LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	3.452	24	28	33	rBV	19663	29073	2.41%	0.145%
2	3.740	72	77	82	rBV	30666	40781	3.38%	0.204%
3	6.228	495	500	509	rVB2	21033	33842	2.80%	0.169%
4	6.981	623	628	633	rBV	23489	37219	3.08%	0.186%
5	7.363	682	693	700	rBV4	162130	356428	29.53%	1.782%
6	7.428	700	704	712	rVV	103178	168195	13.94%	0.841%
7	7.510	712	718	727	rVV	220603	357720	29.64%	1.789%
8	7.616	727	736	747	rVB5	46335	131471	10.89%	0.657%
9	7.710	747	752	773	rBV	291273	568155	47.07%	2.841%
10	8.057	804	811	819	rVB4	18350	40338	3.34%	0.202%
11	8.140	819	825	828	rBV3	14787	26231	2.17%	0.131%
12	8.187	828	833	845	rVV	245679	416839	34.54%	2.085%
13	8.287	845	850	855	rVV3	34010	64337	5.33%	0.322%
14	8.357	855	862	870	rVV6	20235	73062	6.05%	0.365%
15	8.534	870	892	901	rVB2	253722	989202	81.96%	4.947%
16	8.640	905	910	912	rVV2	18878	31554	2.61%	0.158%
17	8.663	912	914	919	rVB2	17236	23720	1.97%	0.119%
18	8.751	924	929	935	rVB4	15094	28987	2.40%	0.145%
19	8.857	942	947	950	rBV2	13372	22707	1.88%	0.114%
20	8.910	950	956	967	rVV	231491	457771	37.93%	2.289%
21	9.010	967	973	977	rVB5	19534	35356	2.93%	0.177%
22	9.234	992	1011	1014	rBV3	153690	539698	44.72%	2.699%
23	9.334	1020	1028	1031	rBV	184590	407255	33.74%	2.037%
24	9.369	1031	1034	1042	rVB	333624	609505	50.50%	3.048%
25	9.440	1042	1046	1048	rBV2	23350	34754	2.88%	0.174%
26	9.469	1048	1051	1063	rVB5	64476	137017	11.35%	0.685%
27	9.975	1131	1137	1139	rBV3	24481	42618	3.53%	0.213%
28	10.010	1139	1143	1152	rVB3	118073	207544	17.20%	1.038%
29	10.093	1152	1157	1164	rBV	273843	469525	38.90%	2.348%
30	10.228	1172	1180	1186	rBV7	19670	47995	3.98%	0.240%
31	10.287	1186	1190	1197	rVB7	14768	30674	2.54%	0.153%
32	10.357	1197	1202	1205	rBV3	20530	34550	2.86%	0.173%
33	10.569	1233	1238	1243	rVB4	19644	40718	3.37%	0.204%
34	10.634	1243	1249	1259	rBV	374346	680054	56.34%	3.401%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

35	10.722	1259	1264	1269	rVV7	26346	56396	4.67%	0.282%
36	10.775	1269	1273	1279	rVB6	24091	46894	3.89%	0.235%
37	11.004	1306	1312	1324	rVB	321535	557707	46.21%	2.789%
38	11.145	1332	1336	1340	rBV3	24280	37800	3.13%	0.189%
39	11.257	1348	1355	1360	rBV5	21462	45812	3.80%	0.229%
40	11.375	1365	1375	1378	rVV7	19830	59362	4.92%	0.297%
41	11.440	1378	1386	1394	rVB	123940	289675	24.00%	1.449%
42	11.634	1415	1419	1422	rBV3	23551	41033	3.40%	0.205%
43	11.698	1426	1430	1433	rVV2	30524	44823	3.71%	0.224%
44	11.804	1443	1448	1453	rBV2	51707	91923	7.62%	0.460%
45	11.863	1454	1458	1463	rVB4	26521	49499	4.10%	0.248%
46	11.928	1465	1469	1475	rBV8	11122	24571	2.04%	0.123%
47	12.151	1503	1507	1512	rVB6	15936	23190	1.92%	0.116%
48	12.251	1519	1524	1530	rBV3	30297	52703	4.37%	0.264%
49	12.304	1530	1533	1541	rBV6	15664	24807	2.06%	0.124%
50	12.445	1549	1557	1562	rVB6	22259	57324	4.75%	0.287%
51	12.545	1568	1574	1582	rBV8	19546	54928	4.55%	0.275%
52	12.663	1590	1594	1601	rVB7	20360	45347	3.76%	0.227%
53	12.757	1601	1610	1617	rBV8	20232	52922	4.38%	0.265%
54	12.904	1630	1635	1644	rBV10	33558	91960	7.62%	0.460%
55	12.986	1644	1649	1657	rBV7	25187	56325	4.67%	0.282%
56	13.198	1682	1685	1691	rVB4	34997	49386	4.09%	0.247%
57	13.375	1701	1715	1721	rBV10	37292	135805	11.25%	0.679%
58	13.428	1721	1724	1728	rVB5	23211	30304	2.51%	0.152%
59	13.486	1729	1734	1739	rVB6	14473	27028	2.24%	0.135%
60	13.704	1766	1771	1774	rBV4	17479	28942	2.40%	0.145%
61	13.786	1780	1785	1786	rBV3	16472	24108	2.00%	0.121%
62	13.822	1787	1791	1795	rVV7	23679	42679	3.54%	0.213%
63	14.051	1822	1830	1836	rBV7	27530	67281	5.57%	0.336%
64	14.116	1838	1841	1847	rVB7	25484	38720	3.21%	0.194%
65	14.222	1853	1859	1865	rVB	665390	872055	72.25%	4.361%
66	14.422	1889	1893	1901	rBV6	36716	79380	6.58%	0.397%
67	14.516	1902	1909	1918	rVV	691003	1056139	87.50%	5.282%
68	14.610	1921	1925	1936	rVB4	32950	69554	5.76%	0.348%
69	14.816	1951	1960	1966	rBV2	424282	655540	54.31%	3.278%
70	14.910	1971	1976	1981	rBV6	20570	38081	3.16%	0.190%
71	14.975	1981	1987	1991	rBV7	19182	32834	2.72%	0.164%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

72	15.063	1998	2002	2013	rBV6	37811	104507	8.66%	0.523%
73	15.180	2020	2022	2032	rVB9	18185	34007	2.82%	0.170%
74	15.269	2032	2037	2040	rBV3	29075	51238	4.25%	0.256%
75	15.298	2040	2042	2046	rVV2	23568	31159	2.58%	0.156%
76	15.345	2046	2050	2055	rVB3	16932	24176	2.00%	0.121%
77	15.522	2076	2080	2083	rBV5	22208	30492	2.53%	0.152%
78	15.604	2090	2094	2102	rVB3	32237	57447	4.76%	0.287%
79	15.804	2122	2128	2138	rVB	840353	1206959	100.00%	6.036%
80	15.945	2147	2152	2159	rBV	223747	326573	27.06%	1.633%
81	16.216	2190	2198	2204	rVB2	47755	85835	7.11%	0.429%
82	16.339	2215	2219	2222	rBV2	25607	35673	2.96%	0.178%
83	16.380	2222	2226	2231	rVB4	41855	68468	5.67%	0.342%
84	16.539	2246	2253	2257	rBV2	29611	57798	4.79%	0.289%
85	16.598	2257	2263	2268	rVB3	35863	68012	5.63%	0.340%
86	16.739	2284	2287	2291	rBV2	28600	36576	3.03%	0.183%
87	17.151	2352	2357	2362	rBV5	14388	24741	2.05%	0.124%
88	17.286	2375	2380	2384	rBV3	19361	32386	2.68%	0.162%
89	17.333	2384	2388	2394	rBV4	23126	38583	3.20%	0.193%
90	17.545	2418	2424	2431	rBV2	449697	627822	52.02%	3.140%
91	17.645	2435	2441	2453	rVV	781335	1106304	91.66%	5.533%
92	18.392	2564	2568	2576	rVB3	25545	40728	3.37%	0.204%
93	18.910	2651	2656	2659	rBV4	21822	30993	2.57%	0.155%
94	19.010	2669	2673	2680	rBV	88480	116664	9.67%	0.583%
95	19.645	2778	2781	2789	rBV6	27037	35708	2.96%	0.179%
96	19.910	2820	2826	2833	rBV	865866	1092018	90.48%	5.461%
97	20.021	2842	2845	2849	rBV4	18935	24156	2.00%	0.121%
98	21.668	3120	3125	3131	rBV	492026	648440	53.73%	3.243%
99	23.874	3494	3500	3511	rVB	569842	1096480	90.85%	5.483%
100	24.027	3520	3526	3533	rVB2	299112	594351	49.24%	2.972%

Sum of corrected areas: 19996026

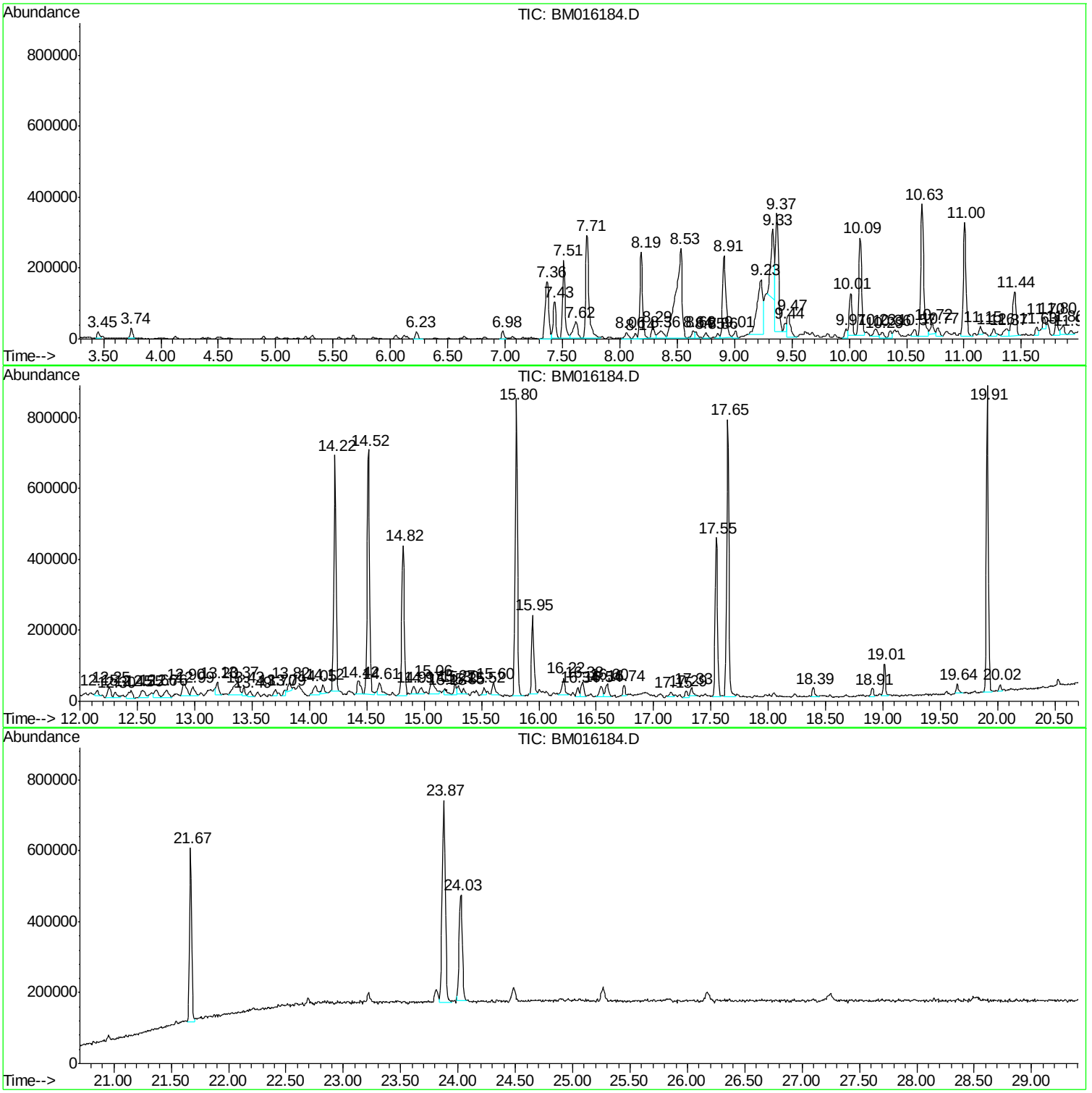
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
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Acq On : 03 Aug 2018 17:56
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

