LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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-BM061419MA.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	3.940	151	162	167	rVV	197549	485195	1.16%	0.149%
2	4.269	213	218	228	rVV	995567	1423196	3.41%	0.436%
3	5.381	401	407	413	rVV2	490022	766437	1.84%	0.235%
4	5.446	413	418	426	rVV	221658	426814	1.02%	0.131%
5	5.699	457	461	467	rVV	297216	482628	1.16%	0.148%
6	6.134	528	535	541	rBV	1566285	2602830	6.24%	0.798%
7	6.216	541	549	552	rVV	271355	729201	1.75%	0.223%
8	6.540	598	604	612	rVB	2289375	3345629	8.02%	1.025%
9	6.857	648	658	659	rVV2	223475	455399	1.09%	0.140%
10	6.875	659	661	666	rVV	282542	433033	1.04%	0.133%
11	6.934	666	671	677	rVV	2800158	4256470	10.21%	1.304%
12	6.998	677	682	687	rVV2	481955	1081227	2.59%	0.331%
13	7.051	687	691	696	rVV	1233558	1726920	4.14%	0.529%
14	7.128	696	704	708	rVV2	256987	506223	1.21%	0.155%
15	7.175	708	712	715	rVV	272955	453252	1.09%	0.139%
16	7.216	715	719	725	rVB	793769	1174712	2.82%	0.360%
17	7.434	746	756	761	rBV	587857	935327	2.24%	0.287%
18	7.628	778	789	793	rBV	340977	815263	1.95%	0.250%
19	7.793	807	817	822	rBV	1421542	3395895	8.14%	1.041%
20	7.834	822	824	831	rVV2	894538	1177192	2.82%	0.361%
21	7.922	831	839	846	rVB	9258810	14301038	34.29%	4.382%
22	8.004	846	853	856	rBV	12703648	21263438	50.99%	6.515%
23	8.034	856	858	865	rVB	7222495	8611406	20.65%	2.639%
24	8.222	883	890	903	rVB	4866381	8914597	21.38%	2.731%
25	8.410	913	922	927	rBV	1592676	2784298	6.68%	0.853%
26	8.493	927	936	945	rVB2	698018	2280096	5.47%	0.699%
27	8.587	945	952	961	rVB2	1008848	1821075	4.37%	0.558%
28	8.781	980	985	996	rBV7	209275	498639	1.20%	0.153%
29	8.910	997	1007	1012	rBV2	2037564	3462198	8.30%	1.061%
30	9.157	1033	1049	1051	rBV3	1315636	3687494	8.84%	1.130%
31	9.292	1053	1072	1082	rVB	3698342	19836431	47.57%	6.078%
32	9.375	1082	1086	1093	rVB2	444964	718868	1.72%	0.220%
33	9.475	1093	1103	1108	rBV5	308985	625209	1.50%	0.192%
34	9.563	1108	1118	1123	rBV3	480371	1063951	2.55%	0.326%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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-BM061419MA.M
Title : SVOA CALIBRATION

35	9.651	1123	1133	1140	rBV	1876871	3210211	7.70%	0.984%
36	9.751	1147	1150	1154	rVB	678754	852308	2.04%	0.261%
37	9.828	1154	1163	1171	rVB	22413892	41701830	100.00%	12.778%
38	9.934	1171	1181	1190	rBV2	9134158	20693243	49.62%	6.341%
39	10.004	1190	1193	1202	rVB5	218810	564709	1.35%	0.173%
40	10.098	1202	1209	1213	rBV	1625265	3255816	7.81%	0.998%
41	10.210	1222	1228	1232	rBV2	715792	1113126	2.67%	0.341%
42	10.275	1232	1239	1241	rBV2	409391	837852	2.01%	0.257%
43	10.351	1248	1252	1261	rVB3	339283	593517	1.42%	0.182%
44	10.463	1261	1271	1278	rBV2	1683904	4123505	9.89%	1.263%
45	10.581	1285	1291	1296	rBV	1742117	3260440	7.82%	0.999%
46	10.639	1296	1301	1307	rVB3	2769146	4869451	11.68%	1.492%
47	10.704	1307	1312	1317	rBV	1025821	1630700	3.91%	0.500%
48	10.757	1317	1321	1324	rVB	352611	492256	1.18%	0.151%
49	10.798	1324	1328	1331	rBV	343311	465865	1.12%	0.143%
50	10.851	1331	1337	1340	rBV	1190815	1960393	4.70%	0.601%
51	10.922	1340	1349	1352	rBV	1473411	3397180	8.15%	1.041%
52	11.069	1367	1374	1377	rBV5	259518	593270	1.42%	0.182%
53	11.134	1378	1385	1391	rVB	916880	1910528	4.58%	0.585%
54	11.534	1443	1453	1457	rBV3	2629369	6753750	16.20%	2.069%
55	11.781	1482	1495	1498	rBV	1436082	3947135	9.47%	1.209%
56	11.822	1498	1502	1513	rVV3	1758496	3352110	8.04%	1.027%
57	11.998	1527	1532	1535	rBV2	349787	542501	1.30%	0.166%
58	12.033	1535	1538	1543	rVB2	536566	755054	1.81%	0.231%
59	12.122	1543	1553	1559	rBV3	608771	1246246	2.99%	0.382%
60	12.381	1590	1597	1601	rVB3	839939	1594758	3.82%	0.489%
61	12.516	1616	1620	1628	rVV3	364891	827269	1.98%	0.253%
62	12.598	1629	1634	1641	rVV5	301382	552827	1.33%	0.169%
63	12.728	1650	1656	1666	rVV4	720102	1854056	4.45%	0.568%
64	12.839	1671	1675	1681	rVB	645600	928053	2.23%	0.284%
65	12.933	1687	1691	1694	rBV3	274668	481254	1.15%	0.147%
66	13.080	1712	1716	1722	rBV	817611	1141918	2.74%	0.350%
67	13.145	1722	1727	1729	rVV	788449	1163247	2.79%	0.356%
68	13.175	1729	1732	1739	rVB2	1024302	1634770	3.92%	0.501%
69	13.269	1739	1748	1753	rBV7	170463	468941	1.12%	0.144%
70	13.380	1759	1767	1772	rBV2	1704423	3046763	7.31%	0.934%
71	13.457	1775	1780	1789	rVB5	781405	2048595	4.91%	0.628%

LSC Area Percent Report

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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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-BM061419MA.M
Title : SVOA CALIBRATION

72	13.692	1815	1820	1830	rVB	1250730	1924420	4.61%	0.590%
73	13.786	1831	1836	1842	rBV2	690388	1069644	2.56%	0.328%
74	13.845	1842	1846	1853	rVB2	451809	674771	1.62%	0.207%
75	13.980	1864	1869	1877	rVB7	234295	475295	1.14%	0.146%
76	14.116	1886	1892	1896	rVV2	690021	1297185	3.11%	0.397%
77	14.157	1896	1899	1908	rVB4	440692	839064	2.01%	0.257%
78	14.427	1938	1945	1951	rBV2	2862699	4926323	11.81%	1.509%
79	14.480	1951	1954	1960	rVB2	411846	558719	1.34%	0.171%
80	14.633	1971	1980	1987	rBV6	811789	1503130	3.60%	0.461%
81	14.739	1989	1998	2005	rBV2	2419126	5307661	12.73%	1.626%
82	14.816	2008	2011	2015	rVV	823498	1084760	2.60%	0.332%
83	14.898	2015	2025	2029	rVB	1278719	2241565	5.38%	0.687%
84	15.057	2047	2052	2056	rBV3	712534	1117063	2.68%	0.342%
85	15.210	2074	2078	2085	rVV3	409550	679842	1.63%	0.208%
86	15.421	2109	2114	2119	rVB	711045	1055544	2.53%	0.323%
87	15.563	2130	2138	2143	rVV	3700079	5344021	12.81%	1.637%
88	15.616	2143	2147	2155	rVB4	224842	454096	1.09%	0.139%
89	16.210	2243	2248	2251	rVV	785885	1157327	2.78%	0.355%
90	16.251	2251	2255	2262	rVB	6300034	8636489	20.71%	2.646%
91	16.474	2288	2293	2298	rBV	641023	960458	2.30%	0.294%
92	16.827	2347	2353	2364	rVV	13151861	18457944	44.26%	5.656%
93	17.180	2407	2413	2418	rVV	3589949	5310181	12.73%	1.627%
94	17.274	2424	2429	2436	rVB2	742449	1186644	2.85%	0.364%
95	17.533	2468	2473	2476	rBV	598842	920257	2.21%	0.282%
96	19.115	2737	2742	2748	rBV2	385809	554117	1.33%	0.170%
97	19.568	2813	2819	2826	rBV	857351	1219619	2.92%	0.374%
98	21.356	3117	3123	3129	rBV	4923808	6280723	15.06%	1.924%
99	23.486	3479	3485	3494	rVB2	598247	1238673	2.97%	0.380%
100	23.627	3503	3509	3519	rVB2	2847780	5482363	13.15%	1.680%

Sum of corrected areas: 326364926

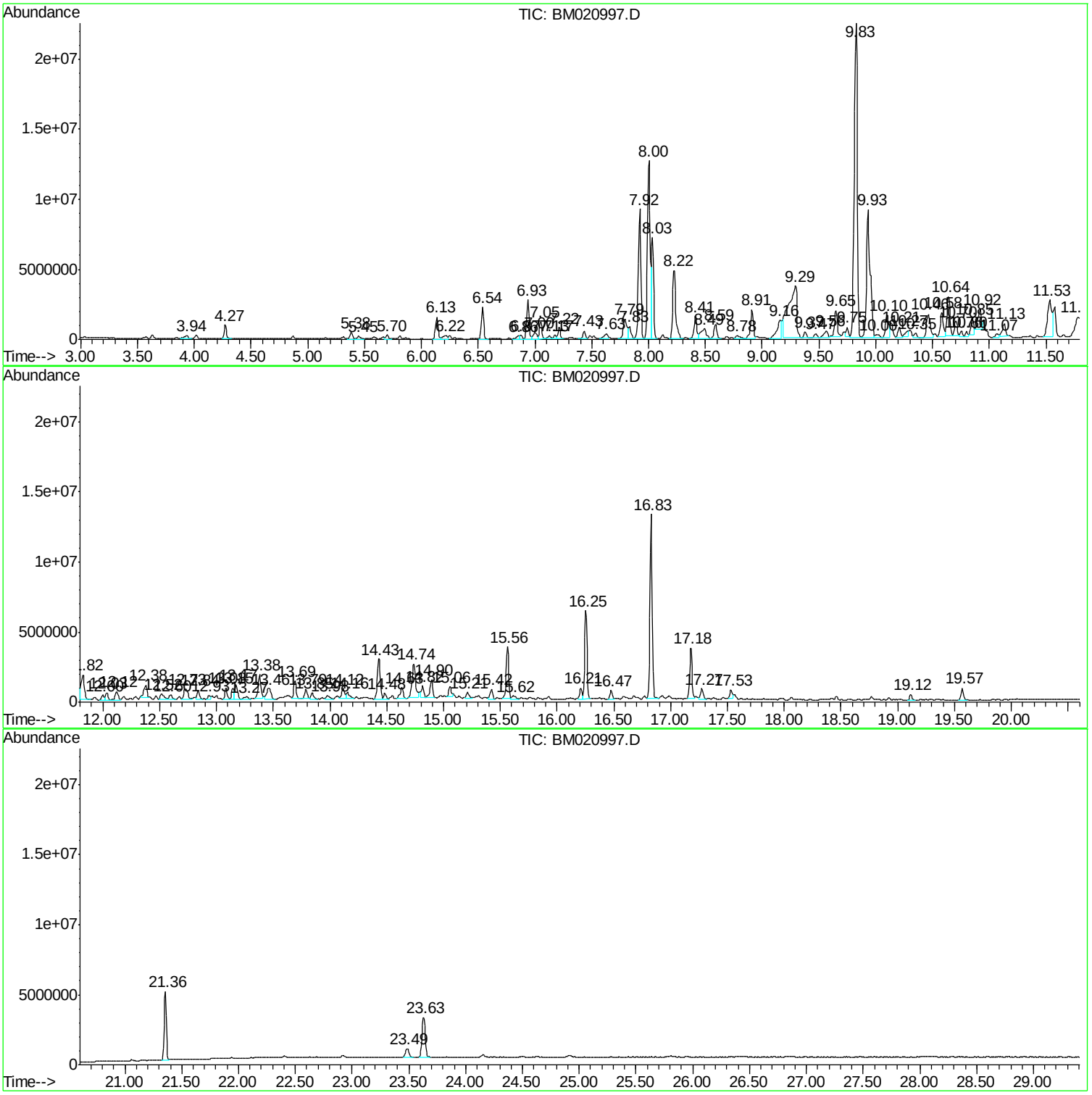
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

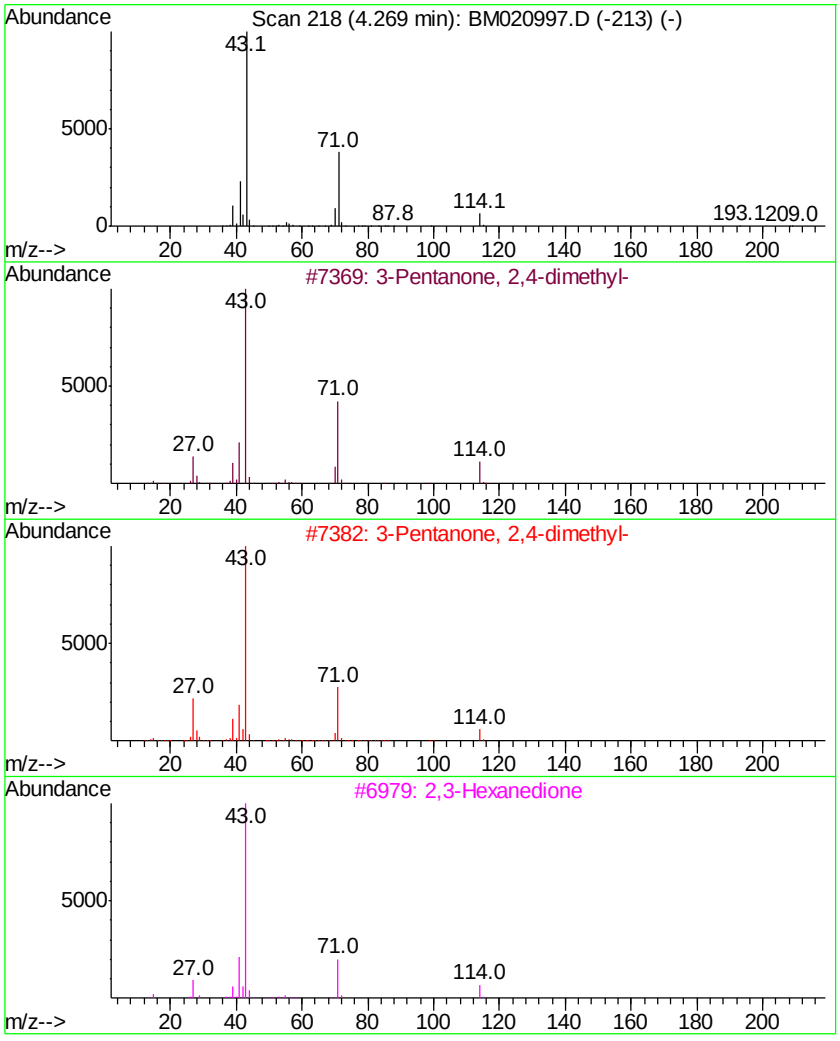
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

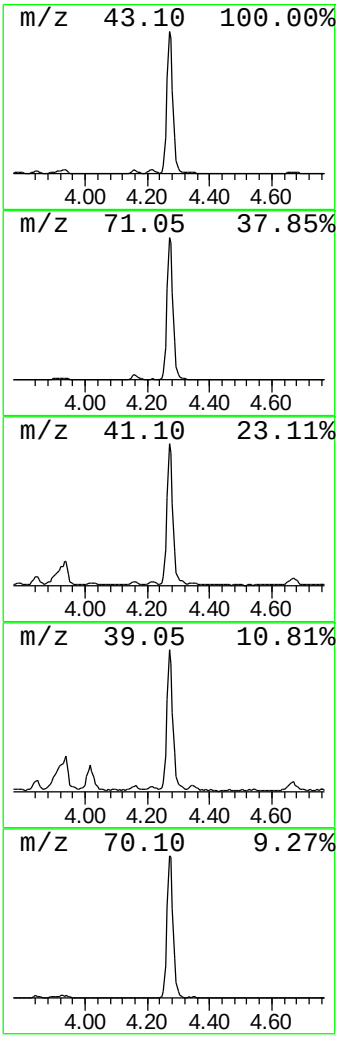
****

Peak Number 2 3-Pentanone, 2,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.38 ng/ul	1423200	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	47
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	47
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

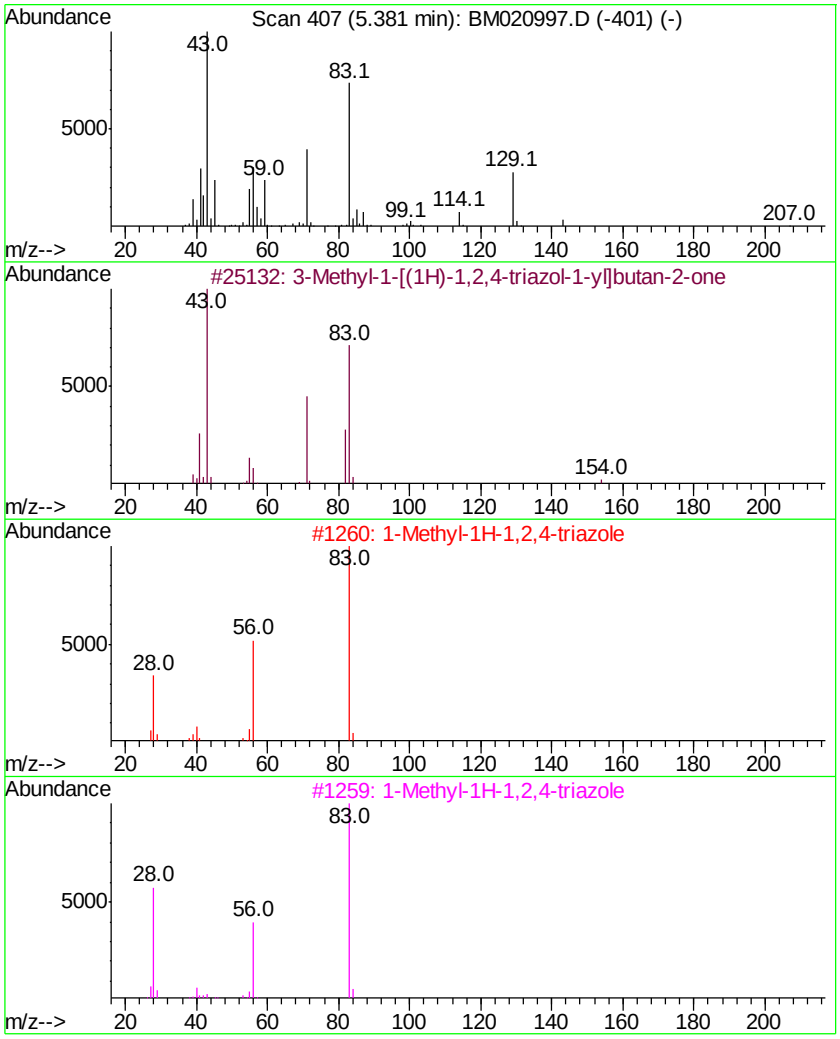
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

