LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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-BM060619MA.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	3.640	103	111	118	rVV	4521981	6086680	4.15%	0.388%
2	4.028	166	177	182	rBV	2272195	4067422	2.77%	0.259%
3	4.287	216	221	226	rVB	12626024	19090279	13.01%	1.217%
4	4.351	228	232	246	rVB	2717271	3866199	2.63%	0.246%
5	4.963	327	336	346	rVB3	9728945	19660753	13.40%	1.253%
6	5.398	403	410	415	rVV2	6737267	10543675	7.18%	0.672%
7	5.457	415	420	429	rVV2	1851659	3619193	2.47%	0.231%
8	5.593	436	443	450	rVV3	2411058	4927619	3.36%	0.314%
9	5.693	450	460	462	rVV2	2714644	5735680	3.91%	0.366%
10	5.722	462	465	470	rVV	2481225	3938209	2.68%	0.251%
11	5.875	487	491	504	rVV	2955911	4785553	3.26%	0.305%
12	6.228	533	551	555	rBV	5515601	14466780	9.86%	0.922%
13	6.322	560	567	576	rBV	5142083	10518346	7.17%	0.670%
14	6.557	601	607	615	rVB	20201017	32603611	22.22%	2.078%
15	6.957	670	675	683	rVB	12671956	19646884	13.39%	1.252%
16	7.069	689	694	701	rVV	8418868	13608335	9.27%	0.867%
17	7.192	710	715	719	rBV	4650665	7616678	5.19%	0.485%
18	7.234	719	722	728	rVB	8874305	12918152	8.80%	0.823%
19	7.451	753	759	765	rVB	3746317	5881026	4.01%	0.375%
20	7.551	765	776	785	rBV2	2017350	6674557	4.55%	0.425%
21	7.834	804	824	833	rBV4	2812102	13066278	8.90%	0.833%
22	7.934	833	841	847	rBV2	16760190	35016175	23.86%	2.232%
23	8.057	850	862	865	rBV3	44872710	127185228	86.66%	8.106%
24	8.175	877	882	887	rVB2	3250440	4613363	3.14%	0.294%
25	8.281	887	900	909	rBV2	30984582	59390066	40.47%	3.785%
26	8.445	918	928	934	rBV	4845582	7990934	5.45%	0.509%
27	8.551	940	946	950	rBV2	2205300	4209561	2.87%	0.268%
28	8.622	950	958	965	rBV2	7095676	14853814	10.12%	0.947%
29	8.745	970	979	986	rBV7	1619595	5853505	3.99%	0.373%
30	8.910	999	1007	1010	rBV2	6551763	13112377	8.93%	0.836%
31	8.963	1010	1016	1021	rVB4	12860835	26316714	17.93%	1.677%
32	9.234	1057	1062	1065	rBV3	2688813	5114041	3.48%	0.326%
33	9.334	1073	1079	1085	rBV4	3580839	9199267	6.27%	0.586%
34	9.404	1086	1091	1097	rBV3	5546477	11657363	7.94%	0.743%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
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Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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-BM060619MA.M
Title : SVOA CALIBRATION

35	9.551	1111	1116	1120	rBV	6873975	13348510	9.10%	0.851%
36	9.681	1133	1138	1142	rBV3	10119902	20710887	14.11%	1.320%
37	9.728	1143	1146	1151	rVB2	18537742	31400056	21.40%	2.001%
38	9.786	1151	1156	1160	rBV	10173236	16333221	11.13%	1.041%
39	9.828	1160	1163	1165	rBV	2797951	3714396	2.53%	0.237%
40	9.851	1165	1167	1172	rVB3	5628660	7803100	5.32%	0.497%
41	9.969	1180	1187	1196	rBV5	5031092	15210763	10.36%	0.969%
42	10.045	1196	1200	1207	rVB3	2414706	5323572	3.63%	0.339%
43	10.151	1207	1218	1221	rBV2	3628747	7761976	5.29%	0.495%
44	10.233	1226	1232	1241	rVB3	6876556	18850004	12.84%	1.201%
45	10.322	1241	1247	1252	rVB3	4464726	8385387	5.71%	0.534%
46	10.398	1252	1260	1266	rBV3	7749375	17567128	11.97%	1.120%
47	10.522	1273	1281	1284	rBV2	8177679	15950972	10.87%	1.017%
48	10.563	1284	1288	1299	rVB7	7284270	23406578	15.95%	1.492%
49	10.710	1309	1313	1318	rVB	5271508	7652763	5.21%	0.488%
50	10.798	1322	1328	1335	rVB3	1871816	4885307	3.33%	0.311%
51	10.916	1338	1348	1352	rBV3	5325904	14537089	9.91%	0.927%
52	10.969	1352	1357	1360	rBV	6442794	11325681	7.72%	0.722%
53	11.098	1369	1379	1385	rVB3	8875021	28262496	19.26%	1.801%
54	11.192	1385	1395	1402	rBV6	2088326	7894161	5.38%	0.503%
55	11.339	1414	1420	1424	rBV2	2610498	5899215	4.02%	0.376%
56	11.492	1436	1446	1453	rBV9	1744507	6123652	4.17%	0.390%
57	11.692	1460	1480	1486	rBV3	9445890	44485889	30.31%	2.835%
58	11.857	1503	1508	1515	rBV2	3072076	5908270	4.03%	0.377%
59	11.975	1515	1528	1530	rVV3	6009948	18878115	12.86%	1.203%
60	12.027	1534	1537	1540	rVV	9155384	13490553	9.19%	0.860%
61	12.057	1540	1542	1549	rVB3	4212223	6601180	4.50%	0.421%
62	12.157	1554	1559	1564	rVB2	4797414	7671565	5.23%	0.489%
63	12.551	1622	1626	1632	rVB3	6626834	11041976	7.52%	0.704%
64	12.757	1657	1661	1669	rVB2	4254485	7596298	5.18%	0.484%
65	12.880	1672	1682	1690	rVB2	7792745	19524815	13.30%	1.244%
66	12.986	1694	1700	1705	rBV4	2202022	4521209	3.08%	0.288%
67	13.127	1718	1724	1730	rBV	6776723	10430666	7.11%	0.665%
68	13.210	1730	1738	1745	rVB3	15801582	32717513	22.29%	2.085%
69	13.310	1745	1755	1763	rBV6	3213820	8967920	6.11%	0.572%
70	13.427	1770	1775	1776	rVV	7246600	10621161	7.24%	0.677%
71	13.457	1776	1780	1785	rVV2	9864804	17684604	12.05%	1.127%

LSC Area Percent Report

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Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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-BM060619MA.M
Title : SVOA CALIBRATION

72	13.521	1785	1791	1799	rVB2	6378988	12259980	8.35%	0.781%
73	13.604	1800	1805	1809	rBV4	1764656	3603881	2.46%	0.230%
74	13.669	1812	1816	1820	rVV2	2145127	3730179	2.54%	0.238%
75	13.733	1820	1827	1837	rVB	12022965	21925054	14.94%	1.397%
76	13.827	1837	1843	1847	rVB3	3580499	5619834	3.83%	0.358%
77	14.139	1887	1896	1900	rBV	4184584	8460114	5.76%	0.539%
78	14.180	1900	1903	1906	rVV3	2702103	4748659	3.24%	0.303%
79	14.221	1906	1910	1914	rVV	3372554	5921803	4.04%	0.377%
80	14.445	1943	1948	1949	rBV3	3004159	4444394	3.03%	0.283%
81	14.510	1956	1959	1966	rVB7	2218026	3529863	2.41%	0.225%
82	14.774	1995	2004	2010	rBV3	15181344	44528850	30.34%	2.838%
83	14.939	2024	2032	2036	rVB2	7359272	14141197	9.64%	0.901%
84	15.010	2040	2044	2051	rVV2	7624567	13102859	8.93%	0.835%
85	15.098	2051	2059	2062	rVV	8609476	17125897	11.67%	1.092%
86	15.233	2079	2082	2091	rVB3	2770532	4687786	3.19%	0.299%
87	15.445	2113	2118	2127	rVB	4153824	7989820	5.44%	0.509%
88	15.621	2140	2148	2153	rVV	22495306	45031535	30.68%	2.870%
89	16.315	2254	2266	2273	rBV2	37112143	79243873	54.00%	5.051%
90	16.527	2297	2302	2314	rBV4	2395583	6025156	4.11%	0.384%
91	16.880	2351	2362	2367	rBV2	58345846	146755960	100.00%	9.354%
92	17.204	2412	2417	2421	rBV2	2778257	4178515	2.85%	0.266%
93	17.298	2428	2433	2441	rVB2	4206422	7222002	4.92%	0.460%
94	17.562	2472	2478	2484	rBV	9757276	16328152	11.13%	1.041%
95	18.798	2683	2688	2701	rVB6	1626472	3834875	2.61%	0.244%
96	19.139	2742	2746	2753	rBV	2680002	4167392	2.84%	0.266%
97	19.586	2817	2822	2830	rBV	4208014	6161648	4.20%	0.393%
98	21.368	3120	3125	3129	rBV	3027136	3864337	2.63%	0.246%
99	23.503	3482	3488	3502	rVB	3137514	6118791	4.17%	0.390%
100	23.650	3507	3513	3520	rVB	1992949	3858795	2.63%	0.246%

Sum of corrected areas: 1568934166

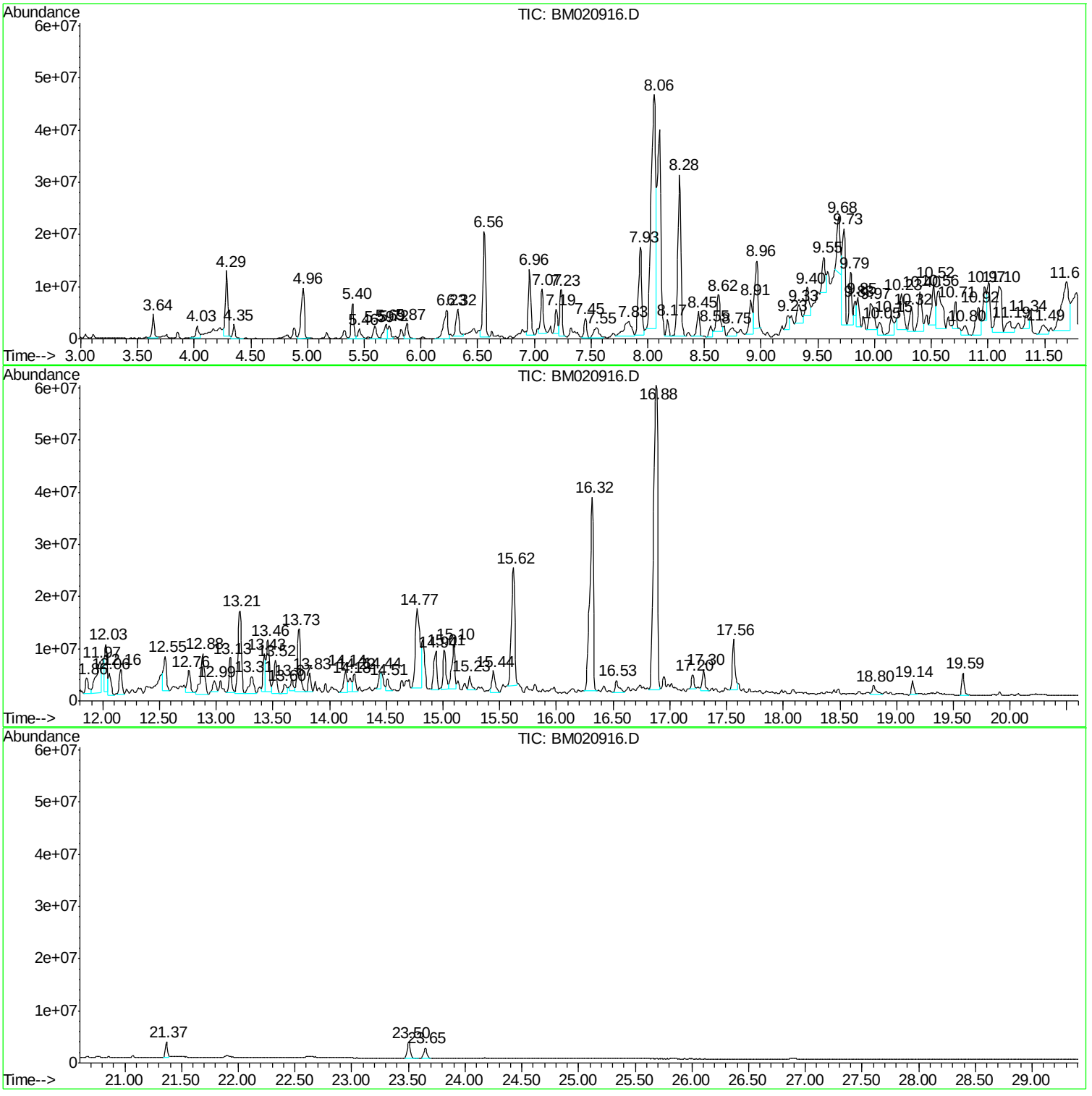
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

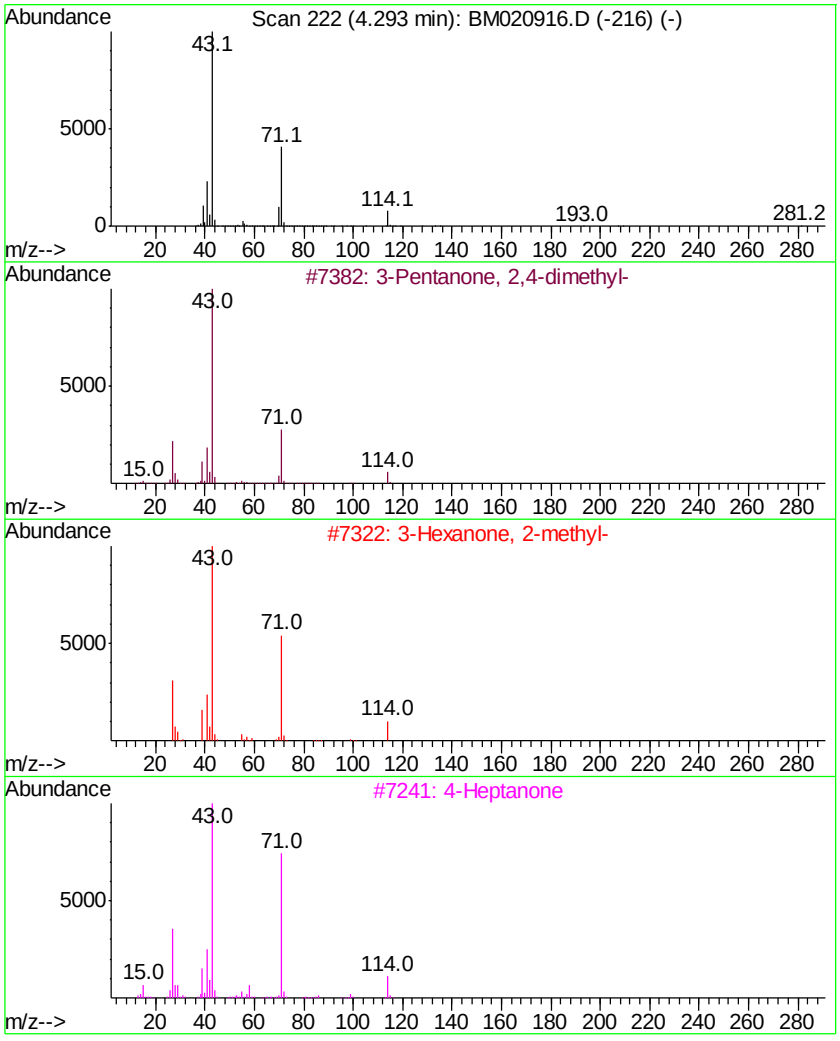
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

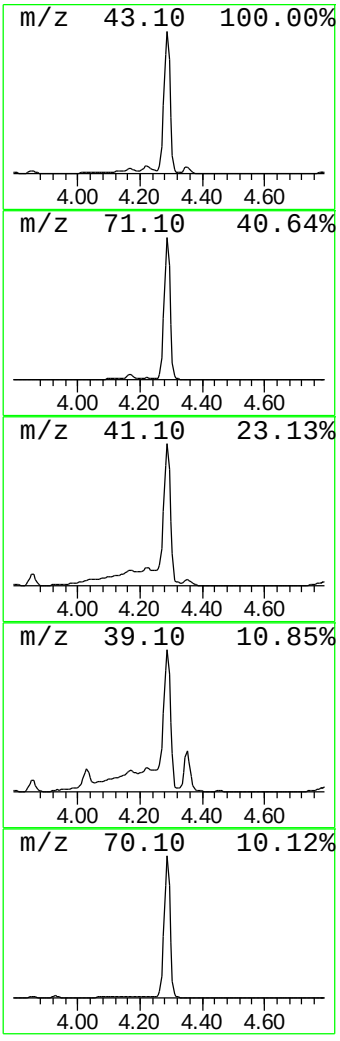
****

Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	29.22 ng/ul	19090300	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	90
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	78
3	4-Heptanone	114	C7H14O	000123-19-3	53
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	52
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

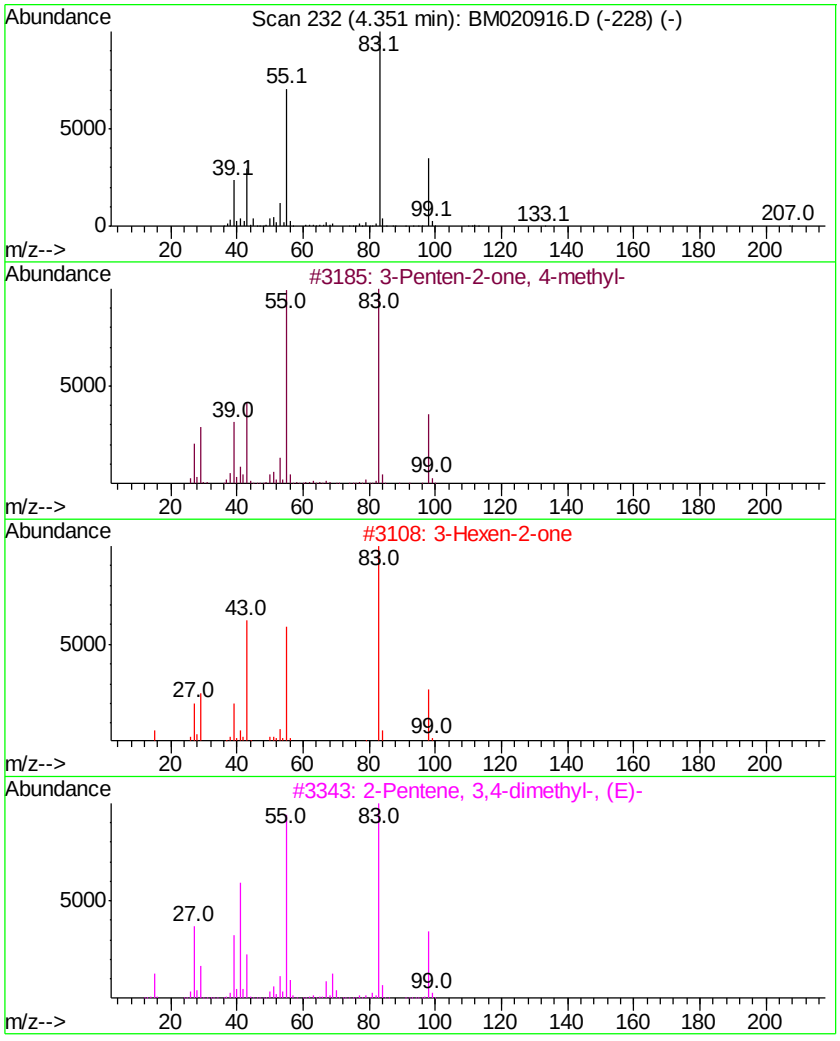
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

