LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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	105	111	117	rBV	2829120	3840977	1.56%	0.199%
2	4.028	155	177	183	rBV	3199022	7113436	2.90%	0.369%
3	4.287	215	221	226	rVV	10864017	14898330	6.07%	0.772%
4	4.881	313	322	329	rVV2	2268103	3811739	1.55%	0.198%
5	5.328	388	398	403	rVV3	1707580	3487700	1.42%	0.181%
6	5.393	403	409	415	rVV2	5256292	8271934	3.37%	0.429%
7	5.458	415	420	429	rVV	2576284	5094878	2.08%	0.264%
8	5.593	438	443	450	rVV3	1986404	4115358	1.68%	0.213%
9	5.717	460	464	470	rVV	2921767	5287249	2.15%	0.274%
10	5.822	478	482	487	rVV	2292639	3570077	1.45%	0.185%
11	6.228	531	551	560	rBV2	5387949	24279771	9.89%	1.258%
12	6.558	601	607	615	rVB	20564004	34768520	14.17%	1.802%
13	6.893	651	664	669	rBV	2759943	6264073	2.55%	0.325%
14	6.964	669	676	683	rVB	21596000	36665823	14.94%	1.900%
15	7.034	683	688	690	rBV	2448966	4032015	1.64%	0.209%
16	7.069	690	694	699	rVV	11557699	17823885	7.26%	0.924%
17	7.199	711	716	718	rVV	2788616	4427788	1.80%	0.229%
18	7.234	718	722	728	rVB	7137245	11088716	4.52%	0.575%
19	7.375	741	746	753	rVB5	1704734	4339963	1.77%	0.225%
20	7.452	753	759	765	rVB	6102462	9323930	3.80%	0.483%
21	7.528	765	772	791	rVB2	2283669	8213851	3.35%	0.426%
22	7.875	827	831	834	rVV	2534152	4894082	1.99%	0.254%
23	7.958	834	845	850	rVB2	48030980	109978117	44.81%	5.700%
24	8.058	850	862	865	rBV2	49668116	138521099	56.44%	7.180%
25	8.099	865	869	874	rVV	30123447	54162021	22.07%	2.807%
26	8.175	877	882	888	rVB3	5491722	12158260	4.95%	0.630%
27	8.281	888	900	909	rBV	33867769	68316874	27.83%	3.541%
28	8.452	918	929	940	rVB2	10347464	23858978	9.72%	1.237%
29	8.622	949	958	964	rBV3	6940789	13661449	5.57%	0.708%
30	8.752	969	980	982	rBV5	1775101	5264502	2.14%	0.273%
31	8.905	999	1006	1008	rBV2	1825539	3506057	1.43%	0.182%
32	8.946	1008	1013	1016	rVV	6670886	12792354	5.21%	0.663%
33	8.981	1017	1019	1028	rVB2	7016534	10967683	4.47%	0.568%
34	9.187	1048	1054	1055	rBV2	2089245	3332194	1.36%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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	9.346	1073	1081	1086	rBV4	4828482	13266455	5.41%	0.688%
36	9.405	1086	1091	1096	rBV2	4136388	8112907	3.31%	0.420%
37	9.587	1118	1122	1128	rBV2	4890013	8617260	3.51%	0.447%
38	9.716	1142	1144	1145	rVB	9775709	6652164	2.71%	0.345%
39	9.746	1145	1149	1154	rVB	11662687	19129272	7.79%	0.991%
40	9.916	1159	1178	1183	rBV4	54364468	245443692	100.00%	12.721%
41	10.022	1183	1196	1203	rBV3	42686094	138140346	56.28%	7.160%
42	10.193	1215	1225	1228	rBV4	6120857	17985341	7.33%	0.932%
43	10.316	1243	1246	1252	rVB3	2441972	4200939	1.71%	0.218%
44	10.487	1271	1275	1278	rBV3	2165945	3195421	1.30%	0.166%
45	10.563	1278	1288	1293	rVV3	7696417	21345524	8.70%	1.106%
46	10.610	1293	1296	1301	rVB3	5009559	7096931	2.89%	0.368%
47	10.699	1301	1311	1317	rBV4	16557006	41655159	16.97%	2.159%
48	10.763	1317	1322	1326	rBV	8393880	11308132	4.61%	0.586%
49	10.804	1326	1329	1336	rVB3	3815385	6575373	2.68%	0.341%
50	10.910	1340	1347	1351	rBV3	5559105	11863243	4.83%	0.615%
51	10.975	1351	1358	1367	rVB4	10351473	28946961	11.79%	1.500%
52	11.093	1368	1378	1383	rBV3	7503547	24160809	9.84%	1.252%
53	11.210	1388	1398	1404	rVB6	2952835	7503254	3.06%	0.389%
54	11.346	1415	1421	1423	rBV5	1762446	3417115	1.39%	0.177%
55	11.693	1463	1480	1486	rBV3	8773450	36764370	14.98%	1.906%
56	11.857	1504	1508	1513	rBV	4463447	6485953	2.64%	0.336%
57	11.975	1519	1528	1530	rVV3	5162569	13661402	5.57%	0.708%
58	12.057	1534	1542	1550	rVB5	12026101	35121963	14.31%	1.820%
59	12.163	1550	1560	1564	rBV3	4800962	8837520	3.60%	0.458%
60	12.410	1594	1602	1610	rVV6	3019060	8238066	3.36%	0.427%
61	12.516	1611	1620	1621	rVV3	3579260	8717036	3.55%	0.452%
62	12.546	1623	1625	1633	rVV4	5222852	8498534	3.46%	0.440%
63	12.646	1633	1642	1646	rVV5	1639291	4988781	2.03%	0.259%
64	12.693	1647	1650	1656	rVV4	1473935	3784669	1.54%	0.196%
65	12.757	1656	1661	1669	rVB2	4277594	7563745	3.08%	0.392%
66	12.881	1670	1682	1691	rBV2	5872854	16265988	6.63%	0.843%
67	12.981	1695	1699	1703	rVV4	2335886	3712608	1.51%	0.192%
68	13.122	1716	1723	1730	rVB2	6607881	10565430	4.30%	0.548%
69	13.210	1731	1738	1745	rVB3	8327531	18144475	7.39%	0.940%
70	13.328	1751	1758	1763	rVB7	2018384	5014115	2.04%	0.260%
71	13.422	1769	1774	1776	rBV	4858647	7293500	2.97%	0.378%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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	13.451	1776	1779	1784	rVV2	7826469	12605091	5.14%	0.653%
73	13.516	1784	1790	1799	rVB3	6662781	16132588	6.57%	0.836%
74	13.663	1812	1815	1821	rVV2	2004803	3369942	1.37%	0.175%
75	13.728	1821	1826	1835	rVB	8583910	14817208	6.04%	0.768%
76	13.822	1837	1842	1847	rBV3	5597773	8205360	3.34%	0.425%
77	13.869	1847	1850	1854	rVB	2873223	3327428	1.36%	0.172%
78	14.140	1891	1896	1900	rBV	5092676	8486629	3.46%	0.440%
79	14.187	1900	1904	1908	rVB3	3267210	5466312	2.23%	0.283%
80	14.457	1943	1950	1954	rBV4	2760572	6293578	2.56%	0.326%
81	14.634	1973	1980	1984	rBV3	2190205	5013611	2.04%	0.260%
82	14.769	1996	2003	2011	rVV3	12224777	29806574	12.14%	1.545%
83	14.839	2011	2015	2023	rVB2	8090507	13080738	5.33%	0.678%
84	14.934	2023	2031	2036	rVB	9141777	16650384	6.78%	0.863%
85	15.092	2051	2058	2062	rVV4	4566958	8662039	3.53%	0.449%
86	15.134	2062	2065	2070	rVB4	2451095	3880299	1.58%	0.201%
87	15.234	2078	2082	2086	rBV	2558313	3305331	1.35%	0.171%
88	15.445	2112	2118	2128	rVB	4814313	9570263	3.90%	0.496%
89	15.563	2129	2138	2139	rBV2	1494623	3446030	1.40%	0.179%
90	15.616	2140	2147	2152	rVB	16978263	28779845	11.73%	1.492%
91	16.304	2253	2264	2269	rVB2	30817767	61310864	24.98%	3.178%
92	16.522	2296	2301	2309	rBV	4362410	7325442	2.98%	0.380%
93	16.875	2351	2361	2368	rVB	50592593	104378793	42.53%	5.410%
94	17.198	2411	2416	2420	rVV	3373323	5308283	2.16%	0.275%
95	17.292	2428	2432	2441	rVV3	4717232	8356371	3.40%	0.433%
96	17.557	2472	2477	2480	rBV	3958253	6530805	2.66%	0.338%
97	19.580	2816	2821	2829	rBV	5116234	6929815	2.82%	0.359%
98	21.363	3120	3124	3129	rBV	2523541	3414888	1.39%	0.177%
99	23.504	3481	3488	3498	rVB	3605671	6891270	2.81%	0.357%
100	23.645	3506	3512	3527	rVB	1876608	3623094	1.48%	0.188%

Sum of corrected areas: 1929377011

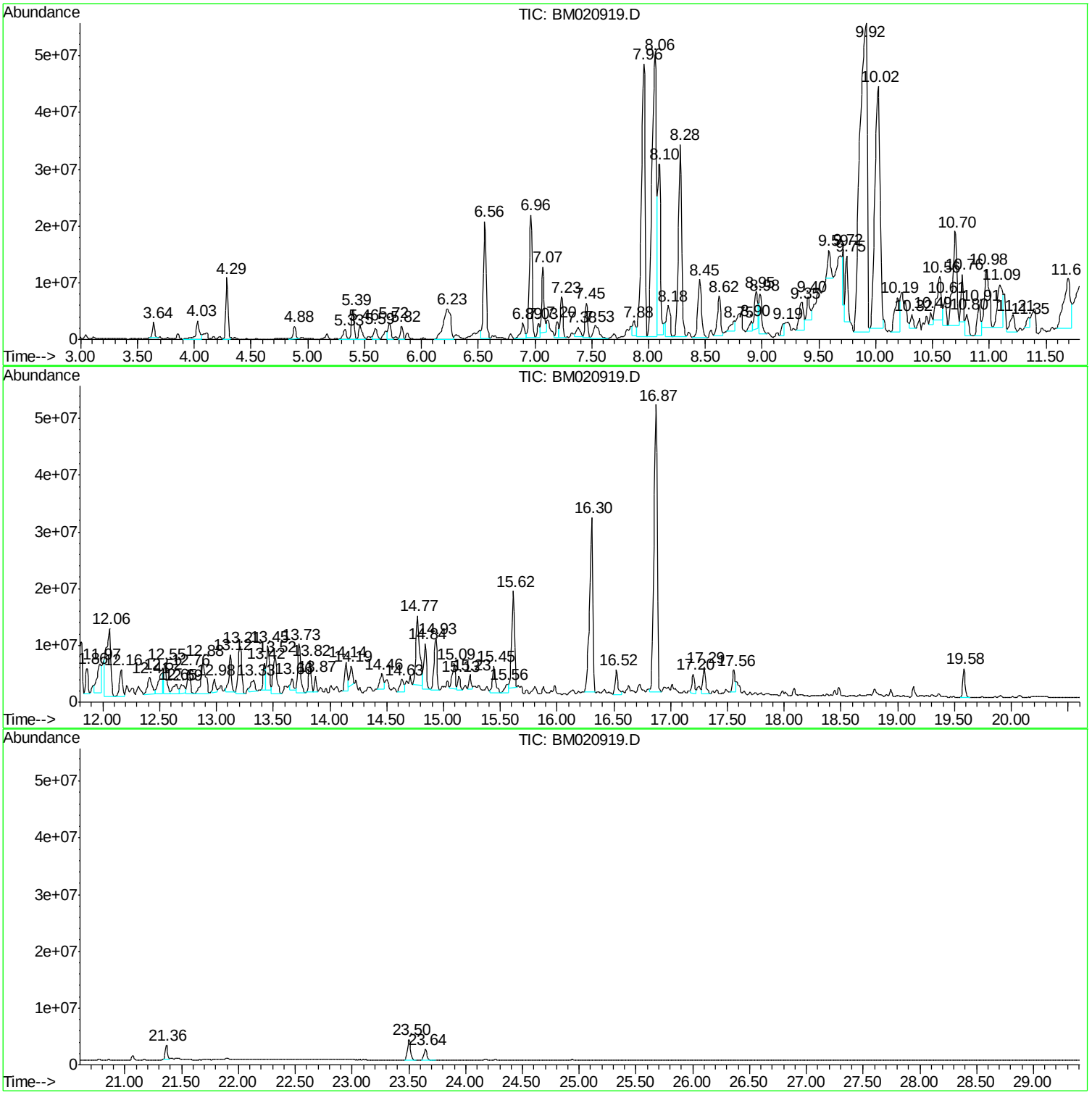
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

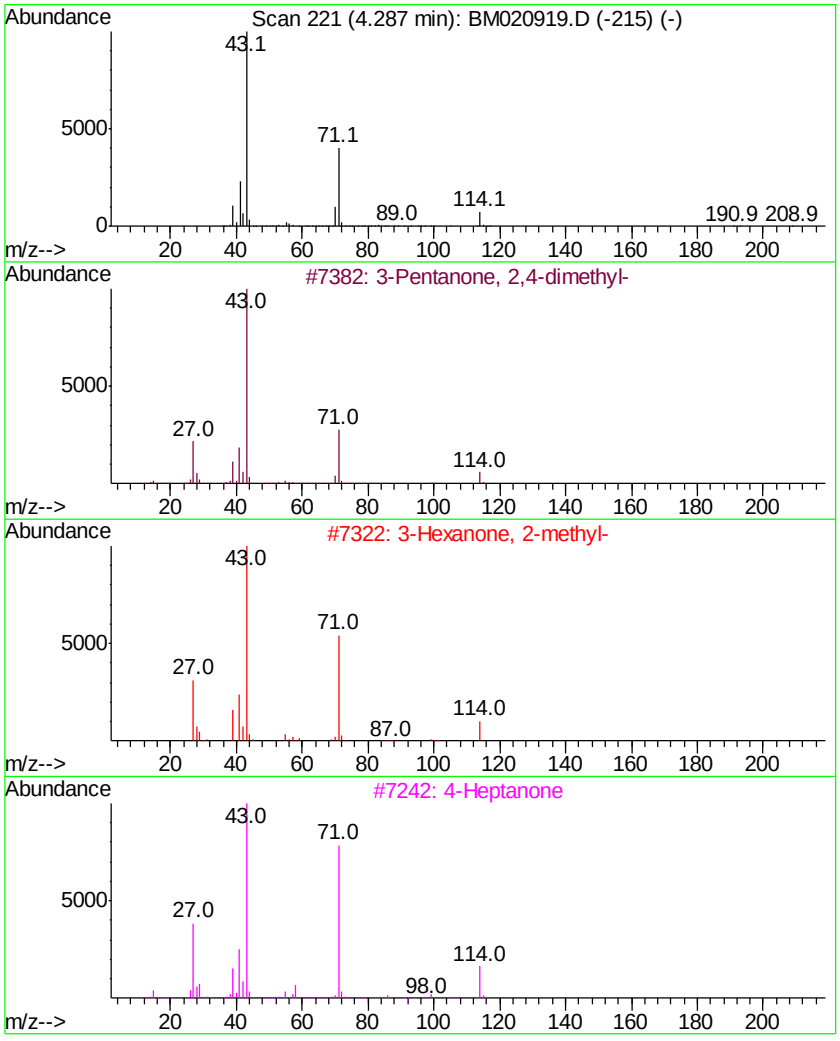
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

