LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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	3.028	4	7	18	rVB	651357	872657	1.46%	0.255%
2	5.375	399	406	416	rVB	3661876	5070449	8.45%	1.483%
3	5.569	433	439	449	rVB	1790667	2574364	4.29%	0.753%
4	6.534	597	603	612	rVB	2809739	4018180	6.70%	1.176%
5	6.975	665	678	684	rBV2	374923	850302	1.42%	0.249%
6	7.045	684	690	697	rVB	561859	828720	1.38%	0.242%
7	7.128	697	704	712	rBV	898629	1513138	2.52%	0.443%
8	7.322	726	737	745	rBV	979512	1906355	3.18%	0.558%
9	7.786	809	816	821	rBV	1005564	1812354	3.02%	0.530%
10	7.833	821	824	830	rVB2	291767	414494	0.69%	0.121%
11	8.010	846	854	855	rBV	13903598	20613082	34.37%	6.030%
12	8.051	855	861	866	rVB	30697400	59969969	100.00%	17.544%
13	8.151	873	878	883	rBV2	242174	404772	0.67%	0.118%
14	8.245	886	894	902	rVB	551581	1176222	1.96%	0.344%
15	8.492	929	936	944	rVV	882748	1575679	2.63%	0.461%
16	8.769	976	983	989	rBV3	497707	1199963	2.00%	0.351%
17	8.910	995	1007	1011	rVV2	5991701	10503170	17.51%	3.073%
18	8.945	1011	1013	1018	rVV	1286504	1862542	3.11%	0.545%
19	9.204	1052	1057	1066	rVB4	603935	1256896	2.10%	0.368%
20	9.310	1066	1075	1080	rBV2	497057	1013494	1.69%	0.296%
21	9.369	1080	1085	1092	rVV3	566577	945824	1.58%	0.277%
22	9.469	1098	1102	1107	rVV3	308507	701464	1.17%	0.205%
23	9.563	1107	1118	1126	rVV4	1666913	5081097	8.47%	1.486%
24	9.645	1126	1132	1139	rVV3	2352102	5356455	8.93%	1.567%
25	9.710	1139	1143	1150	rVB	1110682	1678703	2.80%	0.491%
26	9.827	1155	1163	1170	rBV	1749110	3110478	5.19%	0.910%
27	9.922	1175	1179	1185	rVB2	439372	676184	1.13%	0.198%
28	10.016	1185	1195	1200	rBV2	610798	1238245	2.06%	0.362%
29	10.116	1206	1212	1220	rBV4	1828932	5980550	9.97%	1.750%
30	10.198	1220	1226	1231	rVB3	2749206	5346442	8.92%	1.564%
31	10.269	1231	1238	1245	rBV4	2015622	5131848	8.56%	1.501%
32	10.398	1254	1260	1272	rVB6	342131	881079	1.47%	0.258%
33	10.522	1272	1281	1285	rBV4	260123	692686	1.16%	0.203%
34	10.574	1285	1290	1295	rBV	1516900	2618906	4.37%	0.766%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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	10.710	1304	1313	1316	rBV3	925361	1966860	3.28%	0.575%
36	10.745	1316	1319	1328	rVB3	758359	1394470	2.33%	0.408%
37	10.886	1328	1343	1347	rBV	3728026	12376261	20.64%	3.621%
38	10.945	1347	1353	1354	rVV2	3211578	5549891	9.25%	1.624%
39	10.969	1355	1357	1366	rVB3	3825792	5312254	8.86%	1.554%
40	11.116	1375	1382	1386	rBV3	1115250	2220551	3.70%	0.650%
41	11.169	1386	1391	1397	rVB	836687	1772195	2.96%	0.518%
42	11.380	1419	1427	1431	rBV5	282218	707269	1.18%	0.207%
43	11.574	1443	1460	1464	rBV3	5508012	20980831	34.99%	6.138%
44	11.645	1469	1472	1481	rVB2	397401	592818	0.99%	0.173%
45	11.780	1485	1495	1499	rVB2	1133303	2376016	3.96%	0.695%
46	11.833	1499	1504	1507	rBV	499069	835079	1.39%	0.244%
47	11.998	1523	1532	1537	rBV2	3292326	6096518	10.17%	1.784%
48	12.127	1548	1554	1559	rVV	1989714	3418811	5.70%	1.000%
49	12.274	1575	1579	1588	rVB6	351534	793595	1.32%	0.232%
50	12.410	1597	1602	1607	rVV4	518662	1035089	1.73%	0.303%
51	12.533	1615	1623	1627	rBV2	396675	797113	1.33%	0.233%
52	12.592	1627	1633	1638	rVV2	847952	1580478	2.64%	0.462%
53	12.663	1642	1645	1651	rVV3	223434	386102	0.64%	0.113%
54	12.857	1673	1678	1684	rBV4	282337	554097	0.92%	0.162%
55	12.939	1687	1692	1695	rBV3	323866	609594	1.02%	0.178%
56	12.998	1699	1702	1706	rVB2	620898	835136	1.39%	0.244%
57	13.080	1712	1716	1721	rVB	1686842	2371603	3.95%	0.694%
58	13.145	1721	1727	1732	rBV	1321892	2197528	3.66%	0.643%
59	13.239	1738	1743	1751	rVB6	351449	948735	1.58%	0.278%
60	13.374	1761	1766	1771	rBV	2090195	2983350	4.97%	0.873%
61	13.474	1778	1783	1788	rVB	743194	1208967	2.02%	0.354%
62	13.627	1803	1809	1814	rVB4	389139	821514	1.37%	0.240%
63	13.839	1840	1845	1850	rBV	3030814	4091486	6.82%	1.197%
64	13.974	1863	1868	1872	rBV5	279752	558569	0.93%	0.163%
65	14.062	1877	1883	1887	rBV4	447860	882592	1.47%	0.258%
66	14.115	1887	1892	1897	rBV	3295876	5012216	8.36%	1.466%
67	14.239	1904	1913	1920	rBV7	233426	804211	1.34%	0.235%
68	14.362	1929	1934	1938	rVB2	286125	516575	0.86%	0.151%
69	14.427	1938	1945	1950	rVB2	2318202	3866221	6.45%	1.131%
70	14.480	1950	1954	1959	rVB3	769325	1050228	1.75%	0.307%
71	14.539	1959	1964	1969	rVB5	218087	407280	0.68%	0.119%

LSC Area Percent Report

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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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	14.610	1970	1976	1977	rBV	856612	1241273	2.07%	0.363%
73	14.745	1994	1999	2004	rBV	1570822	2140919	3.57%	0.626%
74	14.792	2004	2007	2012	rBV4	347503	519320	0.87%	0.152%
75	14.957	2028	2035	2040	rBV4	477962	999330	1.67%	0.292%
76	15.039	2045	2049	2053	rBV3	471890	659175	1.10%	0.193%
77	15.204	2068	2077	2084	rBV5	667525	1626512	2.71%	0.476%
78	15.298	2087	2093	2099	rVB3	595719	1289473	2.15%	0.377%
79	15.421	2105	2114	2120	rVB	4638723	6846187	11.42%	2.003%
80	15.498	2123	2127	2130	rBV	389242	512085	0.85%	0.150%
81	15.545	2130	2135	2139	rVV	1280486	1808798	3.02%	0.529%
82	15.609	2142	2146	2153	rVV	1221729	1714511	2.86%	0.502%
83	15.680	2153	2158	2163	rVB	741633	1022213	1.70%	0.299%
84	15.915	2195	2198	2205	rVB3	231589	354277	0.59%	0.104%
85	16.204	2244	2247	2249	rVV	332631	391424	0.65%	0.115%
86	16.251	2249	2255	2261	rVB	13912227	19417213	32.38%	5.680%
87	16.703	2328	2332	2337	rBV	279144	364965	0.61%	0.107%
88	16.821	2345	2352	2359	rVB2	2023380	3895373	6.50%	1.140%
89	16.909	2363	2367	2369	rBV	555620	760655	1.27%	0.223%
90	16.980	2375	2379	2384	rVB	455215	624714	1.04%	0.183%
91	17.174	2406	2412	2418	rVV2	2587612	3923014	6.54%	1.148%
92	17.268	2422	2428	2434	rVV	4385523	6668148	11.12%	1.951%
93	17.527	2467	2472	2485	rVB	1443992	2584085	4.31%	0.756%
94	18.062	2558	2563	2572	rBV	653992	951344	1.59%	0.278%
95	19.339	2776	2780	2787	rBV	266040	362571	0.60%	0.106%
96	19.562	2812	2818	2825	rBV	5551006	7387219	12.32%	2.161%
97	21.050	3068	3071	3081	rBV	430732	525489	0.88%	0.154%
98	21.350	3117	3122	3128	rBV	3055958	3760050	6.27%	1.100%
99	23.480	3477	3484	3496	rVB2	3626348	6926138	11.55%	2.026%
100	23.627	3502	3509	3518	rVB2	1981697	3758745	6.27%	1.100%

Sum of corrected areas: 341824086

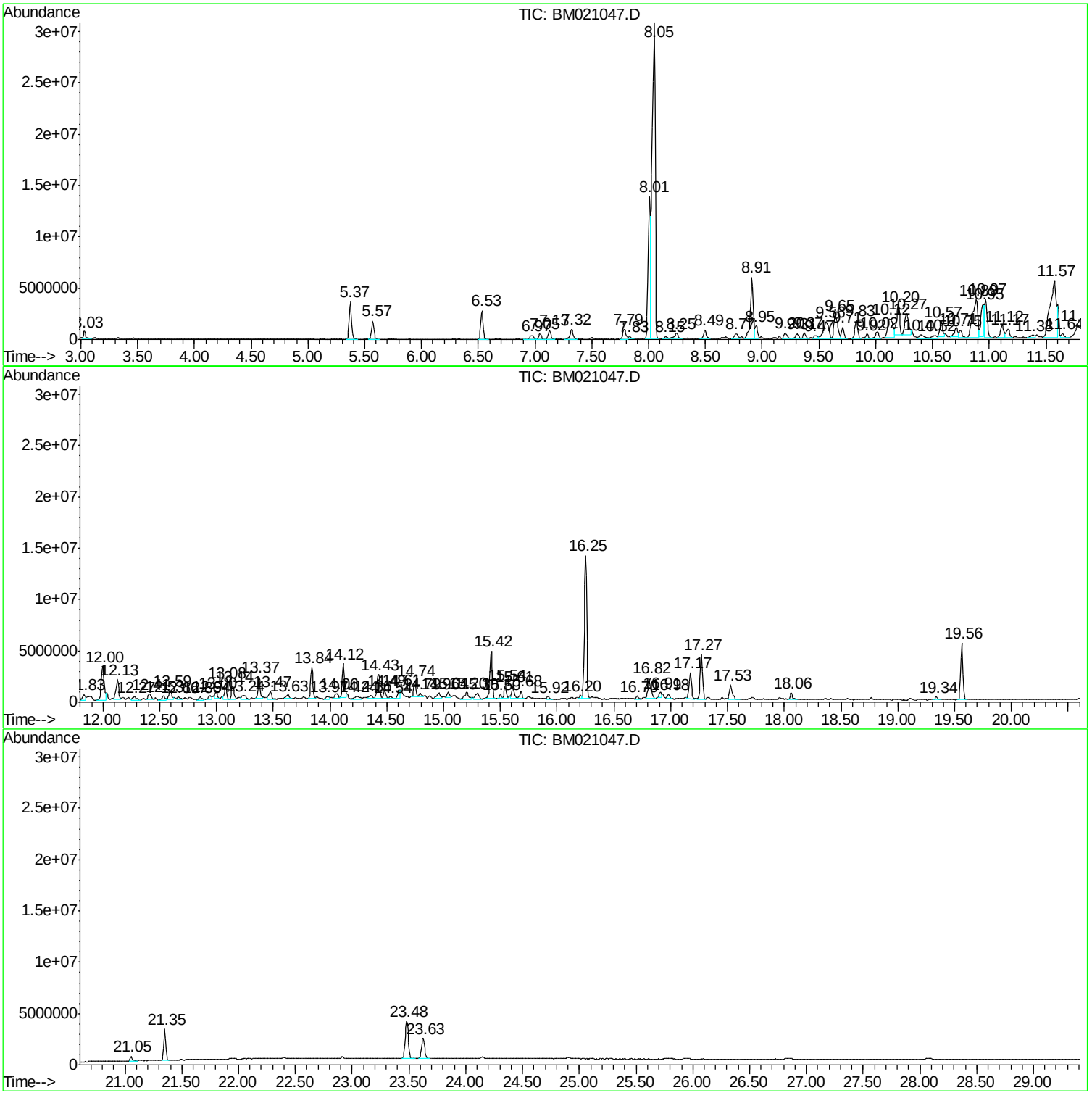
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

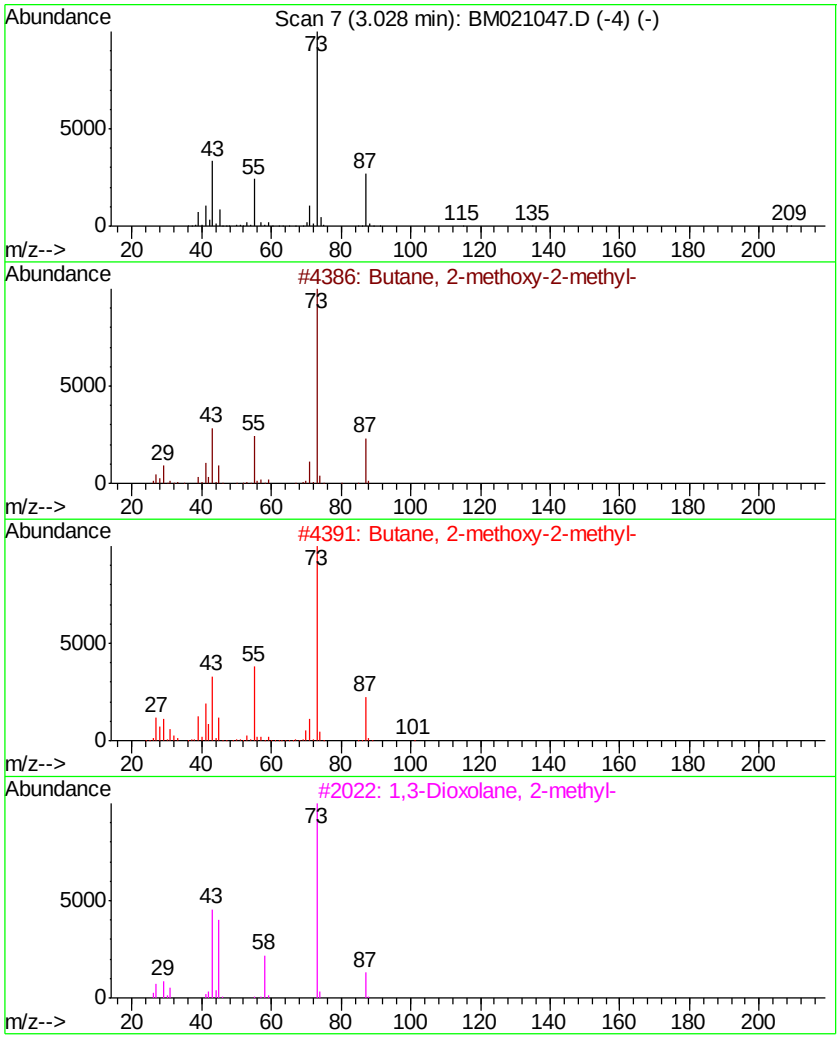
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

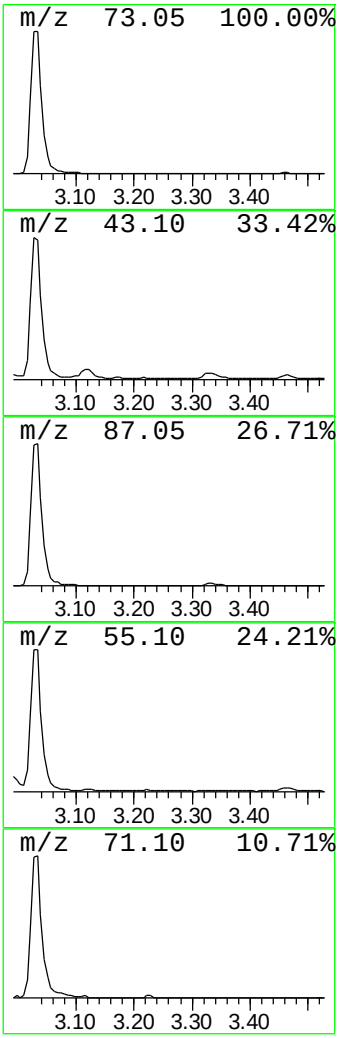
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	9.63 ng/ul	872657	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

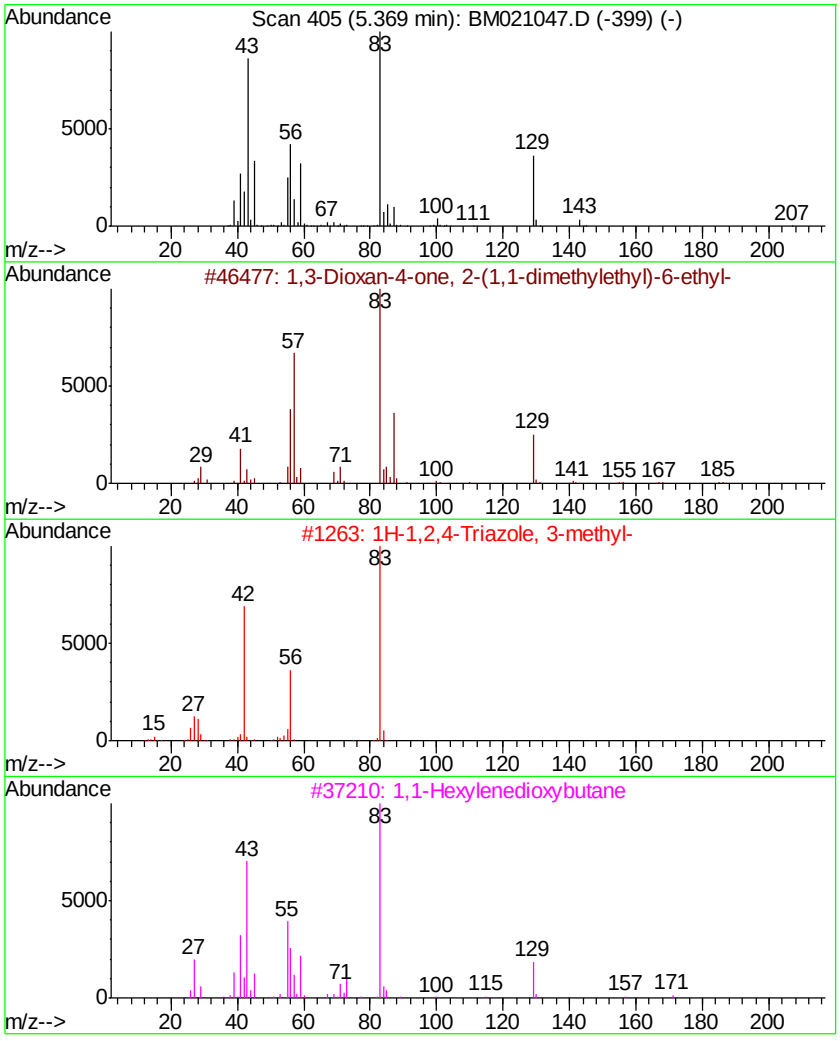
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