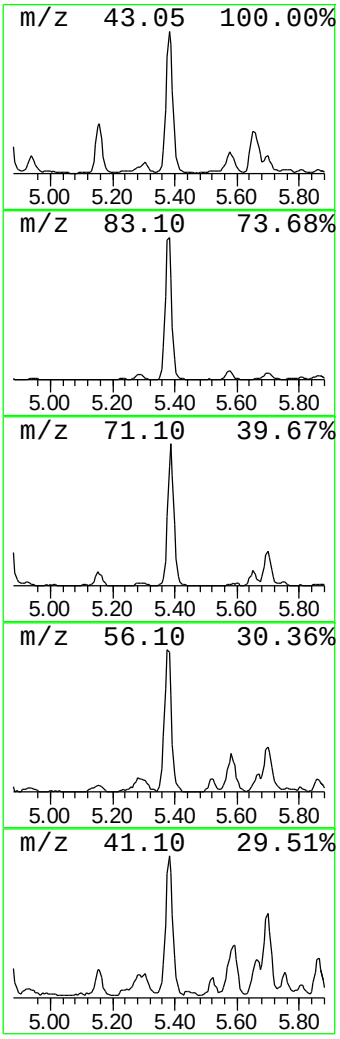
****

Peak Number 3 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	4.51 ng/ul	766437	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	47
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	35
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	25
4	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	17
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

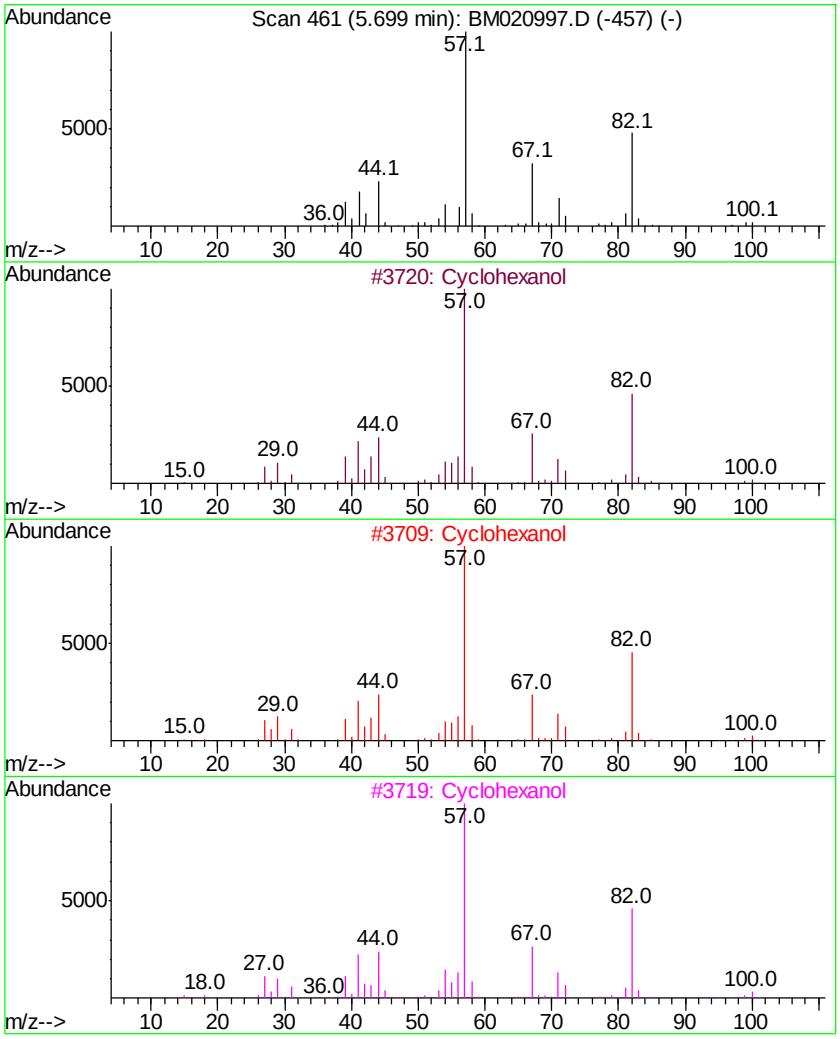
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

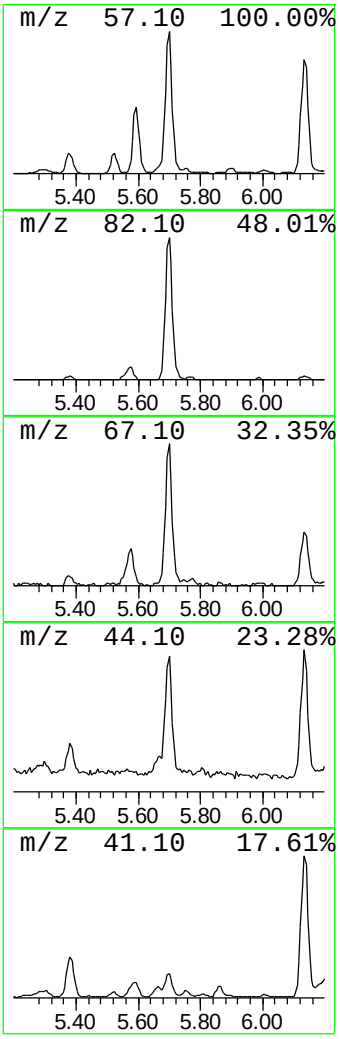
****

Peak Number 5 Cyclohexanol Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	2.84 ng/ul	482628	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	91
2	Cyclohexanol	100	C6H12O	000108-93-0	90
3	Cyclohexanol	100	C6H12O	000108-93-0	87
4	Cyclohexanol	100	C6H12O	000108-93-0	80
5	Cyclohexanol	100	C6H12O	000108-93-0	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

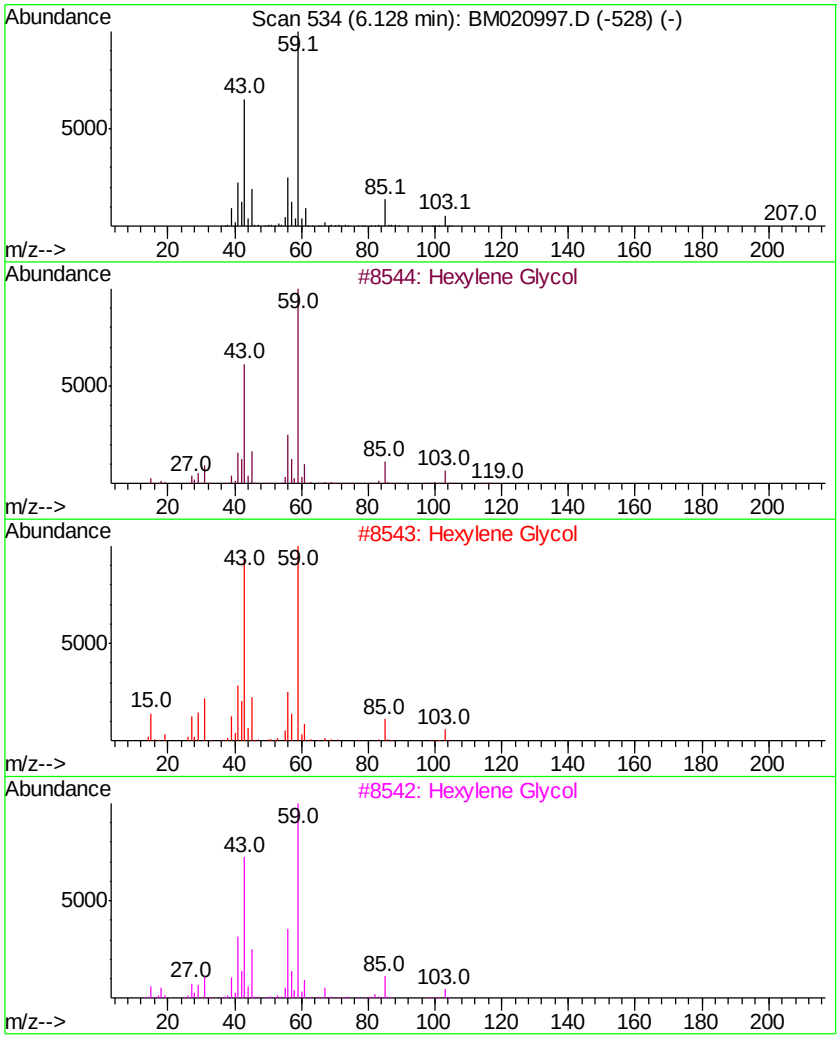
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

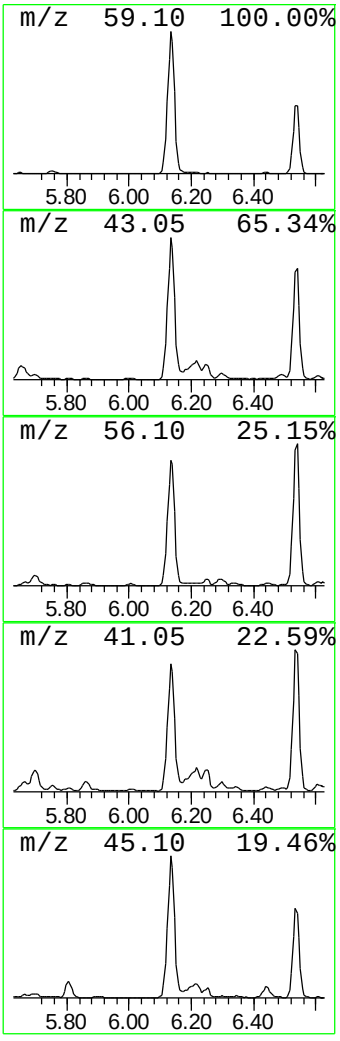
****

Peak Number 6 Hexylene Glycol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	15.33 ng/ul	2602830	1,4-Dichlorobenzene-d4	7.79

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	83
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	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

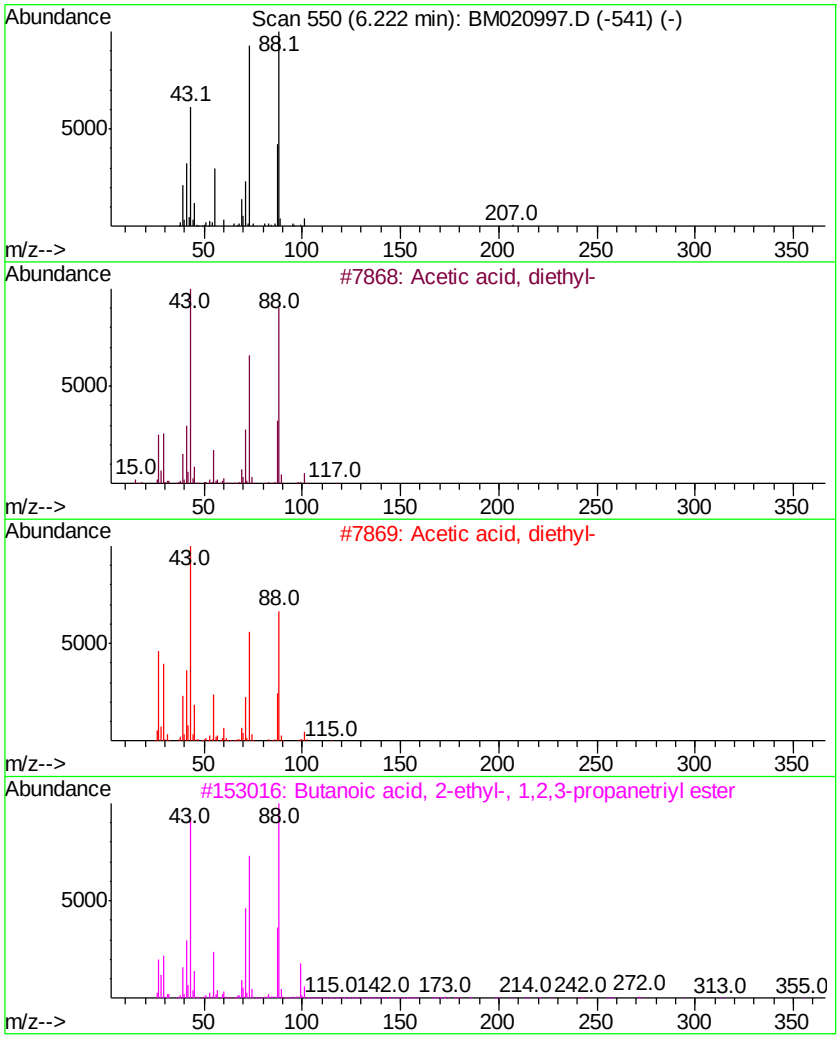
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

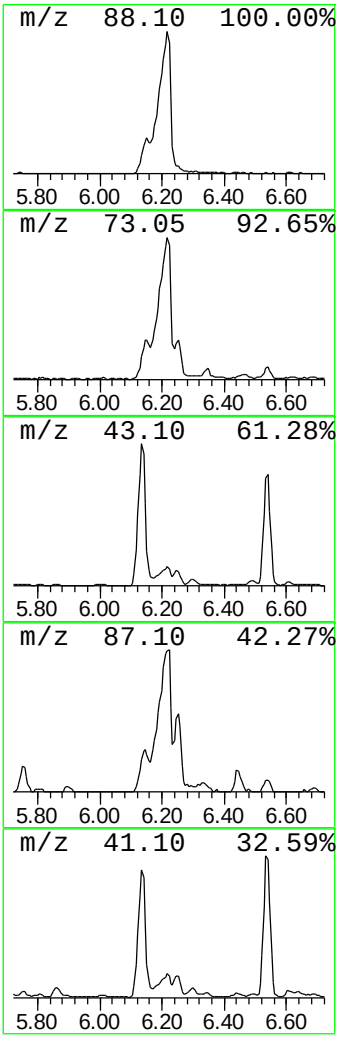
****

Peak Number 7 Acetic acid, diethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	4.29 ng/ul	729201	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	56
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	50
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	50





Library Search Compound Report

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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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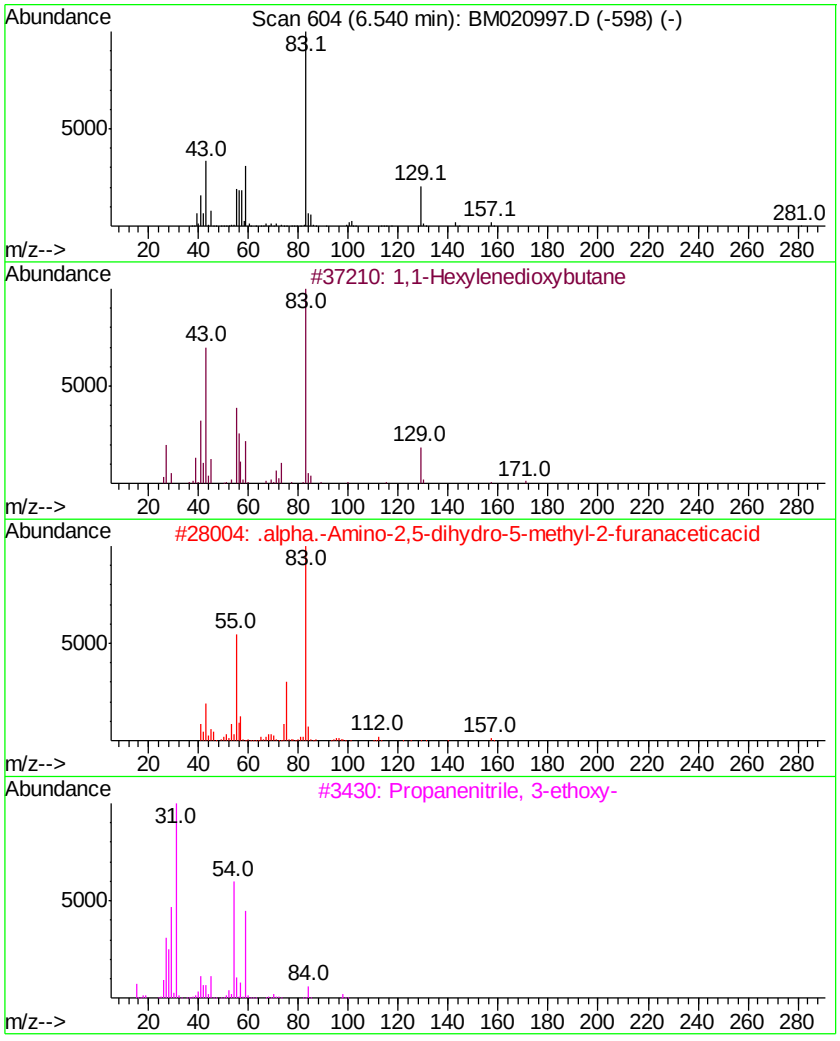
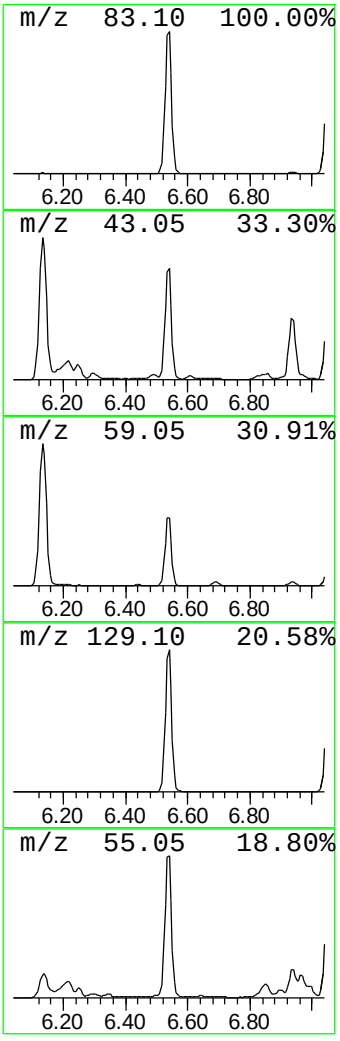
Peak Number 8 1,1-Hexylenedioxybutane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	19.70 ng/ul	3345630	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	72
2	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
3	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

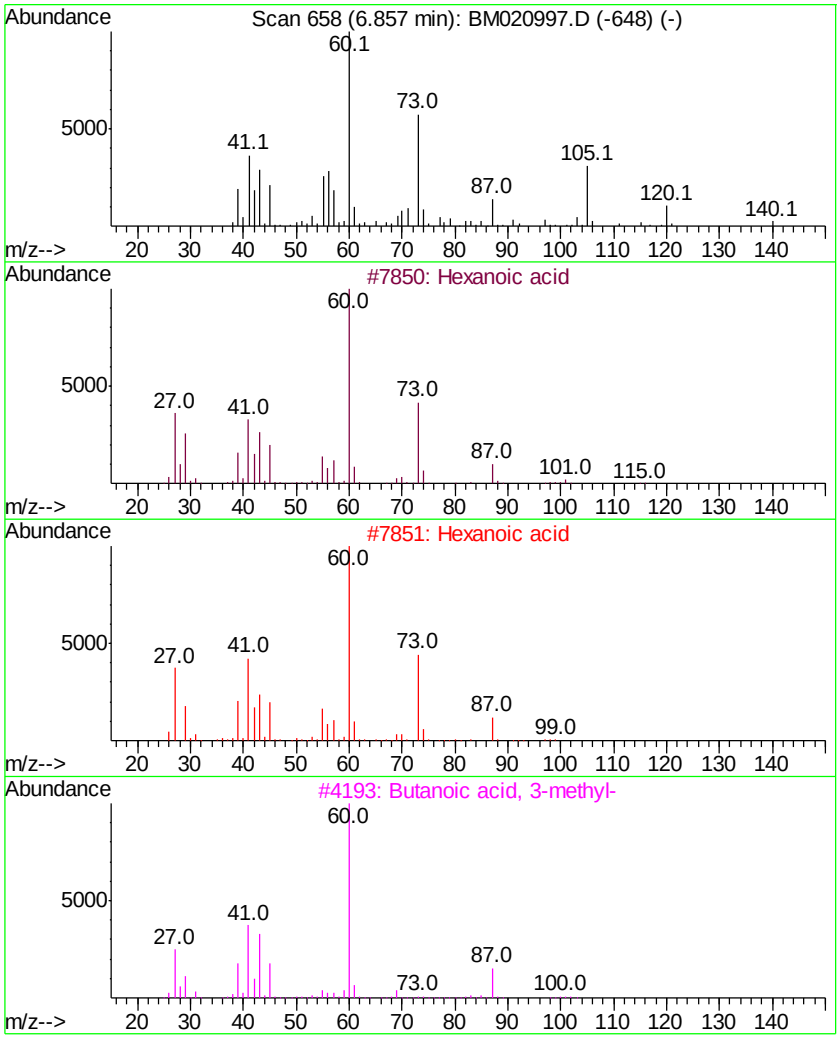
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