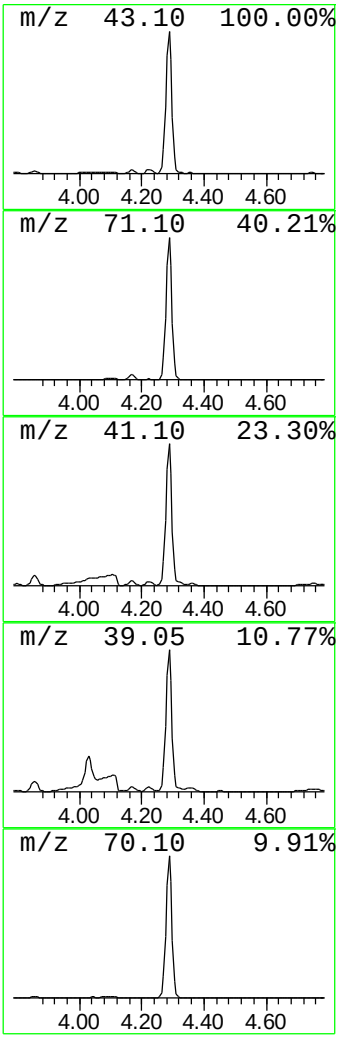
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	60.88 ng/ul	14898300	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	86
3	4-Heptanone	114	C7H14O	000123-19-3	53
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	50
5	4-Heptanone	114	C7H14O	000123-19-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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

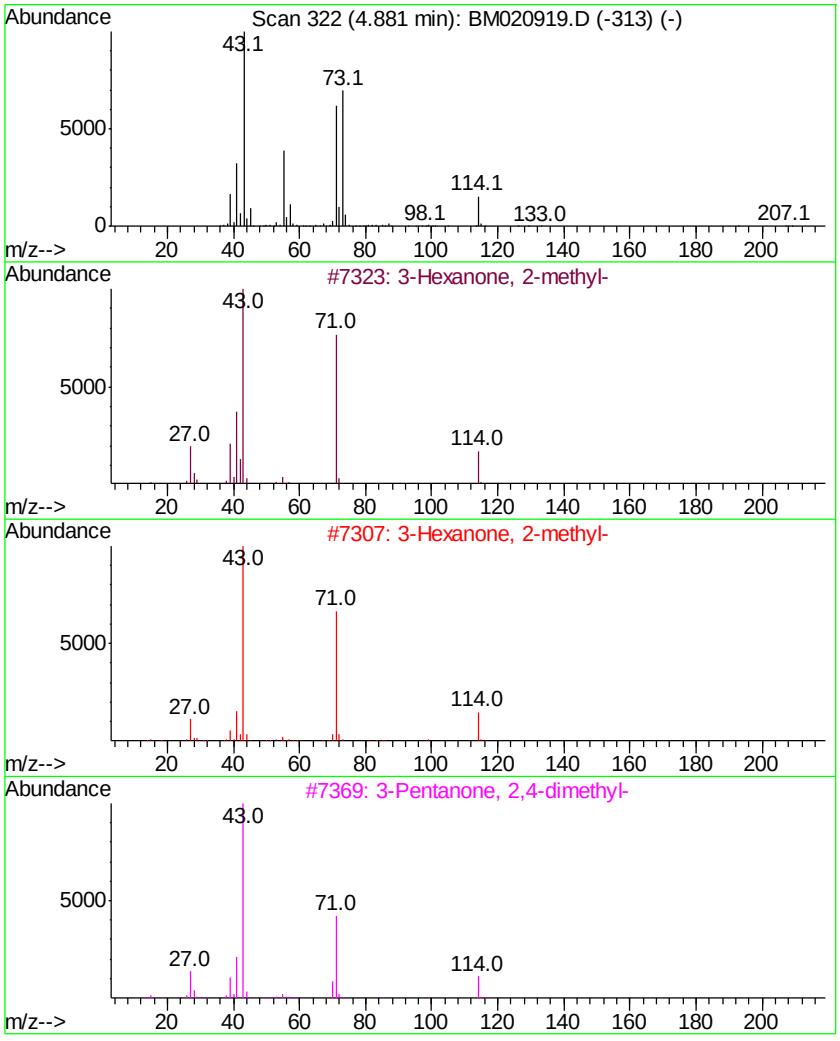
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

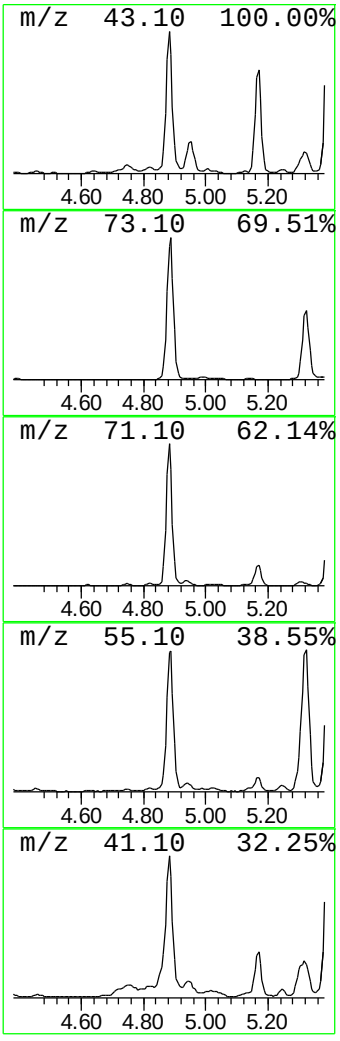
****

Peak Number 4 3-Hexanone, 2-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	15.58 ng/ul	3811740	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	50
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	49
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	47
4	Acetaldehyde, butylhydrazone	114	C6H14N2	020607-72-1	47
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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

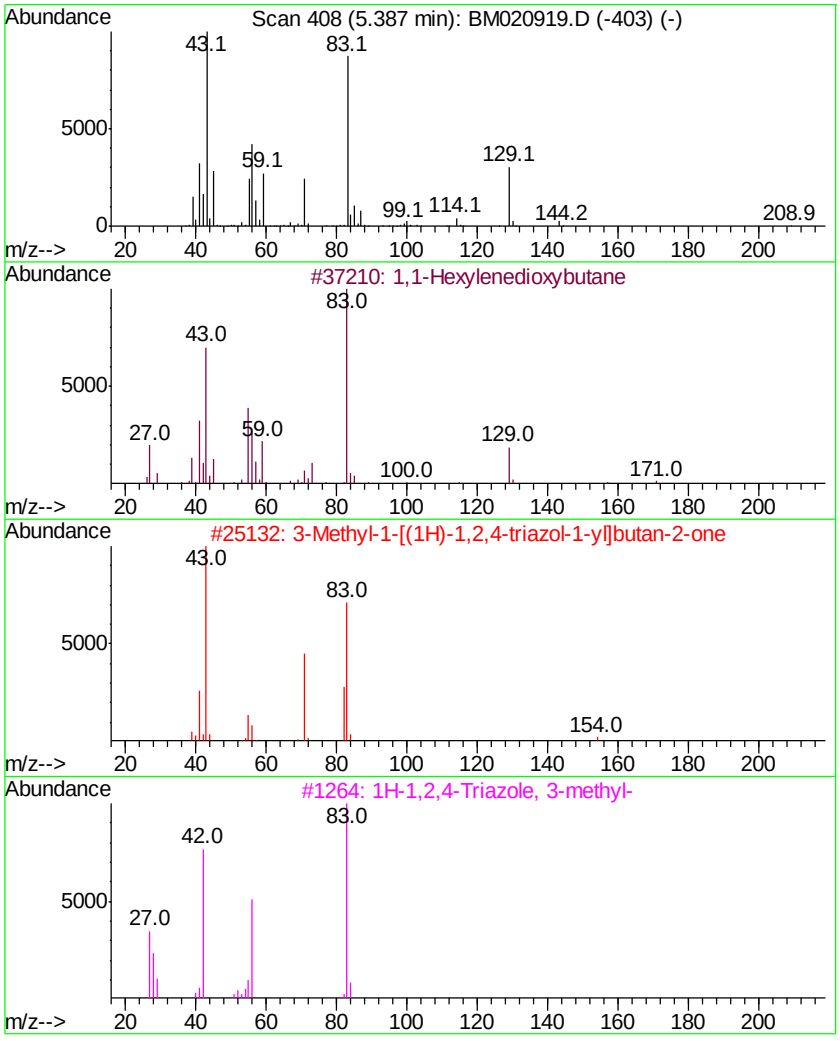
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

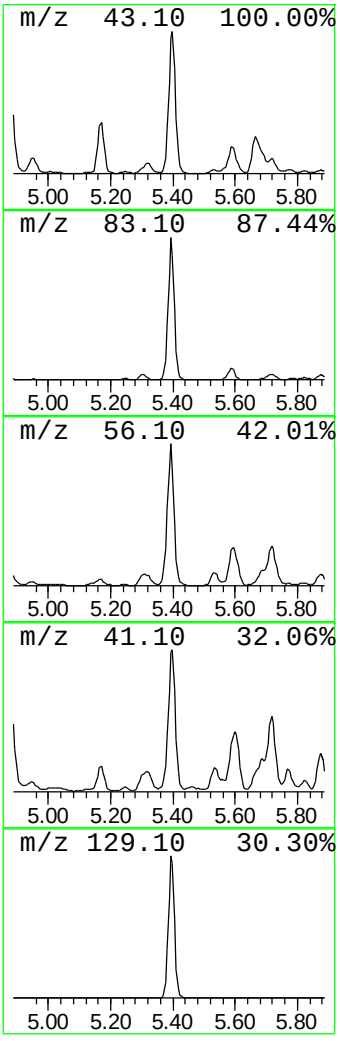
****

Peak Number 6 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	33.80 ng/ul	8271930	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
2	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	37
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
4	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	25
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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

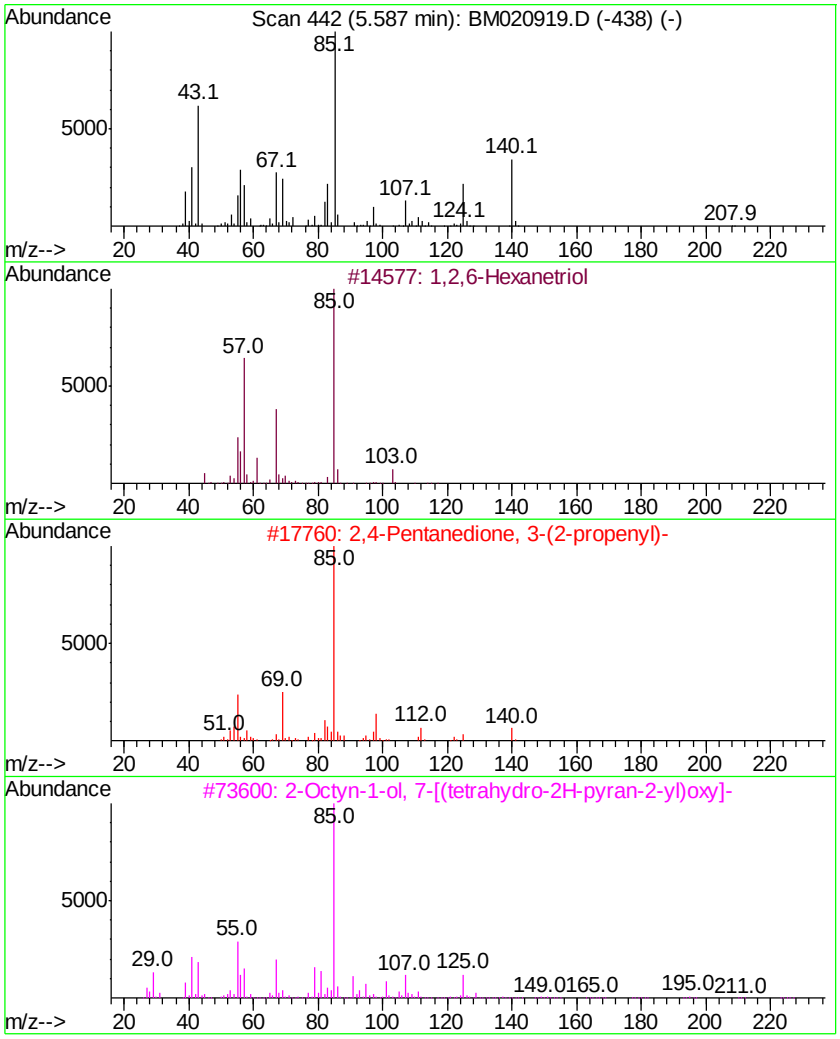
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

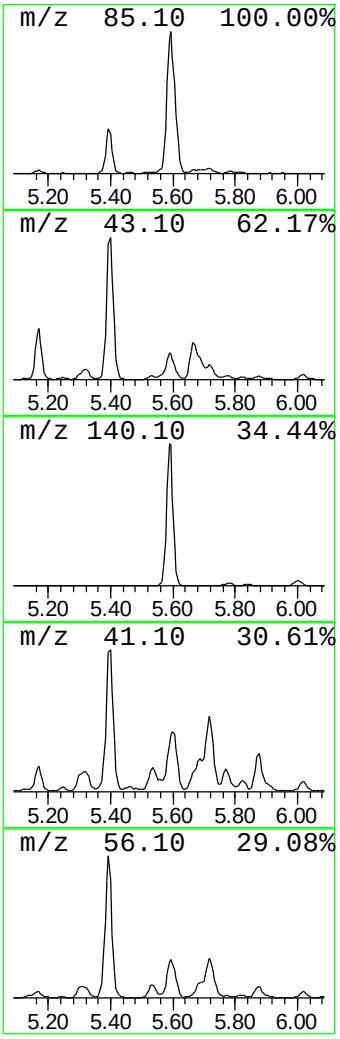
****

Peak Number 8 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	16.82 ng/ul	4115360	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	43
2	2,4-Pentanedione, 3-(2-propenyl)-	140	C8H12O2	003508-78-9	43
3	2-Octyn-1-ol, 7-[(tetrahydro-2H-...	226	C13H22O3	077758-37-3	42
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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