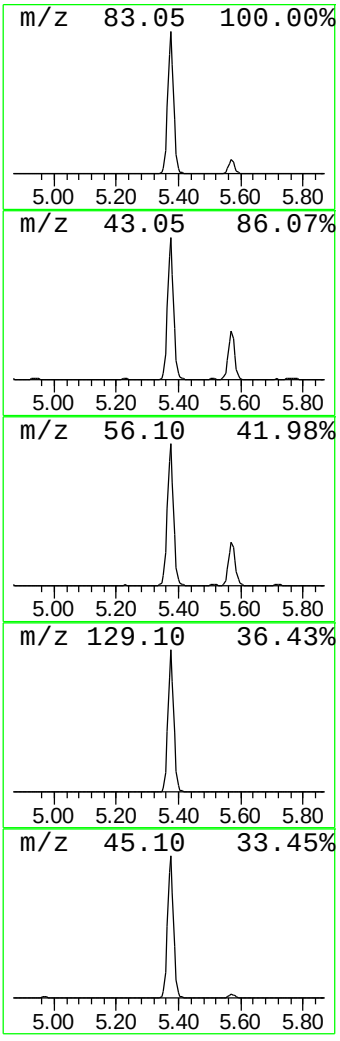
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	55.95 ng/ul	5070450	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	38
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
3	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	36
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25
5	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

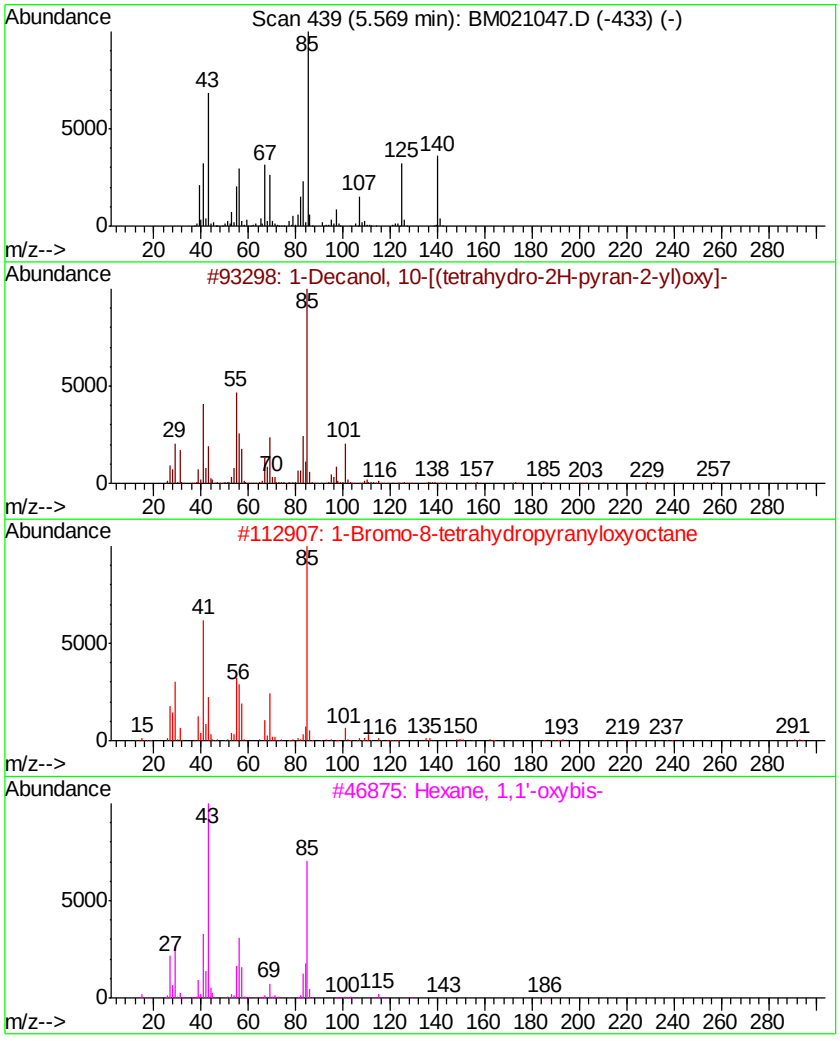
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

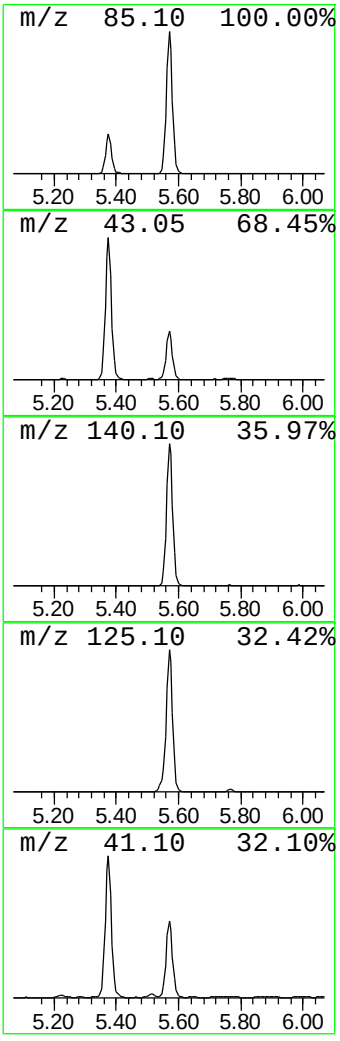
****

Peak Number 3 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	28.41 ng/ul	2574360	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	38
2	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	37
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	37
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	37
5	2H-Pyran, 2-[(5-cyclopropylidene...	210	C13H22O2	123416-83-1	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

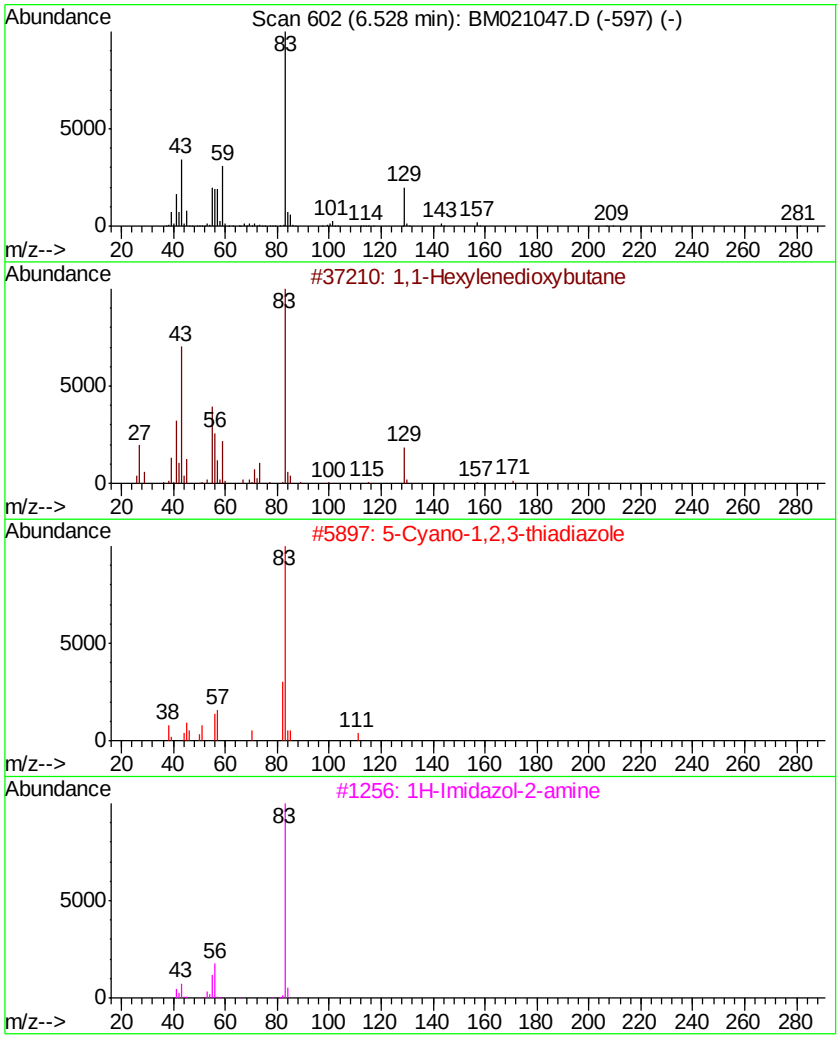
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

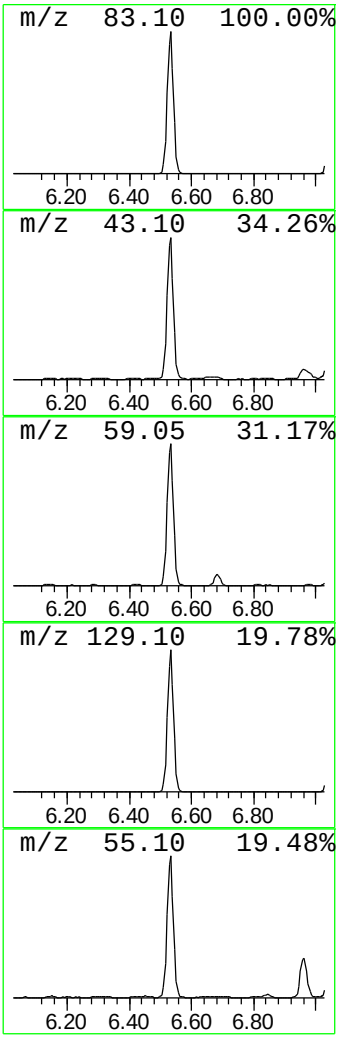
****

Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	44.34 ng/ul	4018180	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	64
2	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	40
3	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

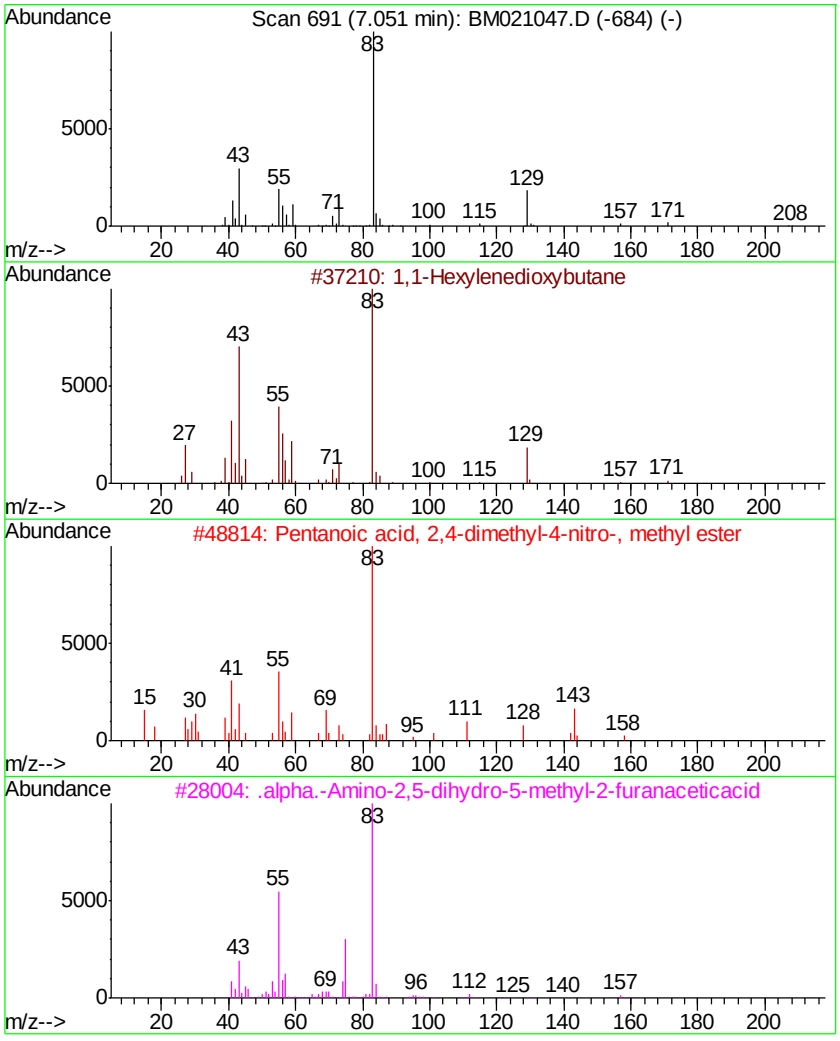
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

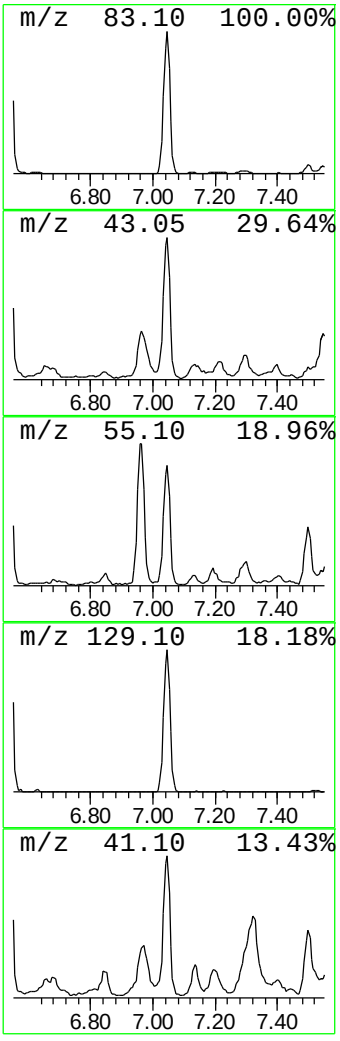
****

Peak Number 5 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	9.15 ng/ul	828720	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	40
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	36
4	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33
5	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9





Library Search Compound Report

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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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Quant Title : SVOA CALIBRATION

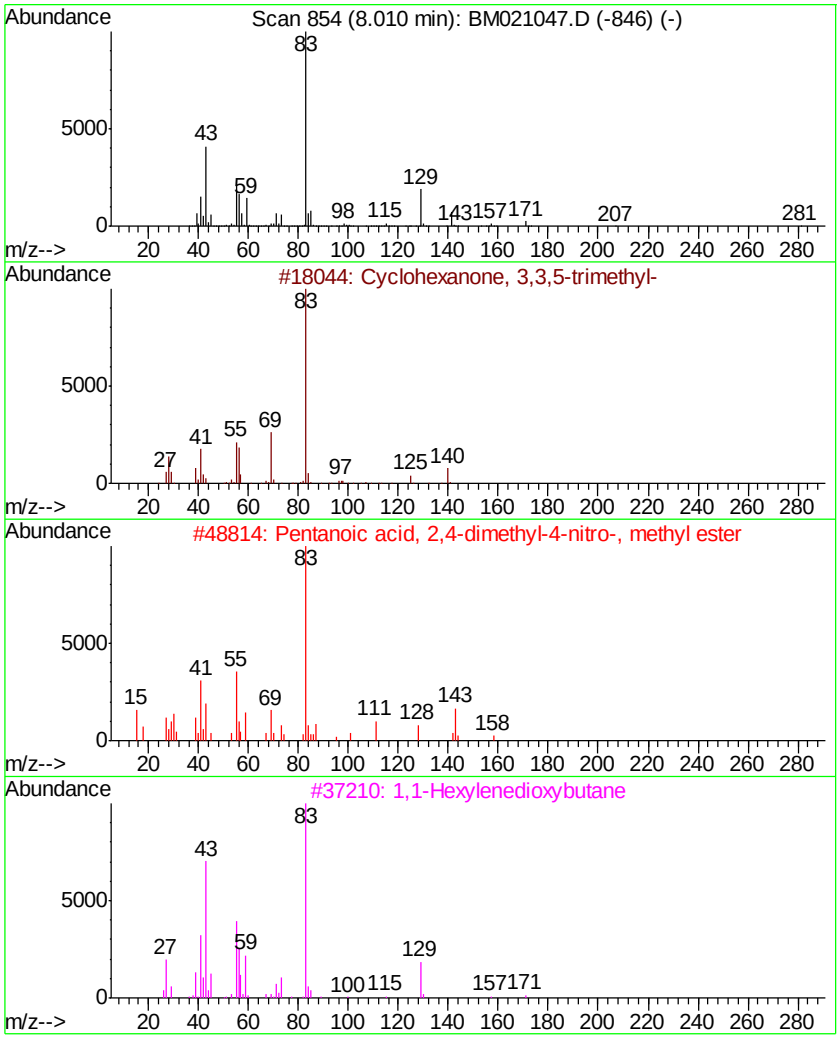
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