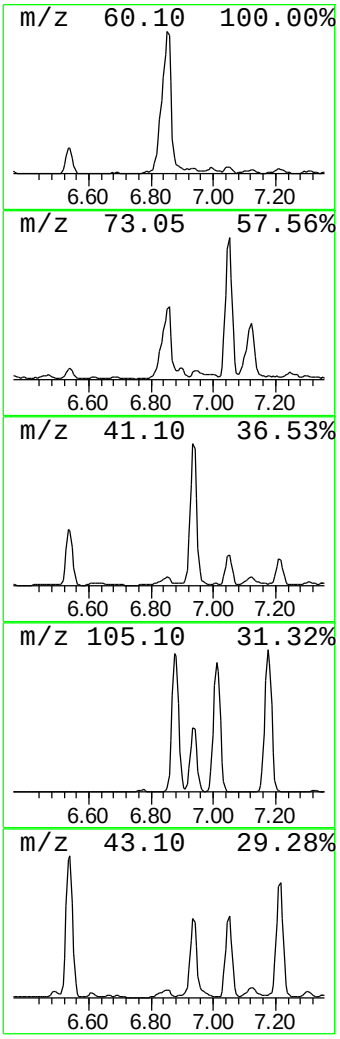
****

Peak Number 9 Hexanoic acid Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.68 ng/ul	455399	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	50
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
4	Octanoic Acid	144	C8H16O2	000124-07-2	40
5	Octanoic Acid	144	C8H16O2	000124-07-2	40





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Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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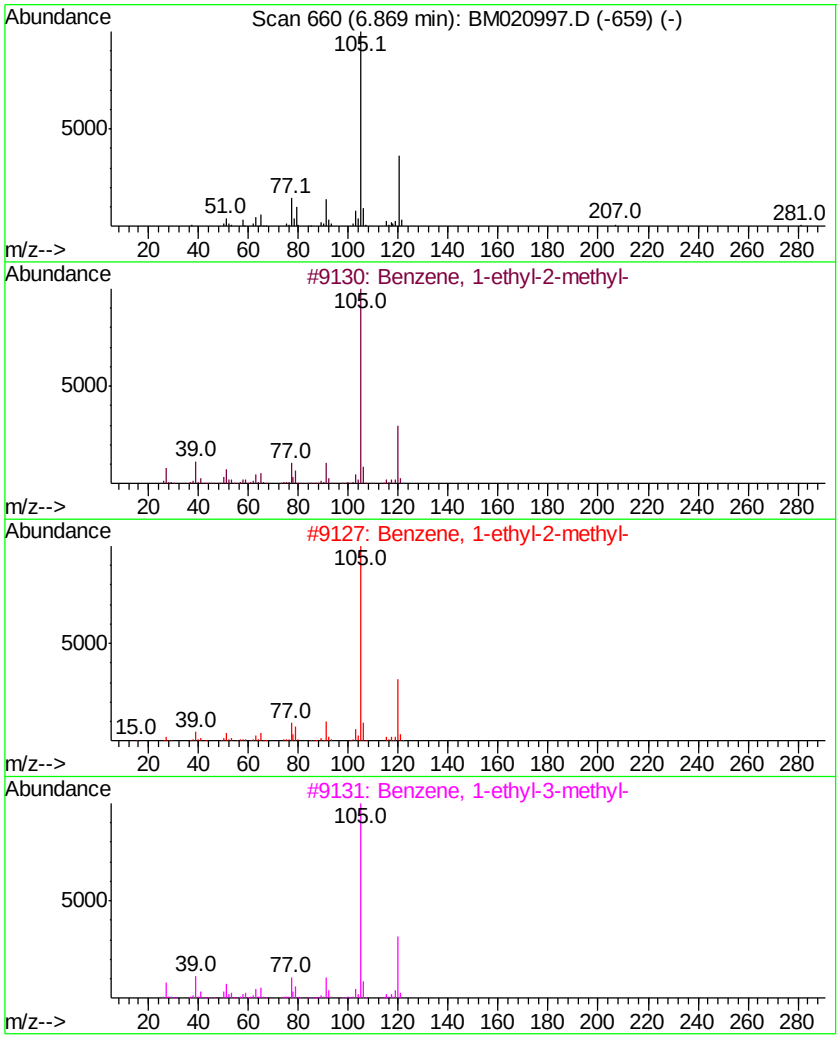
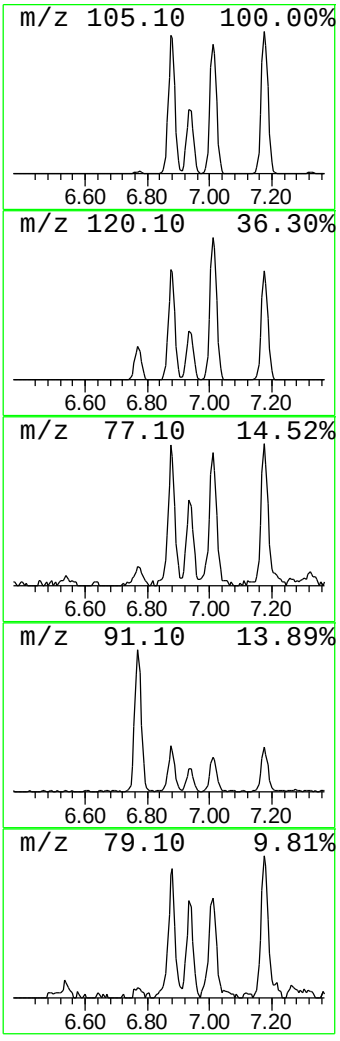
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.55 ng/ul	433033	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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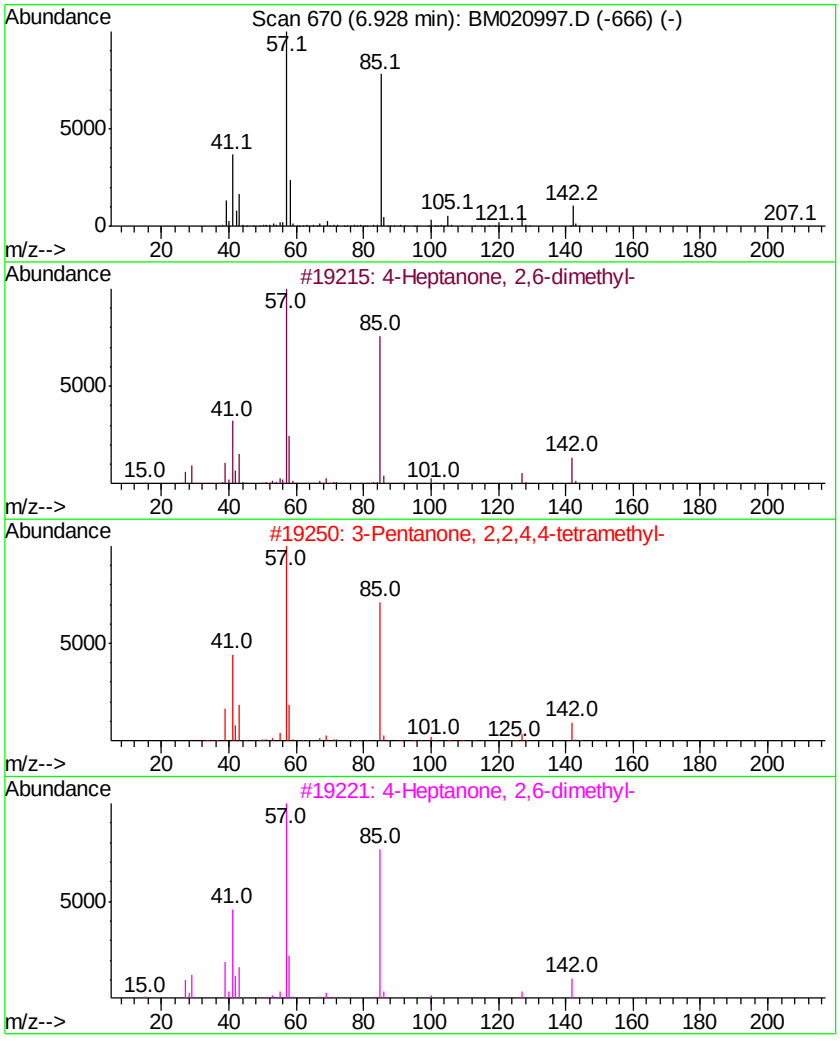
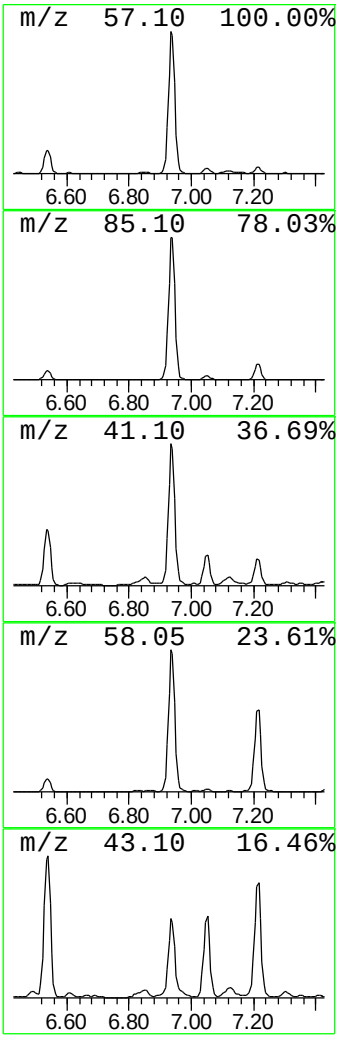
Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	25.07 ng/ul	4256470	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	50





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Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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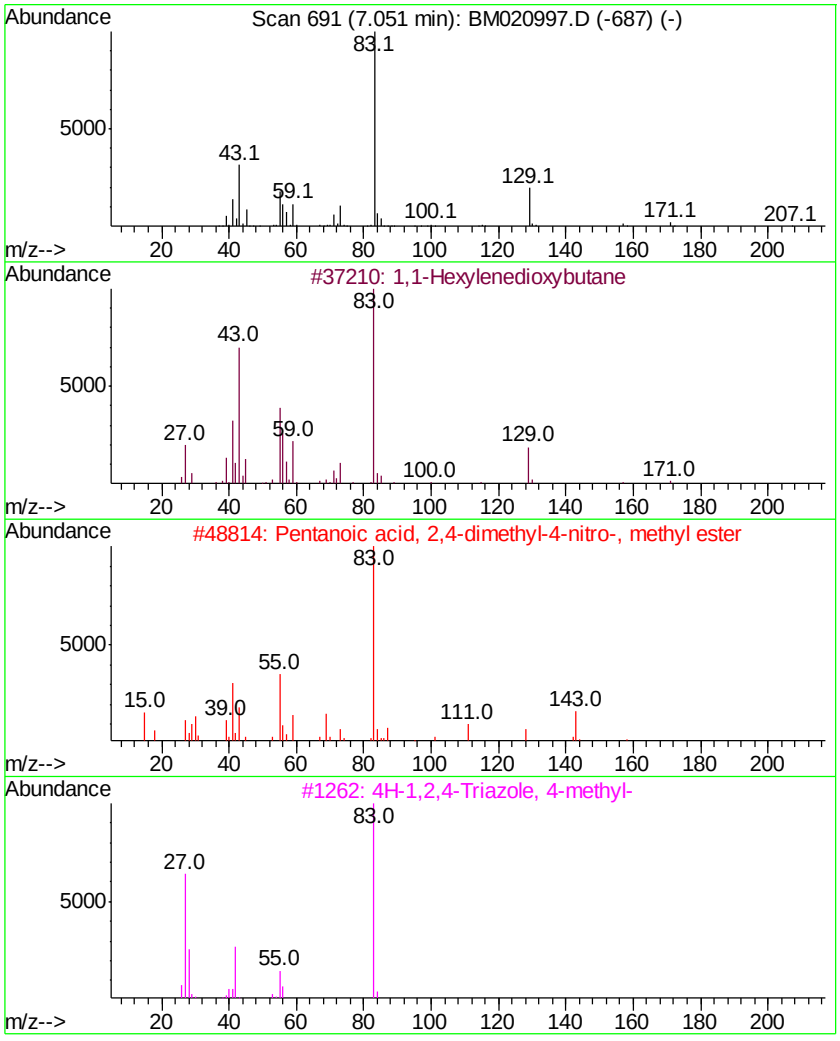
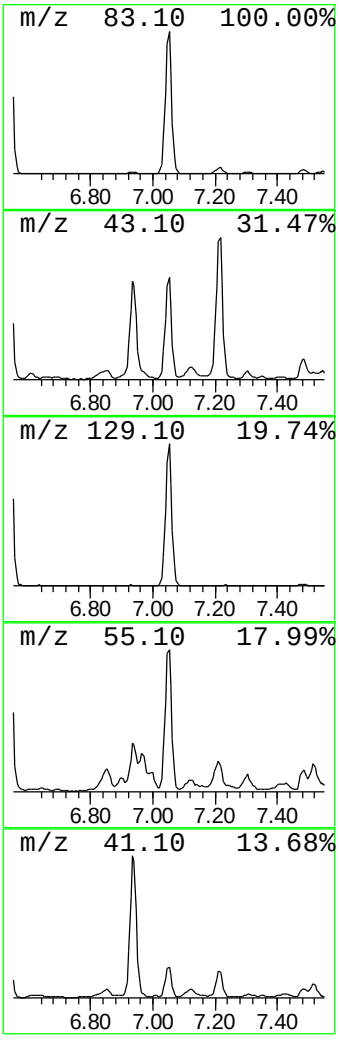
Peak Number 12 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	10.17 ng/ul	1726920	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	47
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
3	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
4	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	9





Library Search Compound Report

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Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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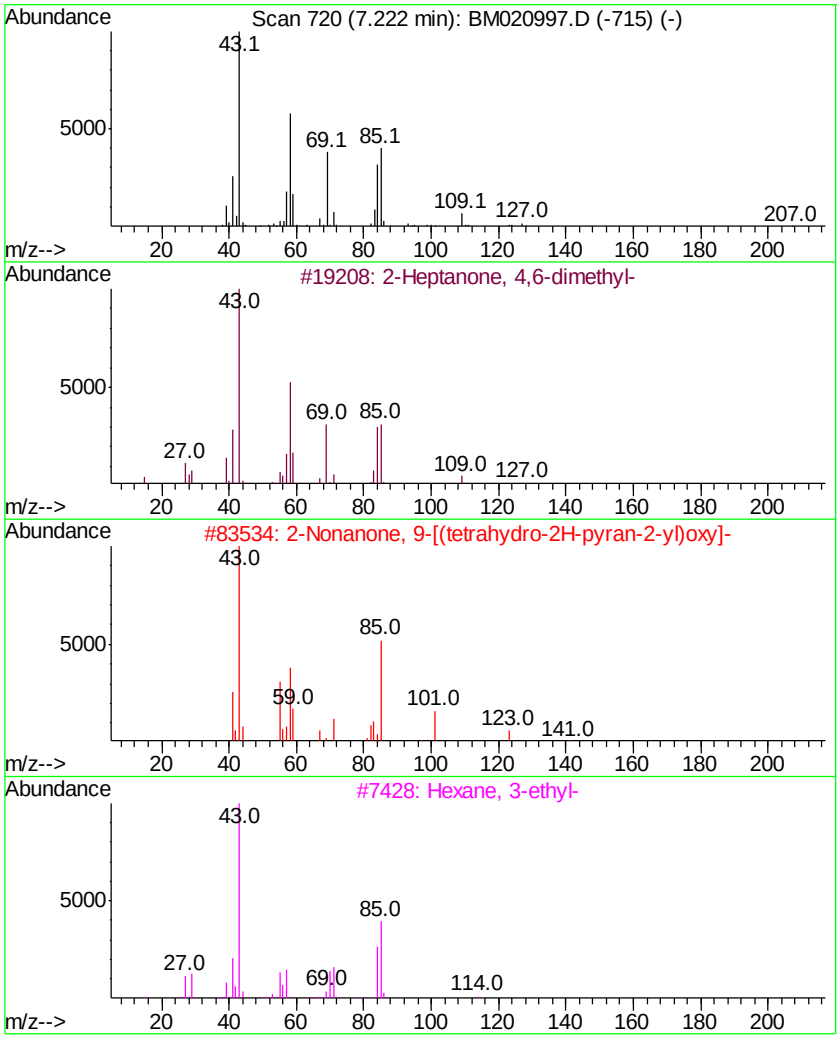
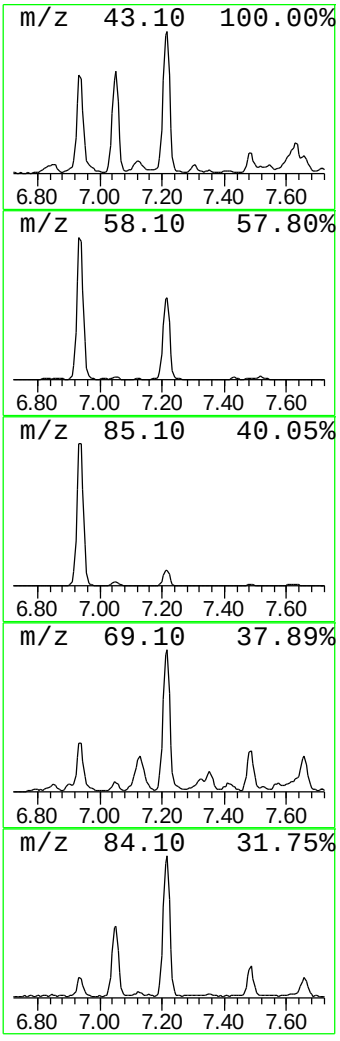
Peak Number 13 2-Heptanone, 4,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	6.92 ng/ul	1174710	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	39
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	2-Hexanone	100	C6H12O	000591-78-6	37
5	2-Heptanone	114	C7H14O	000110-43-0	37