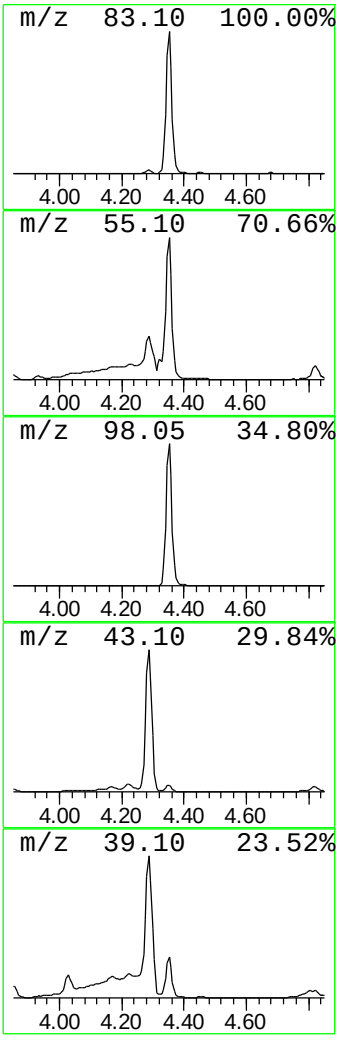
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	5.92 ng/ul	3866200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4	3-Hexen-2-one	98	C6H10O	000763-93-9	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

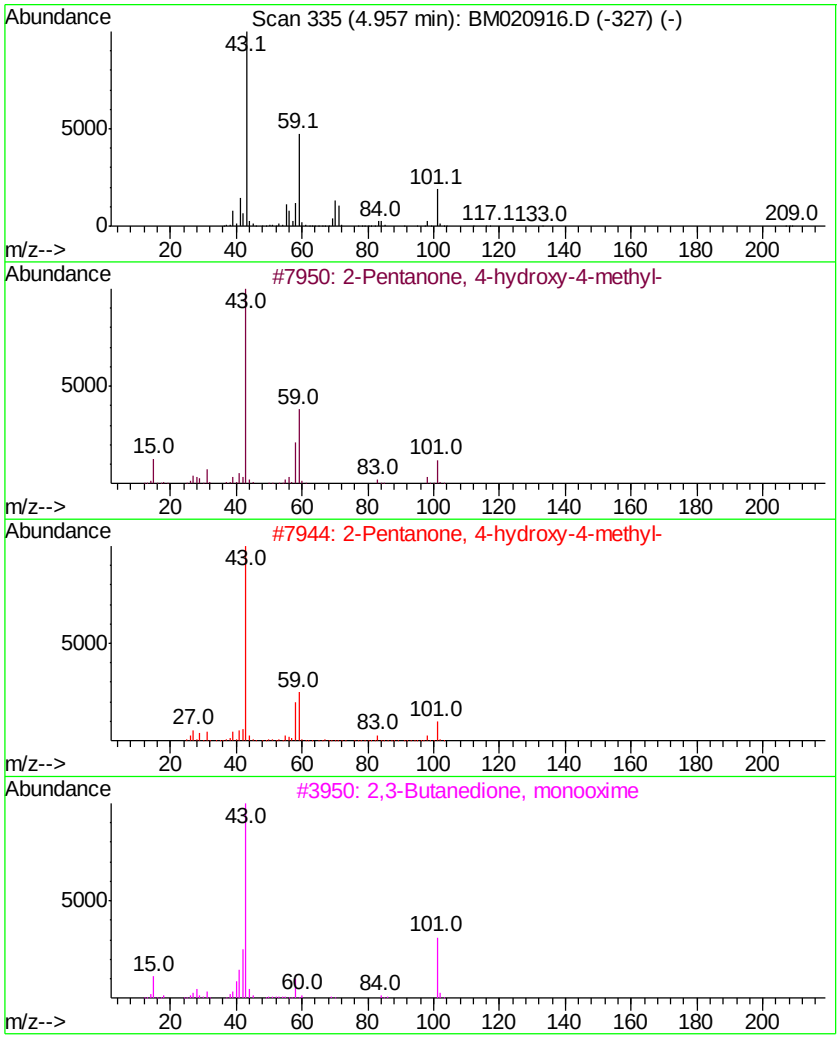
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

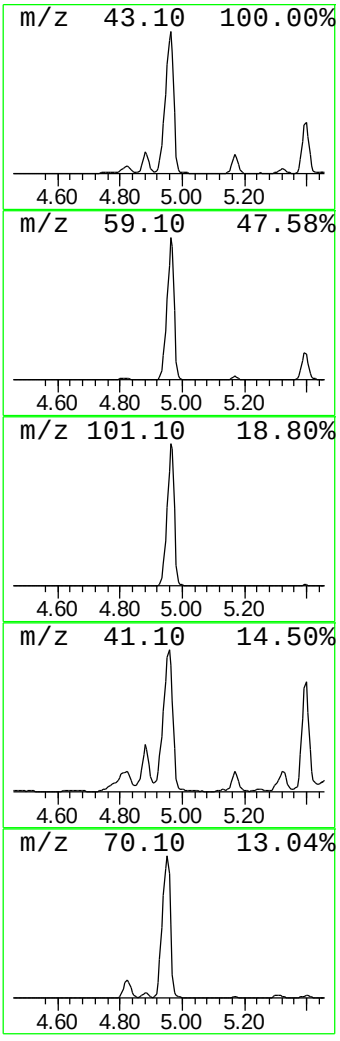
****

Peak Number 5 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	30.09 ng/ul	19660800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

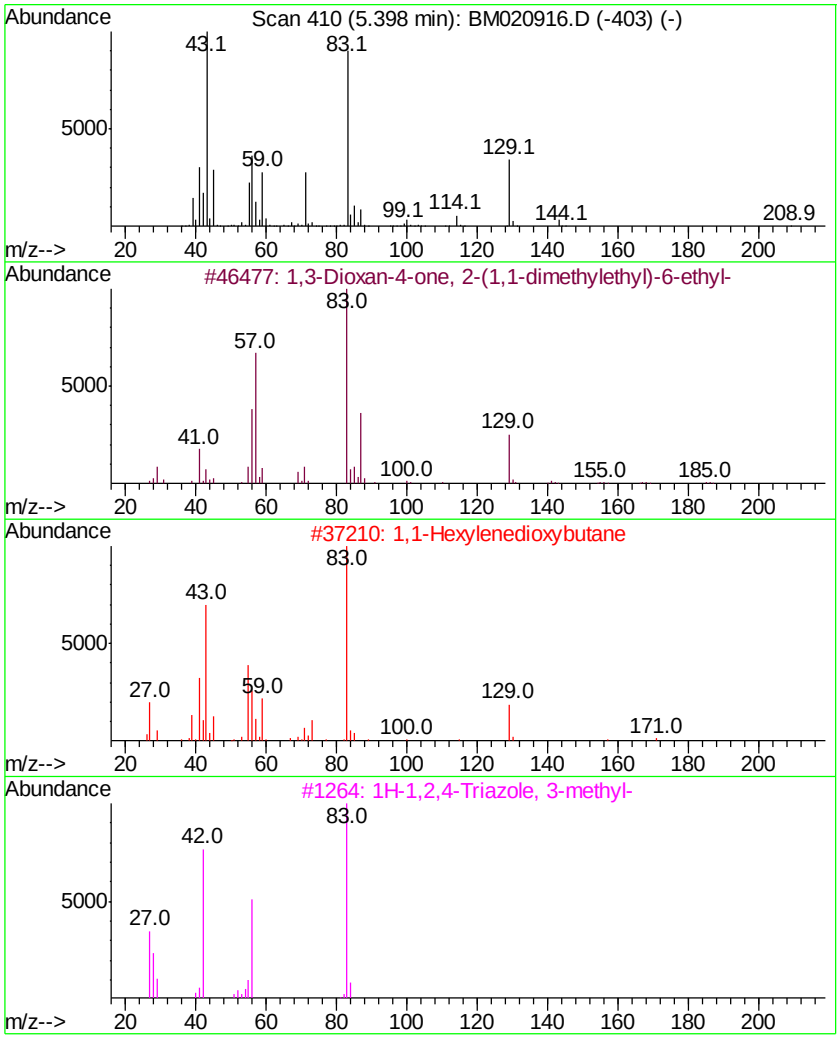
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

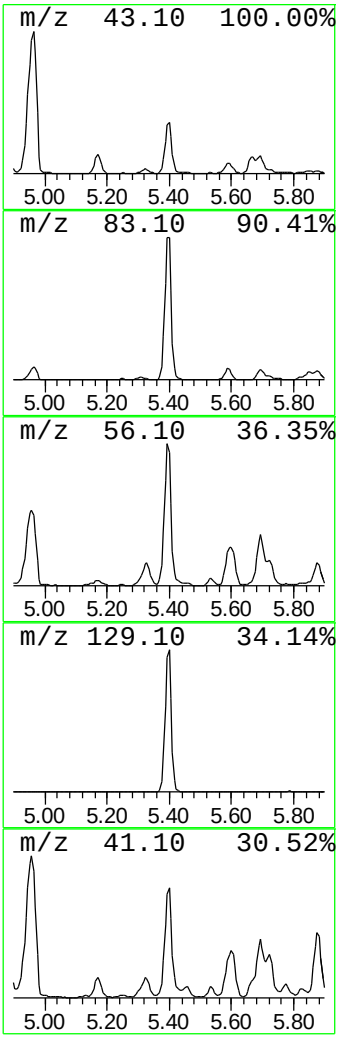
****

Peak Number 6 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	16.14 ng/ul	10543700	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	40
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	36
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
4	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
5	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

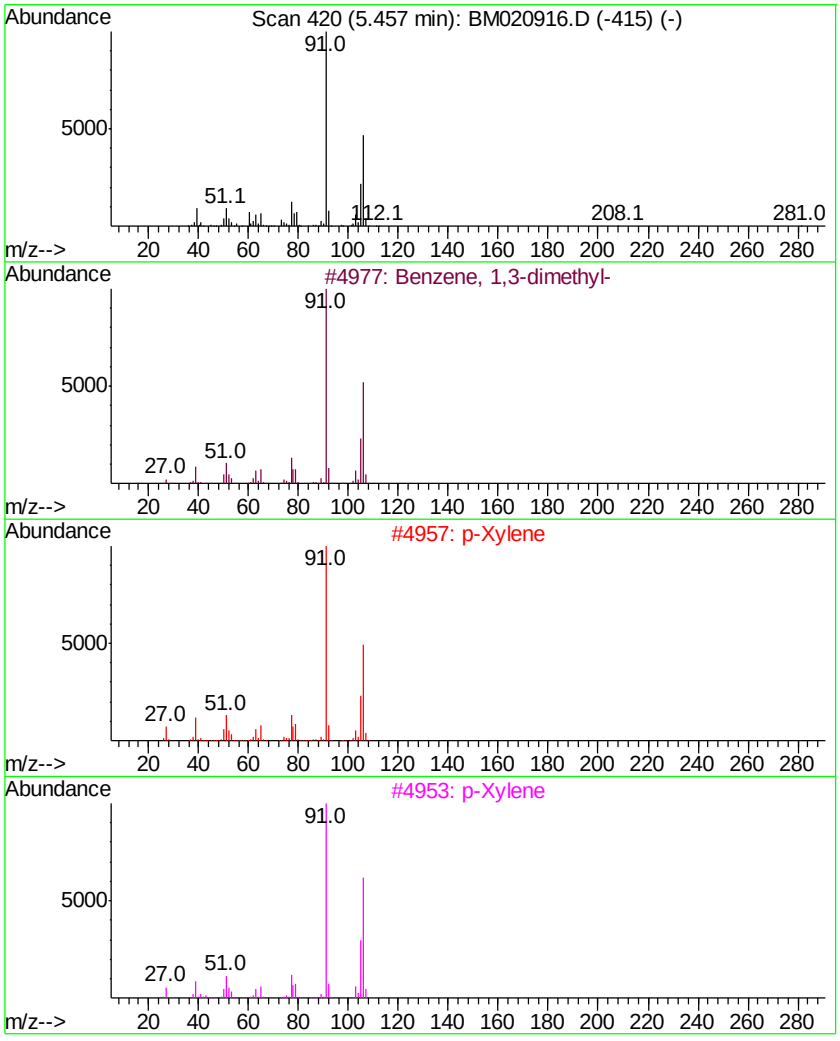
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

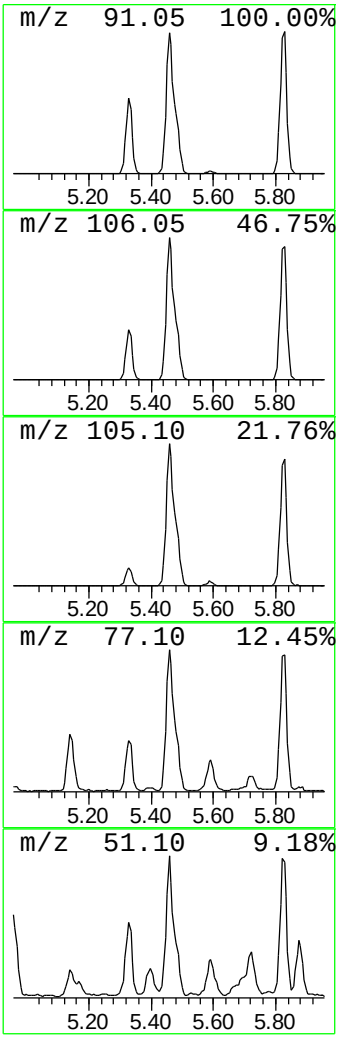
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	5.54 ng/ul	3619190	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Operator : HP/JU
Sample : K3215-10
Misc :
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Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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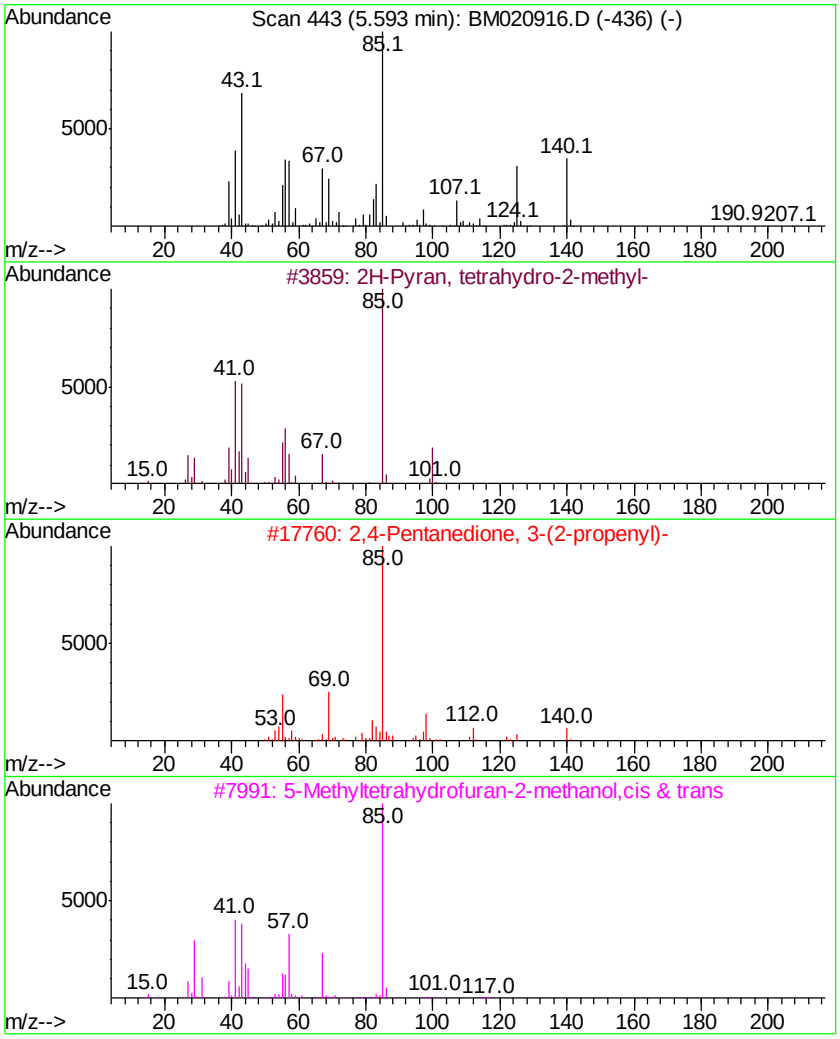
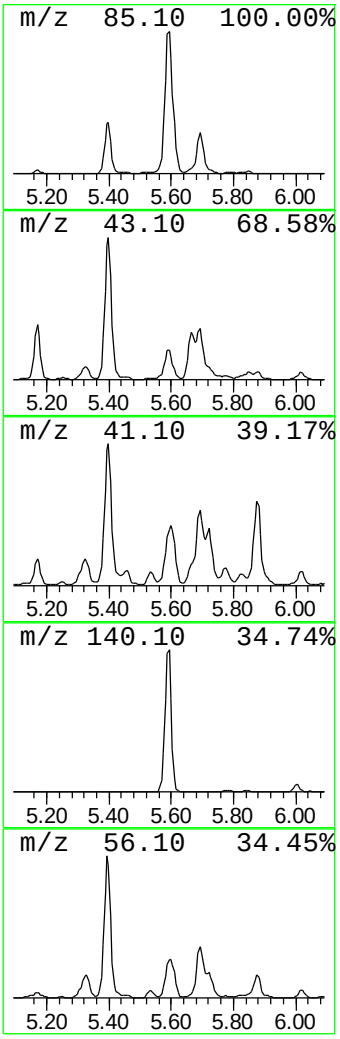
Peak Number 8 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	7.54 ng/ul	4927620	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2,4-Pentanedione, 3-(2-propenyl)-	140	C8H12O2	003508-78-9	38
3	5-Methyltetrahydrofuran-2-methan...	116	C6H12O2	006126-49-4	38
4	.alpha.-[5-Methyl-2,3,4,5-tetrah...	159	C7H13NO3	1000214-63-8	37
5	2-[1-Nitro-2-(tetrahydro-pyran-2...	273	C13H23NO5	1000190-43-2	37





Library Search Compound Report

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Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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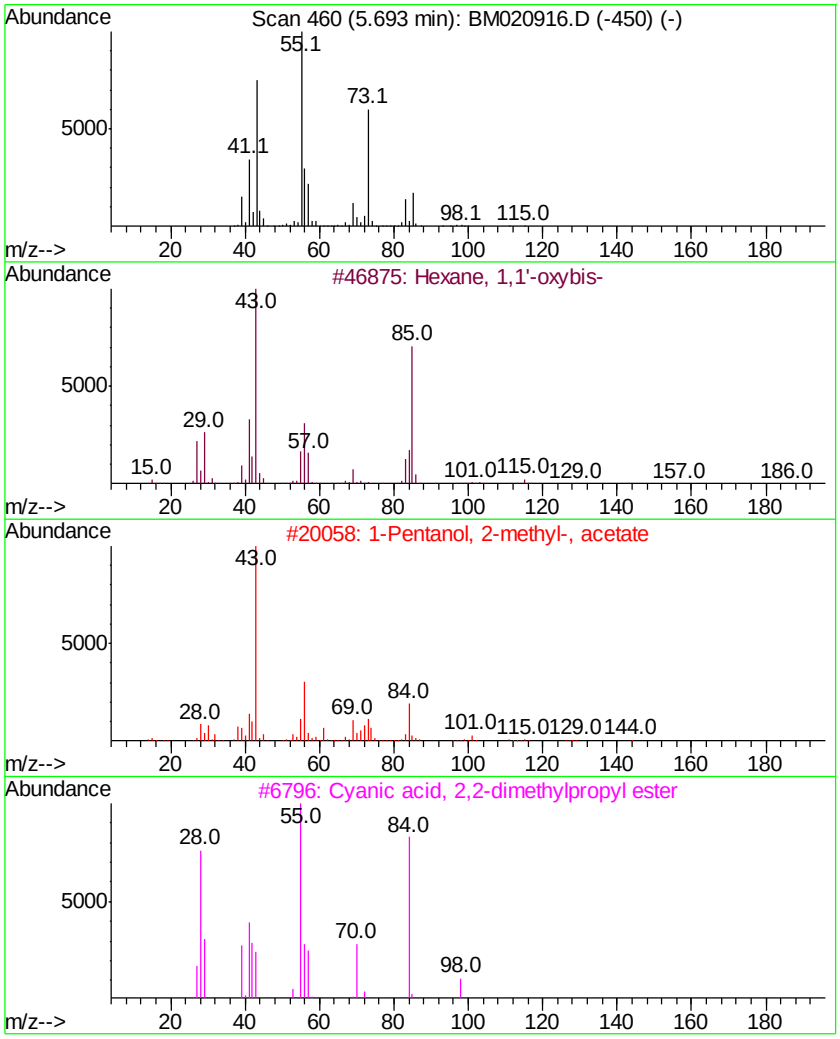
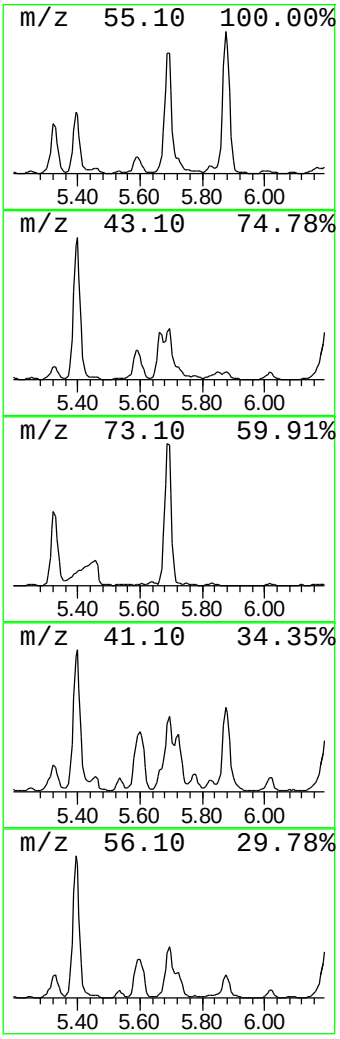
Peak Number 9 unknown-04 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	8.78 ng/ul	5735680	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	47
2	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	28
3	Cyanic acid, 2,2-dimethylpropyl ...	113	C6H11NO	001459-44-5	25
4	Pentanoic acid, 2,2,4-trimethyl-...	216	C12H24O3	244074-78-0	25
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	25