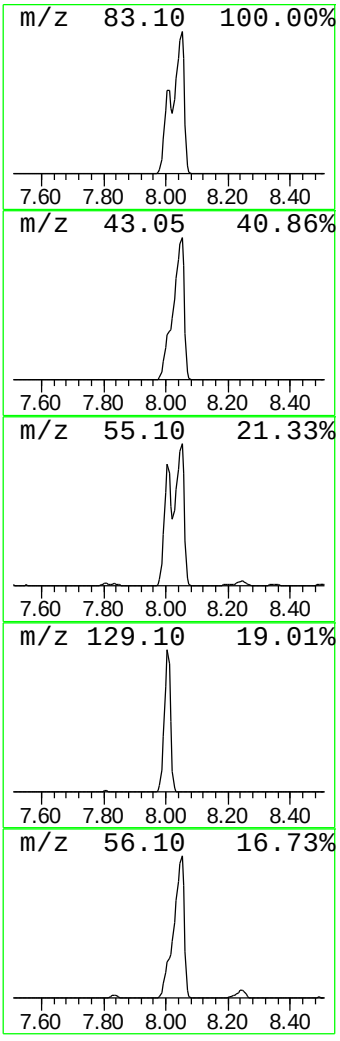
****

Peak Number 6 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	227.47 ng/ul	20613100	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	53
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
3	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	37
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	36
5	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9





Library Search Compound Report

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Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

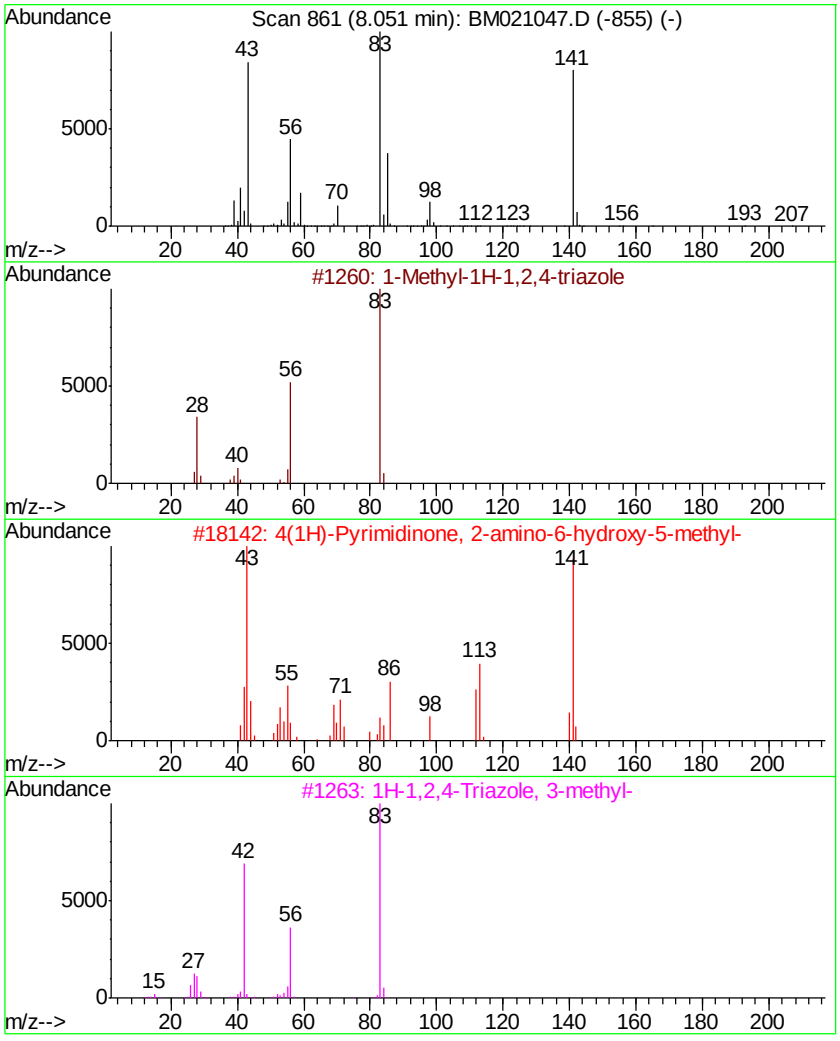
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

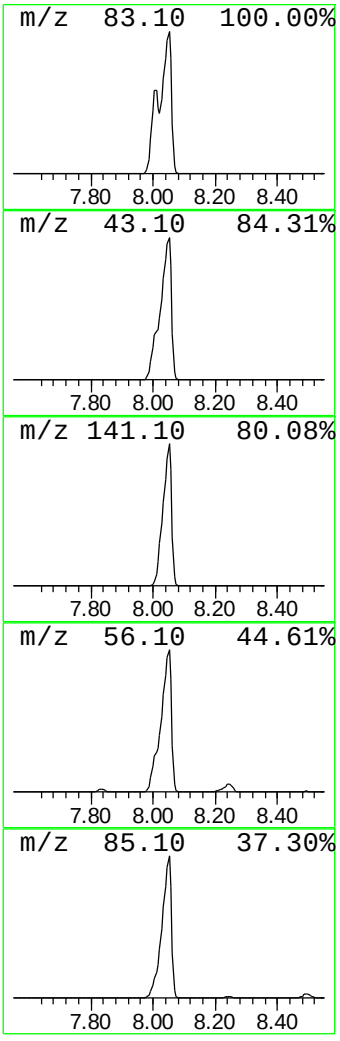
****

Peak Number 7 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	661.79 ng/ul	59970000	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	35
2	4(1H)-Pyrimidinone, 2-amino-6-hy...	141	C5H7N3O2	006627-65-2	35
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
4	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	17
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	12





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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Quant Title : SVOA CALIBRATION

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

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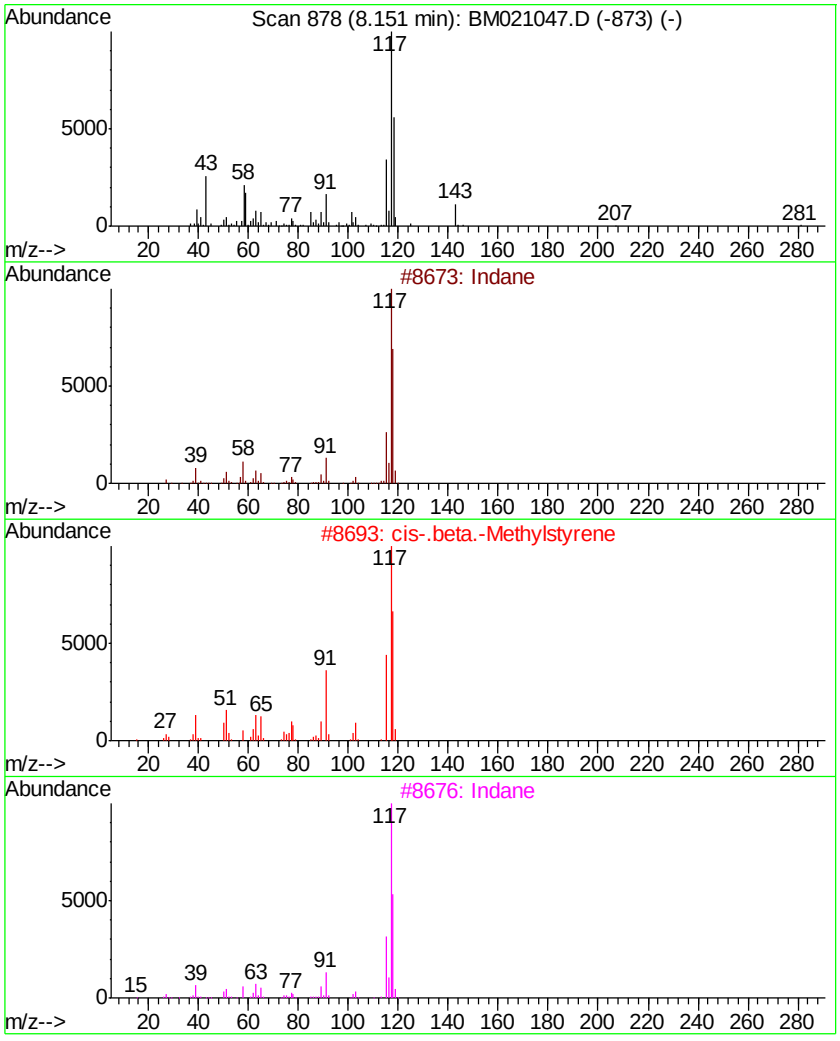
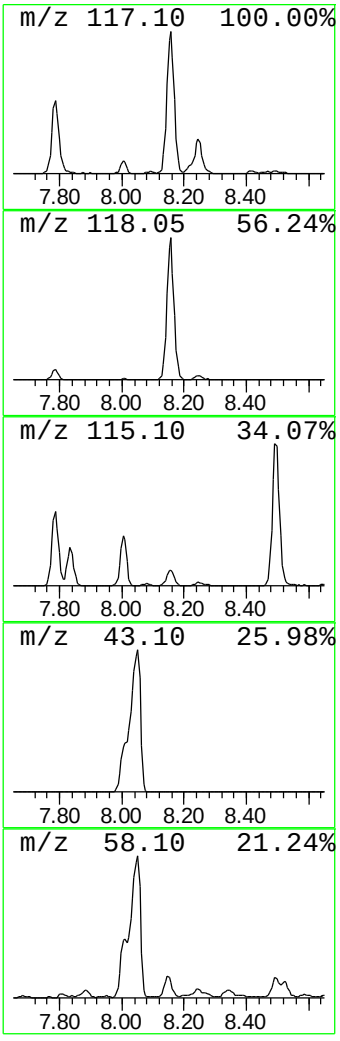
Peak Number 8 Indane Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	4.47 ng/ul	404772	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	62
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Library Search Compound Report

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Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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Quant Title : SVOA CALIBRATION

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

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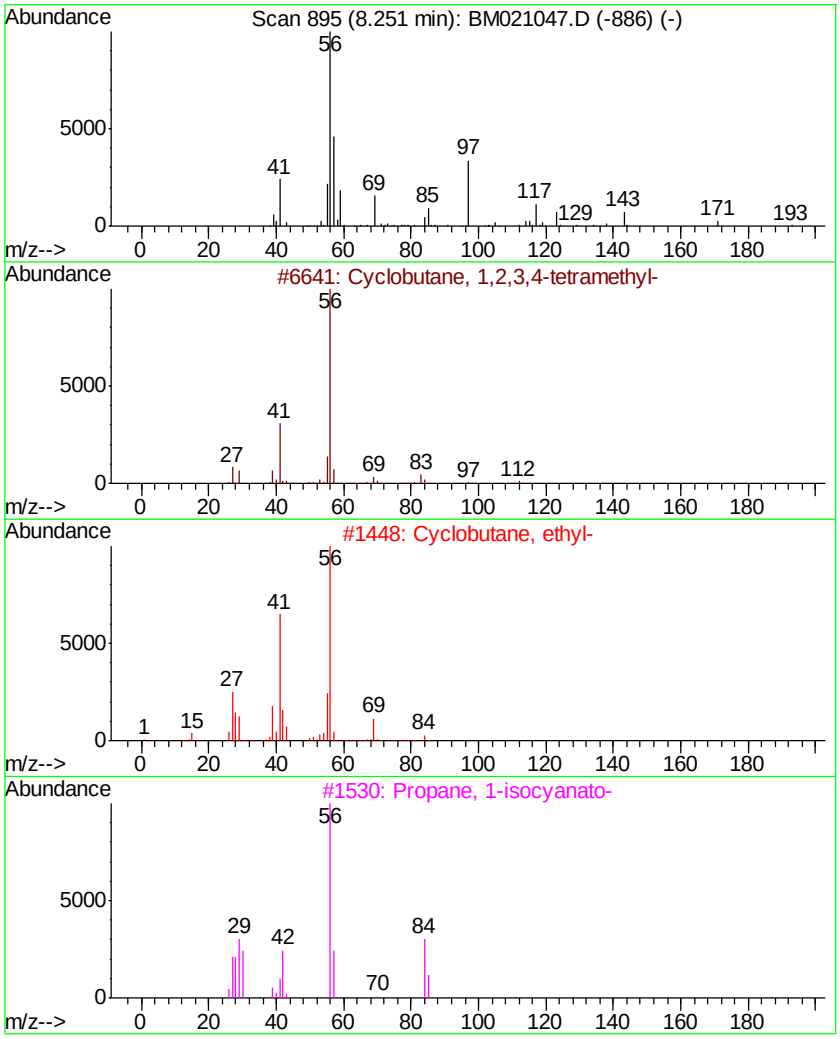
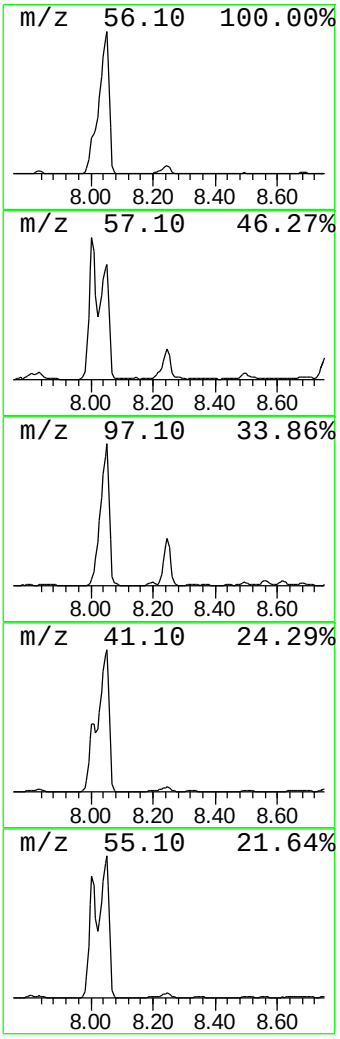
Peak Number 9 (DEL) Alkane: Cyclic8.25 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	12.98 ng/ul	1176220	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	37
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	28
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	9
4	Cyclopentanamine	85	C5H11N	001003-03-8	9
5	n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	9





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Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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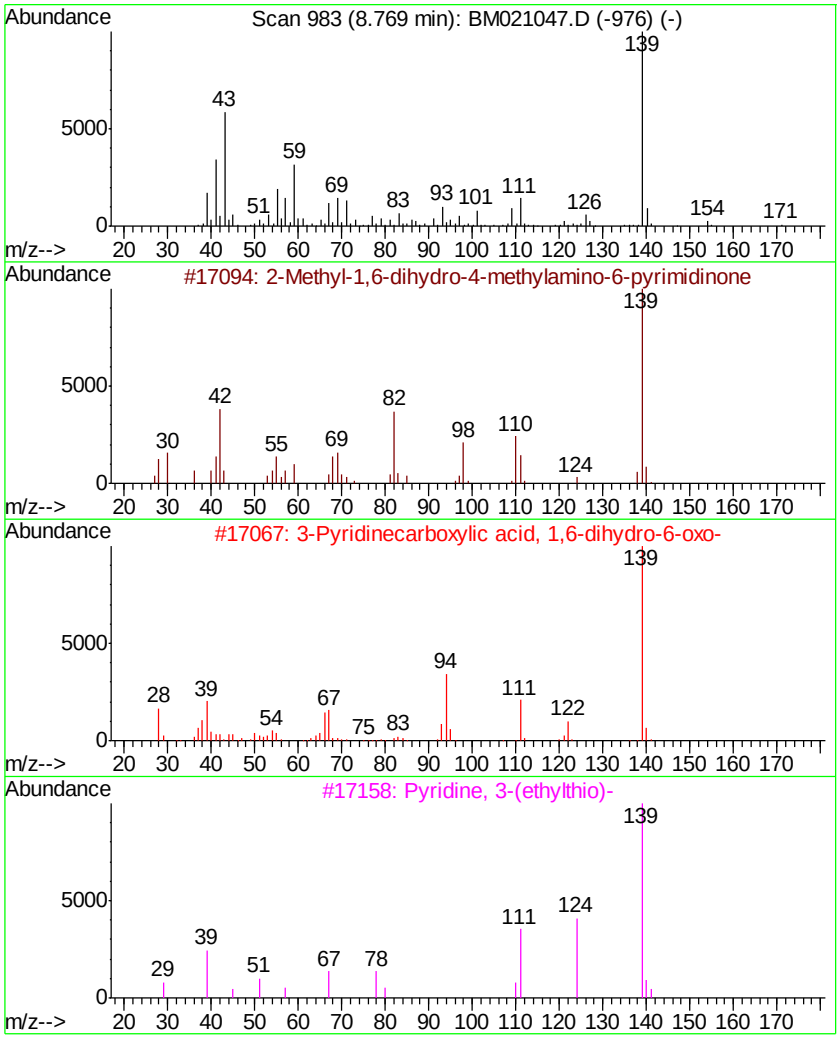
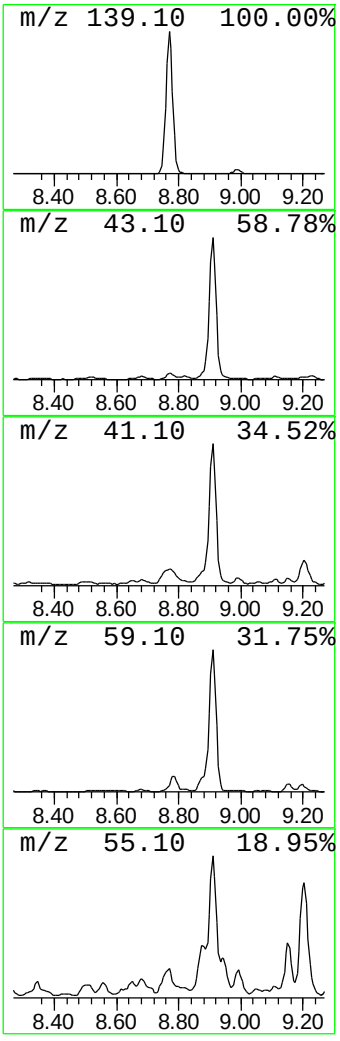
Peak Number 10 2-Methyl-1,6-dihydro-4-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	13.24 ng/ul	1199960	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1,6-dihydro-4-methylami...	139	C6H9N3O	1000288-89-5	50
2	3-Pyridinecarboxylic acid, 1,6-d...	139	C6H5NO3	005006-66-6	38
3	Pyridine, 3-(ethylthio)-	139	C7H9NS	026891-59-8	38
4	2,5-Cyclohexadiene-1,4-dione, 5-...	367	C15H11BrClNO3	324051-17-4	38
5	Benzamide, 4-chloro-N-(2-cyclohe...	397	C20H19ClF3NO2	346660-56-8	38