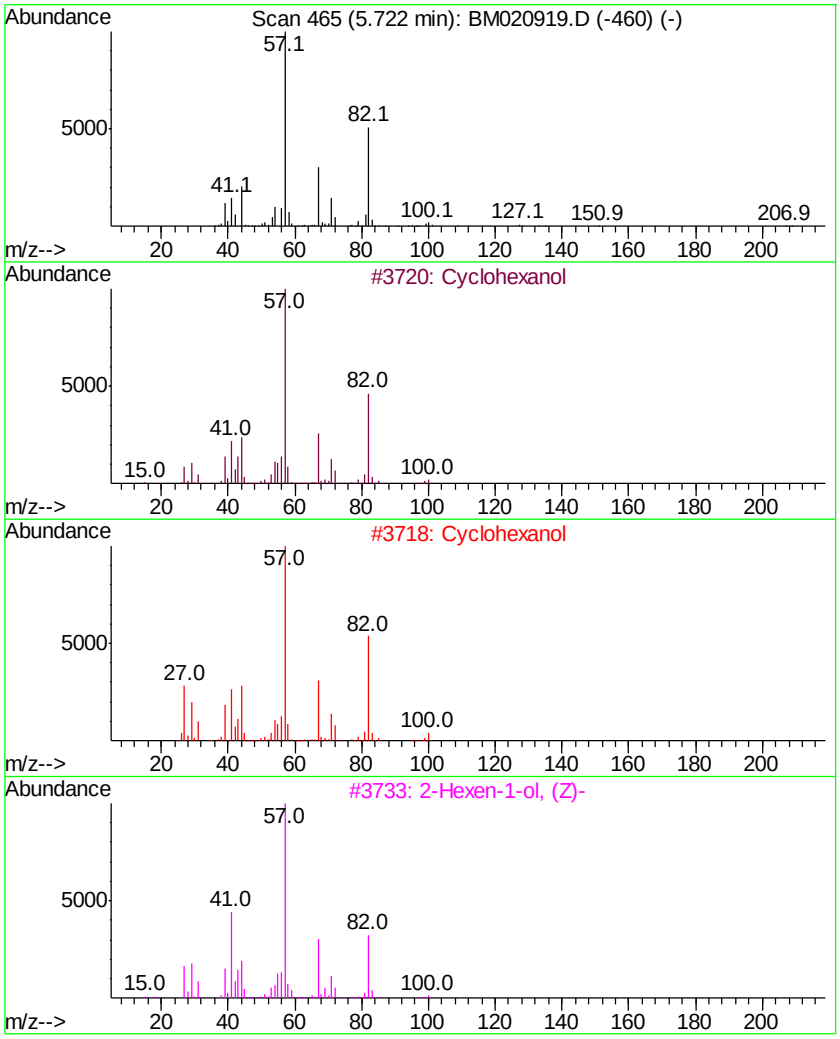
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

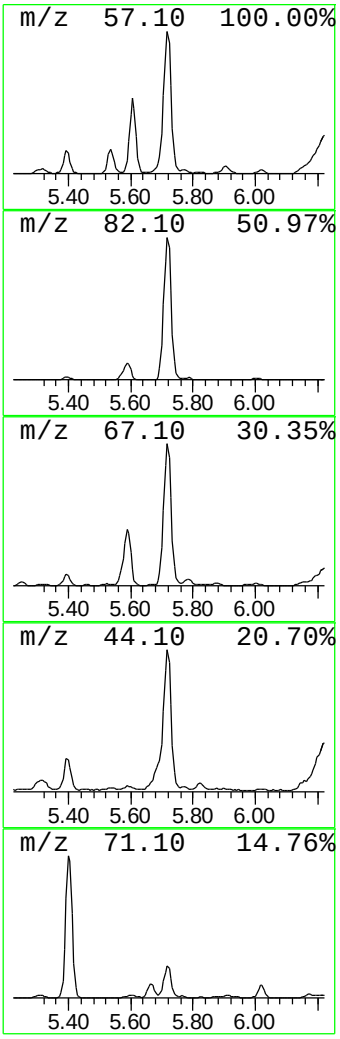
****

Peak Number 9 Cyclohexanol Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	21.61 ng/ul	5287250	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	90
2	Cyclohexanol	100	C6H12O	000108-93-0	80
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	64
4	Cyclohexanol	100	C6H12O	000108-93-0	58
5	Cyclohexanol	100	C6H12O	000108-93-0	52





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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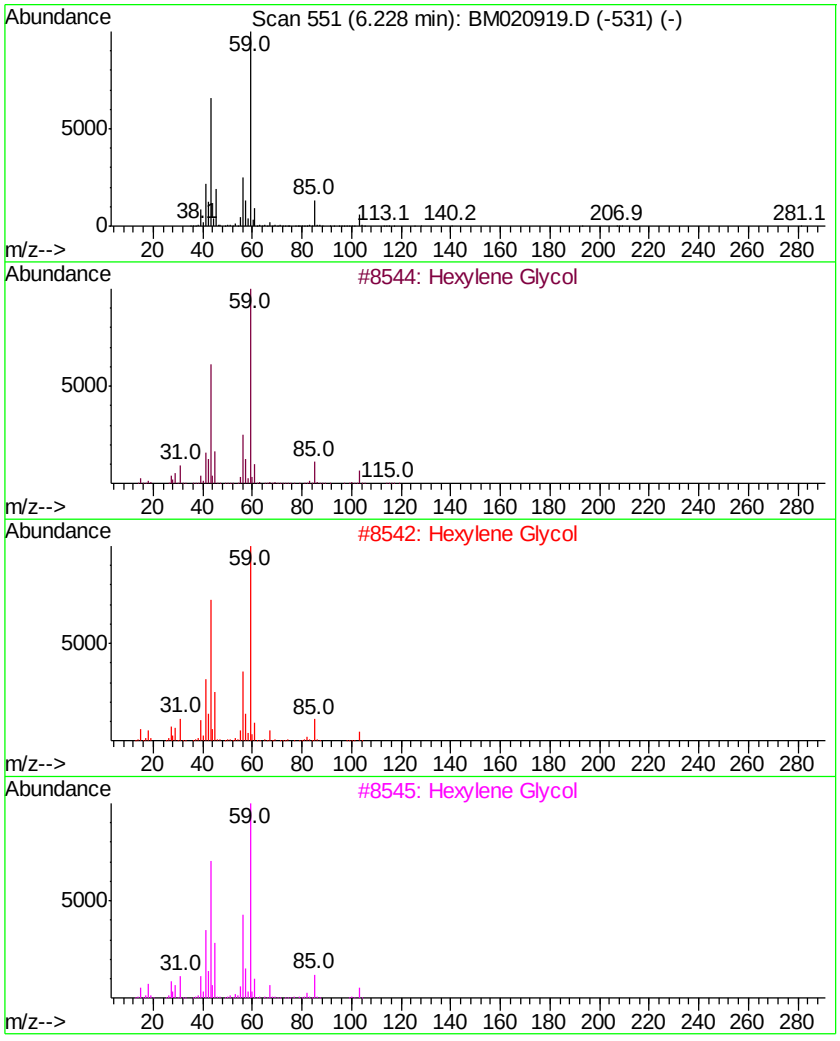
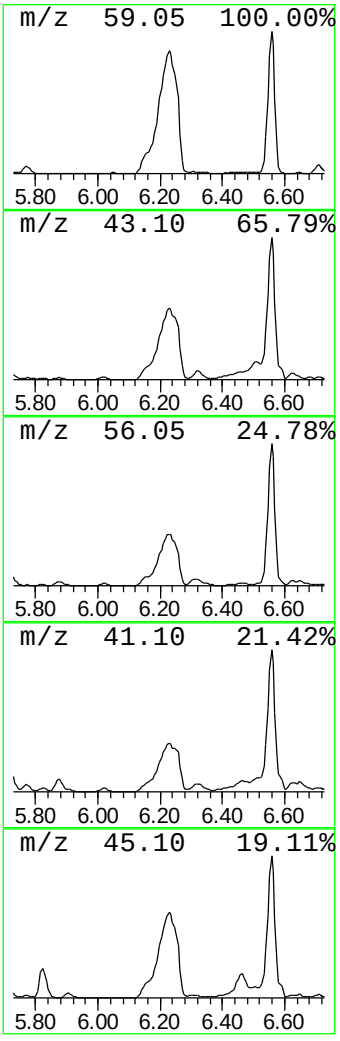
Peak Number 11 Hexylene Glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	99.22 ng/ul	24279800	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	Hexylene Glycol	118	C6H14O2	000107-41-5	59
3	Hexylene Glycol	118	C6H14O2	000107-41-5	53
4	Hexylene Glycol	118	C6H14O2	000107-41-5	50
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	47





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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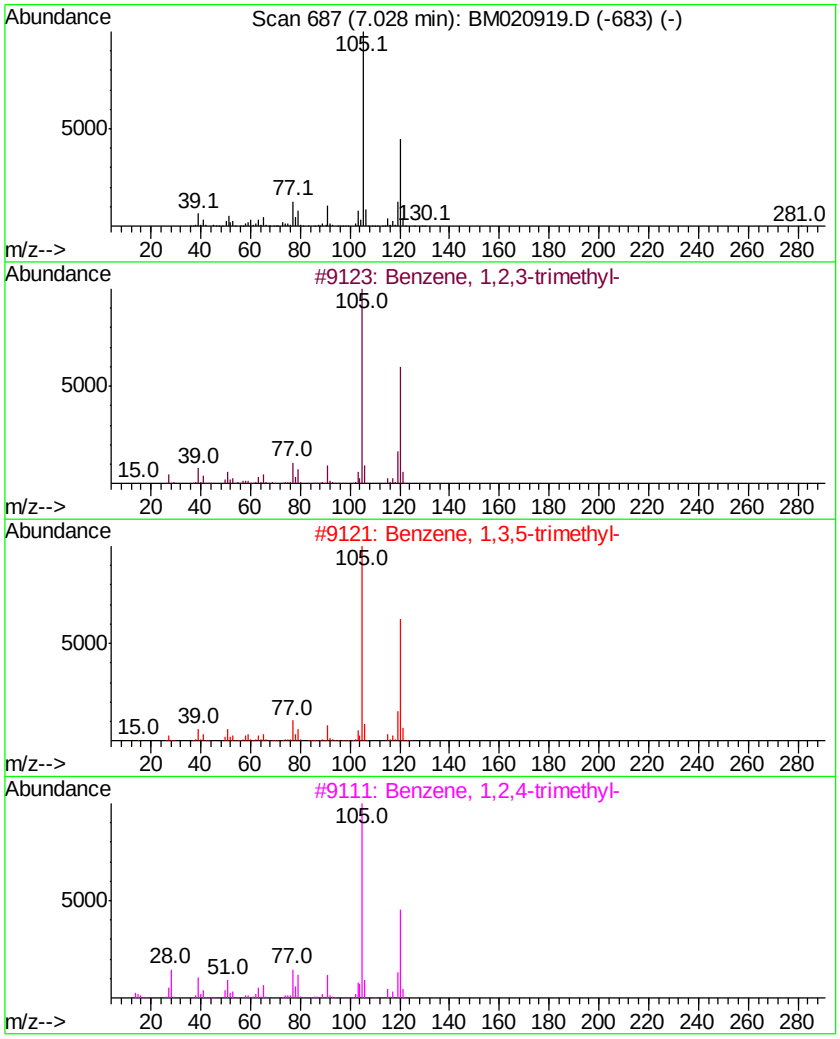
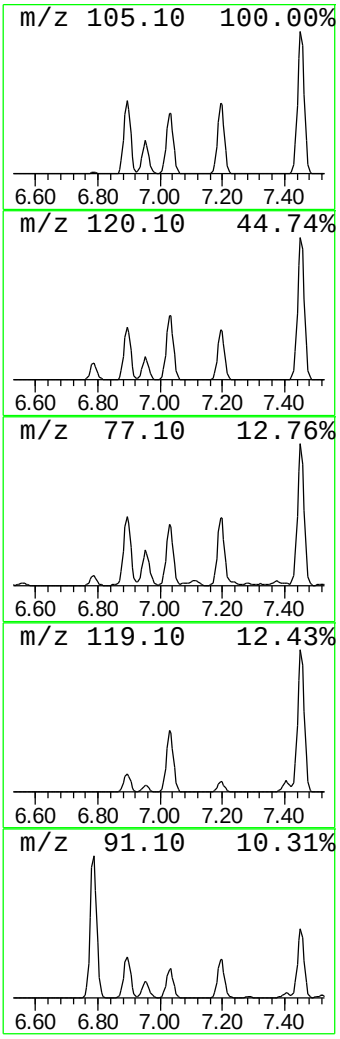
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	16.48 ng/ul	4032020	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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Quant Title : SVOA CALIBRATION