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Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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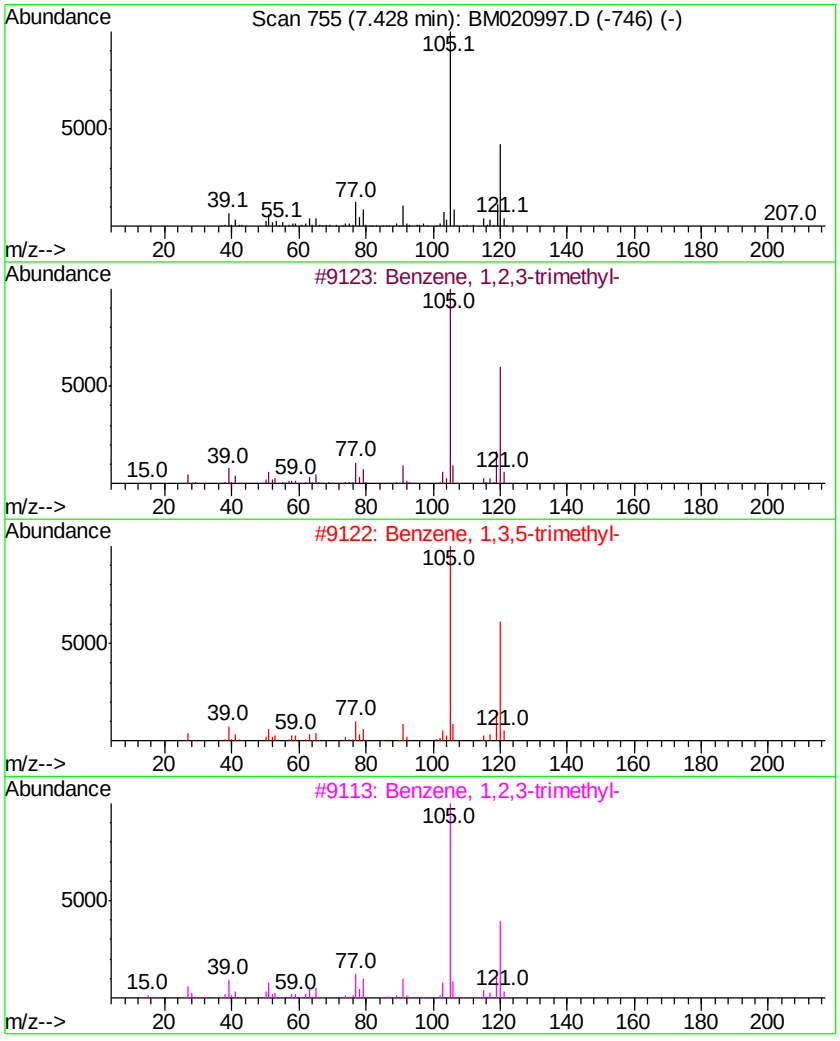
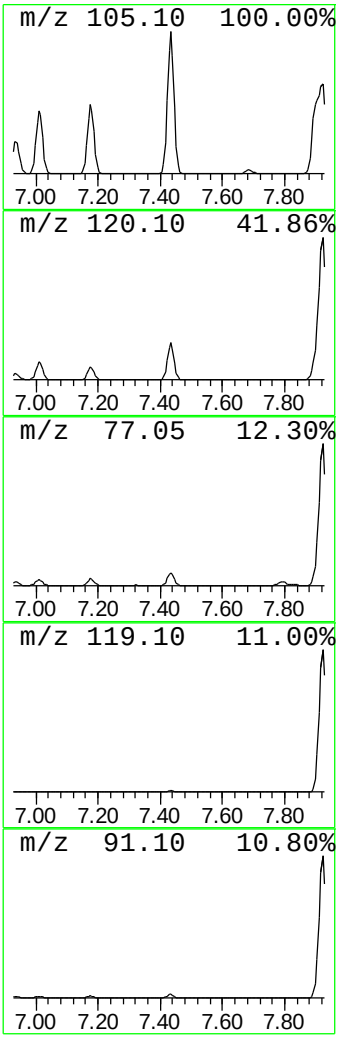
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	5.51 ng/ul	935327	1,4-Dichlorobenzene-d4	7.79

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	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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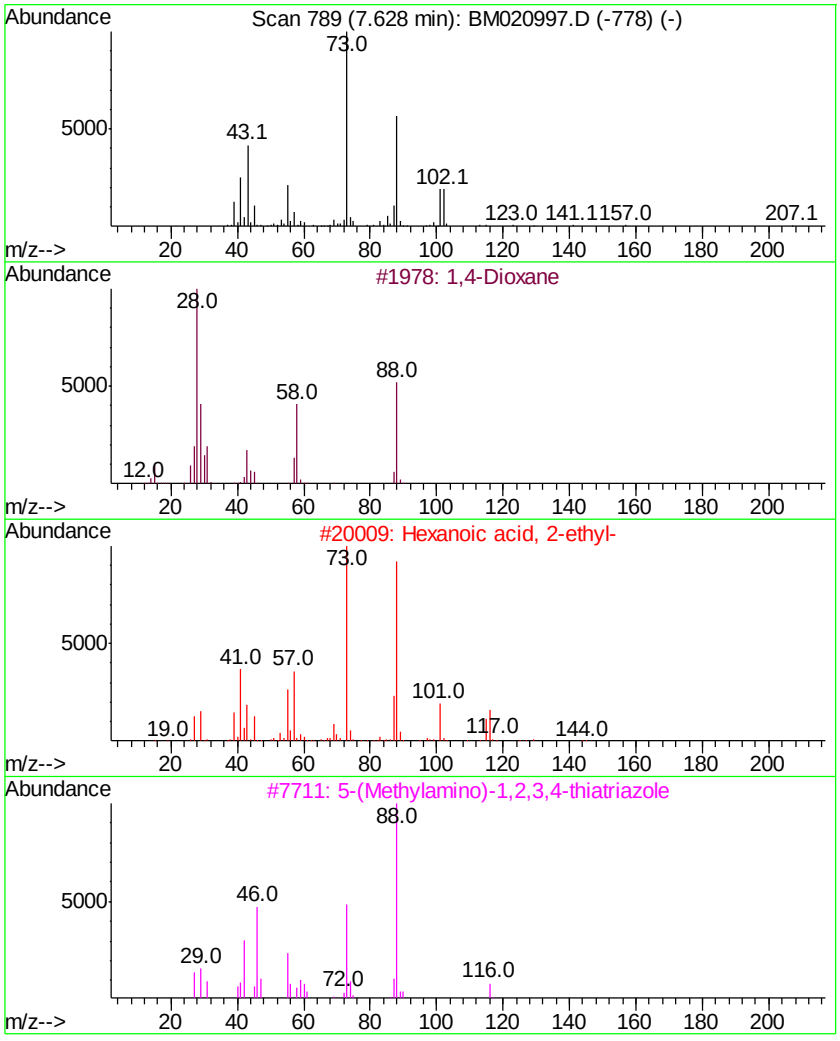
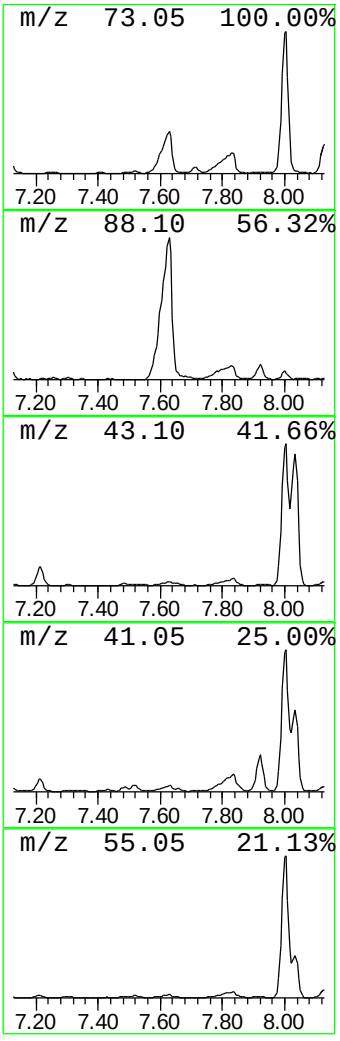
Peak Number 15 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	4.80 ng/ul	815263	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	38
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	28
3	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	28
4	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018524-86-2	28
5	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018450-78-7	28





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Sample : K3215-13DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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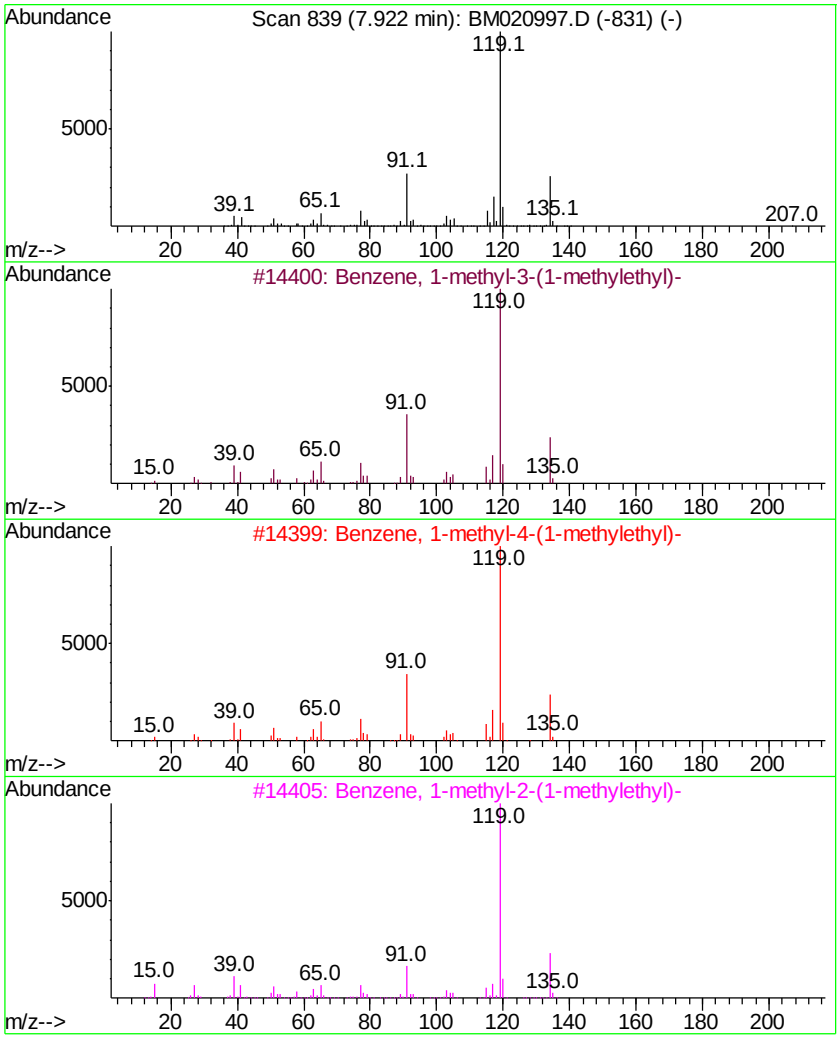
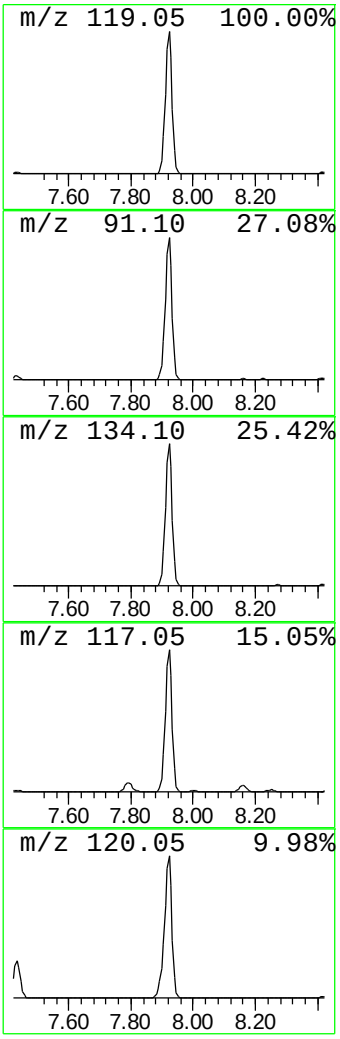
Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	84.23 ng/ul	14301000	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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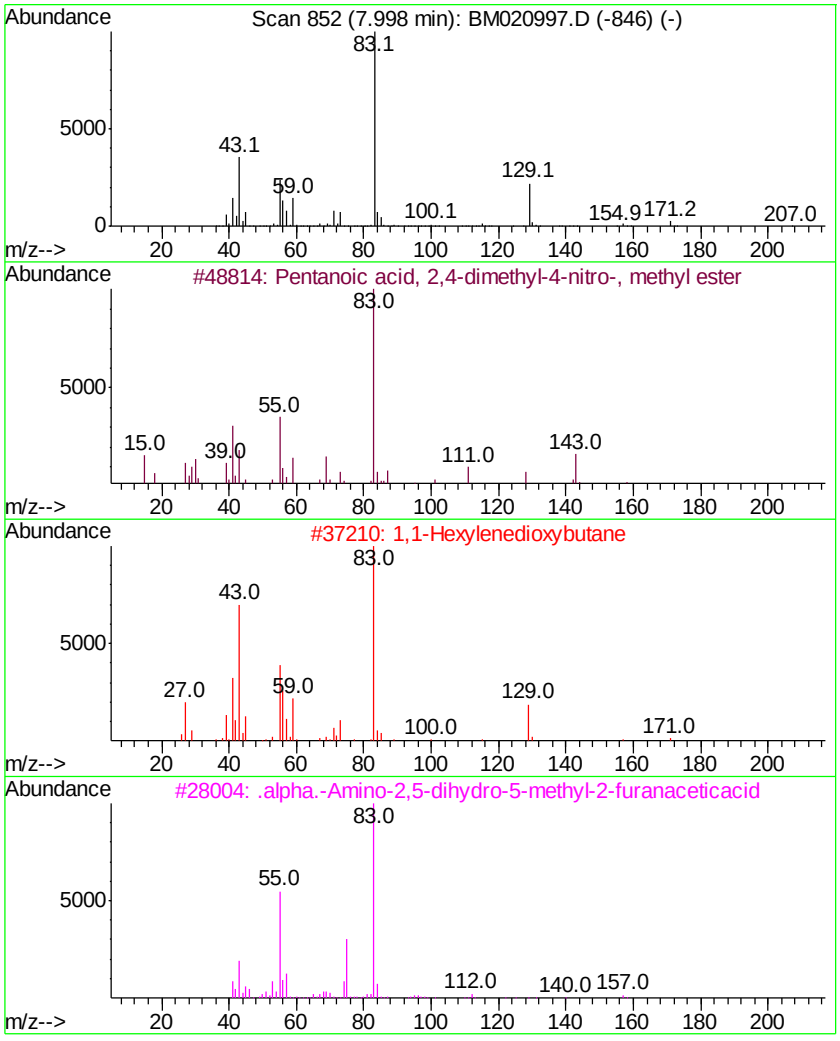
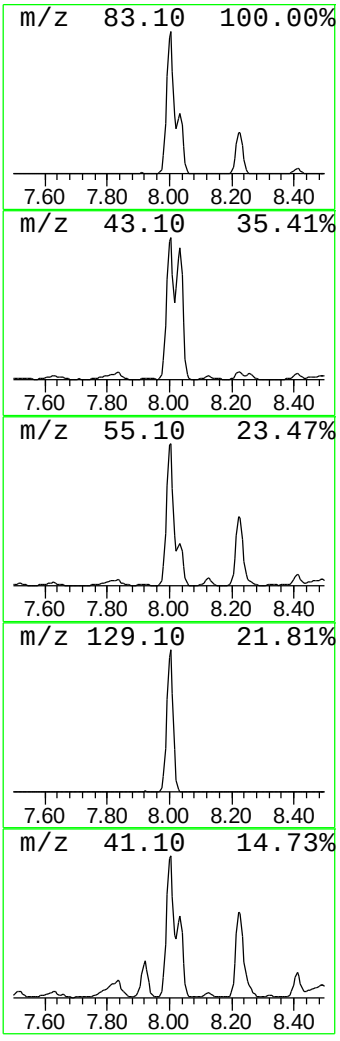
Peak Number 17 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	125.23 ng/ul	21263400	1,4-Dichlorobenzene-d4	7.79

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	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	9
5	2-Butynoic acid, 4-[(tetrahydro-...	198	C10H14O4	069511-49-5	9





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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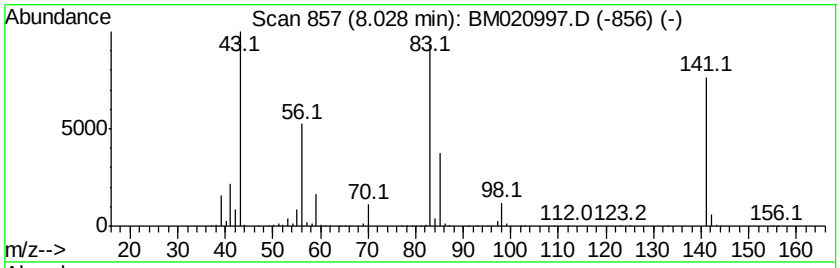
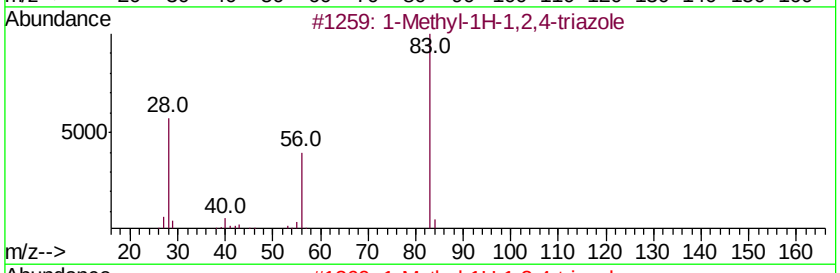
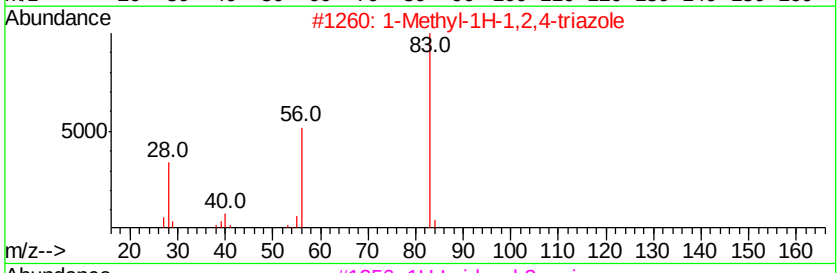
Peak Number 18 unknown-05 Concentration Rank 6

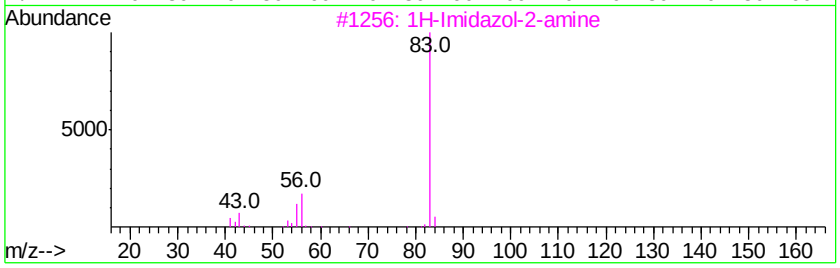
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	50.72 ng/ul	8611410	1,4-Dichlorobenzene-d4	7.79

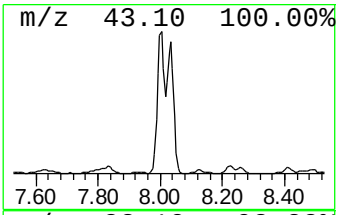
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	38
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	35
3	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	12
4	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	10
5	1,3,2-Dioxaborinane, 2-ethyl-5,5...	142	C7H15BO2	057186-59-1	9