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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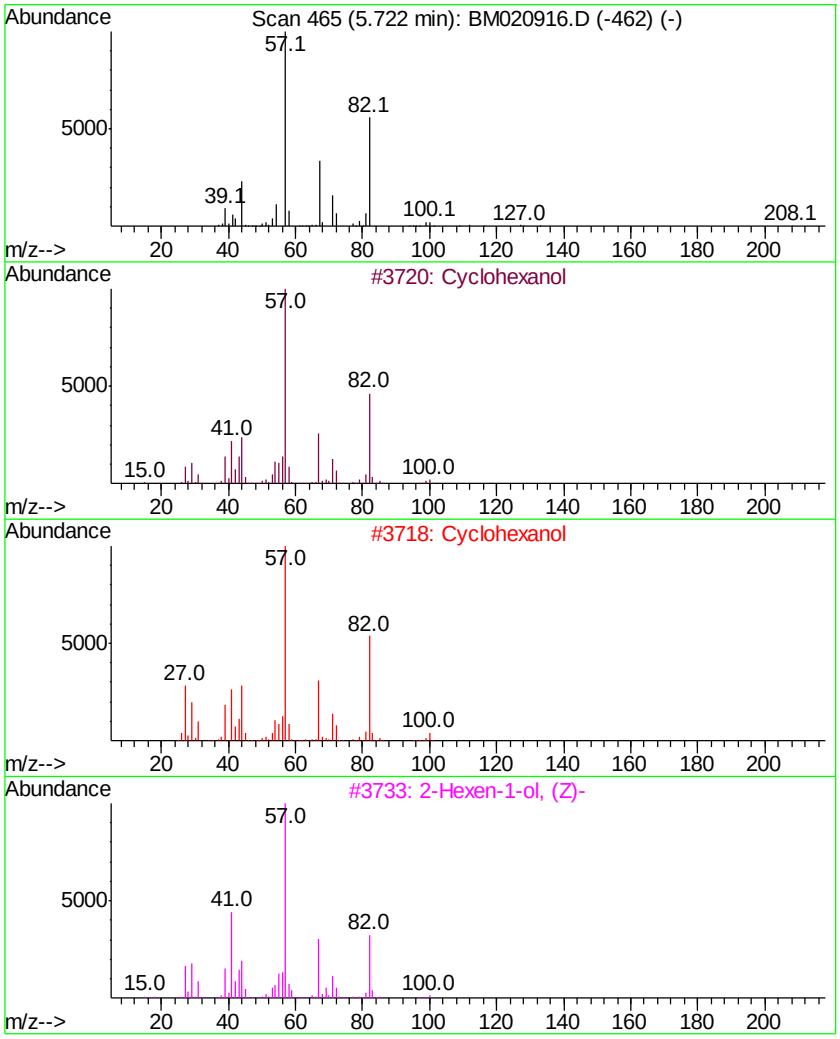
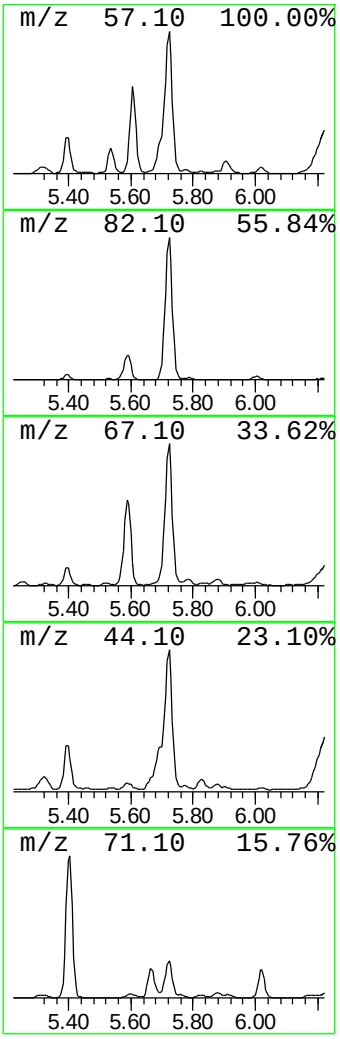
Peak Number 10 Cyclohexanol Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	6.03 ng/ul	3938210	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	91
2	Cyclohexanol	100	C6H12O	000108-93-0	86
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	72
4	Cyclohexanol	100	C6H12O	000108-93-0	64
5	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	64





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Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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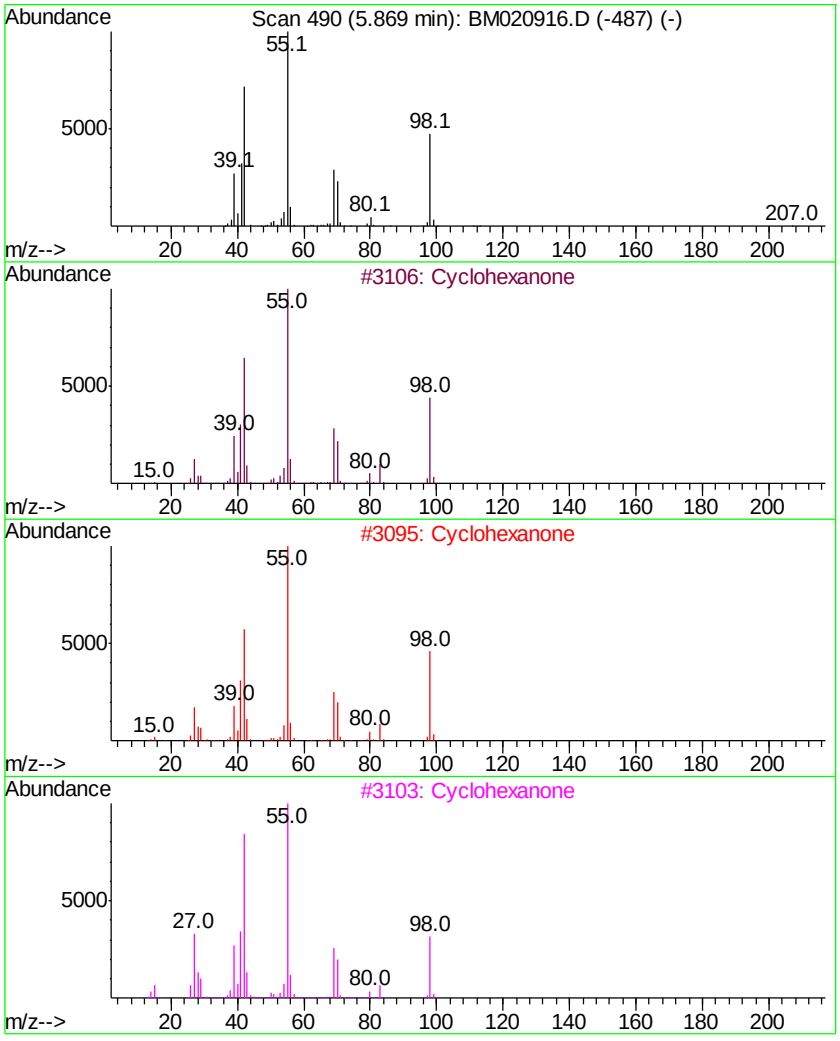
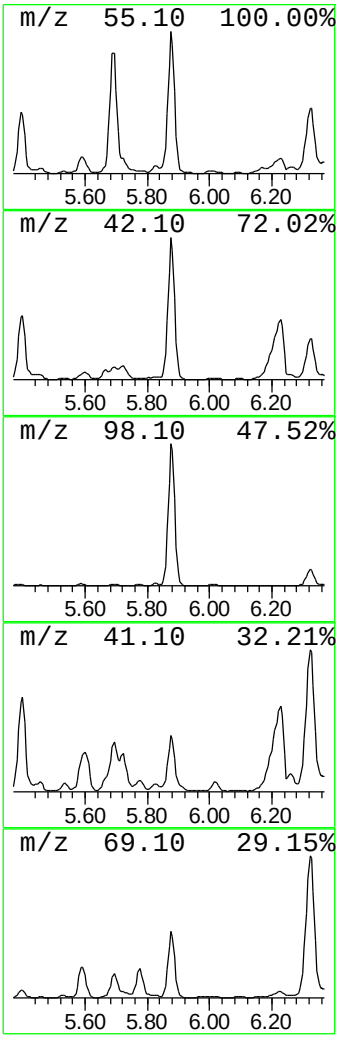
Peak Number 11 Cyclohexanone Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	7.33 ng/ul	4785550	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
5	Cyclohexanone	98	C6H10O	000108-94-1	83





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Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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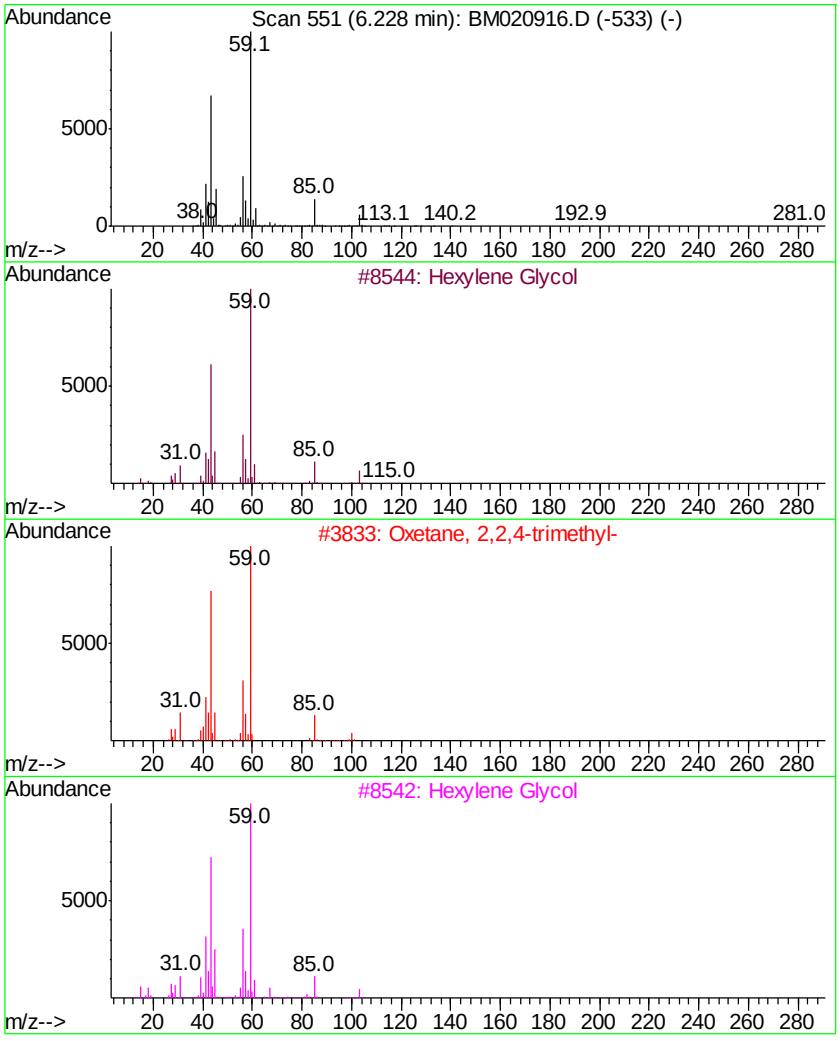
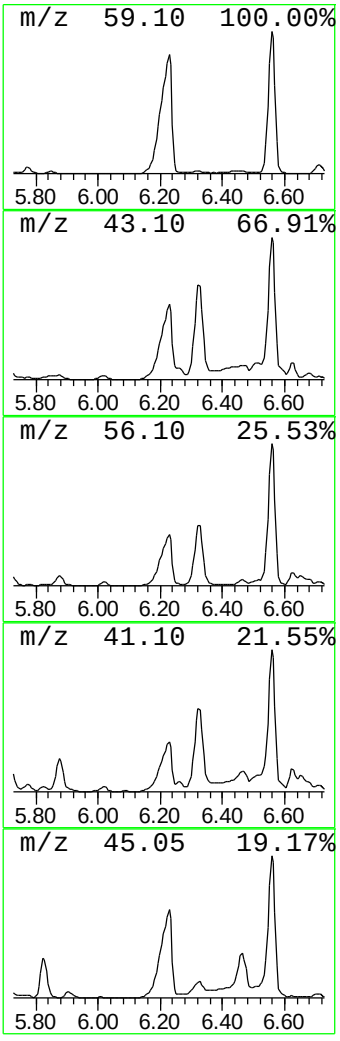
Peak Number 12 Hexylene Glycol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	22.14 ng/ul	14466800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene Glycol	118	C6H14O2	000107-41-5	90
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	Hexylene Glycol	118	C6H14O2	000107-41-5	59
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	53
5	Hexylene Glycol	118	C6H14O2	000107-41-5	50





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Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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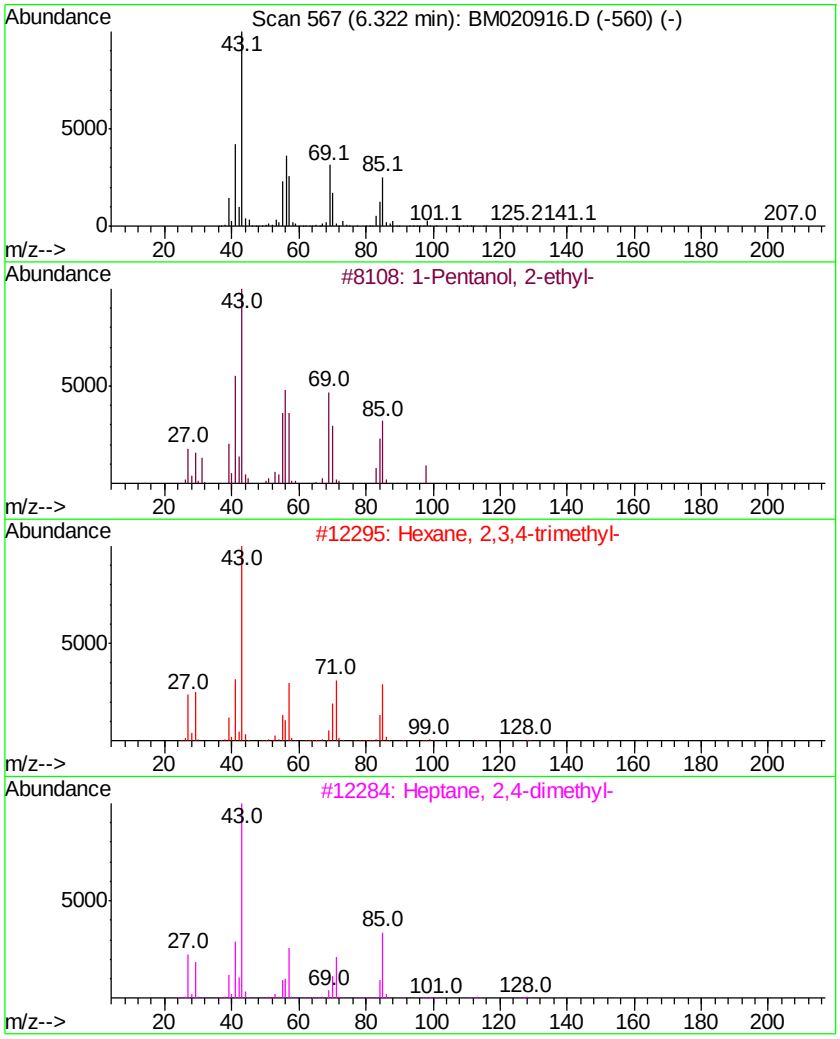
Quant Title : SVOA CALIBRATION

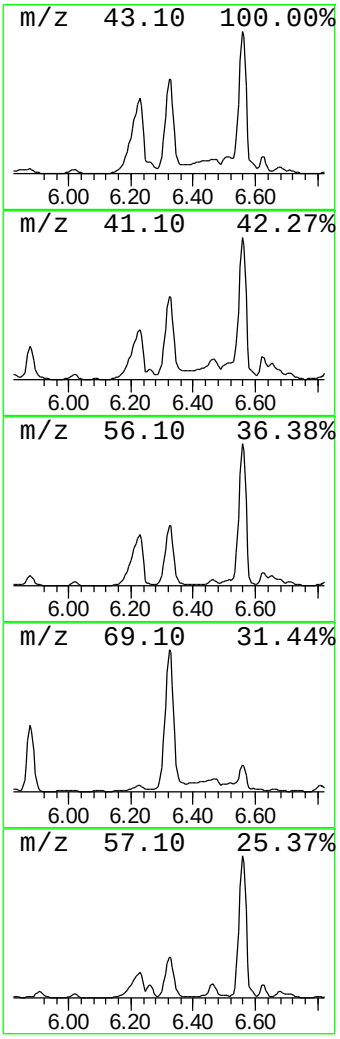
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Pentanol, 2-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	16.10 ng/ul	10518300	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Octane	114	C8H18	000111-65-9	59





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Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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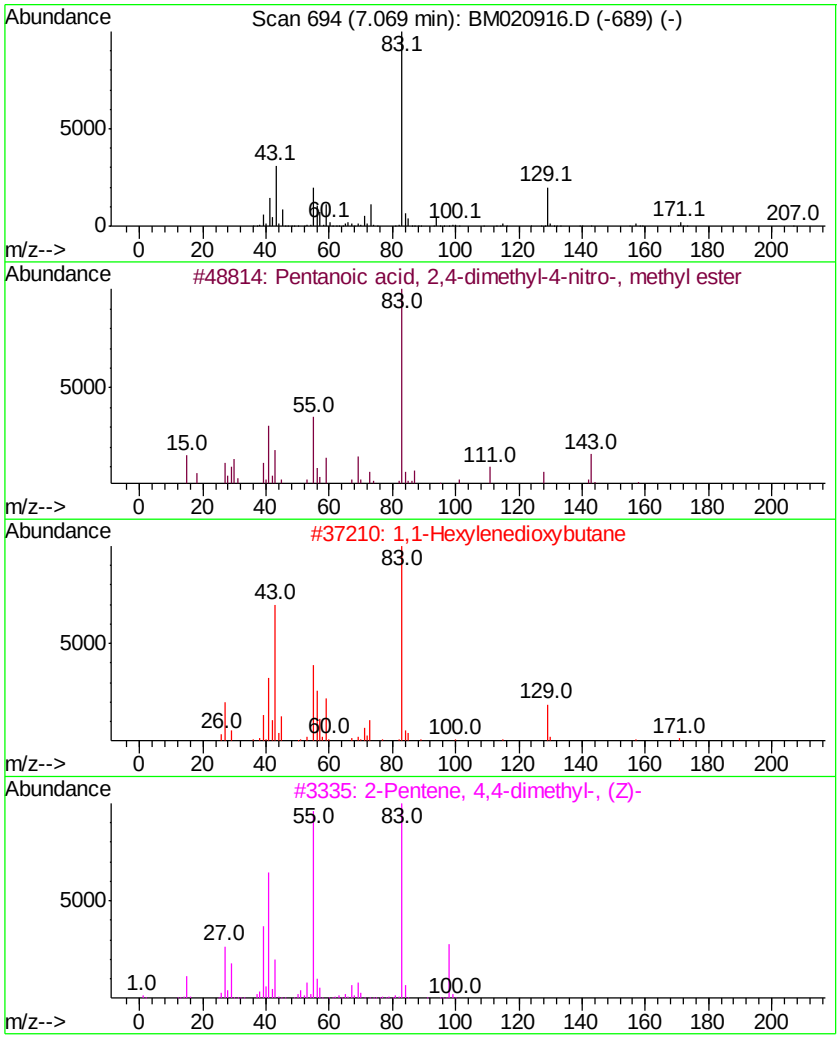
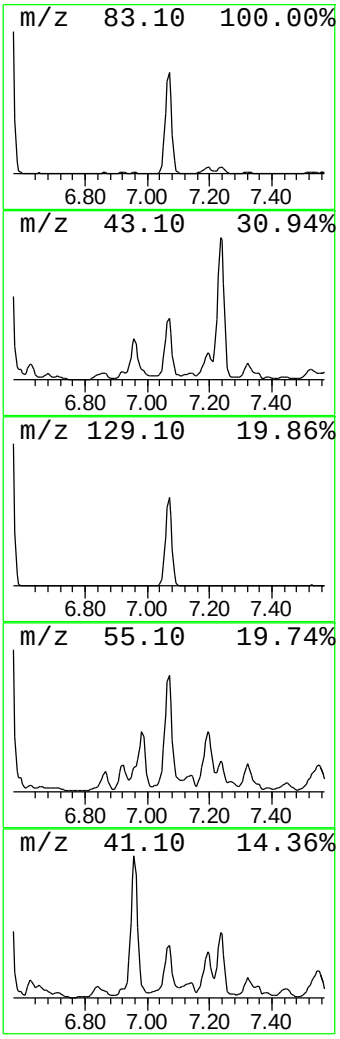
Peak Number 15 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	20.83 ng/ul	13608300	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	28
4	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
5	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	9