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

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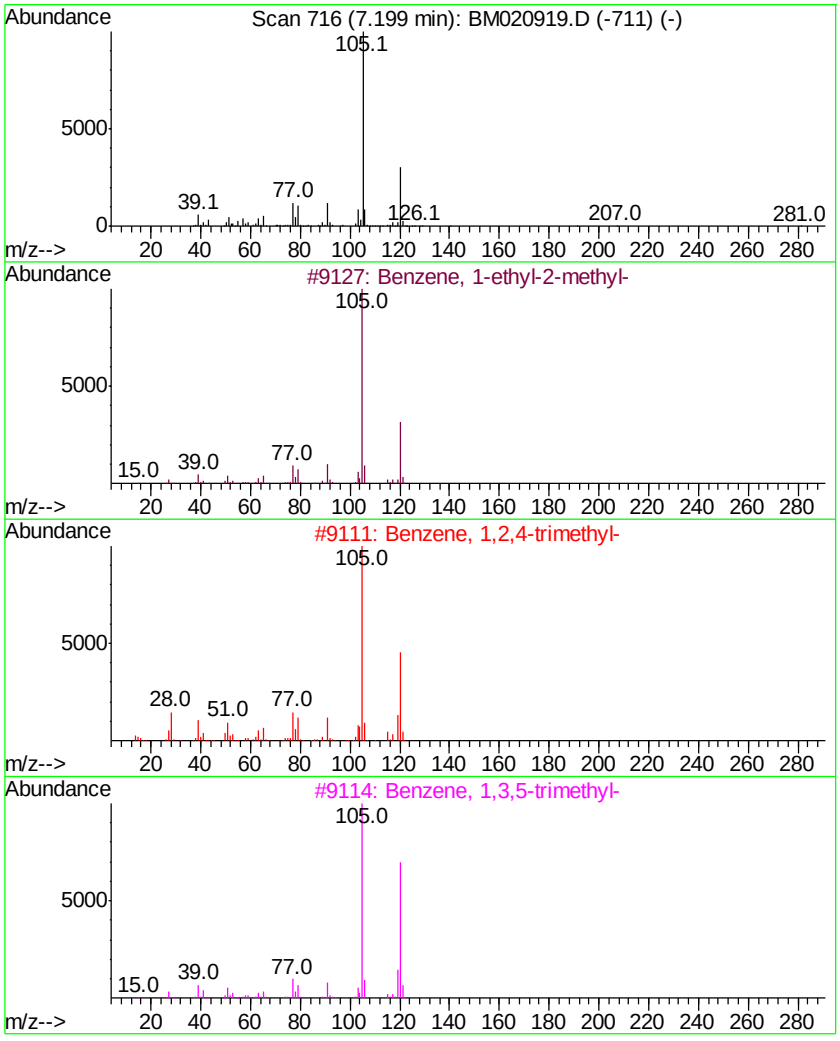
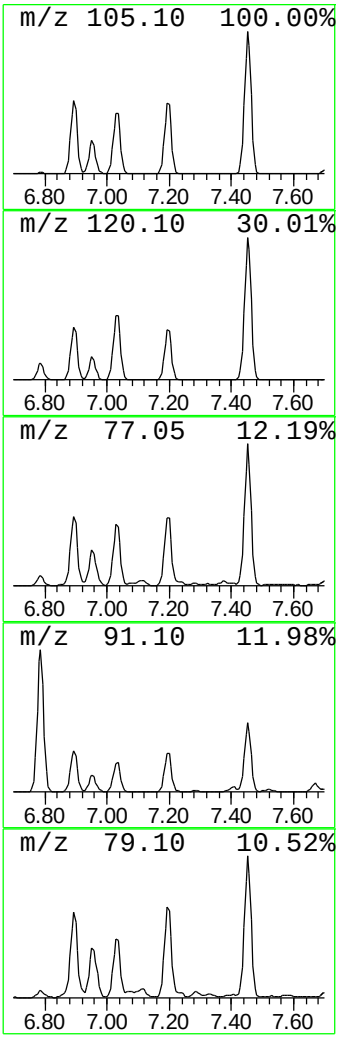
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	18.09 ng/ul	4427790	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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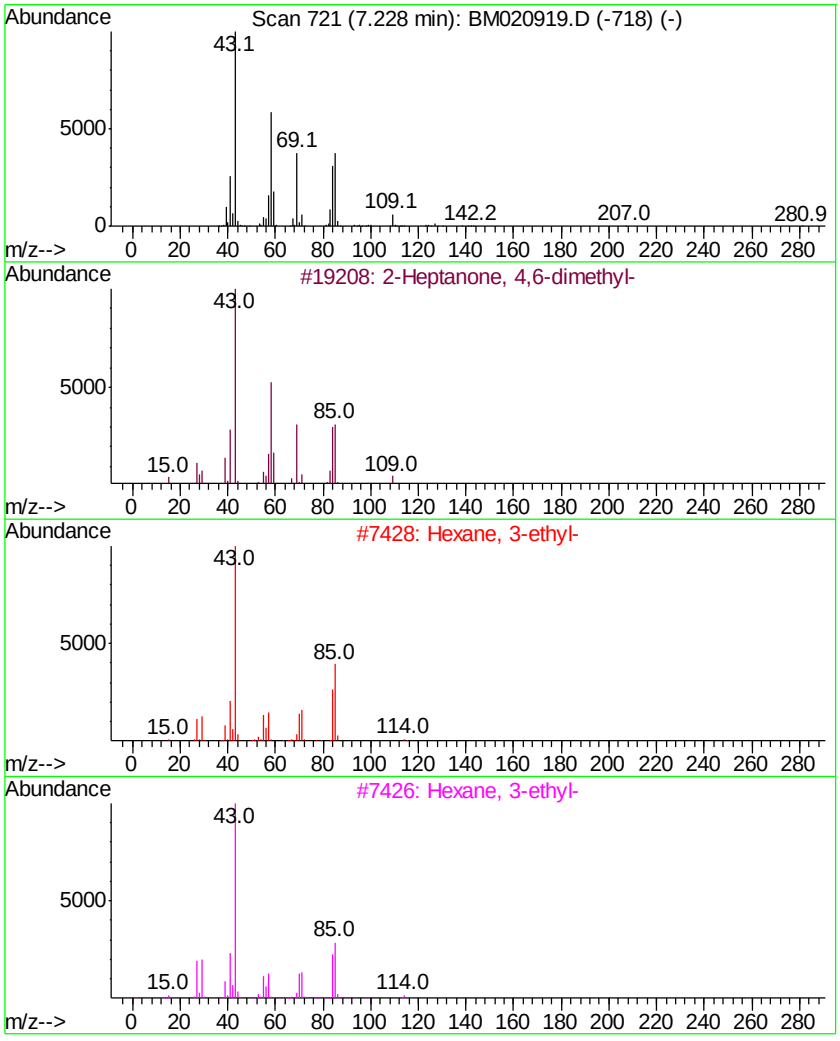
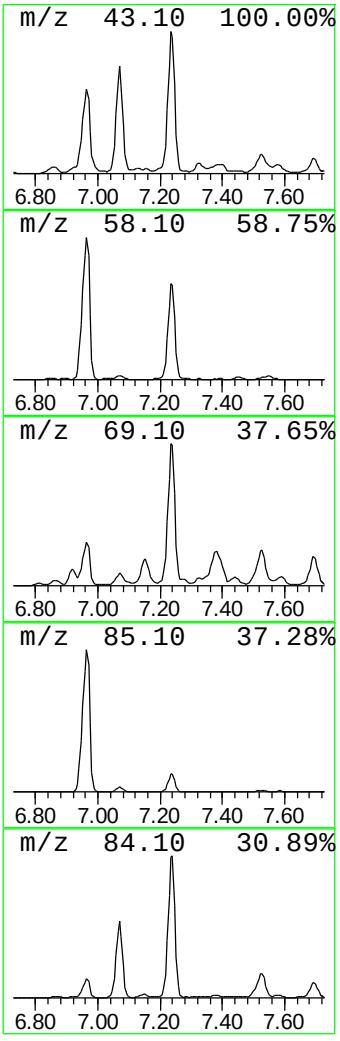
Peak Number 16 2-Heptanone, 4,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	45.31 ng/ul	11088700	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	90
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	2-Hexanone	100	C6H12O	000591-78-6	38
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	37





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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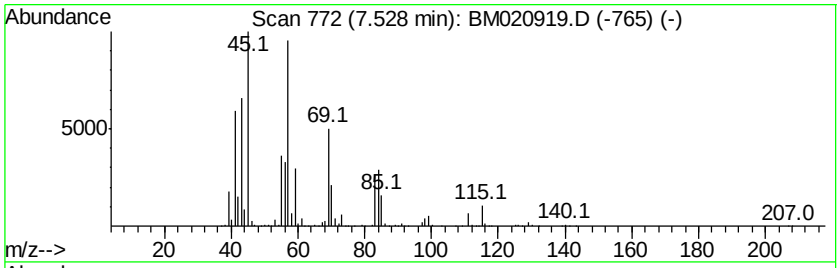
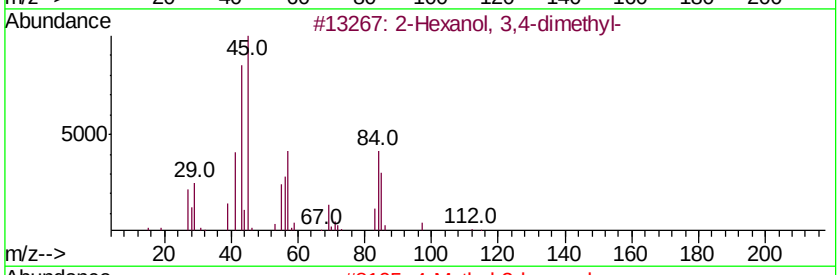
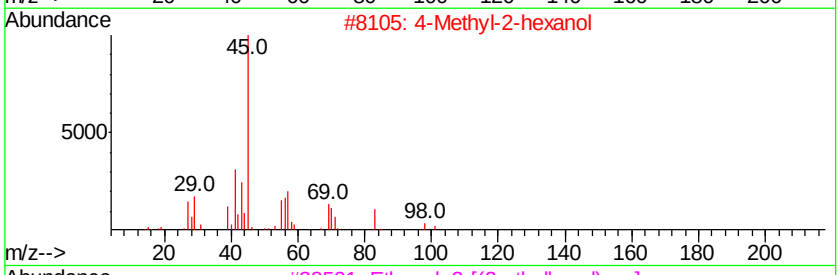
Peak Number 18 2-Hexanol, 3,4-dimethyl- Concentration Rank 32

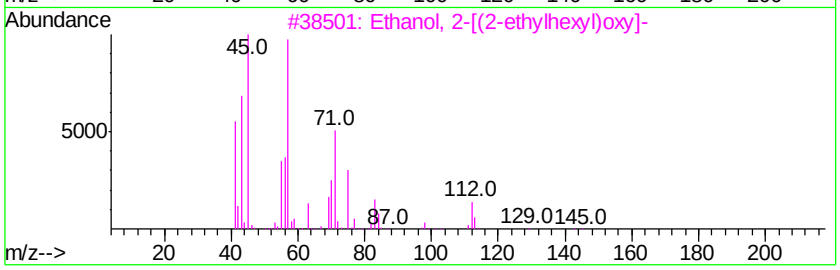
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	33.57 ng/ul	8213850	1,4-Dichlorobenzene-d4	7.81

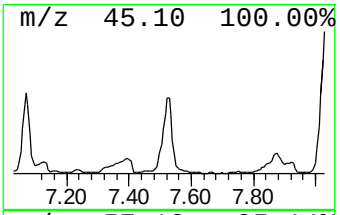
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 3,4-dimethyl-	130	C8H18O	019550-05-1	50
2	4-Methyl-2-hexanol	116	C7H16O	002313-61-3	50
3	Ethanol, 2-[(2-ethylhexyl)oxy]-	174	C10H22O2	001559-35-9	42
4	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	35
5	Hexyl octyl ether	214	C14H30O	017071-54-4	12

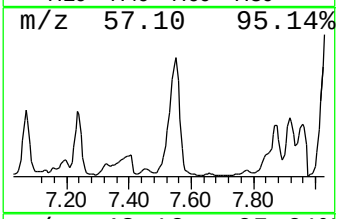


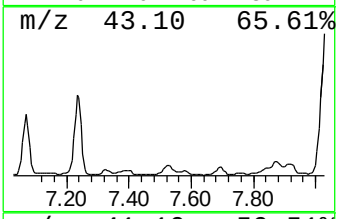


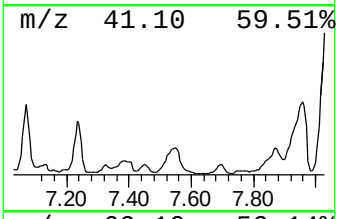


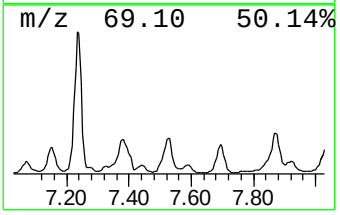












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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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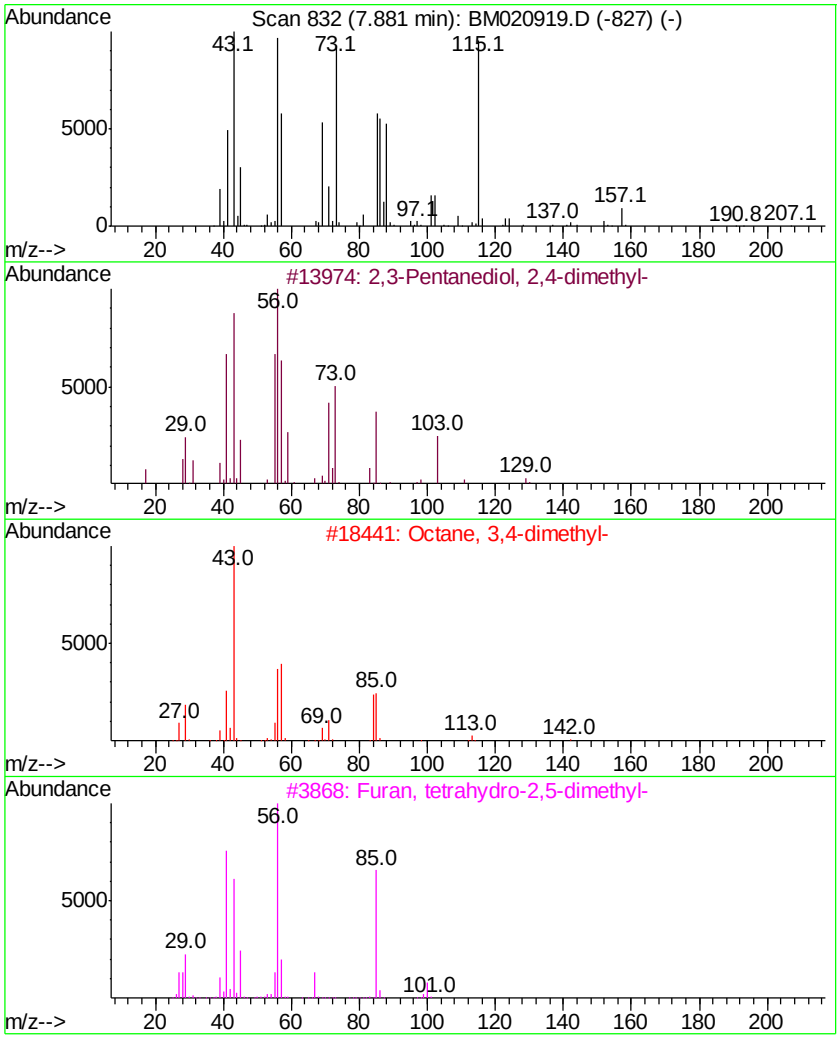
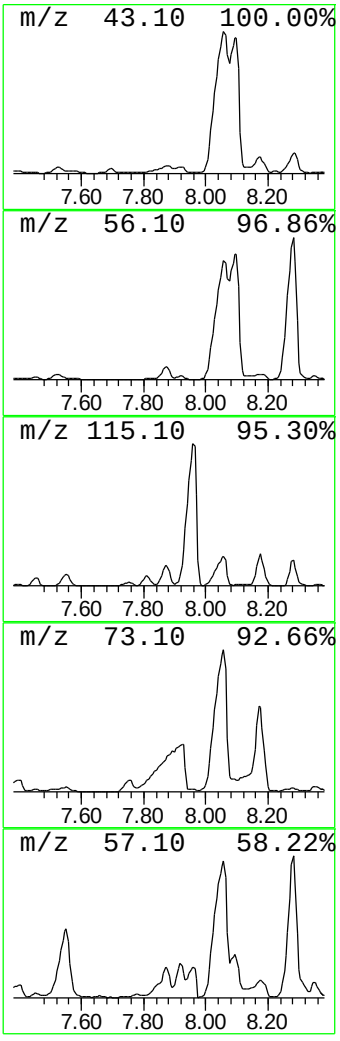
Peak Number 19 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	20.00 ng/ul	4894080	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	25
2	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	16
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	16
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	12
5	Propanedioic acid, ethyl-, bis(1...	244	C13H24O4	057983-52-5	12