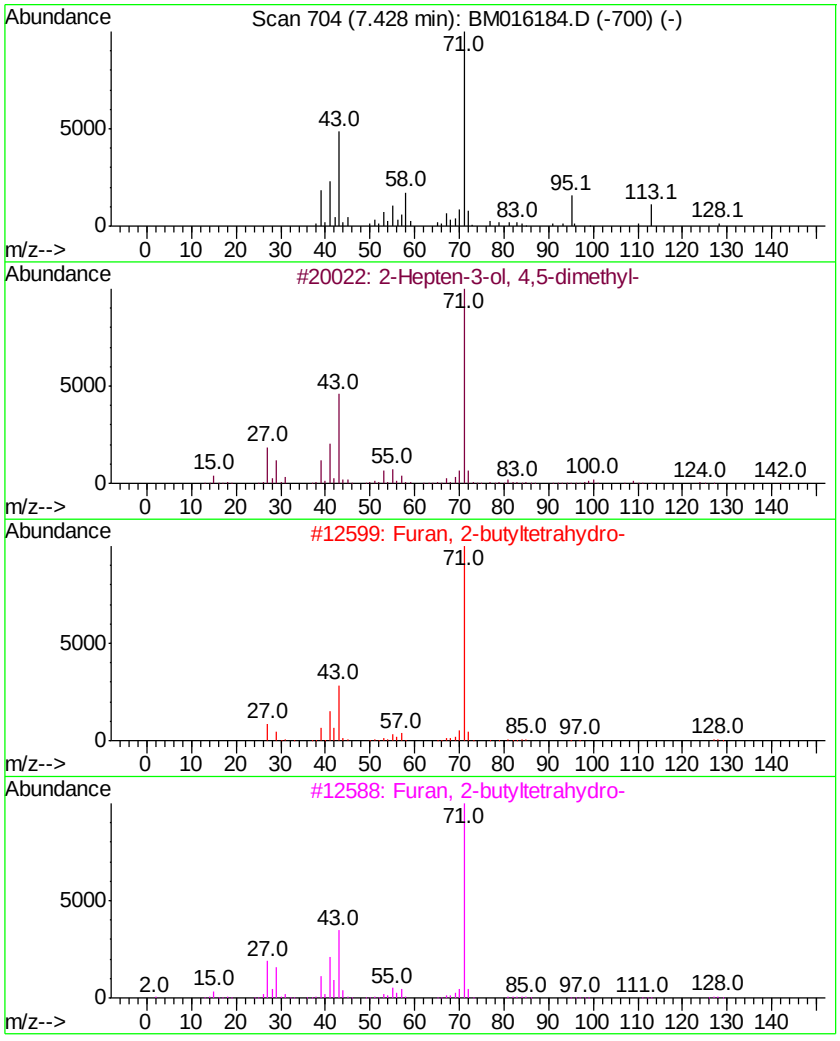
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

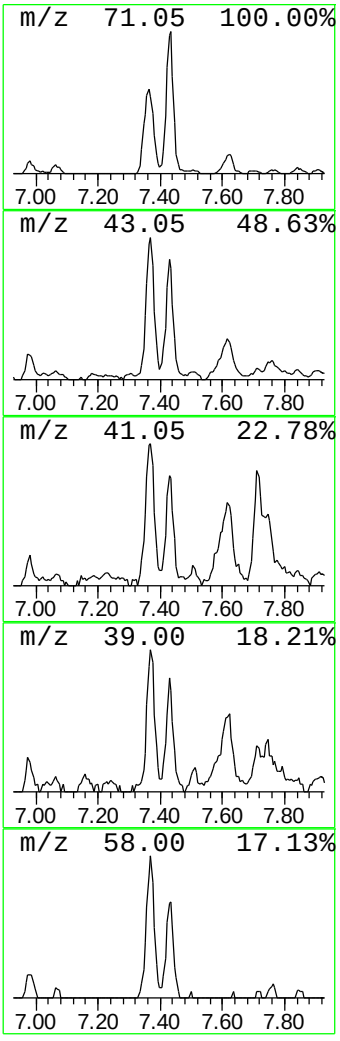
****

Peak Number 1 2-Hepten-3-ol, 4,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	8.07 ng/ul	168195	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	53
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	53
3	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	53
4	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	50
5	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

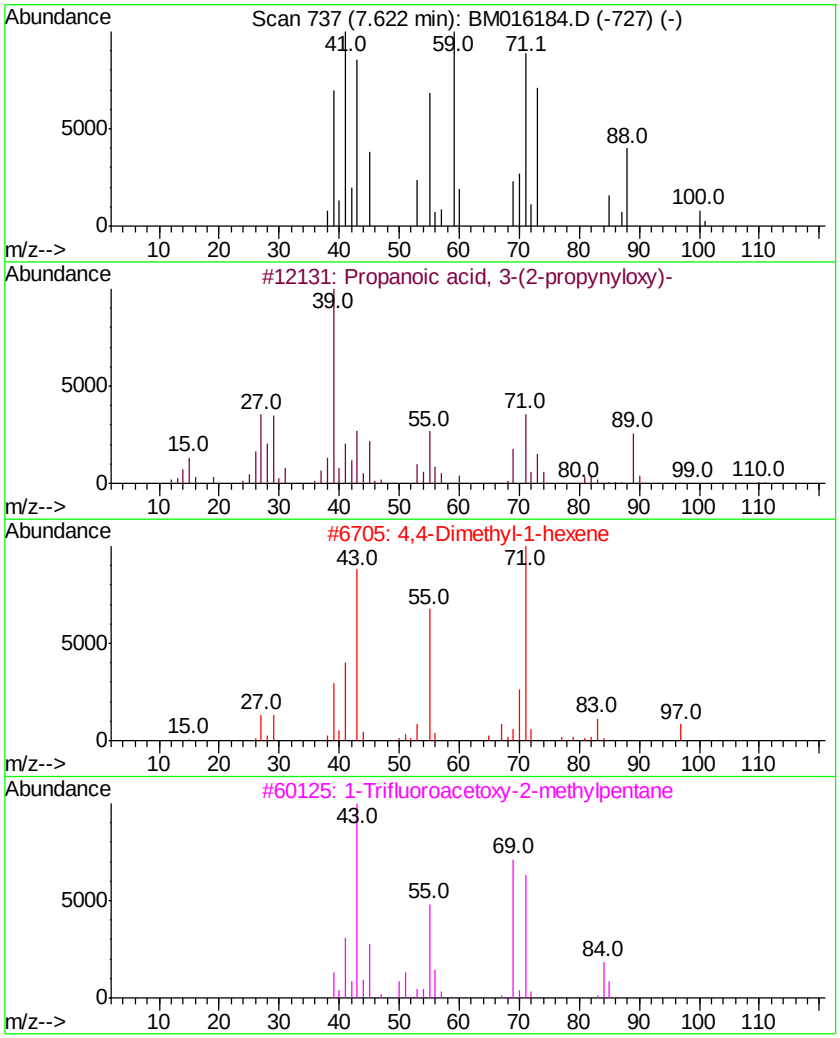
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

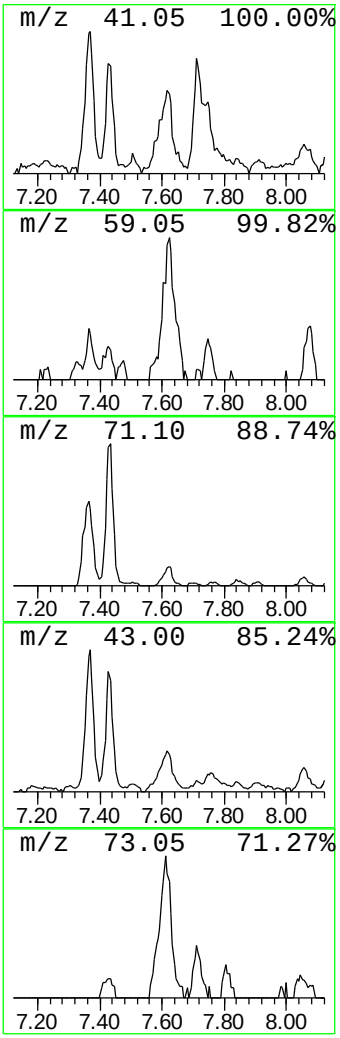
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	6.31 ng/ul	131471	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-(2-propynyloxy)-	128	C6H8O3	055683-37-9	25
2	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	22
3	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	17
4	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	17
5	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	12





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

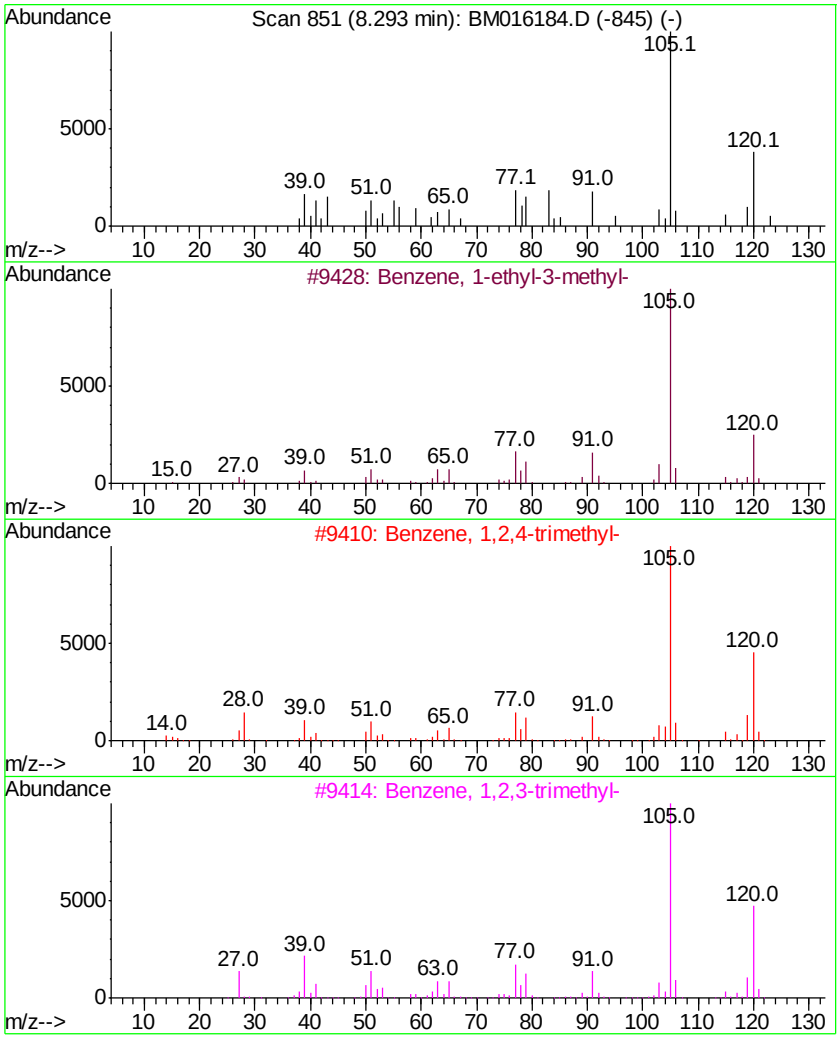
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

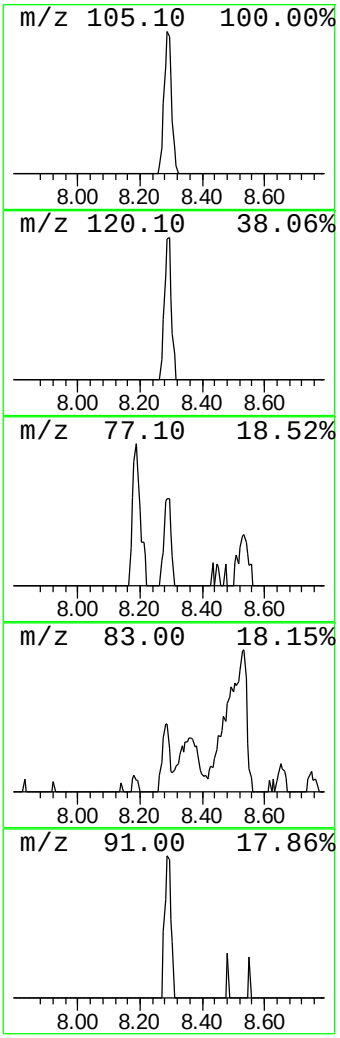
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	3.09 ng/ul	64337	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
4	Mesitylene	120	C9H12	000108-67-8	58
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52





Library Search Compound Report

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ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

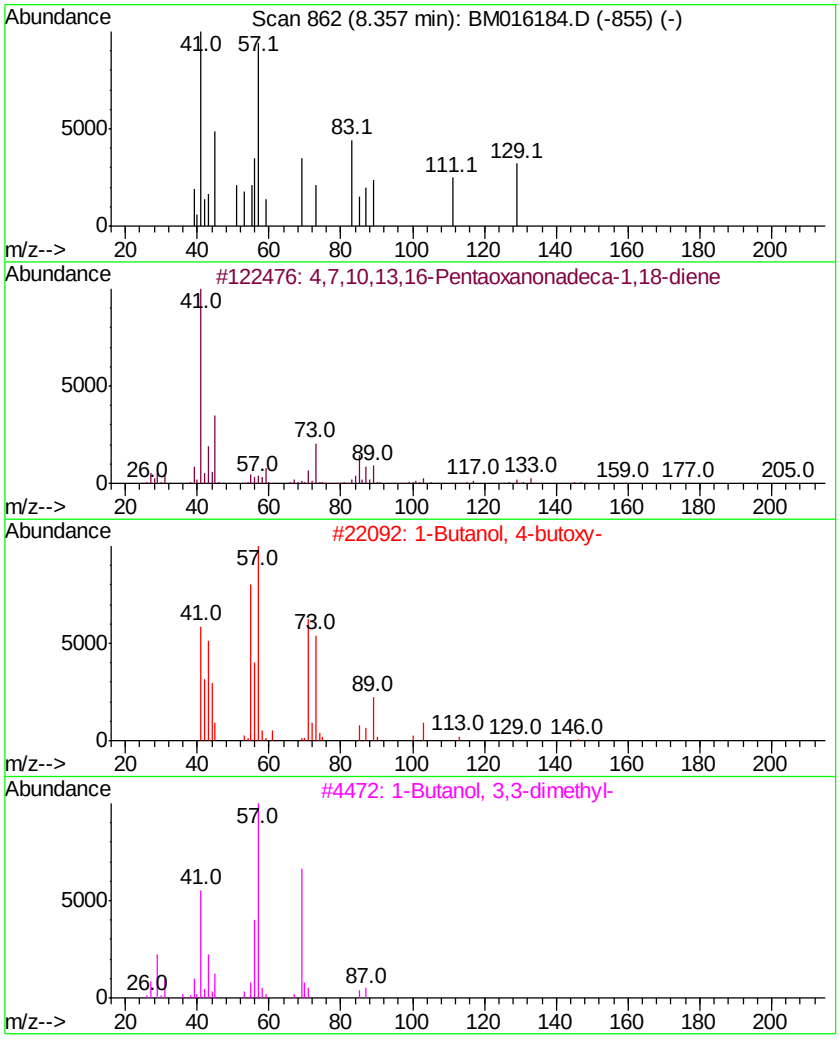
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