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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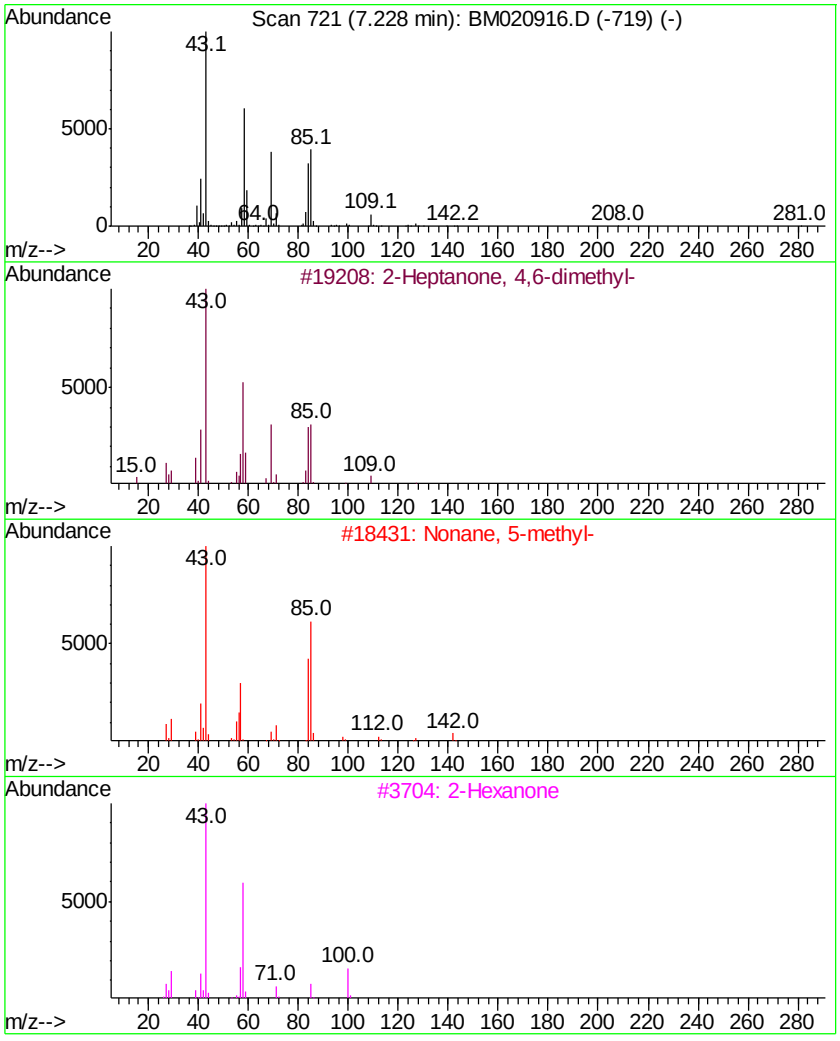
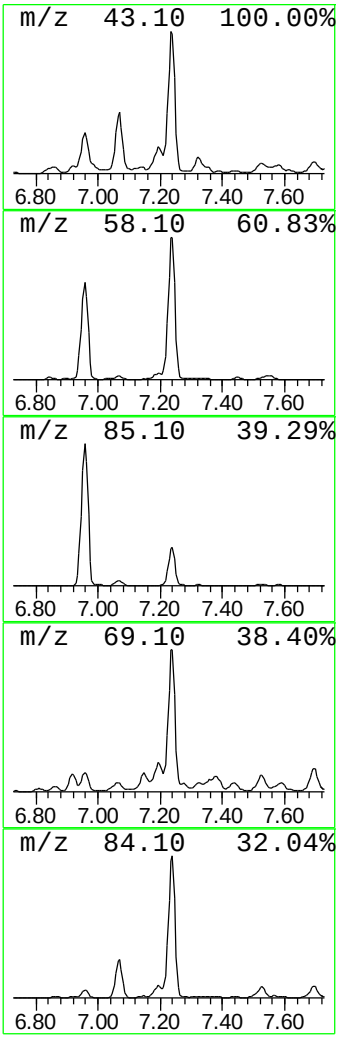
Peak Number 16 2-Heptanone, 4,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	19.77 ng/ul	12918200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	50
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	35
3	2-Hexanone	100	C6H12O	000591-78-6	35
4	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	33
5	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	27





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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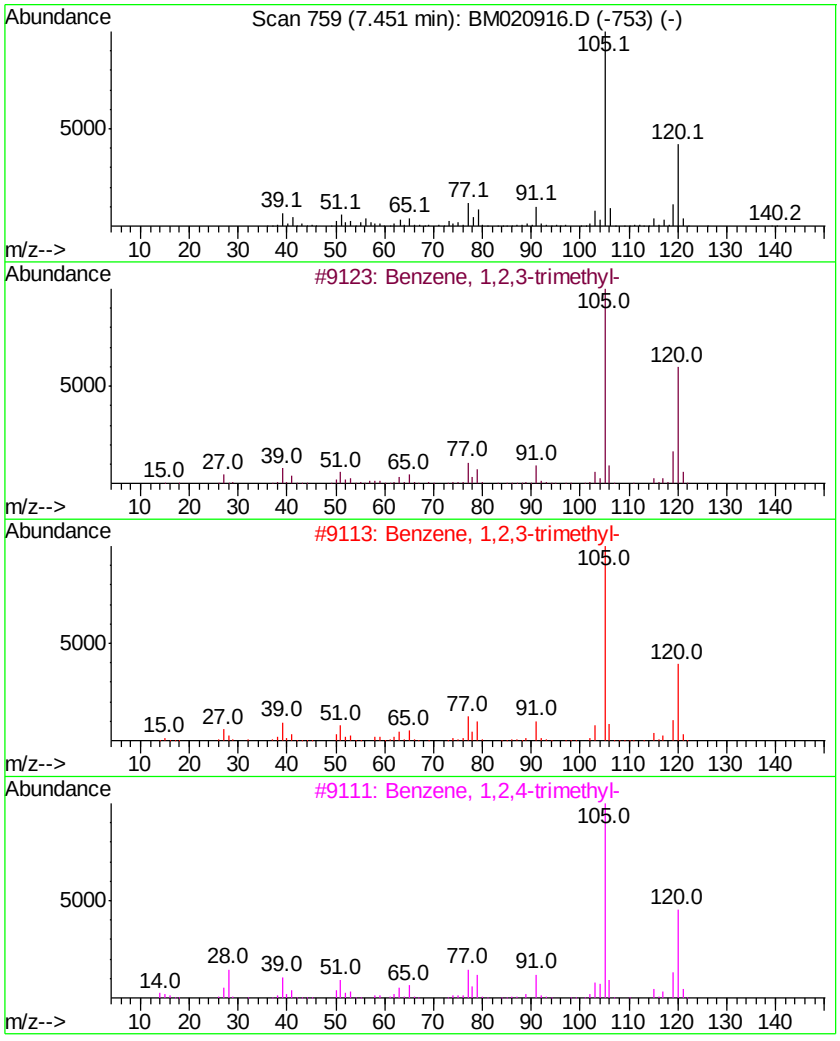
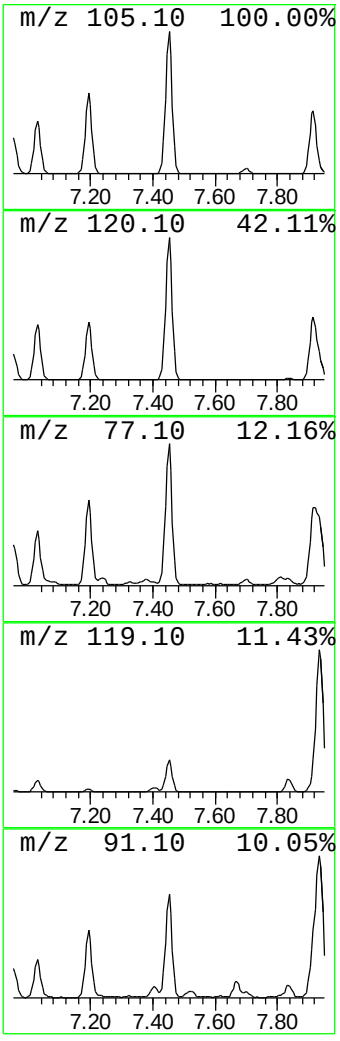
Peak Number 17 Benzene, 1,2,3-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	9.00 ng/ul	5881030	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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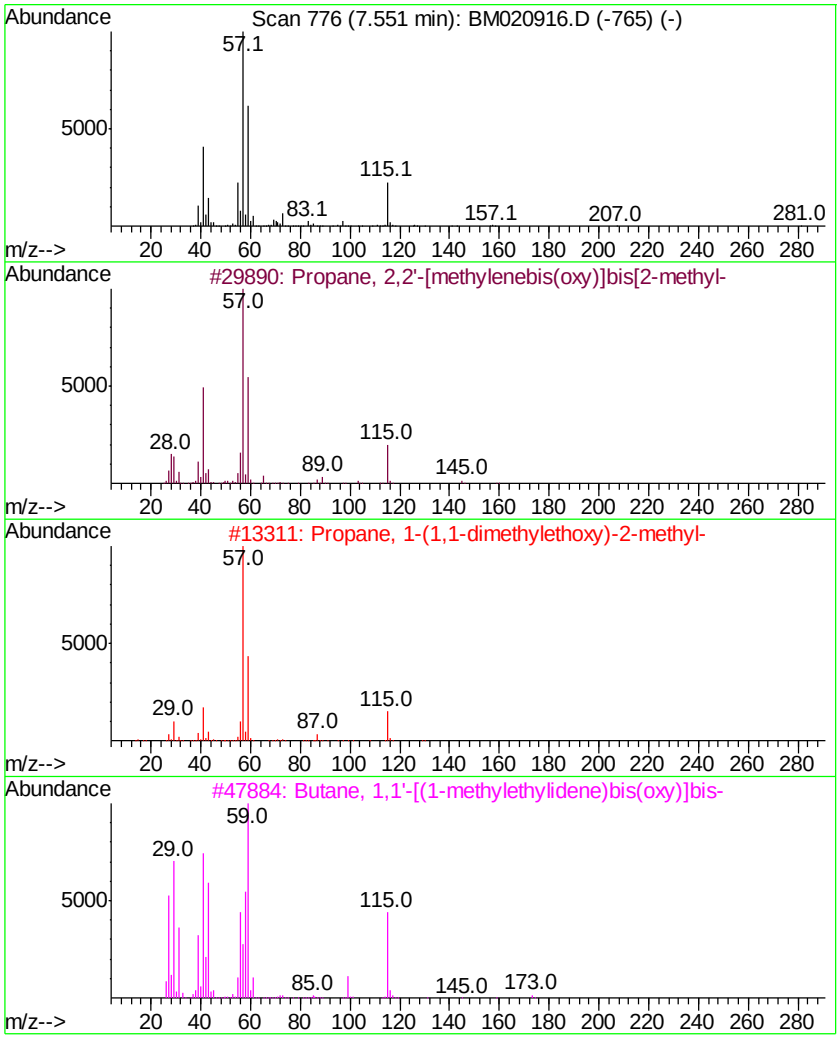
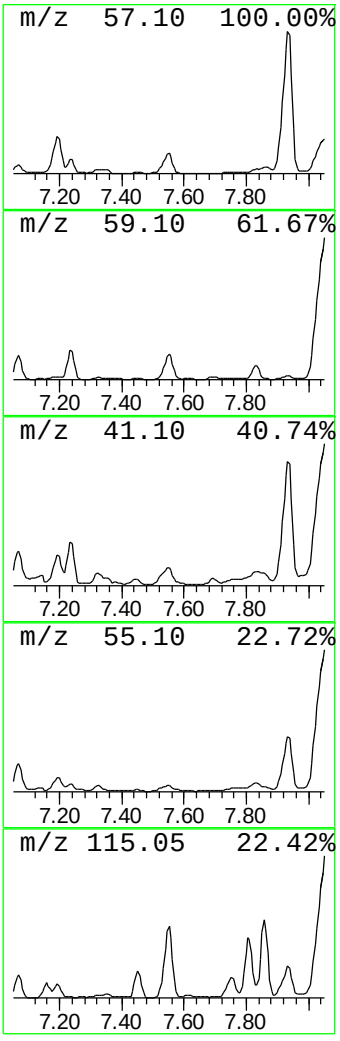
Peak Number 18 Propane, 2,2'-[methylenebis... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	10.22 ng/ul	6674560	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	64
2	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	64
3	Butane, 1,1'-[(1-methylethyliden...	188	C11H24O2	000141-72-0	50
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	35
5	(tert-Butoxymethyl)oxirane	130	C7H14O2	007665-72-7	28





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Instrument : BNA_M
ClientSampleId : DB8J4

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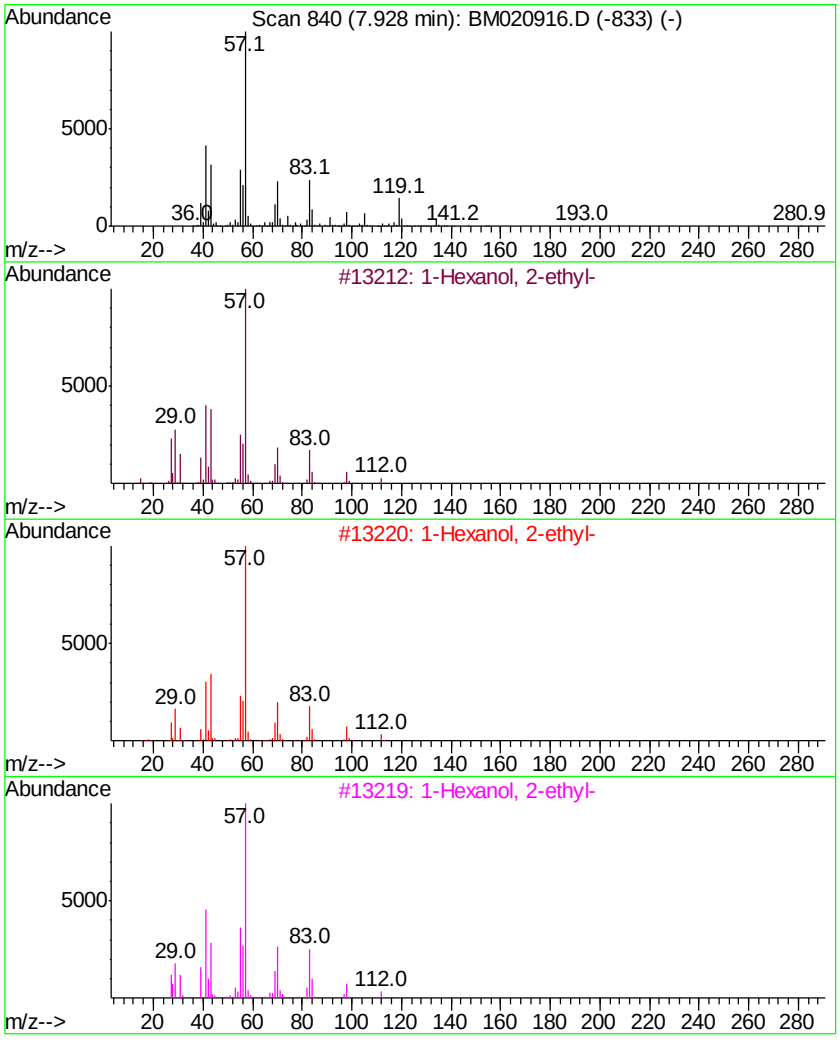
Quant Title : SVOA CALIBRATION

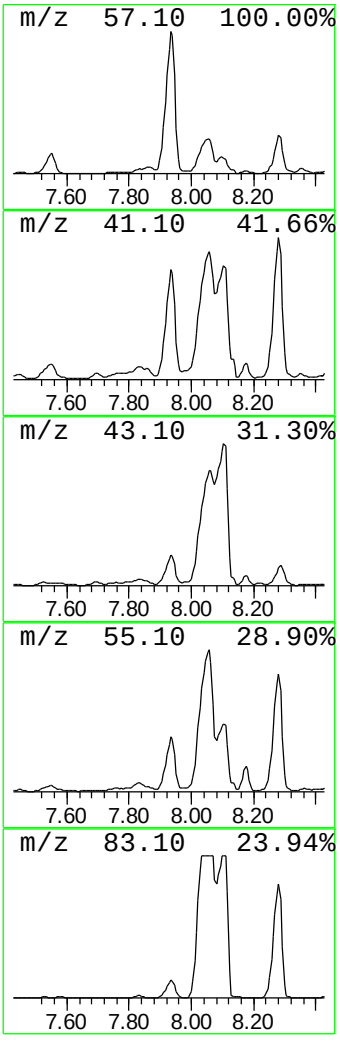
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	53.60 ng/ul	35016200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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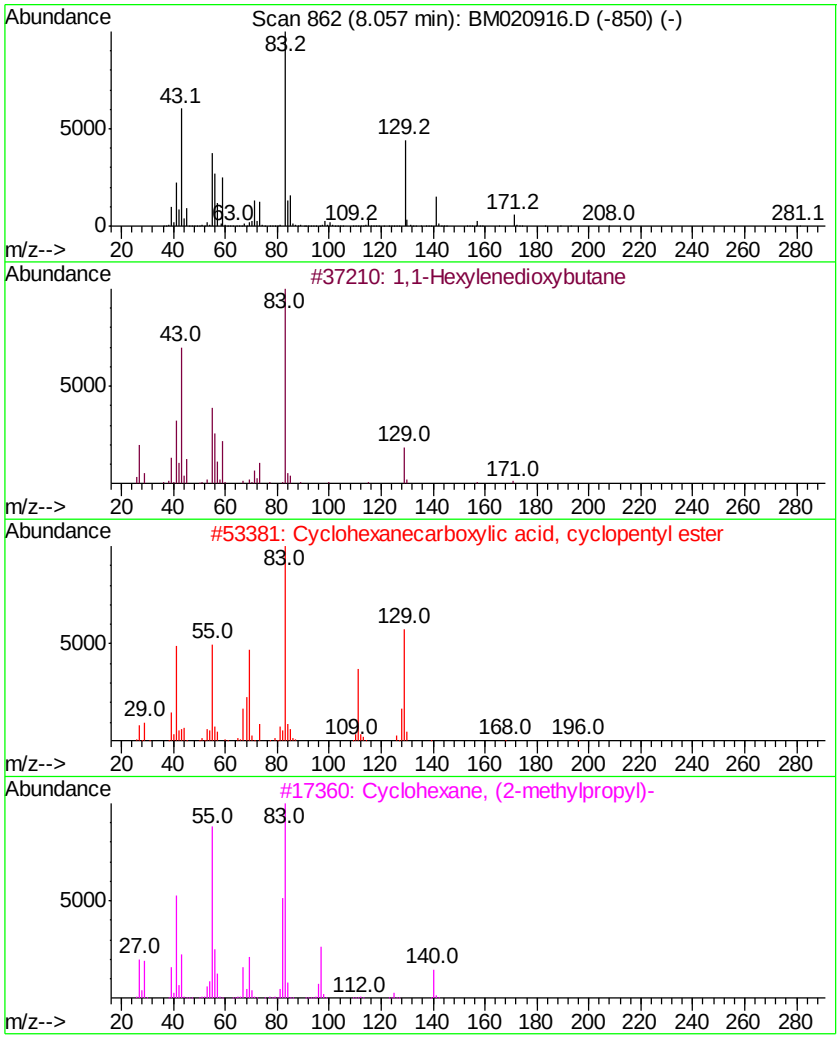
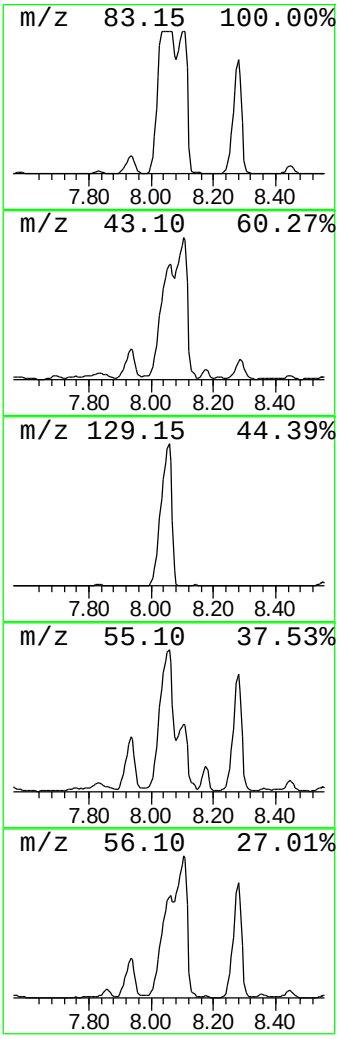
Peak Number 20 1,1-Hexylenedioxybutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	194.68 ng/ul	127185000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	50
2	Cyclohexanecarboxylic acid, cycl...	196	C12H20O2	005420-91-7	42
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	23
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	17
5	2-Heptene, 5-ethyl-2,4-dimethyl-	154	C11H22	074421-06-0	17