Library Search Compound Report

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Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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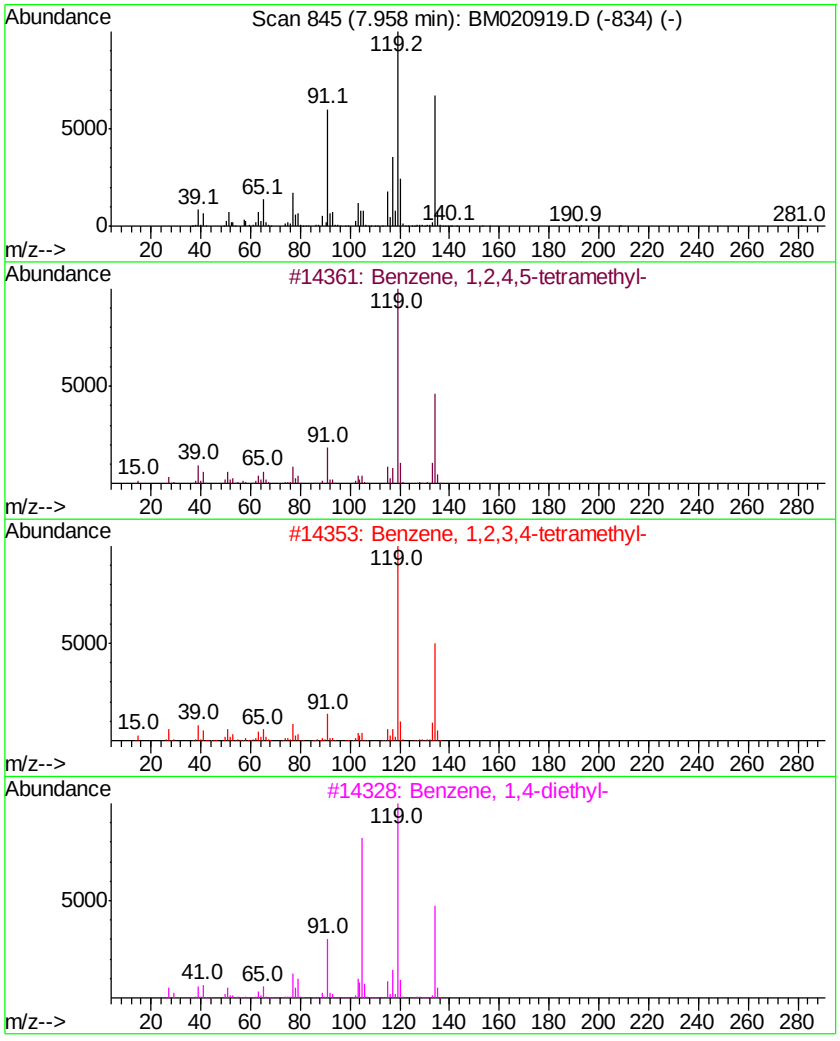
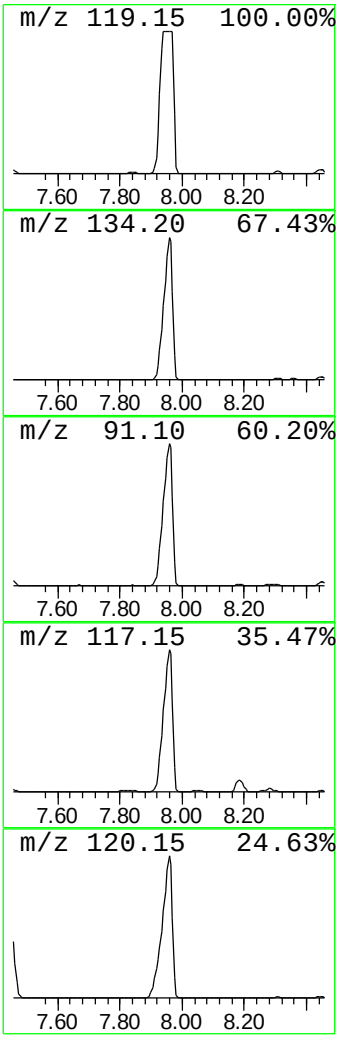
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	449.43 ng/ul	109978000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	80
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8J8

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Quant Title : SVOA CALIBRATION

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

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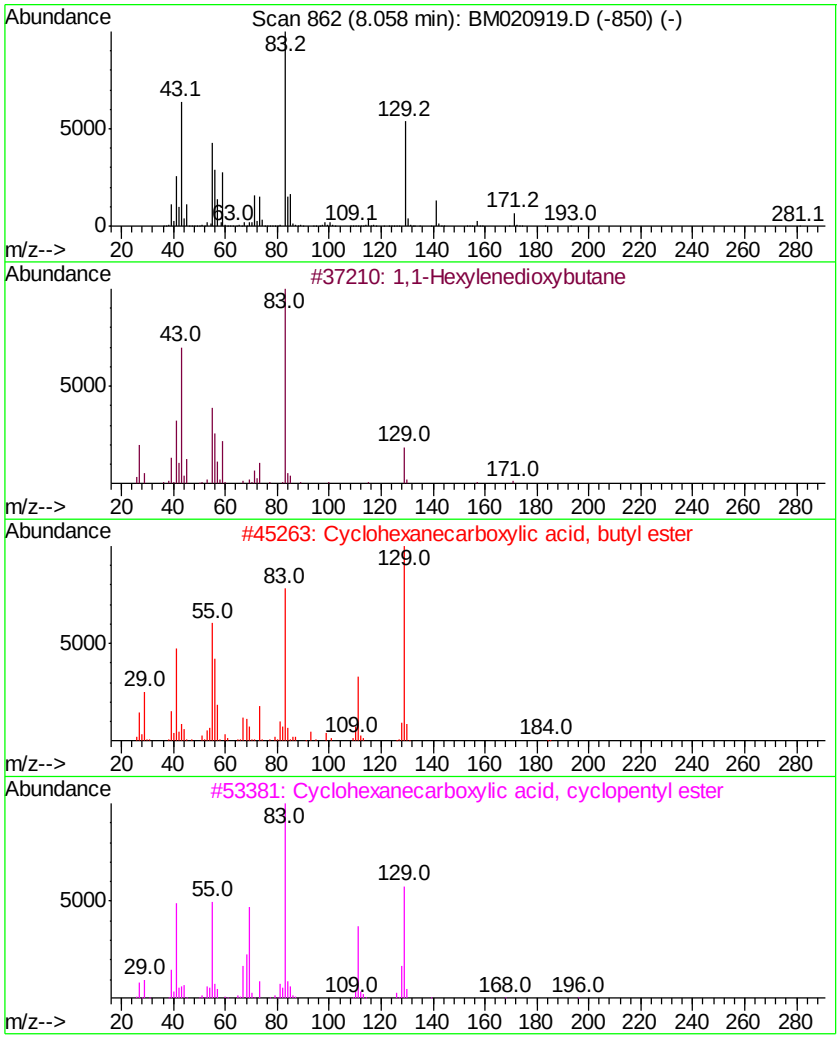
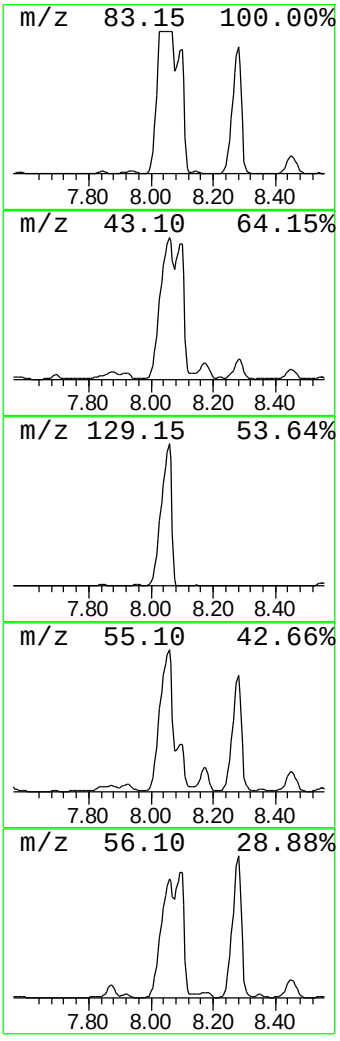
Peak Number 21 1,1-Hexylenedioxybutane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	566.08 ng/ul	138521000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	53
2	Cyclohexanecarboxylic acid, butyl...	184	C11H20O2	006553-81-7	45
3	Cyclohexanecarboxylic acid, cycl...	196	C12H20O2	005420-91-7	36
4	Cyclohexanecarboxylic acid, 2-me...	184	C11H20O2	037139-85-8	33
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	32





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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Quant Title : SVOA CALIBRATION

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

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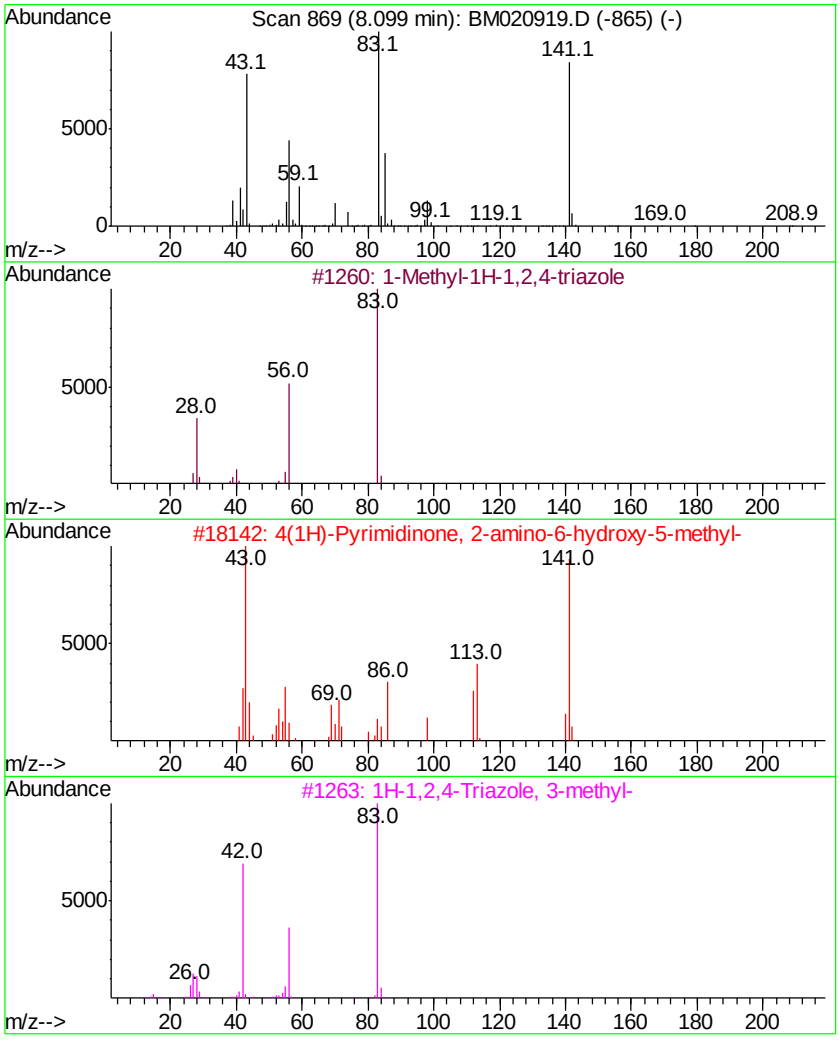
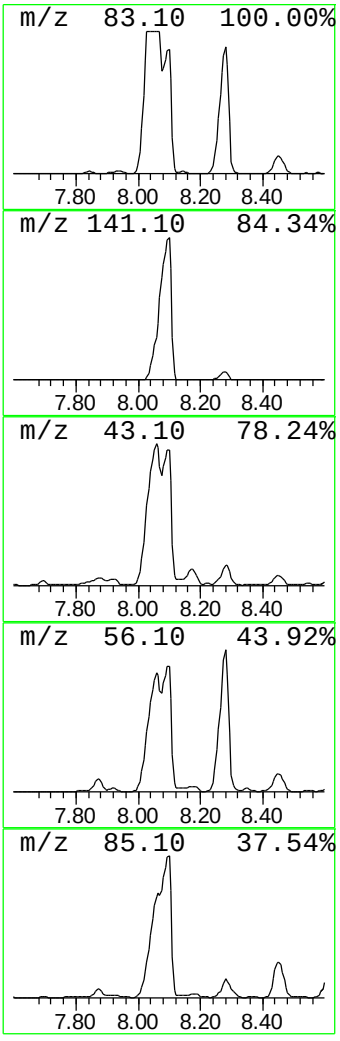
Peak Number 22 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	221.34 ng/ul	54162000	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	27
2	4(1H)-Pyrimidinone, 2-amino-6-hy...	141	C5H7N3O2	006627-65-2	27
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	16
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	16
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	12





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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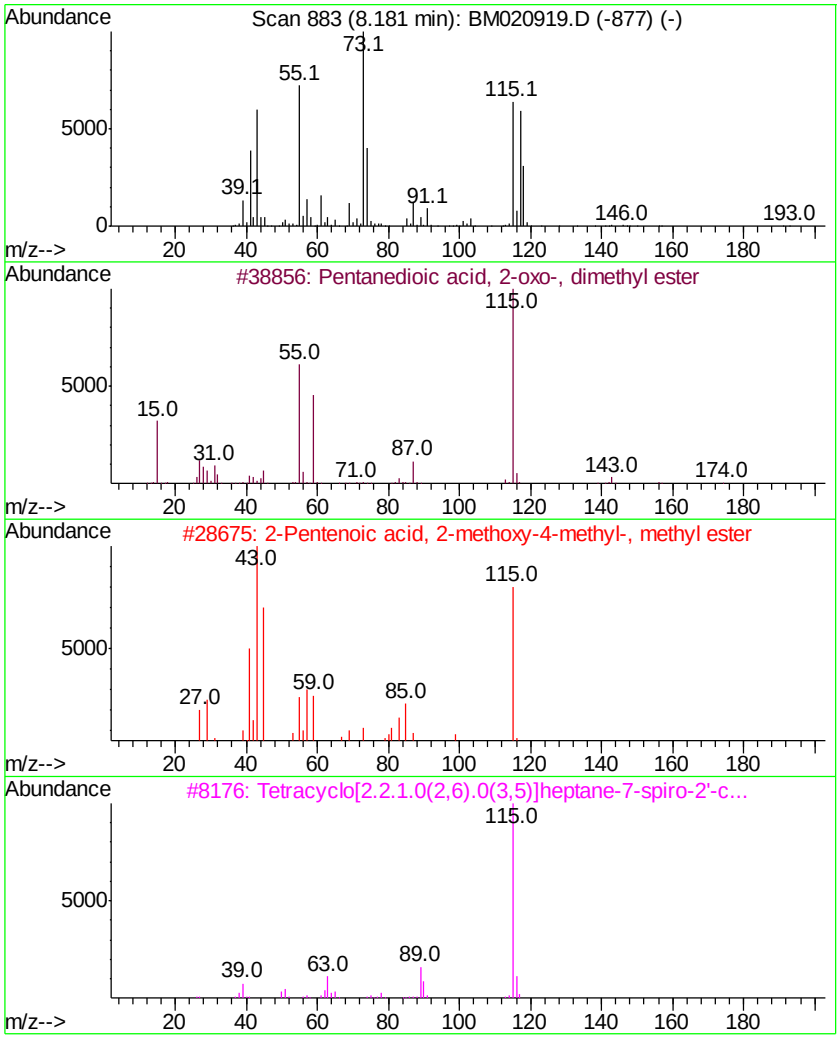
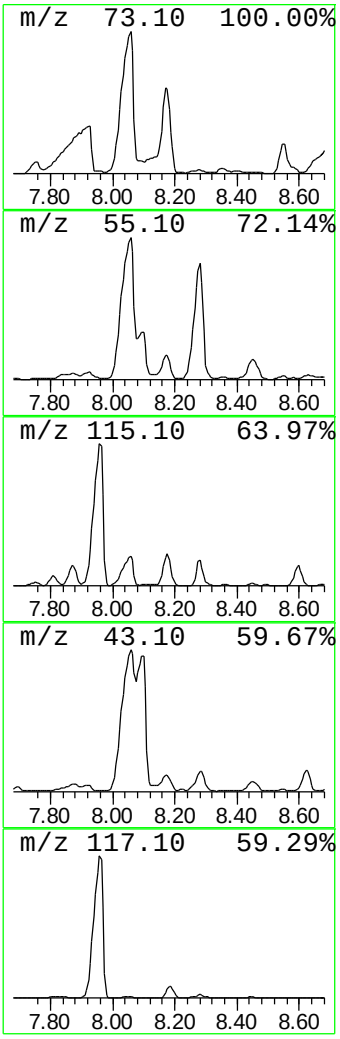
Peak Number 23 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	49.69 ng/ul	12158300	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, 2-oxo-, dimet...	174	C7H10O5	013192-04-6	12
2	2-Pentenoic acid, 2-methoxy-4-me...	158	C8H14O3	056009-36-0	12
3	Tetracyclo[2.2.1.0(2,6).0(3,5)]h...	116	C9H8	081787-74-8	9
4	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	9
5	1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	9