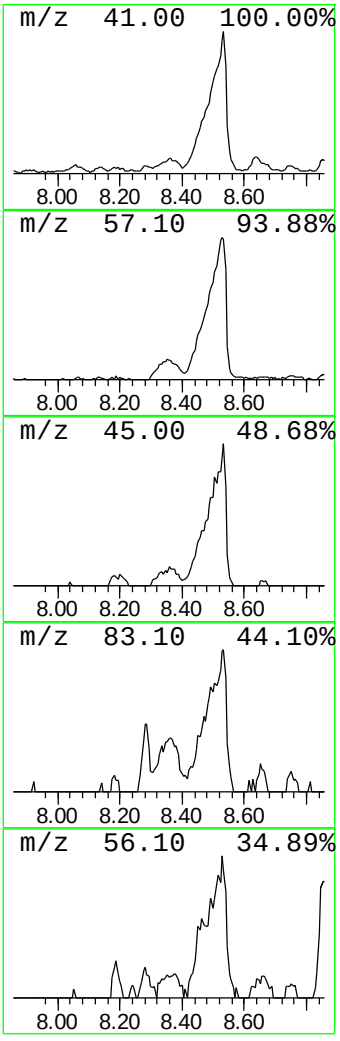
****

Peak Number 4 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	3.51 ng/ul	73062	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7,10,13,16-Pentaoxanonadeca-1,...	274	C14H26O5	058185-54-9	17
2	1-Butanol, 4-butoxy-	146	C8H18O2	004161-24-4	9
3	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	9
4	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	9
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

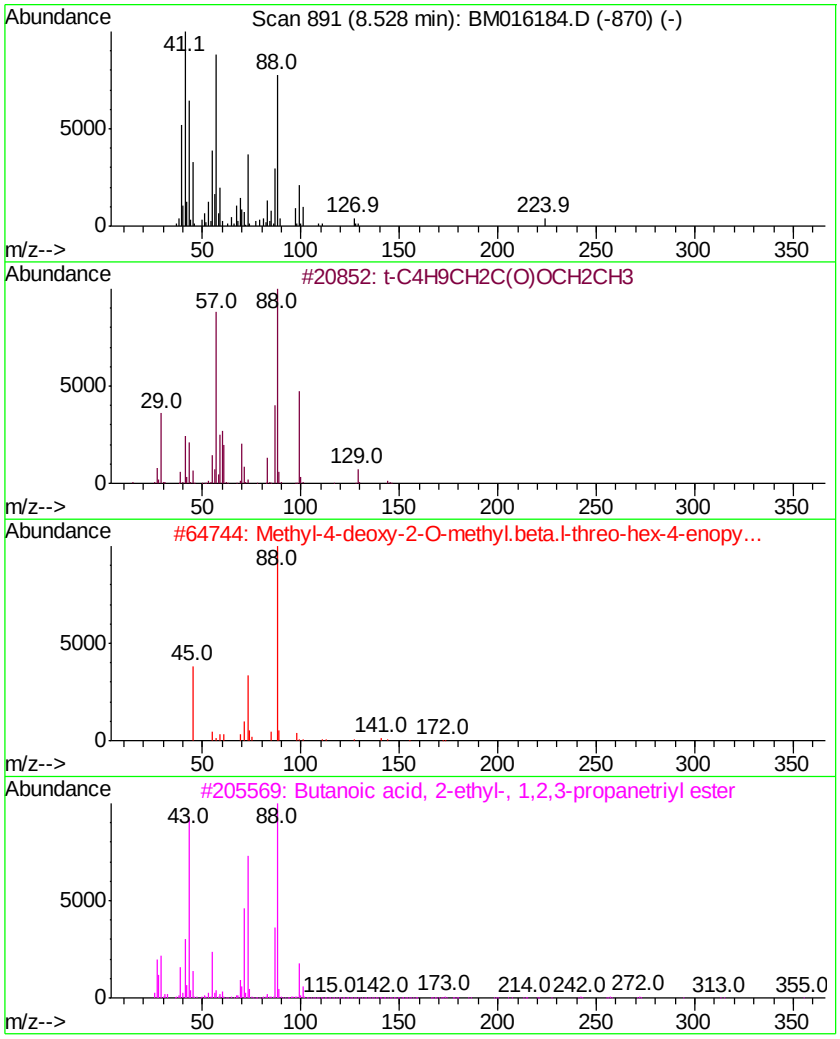
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

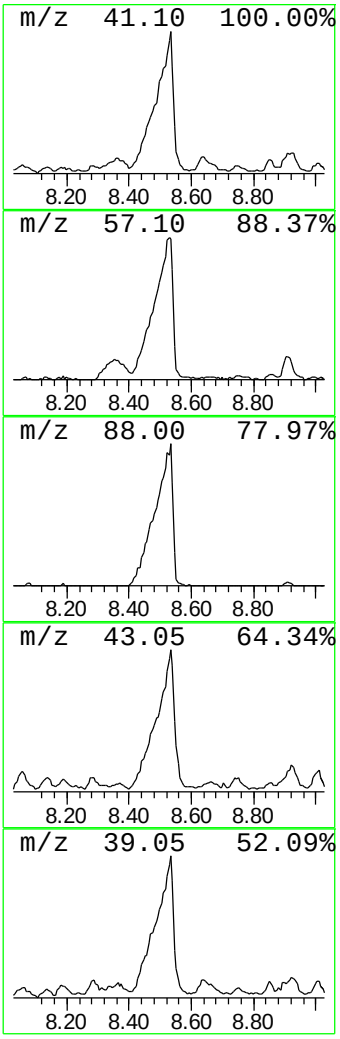
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	47.46 ng/ul	989202	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	t-C4H9CH2C(O)OCH2CH3	144	C8H16O2	005340-78-3	38
2	Methyl-4-deoxy-2-O-methyl.beta.l...	204	C8H12O6	1000312-10-0	38
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	37
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	35
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	35





Library Search Compound Report

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Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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Quant Title : SVOA CALIBRATION

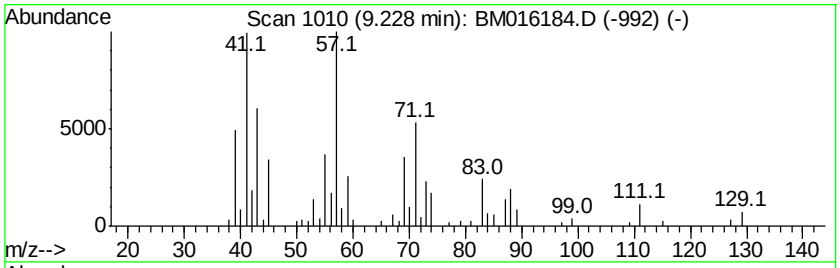
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

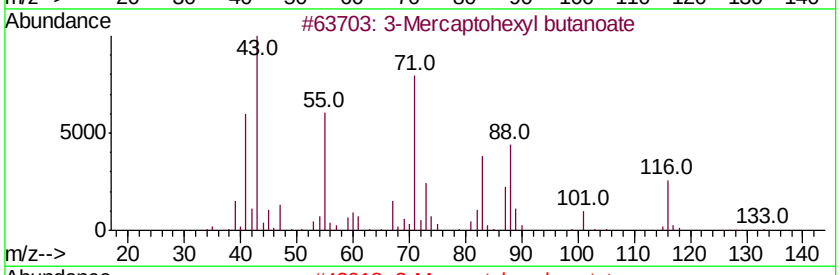
****

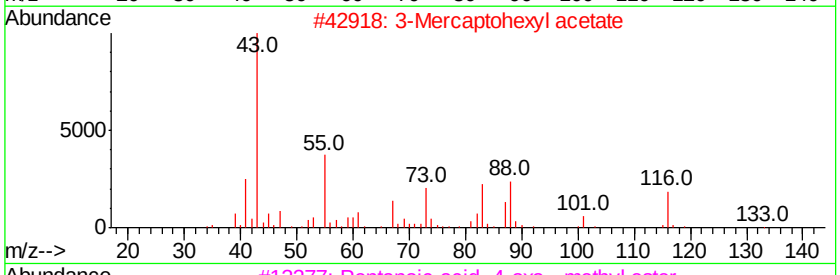
Peak Number 6 unknown-04 Concentration Rank 2

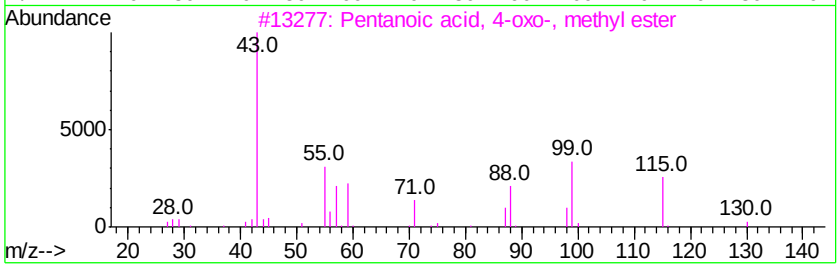
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	25.89 ng/ul	539698	1,4-Dichlorobenzene-d4	8.19

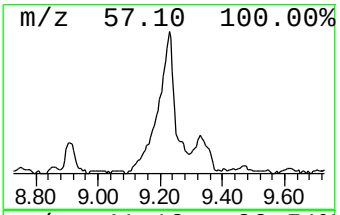
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	43
2	3-Mercaptohexyl acetate	176	C8H16O2S	136954-20-6	27
3	Pentanoic acid, 4-oxo-, methyl e...	130	C6H10O3	000624-45-3	22
4	Pentane, 1-butoxy-	144	C9H20O	018636-66-3	22
5	3-Mercaptohexyl hexanoate	232	C12H24O2S	136954-22-8	22

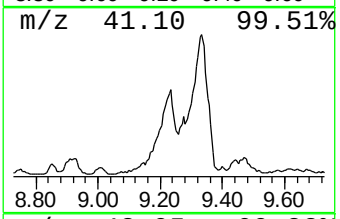


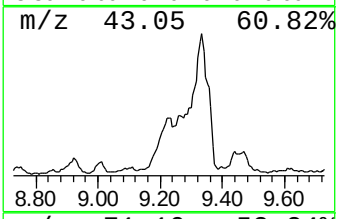


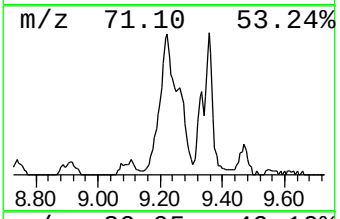


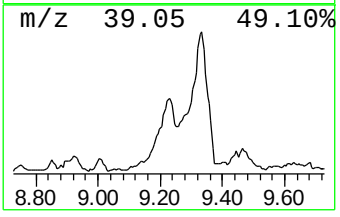












Library Search Compound Report

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Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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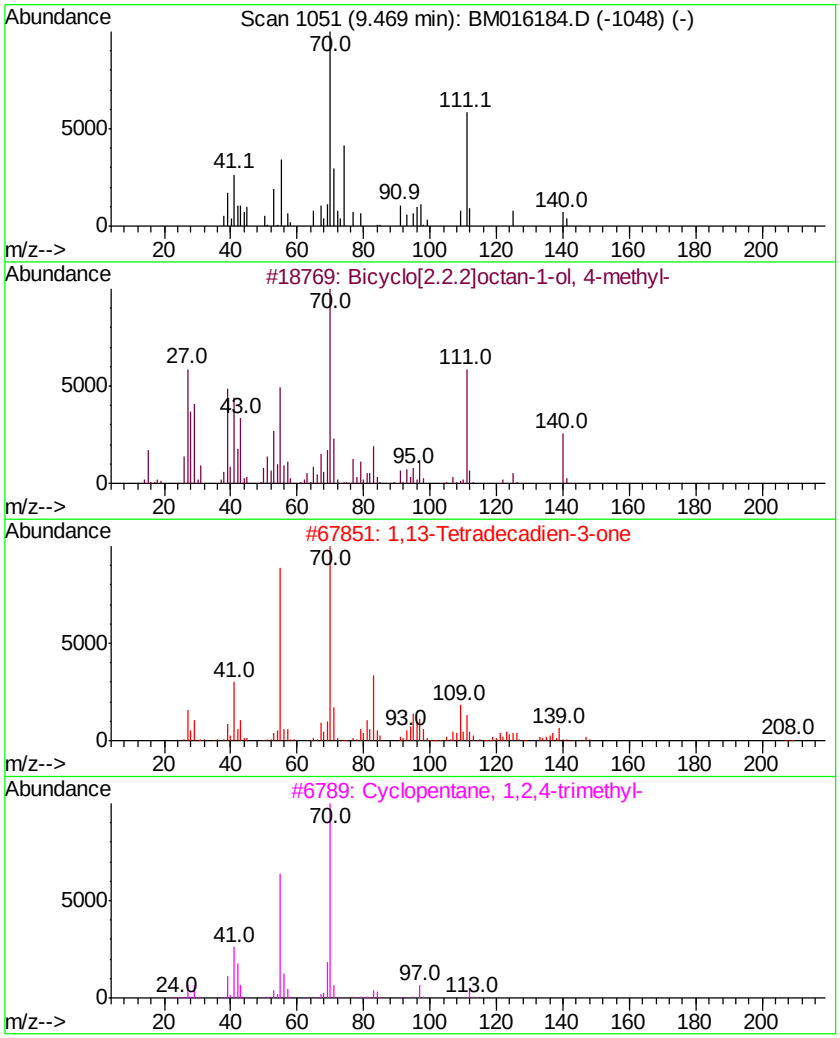
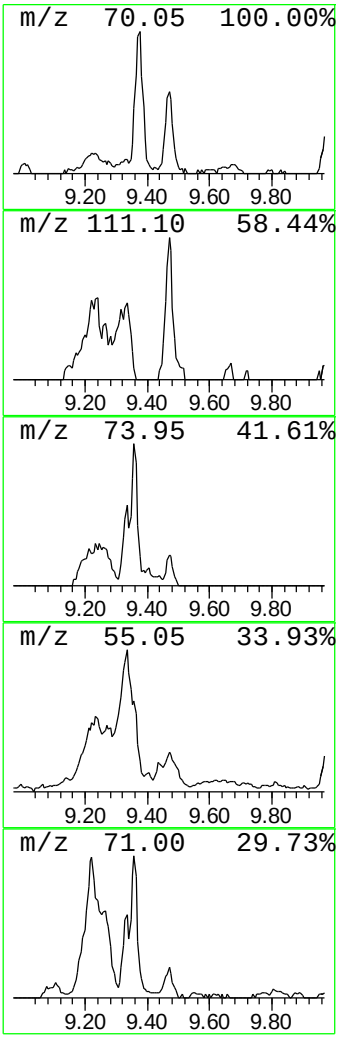
Peak Number 7 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	6.57 ng/ul	137017	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octan-1-ol, 4-methyl-	140	C9H16O	000824-13-5	30
2	1,13-Tetradecadien-3-one	208	C14H24O	058879-40-6	20
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	17
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	17
5	Heptanal	114	C7H14O	000111-71-7	12