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Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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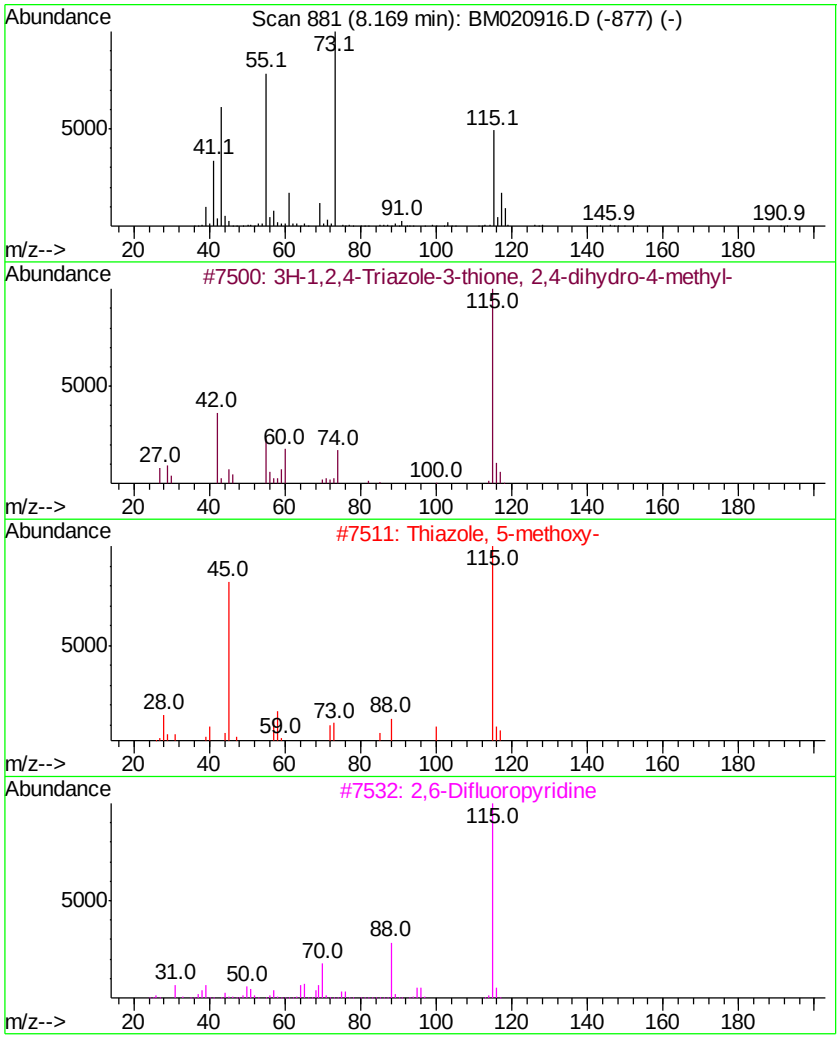
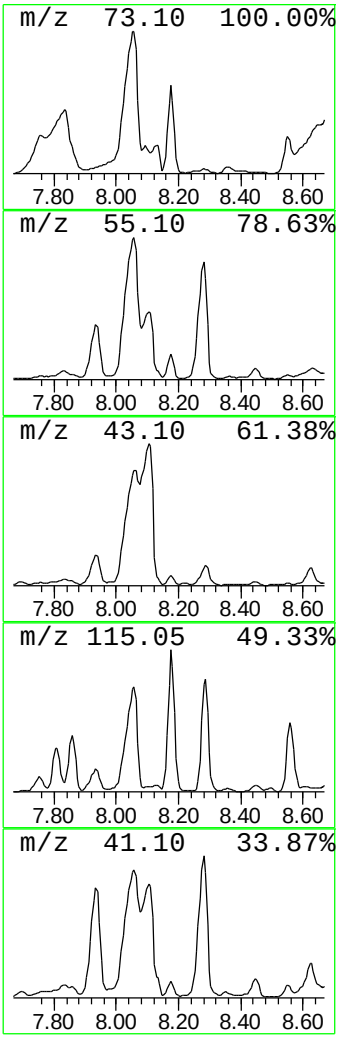
Peak Number 21 unknown-06 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.06 ng/ul	4613360	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	12
2	Thiazole, 5-methoxy-	115	C4H5NOS	014542-14-4	9
3	2,6-Difluoropyridine	115	C5H3F2N	001513-65-1	9
4	Butanedioic acid, dimethyl ester	146	C6H10O4	000106-65-0	9
5	1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	9





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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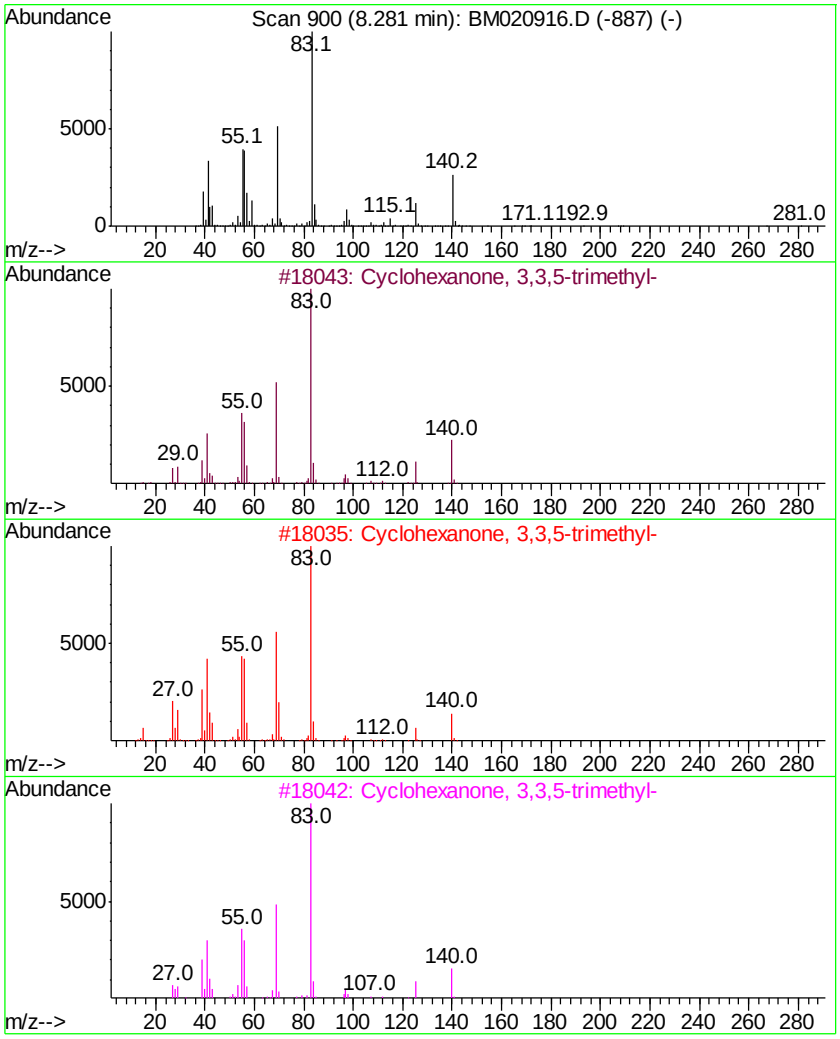
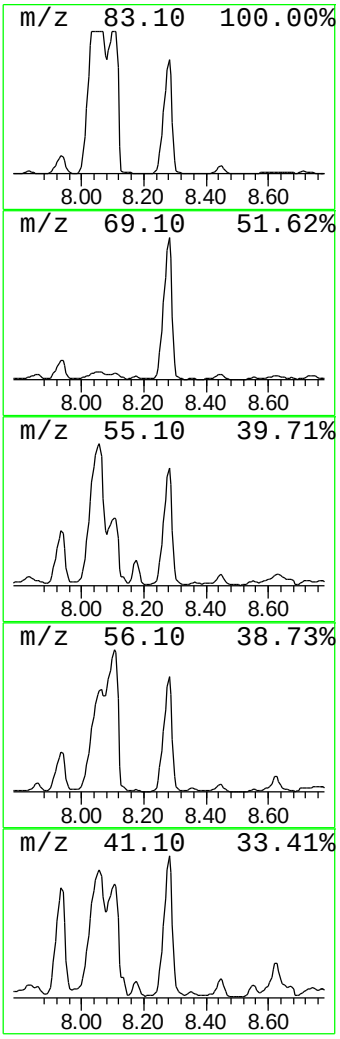
Peak Number 22 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	90.91 ng/ul	59390100	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	72
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	47





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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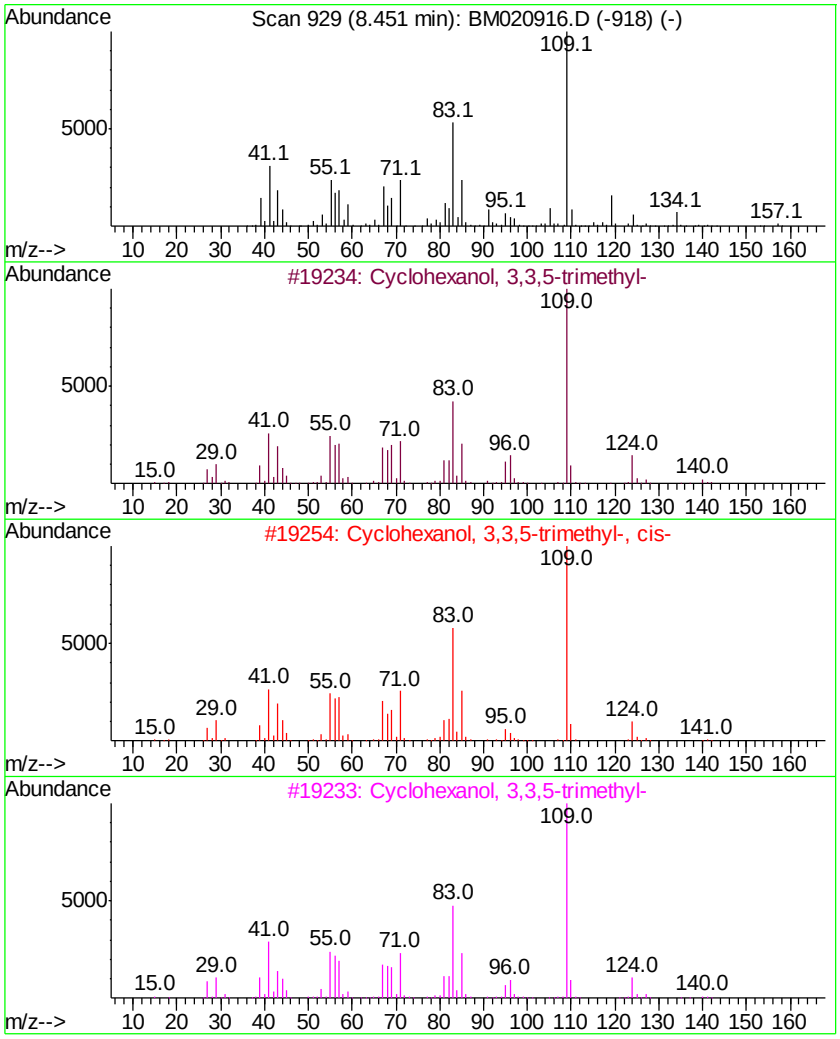
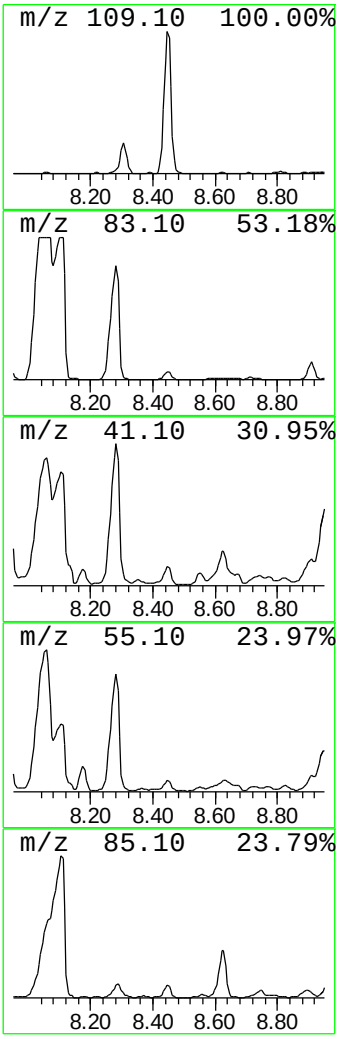
Peak Number 23 Cyclohexanol, 3,3,5-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.23 ng/ul	7990930	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	72
2	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	72
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	58
4	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	56
5	Allyltrivinylsilane	150	C9H14Si	115946-69-5	47





Library Search Compound Report

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Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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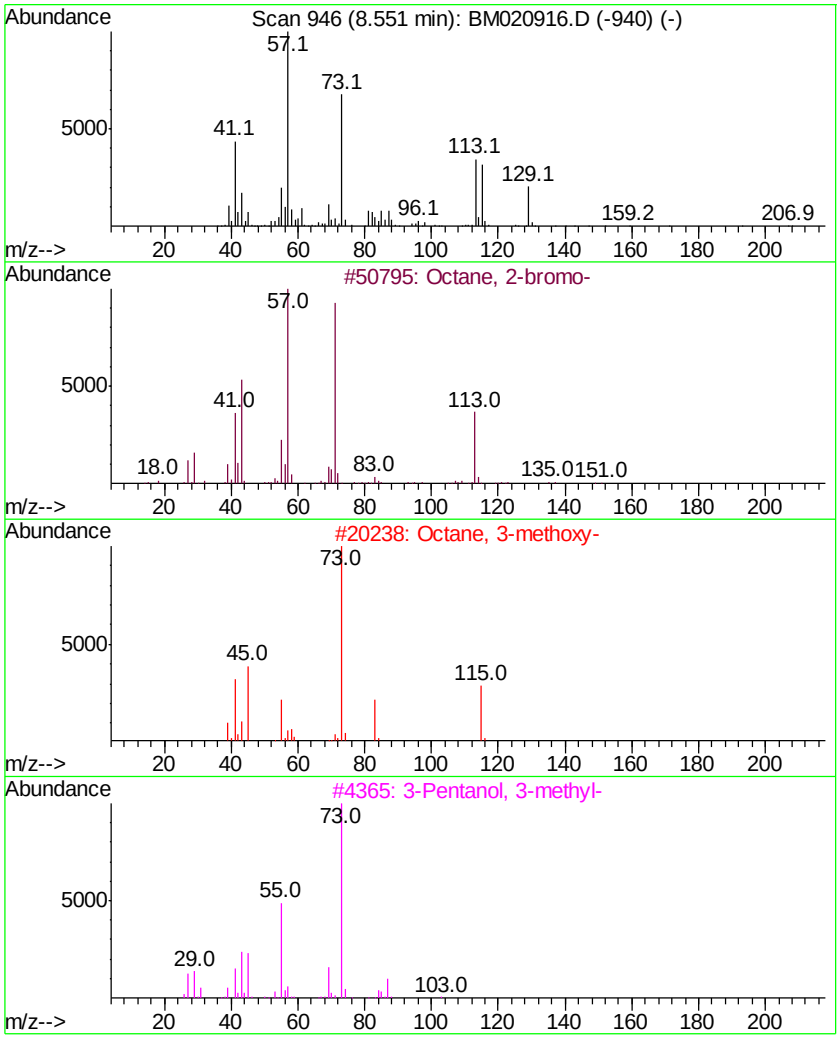
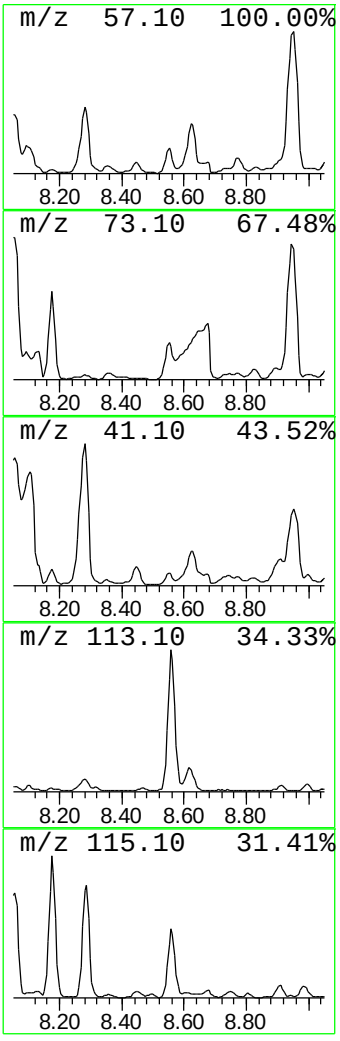
Peak Number 24 unknown-07 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	6.44 ng/ul	4209560	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27
2	Octane, 3-methoxy-	144	C9H20O	054658-02-5	10
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	10
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	10
5	Borinic acid, diethyl-	86	C4H11BO	004426-31-7	10