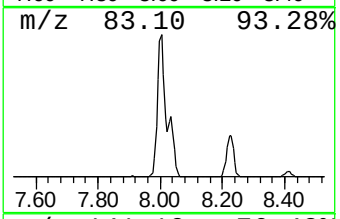


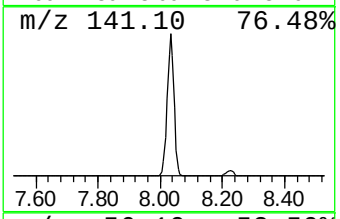


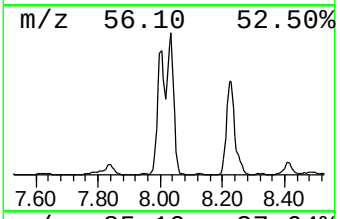


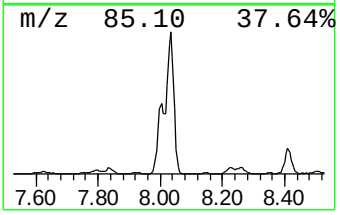












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Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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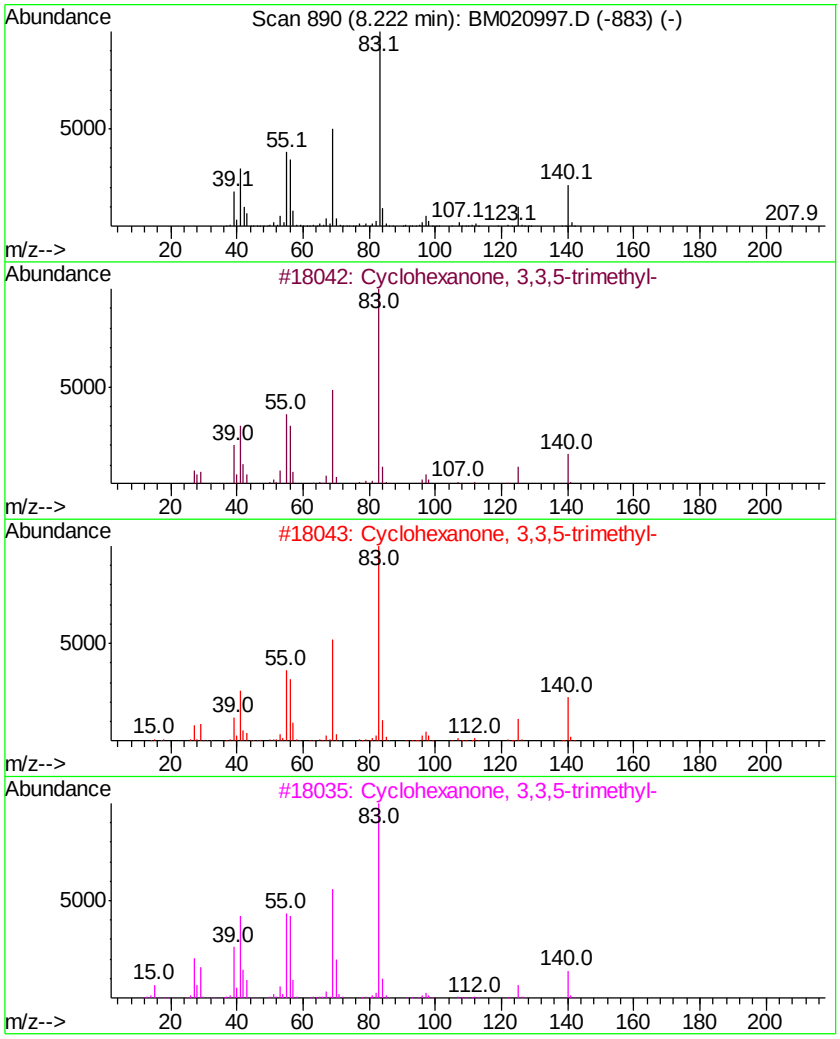
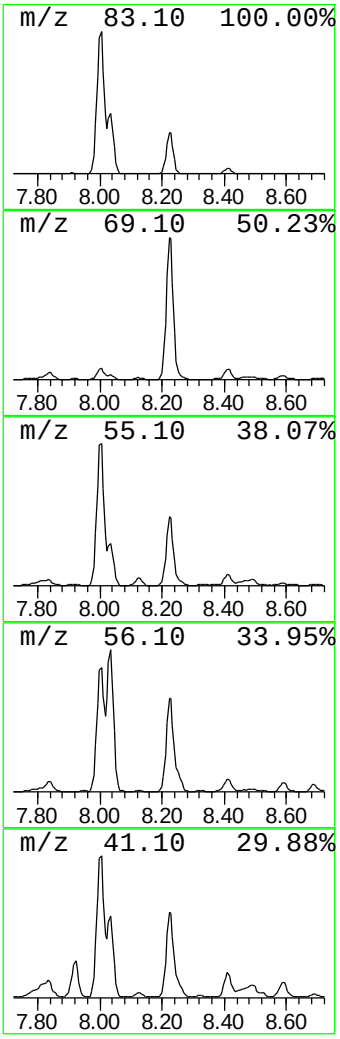
Peak Number 19 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	52.50 ng/ul	8914600	1,4-Dichlorobenzene-d4	7.79

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	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59





Library Search Compound Report

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Sample : K3215-13DL 10X
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Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

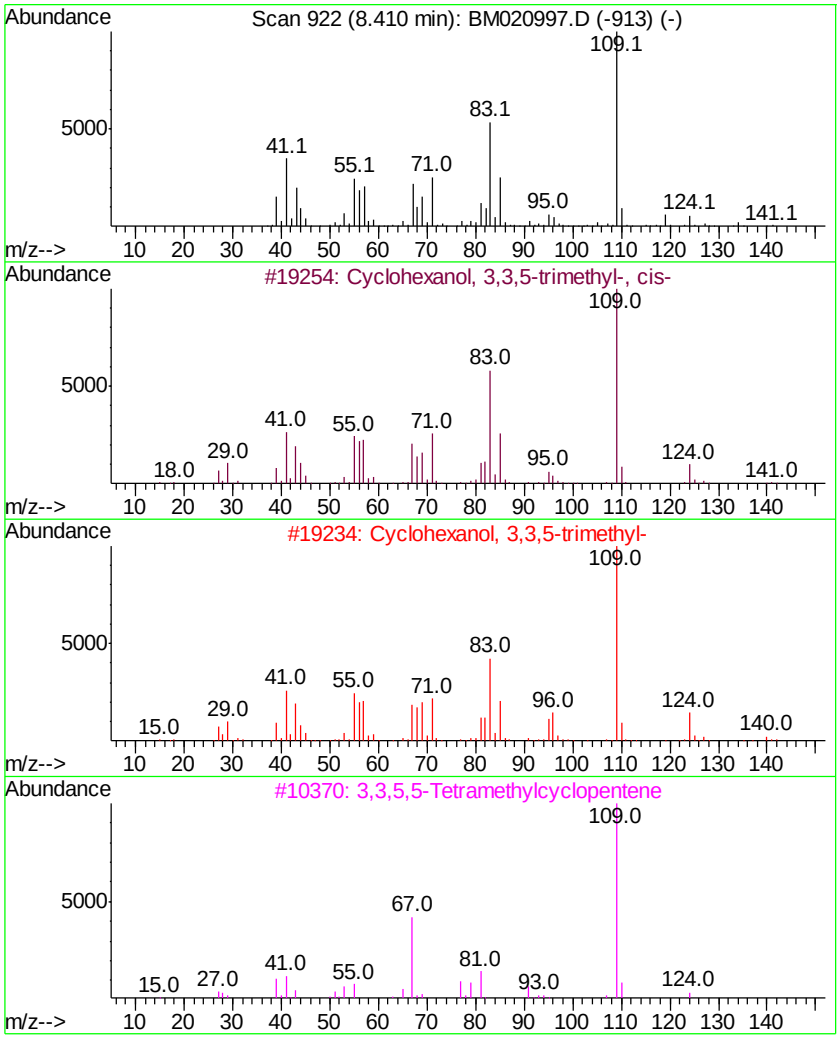
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

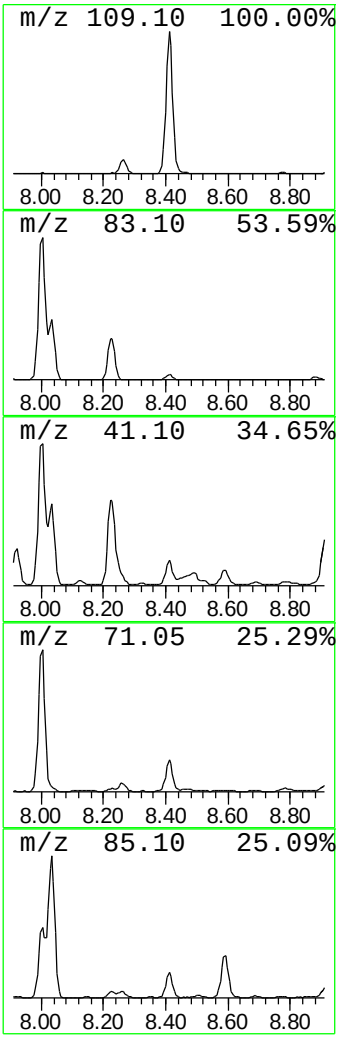
****

Peak Number 20 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	16.40 ng/ul	2784300	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	90
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	64
3	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	43
4	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	43
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	38





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Sample : K3215-13DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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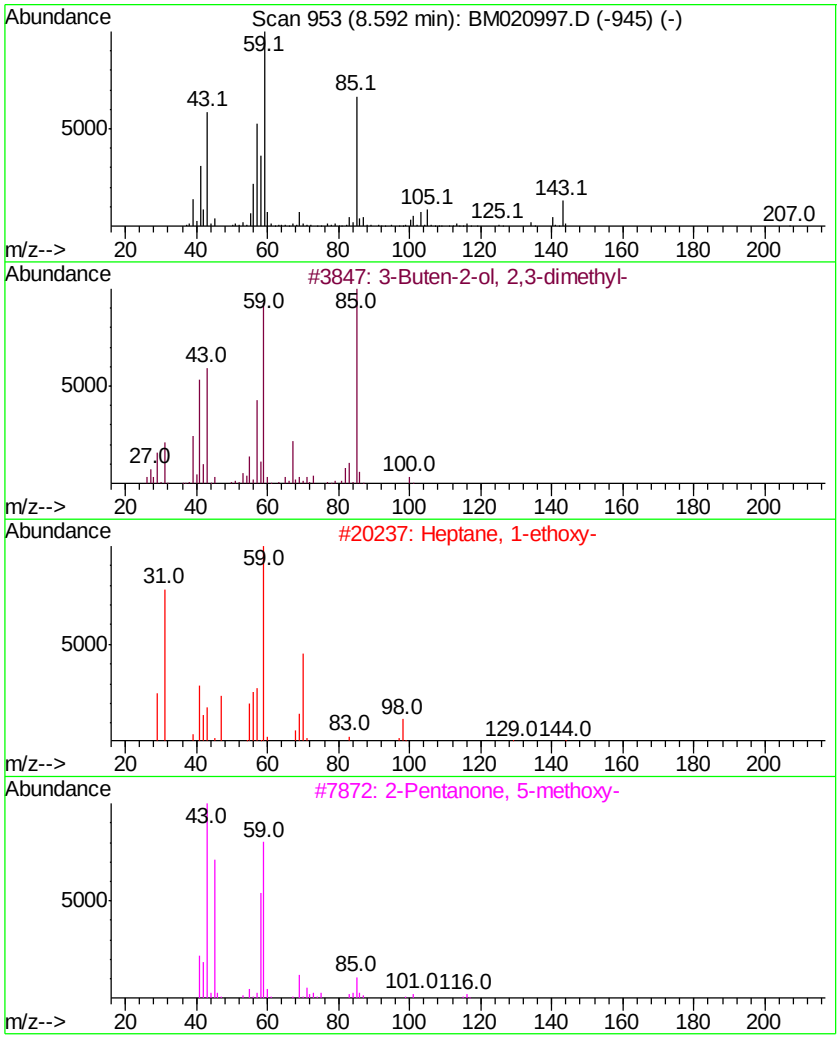
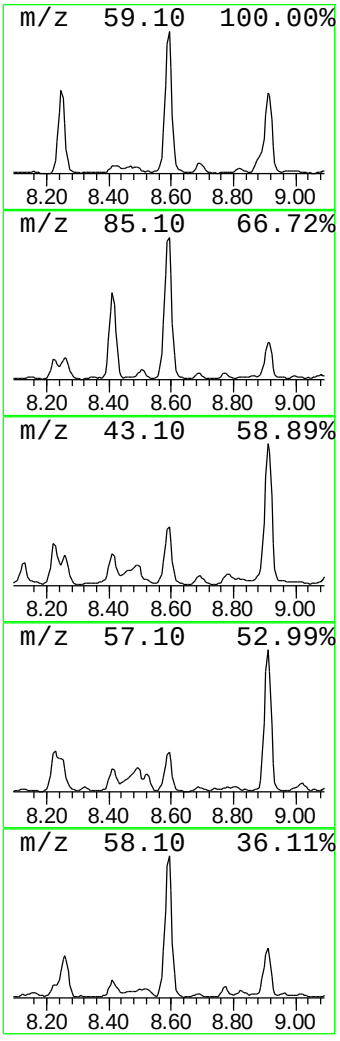
Peak Number 21 3-Buten-2-ol, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	10.73 ng/ul	1821080	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
2	Heptane, 1-ethoxy-	144	C9H20O	001969-43-3	38
3	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	22
4	Isothiazole	85	C3H3NS	000288-16-4	14
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14





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Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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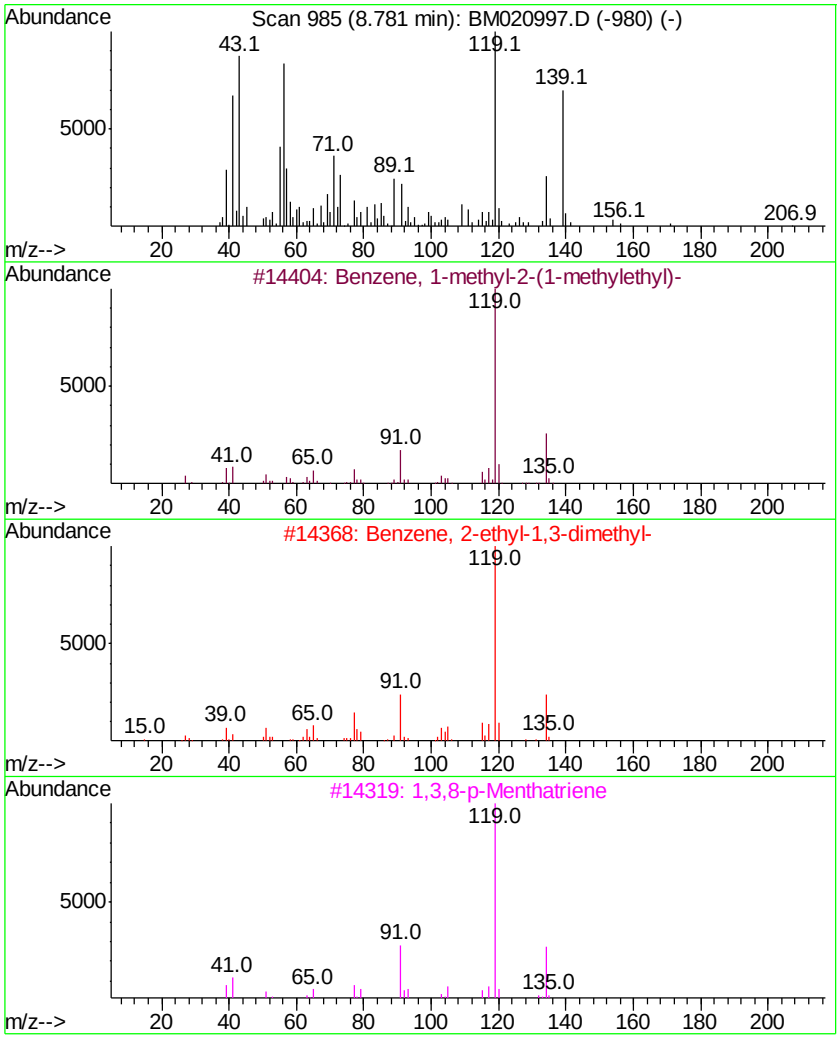
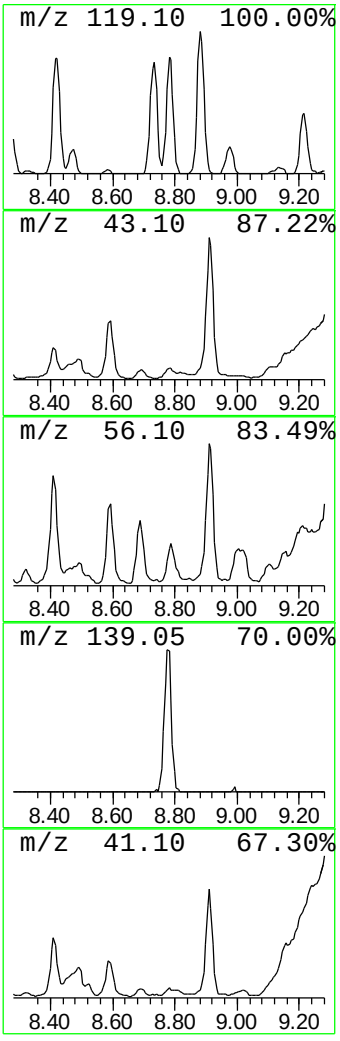
Peak Number 22 Benzene, 1-methyl-2-(1-meth... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	2.94 ng/ul	498639	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	74
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
3	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	38





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Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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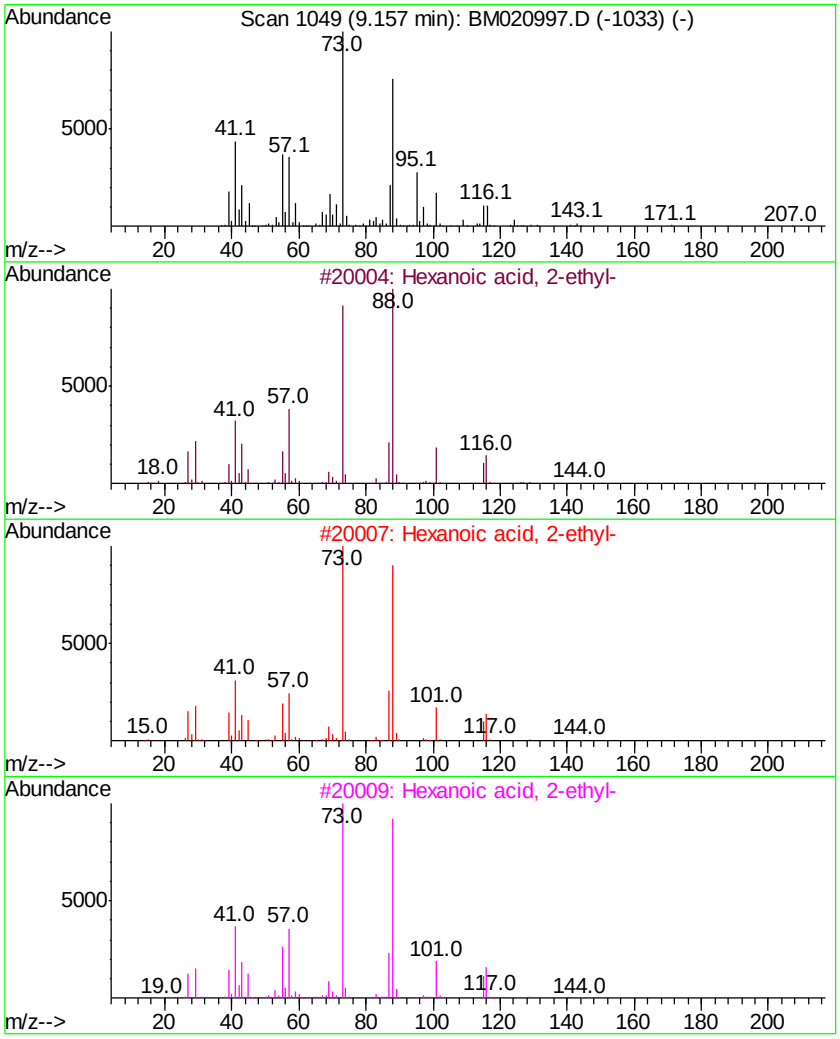
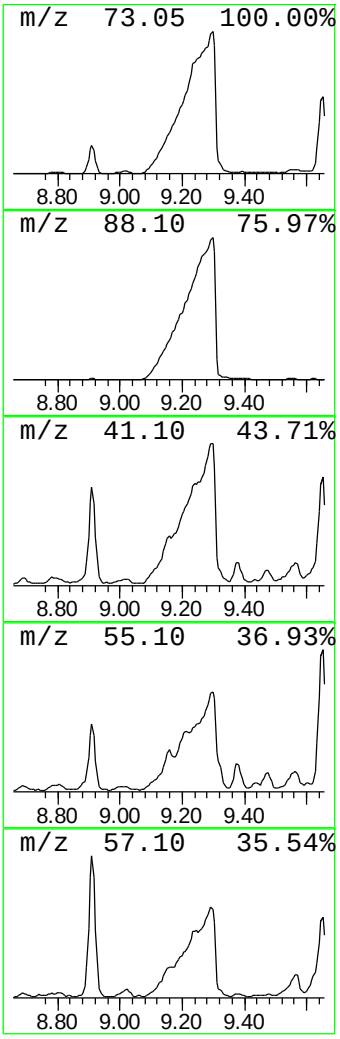
Peak Number 23 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	21.72 ng/ul	3687490	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	94
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	93
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	47