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Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

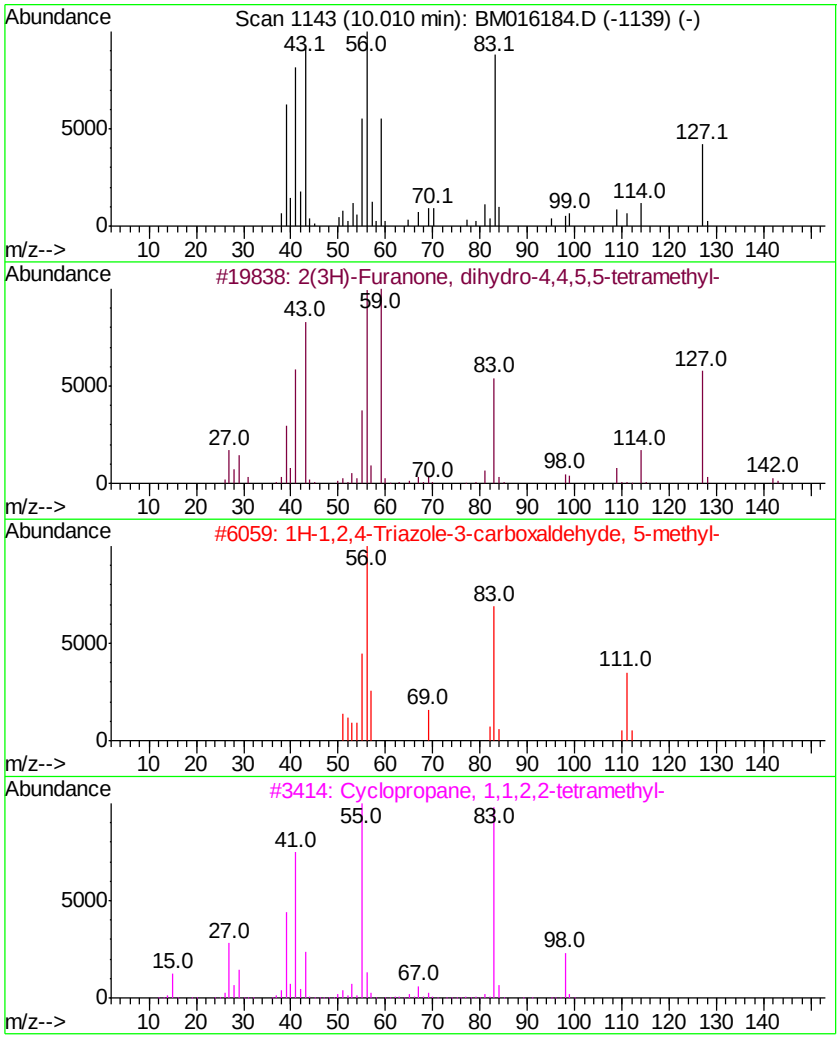
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

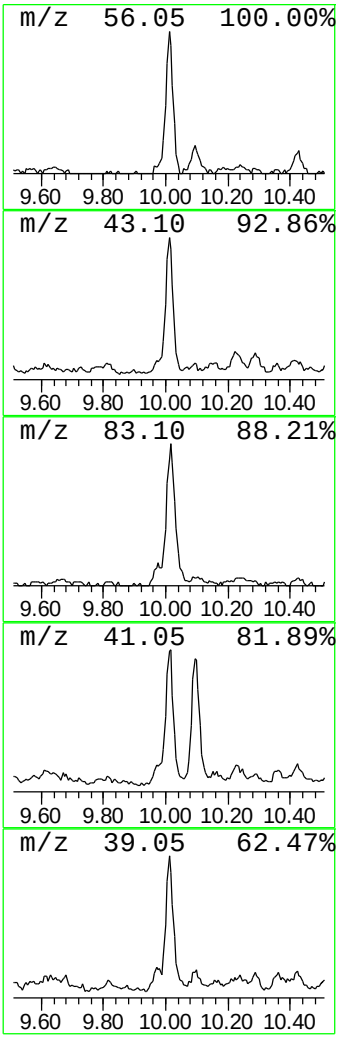
****

Peak Number 8 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	7.44 ng/ul	207544	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	38
2	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	38
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	35
4	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	27
5	1-Butene	56	C4H8	000106-98-9	22





Library Search Compound Report

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Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : C0AD3

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Quant Title : SVOA CALIBRATION

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

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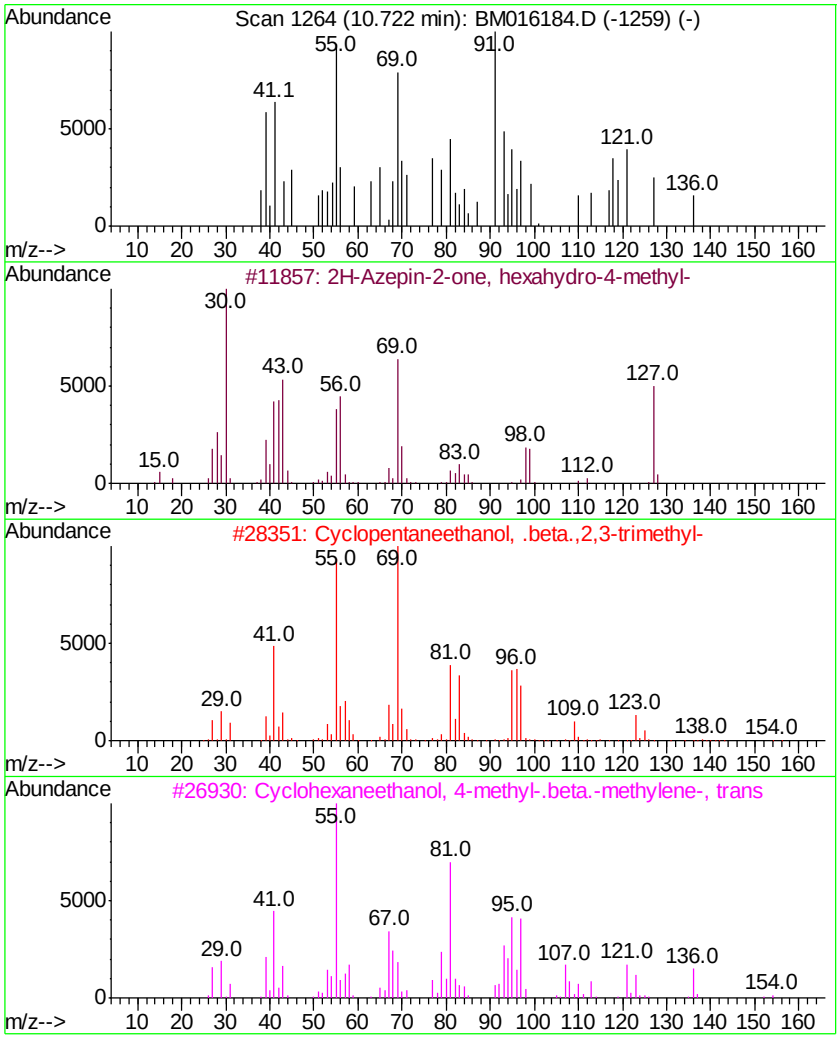
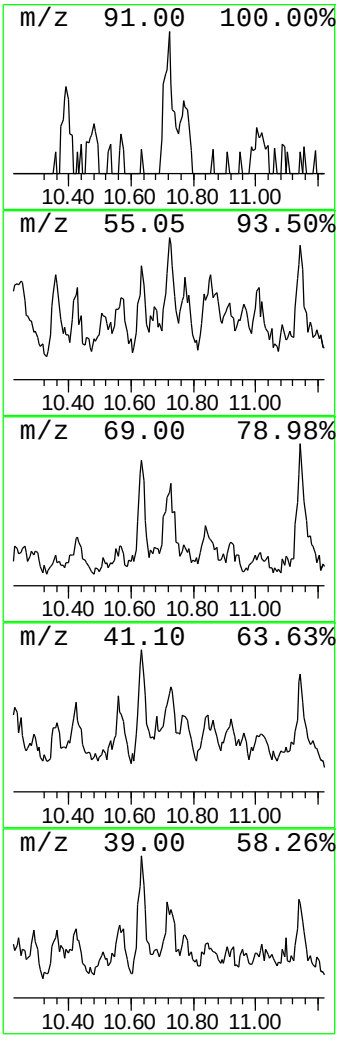
Peak Number 9 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.02 ng/ul	56396	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	27
2	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	25
3	Cyclohexaneethanol, 4-methyl-.be...	154	C10H18O	015714-12-2	14
4	Pentanal, 2,2-dimethyl-, hydrazone	128	C7H16N2	055724-26-0	14
5	2-Methylthiolane,S-oxide	118	C5H10OS	035539-62-9	12





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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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Quant Title : SVOA CALIBRATION

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

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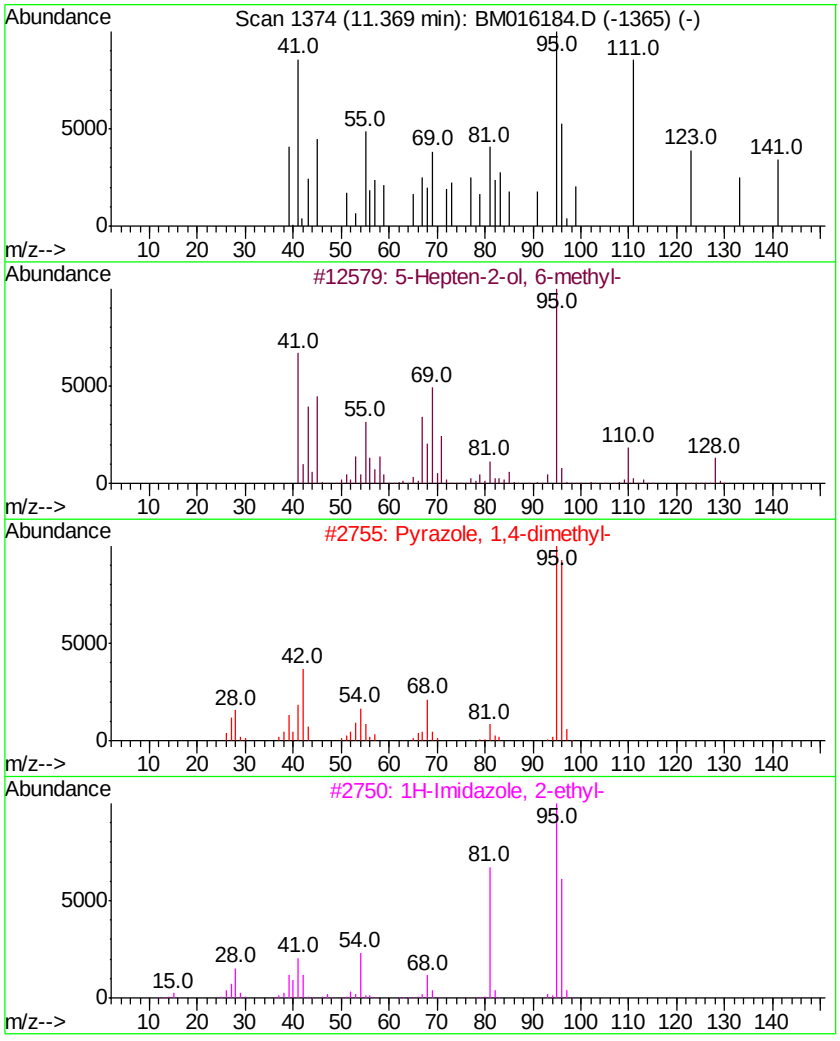
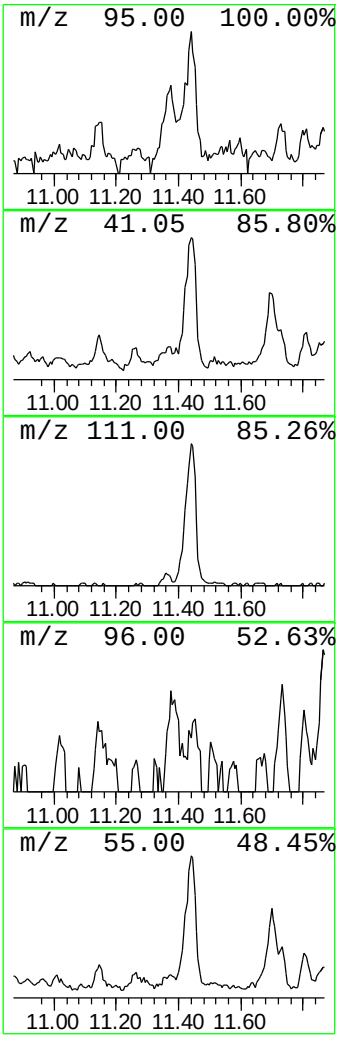
Peak Number 10 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.13 ng/ul	59362	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hepten-2-ol, 6-methyl-	128	C8H16O	001569-60-4	27
2	Pyrazole, 1,4-dimethyl-	96	C5H8N2	001072-68-0	22
3	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	22
4	6-Hepten-1-ol, 2-methyl-	128	C8H16O	1000132-12-0	22
5	1H-Pyrazole, 3,4-dimethyl-	96	C5H8N2	002820-37-3	22