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Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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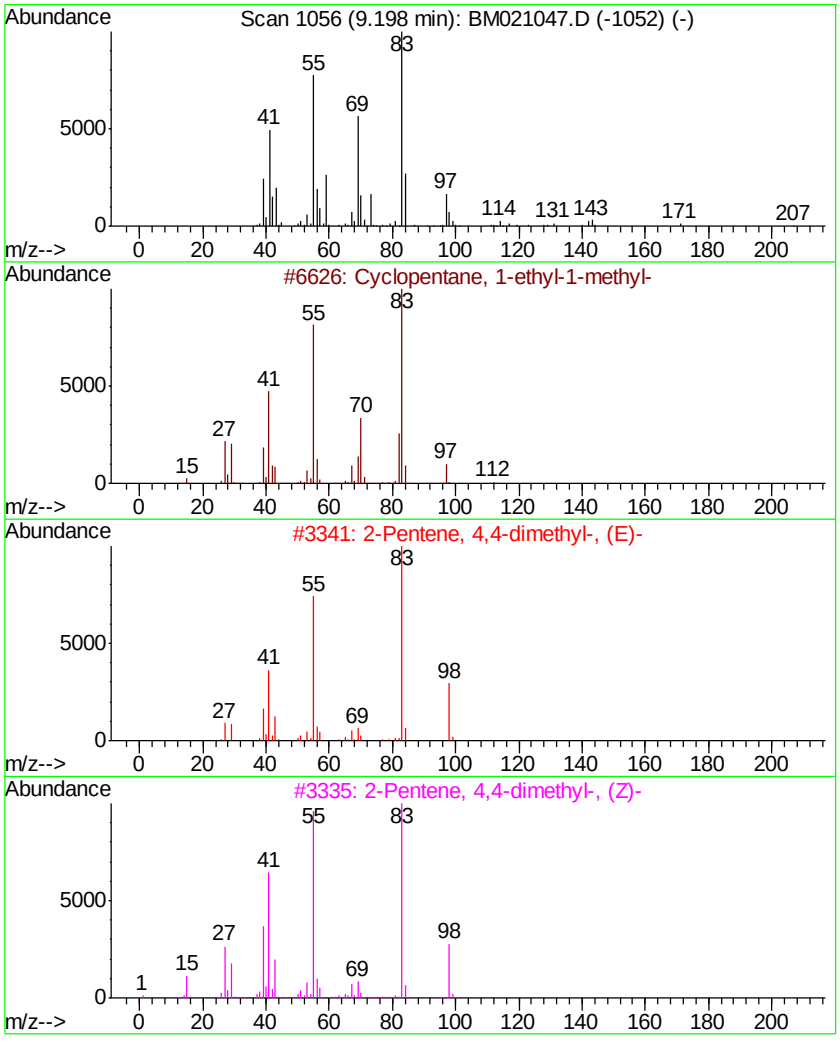
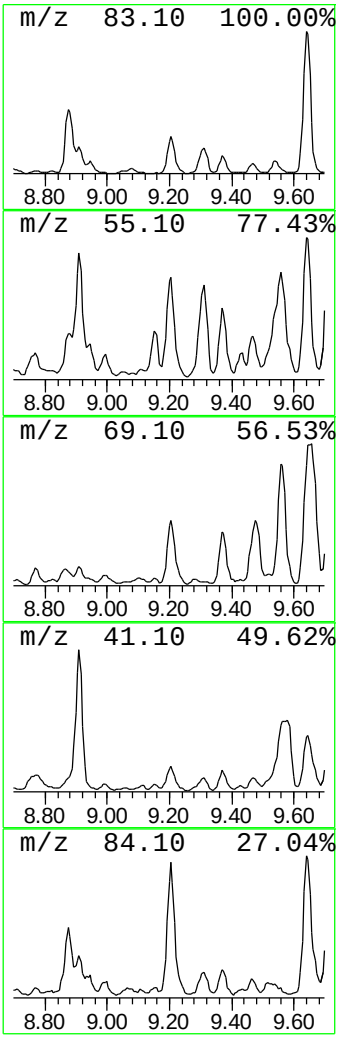
Peak Number 11 (DEL) Alkane: Cyclic9.20 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	9.60 ng/ul	1256900	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	47
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	43
4	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	42
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	40





Library Search Compound Report

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Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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Quant Title : SVOA CALIBRATION

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

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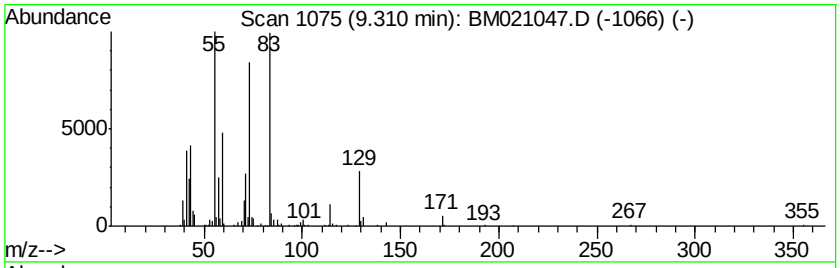
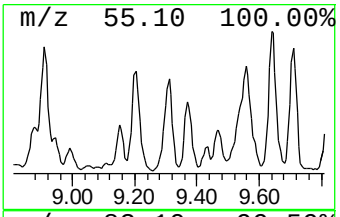
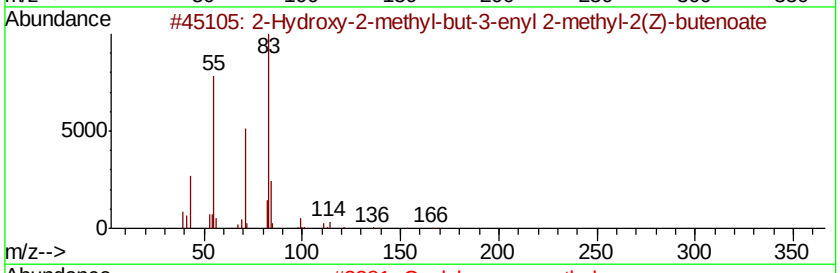
Peak Number 12 unknown-05 Concentration Rank 38

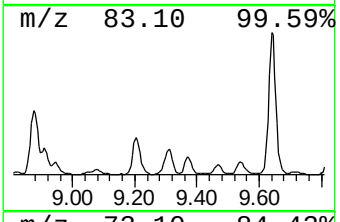
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	7.74 ng/ul	1013490	Naphthalene-d8	10.57

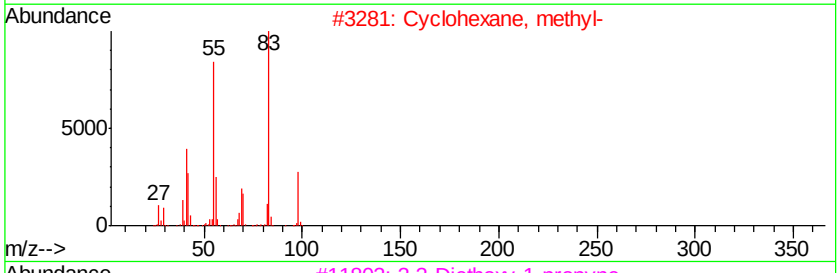
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	25
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	23
3	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	16
4	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	16
5	3-Hexen-2-one	98	C6H10O	000763-93-9	12

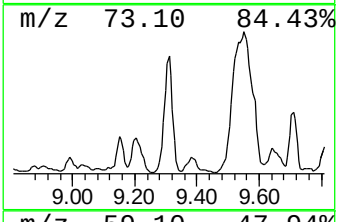


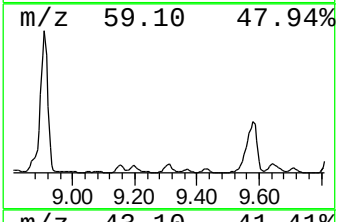


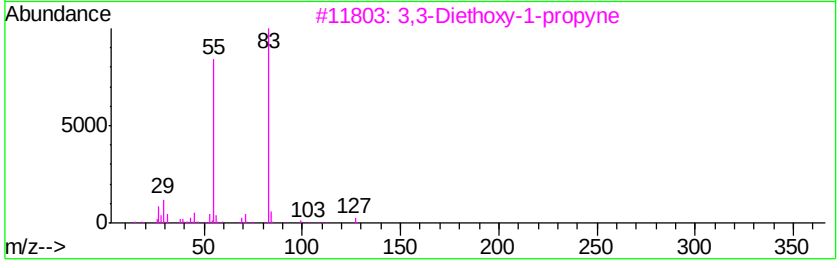


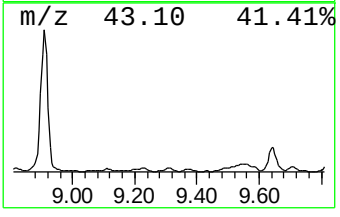












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Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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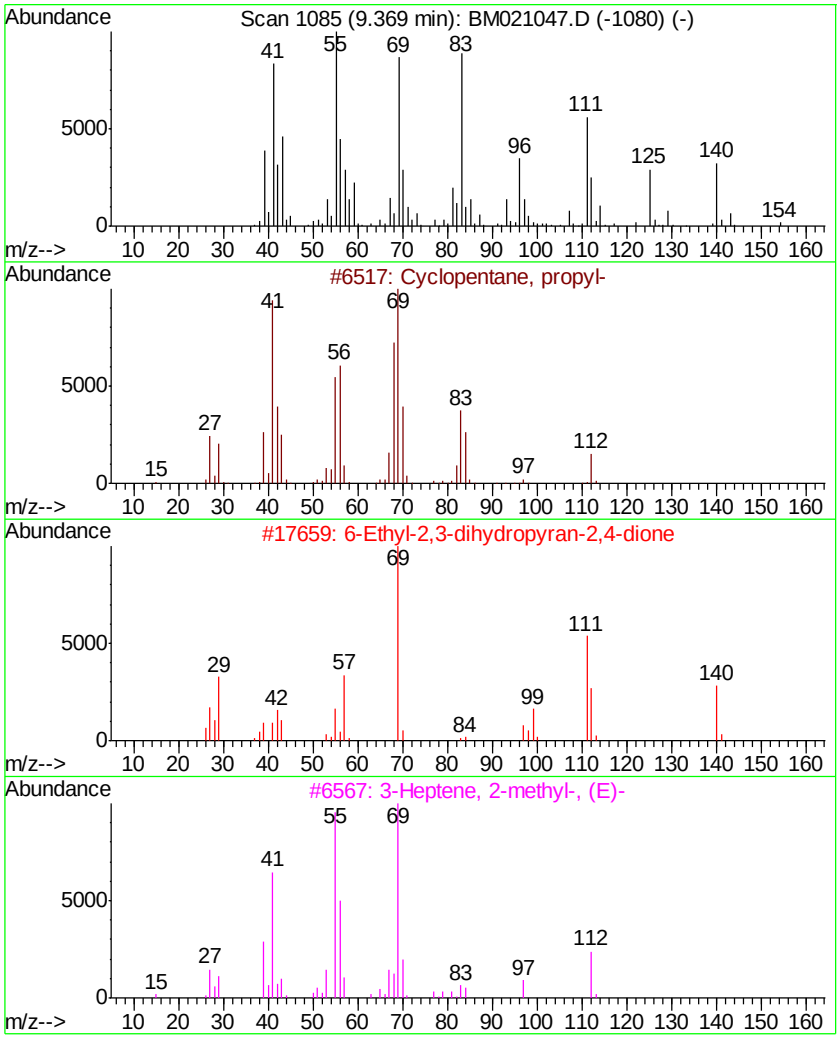
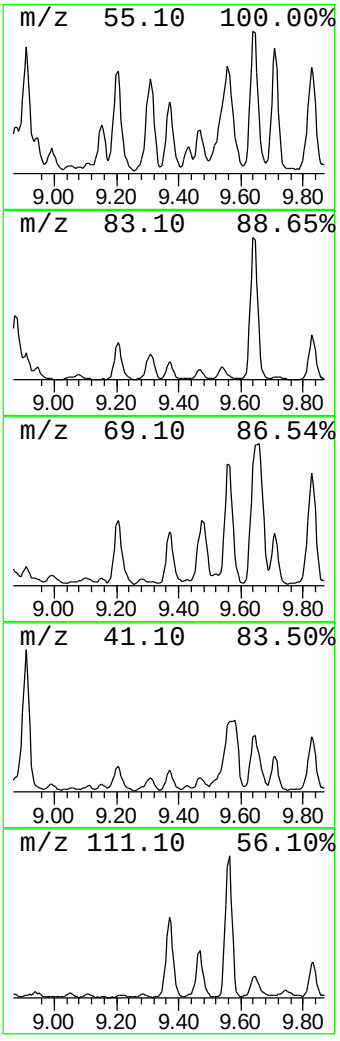
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.22 ng/ul	945824	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
2	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	46
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	42
4	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	38
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	38





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Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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Quant Title : SVOA CALIBRATION

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

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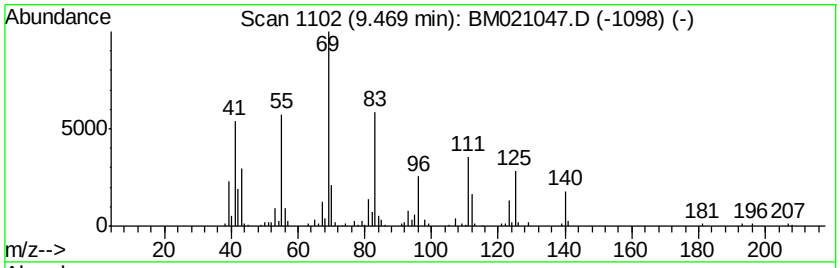
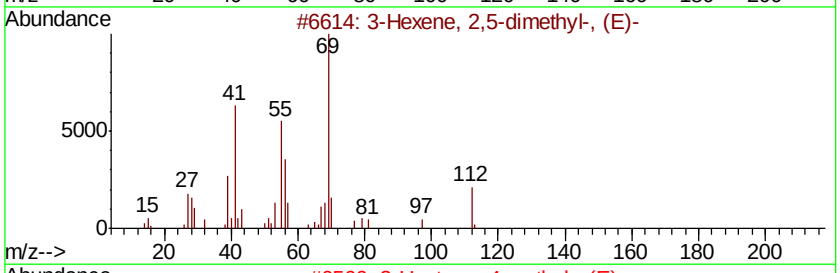
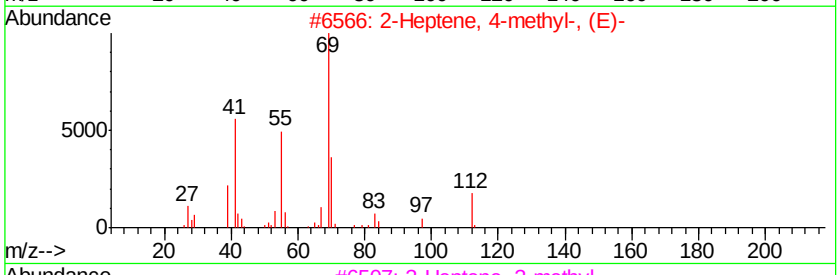
Peak Number 14 (DEL) Alkane: Cyclic9.47 Concentration Rank 47

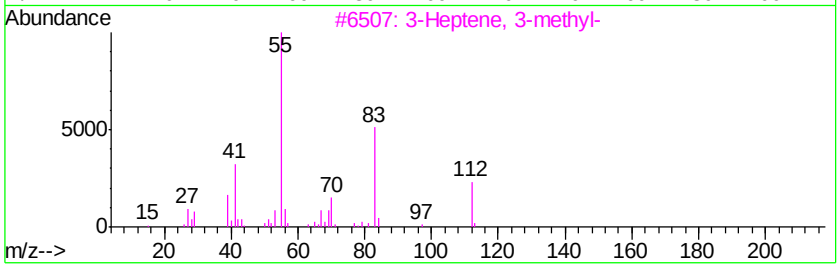
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	5.36 ng/ul	701464	Naphthalene-d8	10.57

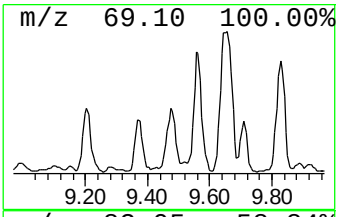
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	38
2	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
3	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	20
4	4-Octene, (E)-	112	C8H16	014850-23-8	15
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	15

