBV	822500	1272035	14.02%	0.761%
7	7.181	689	696	703	rVV	848155	1440755	15.88%	0.862%
8	7.339	716	723	726	rBV	346324	606812	6.69%	0.363%
9	7.381	726	730	736	rVV	1082002	1729620	19.06%	1.035%
10	7.439	736	740	746	rVV	256788	433486	4.78%	0.259%
11	7.745	782	792	798	rVV4	621782	1420860	15.66%	0.850%
12	7.804	798	802	805	rVV2	219108	383527	4.23%	0.229%
13	7.851	805	810	815	rVV	875723	1504906	16.59%	0.901%
14	8.151	857	861	866	rVB	437345	684584	7.55%	0.410%
15	8.222	866	873	881	rBV	1800505	3087683	34.03%	1.848%
16	8.334	886	892	899	rVV	777210	1297216	14.30%	0.776%
17	8.557	920	930	939	rVB2	1058083	2557525	28.19%	1.530%
18	8.886	977	986	991	rBV3	529232	1192512	13.14%	0.714%
19	8.951	991	997	1003	rVV2	2242697	3958610	43.63%	2.369%
20	9.028	1003	1010	1022	rVV2	2131781	4905265	54.06%	2.935%
21	9.192	1030	1038	1042	rVV4	264812	666270	7.34%	0.399%
22	9.233	1042	1045	1051	rVV5	205216	459736	5.07%	0.275%
23	9.298	1051	1056	1061	rVV	468731	835820	9.21%	0.500%
24	9.345	1061	1064	1070	rVB2	172086	265071	2.92%	0.159%
25	9.481	1072	1087	1096	rBV3	2442232	4789622	52.79%	2.866%
26	9.581	1096	1104	1109	rVB5	274798	599717	6.61%	0.359%
27	9.681	1111	1121	1124	rBV3	443613	1034340	11.40%	0.619%
28	9.739	1124	1131	1137	rVB2	1136513	2258840	24.90%	1.352%
29	9.839	1143	1148	1155	rBV6	391002	921182	10.15%	0.551%
30	10.051	1171	1184	1192	rBV3	2362918	4599049	50.69%	2.752%
31	10.280	1213	1223	1230	rVV2	2225512	5141483	56.67%	3.077%
32	10.392	1231	1242	1247	rVB2	985435	2094621	23.09%	1.253%
33	10.498	1254	1260	1266	rBV6	202232	433498	4.78%	0.259%
34	10.569	1267	1272	1276	rVV6	161078	317534	3.50%	0.190%

LSC Area Percent Report

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Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Title : SVOA CALIBRATION

35	10.657	1279	1287	1300	rVV	1830751	4179456	46.06%	2.501%
36	10.763	1300	1305	1308	rVV	237458	430076	4.74%	0.257%
37	10.810	1308	1313	1319	rVB2	505245	1007363	11.10%	0.603%
38	11.022	1344	1349	1352	rBV3	141716	260157	2.87%	0.156%
39	11.104	1352	1363	1370	rVB2	728503	1986839	21.90%	1.189%
40	11.239	1380	1386	1391	rBV2	671983	1150003	12.67%	0.688%
41	11.333	1396	1402	1408	rVV3	213547	423537	4.67%	0.253%
42	11.516	1428	1433	1437	rVV3	275936	488741	5.39%	0.292%
43	11.569	1437	1442	1453	rVB9	217172	622191	6.86%	0.372%
44	11.851	1485	1490	1495	rBV4	157365	304095	3.35%	0.182%
45	11.957	1503	1508	1512	rVV2	245832	413051	4.55%	0.247%
46	12.110	1530	1534	1537	rVV3	258594	414660	4.57%	0.248%
47	12.174	1538	1545	1548	rVV4	440201	908402	10.01%	0.544%
48	12.263	1556	1560	1564	rBV2	461176	660798	7.28%	0.395%
49	12.427	1583	1588	1590	rBV2	278929	458358	5.05%	0.274%
50	12.463	1591	1594	1601	rVB3	745780	1194300	13.16%	0.715%
51	12.539	1602	1607	1613	rBV3	863363	1604685	17.69%	0.960%
52	12.616	1613	1620	1624	rBV2	566006	1398860	15.42%	0.837%
53	12.733	1633	1640	1645	rVB3	374575	857982	9.46%	0.513%
54	12.798	1645	1651	1655	rBV4	586241	1194973	13.17%	0.715%
55	12.851	1657	1660	1666	rVV5	483397	893257	9.84%	0.535%
56	12.916	1666	1671	1676	rVB2	421292	672134	7.41%	0.402%
57	12.980	1676	1682	1684	rBV4	213970	407079	4.49%	0.244%
58	13.027	1684	1690	1696	rVV2	745860	1886164	20.79%	1.129%
59	13.074	1696	1698	1701	rVV4	249088	329413	3.63%	0.197%
60	13.110	1701	1704	1708	rVV	289600	397987	4.39%	0.238%
61	13.157	1708	1712	1715	rVV2	264474	424693	4.68%	0.254%
62	13.198	1715	1719	1727	rVV2	610681	1322061	14.57%	0.791%
63	13.263	1727	1730	1735	rVV3	247280	427956	4.72%	0.256%
64	13.327	1735	1741	1743	rVV4	333744	679298	7.49%	0.406%
65	13.363	1744	1747	1751	rVV2	369478	644421	7.10%	0.386%
66	13.445	1755	1761	1766	rVV6	413929	1297483	14.30%	0.776%
67	13.492	1766	1769	1773	rVV2	446343	627715	6.92%	0.376%
68	13.768	1807	1816	1827	rVV	2316227	5499882	60.62%	3.291%
69	13.851	1828	1830	1833	rVV4	204231	337364	3.72%	0.202%
70	13.904	1834	1839	1849	rVB	3206738	4974067	54.82%	2.976%
71	14.033	1857	1861	1867	rBV3	305346	549676	6.06%	0.329%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Title : SVOA CALIBRATION

72	14.110	1868	1874	1875	rVV5	195268	367358	4.05%	0.220%
73	14.151	1876	1881	1884	rVV	967619	1653878	18.23%	0.990%
74	14.192	1884	1888	1902	rVV	3645960	5865103	64.64%	3.510%
75	14.321	1902	1910	1922	rVB4	801898	1798762	19.82%	1.076%
76	14.457	1927	1933	1936	rVV	771626	1233776	13.60%	0.738%
77	14.498	1936	1940	1948	rVB2	2257362	3432549	37.83%	2.054%
78	14.627	1958	1962	1966	rBV	333016	494076	5.45%	0.296%
79	14.668	1966	1969	1970	rVV	319235	354743	3.91%	0.212%
80	14.692	1970	1973	1981	rVB2	521974	944487	10.41%	0.565%
81	14.763	1981	1985	1991	rVB4	166134	284003	3.13%	0.170%
82	14.886	2000	2006	2010	rBV	576091	953072	10.50%	0.570%
83	14.974	2018	2021	2026	rVB	227516	310049	3.42%	0.186%
84	15.092	2031	2041	2045	rVV	2314086	3748423	41.31%	2.243%
85	15.145	2046	2050	2056	rVV	453975	720845	7.94%	0.431%
86	15.204	2056	2060	2068	rVB4	133640	279297	3.08%	0.167%
87	15.492	2102	2109	2114	rBV	4602946	6514114	71.79%	3.898%
88	15.562	2117	2121	2123	rVV	418020	615701	6.79%	0.368%
89	15.615	2123	2130	2141	rVV2	1602615	2796813	30.82%	1.674%
90	15.710	2142	2146	2154	rVB	260131	396400	4.37%	0.237%
91	16.274	2239	2242	2251	rVB	225689	341174	3.76%	0.204%
92	17.239	2401	2406	2413	rBV2	2618024	3773645	41.59%	2.258%
93	17.339	2417	2423	2432	rBV	4812602	7021160	77.38%	4.201%
94	18.121	2552	2556	2562	rBV	243334	361239	3.98%	0.216%
95	19.398	2769	2773	2785	rVB	449773	619780	6.83%	0.371%
96	19.633	2807	2813	2822	rBV	6632166	8790258	96.88%	5.260%
97	20.350	2931	2935	2939	rBV	310920	422277	4.65%	0.253%
98	21.415	3111	3116	3125	rBV	3843948	4876425	53.74%	2.918%
99	23.591	3478	3486	3503	rVB2	4481097	9073265	100.00%	5.429%
100	23.738	3504	3511	3521	rVB2	2357192	4636204	51.10%	2.774%

Sum of corrected areas: 167115894

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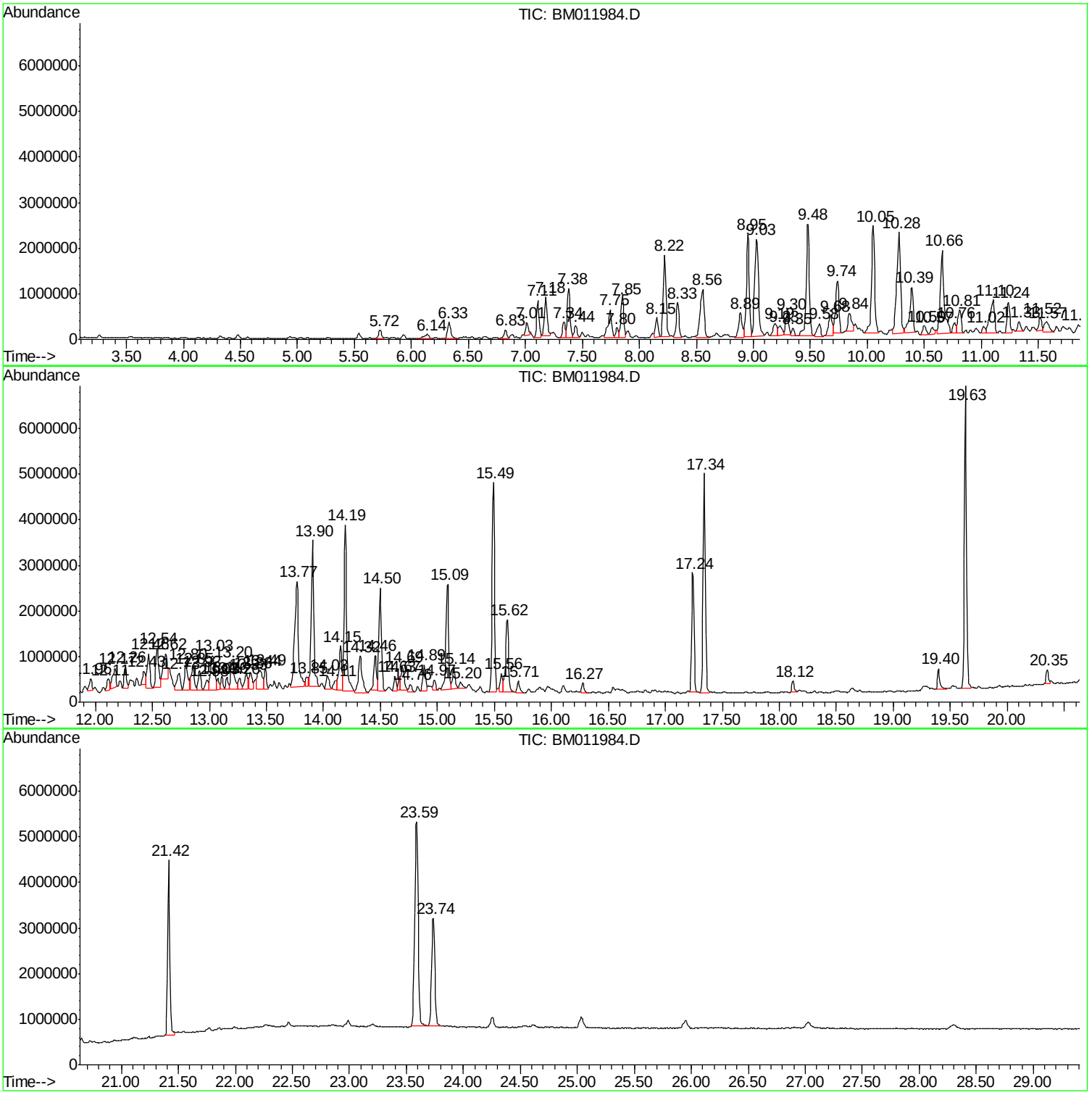
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

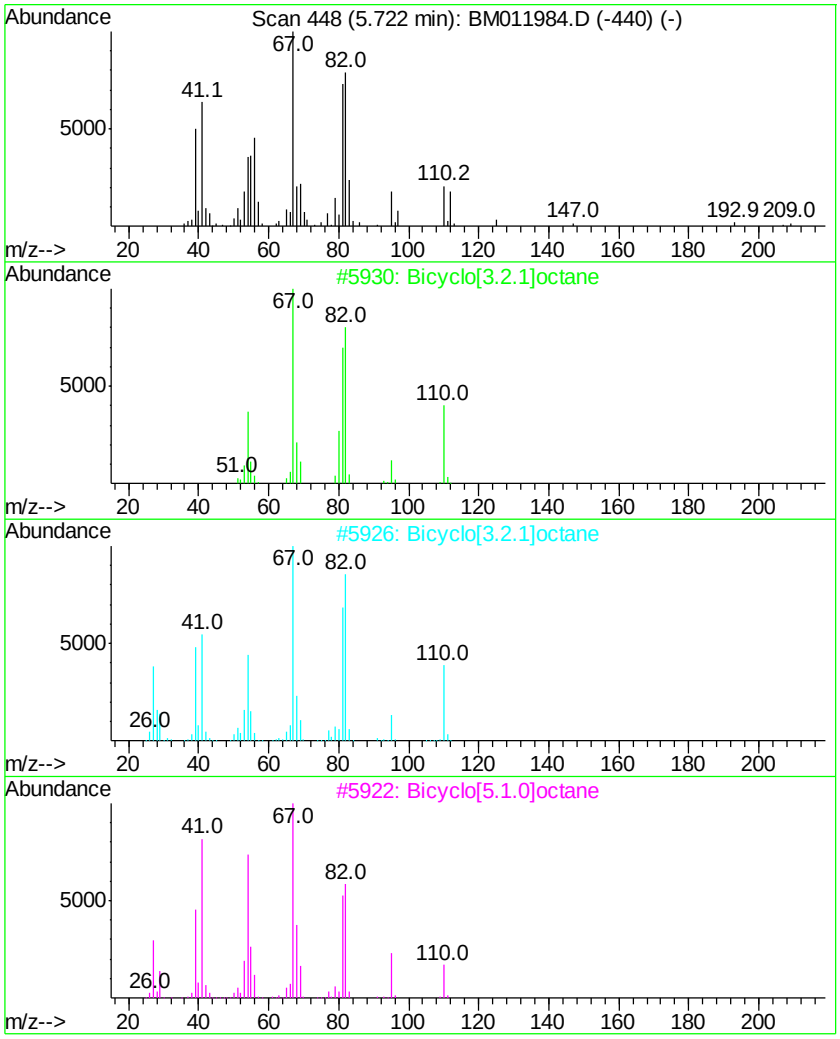
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

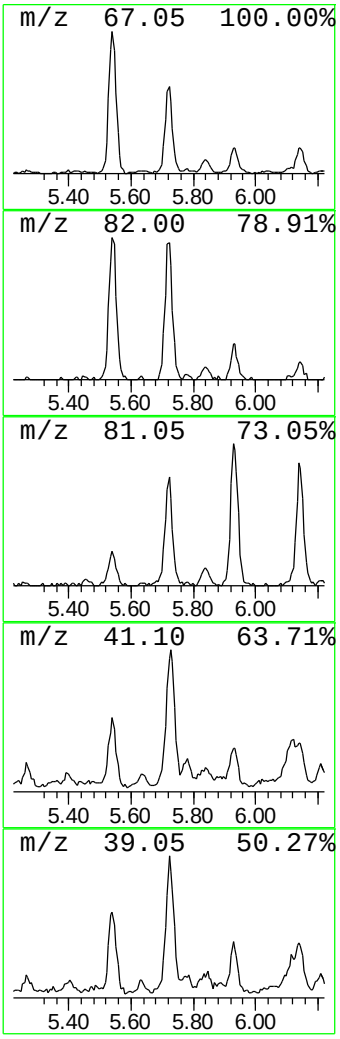
****

Peak Number 1 Bicyclo[3.2.1]octane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.77 ng/ul	358644	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	70
3	Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	58
4	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	53
5	Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