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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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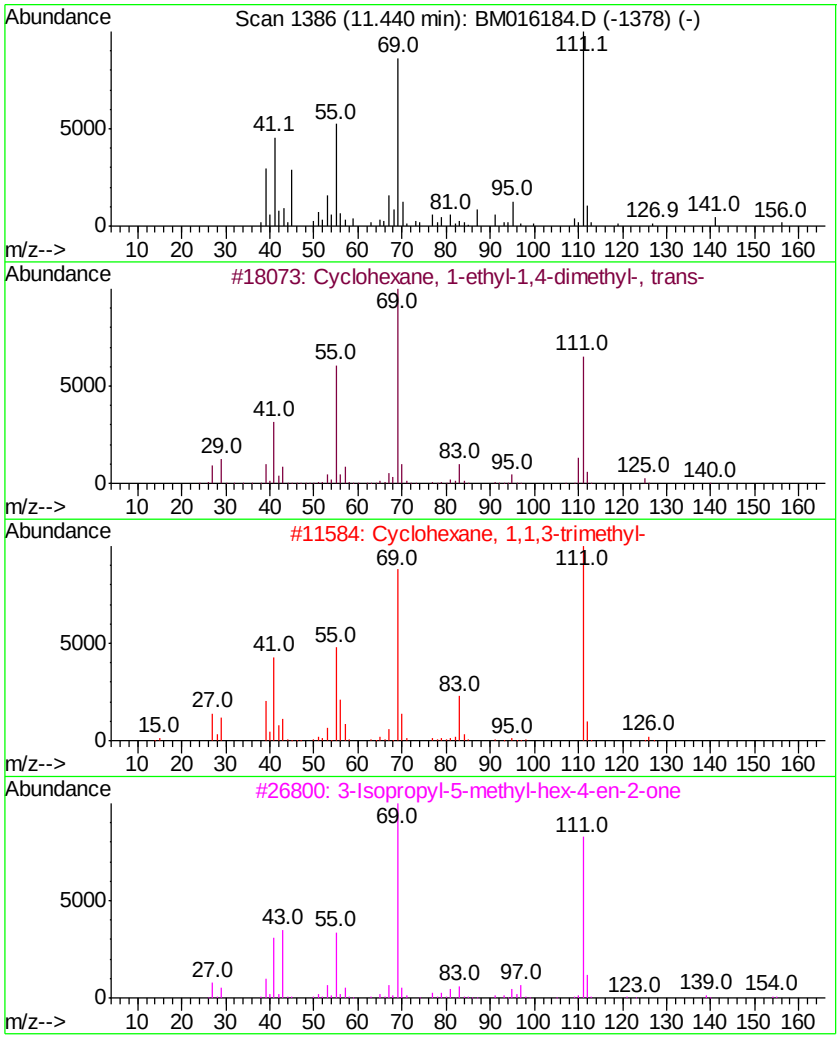
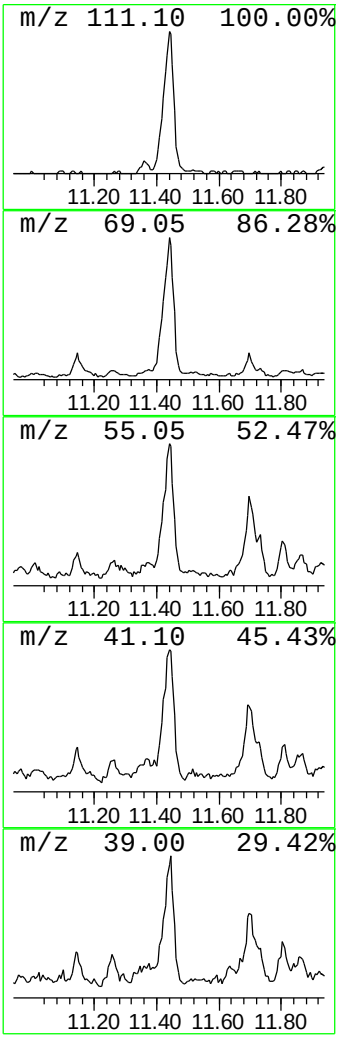
Peak Number 11 (DEL) Alkane: Cyclic11.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	10.39 ng/ul	289675	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59
4	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	50
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AD3

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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 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.30 ng/ul	91923	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	25
2	p-Xylene	106	C8H10	000106-42-3	22
3	o-Xylene	106	C8H10	000095-47-6	22
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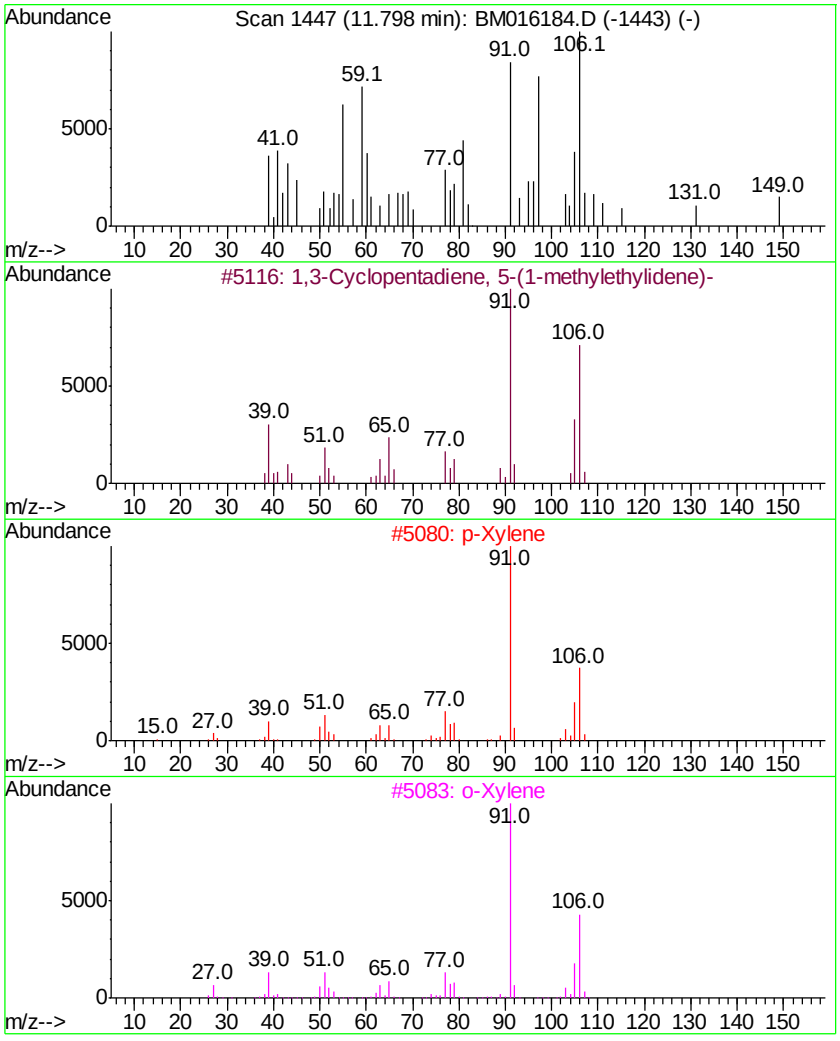
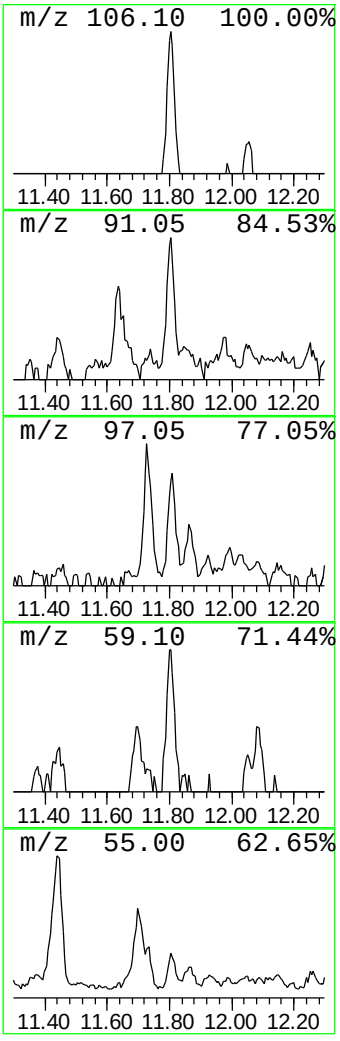
5	3,5-Octadiyne	106	C8H10	016387-70-5	11





Library Search Compound Report

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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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Quant Title : SVOA CALIBRATION

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

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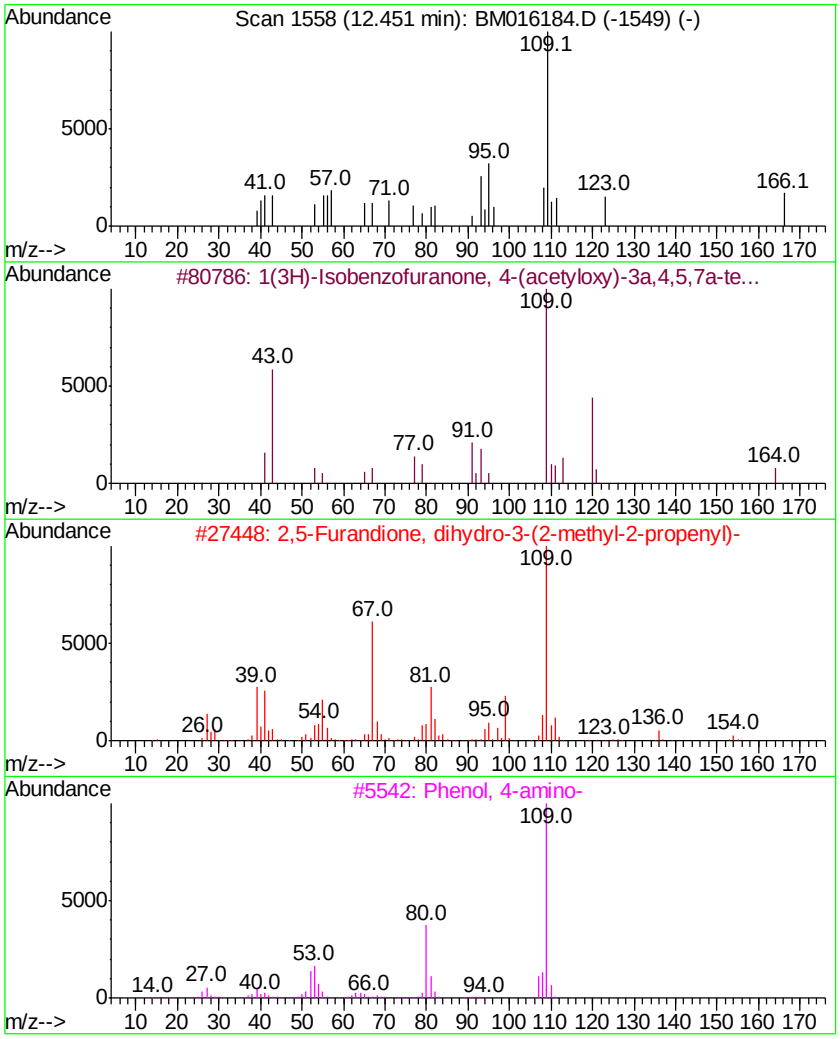
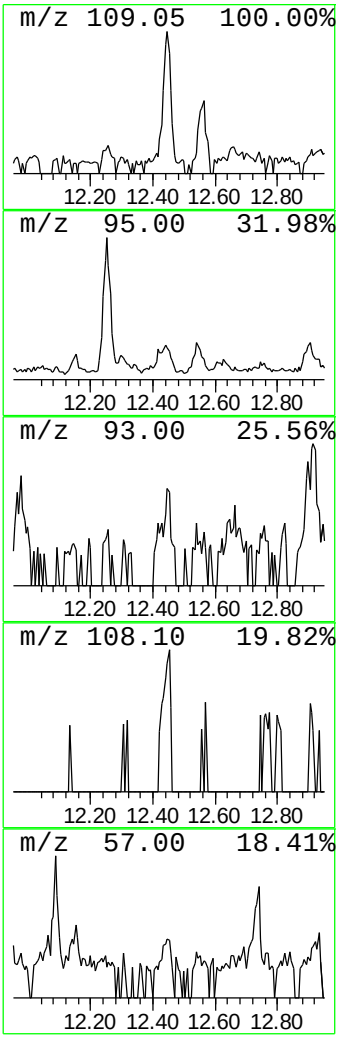
Peak Number 13 1(3H)-Isobenzofuranone, 4-(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.06 ng/ul	57324	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone, 4-(acetv...	224	C12H16O4	054346-07-5	50
2	2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	47
3	Phenol, 4-amino-	109	C6H7NO	000123-30-8	46
4	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	45
5	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	43