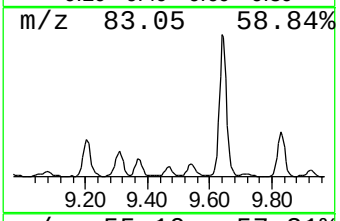


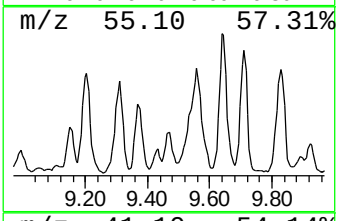


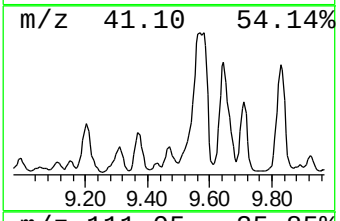


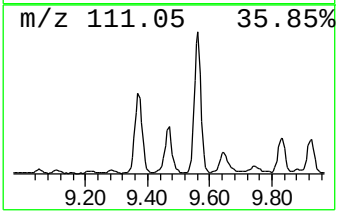












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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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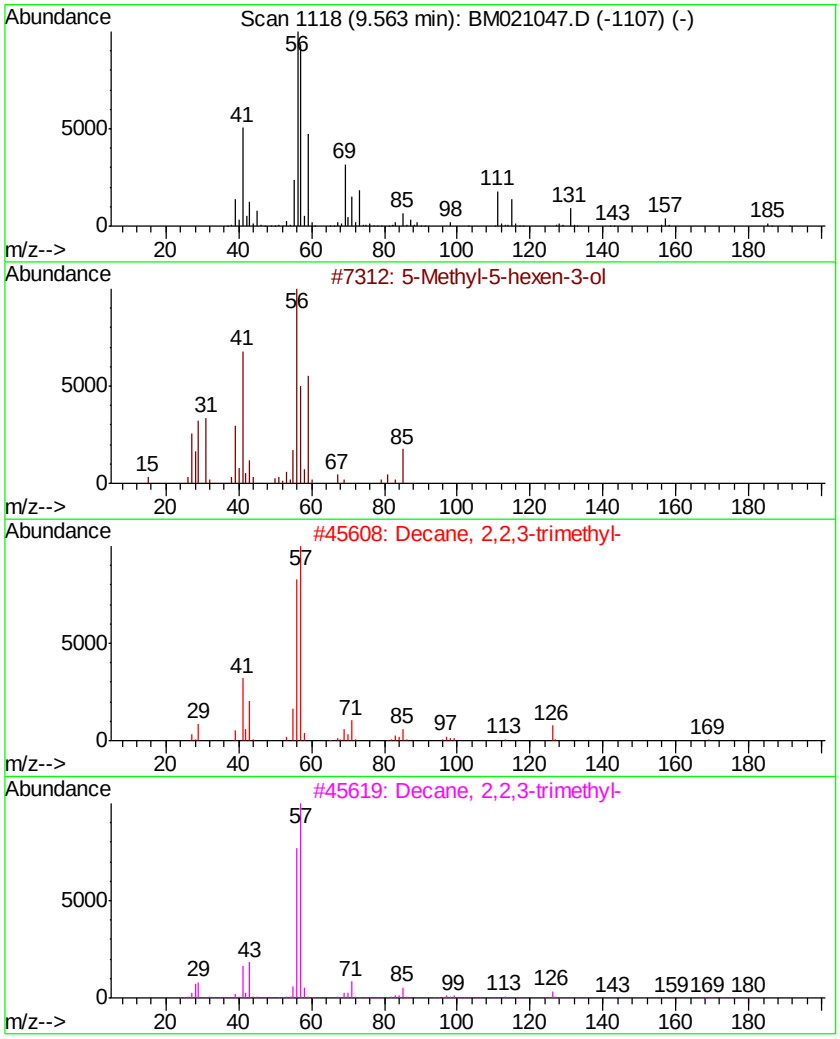
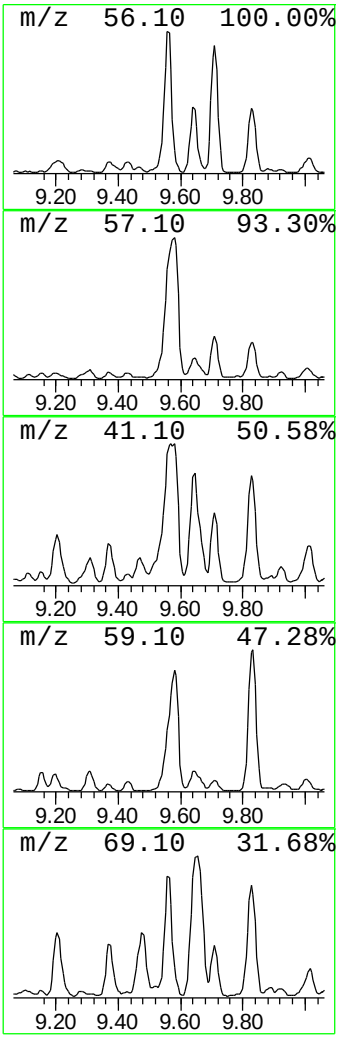
Peak Number 15 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	38.80 ng/ul	5081100	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	42
2	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
4	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	37
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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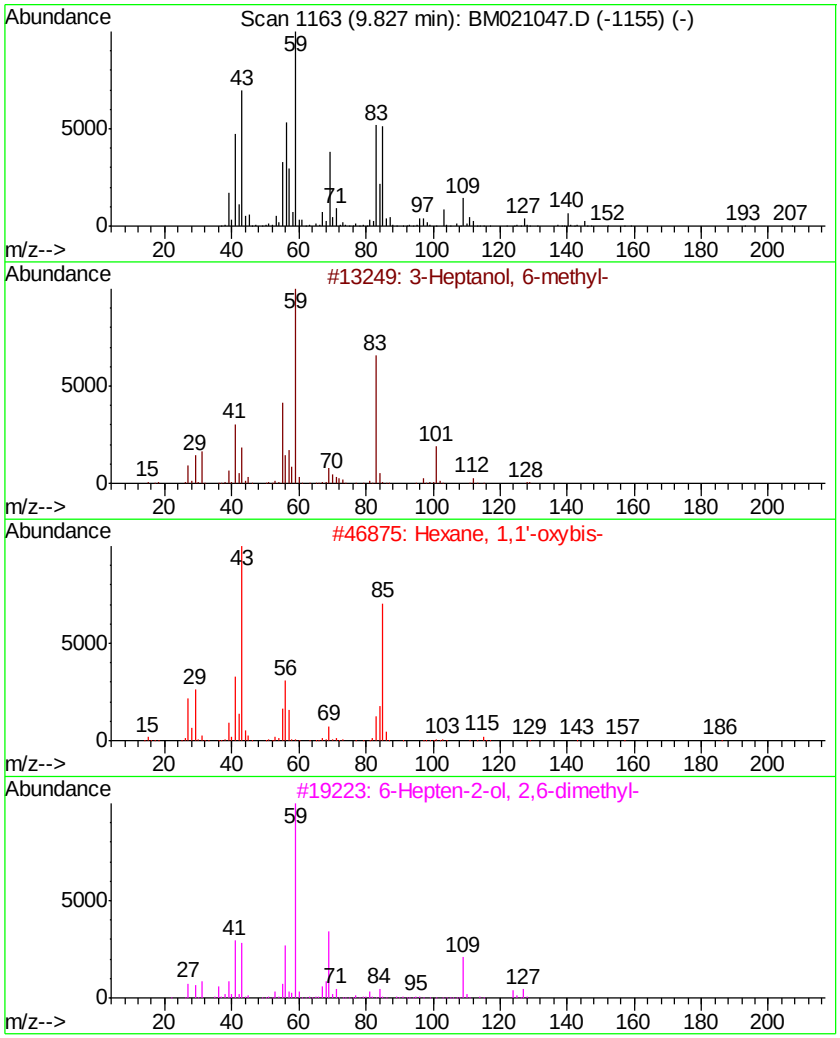
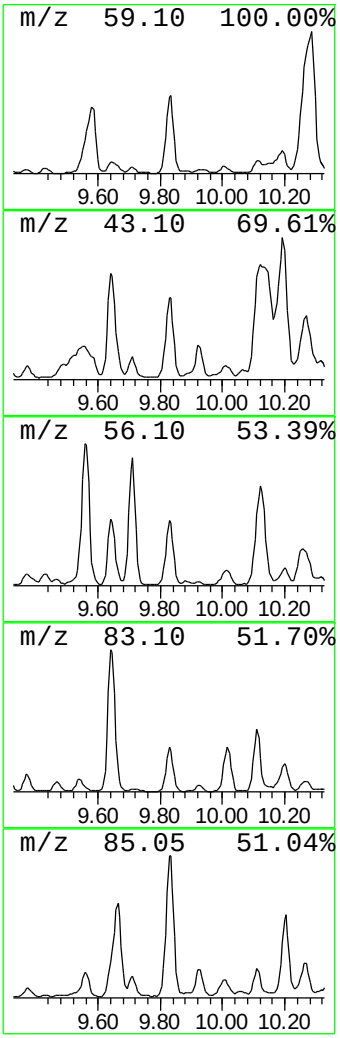
Peak Number 16 unknown-07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	23.75 ng/ul	3110480	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	38
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	27
3	6-Hepten-2-ol, 2,6-dimethyl-	142	C9H18O	032779-58-1	27
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	22
5	1-Cyclohexyl-2-nitro-3-(tetrahyd...	287	C14H25NO5	1000194-56-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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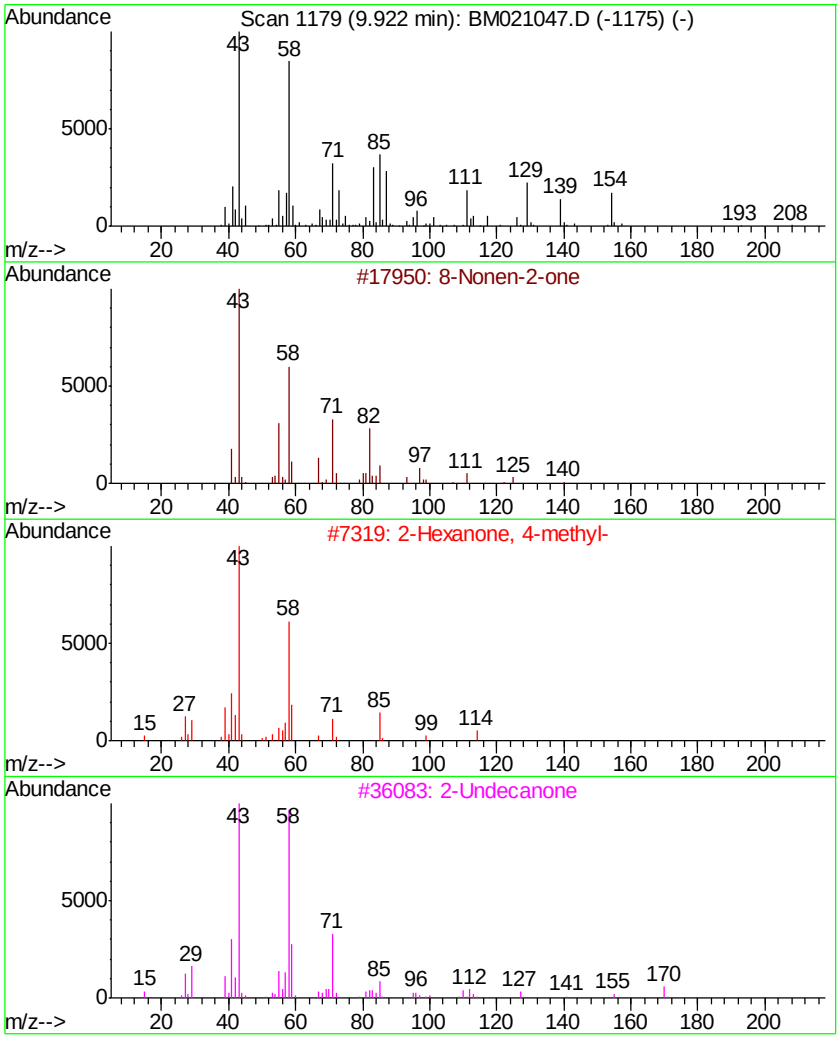
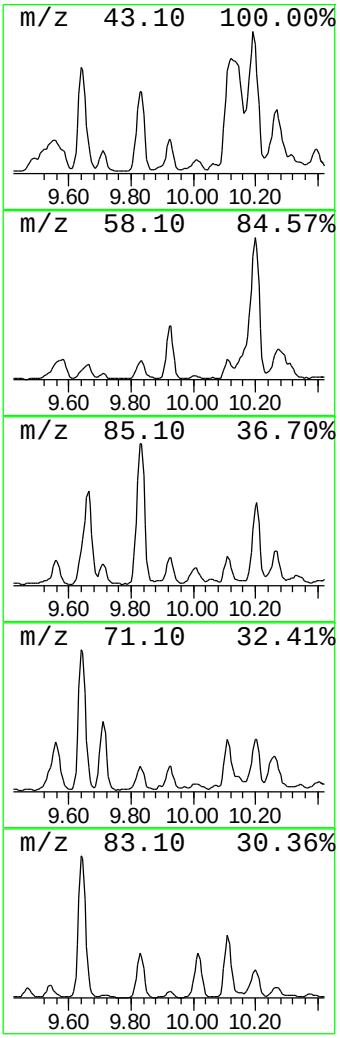
Peak Number 17 unknown-08 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.16 ng/ul	676184	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Nonen-2-one	140	C9H16O	005009-32-5	38
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	35
3	2-Undecanone	170	C11H22O	000112-12-9	35
4	O-Ethyl S-2-dimethylaminoethyl m...	211	C7H18NO2PS	020820-80-8	35
5	Acetic acid, 2-(dimethylamino)et...	131	C6H13NO2	001421-89-2	27





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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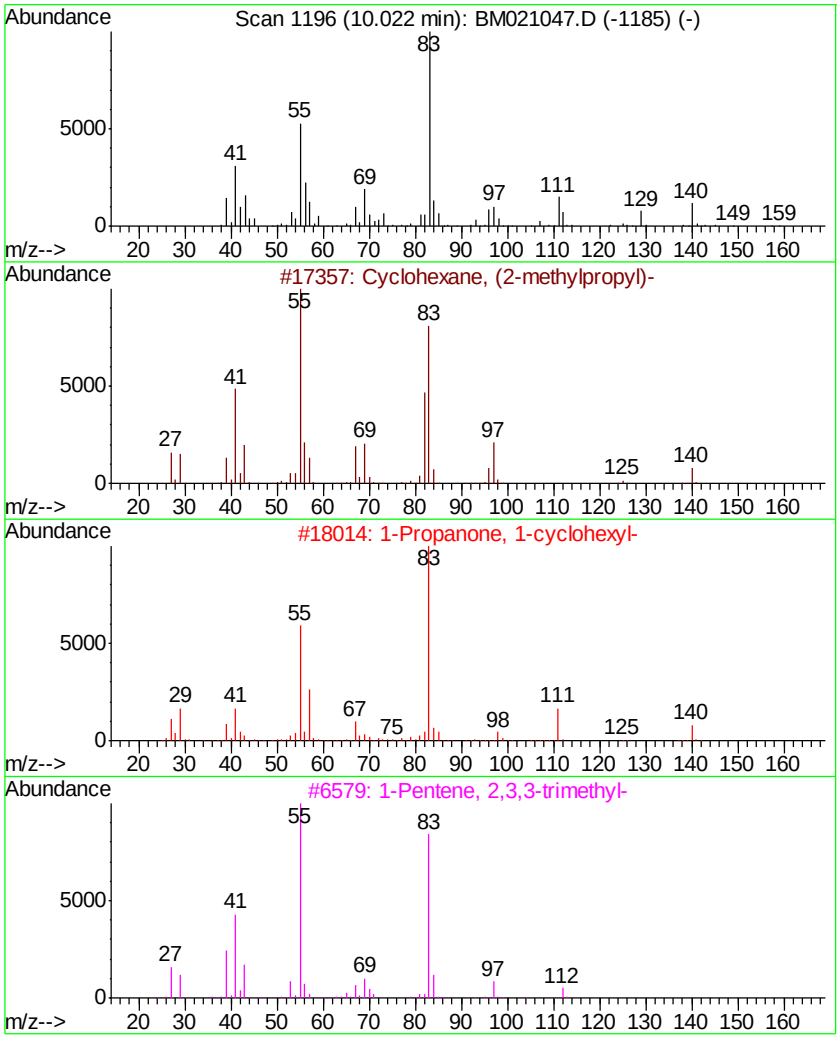
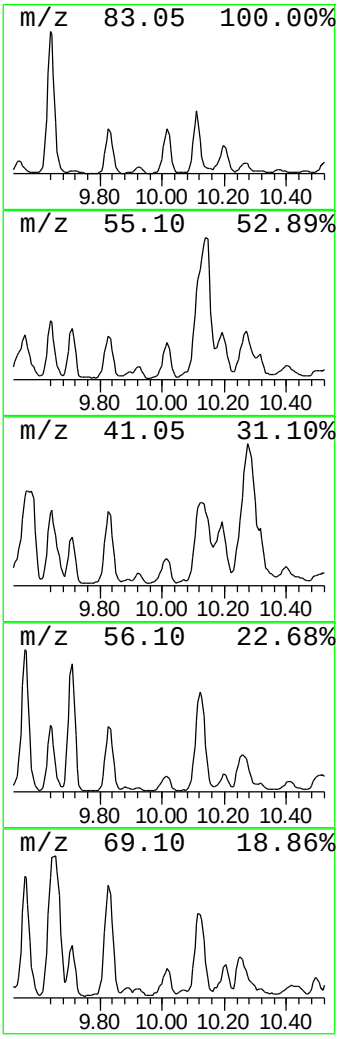
Peak Number 18 (DEL) Alkane: Cyclic10.02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	9.46 ng/ul	1238250	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
2	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	52
3	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	52
4	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	47
5	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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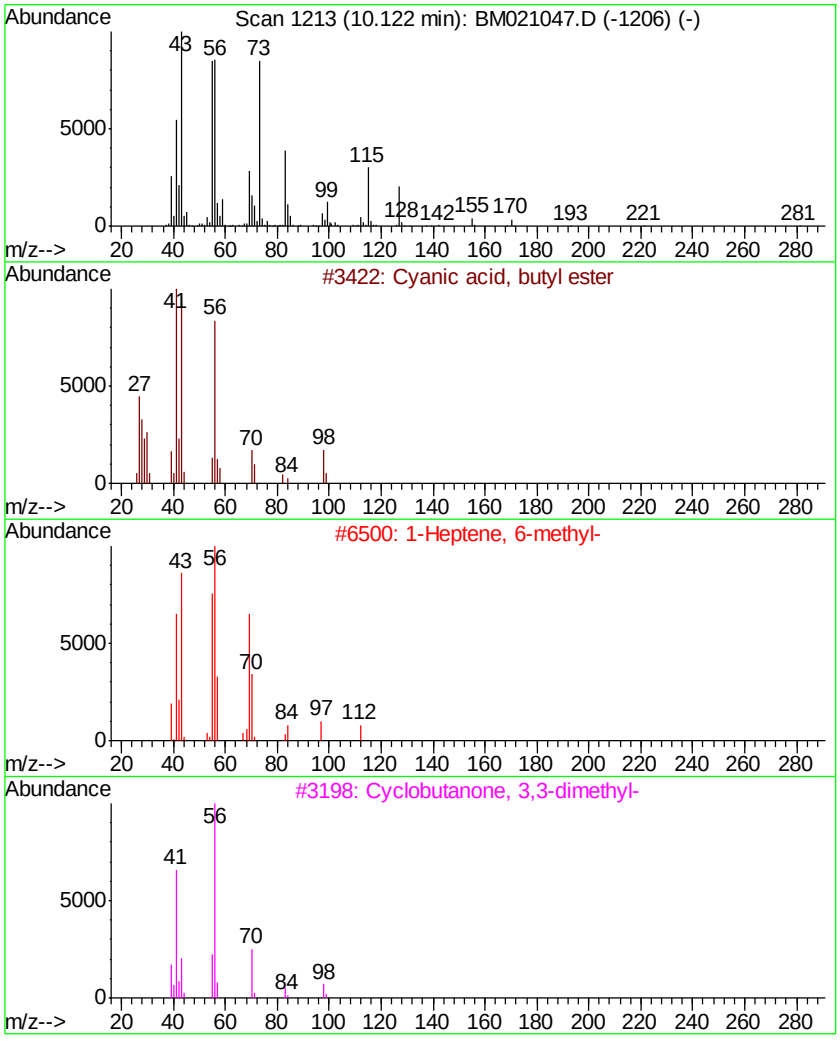
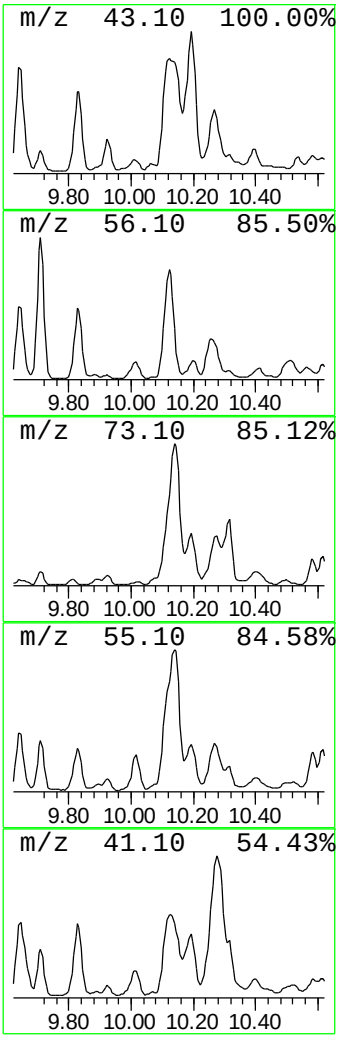
Peak Number 19 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	45.67 ng/ul	5980550	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, butyl ester	99	C5H9NO	001768-24-7	45
2	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	41
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	38
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5	cis-4,6-Dimethylcyclohexane-1,3-...	140	C8H12O2	069841-15-2	38