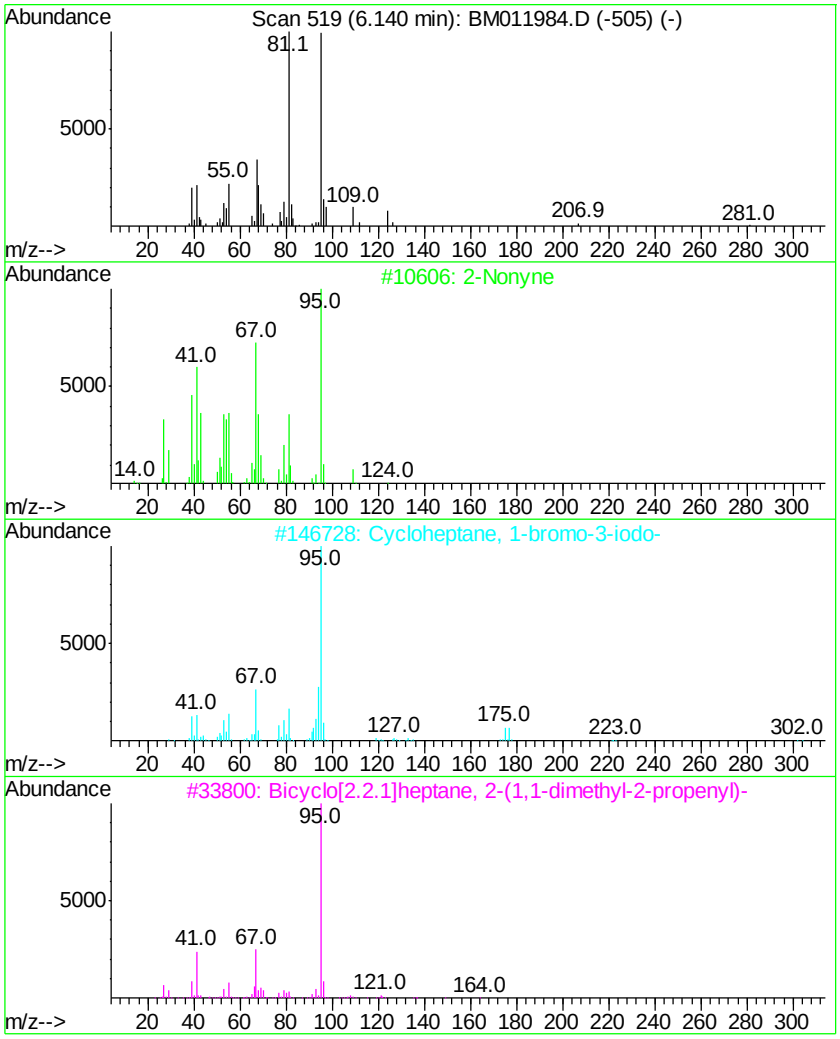
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

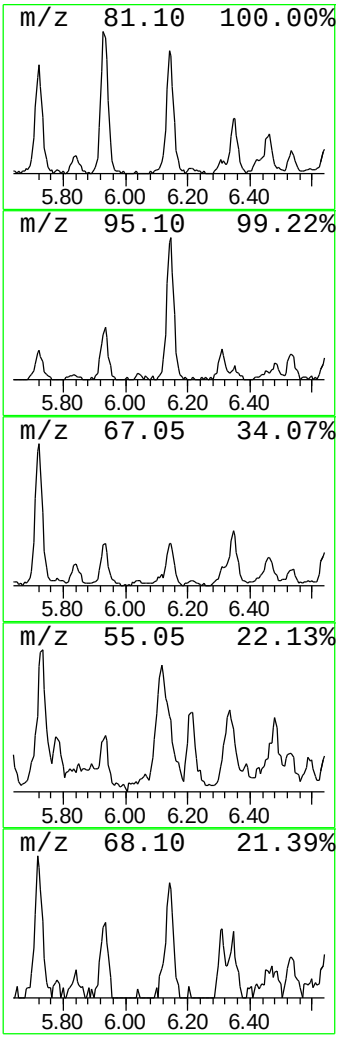
****

Peak Number 2 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	3.71 ng/ul	279198	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonyne	124	C9H16	019447-29-1	47
2	Cycloheptane, 1-bromo-3-iodo-	302	C7H12BrI	1000337-09-9	38
3	Bicyclo[2.2.1]heptane, 2-(1,1-di...	164	C12H20	069219-08-5	35
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	35
5	1,2-Dibromo-1-methyl-cyclohexane	254	C7H12Br2	1000192-26-1	35





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

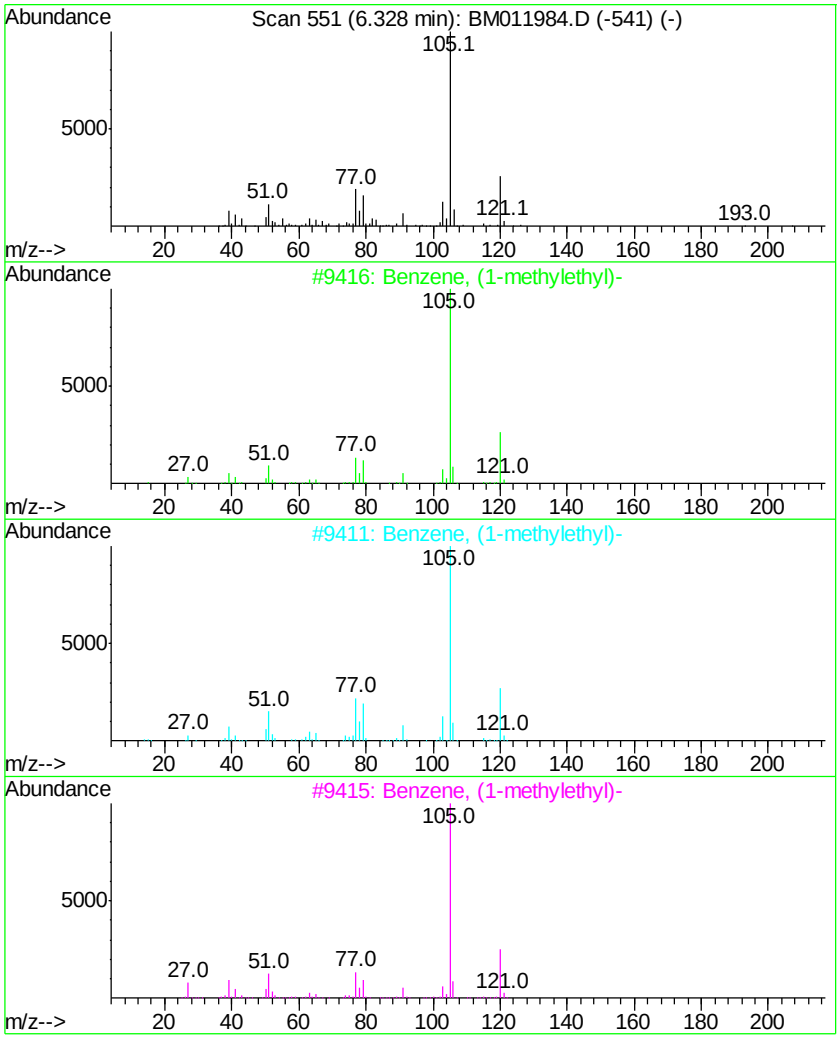
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

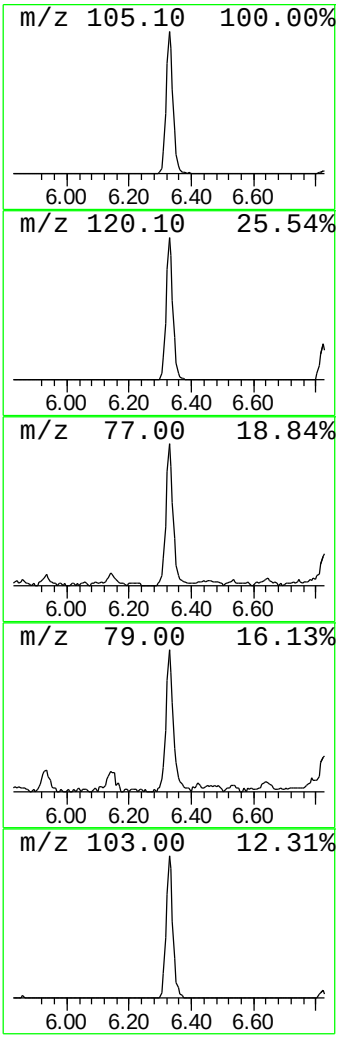
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	10.07 ng/ul	757937	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Sample : I5695-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

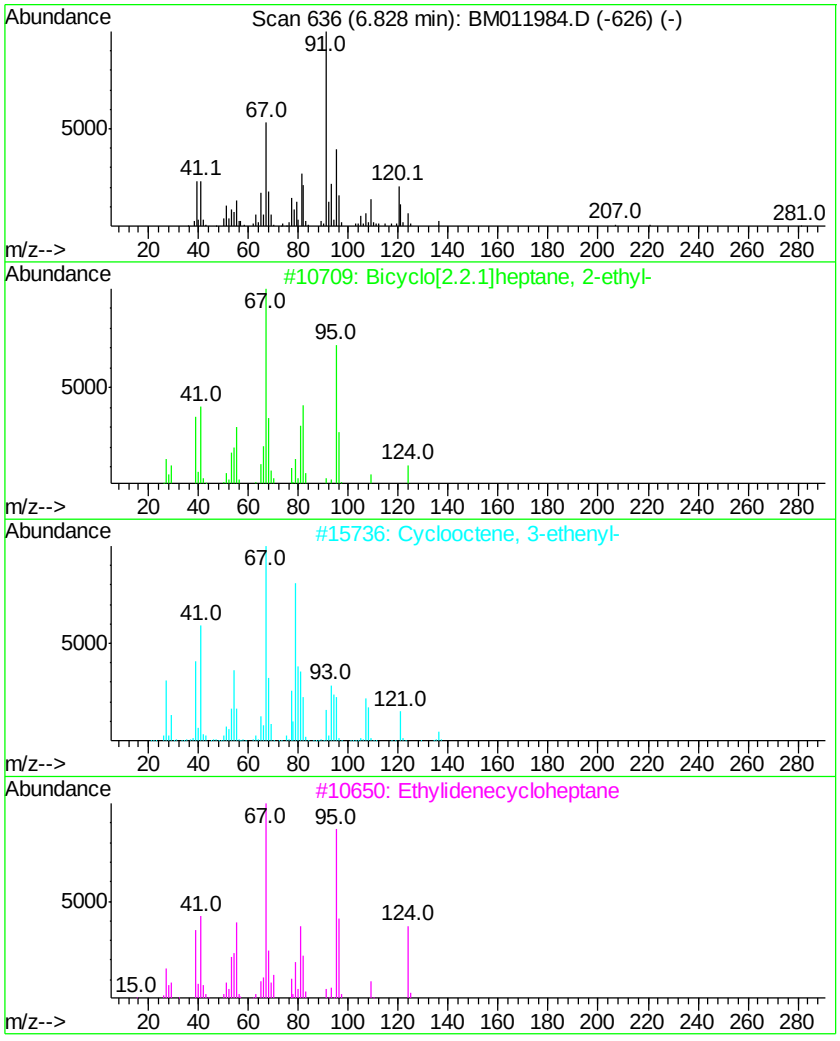
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

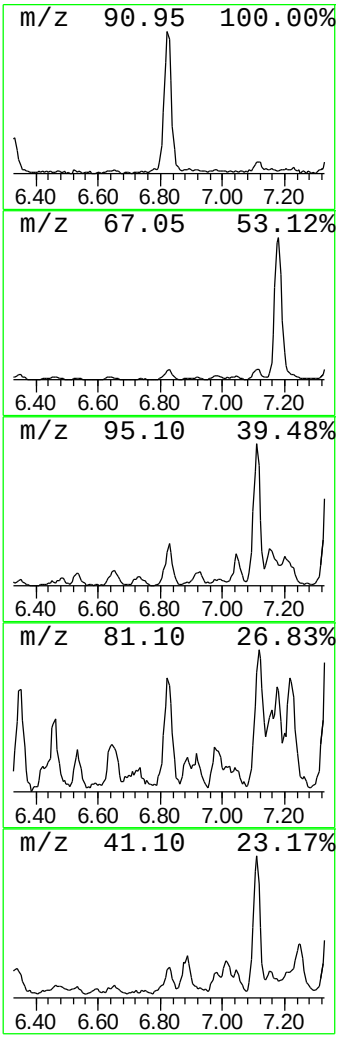
****

Peak Number 4 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	4.77 ng/ul	358786	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	49
2	Cyclooctene, 3-ethenyl-	136	C10H16	002213-60-7	38
3	Ethylidenecycloheptane	124	C9H16	010494-87-8	38
4	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	38
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

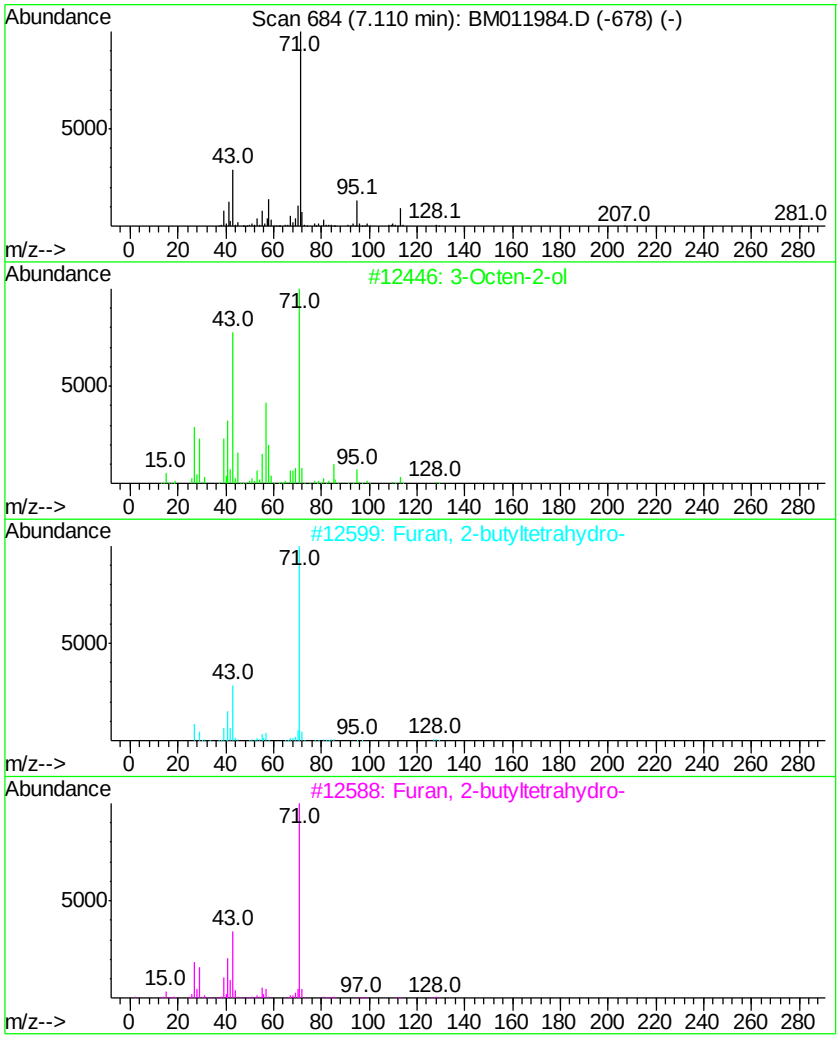
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

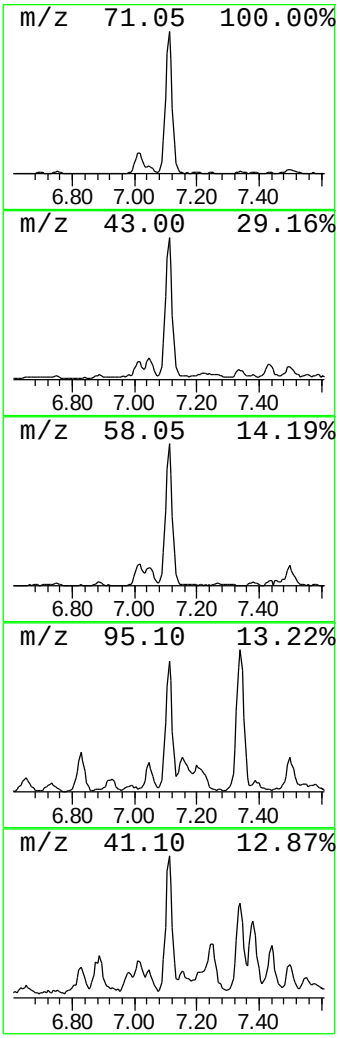
****

Peak Number 5 3-Octen-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	16.91 ng/ul	1272040	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-ol	128	C8H16O	076649-14-4	59
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	53
3	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	50
4	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	50
5	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	45