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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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Quant Title : SVOA CALIBRATION

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

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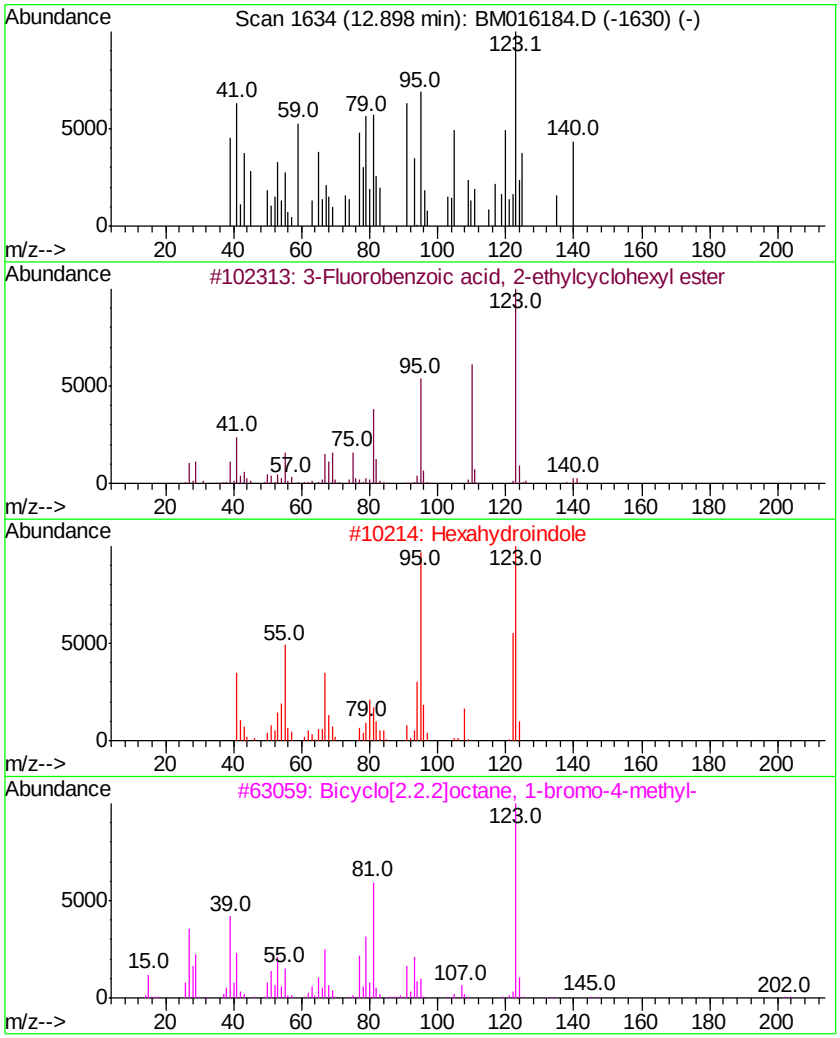
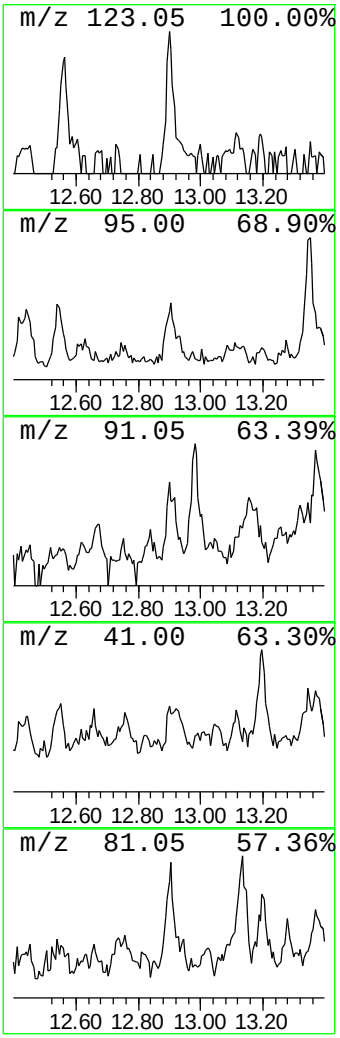
Peak Number 14 unknown-10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.30 ng/ul	91960	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	32
2	Hexahydroindole	123	C8H13N	018159-32-5	30
3	Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	22
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	16
5	Bicyclo[4.1.0]heptane-7-carboxyl...	258	C16H18O3	1000311-46-7	12





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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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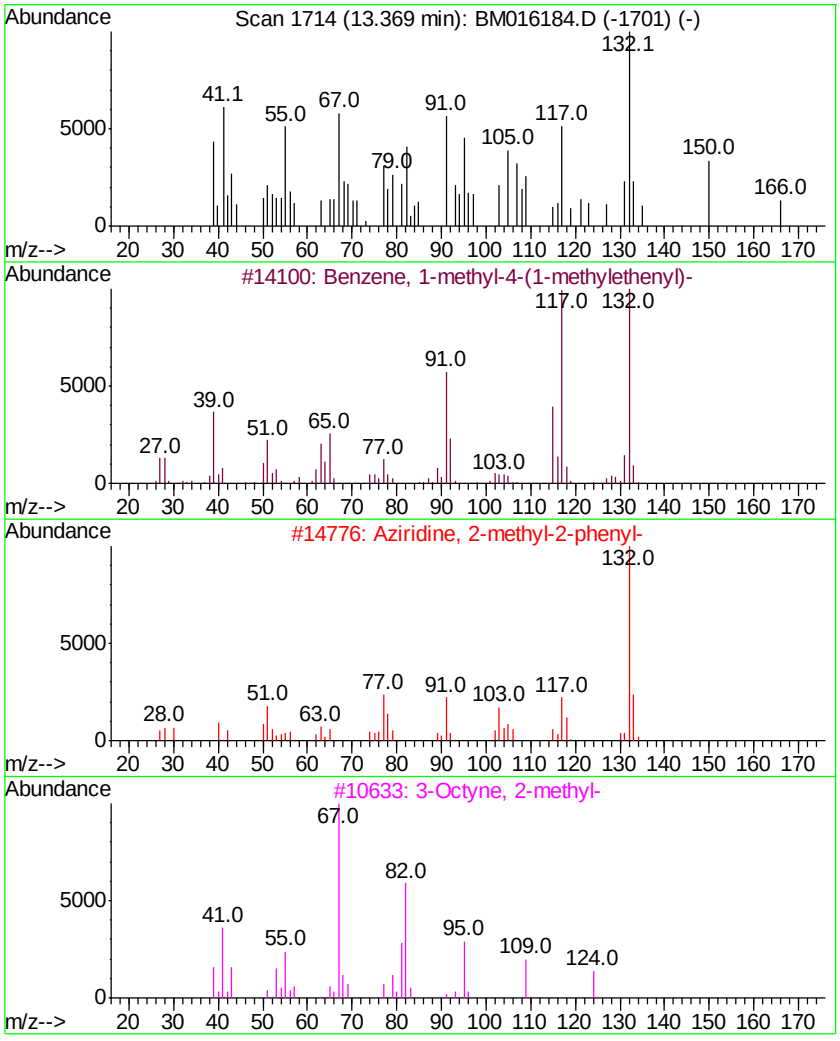
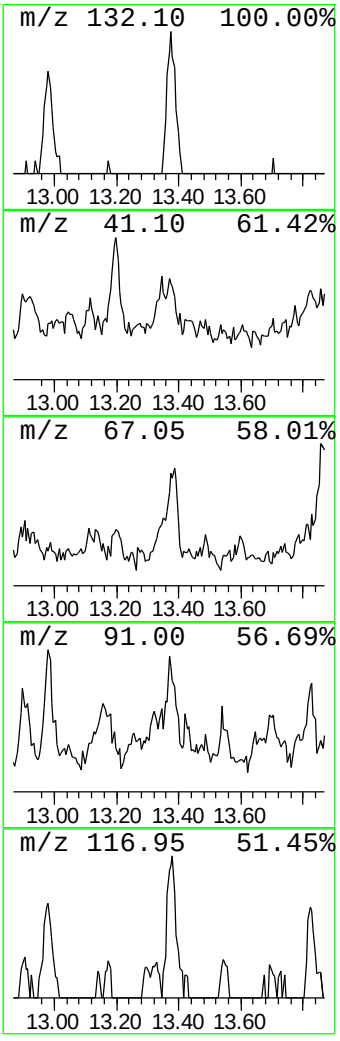
Peak Number 15 unknown-11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.14 ng/ul	135805	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	30
2	Aziridine, 2-methyl-2-phenyl-	133	C9H11N	022596-57-2	25
3	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	18
4	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	14
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

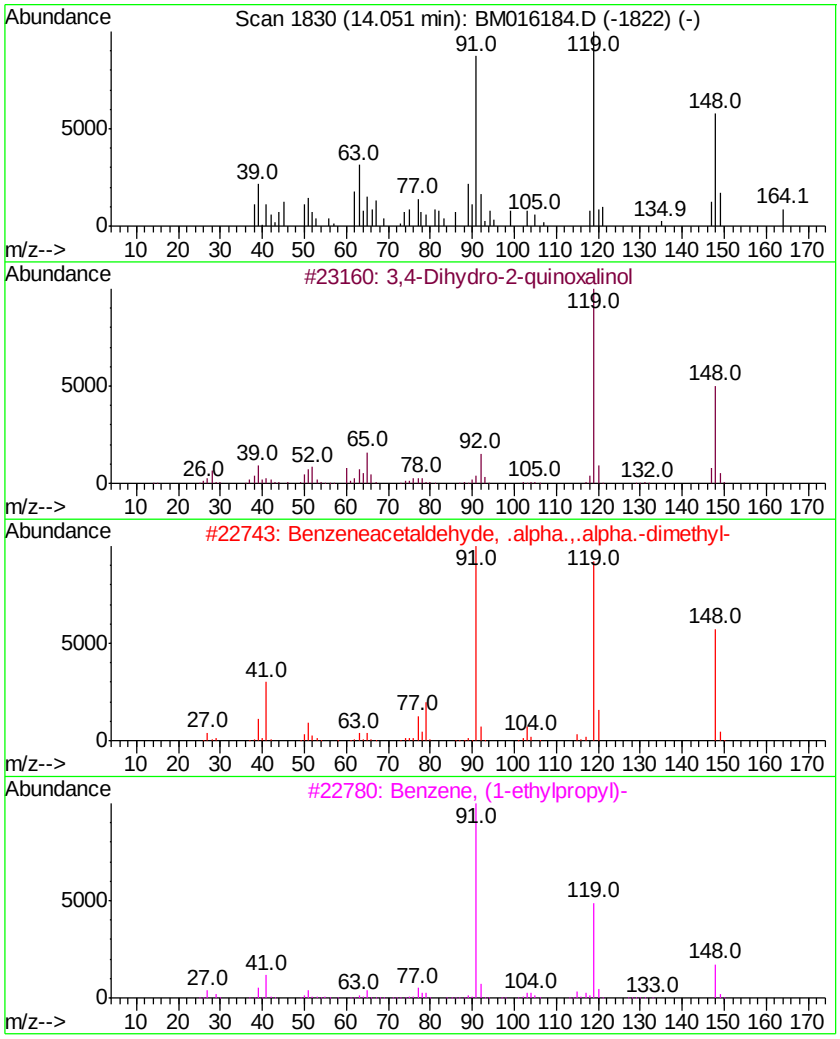
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

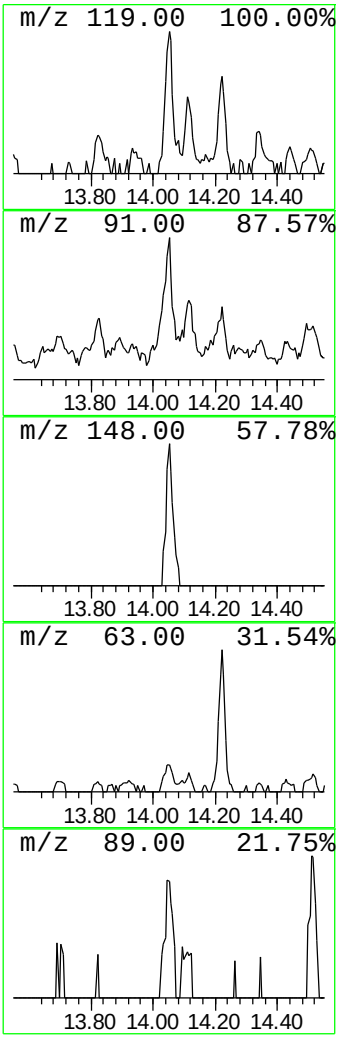
****

Peak Number 16 3,4-Dihydro-2-quinoxalinol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.05 ng/ul	67281	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	53
2	Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	49
3	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	49
4	Phthalan	120	C8H8O	000496-14-0	47
5	Benzonitrile, 2-hydroxy-	119	C7H5NO	000611-20-1	47





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Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