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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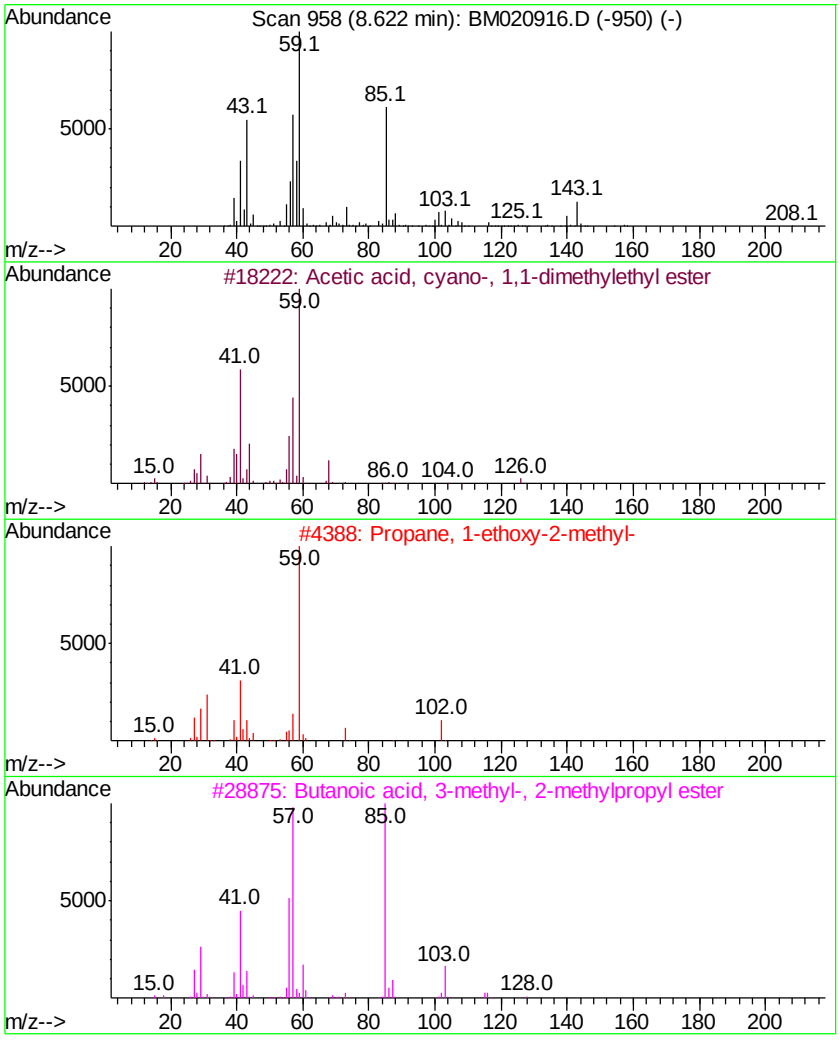
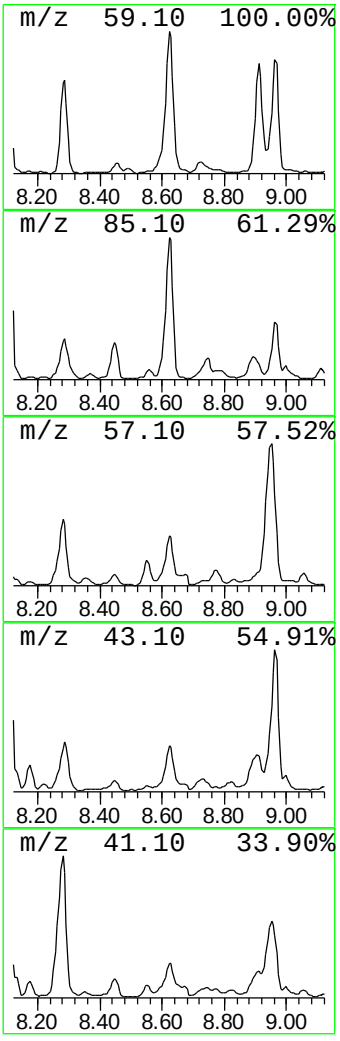
Peak Number 25 unknown-08 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	22.74 ng/ul	14853800	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Butanoic acid, 3-methyl-, 2-meth...	158	C9H18O2	000589-59-3	16
4	Butanamide	87	C4H9NO	000541-35-5	16
5	Thiazole	85	C3H3NS	000288-47-1	14





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

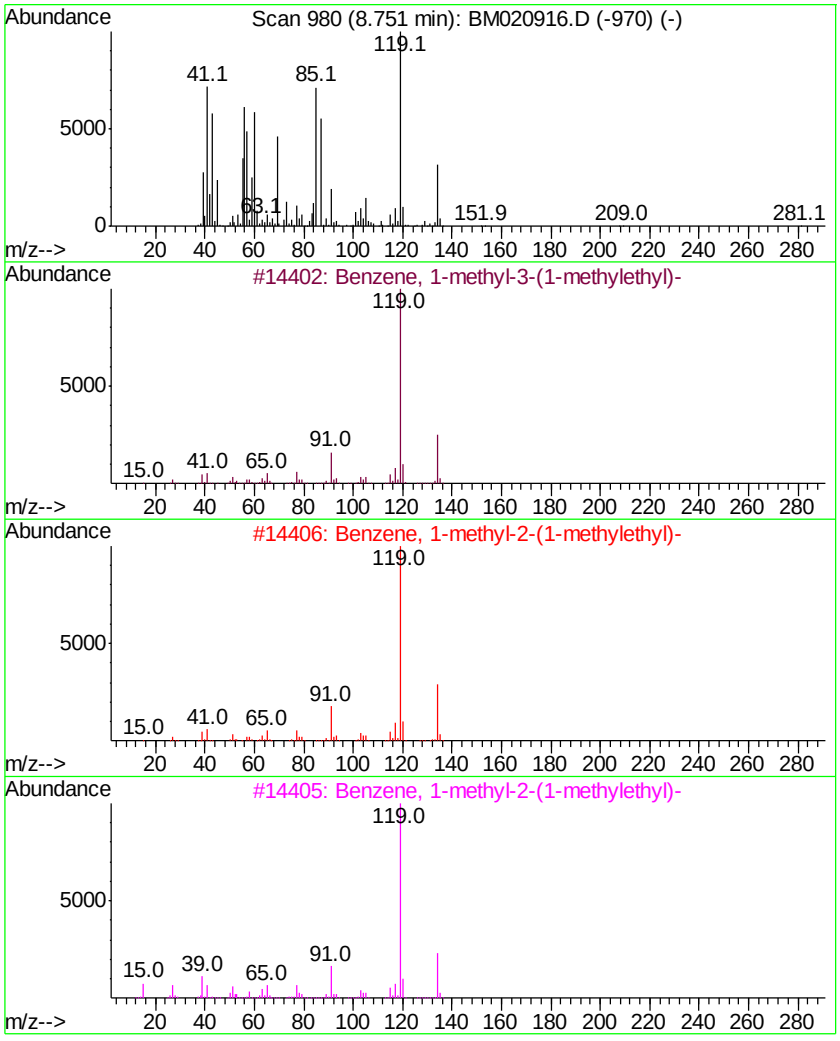
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

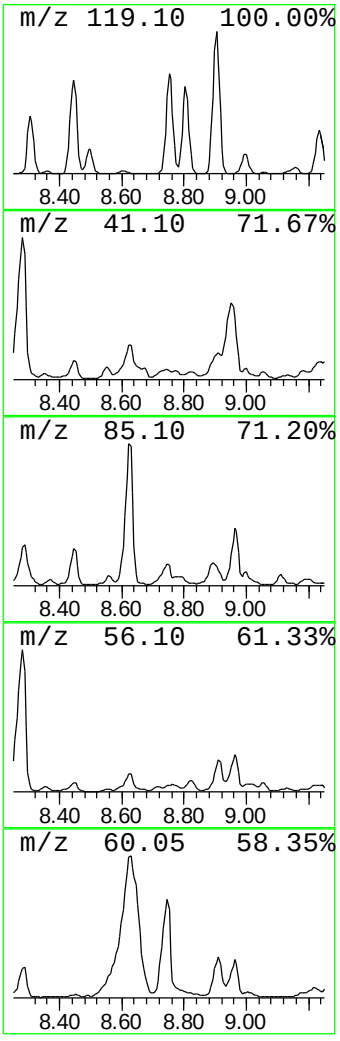
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-3-(1-meth... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	8.96 ng/ul	5853510	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	56
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





Library Search Compound Report

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Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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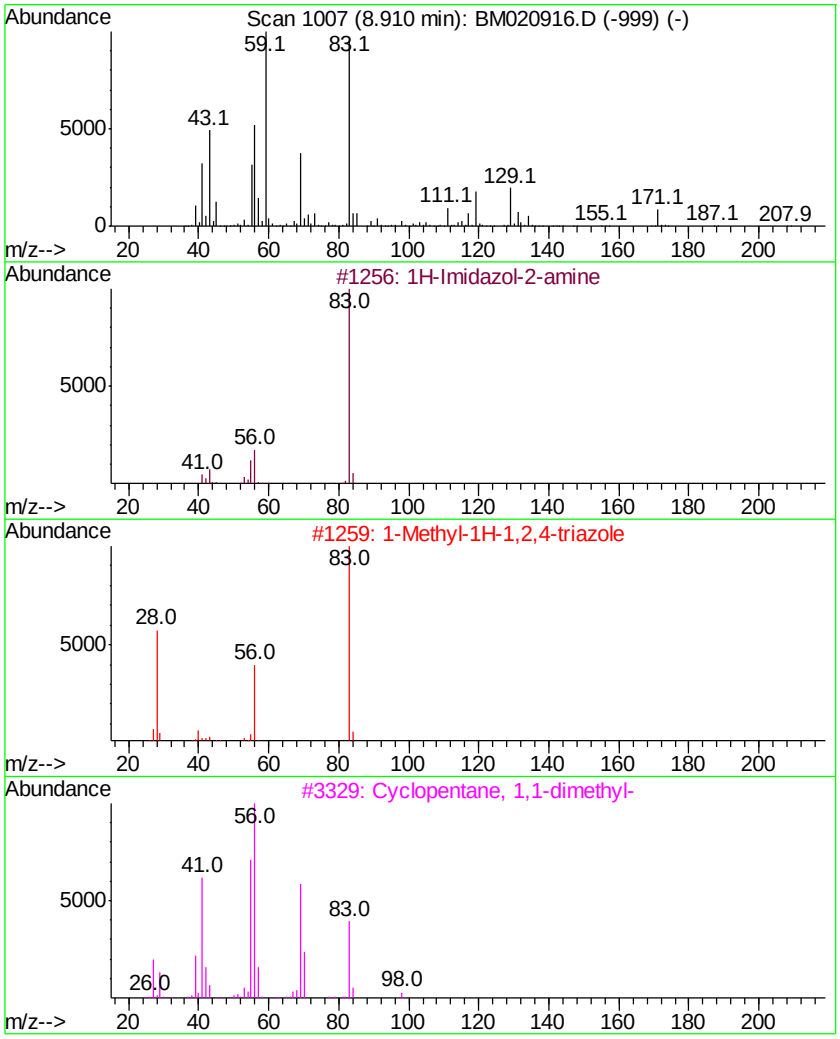
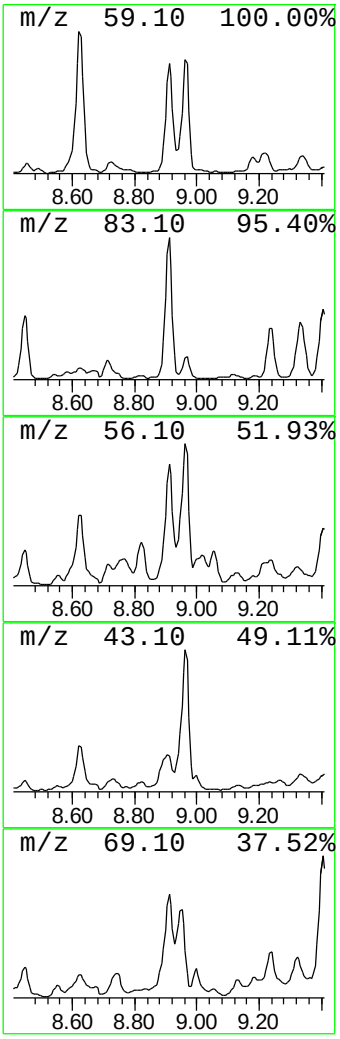
Peak Number 27 unknown-09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	20.07 ng/ul	13112400	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	35
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	25
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	25
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	25
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	25





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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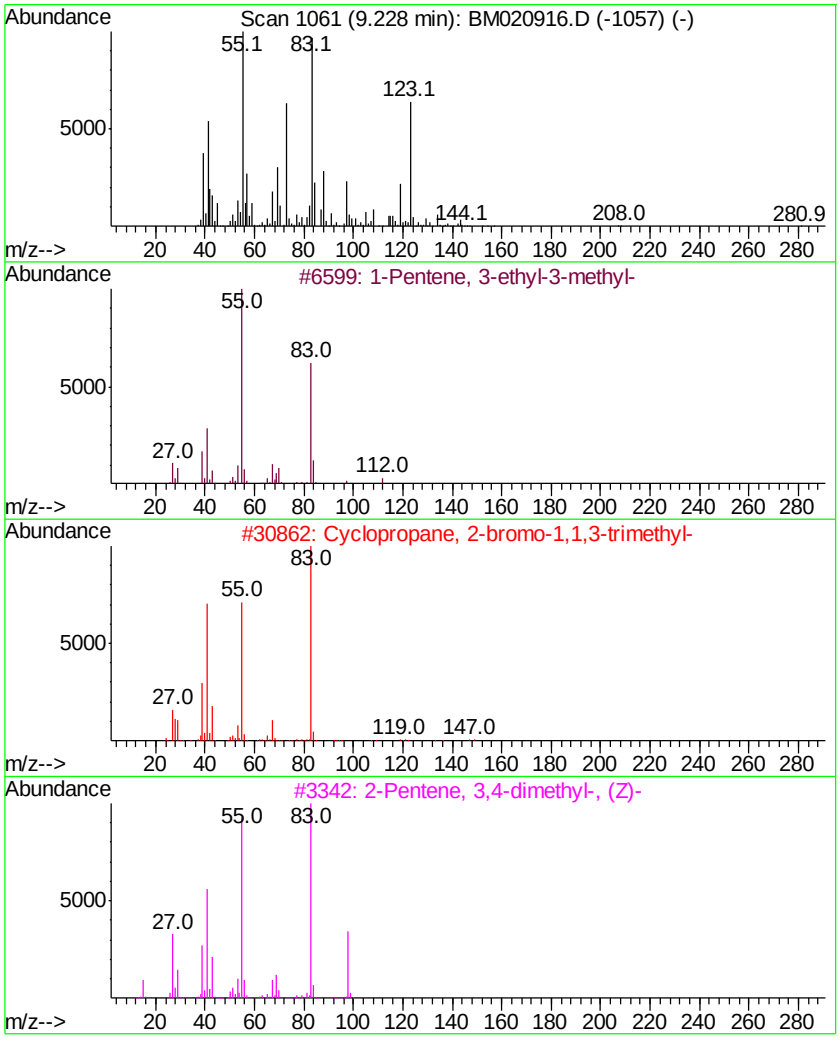
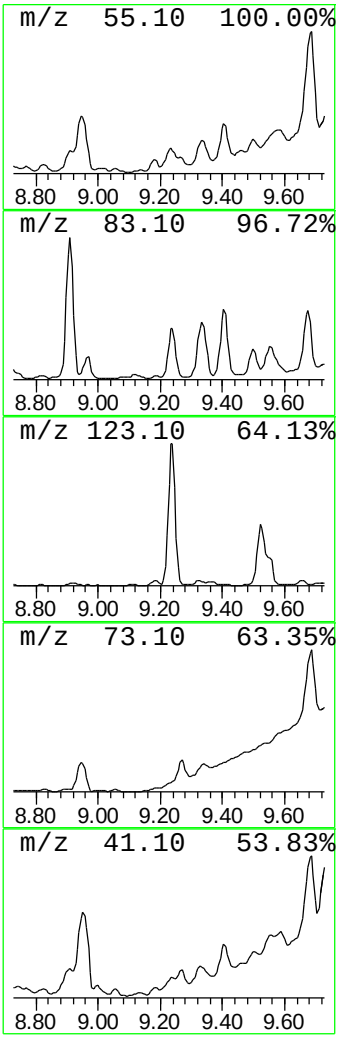
Peak Number 28 (DEL) Alkane: Cyclic9.23 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.37 ng/ul	5114040	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	38
2	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	35
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	35
4	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	35
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	35





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Instrument : BNA_M
ClientSampleId : DB8J4

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Quant Title : SVOA CALIBRATION

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

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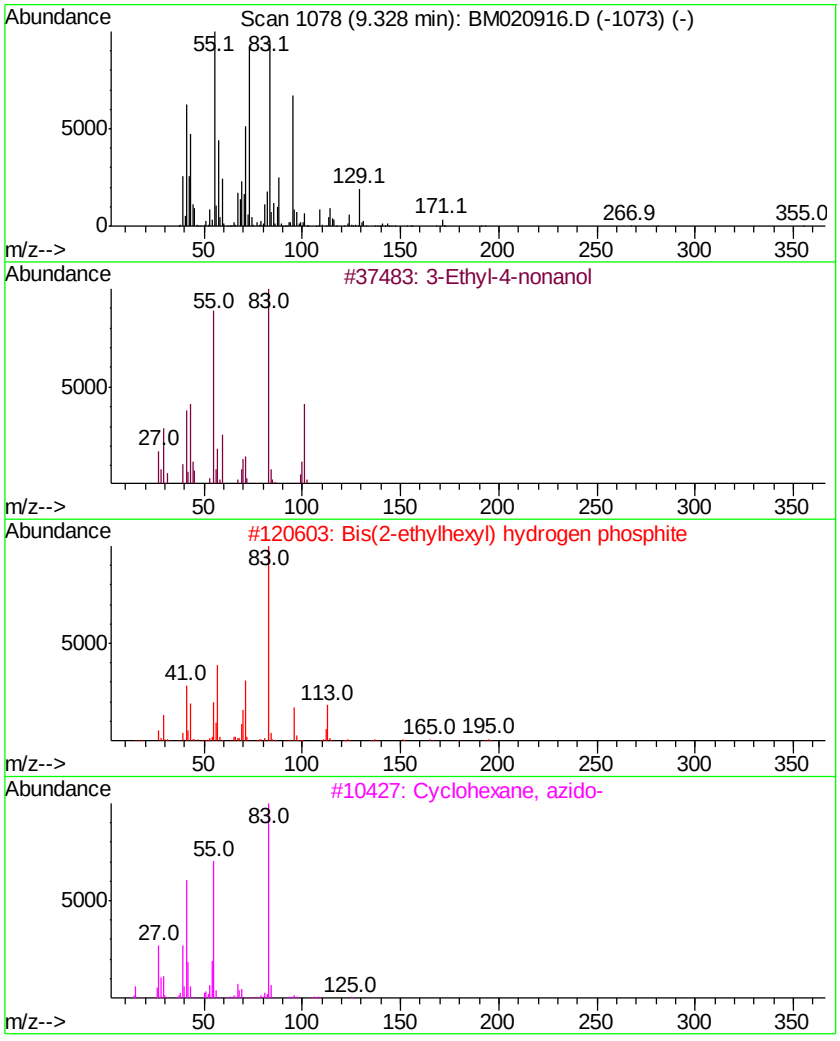
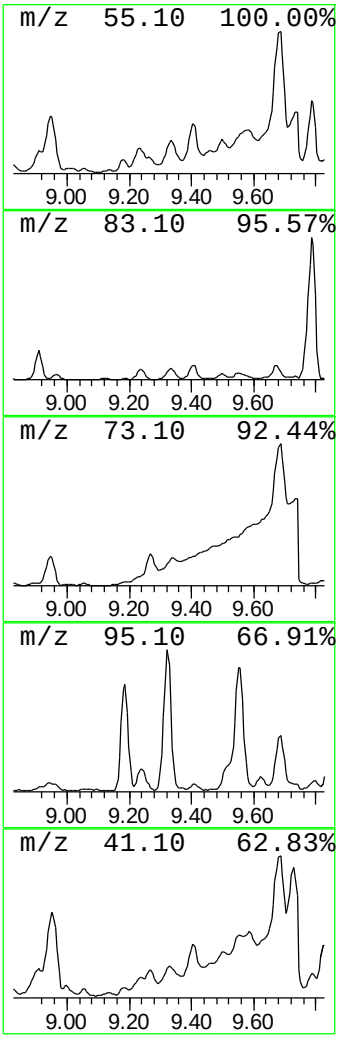
Peak Number 29 unknown-10 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.86 ng/ul	9199270	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-4-nonanol	172	C11H24O	019780-72-4	30
2	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	25
3	Cyclohexane, azido-	125	C6H11N3	019573-22-9	18
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	16
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	14