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Sample : I5695-01
Misc :
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Instrument : BNA_M
ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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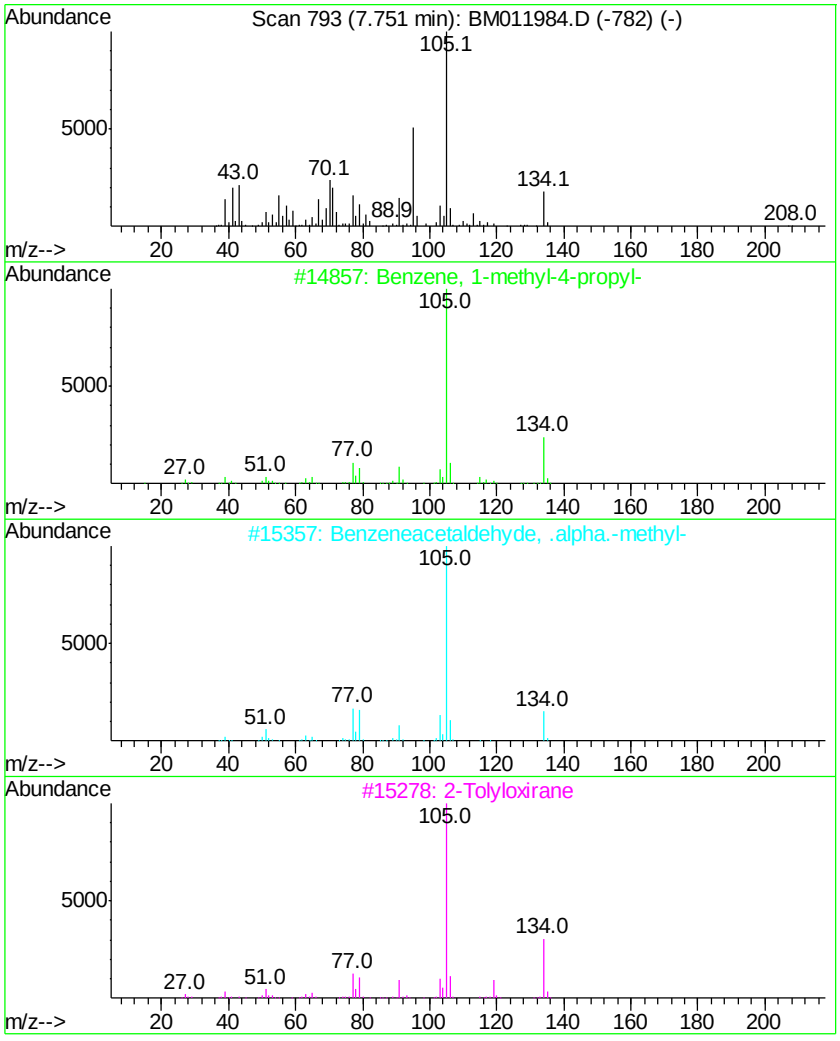
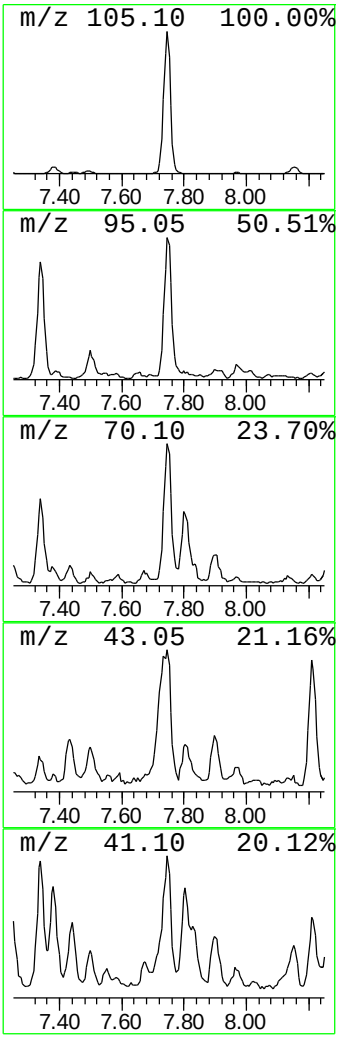
Peak Number 7 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	18.88 ng/ul	1420860	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
3	2-Tolyloxirane	134	C9H10O	002783-26-8	38
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25





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Quant Title : SVOA CALIBRATION

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

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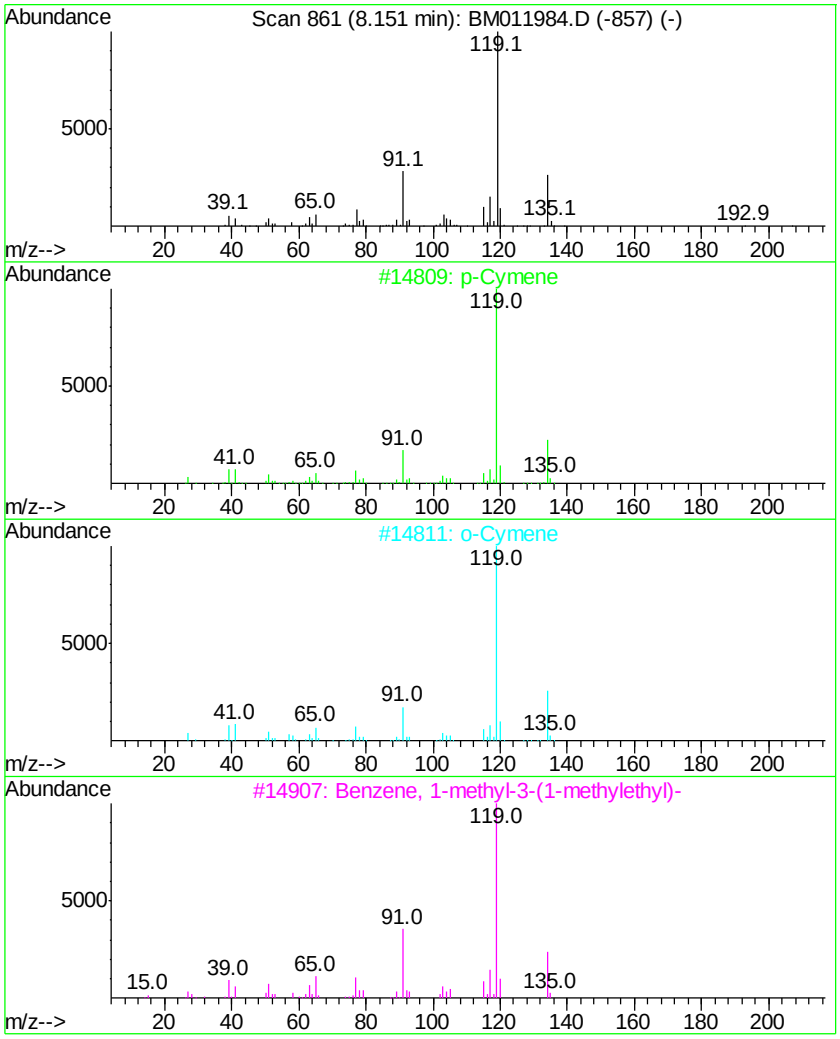
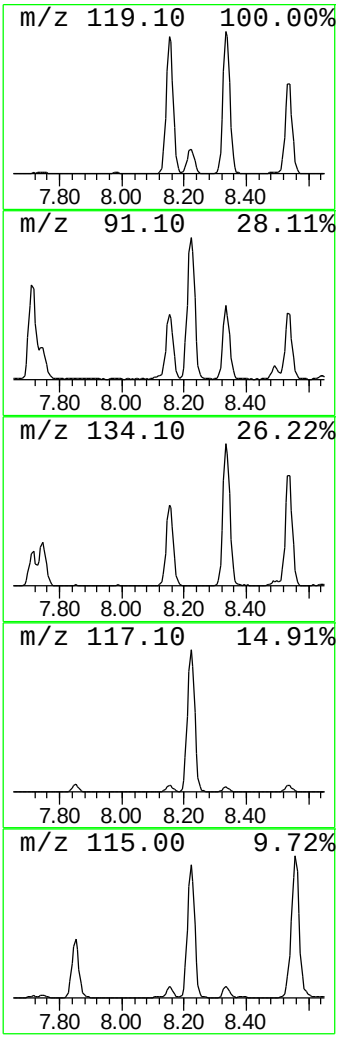
Peak Number 8 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	9.10 ng/ul	684584	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Quant Title : SVOA CALIBRATION

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

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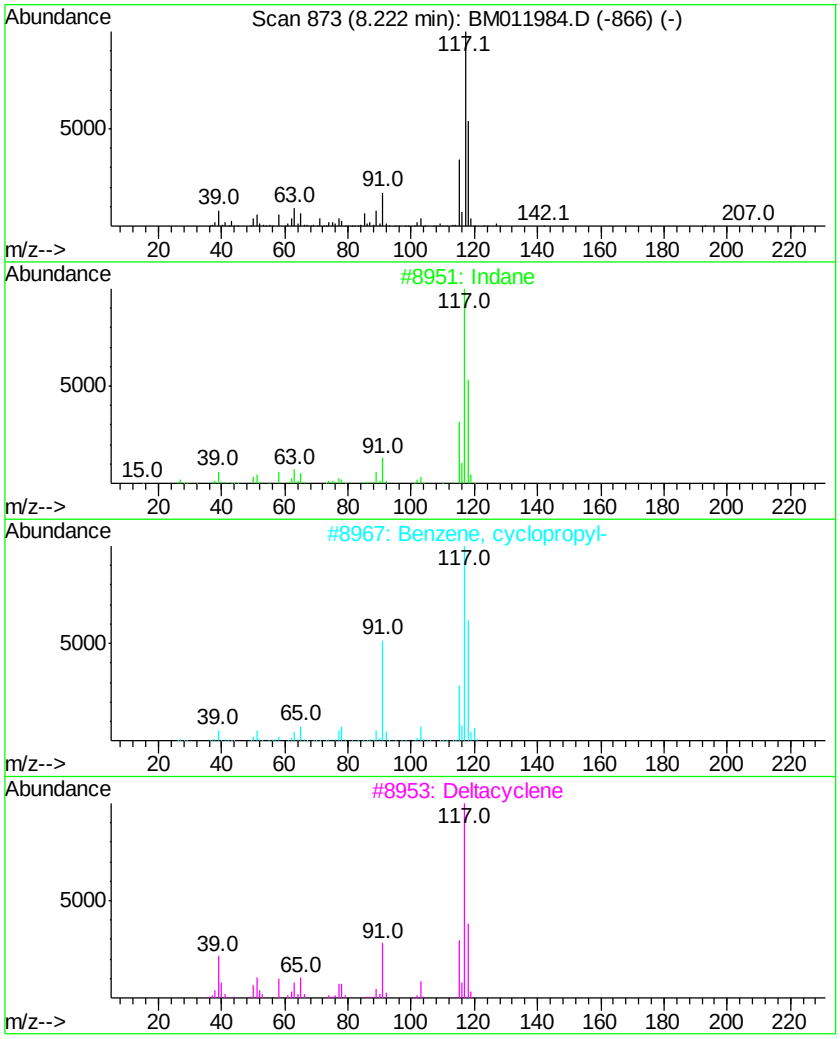
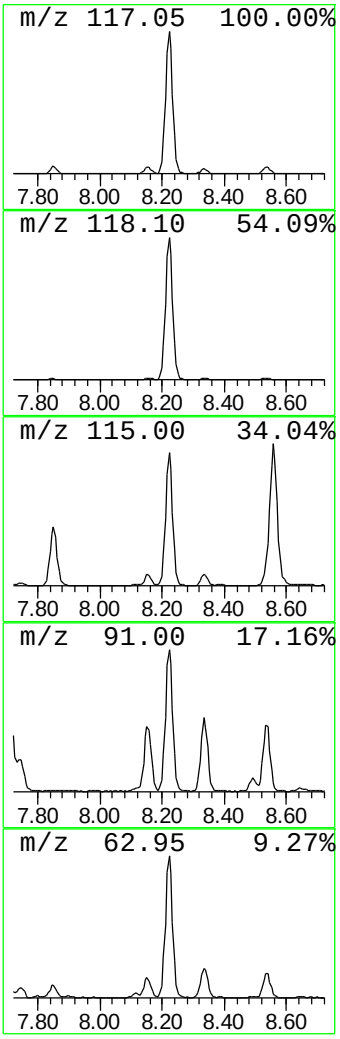
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	41.03 ng/ul	3087680	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Deltacyclene	118	C9H10	007785-10-6	68
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





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Instrument : BNA_M
ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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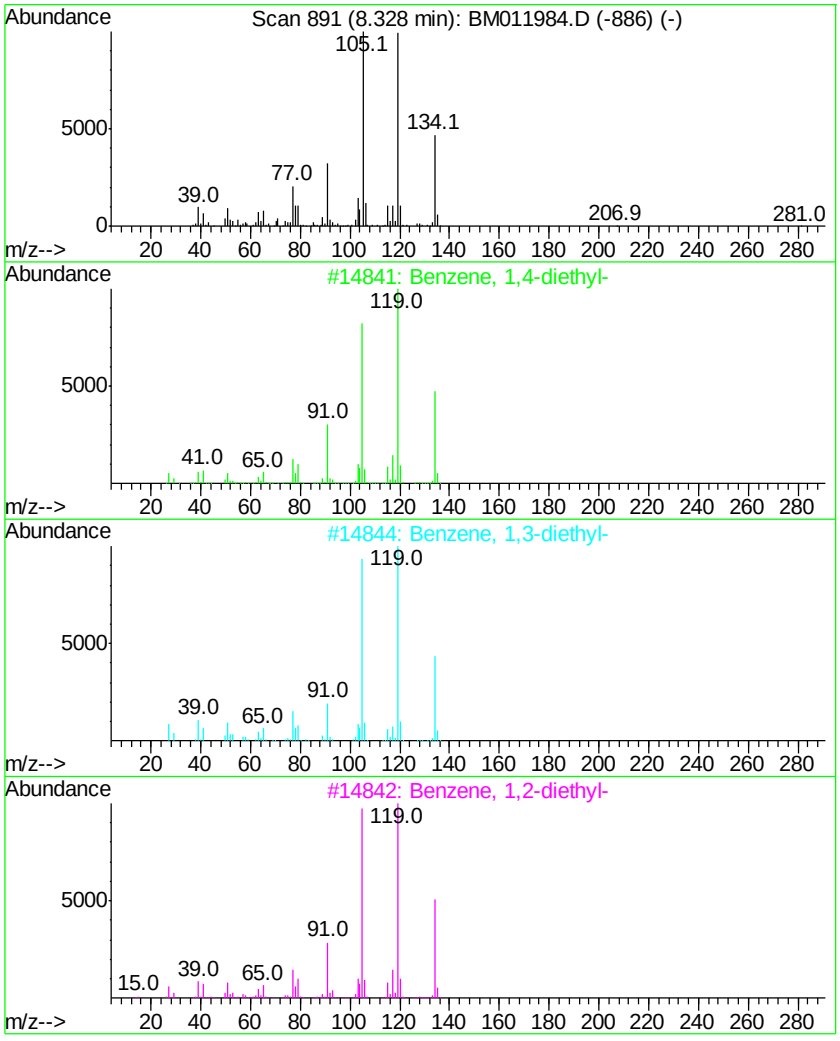
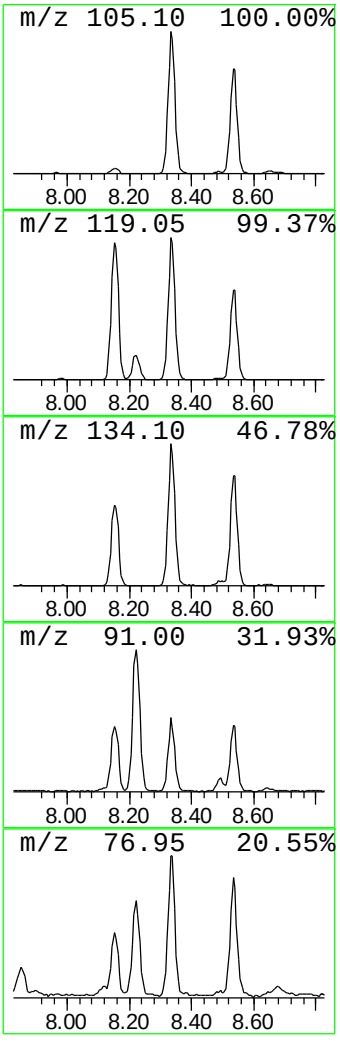
Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	17.24 ng/ul	1297220	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95