Library Search Compound Report

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Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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

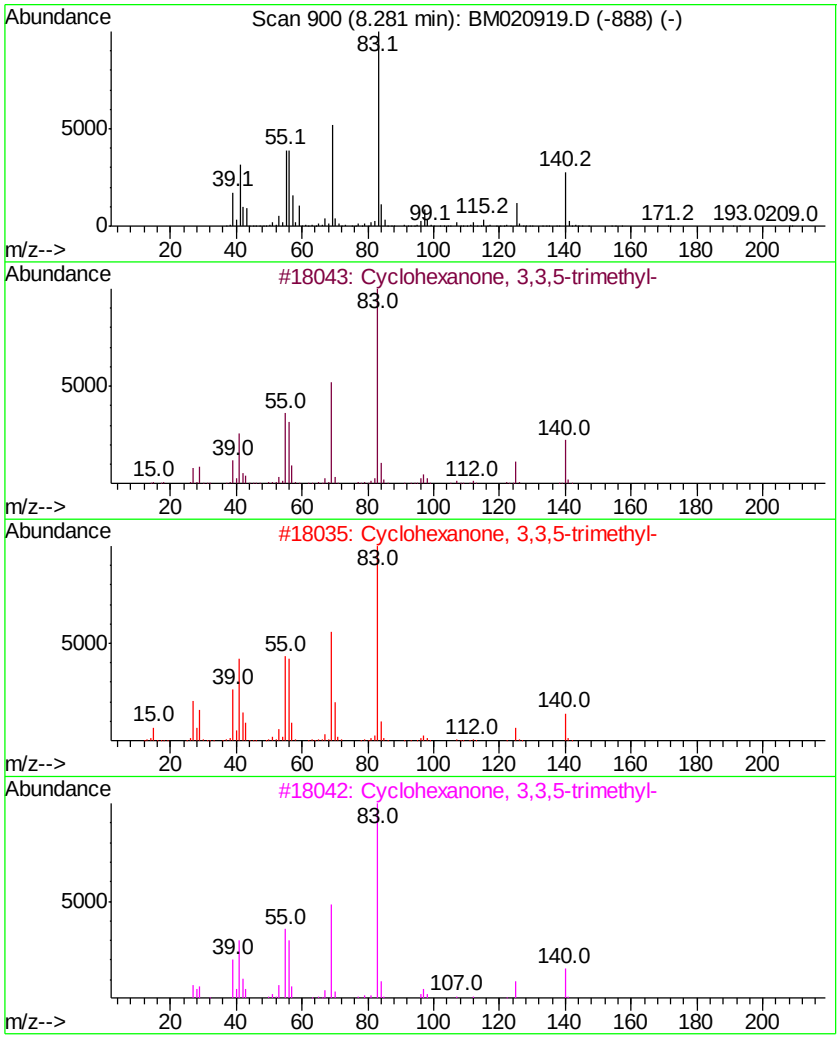
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

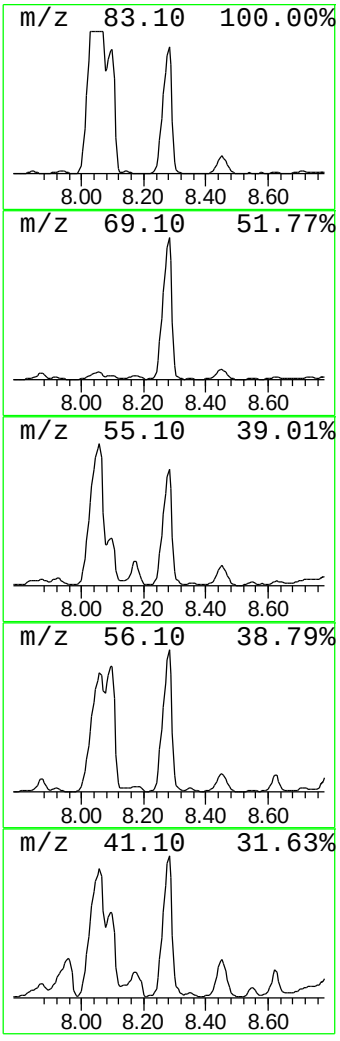
****

Peak Number 24 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	279.18 ng/ul	68316900	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	96
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	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	47
5	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	43





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Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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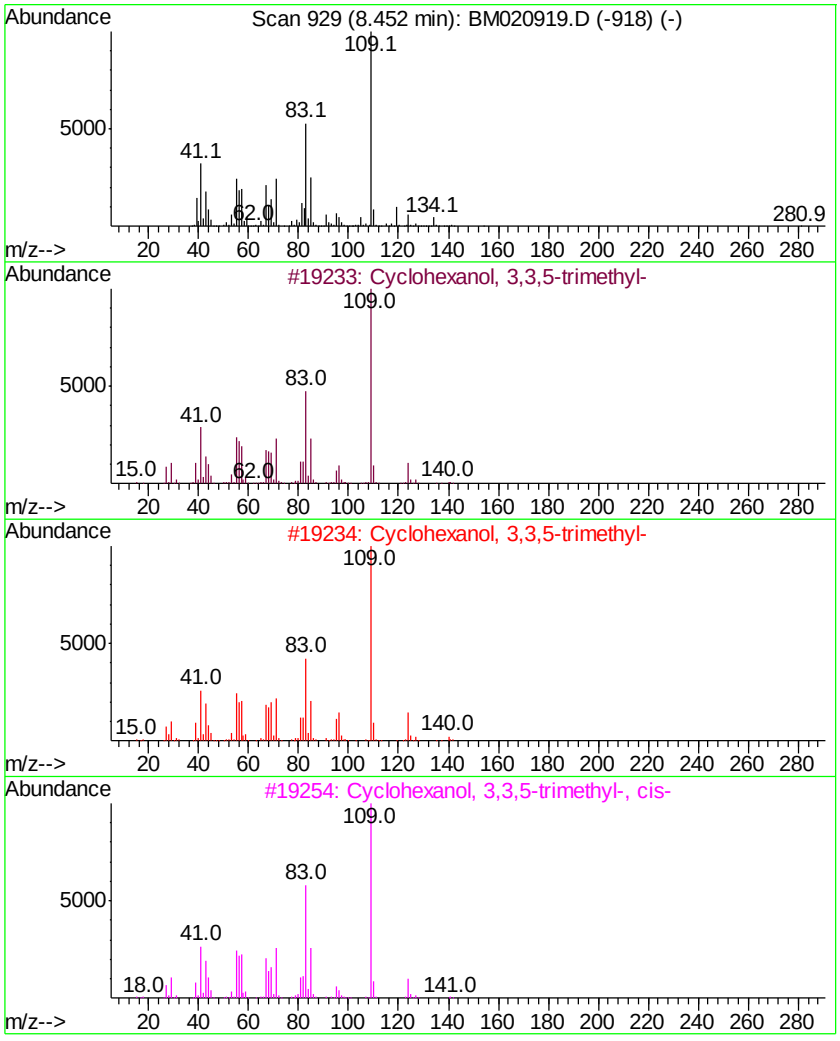
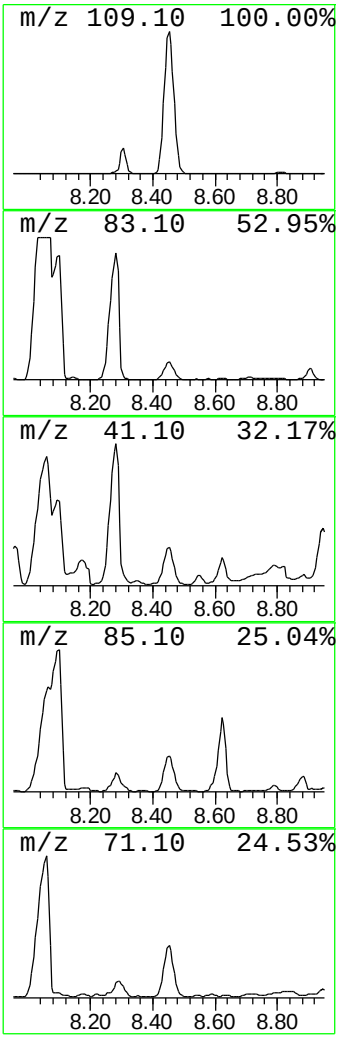
Peak Number 25 Cyclohexanol, 3,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	97.50 ng/ul	23859000	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	74
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	72
3	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	47
4	1-Trichlorosilyl-4-trivinylsilyl...	270	C8H13Cl3Si2	080153-61-3	38
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	38