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Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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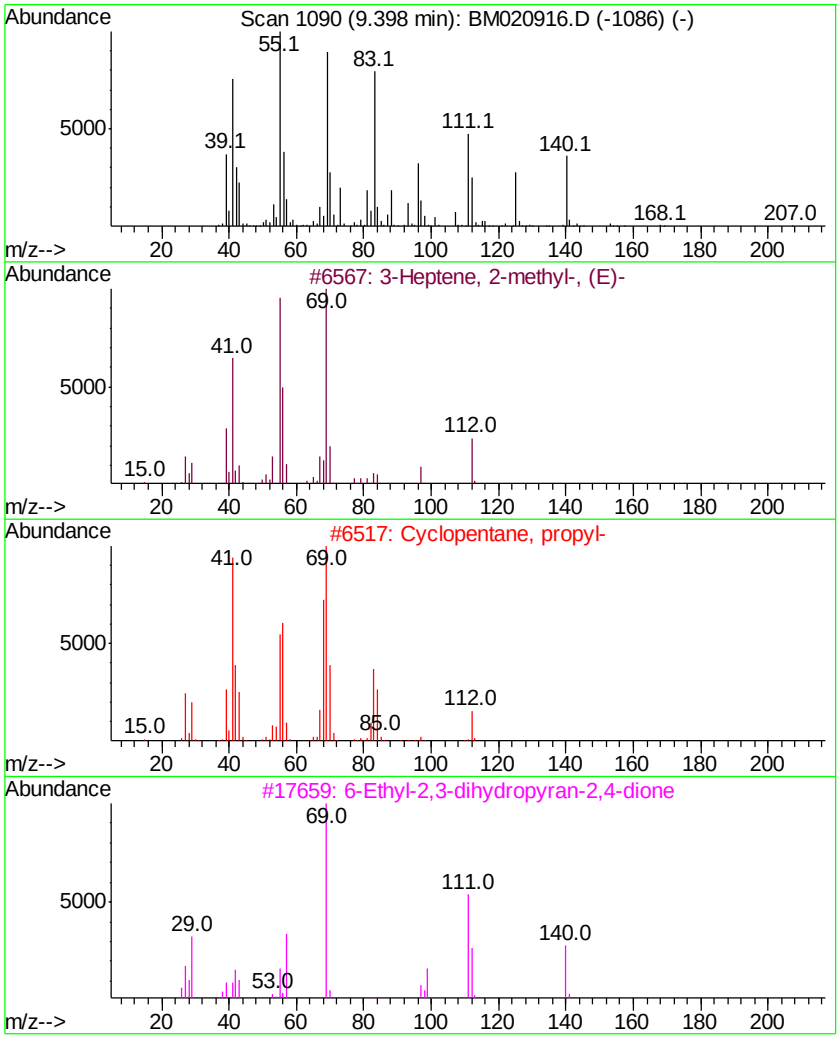
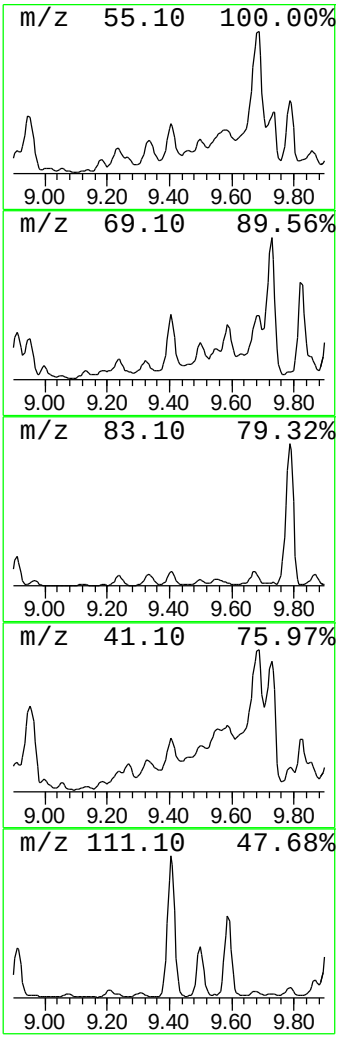
Peak Number 30 (DEL) Alkane: Cyclic9.40 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	9.96 ng/ul	11657400	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	41
3	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	38
4	2-Methyl-2-heptene	112	C8H16	000627-97-4	38
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38





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Quant Title : SVOA CALIBRATION

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

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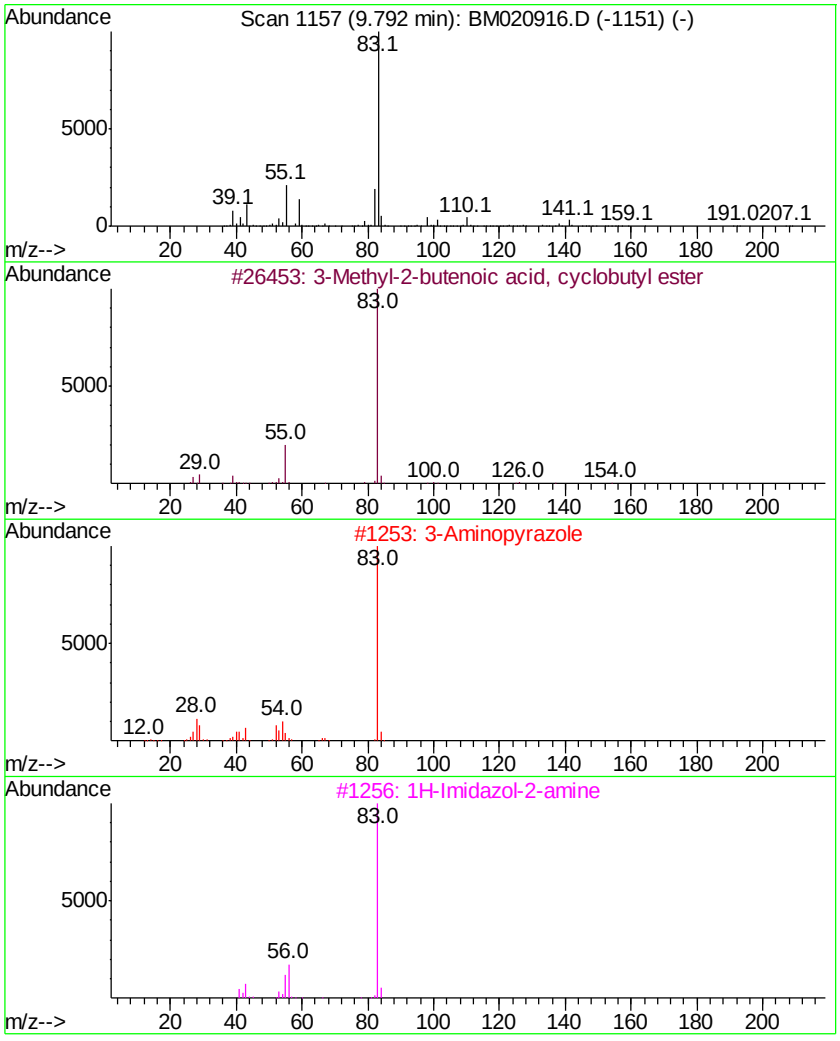
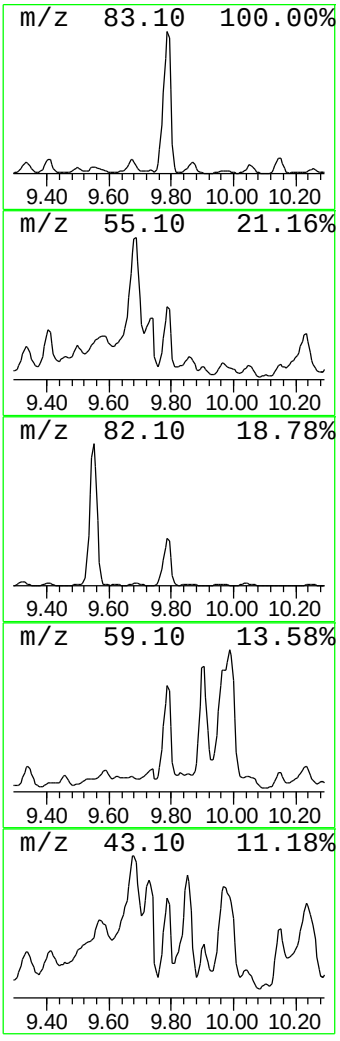
Peak Number 31 3-Methyl-2-butenoic acid, c... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.96 ng/ul	16333200	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	58
2	3-Aminopyrazole	83	C3H5N3	001820-80-0	50
3	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	42
4	N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	33
5	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

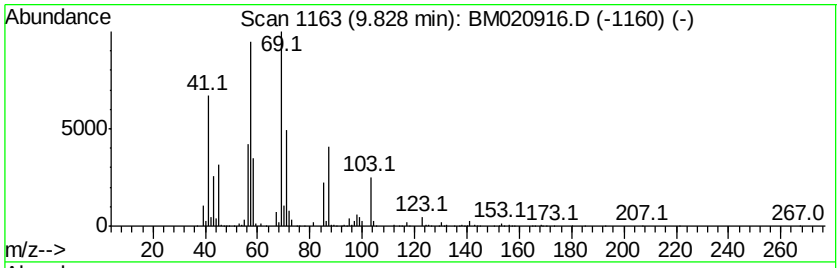
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

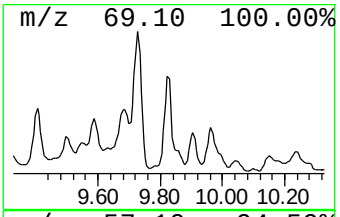
****

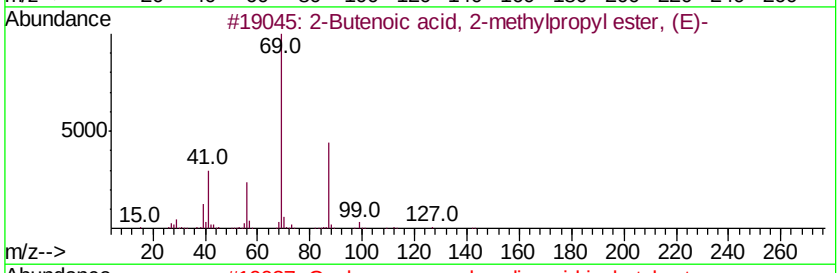
Peak Number 32 unknown-11 Concentration Rank 73

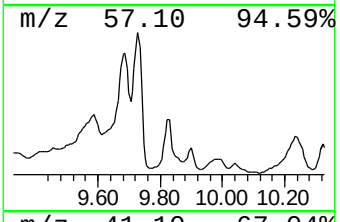
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.17 ng/ul	3714400	Naphthalene-d8	10.60

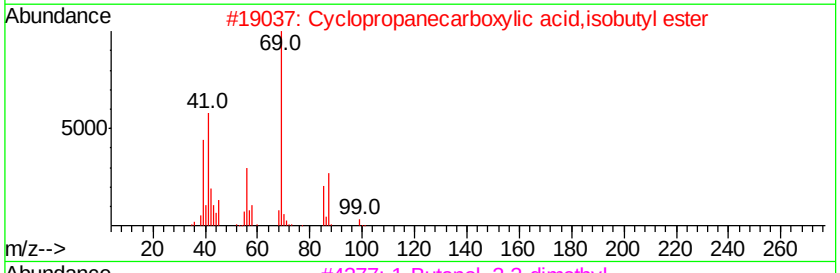
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	073545-15-0	43
2	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	40
3	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38
4	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38
5	Decane, 3-methyl-	156	C11H24	013151-34-3	27

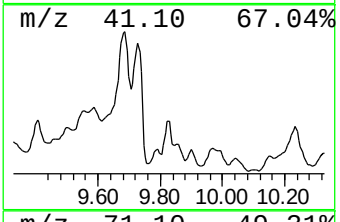


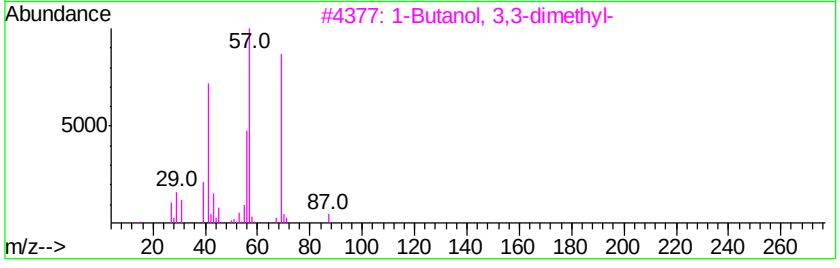


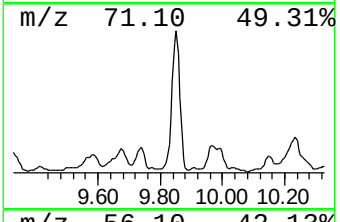


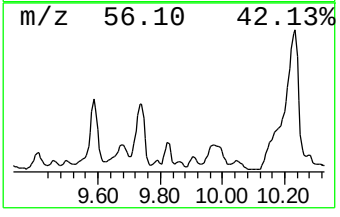












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

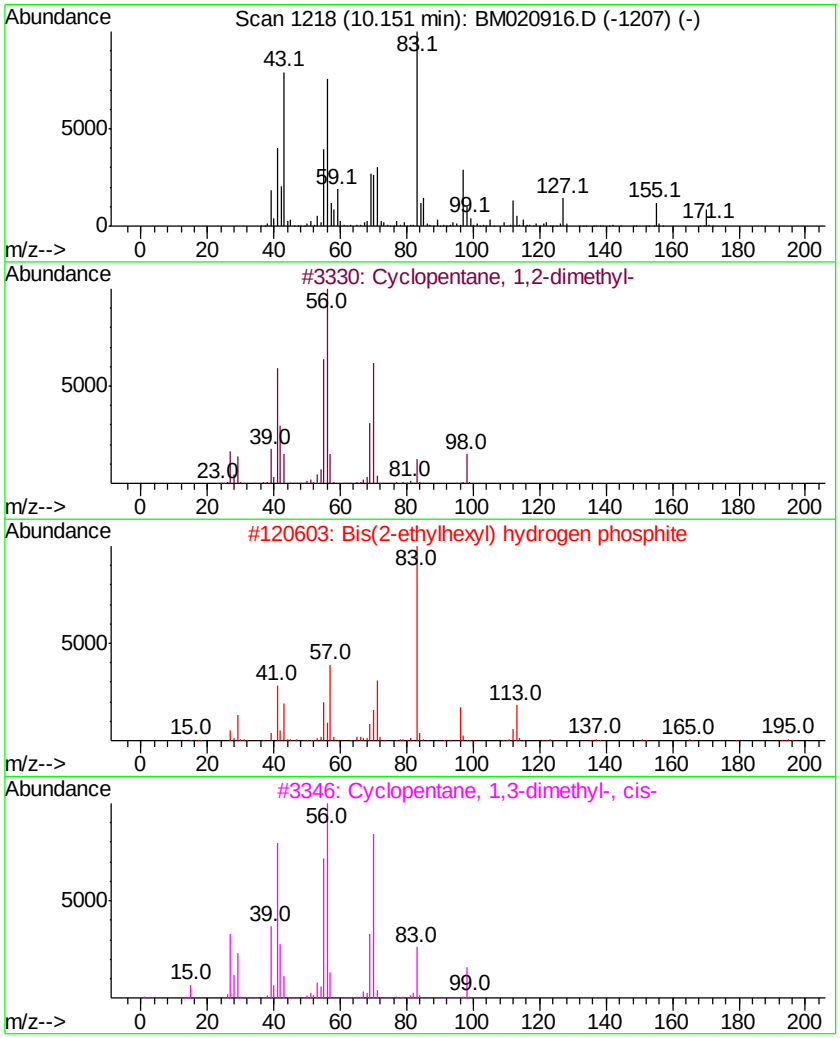
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

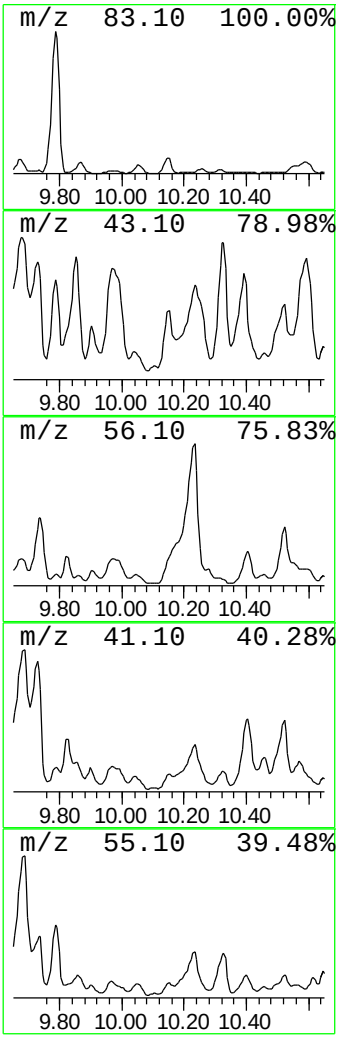
****

Peak Number 36 (DEL) Alkane: Cyclic10.15 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	6.63 ng/ul	7761980	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	30
2	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	27
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	27
4	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	27
5	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

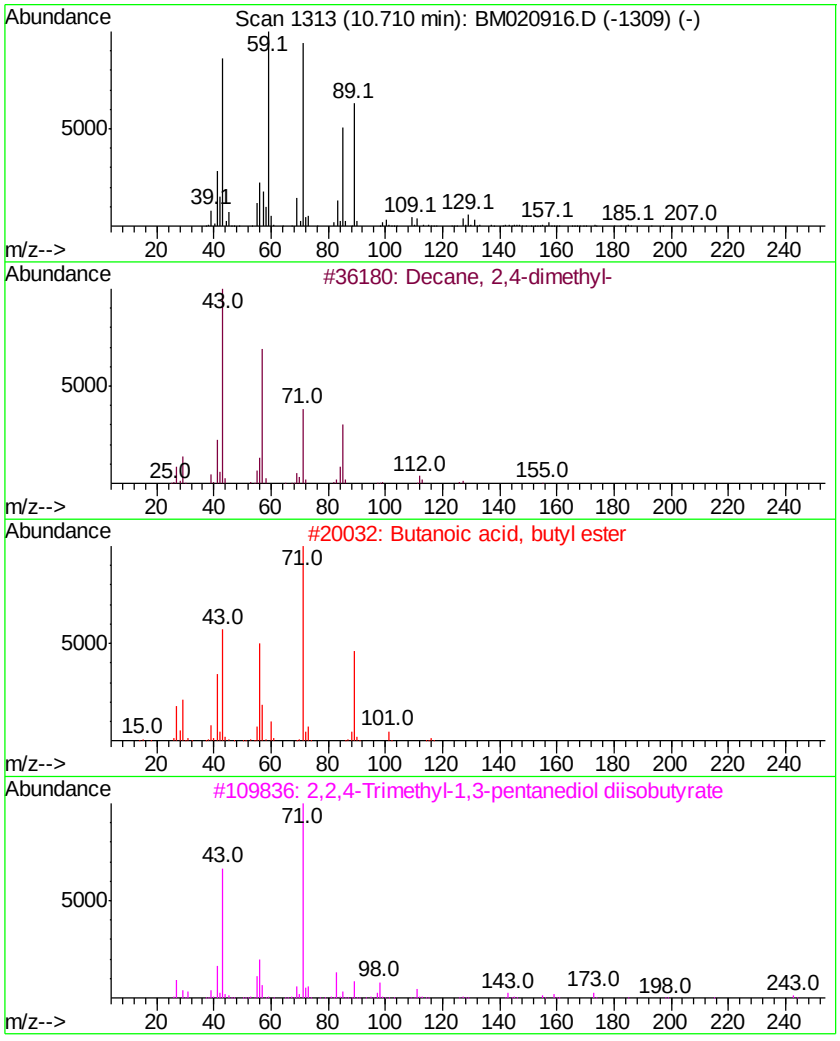
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

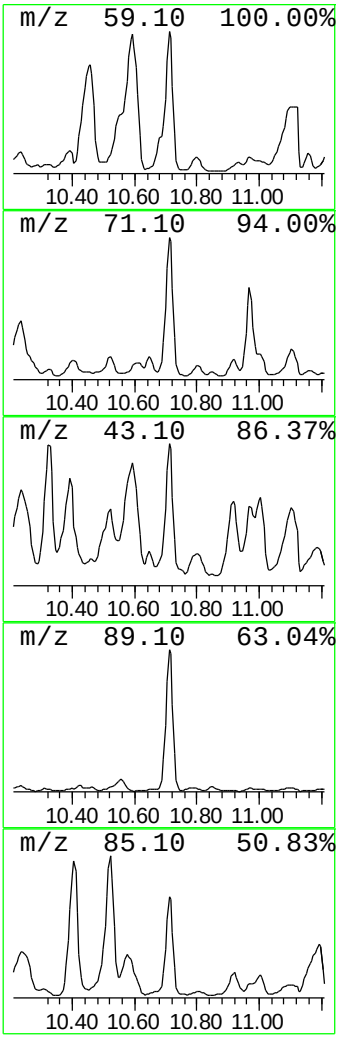
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	6.54 ng/ul	7652760	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	38
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	27
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	27
4	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	27
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