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ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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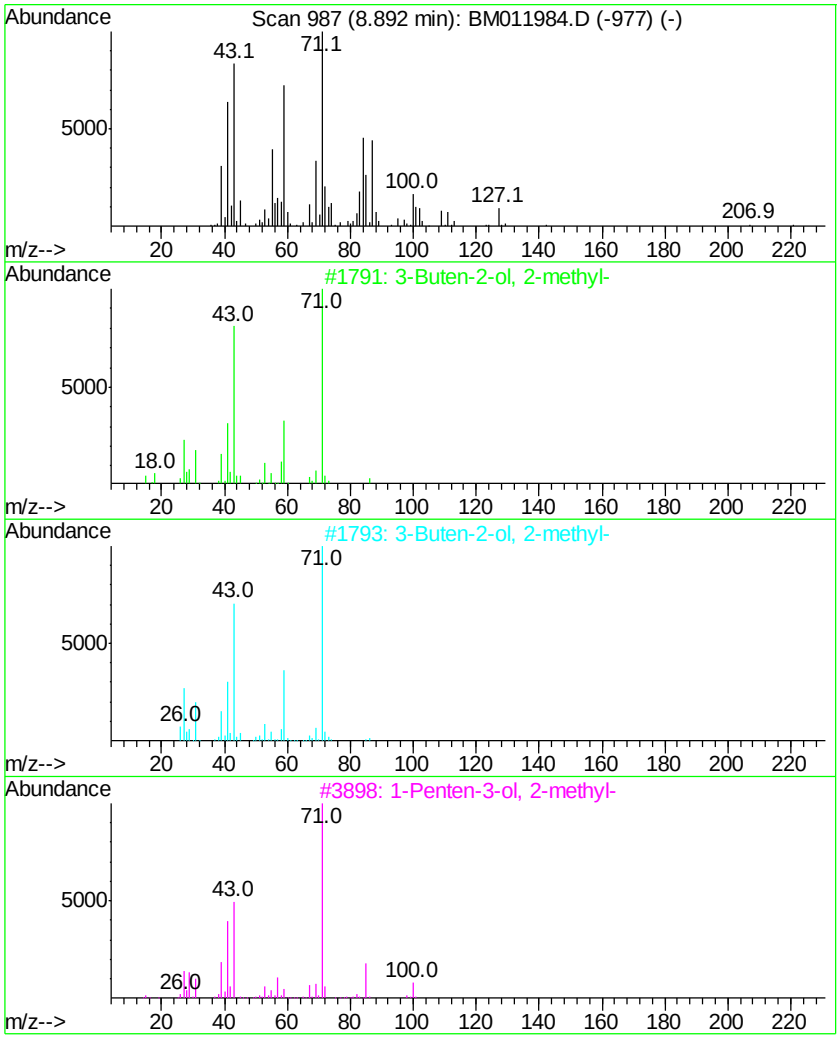
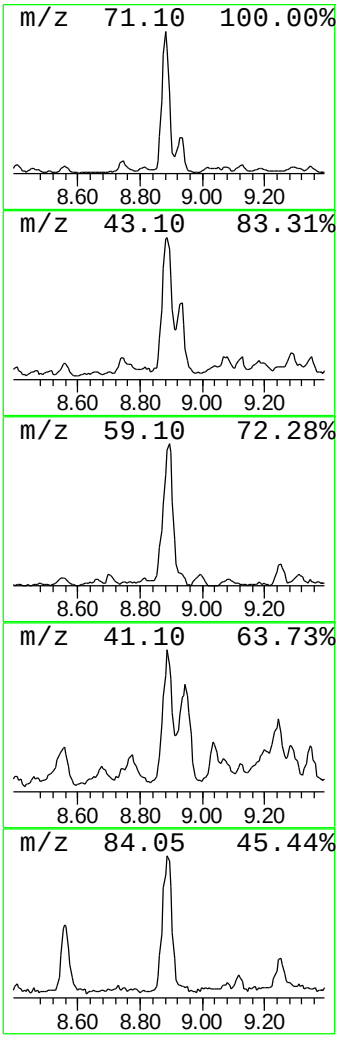
Peak Number 11 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	15.85 ng/ul	1192510	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	43
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	43
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	43





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Quant Title : SVOA CALIBRATION

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

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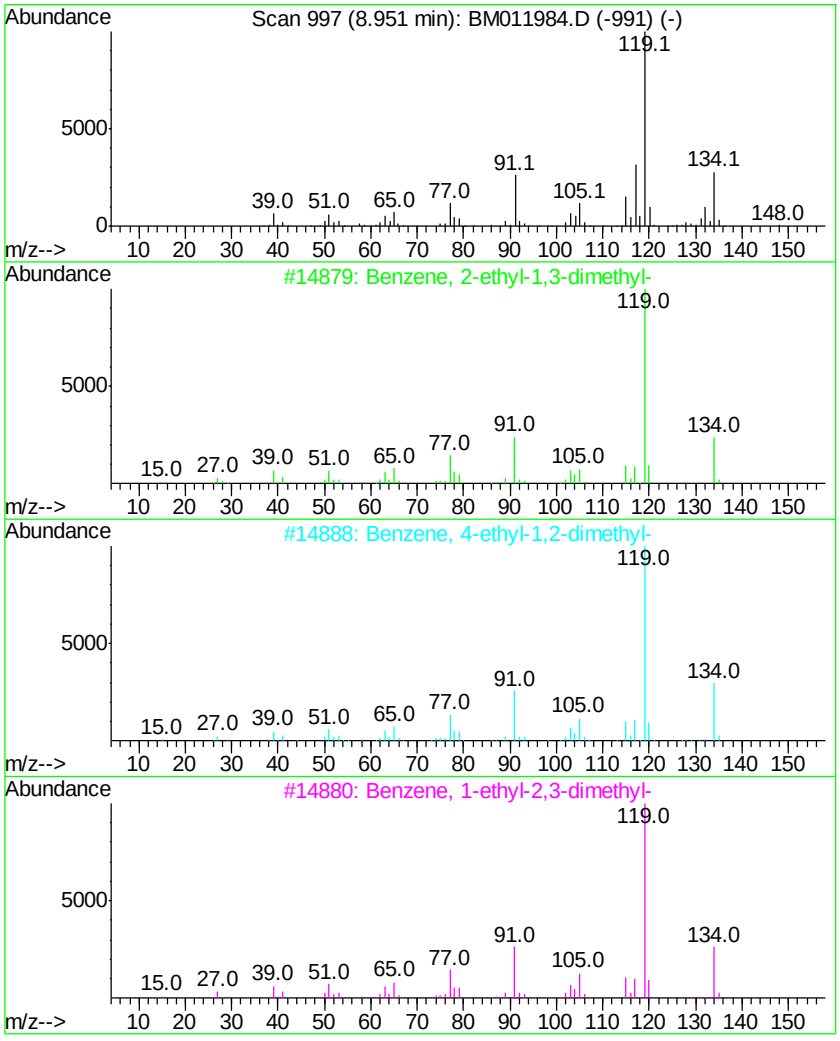
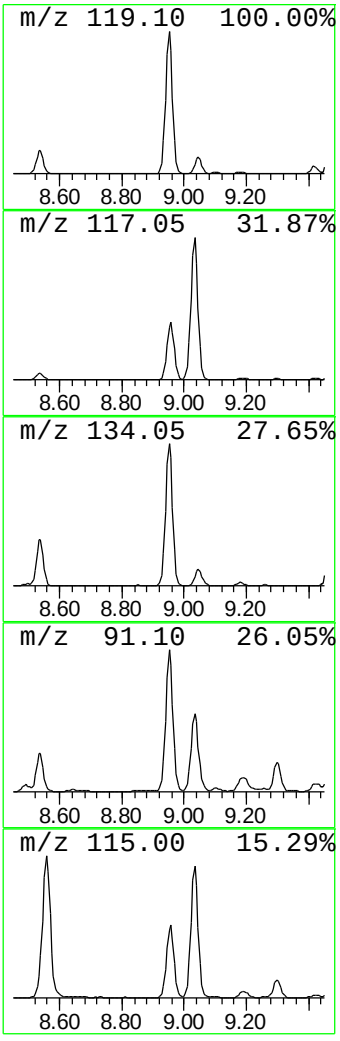
Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	52.61 ng/ul	3958610	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76





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Instrument : BNA_M
ClientSampleId : TWP-B-42

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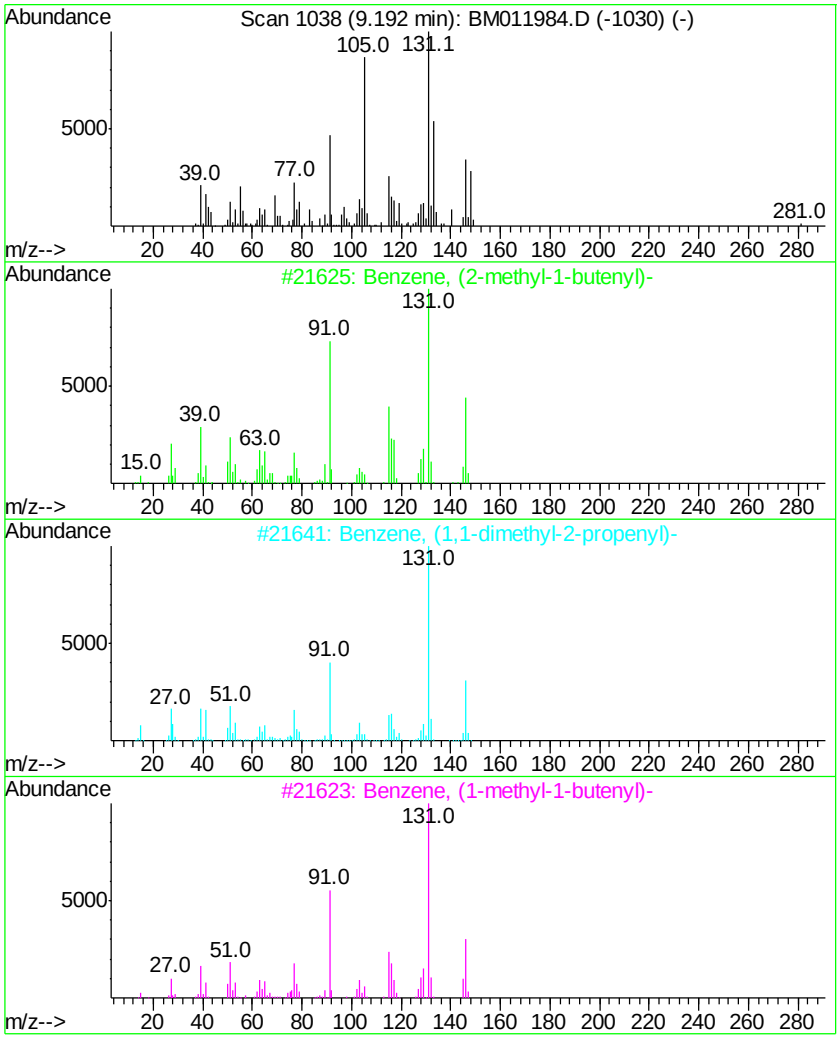
Quant Title : SVOA CALIBRATION

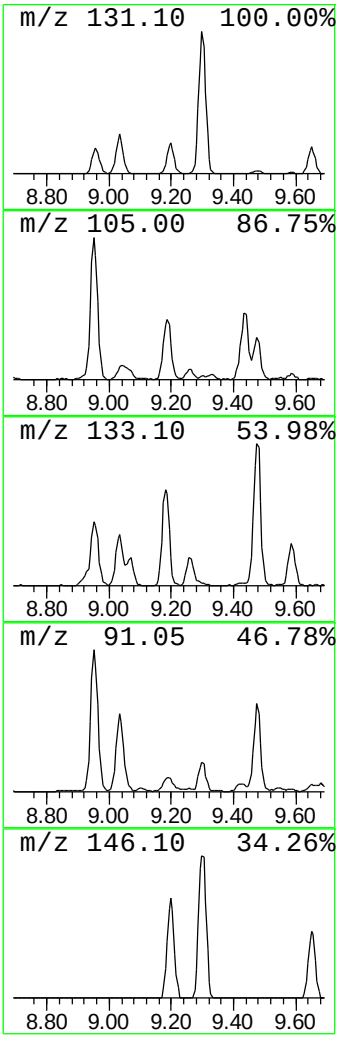
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	8.85 ng/ul	666270	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	92
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	83
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	83





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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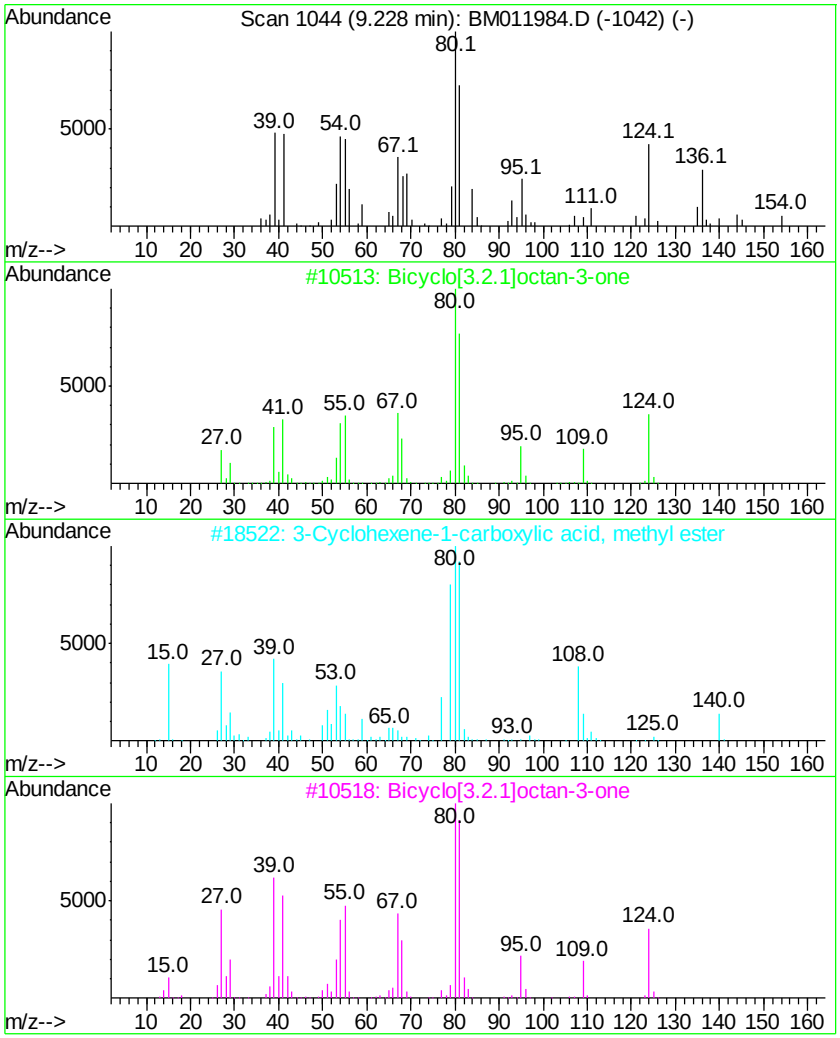
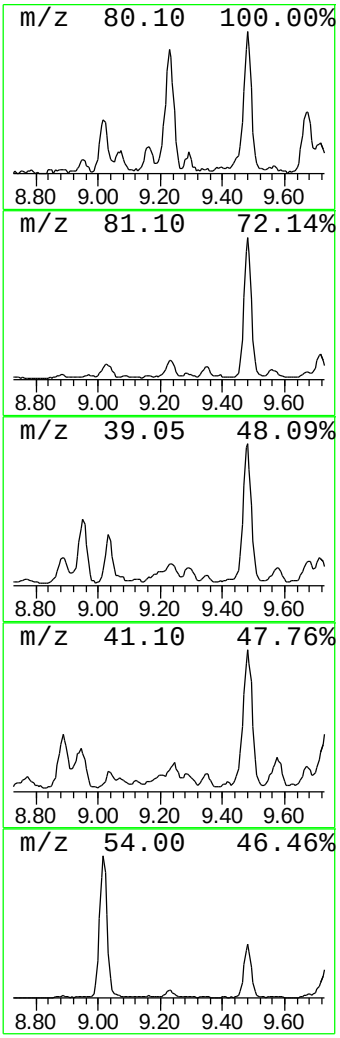
Peak Number 14 Bicyclo[3.2.1]octan-3-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	6.11 ng/ul	459736	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octan-3-one	124	C8H12O	014252-05-2	58
2	3-Cyclohexene-1-carboxylic acid,...	140	C8H12O2	006493-77-2	52
3	Bicyclo[3.2.1]octan-3-one	124	C8H12O	014252-05-2	50
4	3-Cyclohexene-1-carboxylic acid,...	140	C8H12O2	006493-77-2	49
5	1H-Pyrrole, 2-methyl-	81	C5H7N	000636-41-9	47





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Quant Title : SVOA CALIBRATION