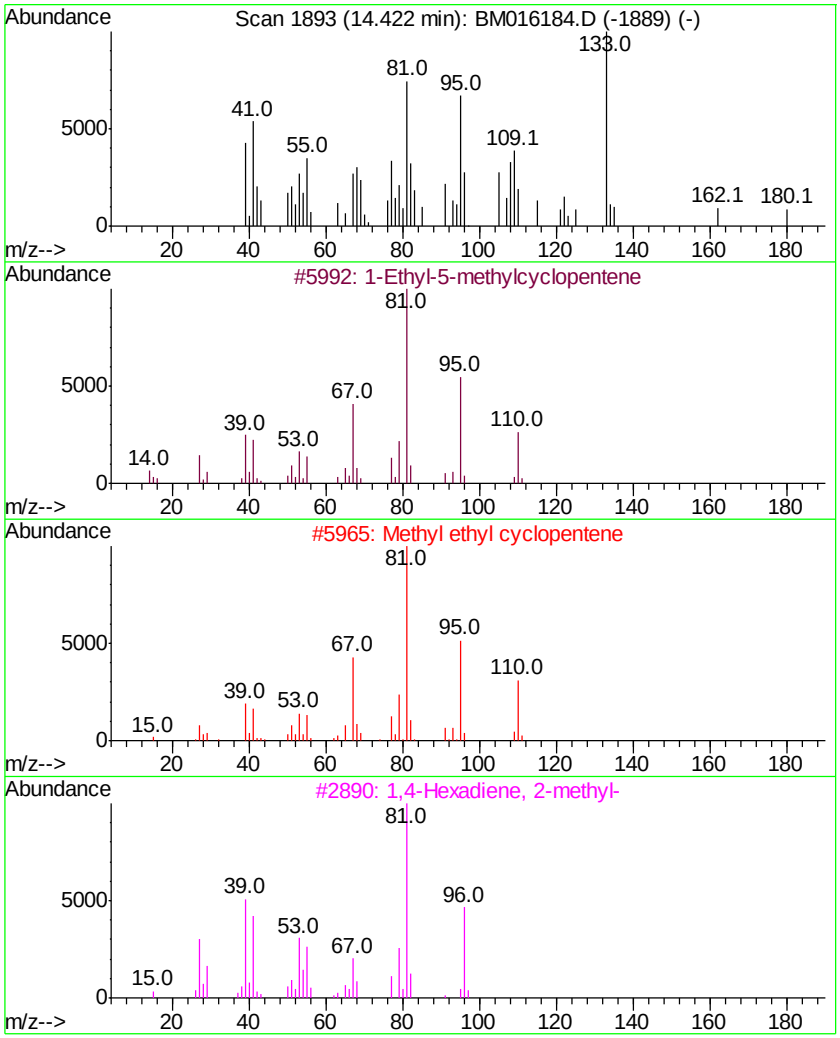
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

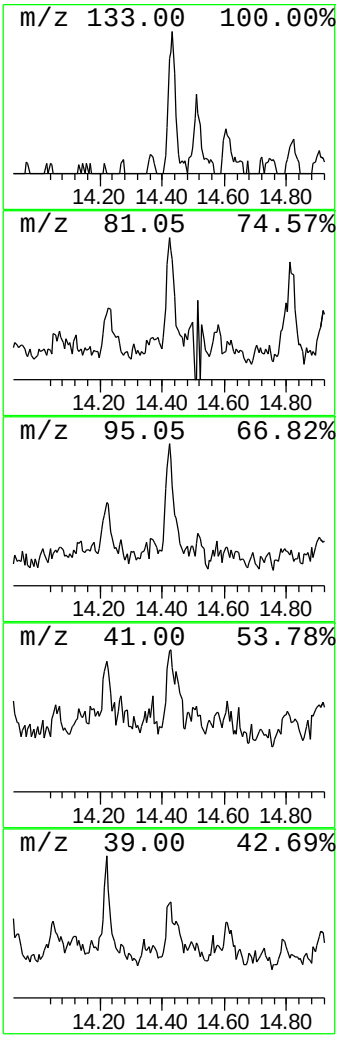
****

Peak Number 17 unknown-12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.42 ng/ul	79380	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	22
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	22
3	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	18
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	18
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	18





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Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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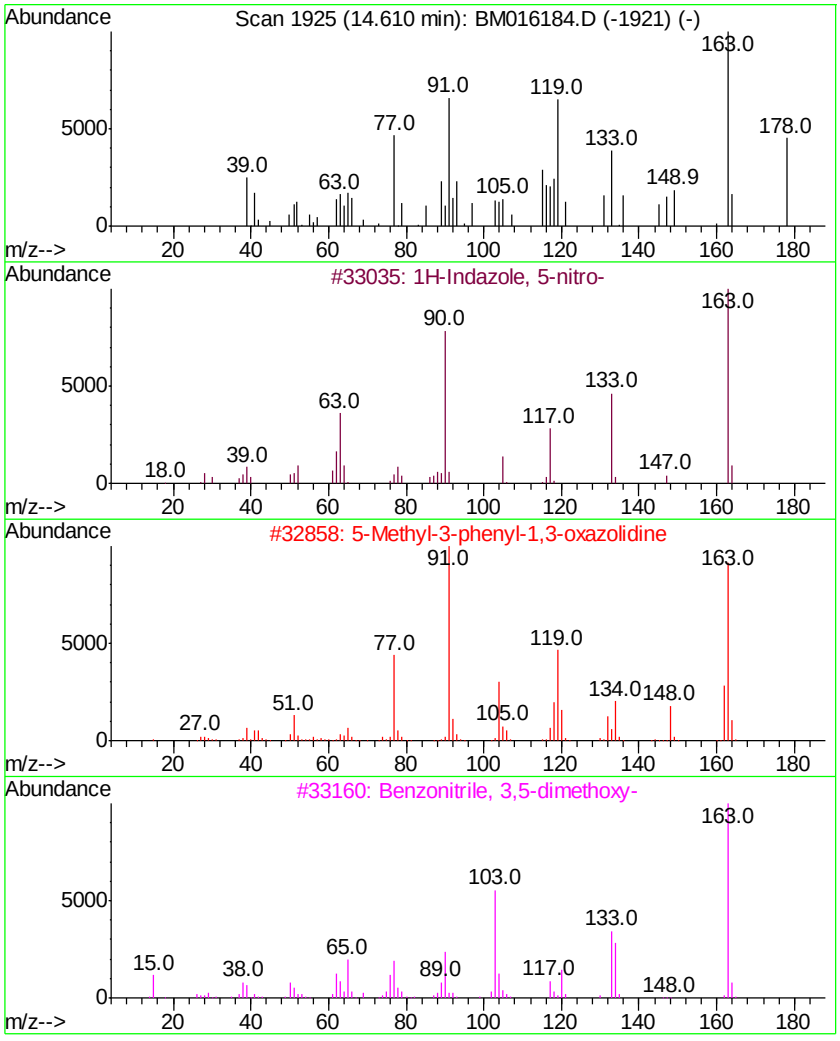
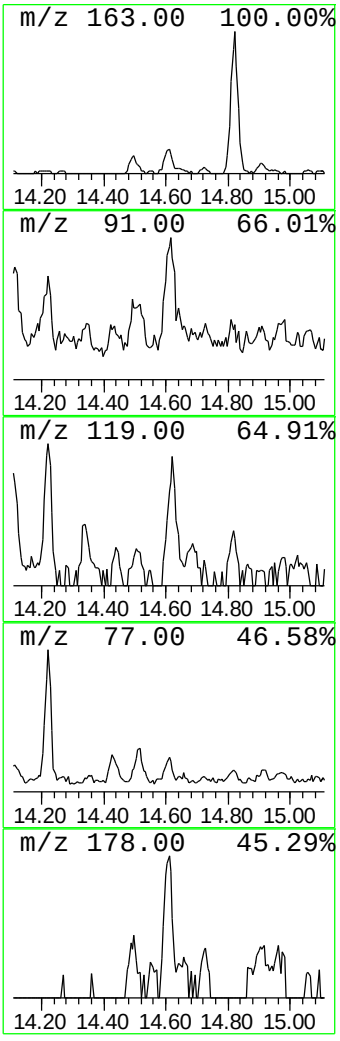
Peak Number 18 unknown-13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.12 ng/ul	69554	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5-nitro-	163	C7H5N3O2	005401-94-5	43
2	5-Methyl-3-phenyl-1,3-oxazolidine	163	C10H13NO	073861-82-2	38
3	Benzonitrile, 3,5-dimethoxy-	163	C9H9NO2	019179-31-8	38
4	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	35
5	2,5-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-15-7	35





Library Search Compound Report

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Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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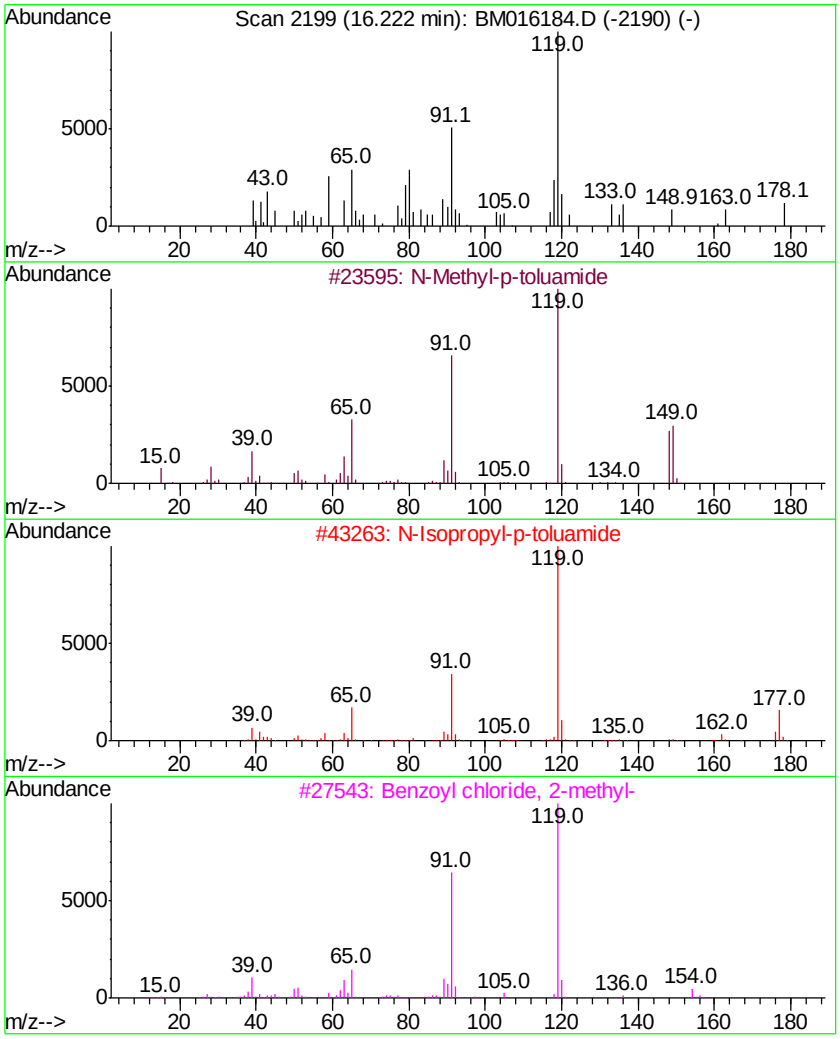
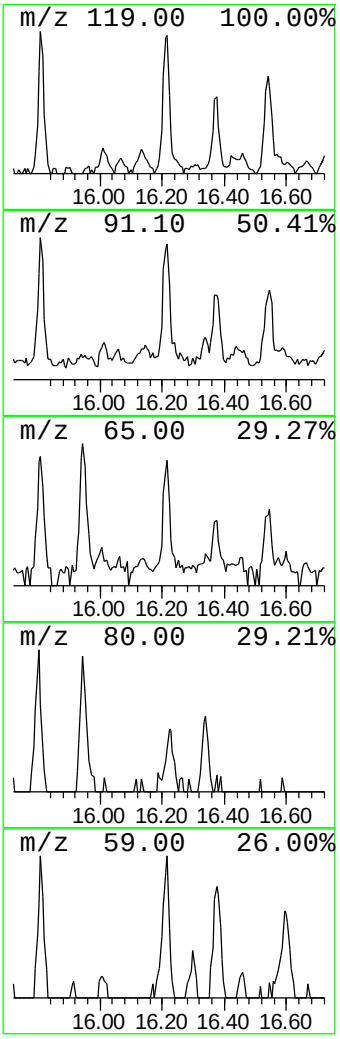
Peak Number 19 N-Methyl-p-toluamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.73 ng/ul	85835	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methyl-p-toluamide	149	C9H11NO	018370-11-1	50
2	N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	49
3	Benzoyl chloride, 2-methyl-	154	C8H7ClO	000933-88-0	47
4	Benzamide, 3-methyl-N-[5-trifluo...	409	C18H14F7NO2	339240-75-4	47
5	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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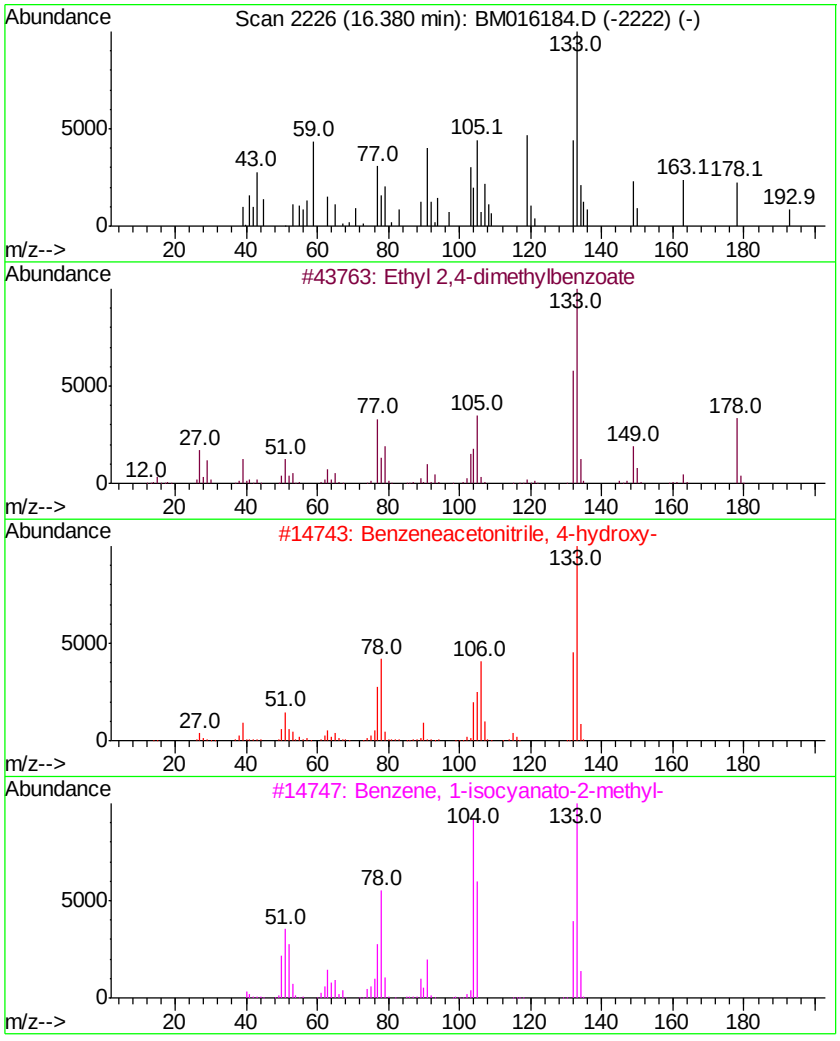
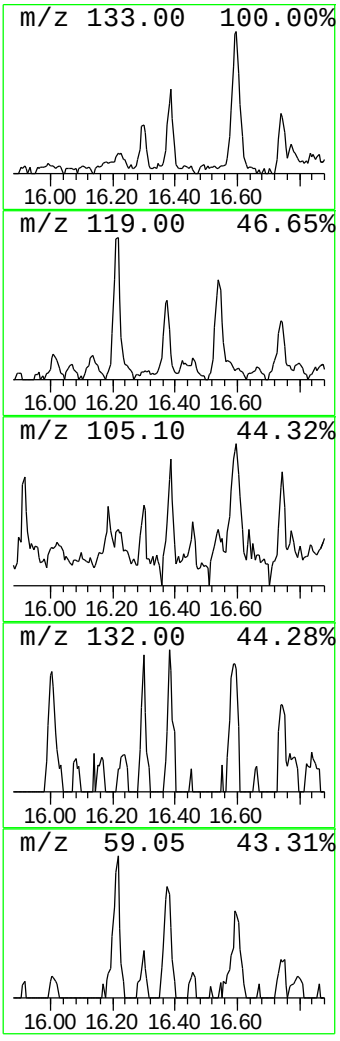
Peak Number 20 Ethyl 2,4-dimethylbenzoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.18 ng/ul	68468	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2,4-dimethylbenzoate	178	C11H14O2	033499-42-2	55
2	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	35
3	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	27
4	Benzoic acid, 4-formyl-, ethyl e...	178	C10H10O3	006287-86-1	27
5	Phthalimidine	133	C8H7NO	000480-91-1	27