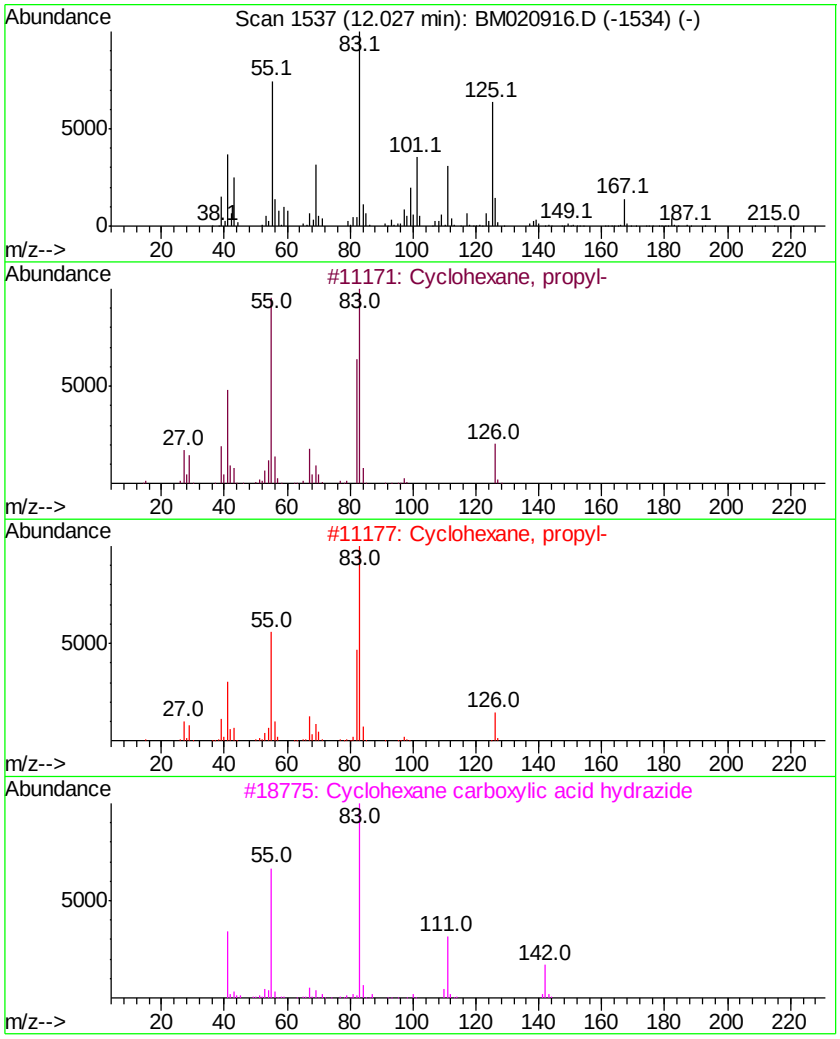
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

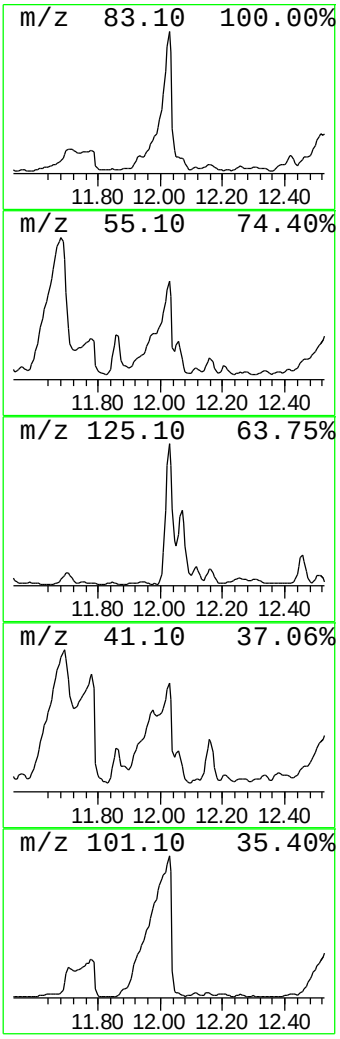
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Cyclic12.03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	11.53 ng/ul	13490600	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	45
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
3	Cyclohexane carboxylic acid hydr...	142	C7H14N2O	038941-47-8	43
4	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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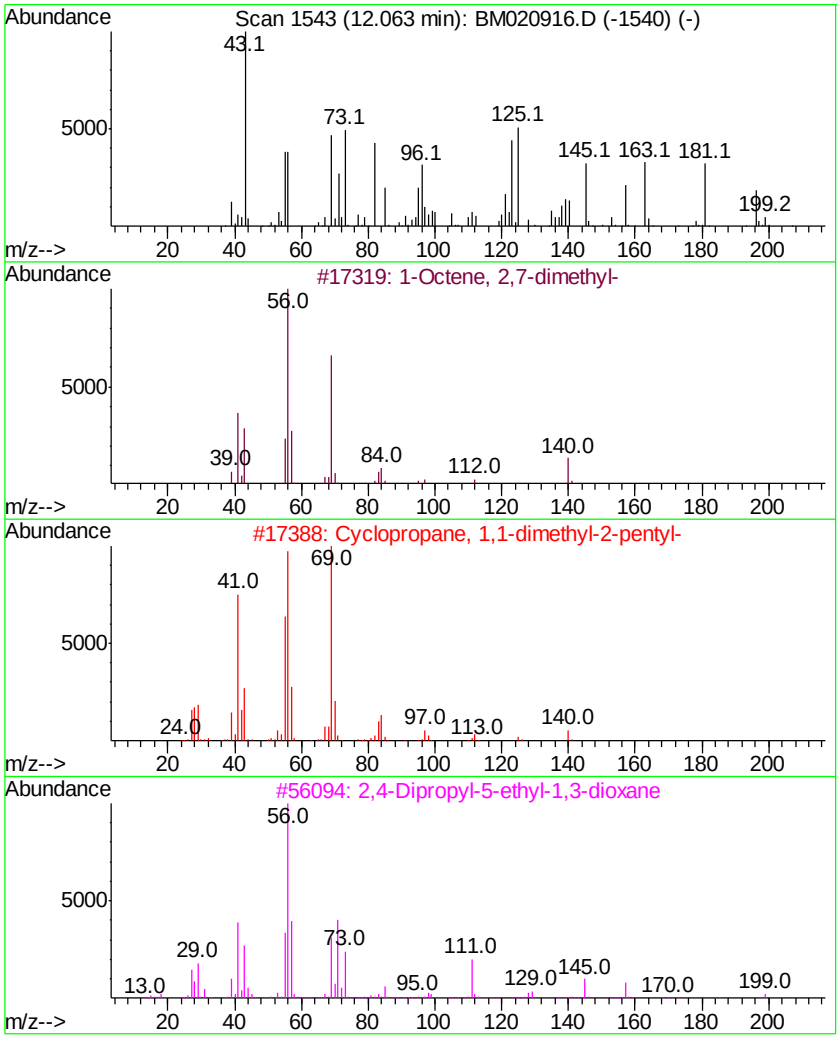
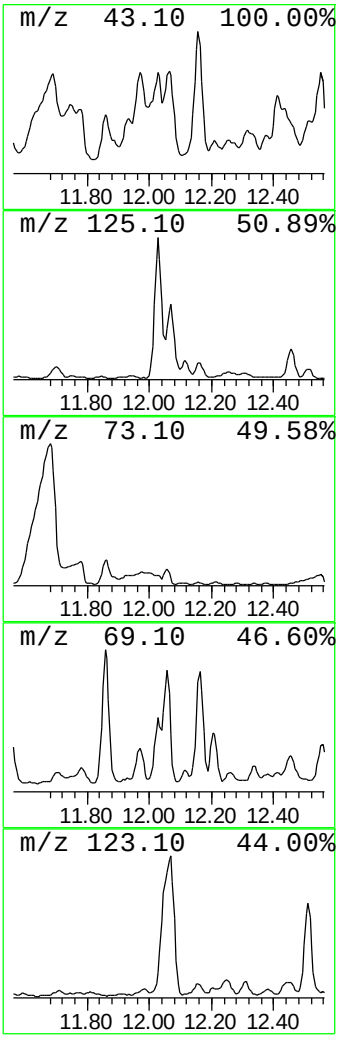
Peak Number 52 (DEL) Alkane: Cyclic12.06 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.64 ng/ul	6601180	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	38
2	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	38
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	35
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	27
5	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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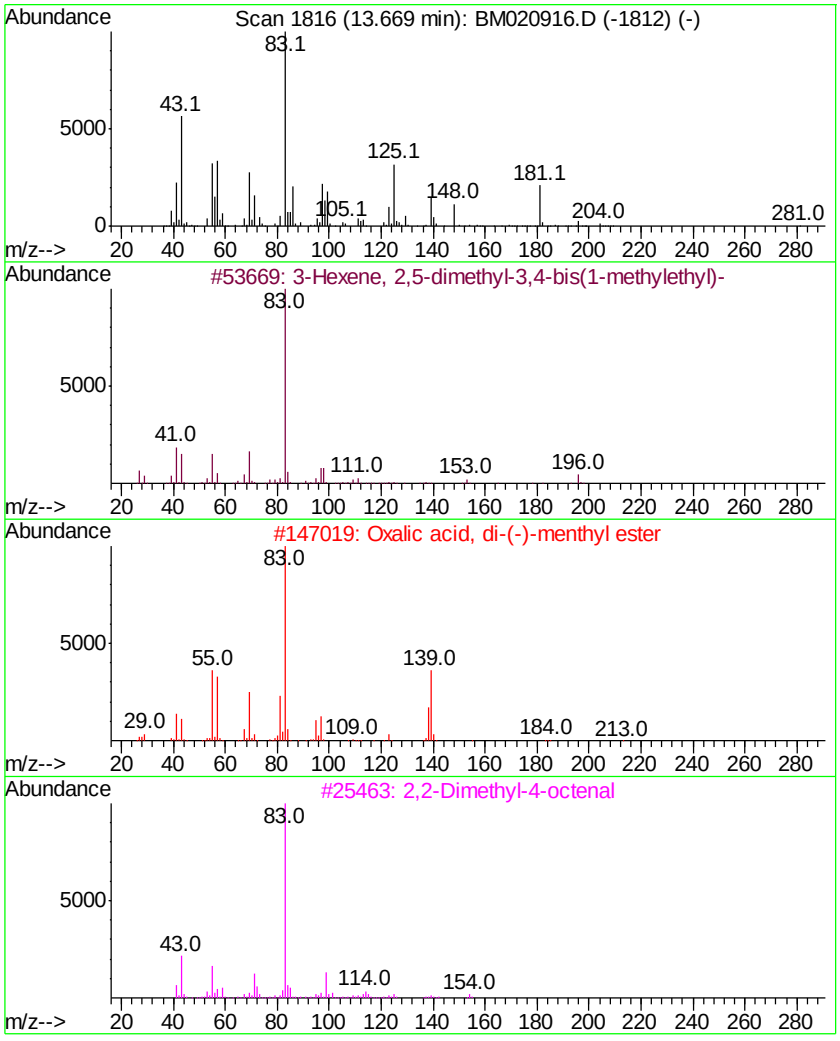
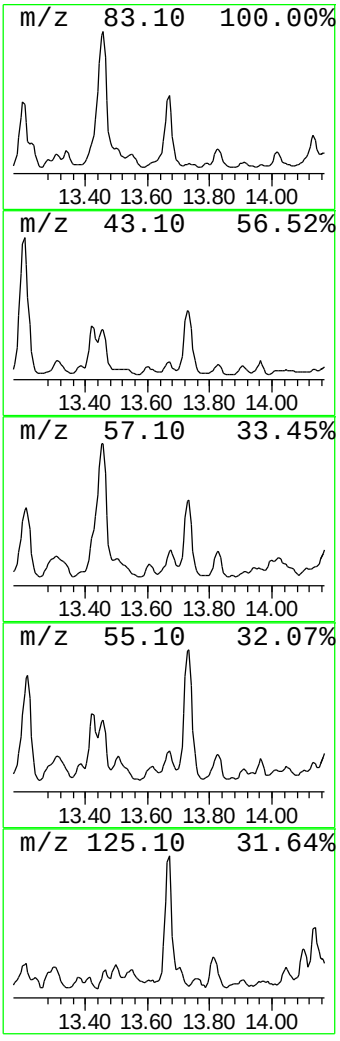
Peak Number 62 (DEL) Alkane: Cyclic13.67 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	16.79 ng/ul	3730180	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,5-dimethyl-3,4-bis(1...	196	C14H28	007090-88-2	35
2	Oxalic acid, di-(-)-menthyl ester	366	C22H38O4	1000158-45-3	35
3	2,2-Dimethyl-4-octenal	154	C10H18O	030390-60-4	35
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	35
5	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

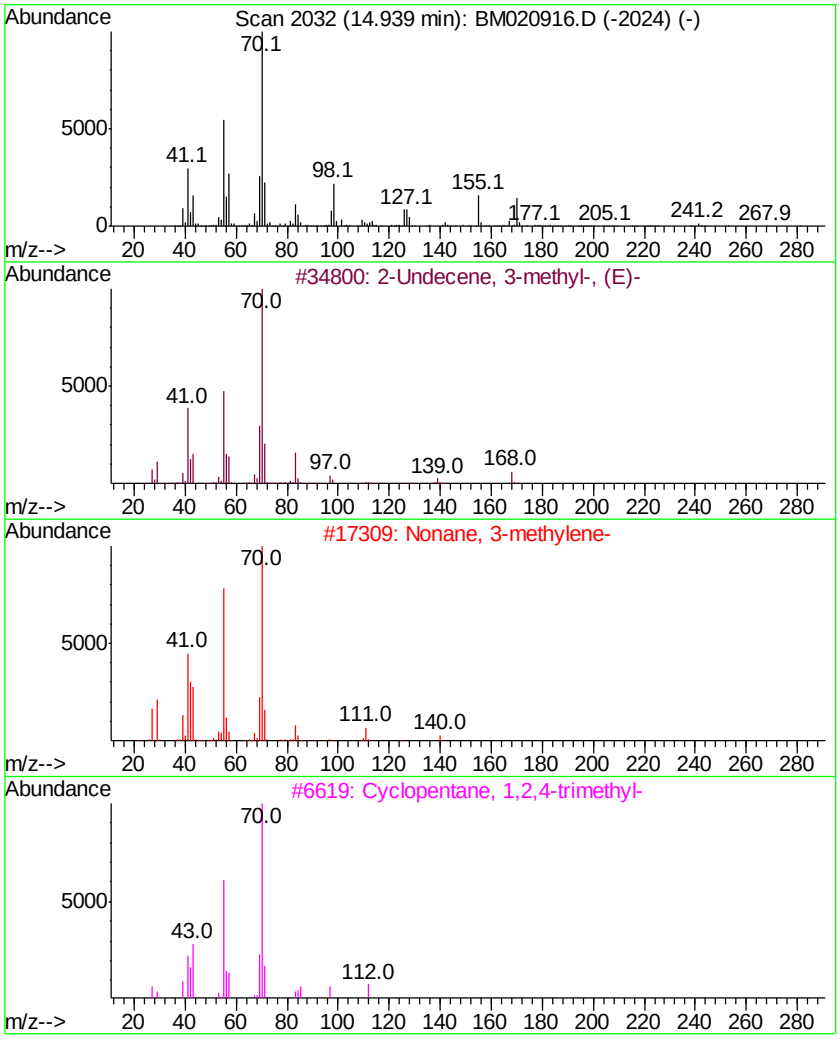
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

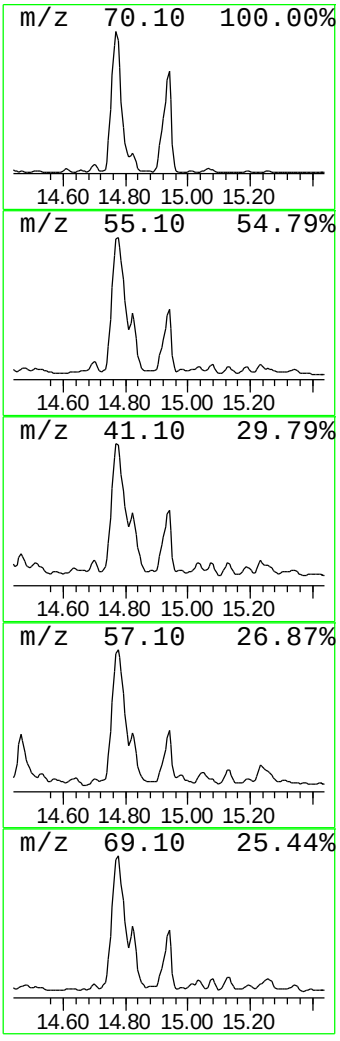
****

Peak Number 66 (DEL) Alkane: Cyclic14.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	63.64 ng/ul	14141200	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	50
2	Nonane, 3-methylene-	140	C10H20	051655-64-2	47
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43
4	Cyclobutanone, 2,2,3,4-tetrameth...	126	C8H14O	087481-00-3	43
5	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
3-Pentanone, 2,4-...	4.29	29.2	ng/ul	19090300	1	7.81	13066300	20.0
3-Penten-2-one, 4...	4.35	5.9	ng/ul	3866200	1	7.81	13066300	20.0
unknown-01	4.96	30.1	ng/ul	19660800	1	7.81	13066300	20.0
unknown-02	5.40	16.1	ng/ul	10543700	1	7.81	13066300	20.0
Benzene, 1,3-dime...	5.46	5.5	ng/ul	3619190	1	7.81	13066300	20.0
unknown-03	5.59	7.5	ng/ul	4927620	1	7.81	13066300	20.0
unknown-04	5.69	8.8	ng/ul	5735680	1	7.81	13066300	20.0
Cyclohexanol	5.72	6.0	ng/ul	3938210	1	7.81	13066300	20.0
Cyclohexanone	5.87	7.3	ng/ul	4785550	1	7.81	13066300	20.0
Hexylene Glycol	6.23	22.1	ng/ul	14466800	1	7.81	13066300	20.0
1-Pentanol, 2-ethyl-	6.32	16.1	ng/ul	10518300	1	7.81	13066300	20.0
unknown-05	7.07	20.8	ng/ul	13608300	1	7.81	13066300	20.0
2-Heptanone, 4,6-...	7.23	19.8	ng/ul	12918200	1	7.81	13066300	20.0
Benzene, 1,2,3-tr...	7.45	9.0	ng/ul	5881030	1	7.81	13066300	20.0
Propane, 2,2'-[me...	7.55	10.2	ng/ul	6674560	1	7.81	13066300	20.0
1-Hexanol, 2-ethyl-	7.93	53.6	ng/ul	35016200	1	7.81	13066300	20.0
1,1-Hexylenedioxy...	8.06	194.7	ng/ul	127185000	1	7.81	13066300	20.0
unknown-06	8.17	7.1	ng/ul	4613360	1	7.81	13066300	20.0
Cyclohexanone, 3,...	8.28	90.9	ng/ul	59390100	1	7.81	13066300	20.0
Cyclohexanol, 3,3...	8.45	12.2	ng/ul	7990930	1	7.81	13066300	20.0
unknown-07	8.55	6.4	ng/ul	4209560	1	7.81	13066300	20.0
unknown-08	8.62	22.7	ng/ul	14853800	1	7.81	13066300	20.0
Benzene, 1-methyl...	8.75	9.0	ng/ul	5853510	1	7.81	13066300	20.0
unknown-09	8.91	20.1	ng/ul	13112400	1	7.81	13066300	20.0
(DEL) Alkane: Cyc...	9.23	4.4	ng/ul	5114040	2	10.60	23406600	20.0
unknown-10	9.33	7.9	ng/ul	9199270	2	10.60	23406600	20.0
(DEL) Alkane: Cyc...	9.40	10.0	ng/ul	11657400	2	10.60	23406600	20.0
3-Methyl-2-buteno...	9.79	14.0	ng/ul	16333200	2	10.60	23406600	20.0
unknown-11	9.83	3.2	ng/ul	3714400	2	10.60	23406600	20.0
(DEL) Alkane: Cyc...	10.15	6.6	ng/ul	7761980	2	10.60	23406600	20.0
(DEL) Alkane: Str...	10.71	6.5	ng/ul	7652760	2	10.60	23406600	20.0
(DEL) Alkane: Cyc...	12.03	11.5	ng/ul	13490600	2	10.60	23406600	20.0
(DEL) Alkane: Cyc...	12.06	5.6	ng/ul	6601180	2	10.60	23406600	20.0
(DEL) Alkane: Cyc...	13.67	16.8	ng/ul	3730180	3	14.45	4444390	20.0
(DEL) Alkane: Cyc...	14.94	63.6	ng/ul	14141200	3	14.45	4444390	20.0