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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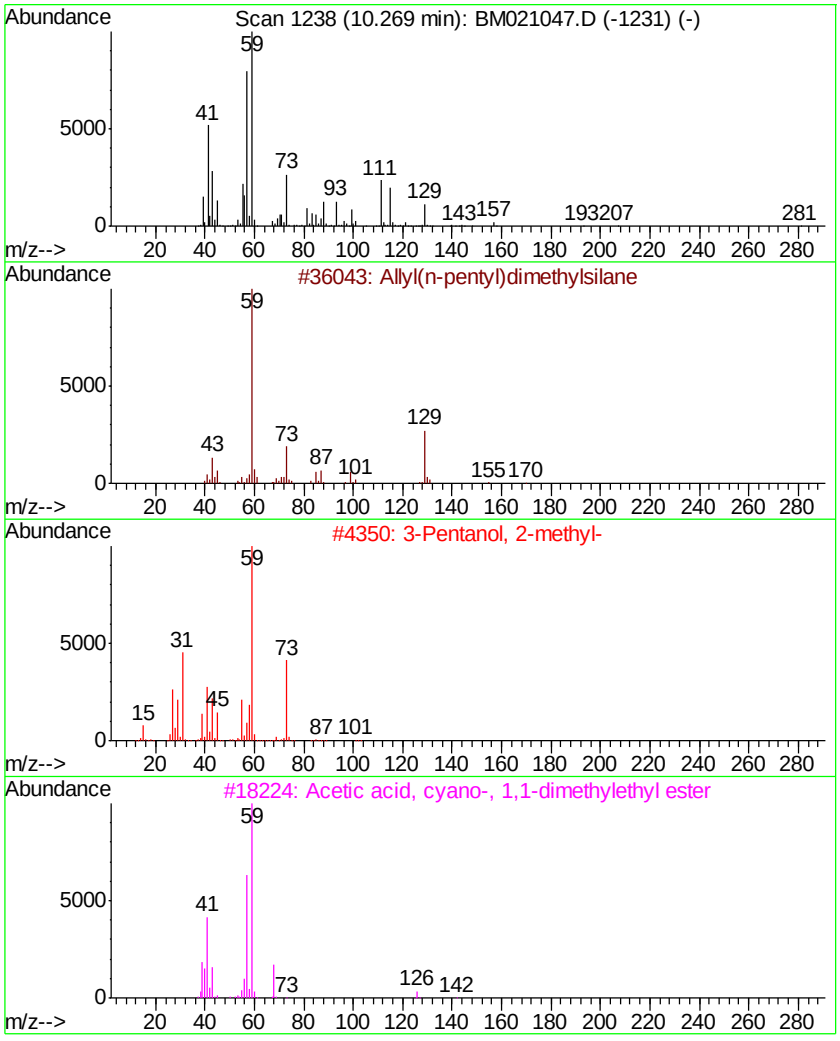
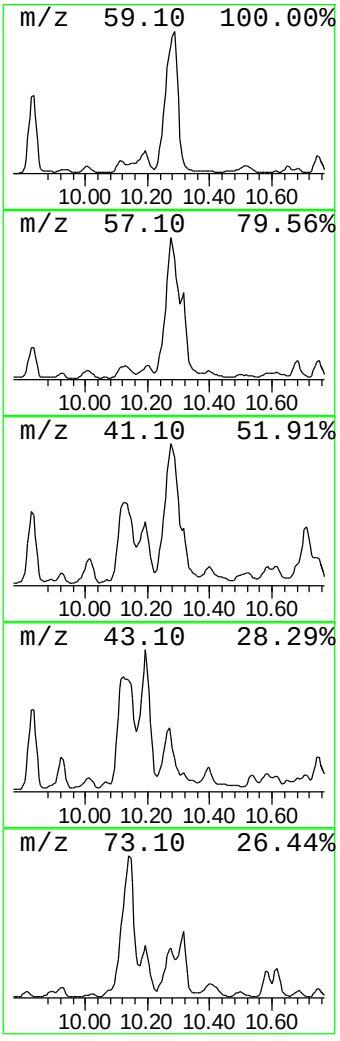
Peak Number 20 unknown-10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	39.19 ng/ul	5131850	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl(n-pentyl)dimethylsilane	170	C10H22Si	136935-68-7	43
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38
5	Methane, tert-butoxyisopropoxy-	146	C8H18O2	004346-01-4	38





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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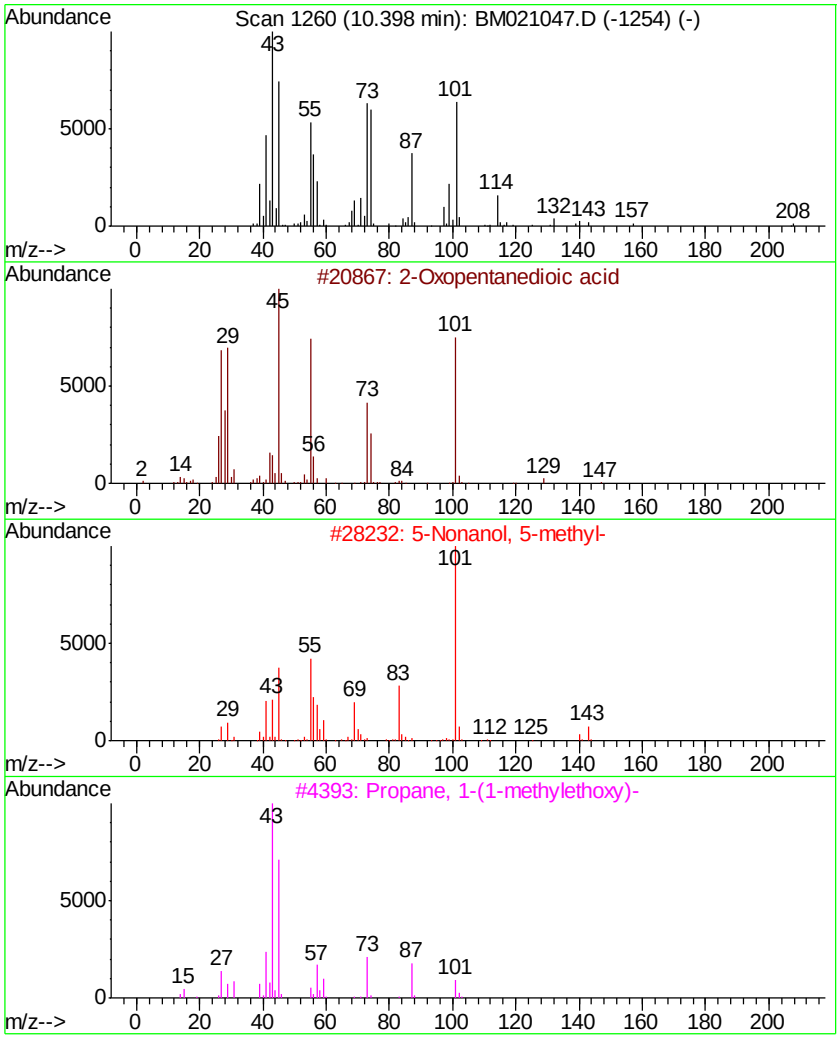
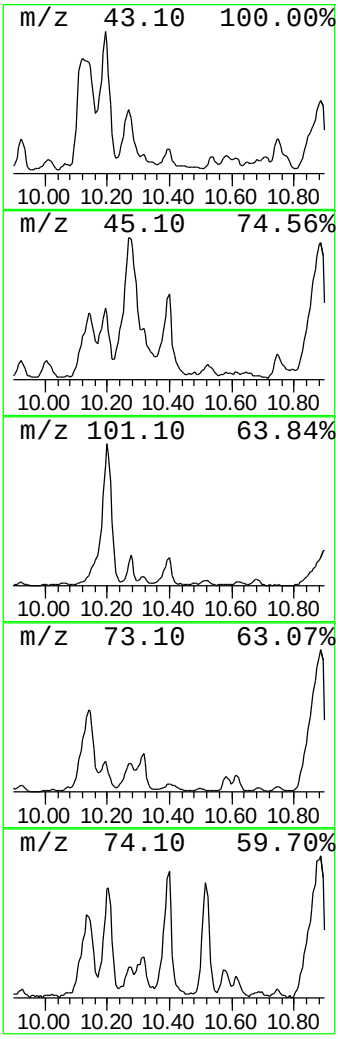
Peak Number 21 2-Oxopentanedioic acid Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.73 ng/ul	881079	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxopentanedioic acid	146	C5H6O5	000328-50-7	50
2	5-Nonanol, 5-methyl-	158	C10H22O	033933-78-7	37
3	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	35
4	Hexane, 3-methoxy-	116	C7H16O	054658-01-4	35
5	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	35





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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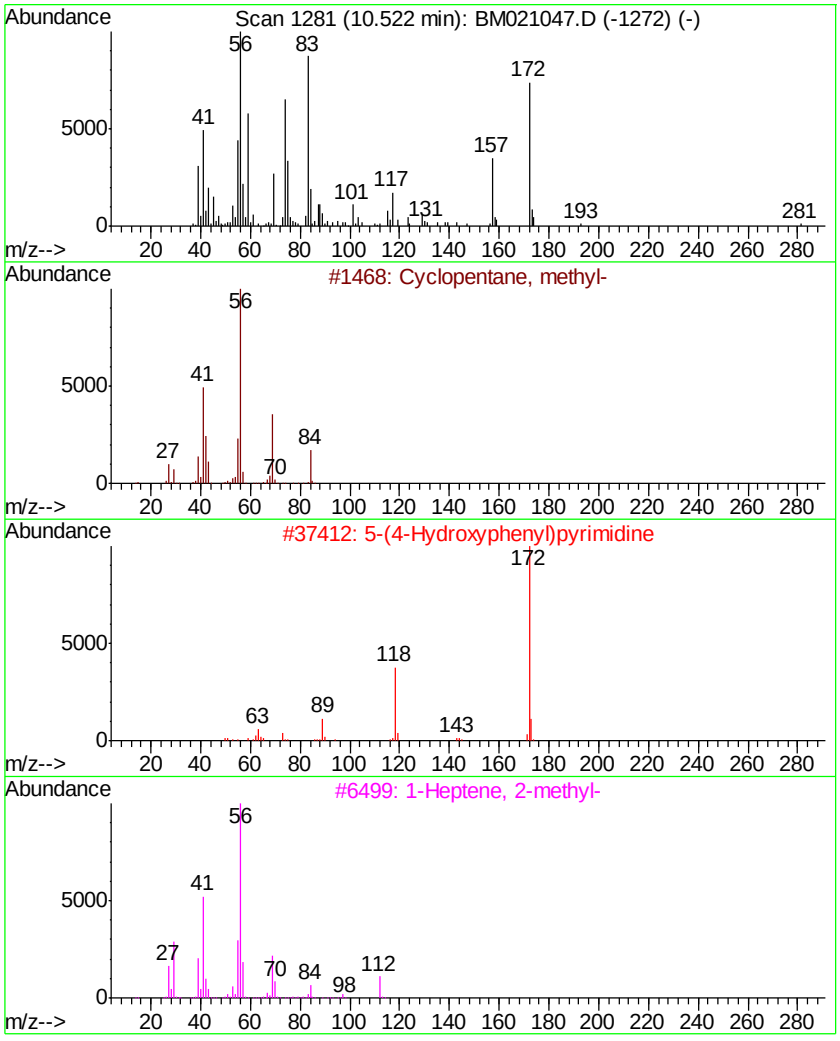
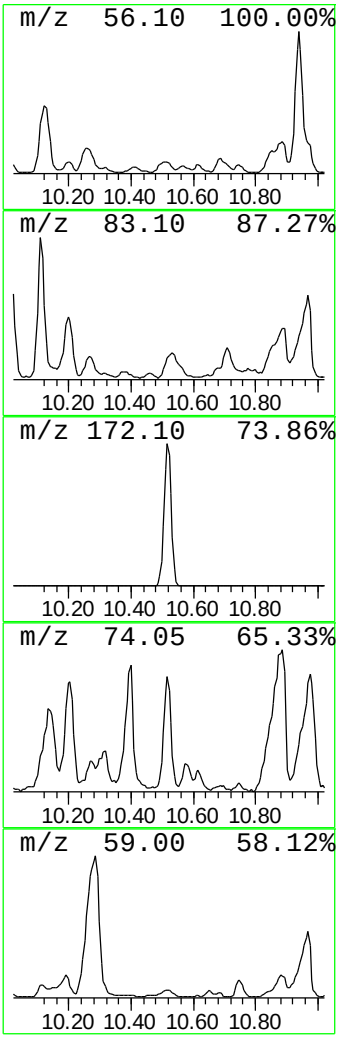
Peak Number 22 (DEL) Alkane: Cyclic10.52 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.29 ng/ul	692686	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	11
2	5-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	069491-51-6	11
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	10
4	1,2-Dimethoxy-3-chloro-benzene	172	C8H9ClO2	090282-99-8	10
5	Phosphinothioic acid, methylphenyl-	172	C7H9OPS	089910-63-4	10





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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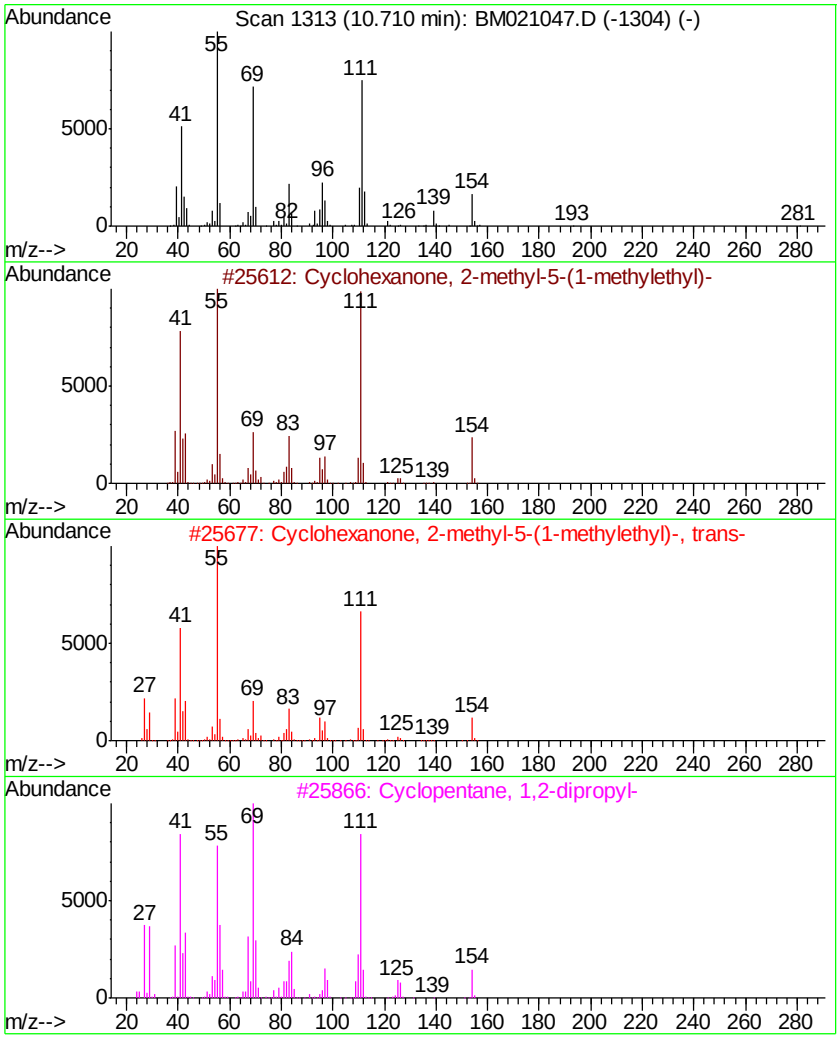
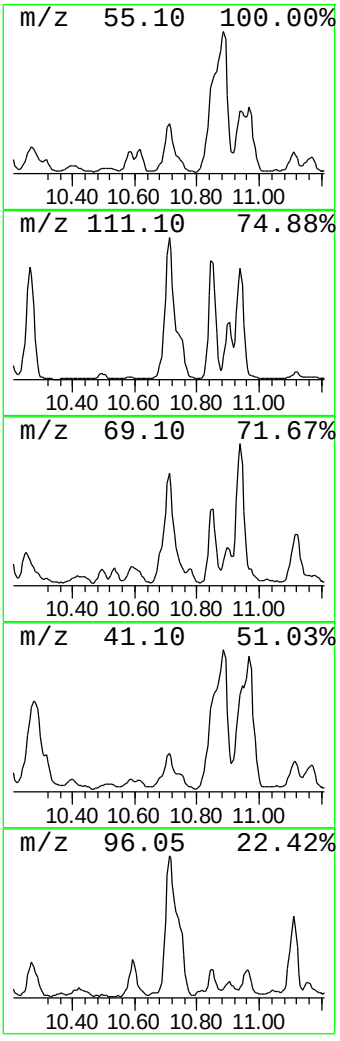
Peak Number 23 Cyclohexanone, 2-methyl-5-(... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	15.02 ng/ul	1966860	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	93
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	000499-70-7	68
3	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	59
4	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	000499-70-7	58
5	1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	50