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Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

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Quant Title : SVOA CALIBRATION

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

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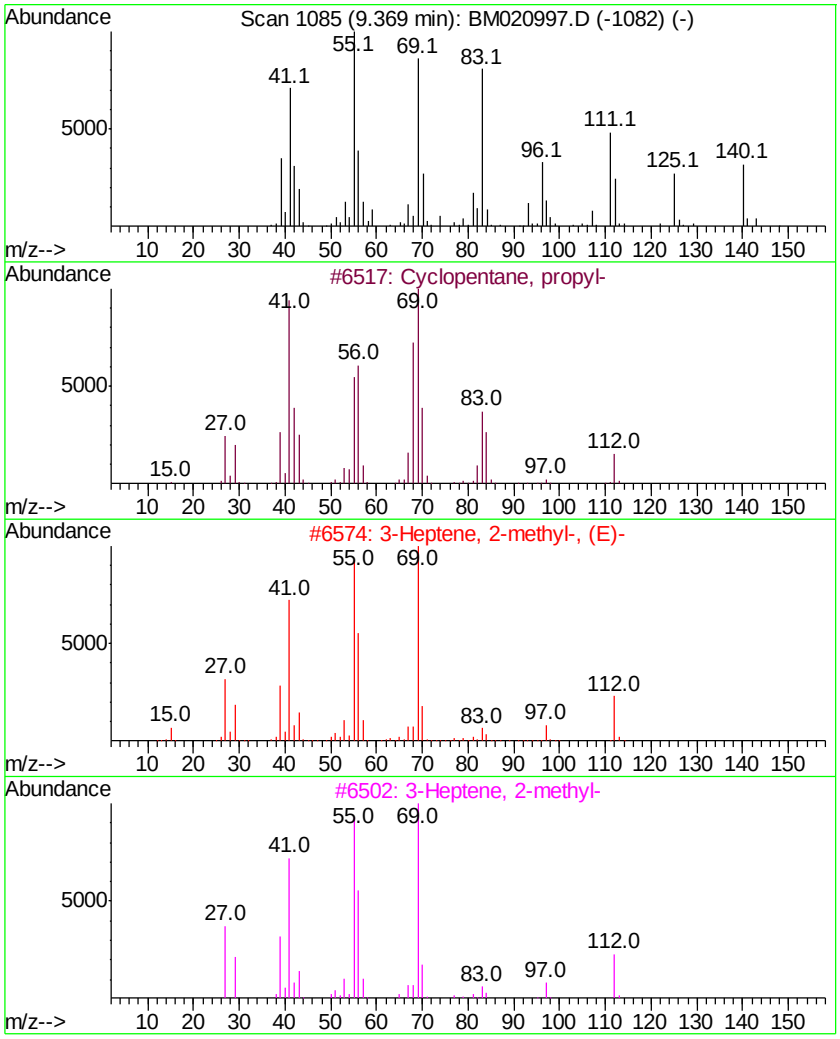
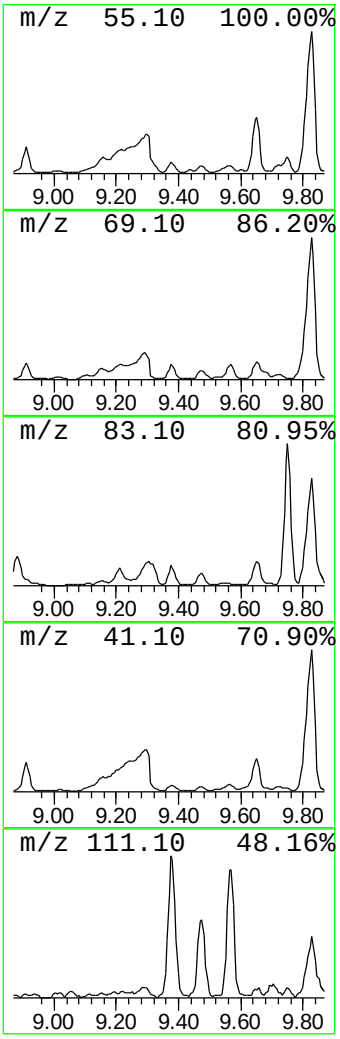
Peak Number 25 (DEL) Alkane: Cyclic9.37 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	4.41 ng/ul	718868	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	50
2	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
3	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
4	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	42
5	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	42





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Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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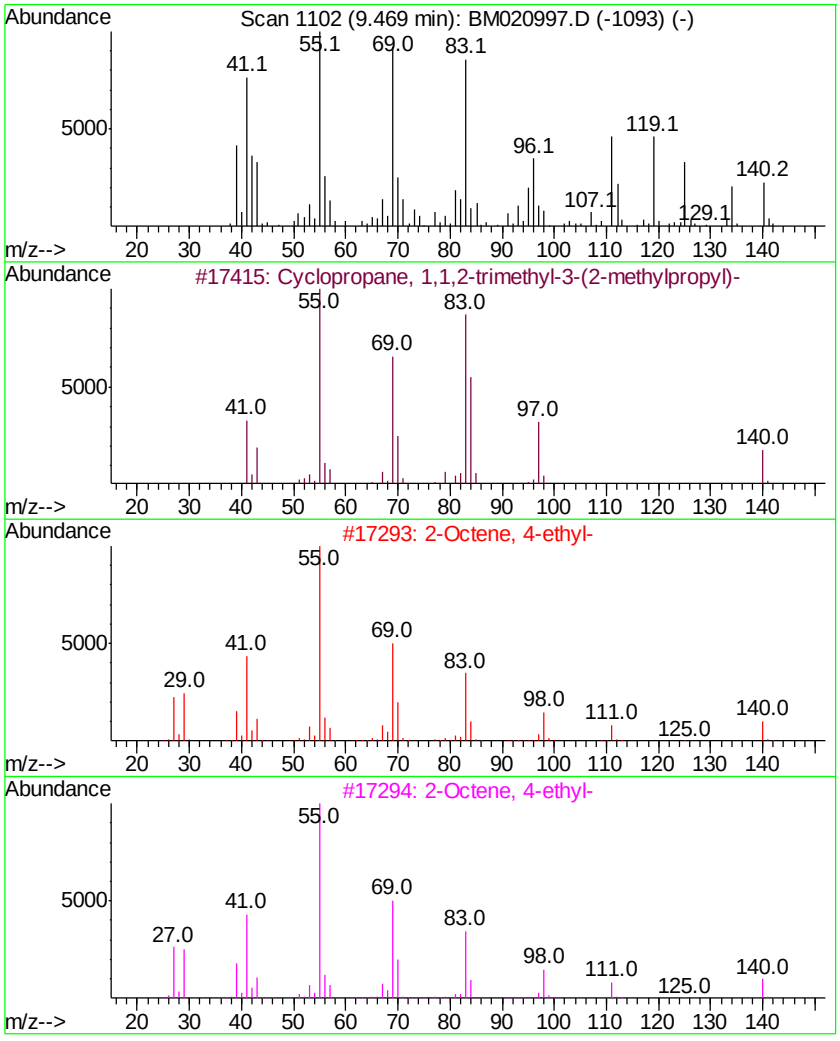
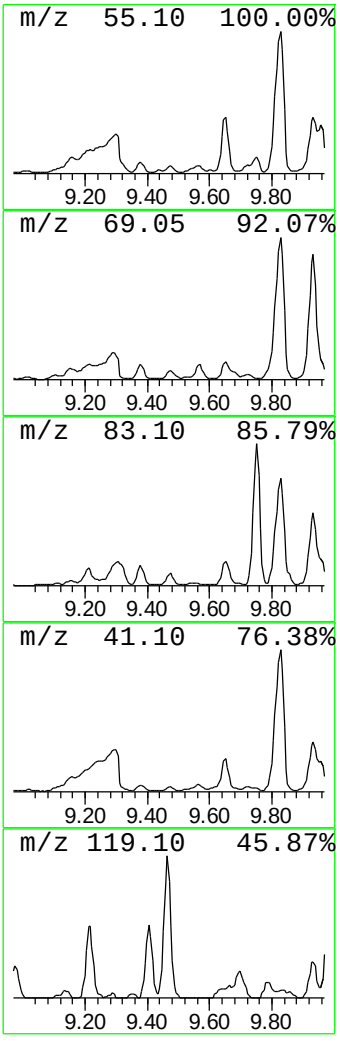
Peak Number 26 (DEL) Alkane: Cyclic9.47 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	3.84 ng/ul	625209	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	49
2	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	46
3	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	46
4	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	41
5	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	35





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Misc :
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Quant Title : SVOA CALIBRATION

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

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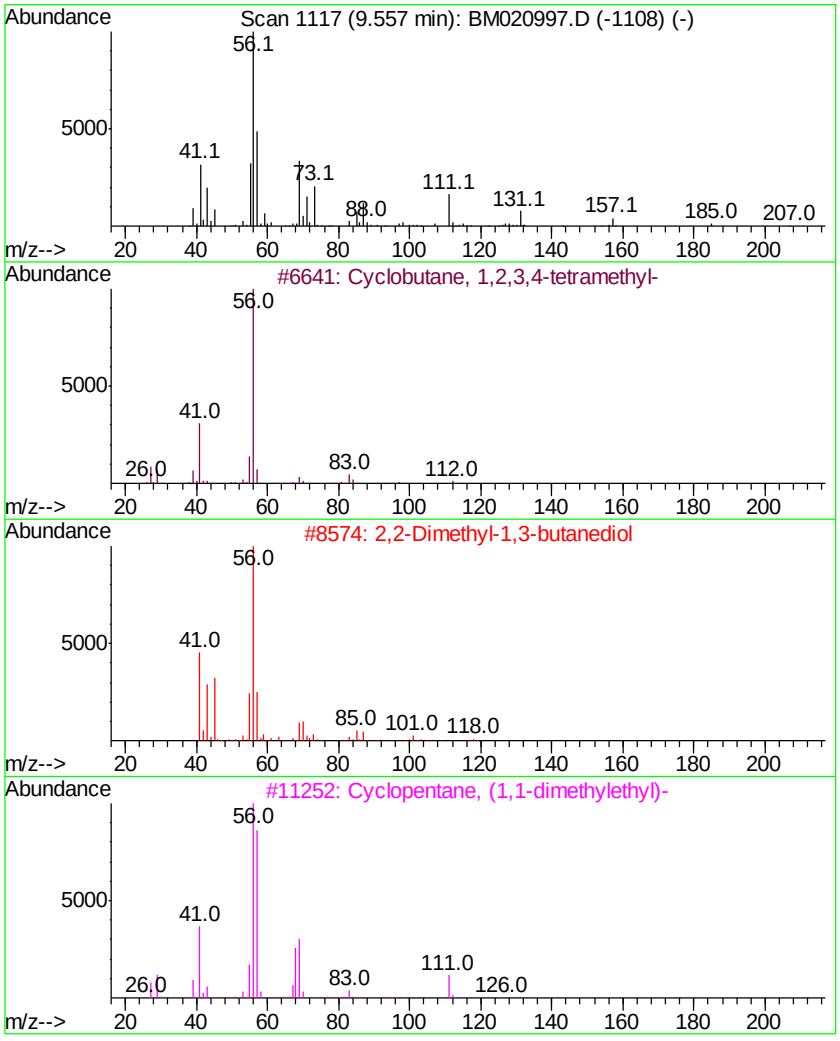
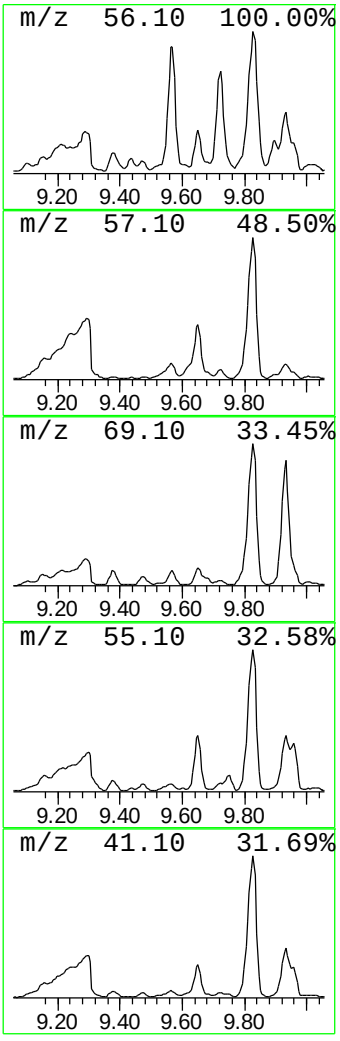
Peak Number 27 (DEL) Alkane: Cyclic9.56 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	6.53 ng/ul	1063950	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	37
2	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	36
3	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	28
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	25
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	16





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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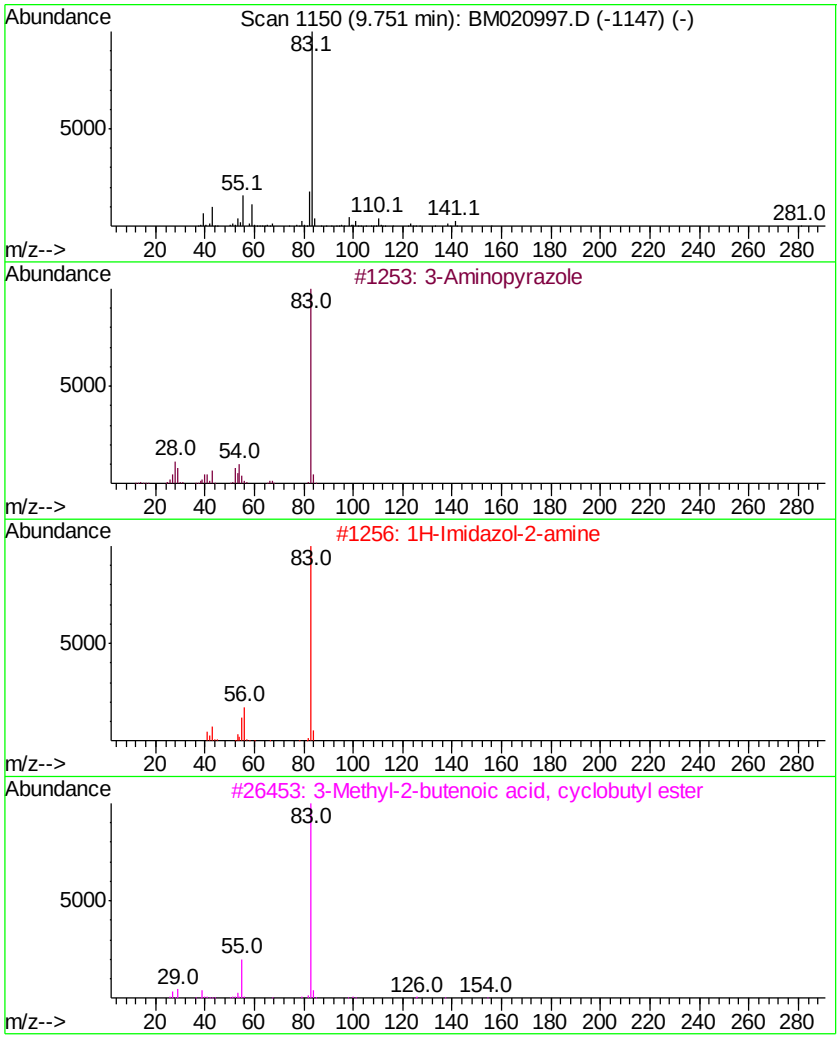
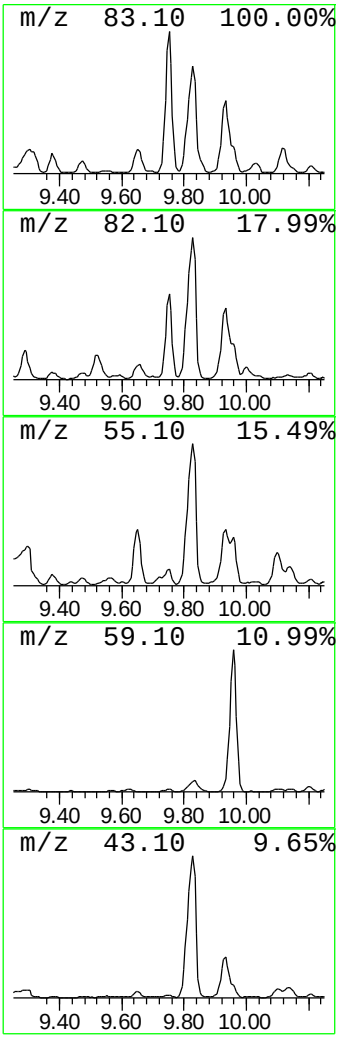
Peak Number 28 3-Aminopyrazole Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	5.23 ng/ul	852308	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminopyrazole	83	C3H5N3	001820-80-0	50
2	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	40
3	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	33
4	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	32
5	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9





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Quant Title : SVOA CALIBRATION

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

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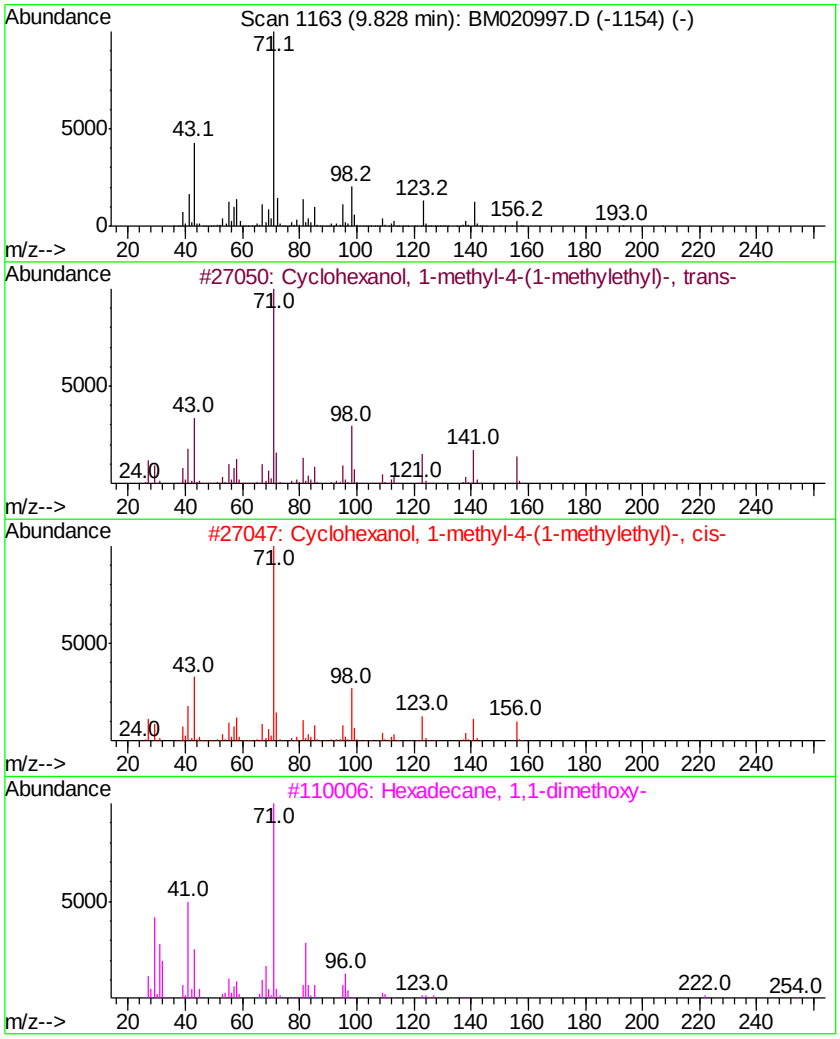
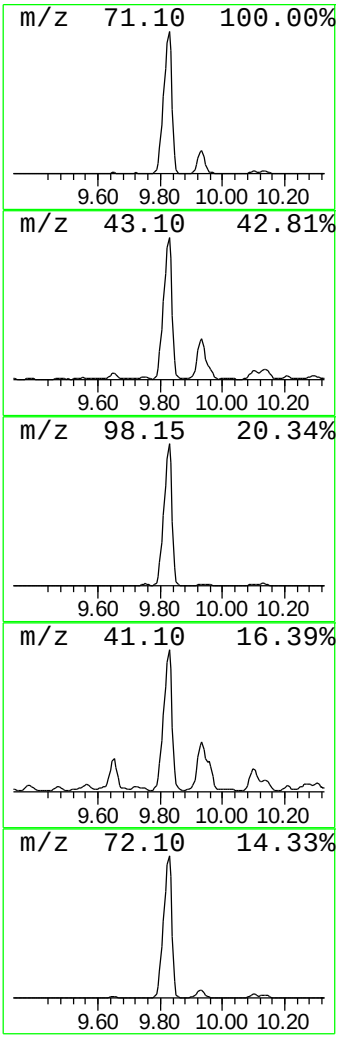
Peak Number 29 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	255.81 ng/ul	41701800	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	91
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	90
3	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	53
4	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	49
5	2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	43