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Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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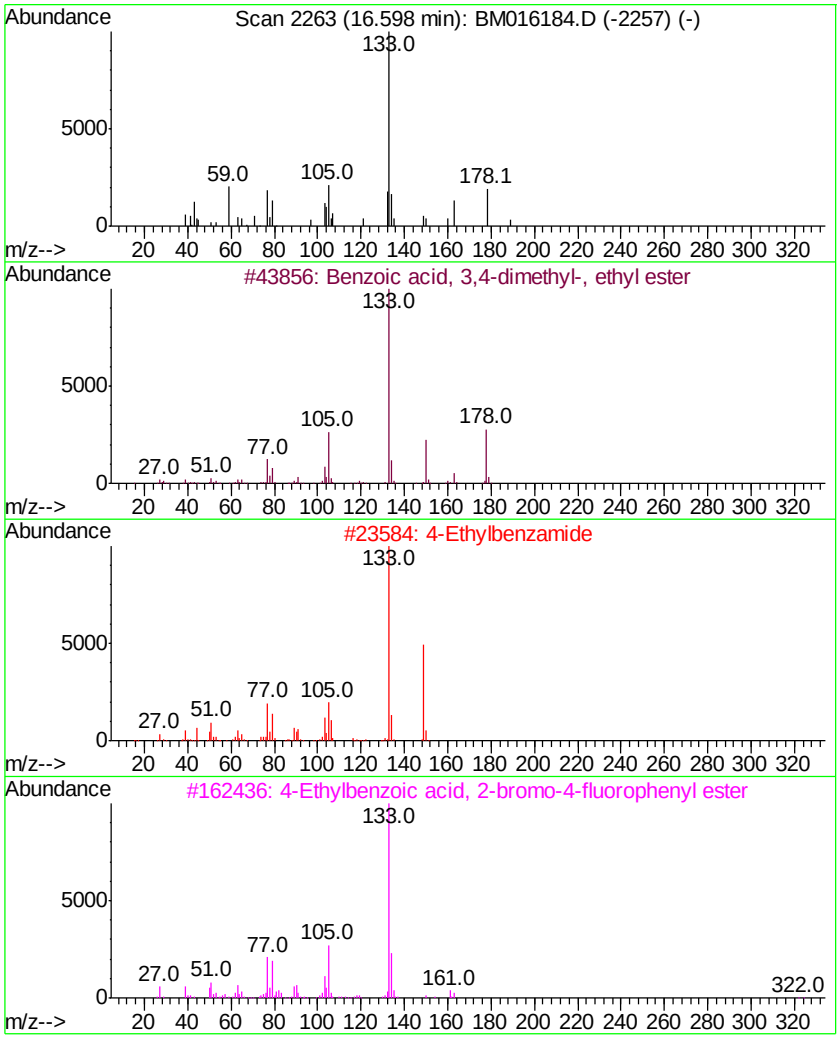
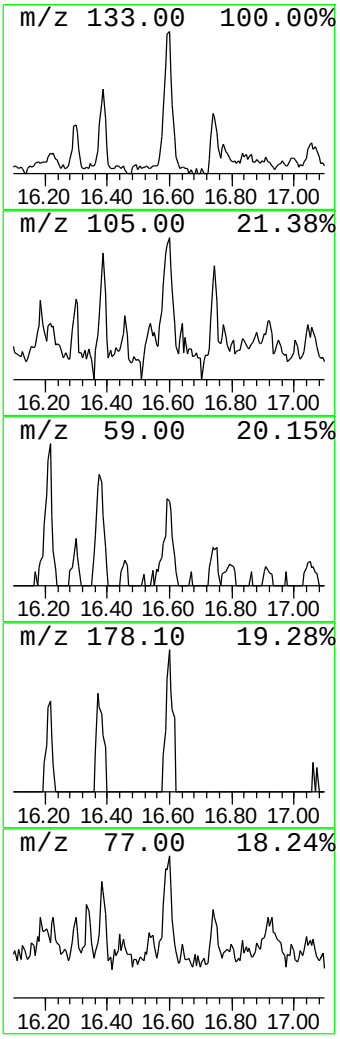
Peak Number 21 Benzoic acid, 3,4-dimethyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.17 ng/ul	68012	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	64
2	4-Ethylbenzamide	149	C9H11NO	033695-58-8	50
3	4-Ethylbenzoic acid, 2-bromo-4-f...	322	C15H12BrFO2	1000293-61-1	50
4	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	50
5	N-(Isochroman-1-ylmethyl)-2-fura...	257	C15H15NO3	050683-69-7	47





Library Search Compound Report

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Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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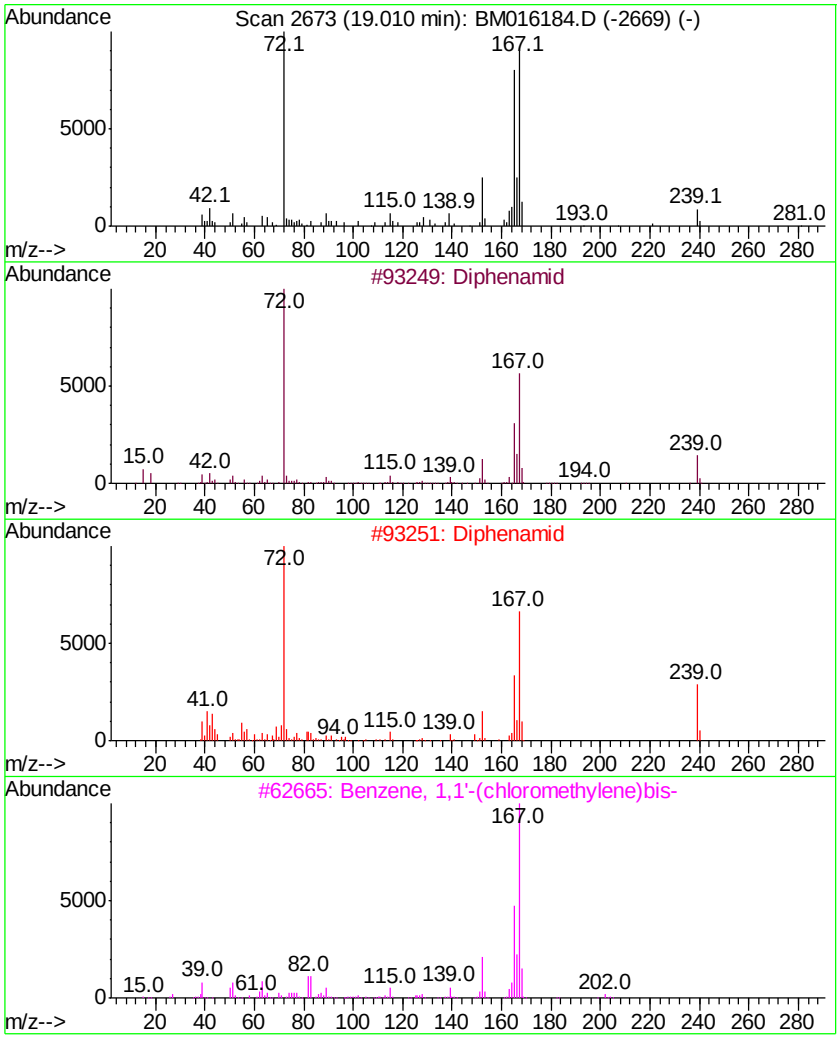
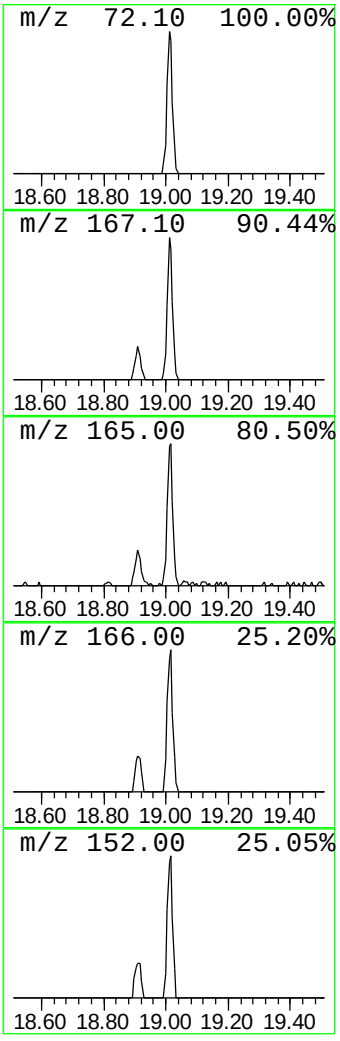
Peak Number 22 Diphenamid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.72 ng/ul	116664	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenamid	239	C16H17NO	000957-51-7	90
2	Diphenamid	239	C16H17NO	000957-51-7	74
3	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	49
4	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49
5	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080318\
Data File : BM016184.D
Acq On : 03 Aug 2018 17:56
Operator : SJ/JU
Sample : J4243-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
2-Hepten-3-ol, 4,...	7.43	8.1	ng/ul	168195	1	8.19	416839	20.0
unknown-01	7.62	6.3	ng/ul	131471	1	8.19	416839	20.0
Benzene, 1-ethyl-...	8.29	3.1	ng/ul	64337	1	8.19	416839	20.0
unknown-02	8.36	3.5	ng/ul	73062	1	8.19	416839	20.0
unknown-03	8.53	47.5	ng/ul	989202	1	8.19	416839	20.0
unknown-04	9.23	25.9	ng/ul	539698	1	8.19	416839	20.0
unknown-05	9.47	6.6	ng/ul	137017	1	8.19	416839	20.0
unknown-06	10.01	7.4	ng/ul	207544	2	11.00	557707	20.0
unknown-07	10.72	2.0	ng/ul	56396	2	11.00	557707	20.0
unknown-08	11.37	2.1	ng/ul	59362	2	11.00	557707	20.0
(DEL) Alkane: Cyc...	11.44	10.4	ng/ul	289675	2	11.00	557707	20.0
unknown-09	11.80	3.3	ng/ul	91923	2	11.00	557707	20.0
1(3H)-Isobenzofur...	12.45	2.1	ng/ul	57324	2	11.00	557707	20.0
unknown-10	12.90	3.3	ng/ul	91960	2	11.00	557707	20.0
unknown-11	13.37	4.1	ng/ul	135805	3	14.82	655540	20.0
3,4-Dihydro-2-qui...	14.05	2.0	ng/ul	67281	3	14.82	655540	20.0
unknown-12	14.42	2.4	ng/ul	79380	3	14.82	655540	20.0
unknown-13	14.61	2.1	ng/ul	69554	3	14.82	655540	20.0
N-Methyl-p-toluamide	16.22	2.7	ng/ul	85835	4	17.55	627822	20.0
Ethyl 2,4-dimethy...	16.38	2.2	ng/ul	68468	4	17.55	627822	20.0
Benzoic acid, 3,4...	16.60	2.2	ng/ul	68012	4	17.55	627822	20.0
Diphenamid	19.01	3.7	ng/ul	116664	4	17.55	627822	20.0