Library Search Compound Report

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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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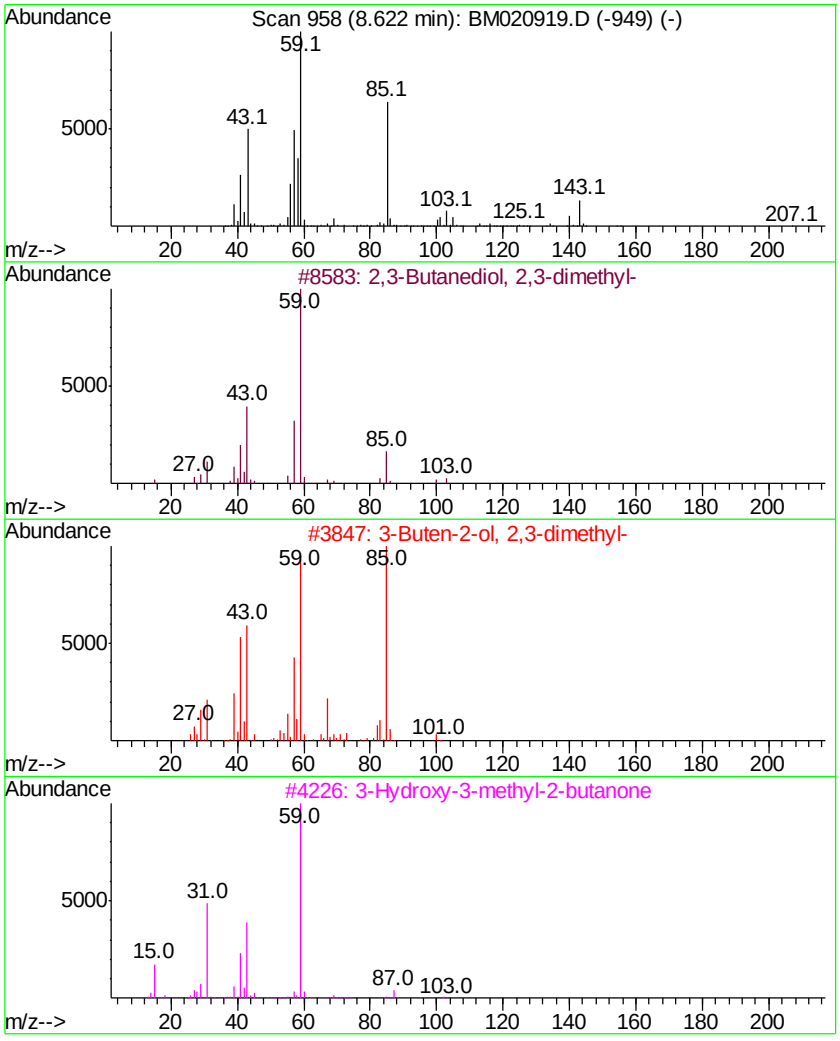
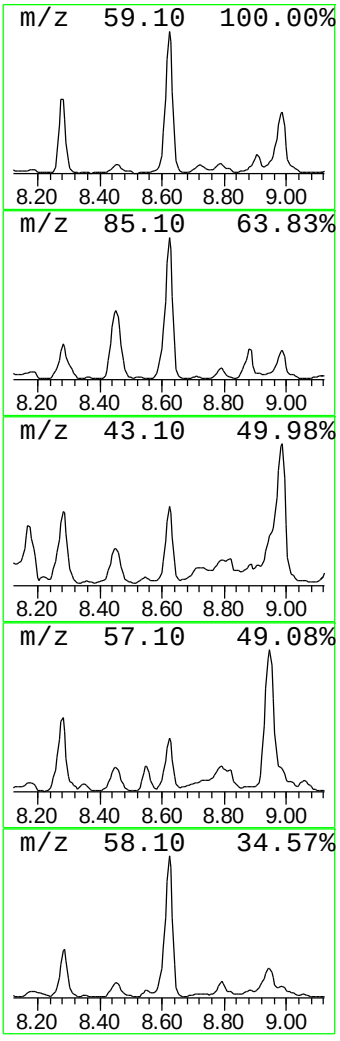
Peak Number 26 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	55.83 ng/ul	13661400	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	40
2	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	36
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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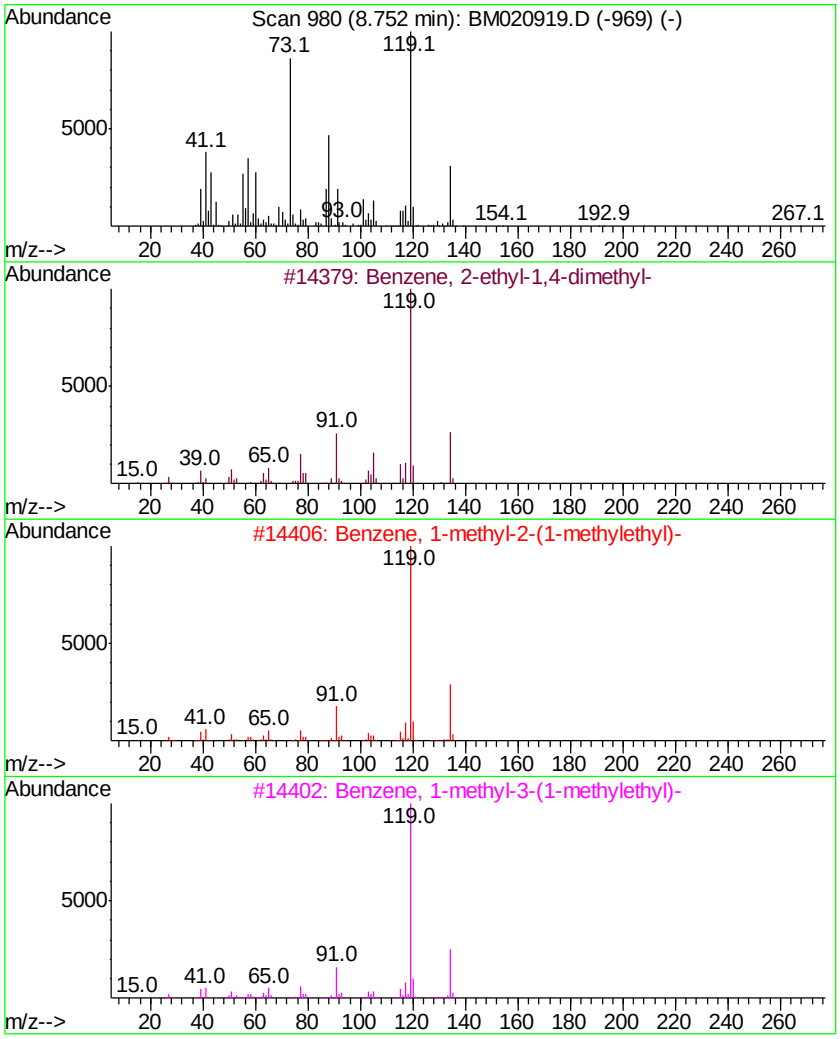
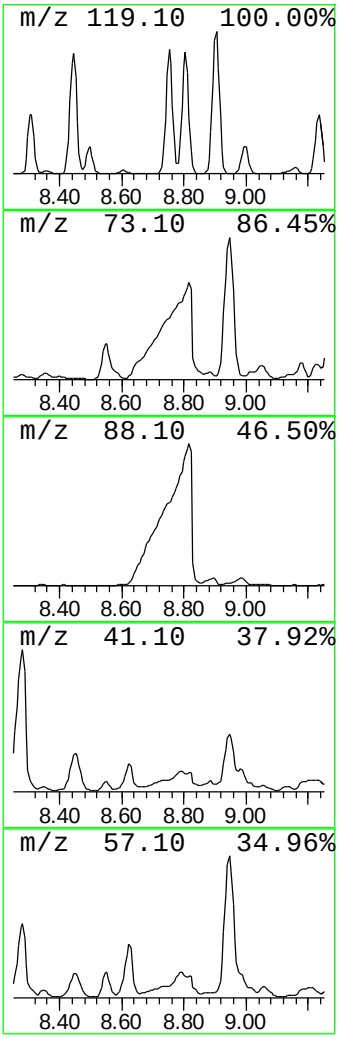
Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	21.51 ng/ul	5264500	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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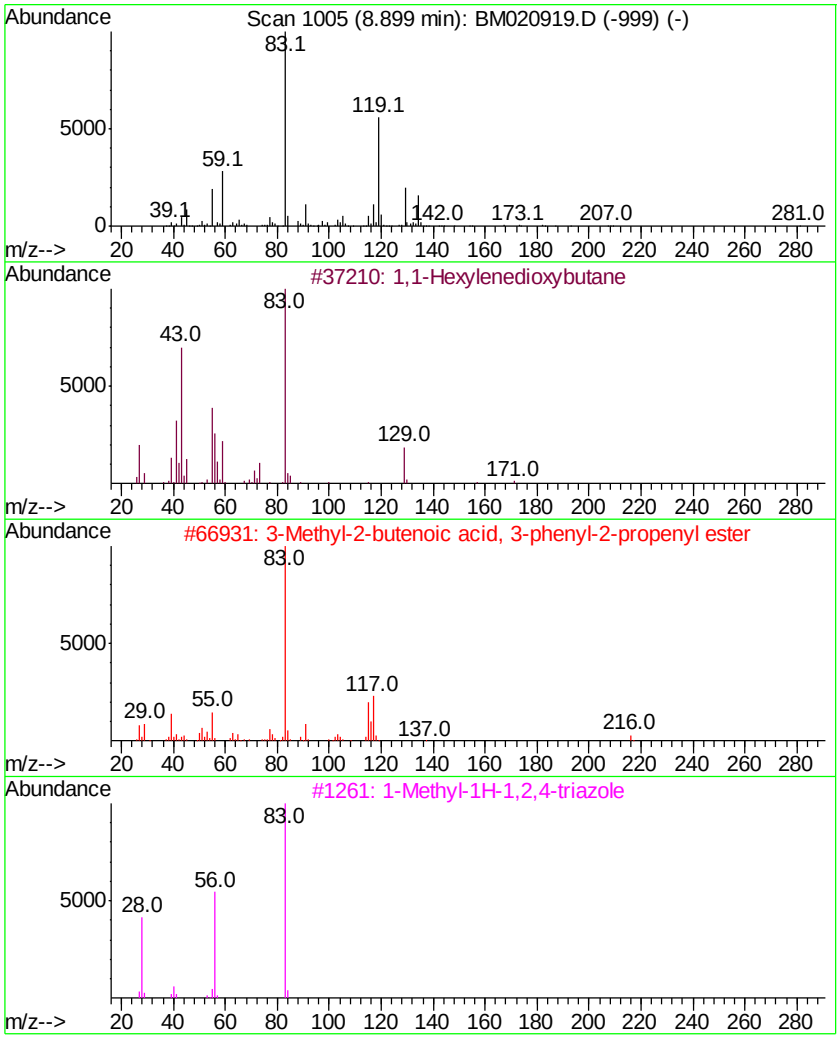
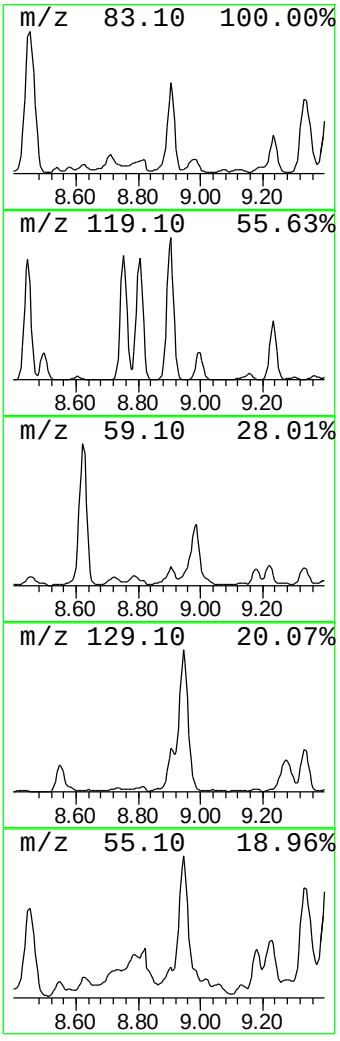
Peak Number 28 unknown-07 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	14.33 ng/ul	3506060	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	28
2	3-Methyl-2-butenoic acid, 3-phen...	216	C14H16O2	056500-41-5	10
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	9
4	Cyclopentanethiol, 1-methyl-	116	C6H12S	001638-95-5	9
5	Cyclopropane-1-carboxamide, 2-(2...	289	C14H21Cl2NO	297146-28-2	9





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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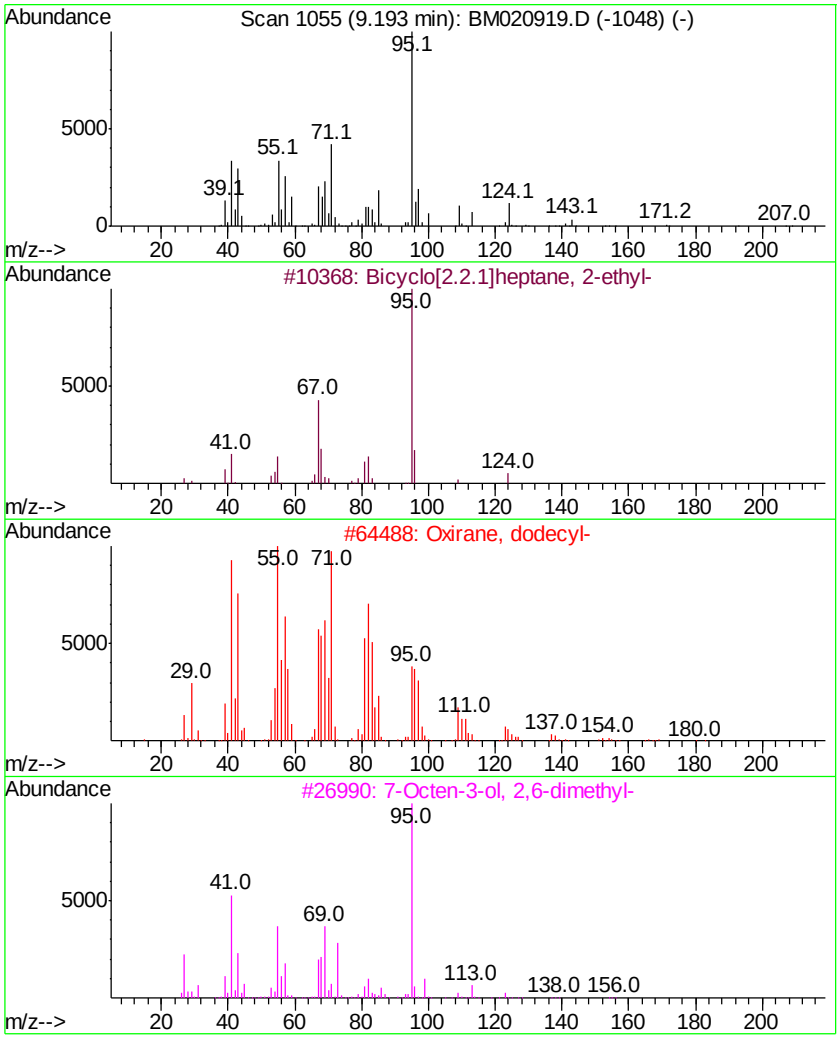
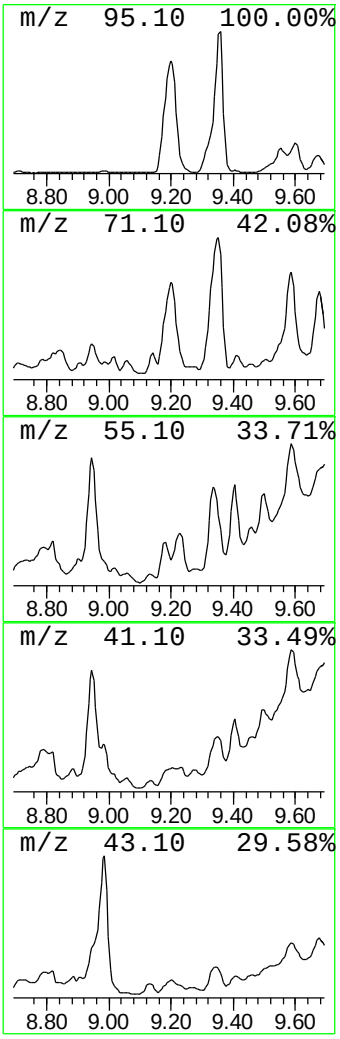
Peak Number 29 unknown-08 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	13.62 ng/ul	3332190	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	38
2	Oxirane, dodecyl-	212	C14H28O	003234-28-4	35
3	7-Octen-3-ol, 2,6-dimethyl-	156	C10H20O	018479-56-6	35
4	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	32
5	Dicyclohexylmethanol	196	C13H24O	004453-82-1	32





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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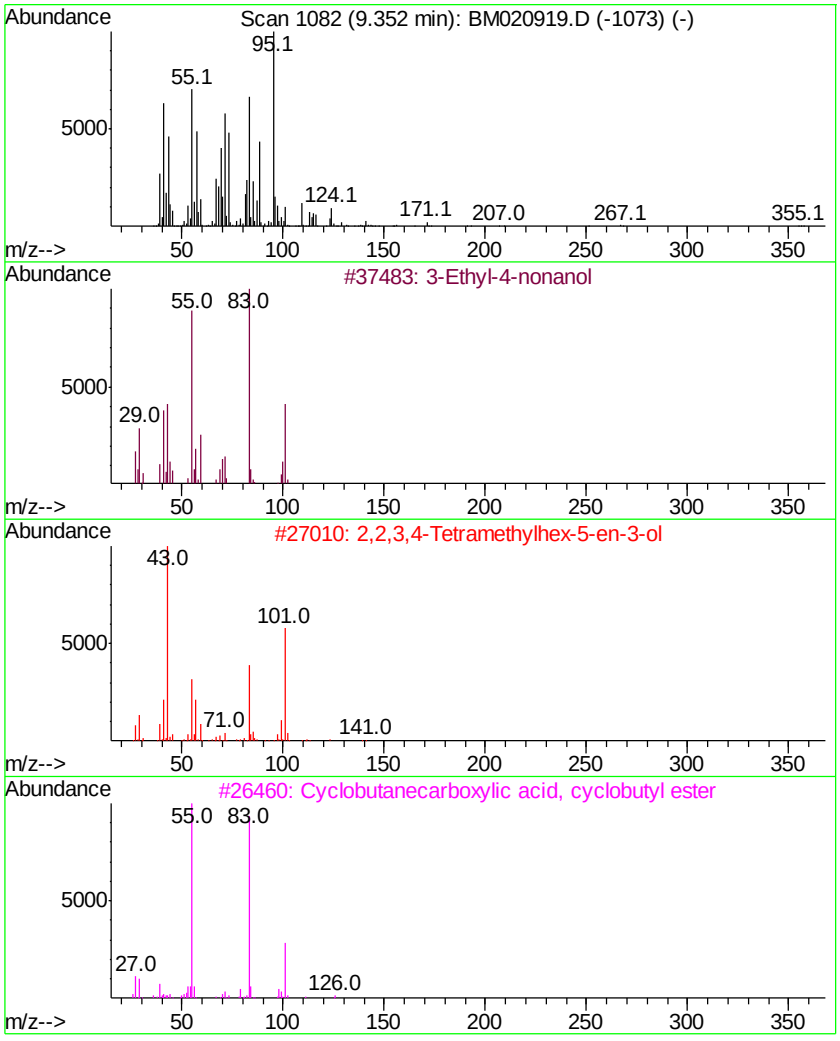
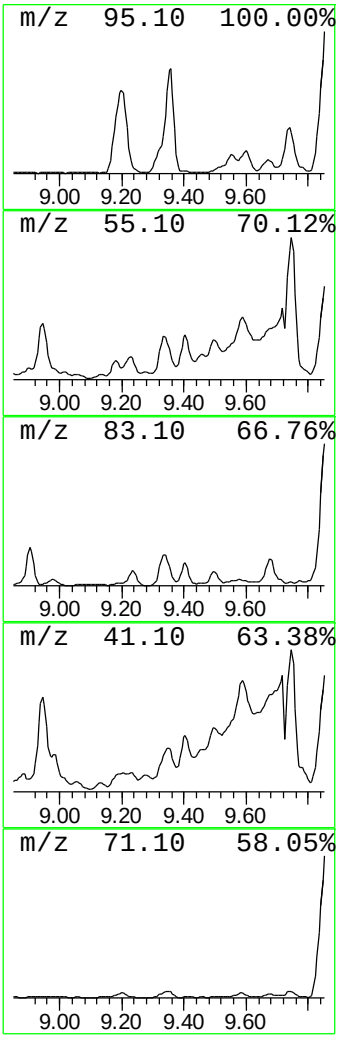
Peak Number 30 unknown-09 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	37.39 ng/ul	13266500	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-4-nonanol	172	C11H24O	019780-72-4	25
2	2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1000191-06-9	22
3	Cyclobutanecarboxylic acid, cycl...	154	C9H14O2	042392-30-3	14
4	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	14
5	6-Undecanol	172	C11H24O	023708-56-7	14