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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

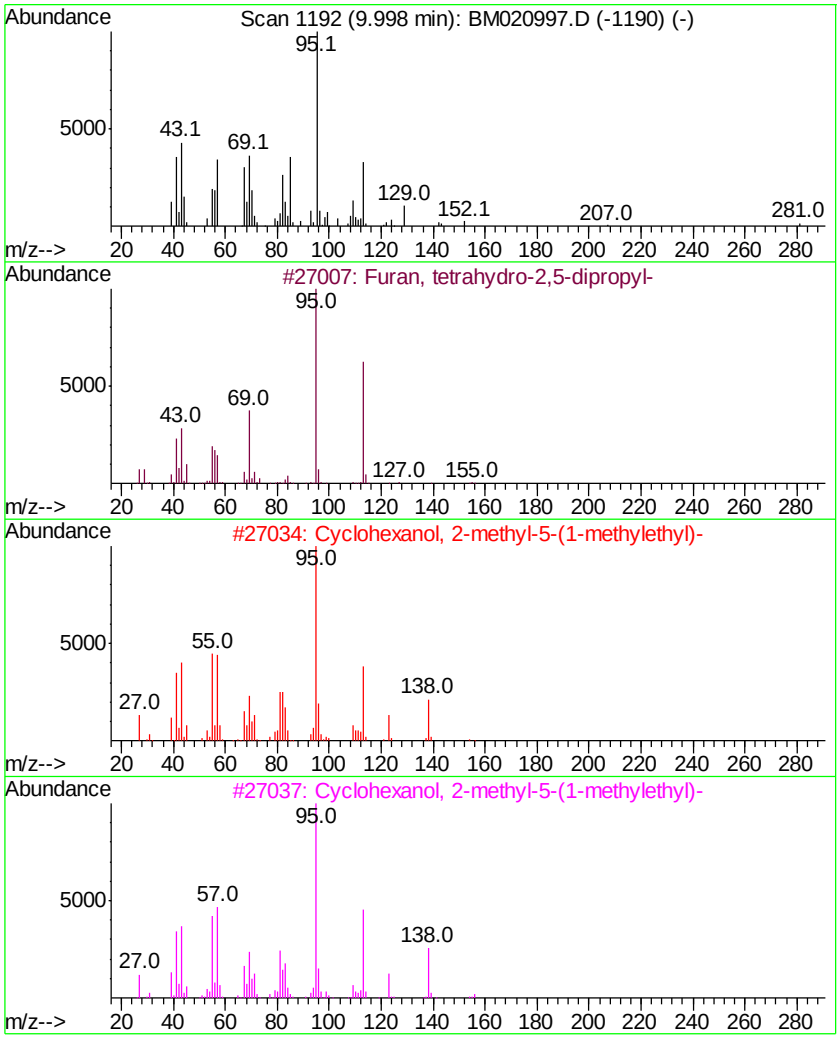
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

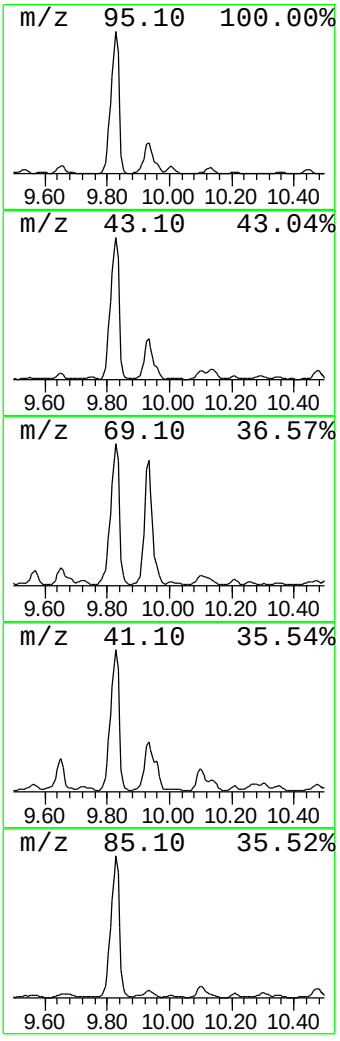
****

Peak Number 30 Furan, tetrahydro-2,5-dipro... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.46 ng/ul	564709	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dipropyl-	156	C10H20O	004457-62-9	50
2	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	060320-28-7	47
3	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	060320-28-7	47
4	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	000499-69-4	38
5	2-Furancarboxylic acid, tetradec...	308	C19H32O3	1000278-99-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

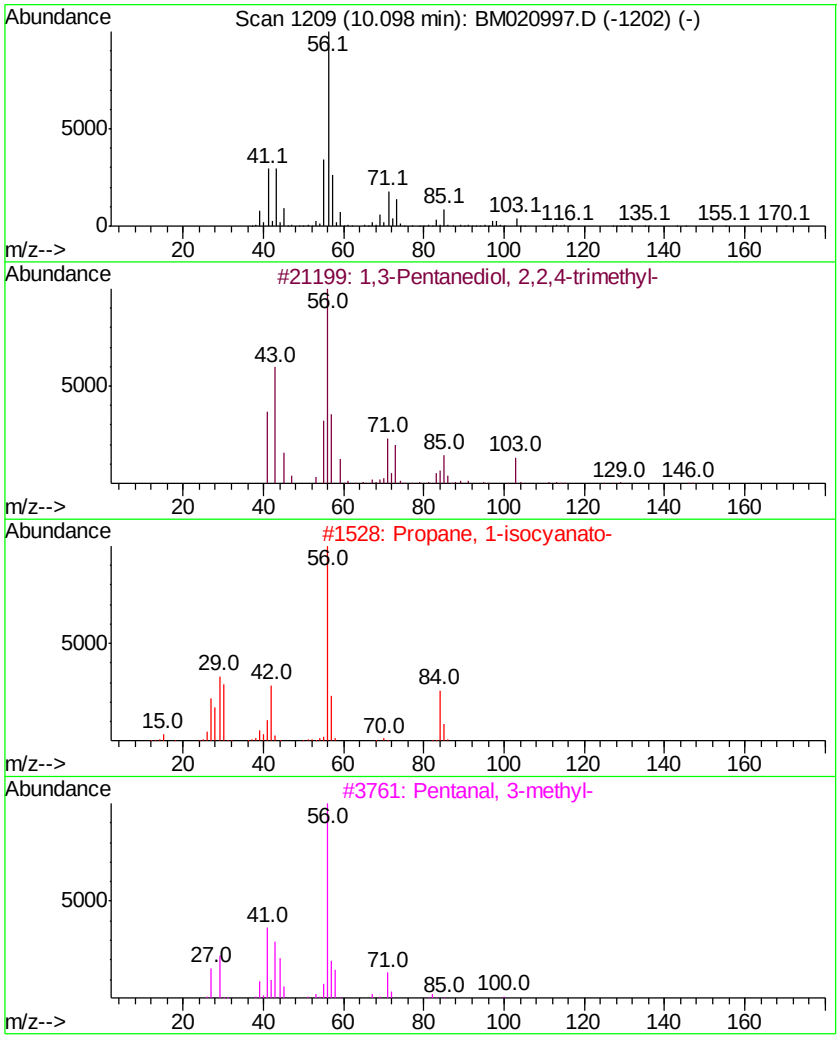
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

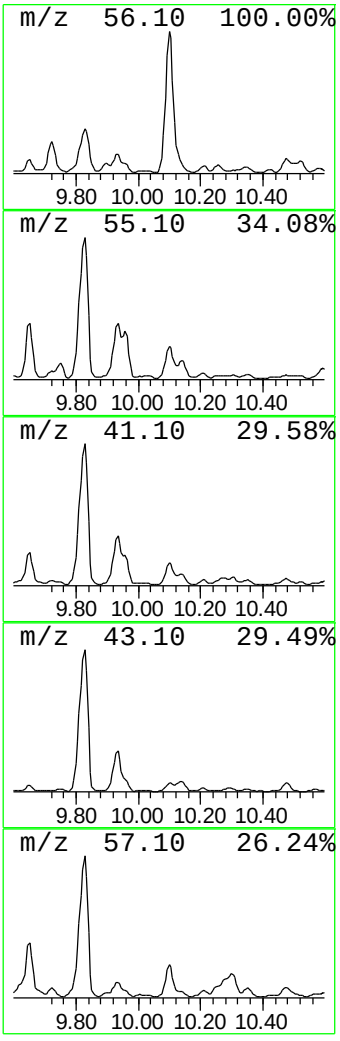
****

Peak Number 31 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	19.97 ng/ul	3255820	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	50
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

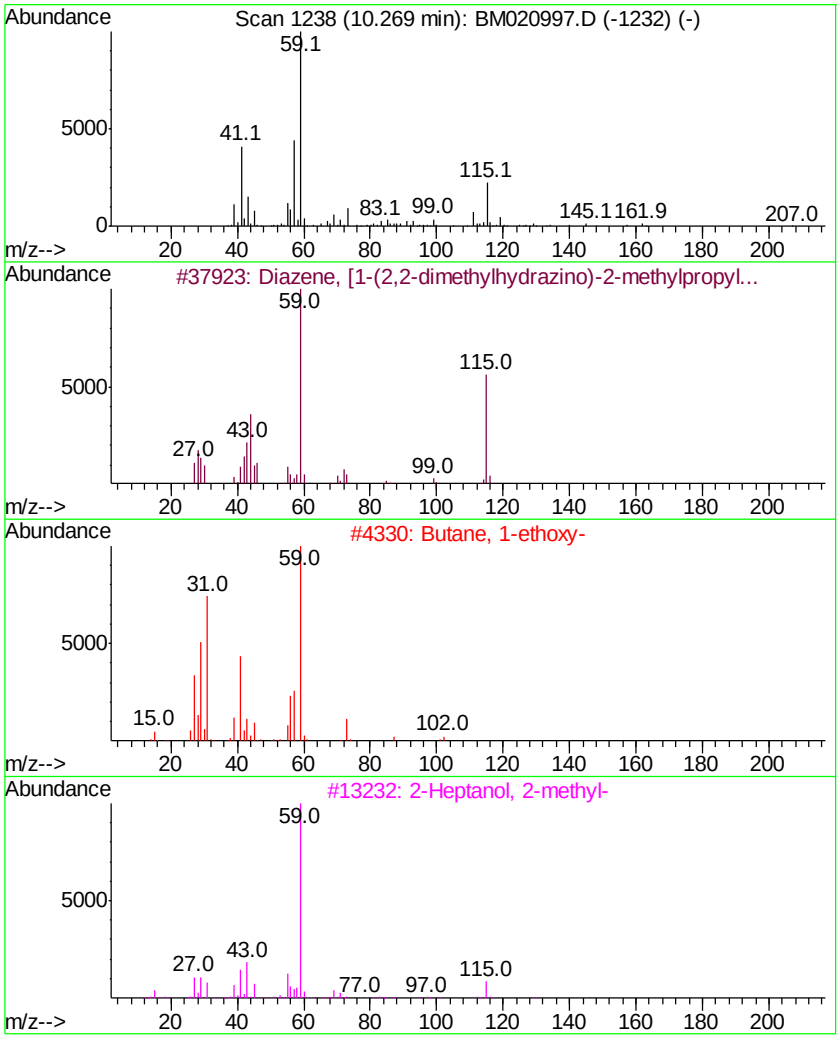
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

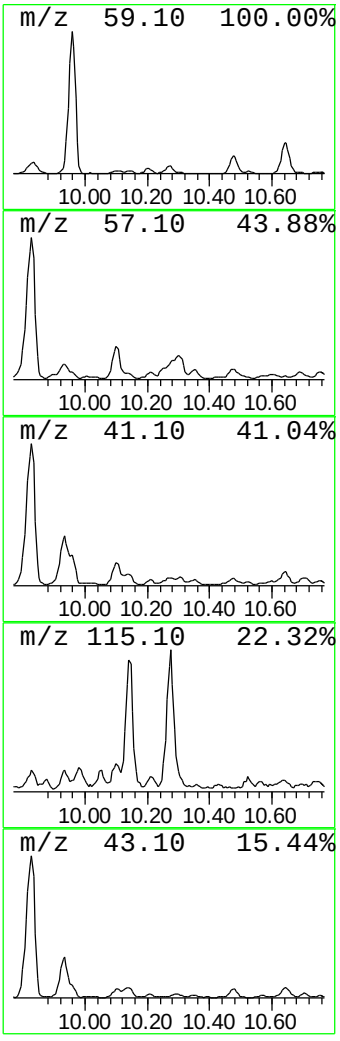
****

Peak Number 32 Diazene, [1-(2,2-dimethylhy... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	5.14 ng/ul	837852	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, [1-(2,2-dimethylhydrazi...	172	C8H20N4	061940-94-1	56
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	50
3	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	50
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50