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Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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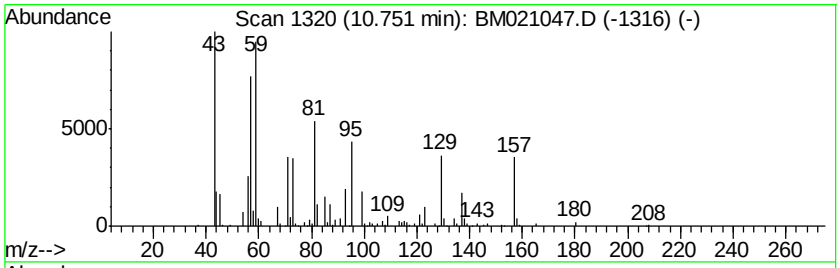
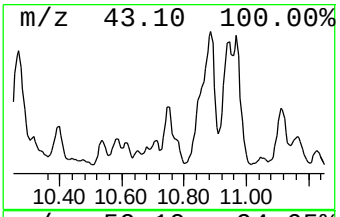
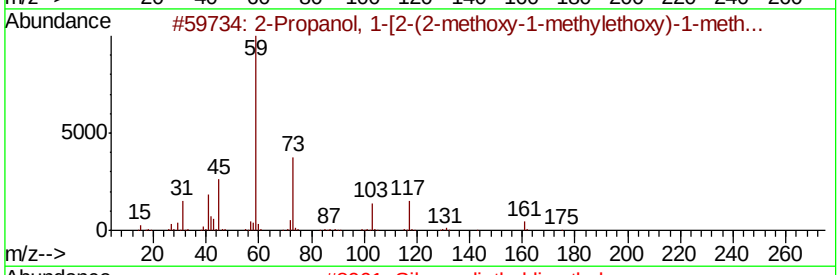
Peak Number 24 unknown-11 Concentration Rank 29

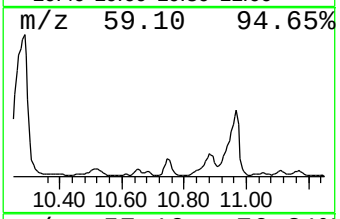
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	10.65 ng/ul	1394470	Naphthalene-d8	10.57

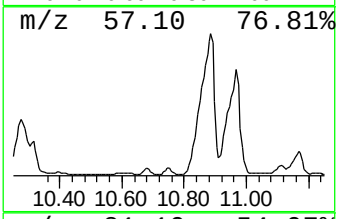
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	27
2	Silane, diethyldimethyl-	116	C6H16Si	000756-81-0	27
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	27
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	27
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	25

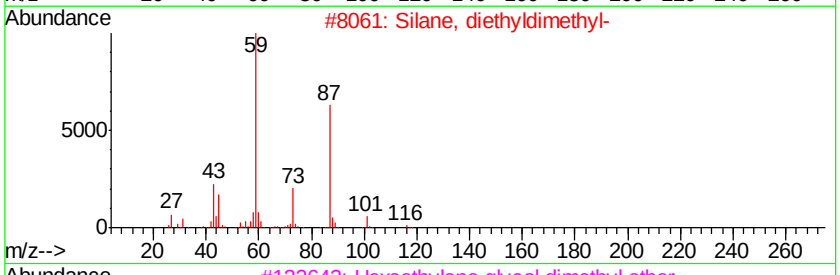


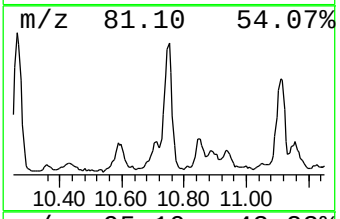


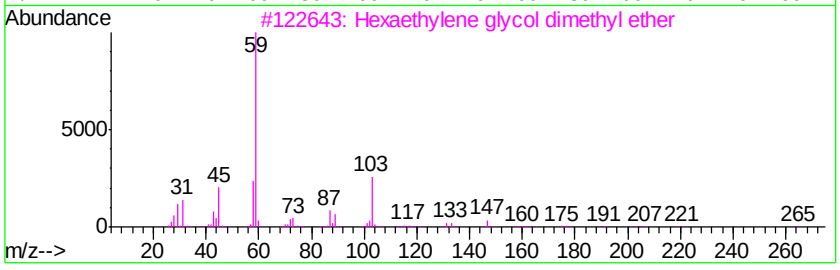


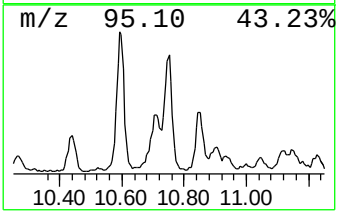












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

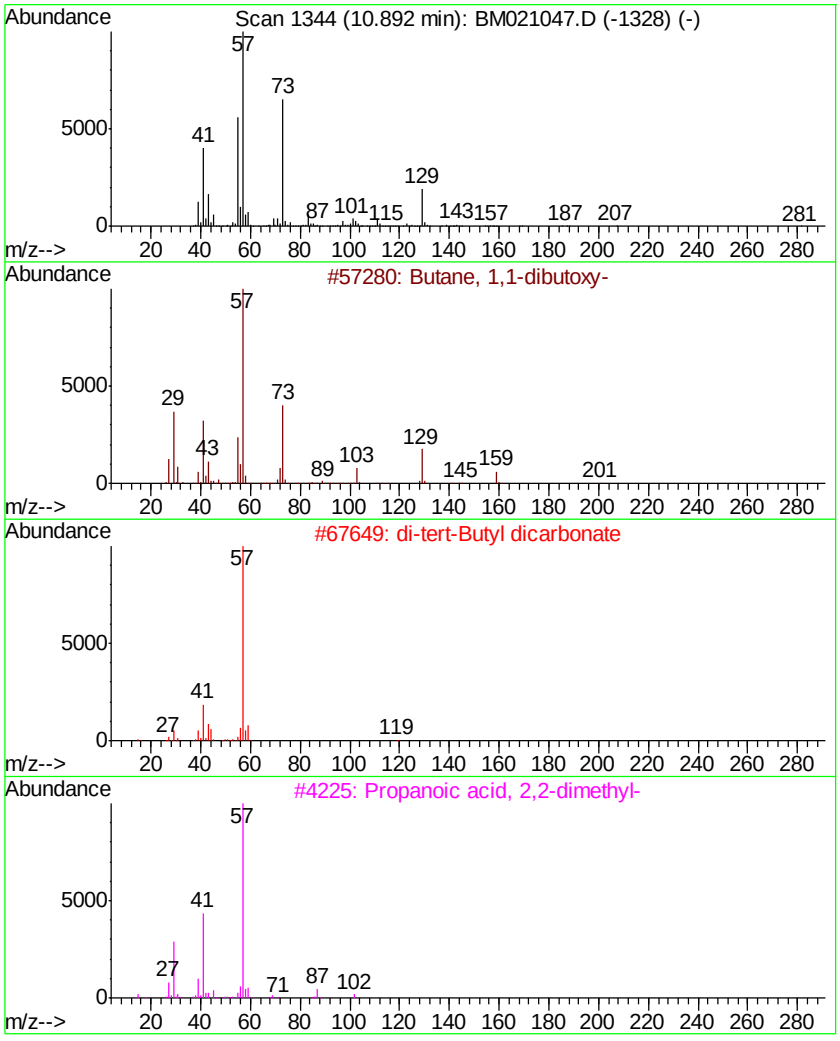
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

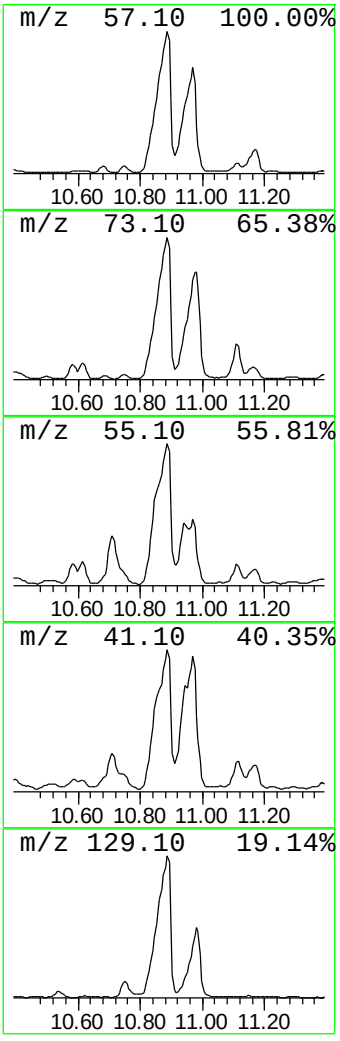
****

Peak Number 25 unknown-12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	94.51 ng/ul	12376300	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1-dibutoxy-	202	C12H26O2	005921-80-2	45
2	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	38
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	32
5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	32





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

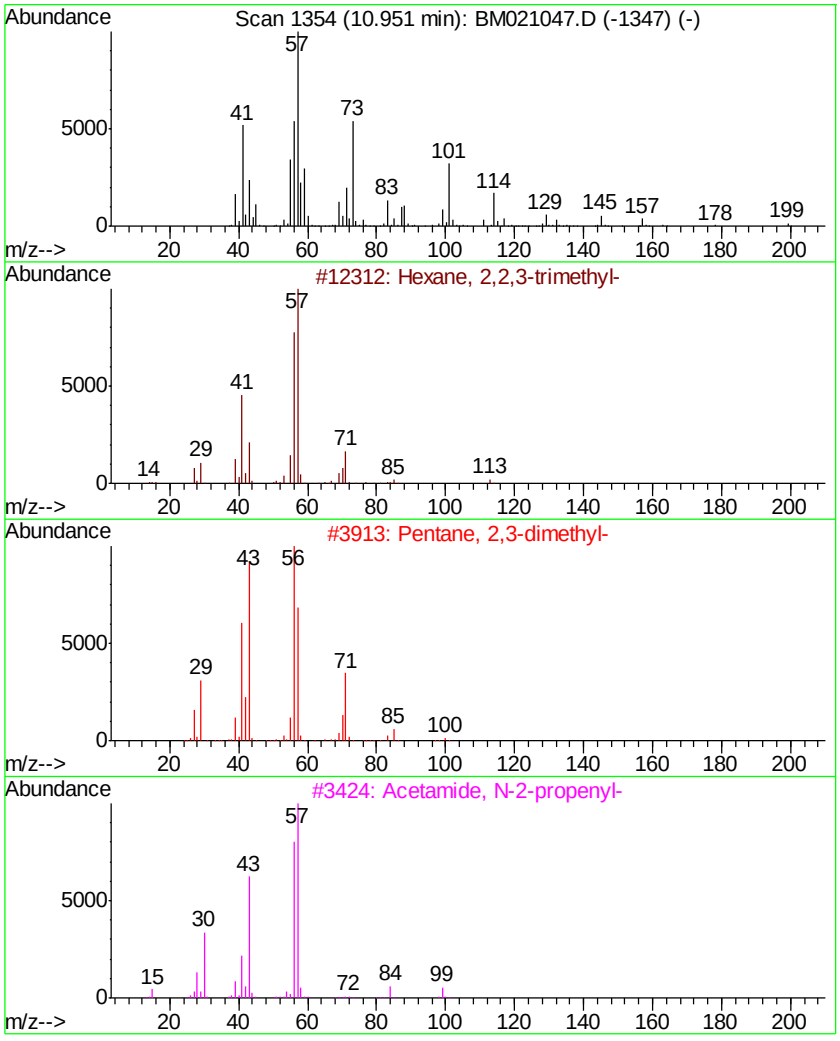
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

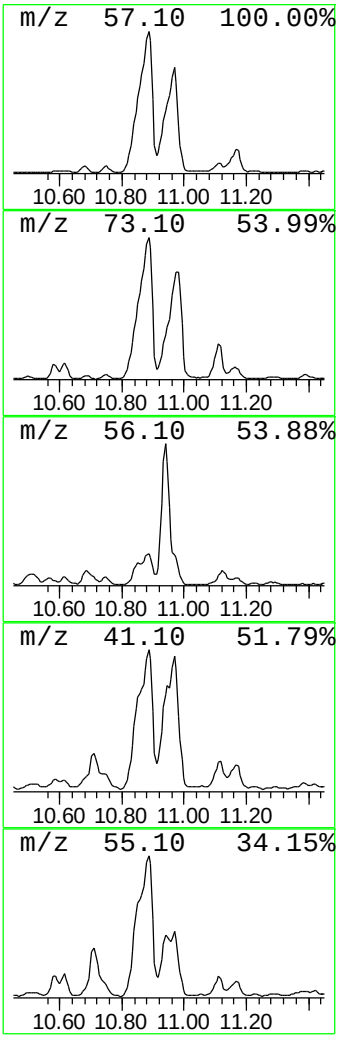
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	42.38 ng/ul	5549890	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	38
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	37
3	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	35
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	35
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

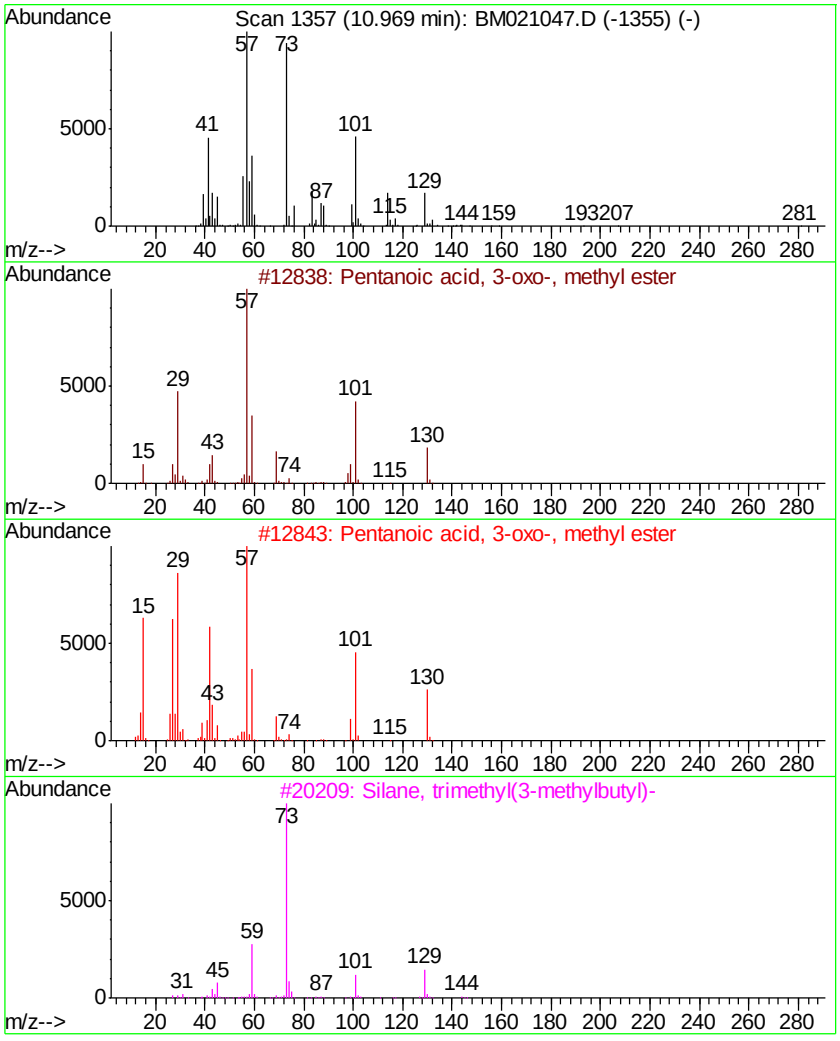
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

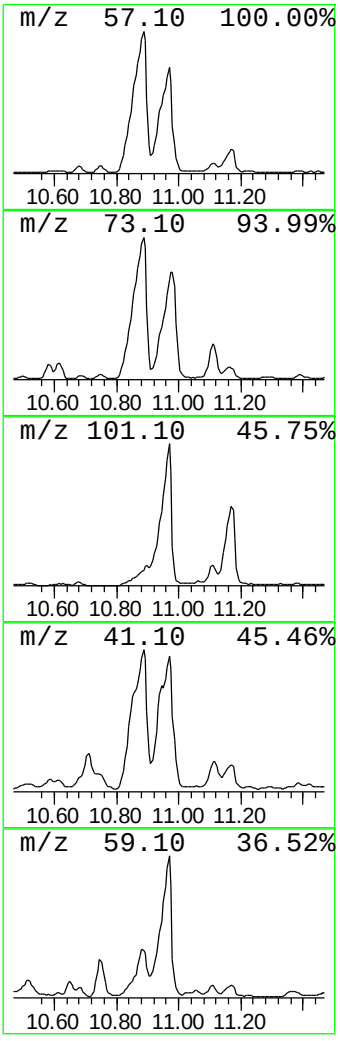
****

Peak Number 27 unknown-13 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	40.57 ng/ul	5312250	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 3-oxo-, methyl e...	130	C6H10O3	030414-53-0	17
2	Pentanoic acid, 3-oxo-, methyl e...	130	C6H10O3	030414-53-0	12
3	Silane, trimethyl(3-methylbutyl)-	144	C8H20Si	018291-15-1	12
4	Silane, trimethyl-4-pentenyl-	142	C8H18Si	000763-21-3	10
5	3,4,4-Trimethyl-3-pentanol	130	C8H18O	007294-05-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