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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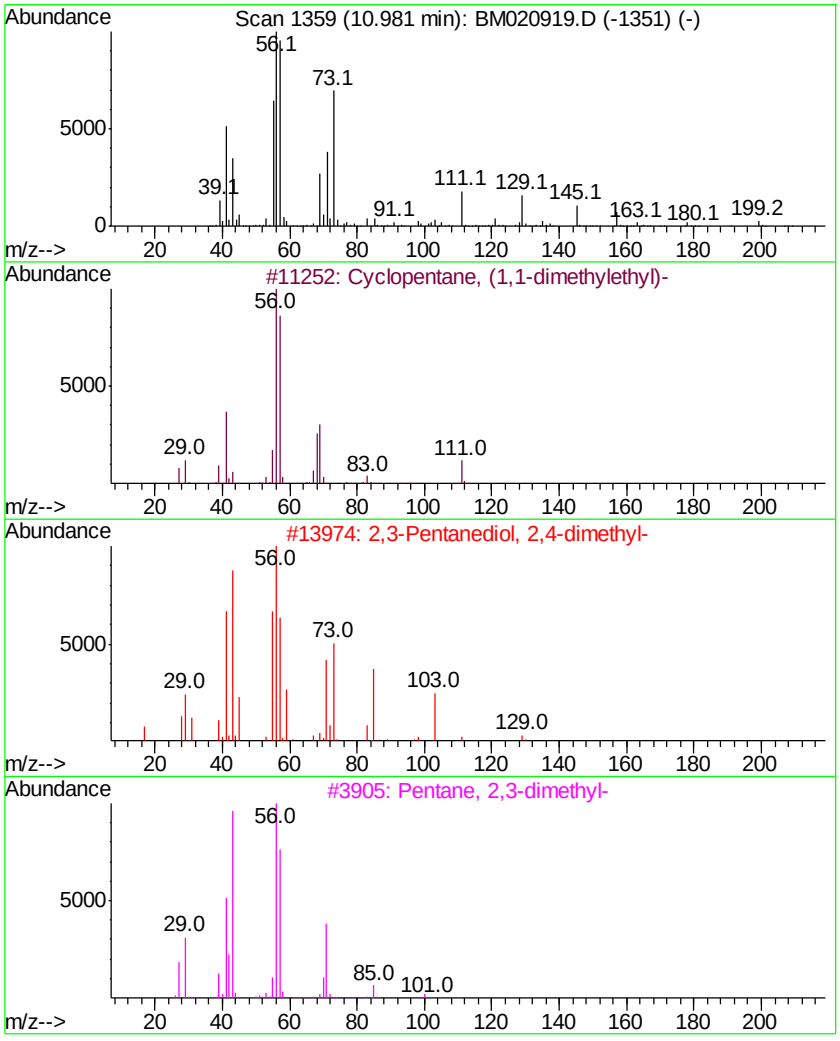
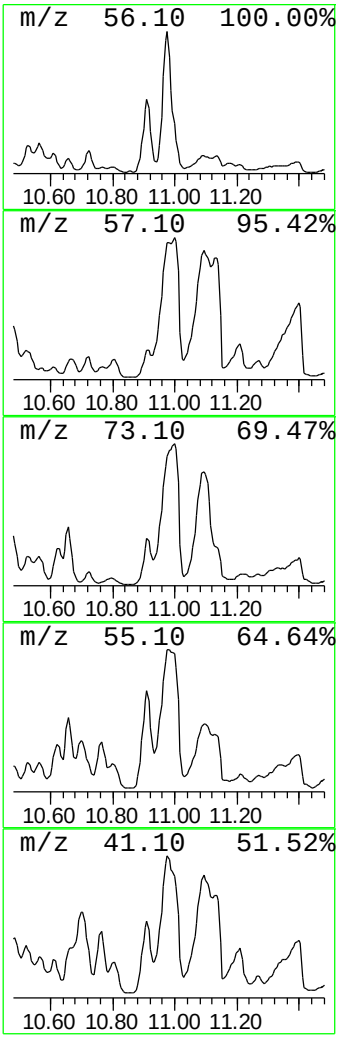
Peak Number 41 (DEL) Alkane: Cyclic10.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	81.58 ng/ul	28947000	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	43
2	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	36
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	36
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	27





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Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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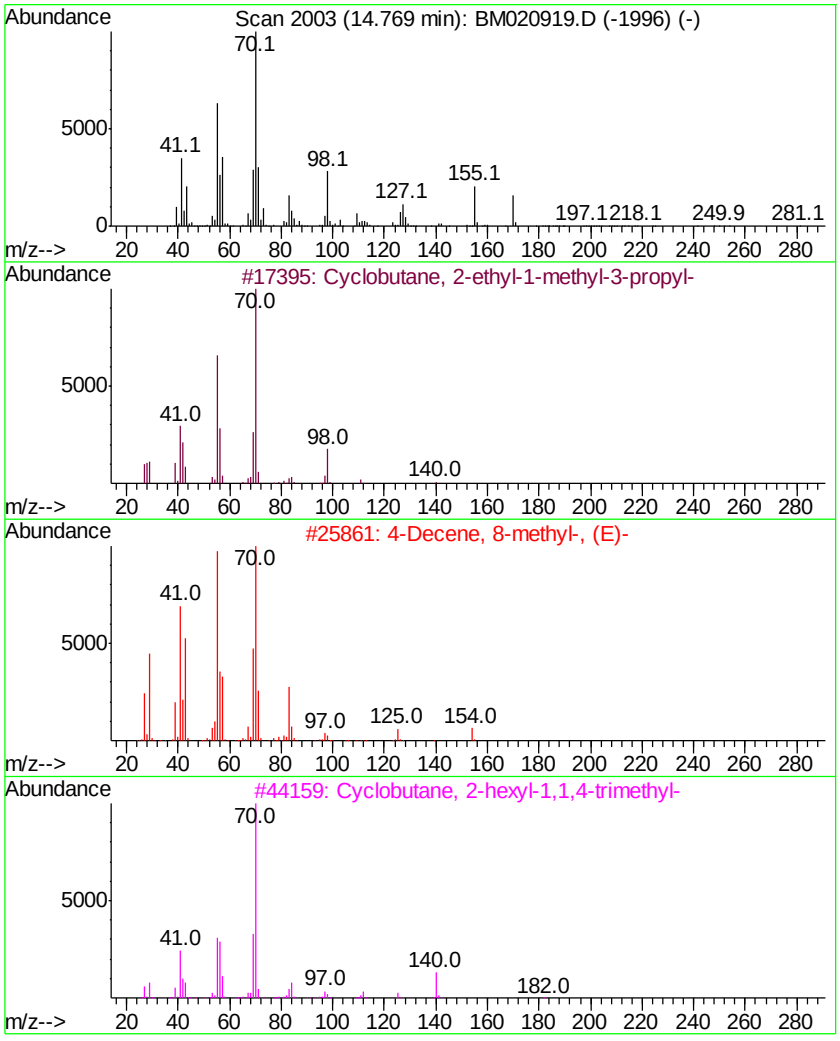
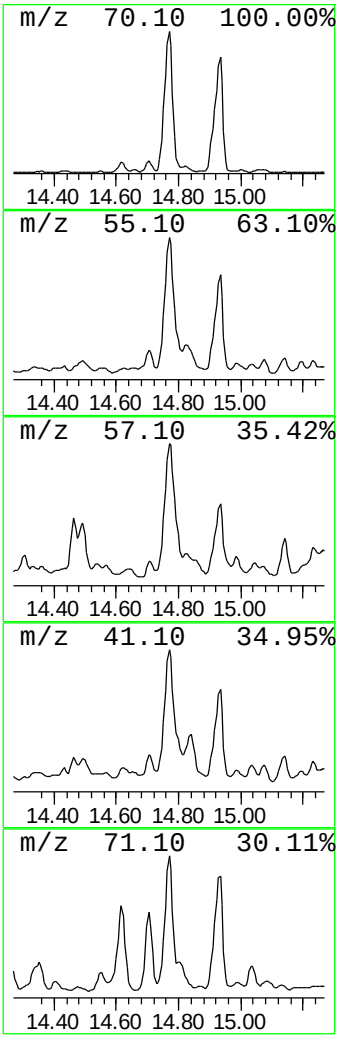
Peak Number 65 (DEL) Alkane: Cyclic14.77 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	94.72 ng/ul	29806600	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	50
2	4-Decene, 8-methyl-, (E)-	154	C11H22	062338-50-5	38
3	Cyclobutane, 2-hexyl-1,1,4-trime...	182	C13H26	062338-53-8	37
4	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	37
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	37





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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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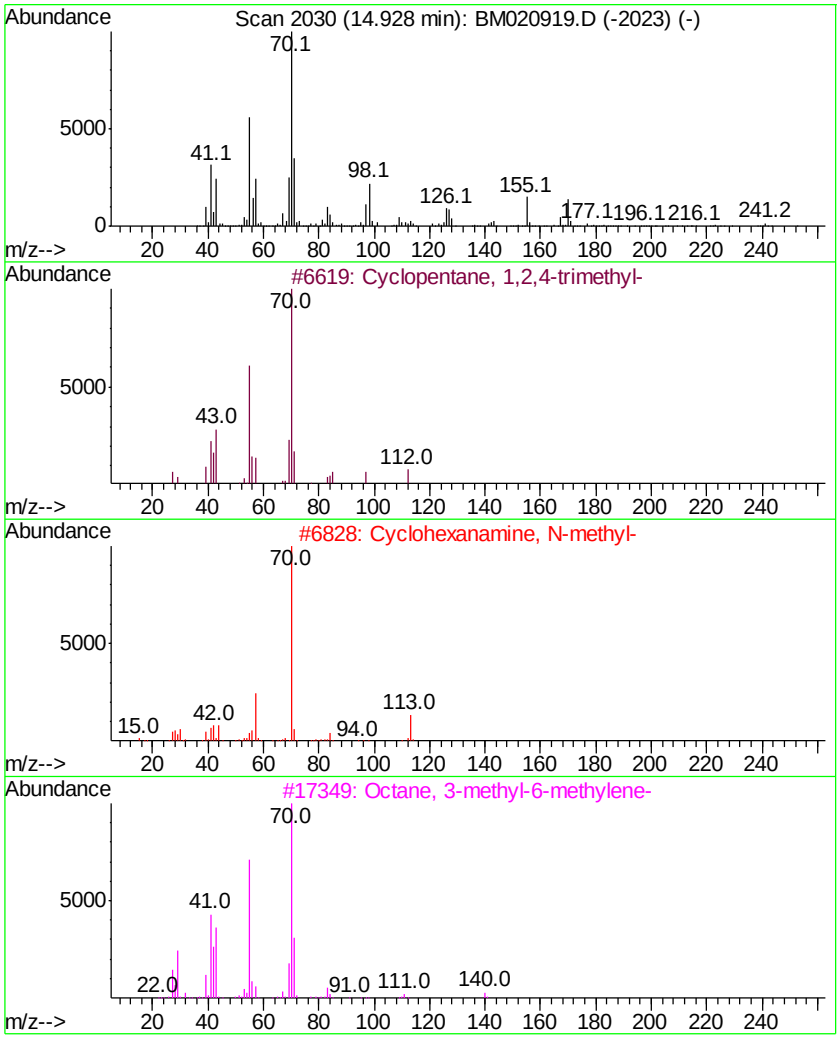
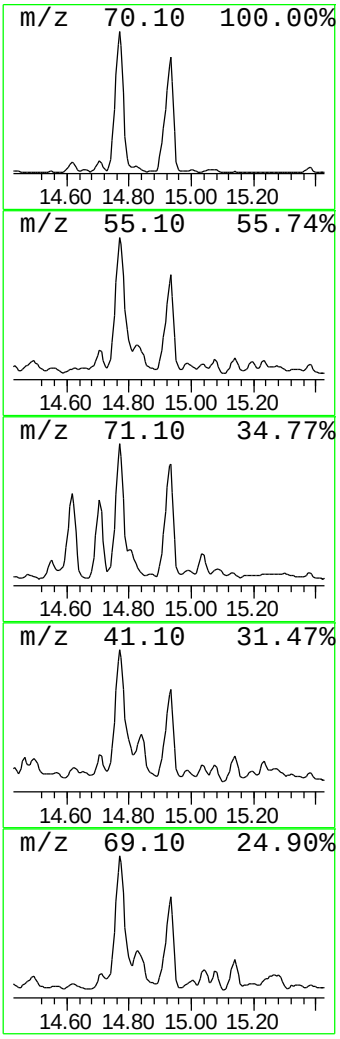
Peak Number 67 (DEL) Alkane: Cyclic14.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	52.91 ng/ul	16650400	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43
2	Cyclohexanamine, N-methyl-	113	C7H15N	000100-60-7	43
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	43
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	43
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	40





Tentatively Identified Compound (LSC) summary

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Data File : BM020919.D
Acq On : 13 Jun 2019 00:33
Operator : HP/JU
Sample : K3215-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8

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	60.9	ng/ul	14898300	1	7.81	4894080	20.0
3-Hexanone, 2-met...	4.88	15.6	ng/ul	3811740	1	7.81	4894080	20.0
unknown-01	5.39	33.8	ng/ul	8271930	1	7.81	4894080	20.0
unknown-02	5.59	16.8	ng/ul	4115360	1	7.81	4894080	20.0
Cyclohexanol	5.72	21.6	ng/ul	5287250	1	7.81	4894080	20.0
Hexylene Glycol	6.23	99.2	ng/ul	24279800	1	7.81	4894080	20.0
Benzene, 1,2,3-tr...	7.03	16.5	ng/ul	4032020	1	7.81	4894080	20.0
Benzene, 1-ethyl-...	7.20	18.1	ng/ul	4427790	1	7.81	4894080	20.0
2-Heptanone, 4,6-...	7.23	45.3	ng/ul	11088700	1	7.81	4894080	20.0
2-Hexanol, 3,4-di...	7.53	33.6	ng/ul	8213850	1	7.81	4894080	20.0
unknown-03	7.88	20.0	ng/ul	4894080	1	7.81	4894080	20.0
Benzene, 1,2,4,5-...	7.96	449.4	ng/ul	109978000	1	7.81	4894080	20.0
1,1-Hexylenedioxy...	8.06	566.1	ng/ul	138521000	1	7.81	4894080	20.0
unknown-04	8.10	221.3	ng/ul	54162000	1	7.81	4894080	20.0
unknown-05	8.18	49.7	ng/ul	12158300	1	7.81	4894080	20.0
Cyclohexanone, 3,...	8.28	279.2	ng/ul	68316900	1	7.81	4894080	20.0
Cyclohexanol, 3,3...	8.45	97.5	ng/ul	23859000	1	7.81	4894080	20.0
unknown-06	8.62	55.8	ng/ul	13661400	1	7.81	4894080	20.0
Benzene, 2-ethyl-...	8.75	21.5	ng/ul	5264500	1	7.81	4894080	20.0
unknown-07	8.90	14.3	ng/ul	3506060	1	7.81	4894080	20.0
unknown-08	9.19	13.6	ng/ul	3332190	1	7.81	4894080	20.0
unknown-09	9.35	37.4	ng/ul	13266500	2	10.61	7096930	20.0
(DEL) Alkane: Cyc...	10.98	81.6	ng/ul	28947000	2	10.61	7096930	20.0
(DEL) Alkane: Cyc...	14.77	94.7	ng/ul	29806600	3	14.45	6293580	20.0
(DEL) Alkane: Cyc...	14.93	52.9	ng/ul	16650400	3	14.45	6293580	20.0