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

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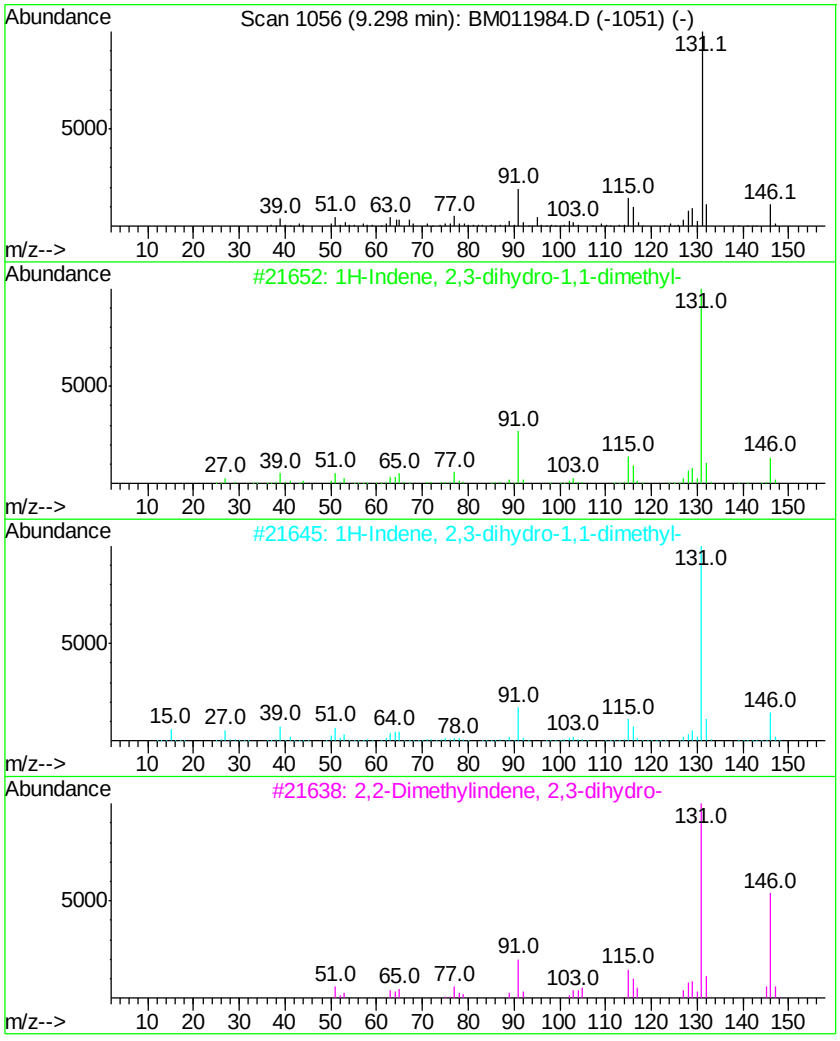
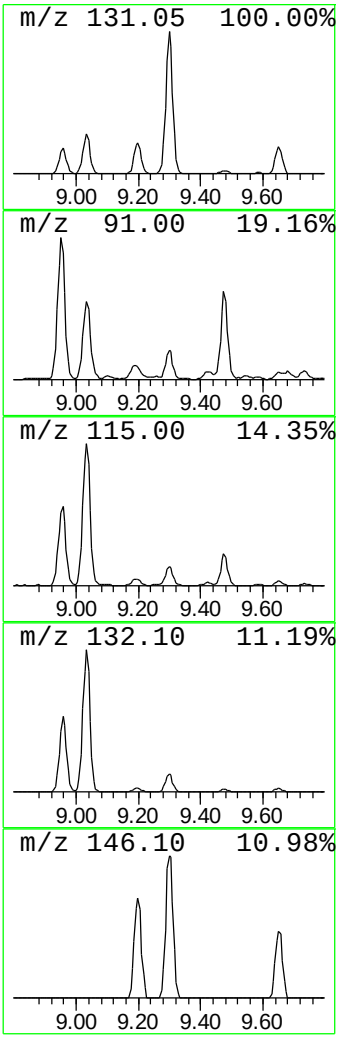
Peak Number 15 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.00 ng/ul	835820	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	95
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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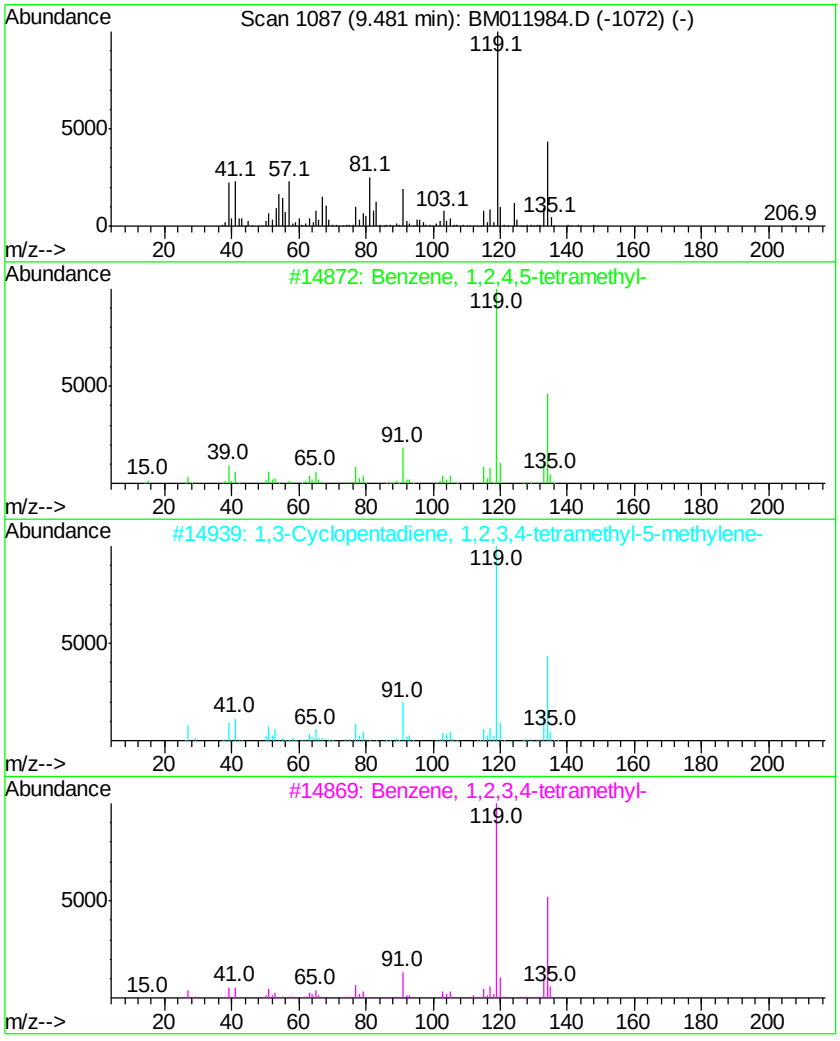
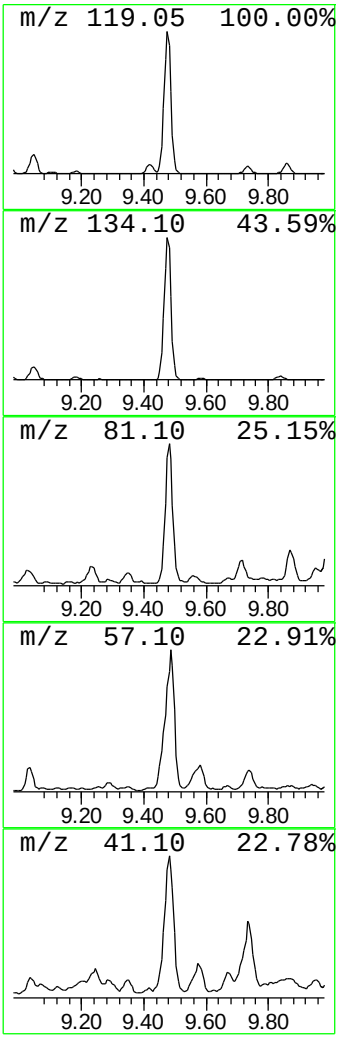
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	22.92 ng/ul	4789620	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





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Quant Title : SVOA CALIBRATION

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

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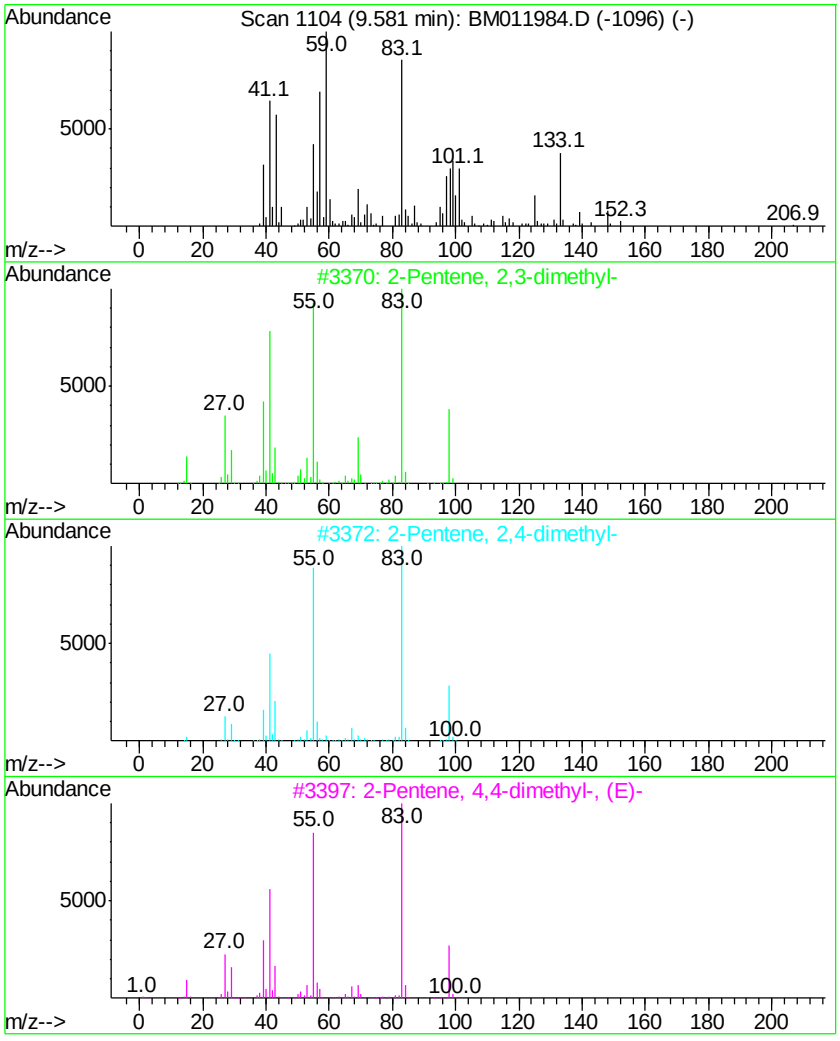
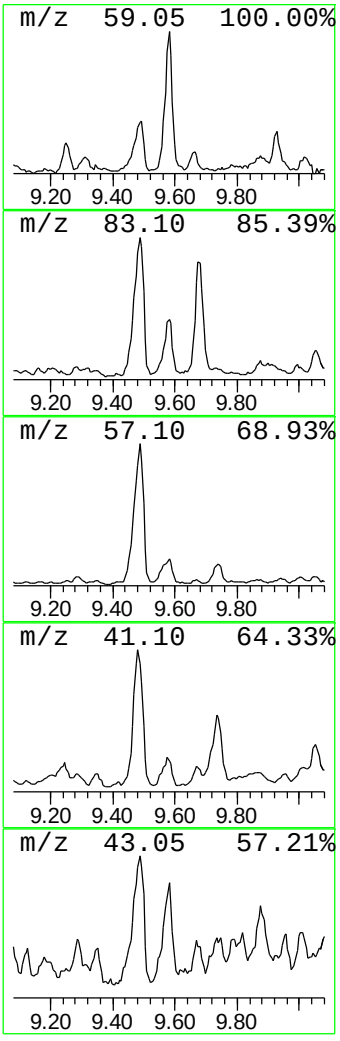
Peak Number 17 (DEL) Alkane: Cyclic9.58 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.87 ng/ul	599717	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	30
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	22
4	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	22
5	3-Hexen-2-one	98	C6H10O	000763-93-9	22





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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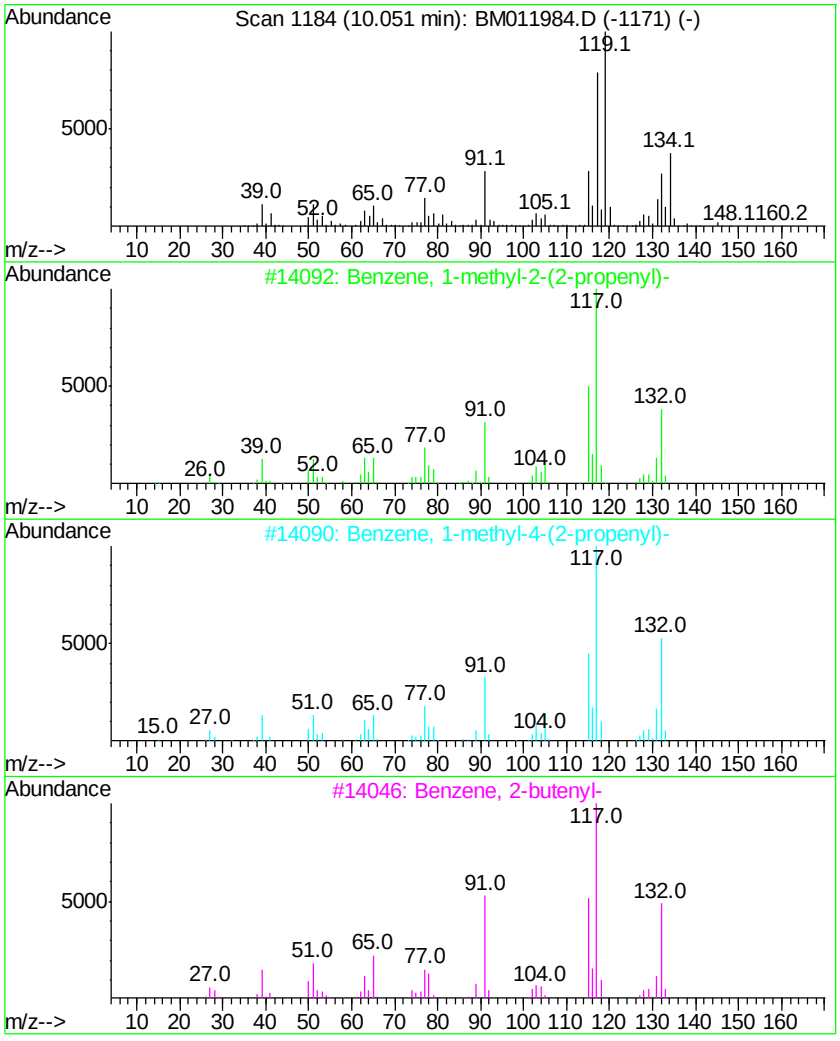
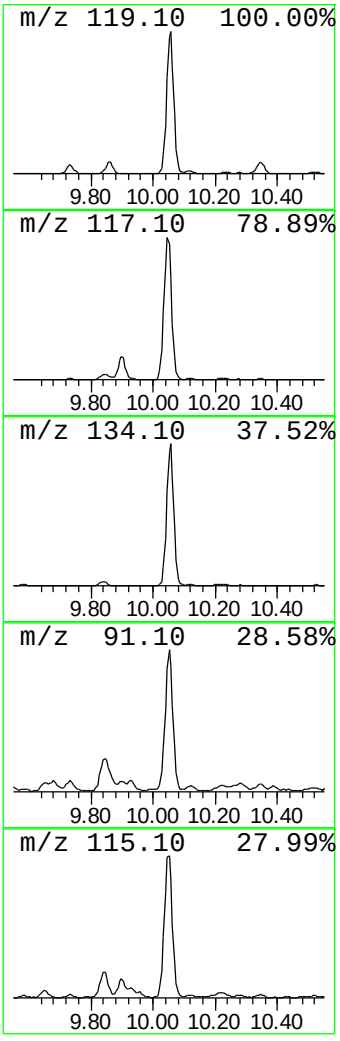
Peak Number 20 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	22.01 ng/ul	4599050	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50





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Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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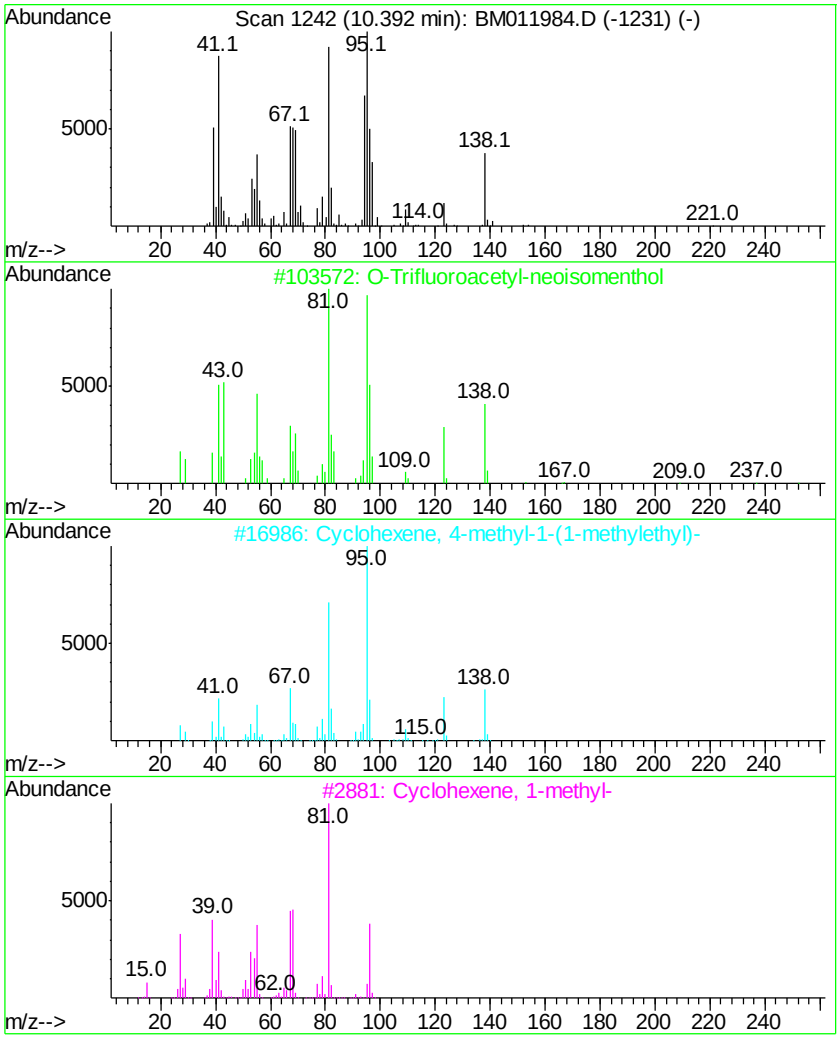
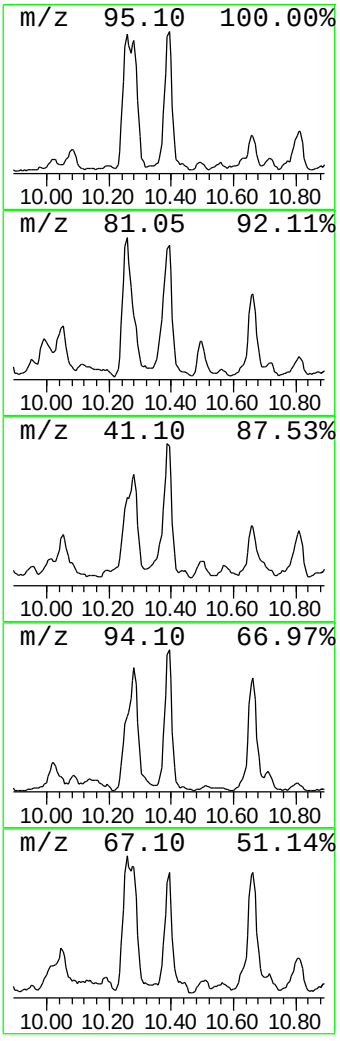
Peak Number 21 O-Trifluoroacetyl-neoisomen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	10.02 ng/ul	2094620	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Trifluoroacetyl-neoisomenthol	252	C12H19F3O2	002127-99-3	64
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	58
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	55
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	55
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	52