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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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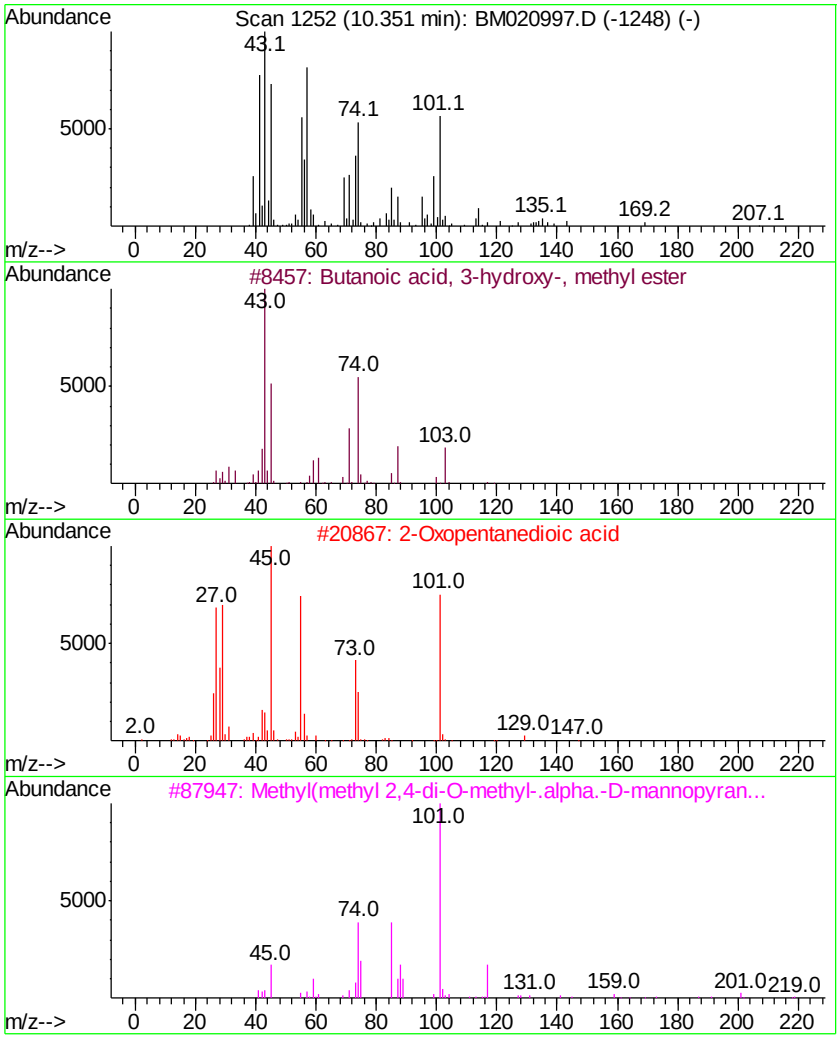
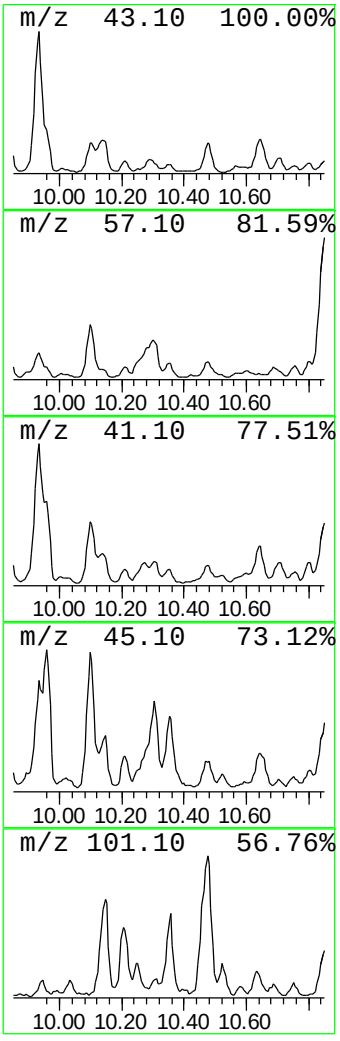
Peak Number 33 unknown-06 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.64 ng/ul	593517	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-hydroxy-, methy...	118	C5H10O3	001487-49-6	43
2	2-Oxopentanedioic acid	146	C5H6O5	000328-50-7	43
3	Methyl(methyl 2,4-di-O-methyl-.a...	250	C10H18O7	089177-24-2	40
4	Fructofuranose, 2,6-anhydro-1,3,...	204	C9H16O5	004451-11-0	38
5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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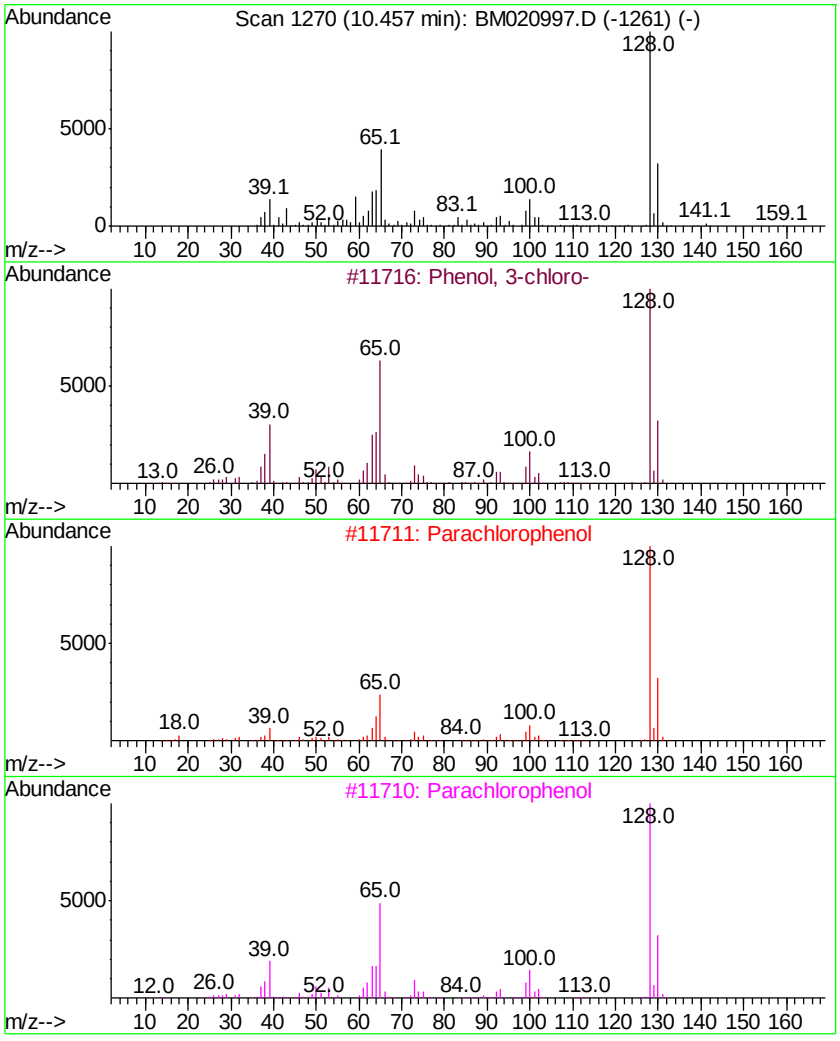
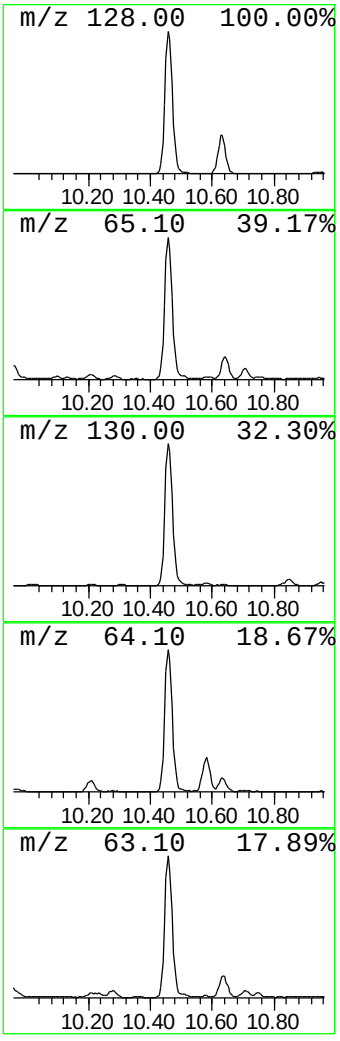
Peak Number 34 Phenol, 3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	25.29 ng/ul	4123510	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	95
2	Parachlorophenol	128	C6H5ClO	000106-48-9	93
3	Parachlorophenol	128	C6H5ClO	000106-48-9	93
4	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	89
5	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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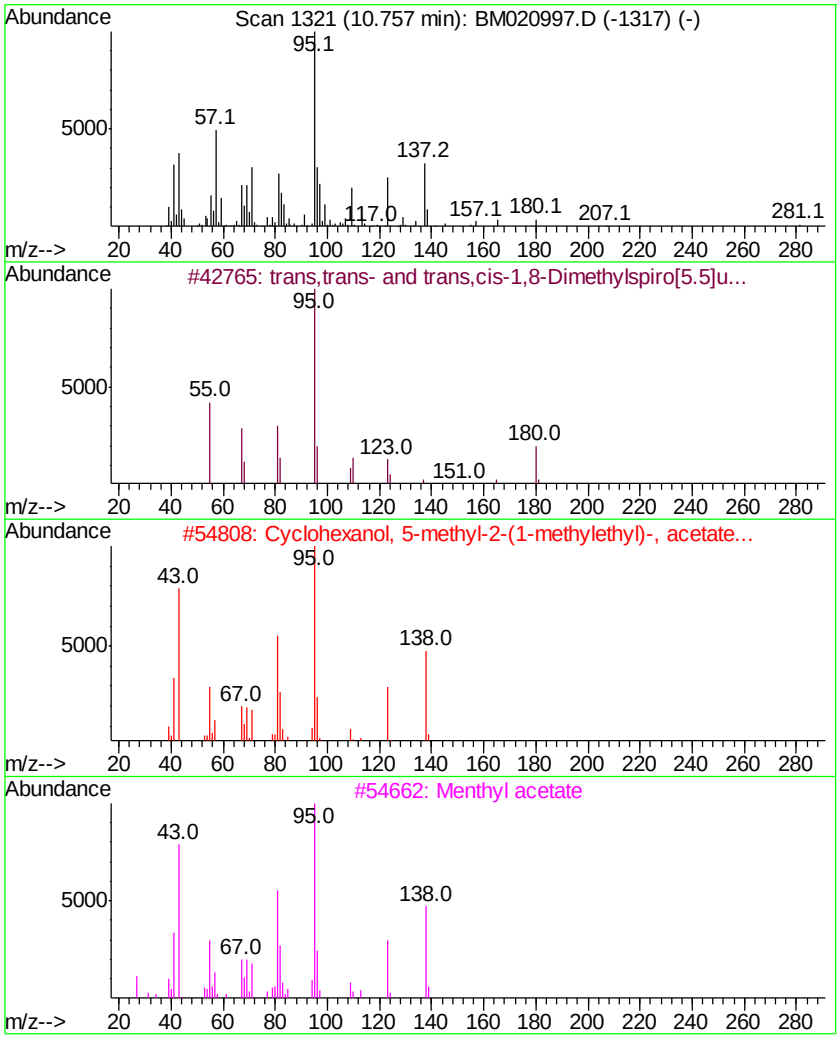
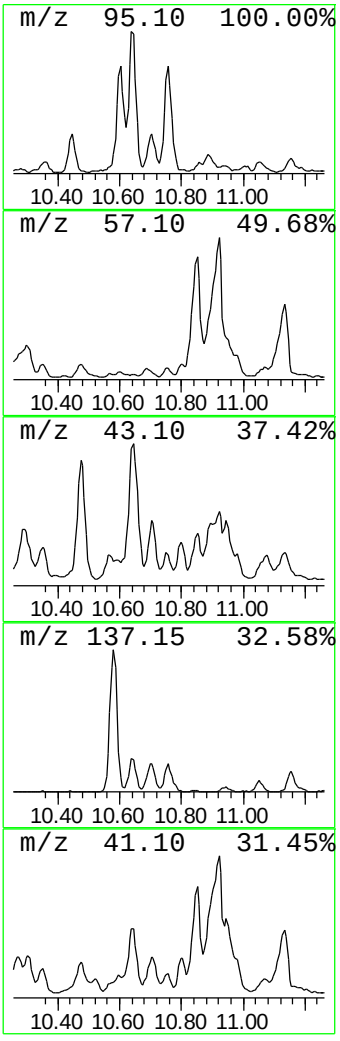
Peak Number 36 unknown-07 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.02 ng/ul	492256	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	43
2	Cyclohexanol, 5-methyl-2-(1-meth...	198	C12H22O2	020777-45-1	40
3	Menthyl acetate	198	C12H22O2	000089-48-5	40
4	Cyclohexanol, 5-methyl-2-(1-meth...	198	C12H22O2	002230-87-7	40
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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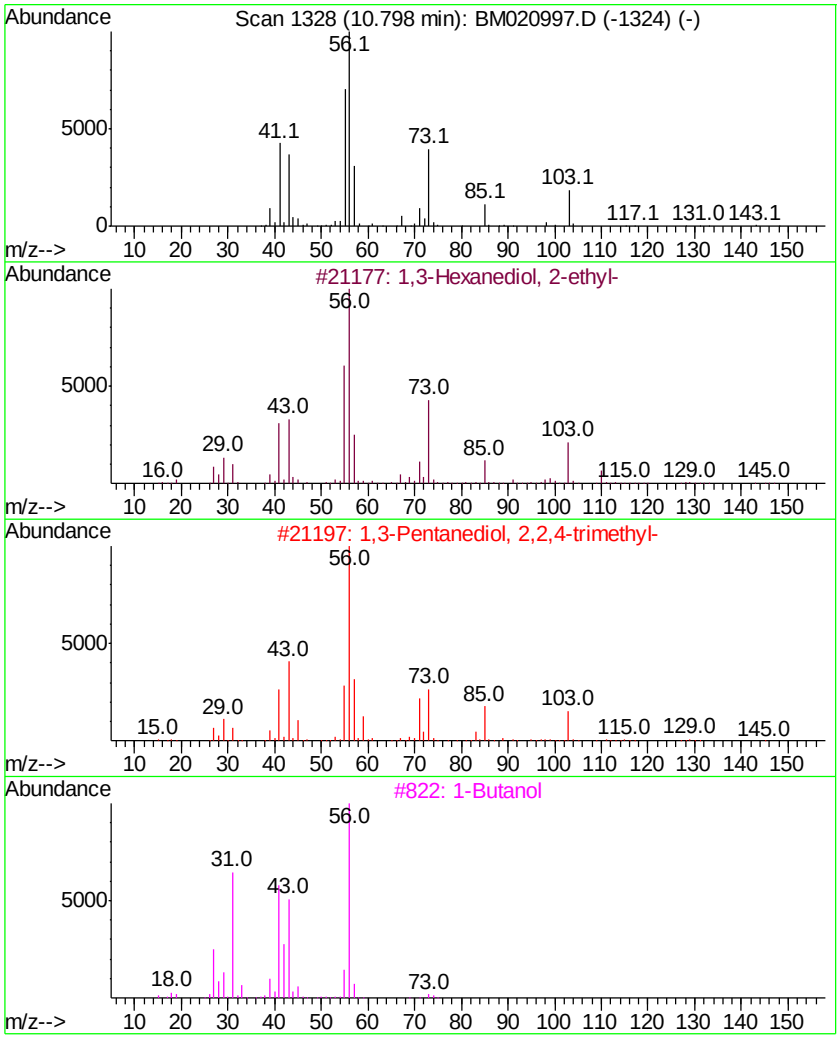
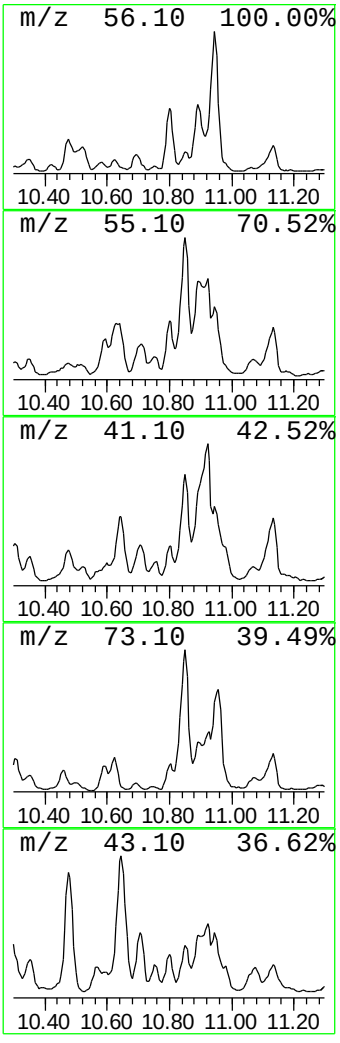
Peak Number 37 1,3-Hexanediol, 2-ethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.86 ng/ul	465865	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	83
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	56
3	1-Butanol	74	C4H10O	000071-36-3	47
4	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	40





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Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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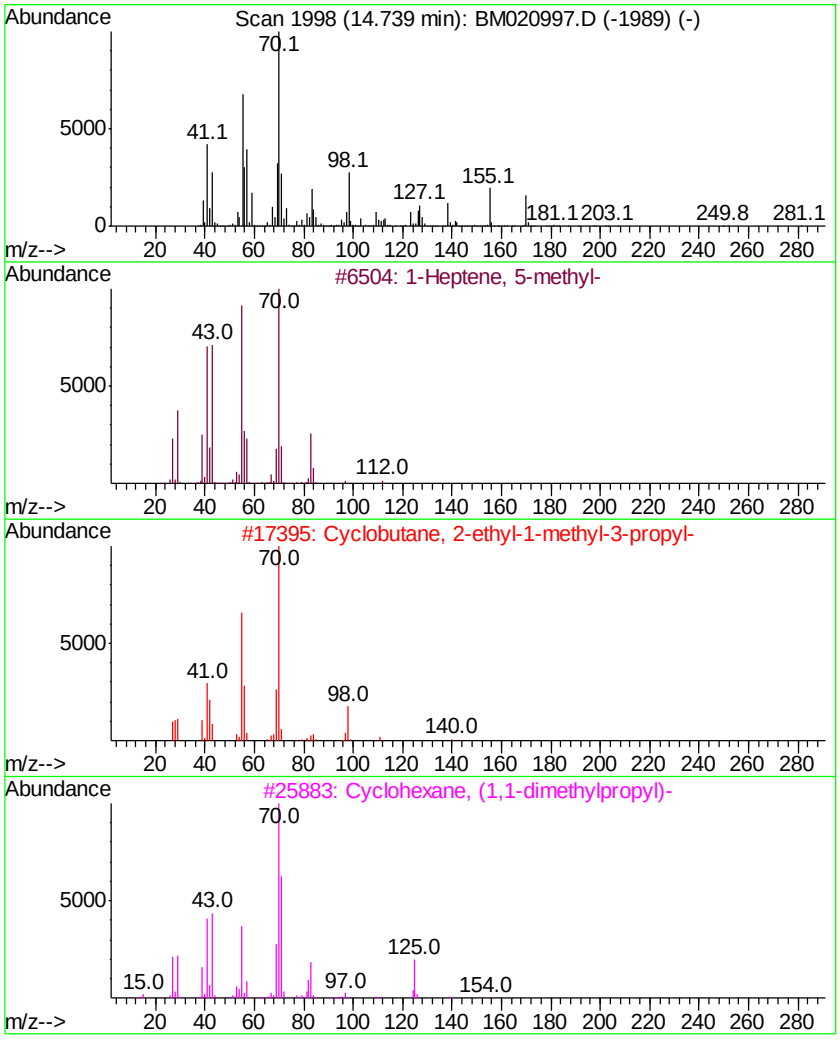
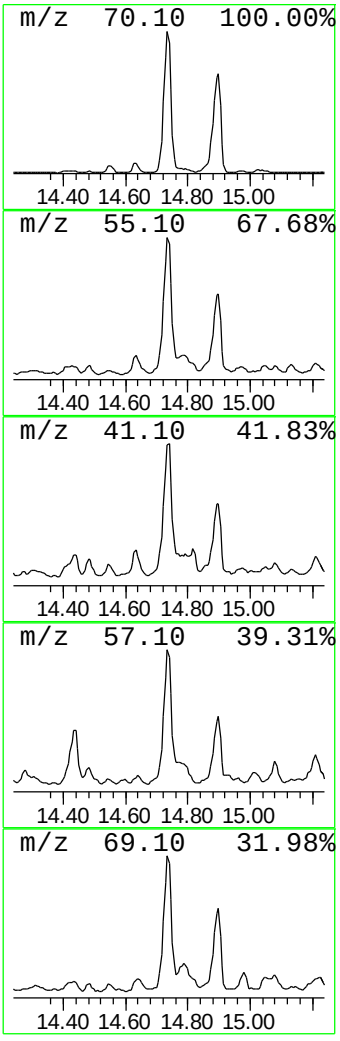
Peak Number 61 (DEL) Alkane: Cyclic14.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	21.55 ng/ul	5307660	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	38
2	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	38
3	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	35
4	Cyclobutane, 2-hexyl-1,1,4-trime...	182	C13H26	062338-53-8	35
5	4-Decene, 8-methyl-, (E)-	154	C11H22	062338-50-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020997.D
Acq On : 18 Jun 2019 02:38
Operator : HP/JU
Sample : K3215-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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-...	4.27	8.4	ng/ul	1423200	1	7.79	3395900	20.0
unknown-01	5.38	4.5	ng/ul	766437	1	7.79	3395900	20.0
Cyclohexanol	5.70	2.8	ng/ul	482628	1	7.79	3395900	20.0
Hexylene Glycol	6.13	15.3	ng/ul	2602830	1	7.79	3395900	20.0
Acetic acid, diet...	6.22	4.3	ng/ul	729201	1	7.79	3395900	20.0
1,1-Hexylenedioxy...	6.54	19.7	ng/ul	3345630	1	7.79	3395900	20.0
Hexanoic acid	6.86	2.7	ng/ul	455399	1	7.79	3395900	20.0
Benzene, 1-ethyl-...	6.87	2.5	ng/ul	433033	1	7.79	3395900	20.0
4-Heptanone, 2,6-...	6.93	25.1	ng/ul	4256470	1	7.79	3395900	20.0
unknown-02	7.05	10.2	ng/ul	1726920	1	7.79	3395900	20.0
2-Heptanone, 4,6-...	7.22	6.9	ng/ul	1174710	1	7.79	3395900	20.0
Benzene, 1,2,3-tr...	7.43	5.5	ng/ul	935327	1	7.79	3395900	20.0
unknown-03	7.63	4.8	ng/ul	815263	1	7.79	3395900	20.0
Benzene, 1-methyl...	7.92	84.2	ng/ul	14301000	1	7.79	3395900	20.0
unknown-04	8.00	125.2	ng/ul	21263400	1	7.79	3395900	20.0
unknown-05	8.03	50.7	ng/ul	8611410	1	7.79	3395900	20.0
Cyclohexanone, 3,...	8.22	52.5	ng/ul	8914600	1	7.79	3395900	20.0
Cyclohexanol, 3,3...	8.41	16.4	ng/ul	2784300	1	7.79	3395900	20.0
3-Buten-2-ol, 2,3...	8.59	10.7	ng/ul	1821080	1	7.79	3395900	20.0
Benzene, 1-methyl...	8.78	2.9	ng/ul	498639	1	7.79	3395900	20.0
Hexanoic acid, 2-...	9.16	21.7	ng/ul	3687490	1	7.79	3395900	20.0
(DEL) Alkane: Cyc...	9.37	4.4	ng/ul	718868	2	10.58	3260440	20.0
(DEL) Alkane: Cyc...	9.47	3.8	ng/ul	625209	2	10.58	3260440	20.0
(DEL) Alkane: Cyc...	9.56	6.5	ng/ul	1063950	2	10.58	3260440	20.0
3-Aminopyrazole	9.75	5.2	ng/ul	852308	2	10.58	3260440	20.0
Cyclohexanol, 1-m...	9.83	255.8	ng/ul	41701800	2	10.58	3260440	20.0
Furan, tetrahydro...	10.00	3.5	ng/ul	564709	2	10.58	3260440	20.0
1,3-Pentanediol, ...	10.10	20.0	ng/ul	3255820	2	10.58	3260440	20.0
Diazene, [1-(2,2-...	10.27	5.1	ng/ul	837852	2	10.58	3260440	20.0
unknown-06	10.35	3.6	ng/ul	593517	2	10.58	3260440	20.0
Phenol, 3-chloro-	10.46	25.3	ng/ul	4123510	2	10.58	3260440	20.0
unknown-07	10.76	3.0	ng/ul	492256	2	10.58	3260440	20.0
1,3-Hexanediol, 2...	10.80	2.9	ng/ul	465865	2	10.58	3260440	20.0
(DEL) Alkane: Cyc...	14.74	21.6	ng/ul	5307660	3	14.43	4926320	20.0