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Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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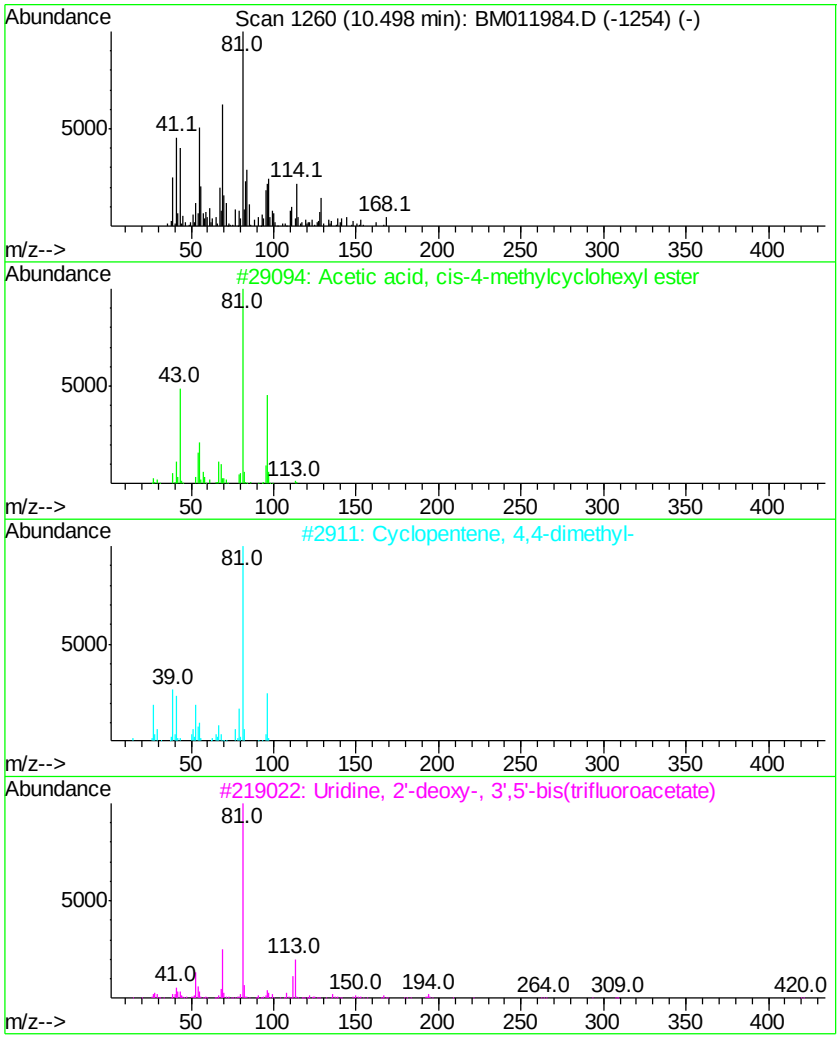
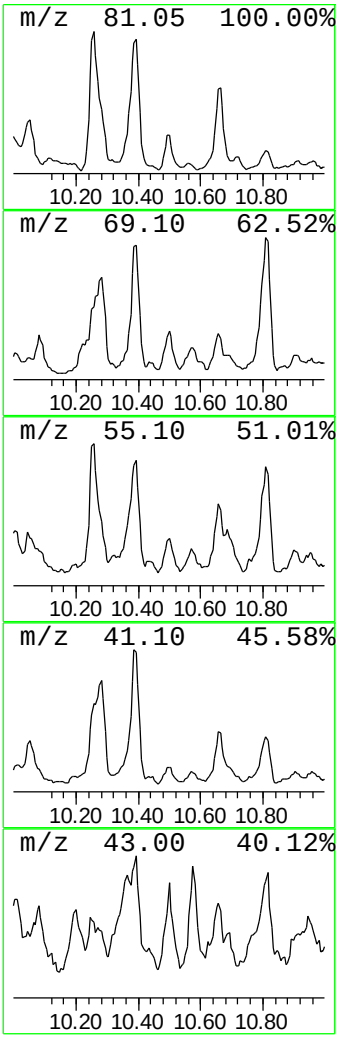
Peak Number 22 unknown-05 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.07 ng/ul	433498	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	35
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35
3	Uridine, 2'-deoxy-, 3',5'-bis(tr...	420	C13H10F6N2O7	035170-15-1	27
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	25
5	Furan, 2-propyl-	110	C7H10O	004229-91-8	22





Library Search Compound Report

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Sample : I5695-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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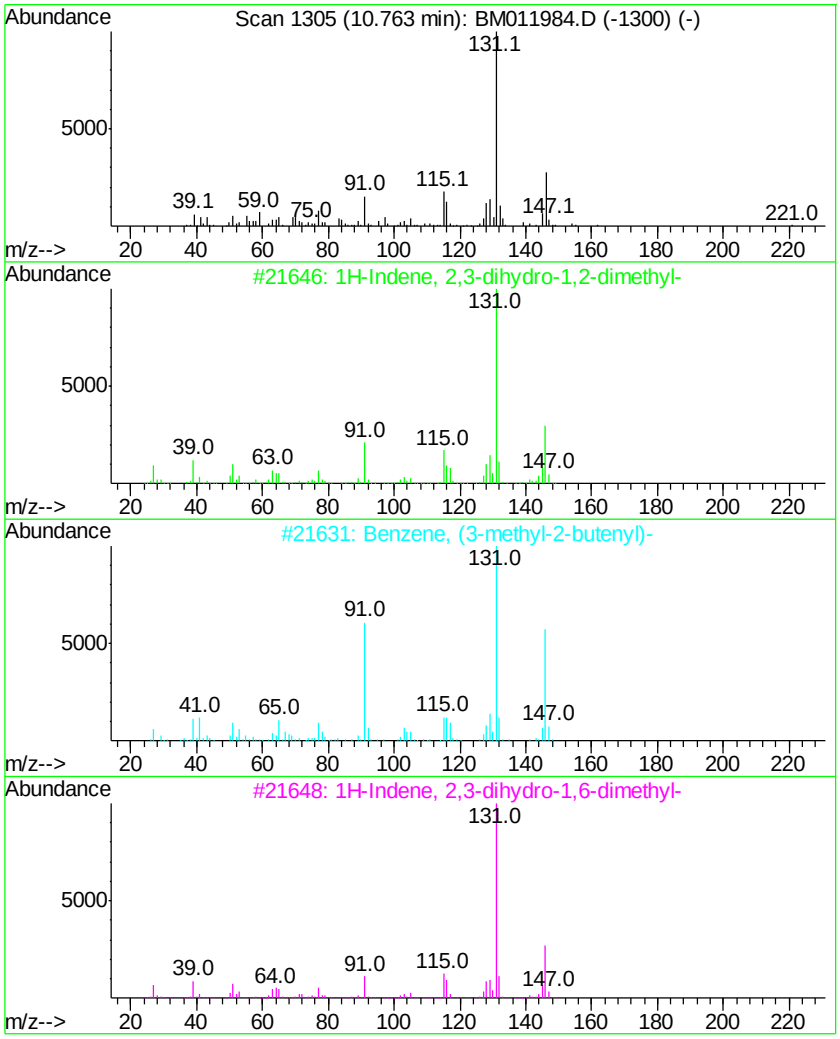
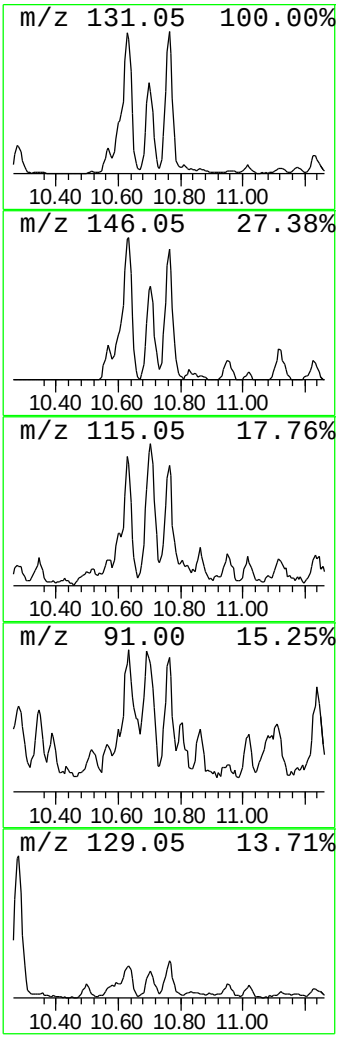
Peak Number 23 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.06 ng/ul	430076	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





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Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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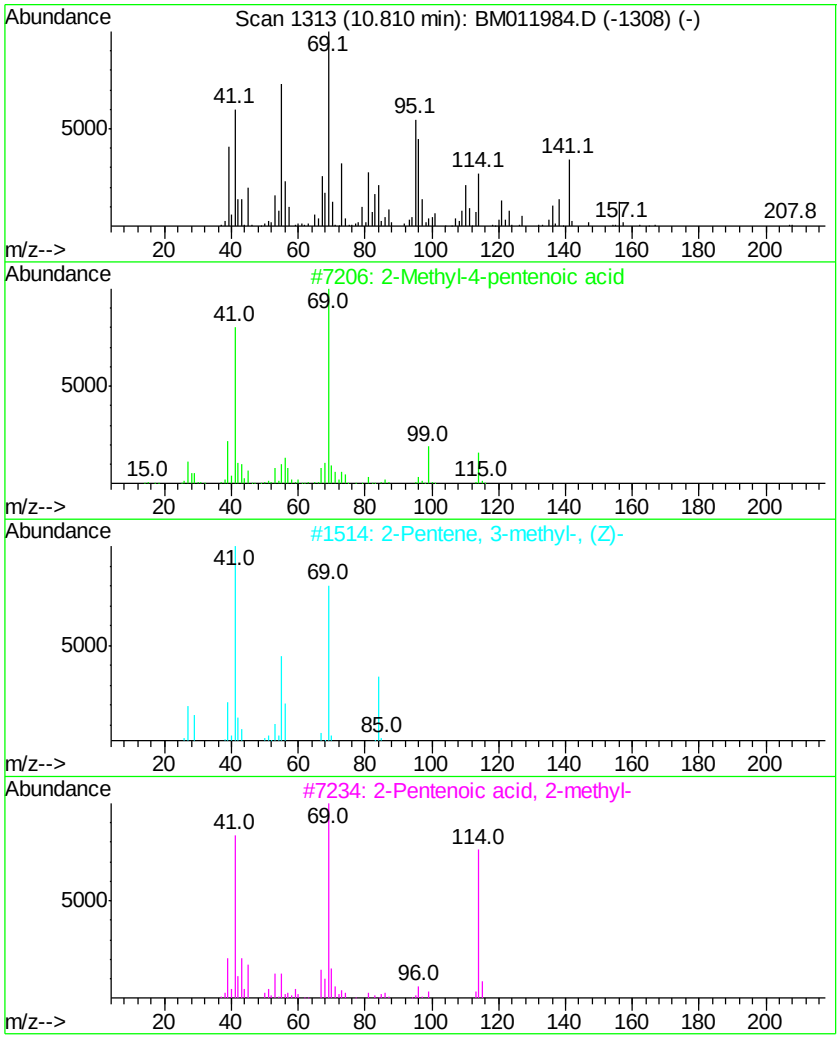
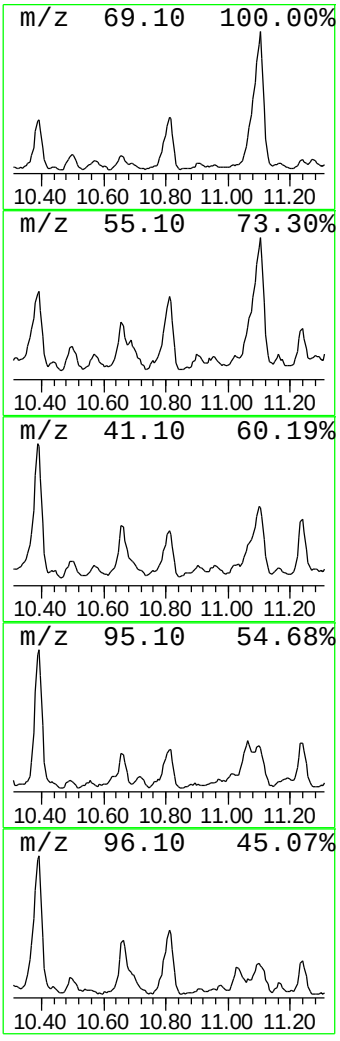
Peak Number 24 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	4.82 ng/ul	1007360	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-pentenoic acid	114	C6H10O2	001575-74-2	30
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
3	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	27
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	25
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25





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Acq On : 08 Oct 2017 19:33
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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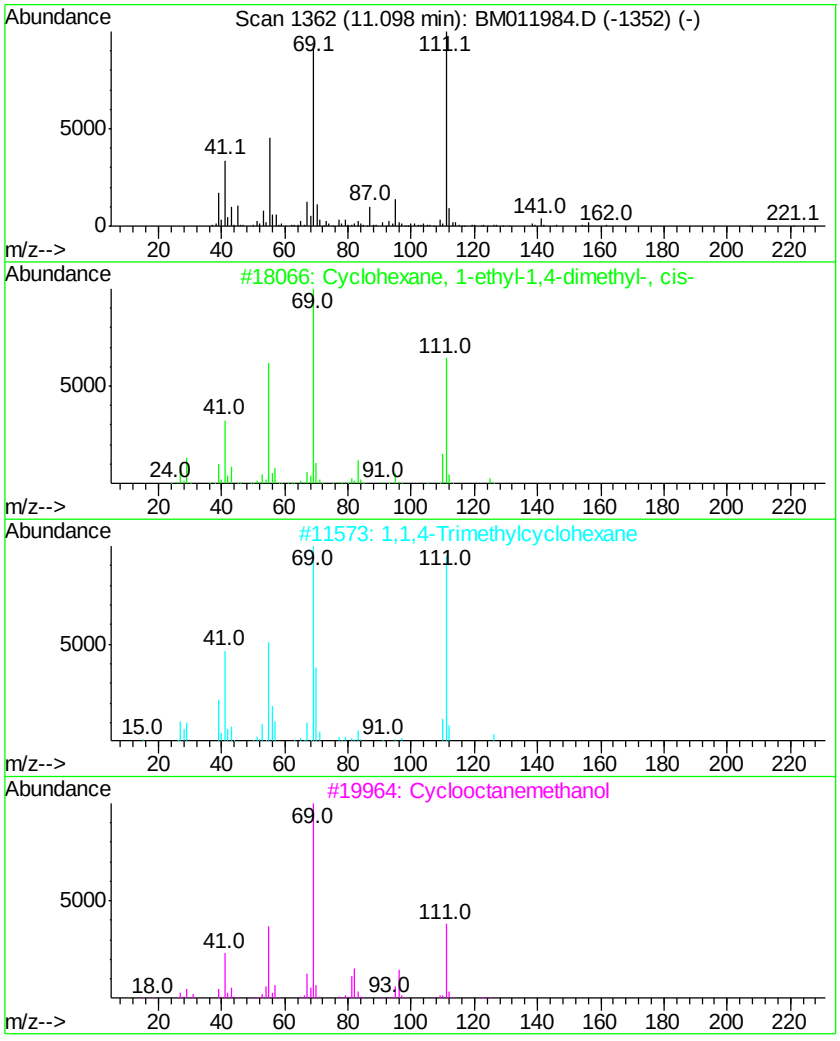
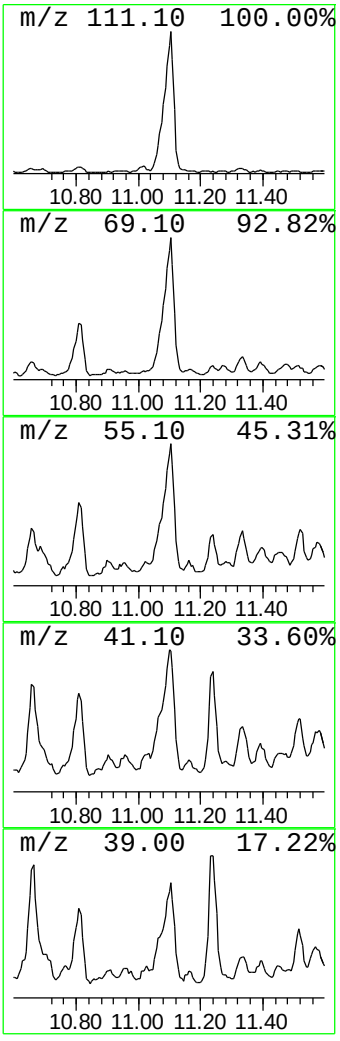
Peak Number 25 (DEL) Alkane: Cyclic11.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	9.51 ng/ul	1986840	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	78
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
3	Cyclooctanemethanol	142	C9H18O	003637-63-6	72
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64





Library Search Compound Report

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Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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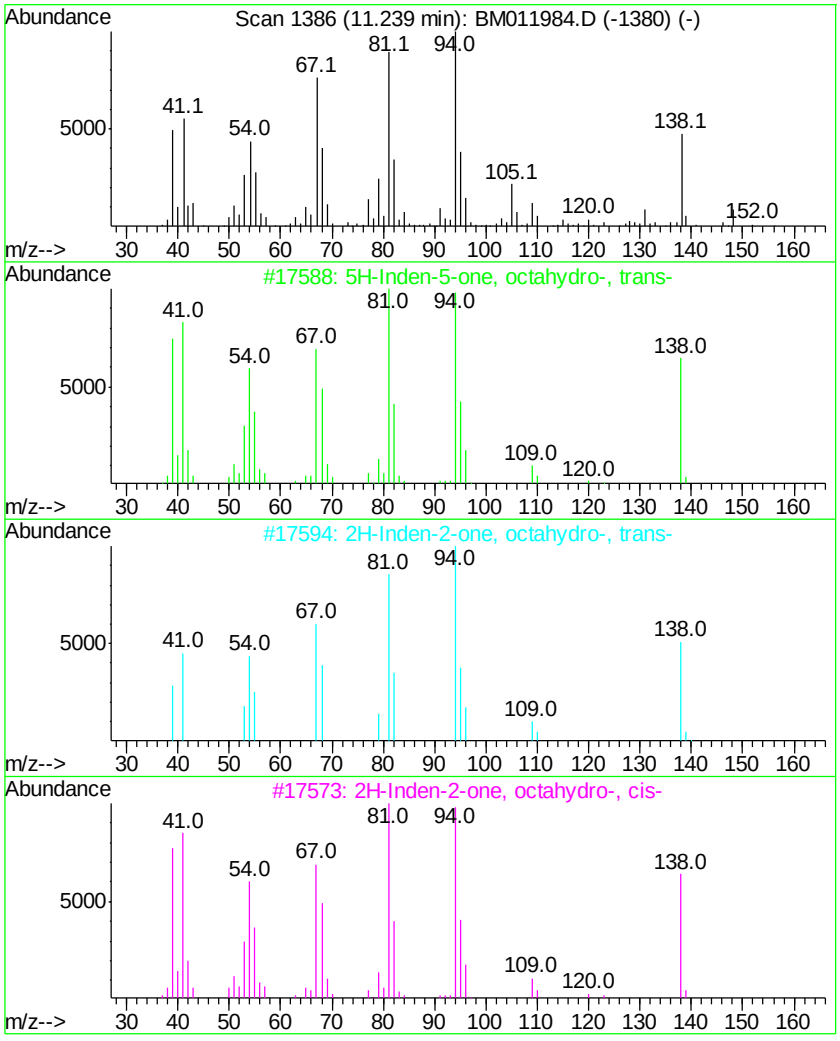
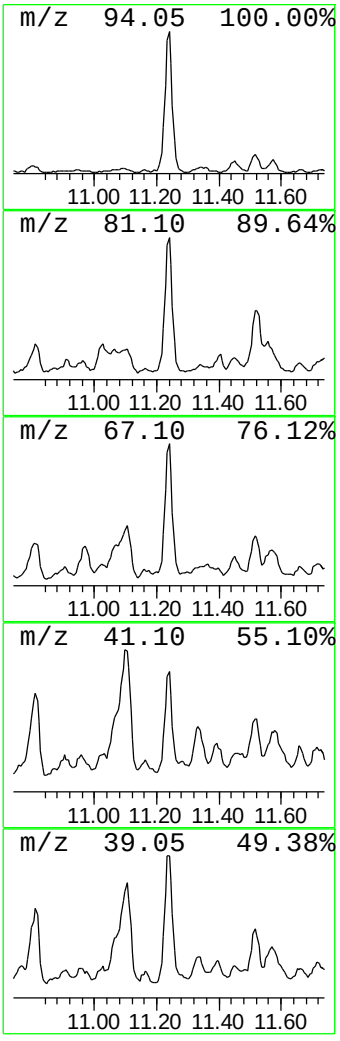
Peak Number 26 5H-Inden-5-one, octahydro-,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	5.50 ng/ul	1150000	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	97
2	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	97
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	96
4	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	90
5	Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	58





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Misc :
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Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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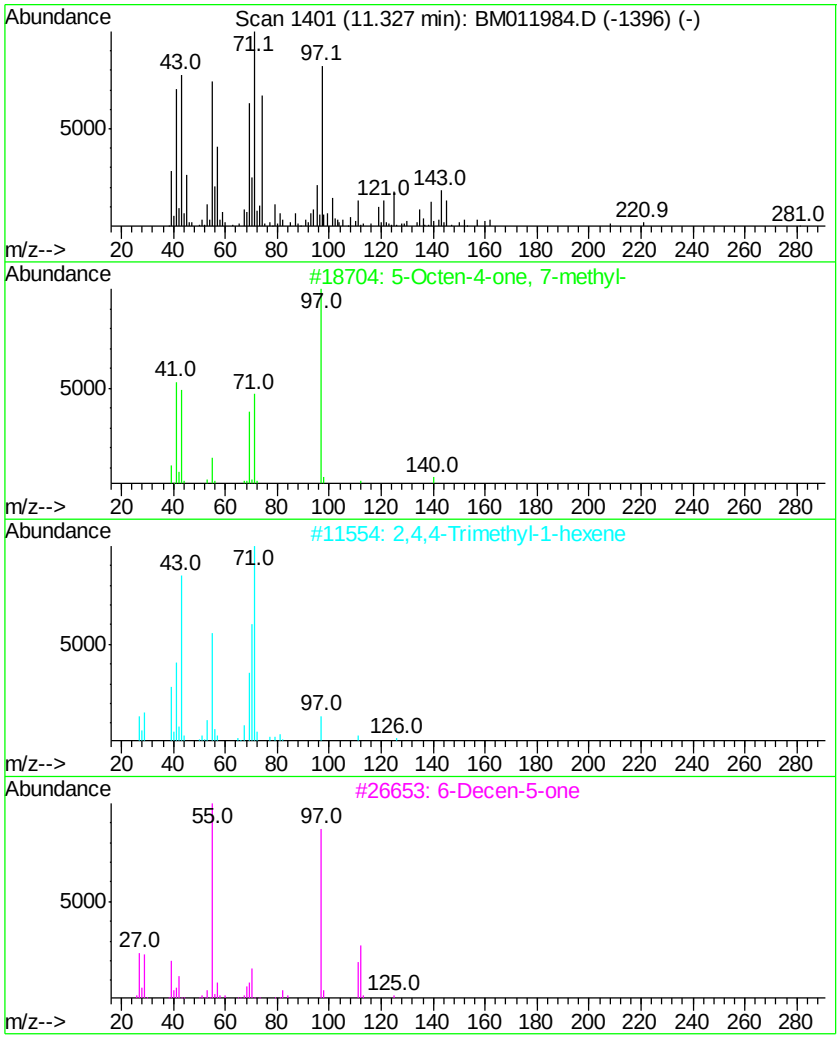
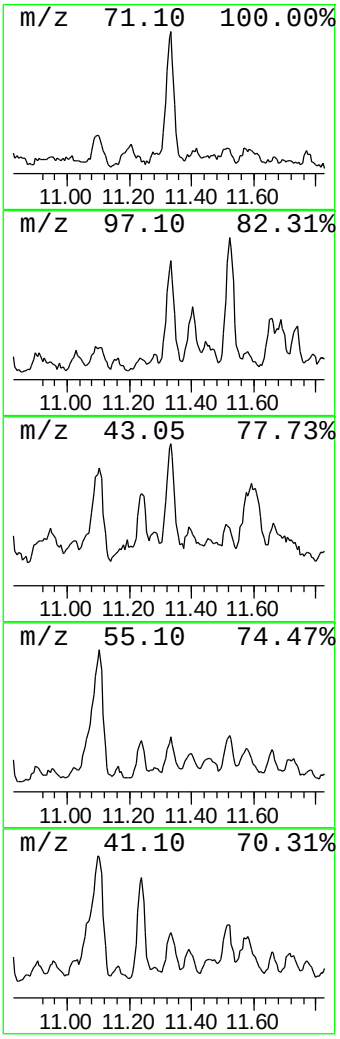
Peak Number 27 unknown-07 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.03 ng/ul	423537	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	47
2	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27
3	6-Decen-5-one	154	C10H18O	032064-79-2	22
4	5-Ethyl-3-nonen-6-one	168	C11H20O	1000374-06-6	22
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	22





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Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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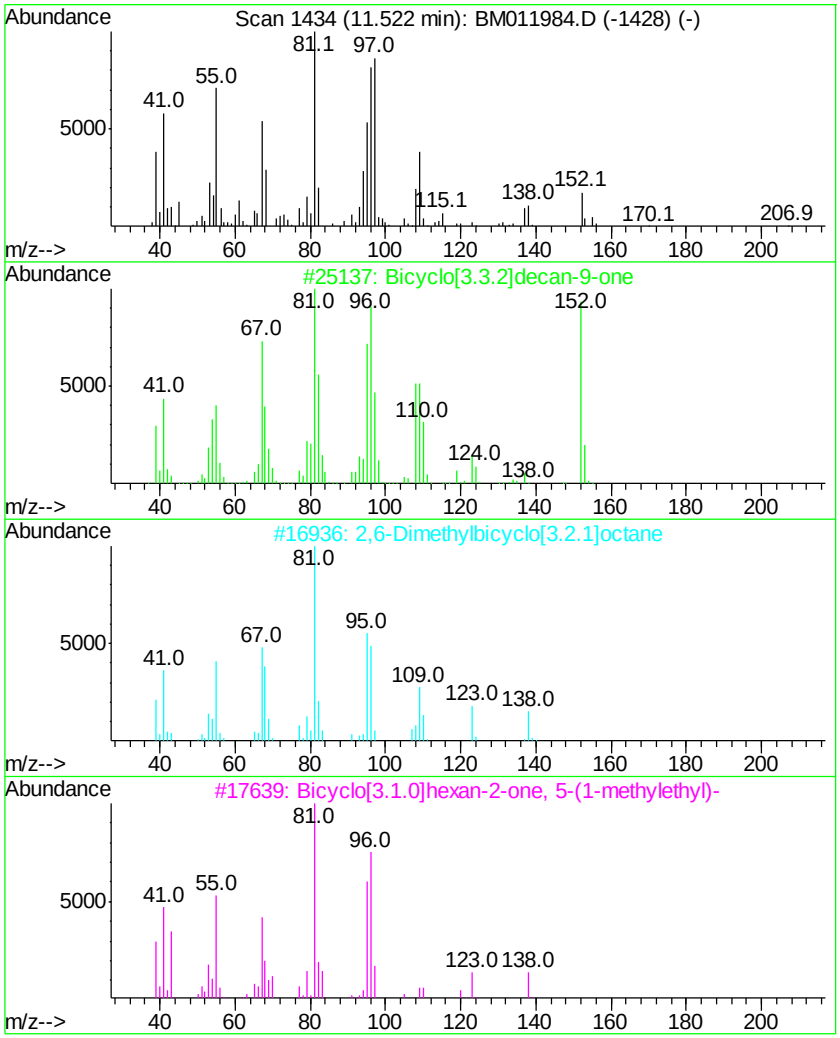
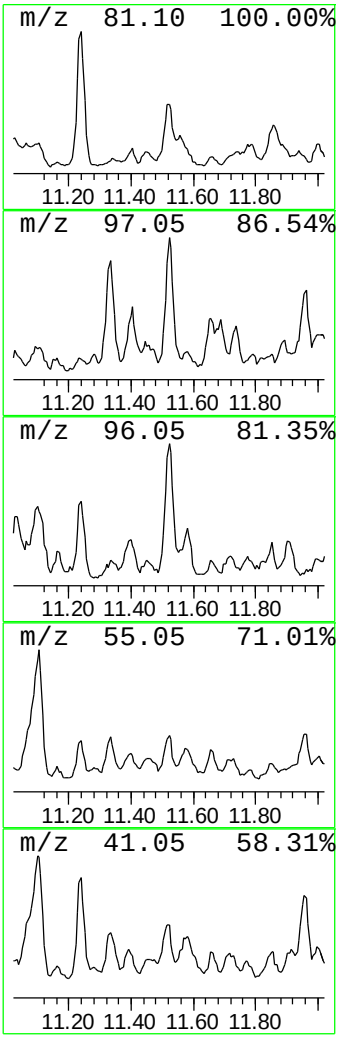
Peak Number 28 Bicyclo[3.3.2]decan-9-one Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.34 ng/ul	488741	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	87
2	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	76
3	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	64
4	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	52
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	49





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Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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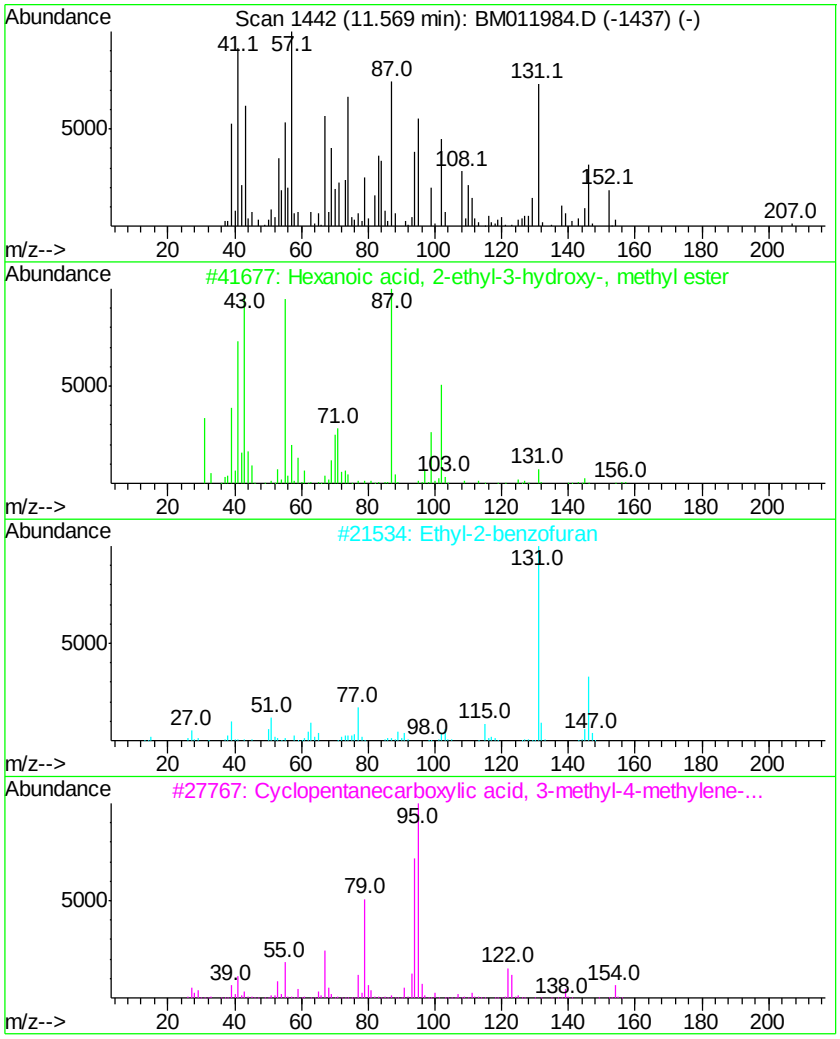
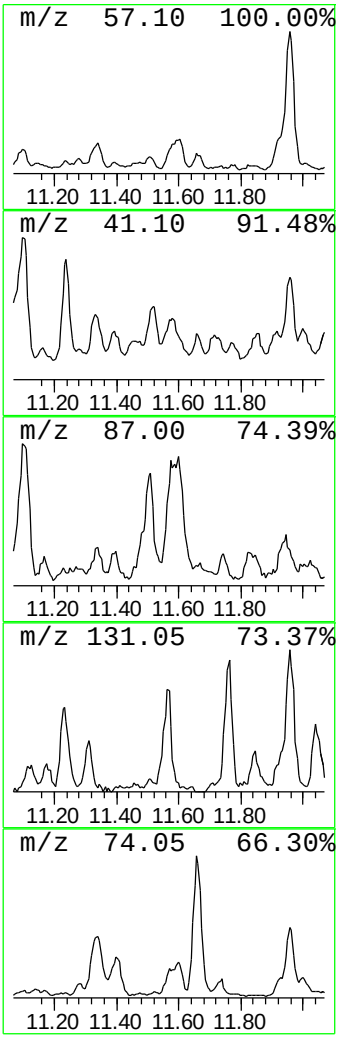
Peak Number 29 unknown-08 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.98 ng/ul	622191	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-3-hydroxy...	174	C9H18O3	1000153-26-1	27
2	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	11
3	Cyclopentanecarboxylic acid, 3-m...	154	C9H14O2	062185-62-0	11
4	6-Ethoxy-6-methyl-2-cyclohexenone	154	C9H14O2	1000132-02-5	10
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	10





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ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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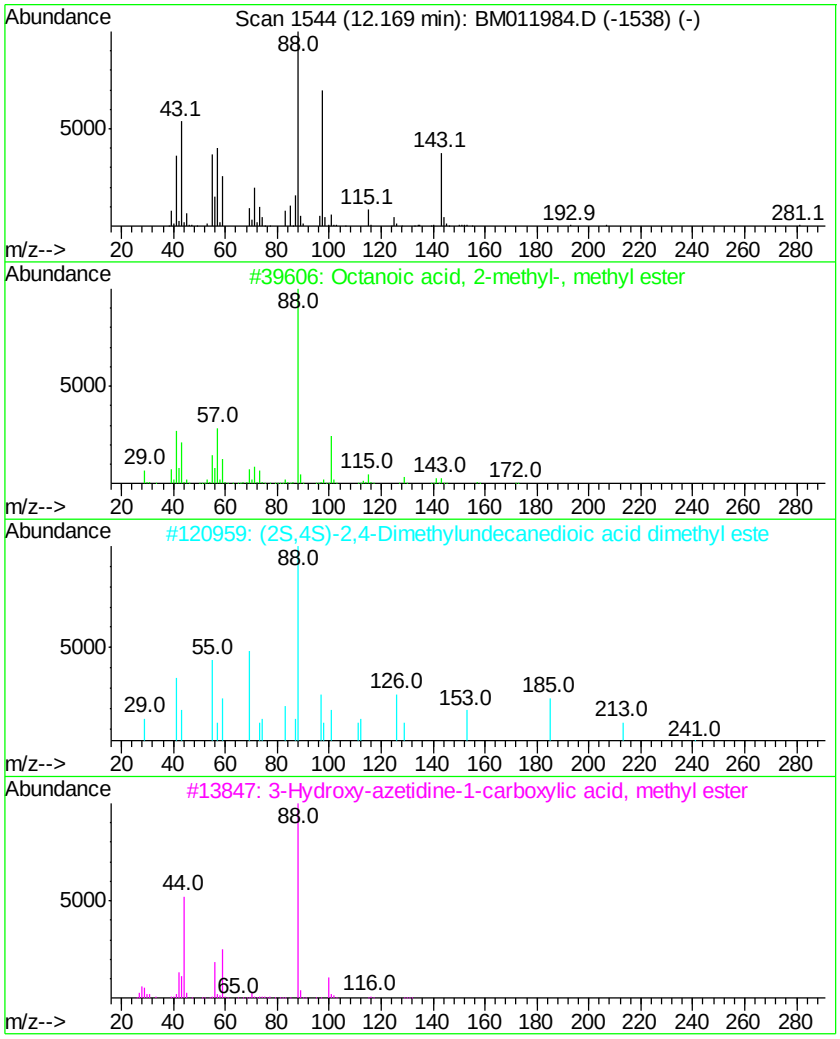
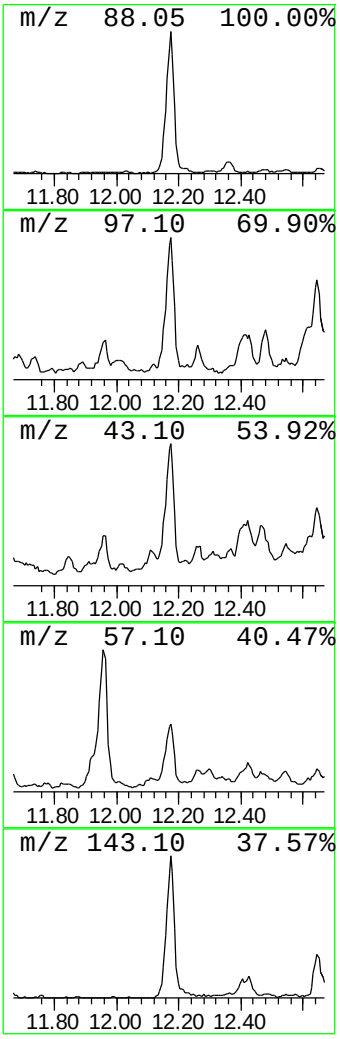
Peak Number 30 unknown-09 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.35 ng/ul	908402	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	43
2	(2S,4S)-2,4-Dimethylundecanedioi...	272	C15H28O4	085547-48-4	40
3	3-Hydroxy-azetidine-1-carboxylic...	131	C5H9NO3	118972-97-7	38
4	Butanoic acid, 2,3-dimethyl-, me...	130	C7H14O2	030540-29-5	38
5	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018450-78-7	38





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Instrument : BNA_M
ClientSampleId : TWP-B-42

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Quant Title : SVOA CALIBRATION

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

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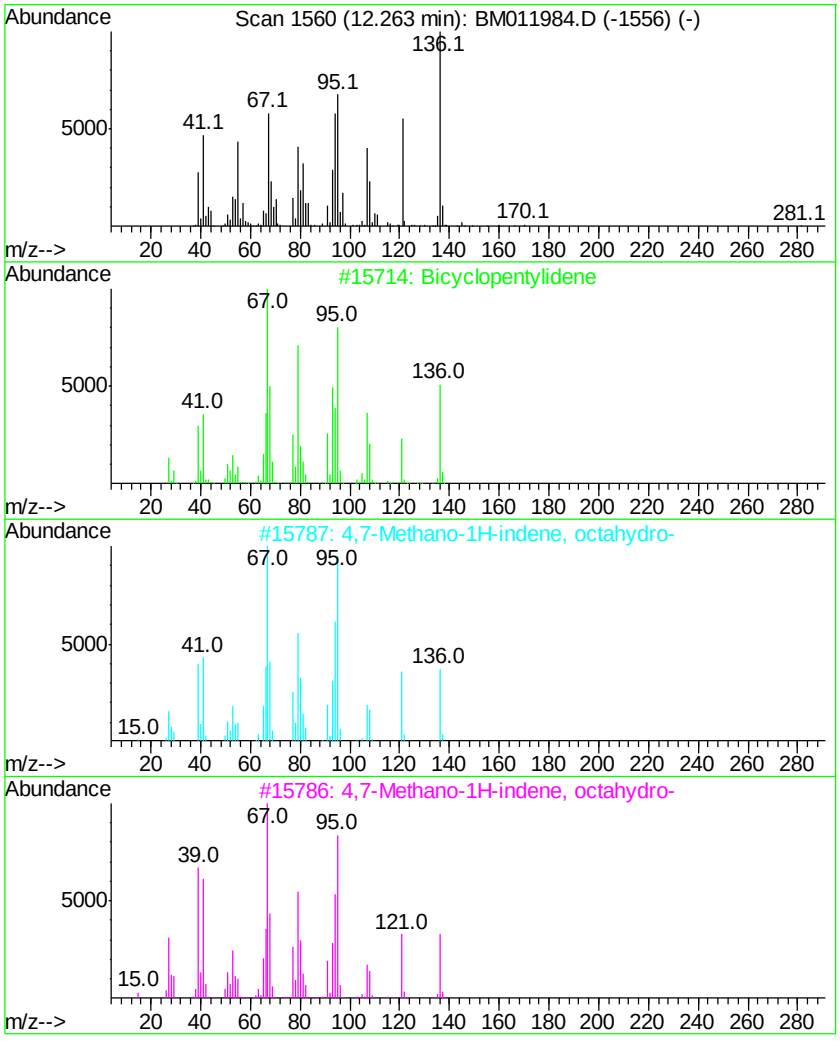
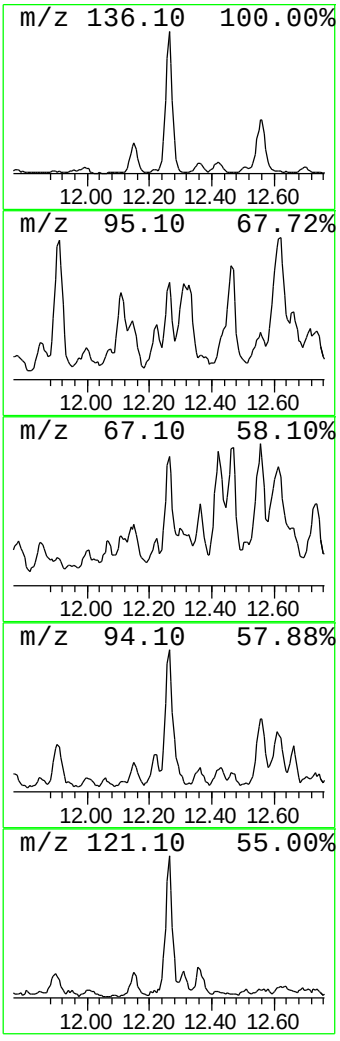
Peak Number 31 Bicyclopentylidene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.16 ng/ul	660798	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclopentylidene	136	C10H16	016189-35-8	93
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	91
3	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	89
4	2.alpha., 4a.alpha., 8a.alpha.-D...	154	C10H18O	001424-36-8	87
5	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

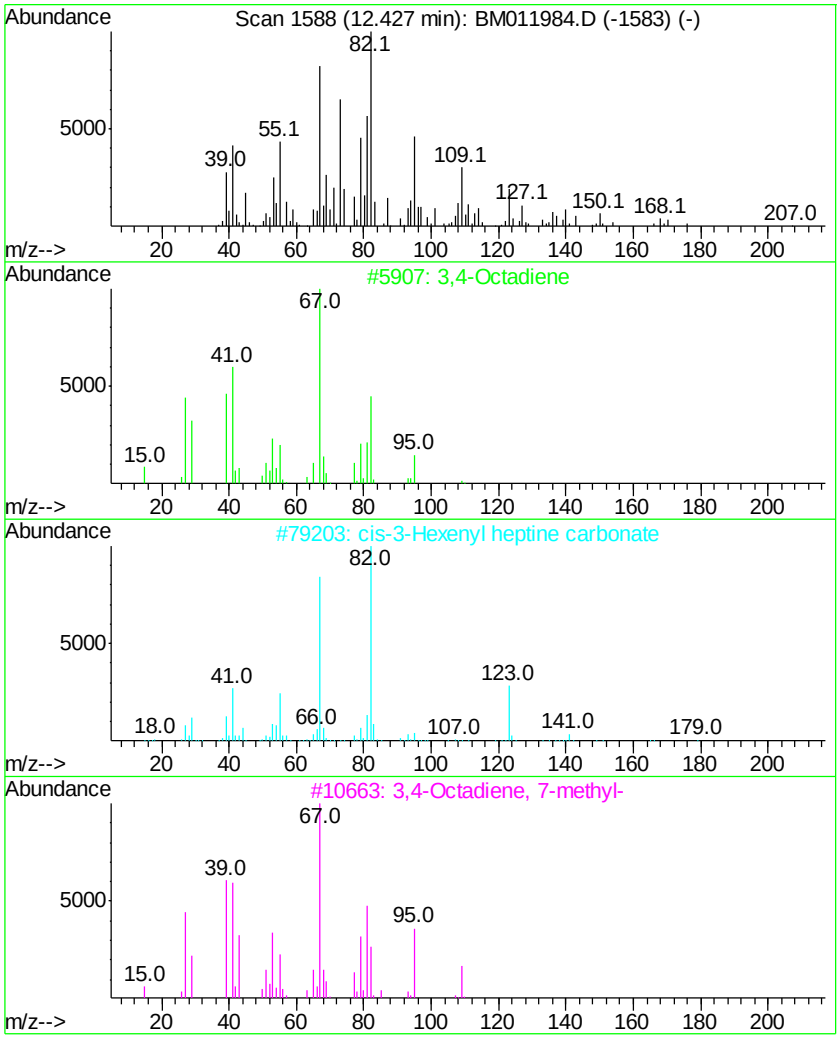
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

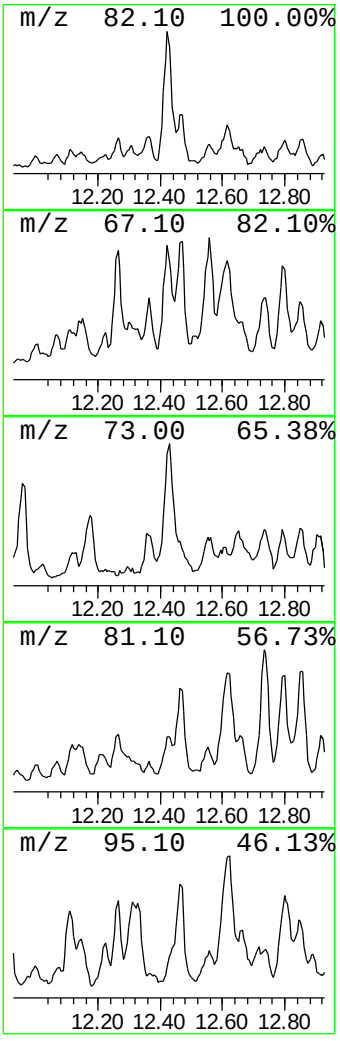
****

Peak Number 32 3,4-Octadiene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.19 ng/ul	458358	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene	110	C8H14	034511-01-8	53
2	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	47
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	43
4	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	43
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100817\
Data File : BM011984.D
Acq On : 08 Oct 2017 19:33
Operator : SJ/JU
Sample : I5695-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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
Bicyclo[3.2.1]octane	5.72	4.8	ng/ul	358644	1	7.85	1504910	20.0
unknown-01	6.14	3.7	ng/ul	279198	1	7.85	1504910	20.0
Benzene, (1-methy...	6.33	10.1	ng/ul	757937	1	7.85	1504910	20.0
unknown-02	6.83	4.8	ng/ul	358786	1	7.85	1504910	20.0
3-Octen-2-ol	7.11	16.9	ng/ul	1272040	1	7.85	1504910	20.0
unknown-03	7.75	18.9	ng/ul	1420860	1	7.85	1504910	20.0
p-Cymene	8.15	9.1	ng/ul	684584	1	7.85	1504910	20.0
Indane	8.22	41.0	ng/ul	3087680	1	7.85	1504910	20.0
Benzene, 1,4-diet...	8.33	17.2	ng/ul	1297220	1	7.85	1504910	20.0
unknown-04	8.89	15.9	ng/ul	1192510	1	7.85	1504910	20.0
Benzene, 2-ethyl-...	8.95	52.6	ng/ul	3958610	1	7.85	1504910	20.0
Benzene, (2-methy...	9.19	8.8	ng/ul	666270	1	7.85	1504910	20.0
Bicyclo[3.2.1]oct...	9.23	6.1	ng/ul	459736	1	7.85	1504910	20.0
1H-Indene, 2,3-di...	9.30	4.0	ng/ul	835820	2	10.66	4179460	20.0
Benzene, 1,2,4,5-...	9.48	22.9	ng/ul	4789620	2	10.66	4179460	20.0
(DEL) Alkane: Cyc...	9.58	2.9	ng/ul	599717	2	10.66	4179460	20.0
Benzene, 1-methyl...	10.05	22.0	ng/ul	4599050	2	10.66	4179460	20.0
O-Trifluoroacetyl...	10.39	10.0	ng/ul	2094620	2	10.66	4179460	20.0
unknown-05	10.50	2.1	ng/ul	433498	2	10.66	4179460	20.0
1H-Indene, 2,3-di...	10.76	2.1	ng/ul	430076	2	10.66	4179460	20.0
unknown-06	10.81	4.8	ng/ul	1007360	2	10.66	4179460	20.0
(DEL) Alkane: Cyc...	11.10	9.5	ng/ul	1986840	2	10.66	4179460	20.0
5H-Inden-5-one, o...	11.24	5.5	ng/ul	1150000	2	10.66	4179460	20.0
unknown-07	11.33	2.0	ng/ul	423537	2	10.66	4179460	20.0
Bicyclo[3.3.2]dec...	11.52	2.3	ng/ul	488741	2	10.66	4179460	20.0
unknown-08	11.57	3.0	ng/ul	622191	2	10.66	4179460	20.0
unknown-09	12.17	4.3	ng/ul	908402	2	10.66	4179460	20.0
Bicyclopentylidene	12.26	3.2	ng/ul	660798	2	10.66	4179460	20.0
3,4-Octadiene	12.43	2.2	ng/ul	458358	2	10.66	4179460	20.0