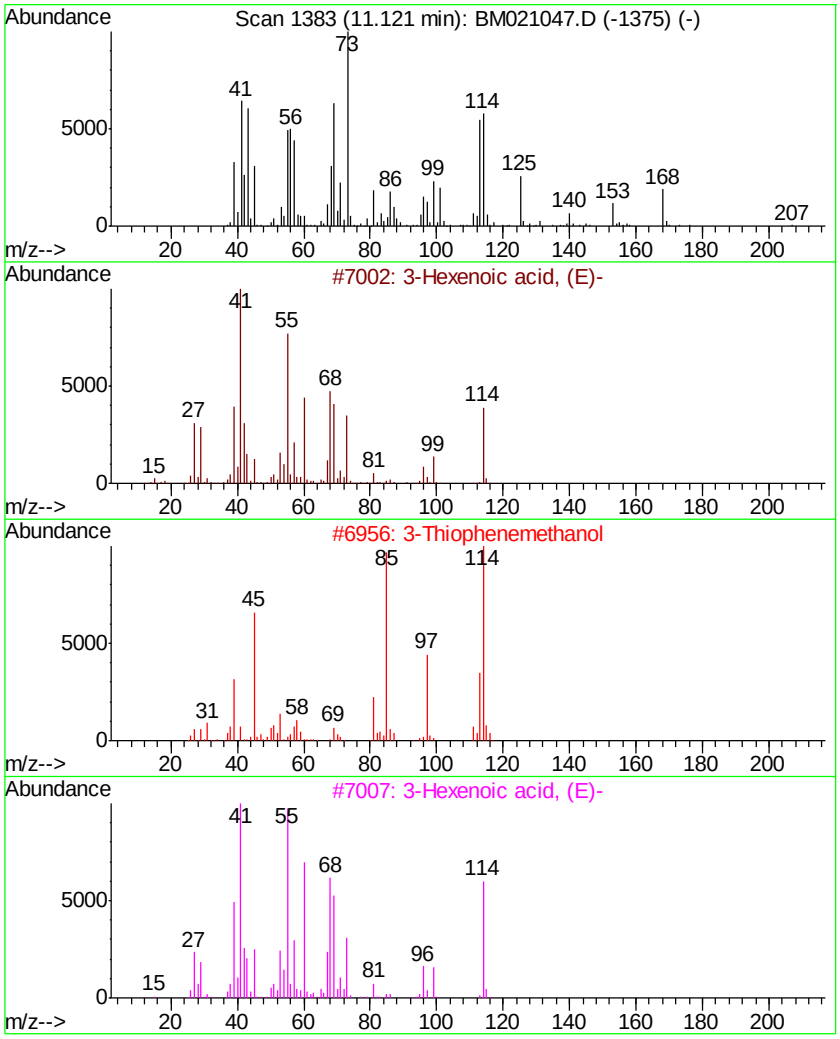
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

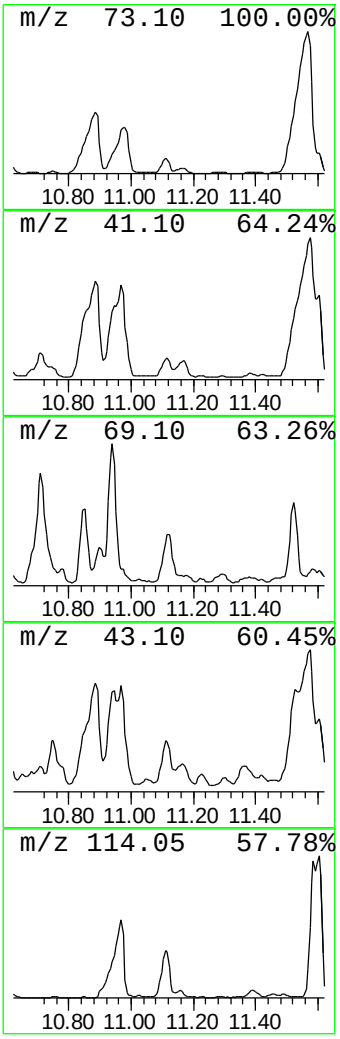
****

Peak Number 28 unknown-14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	16.96 ng/ul	2220550	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexenoic acid, (E)-	114	C6H10O2	001577-18-0	35
2	3-Thiophenemethanol	114	C5H6OS	071637-34-8	27
3	3-Hexenoic acid, (E)-	114	C6H10O2	001577-18-0	27
4	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	25
5	R(+)-6-Methyl-3-isopropyltetrahy...	156	C9H16O2	142636-30-4	25





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

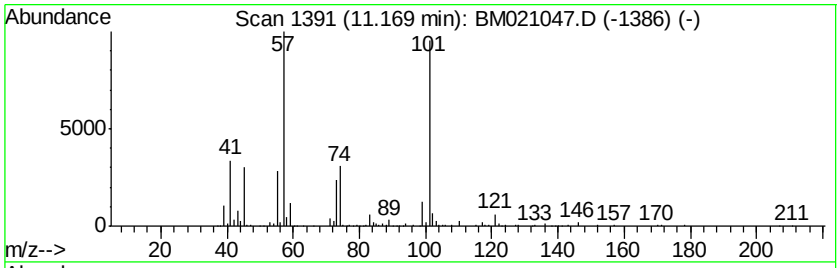
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

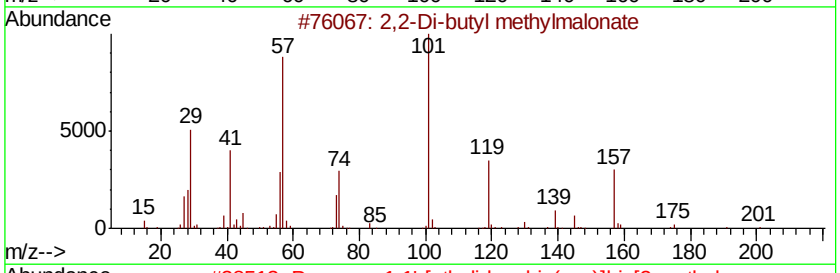
****

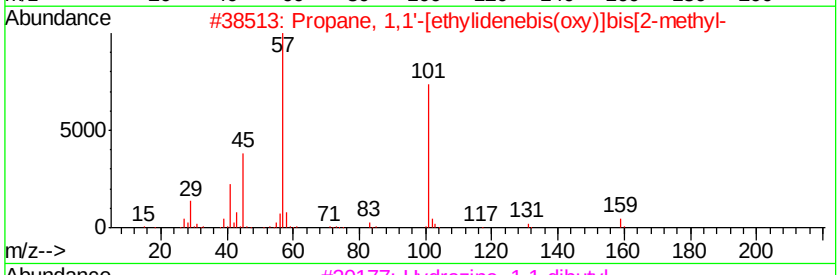
Peak Number 29 2,2-Di-butyl methylmalonate Concentration Rank 22

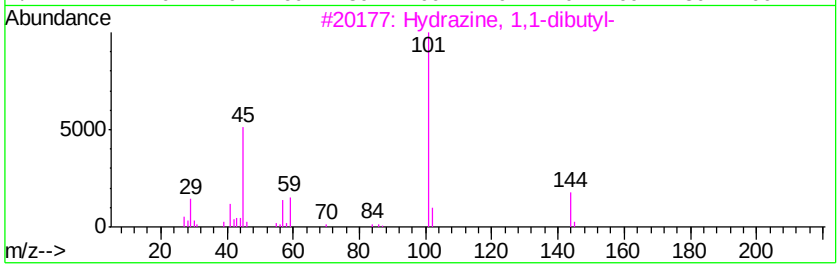
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	13.53 ng/ul	1772200	Naphthalene-d8	10.57

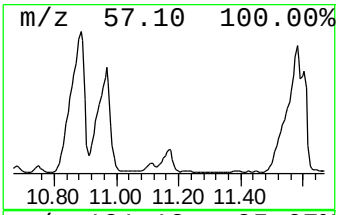
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Di-butyl methylmalonate	230	C12H22O4	036602-12-7	59
2	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	50
3	Hydrazine, 1,1-dibutyl-	144	C8H20N2	007422-80-2	50
4	1-Ethyl-1-hydroxy-1-silacyclopen...	130	C6H14OSi	1000279-35-4	45
5	Propanedioic acid, methyl-, bis(...	230	C12H22O4	057983-27-4	45

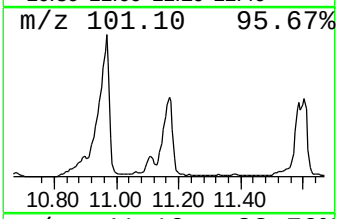


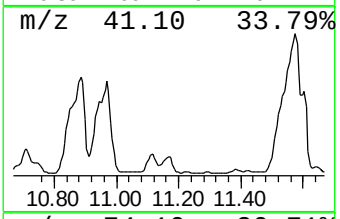


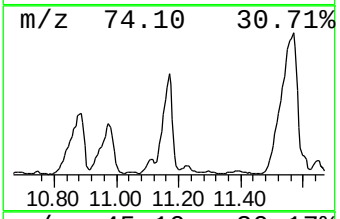


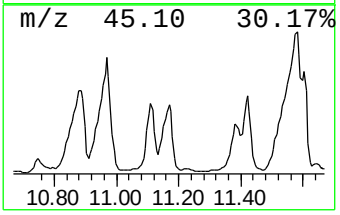












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

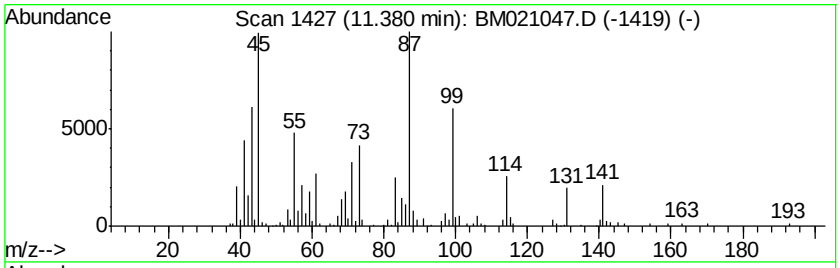
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

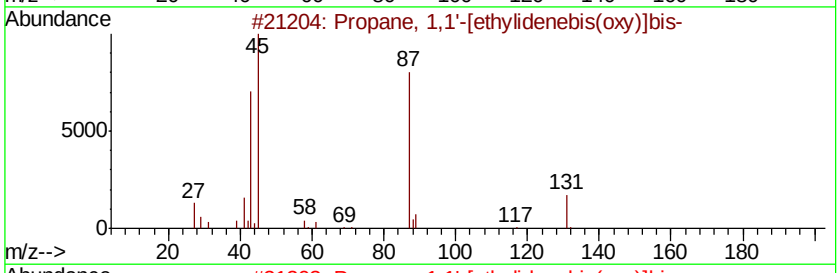
****

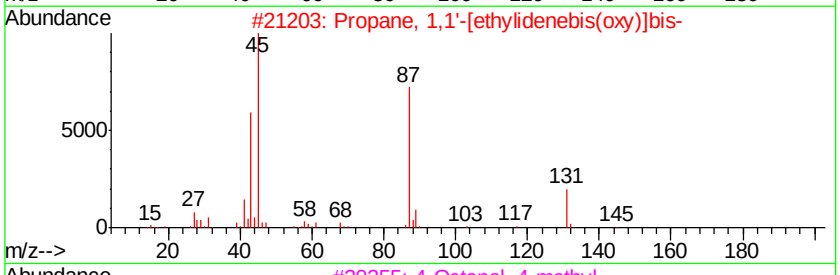
Peak Number 30 unknown-15 Concentration Rank 46

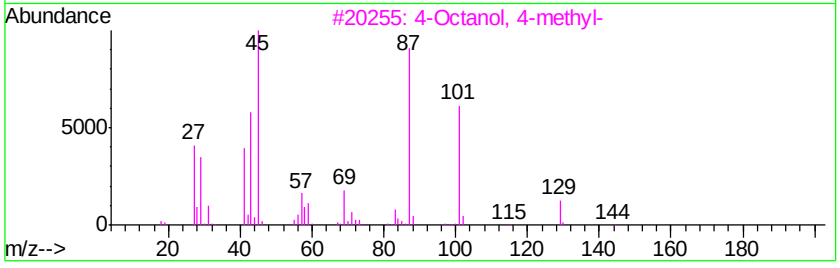
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	5.40 ng/ul	707269	Naphthalene-d8	10.57

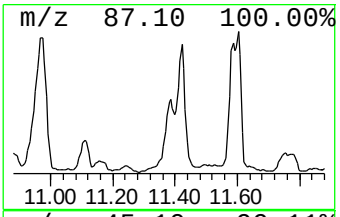
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-[ethylidenebis(oxy...	146	C8H18O2	000105-82-8	43
2	Propane, 1,1'-[ethylidenebis(oxy...	146	C8H18O2	000105-82-8	43
3	4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	38
4	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	38
5	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	38

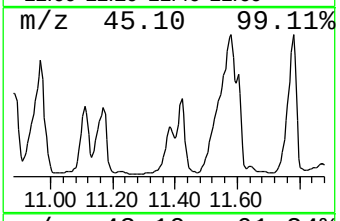


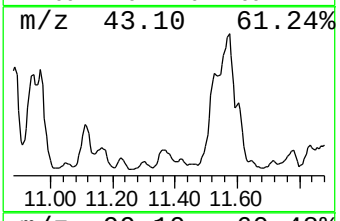


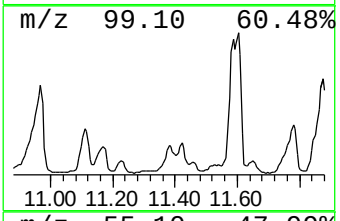


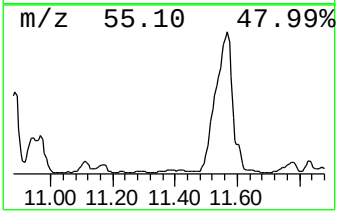












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

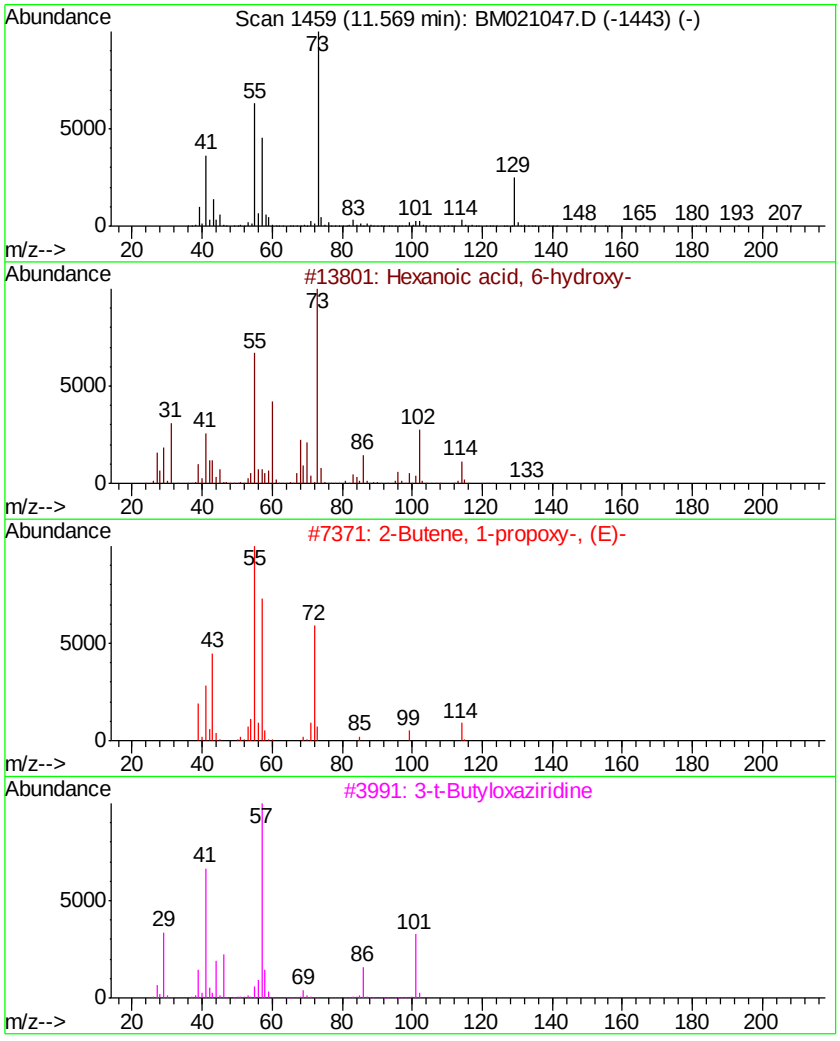
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

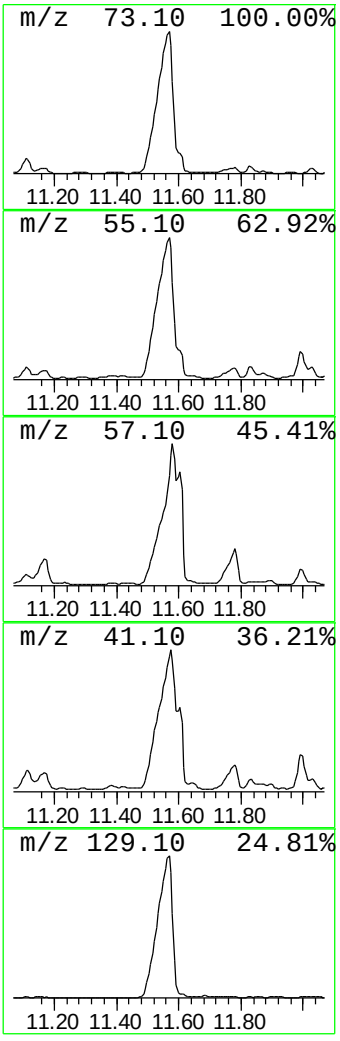
****

Peak Number 31 unknown-16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	160.23 ng/ul	20980800	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 6-hydroxy-	132	C6H12O3	001191-25-9	25
2	2-Butene, 1-propoxy-, (E)-	114	C7H14O	056052-71-2	22
3	3-t-Butyloxaziridine	101	C5H11NO	1000195-05-2	14
4	Butanedioic acid, 2-methyl-3-oxo...	202	C9H14O5	000759-65-9	12
5	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	12





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Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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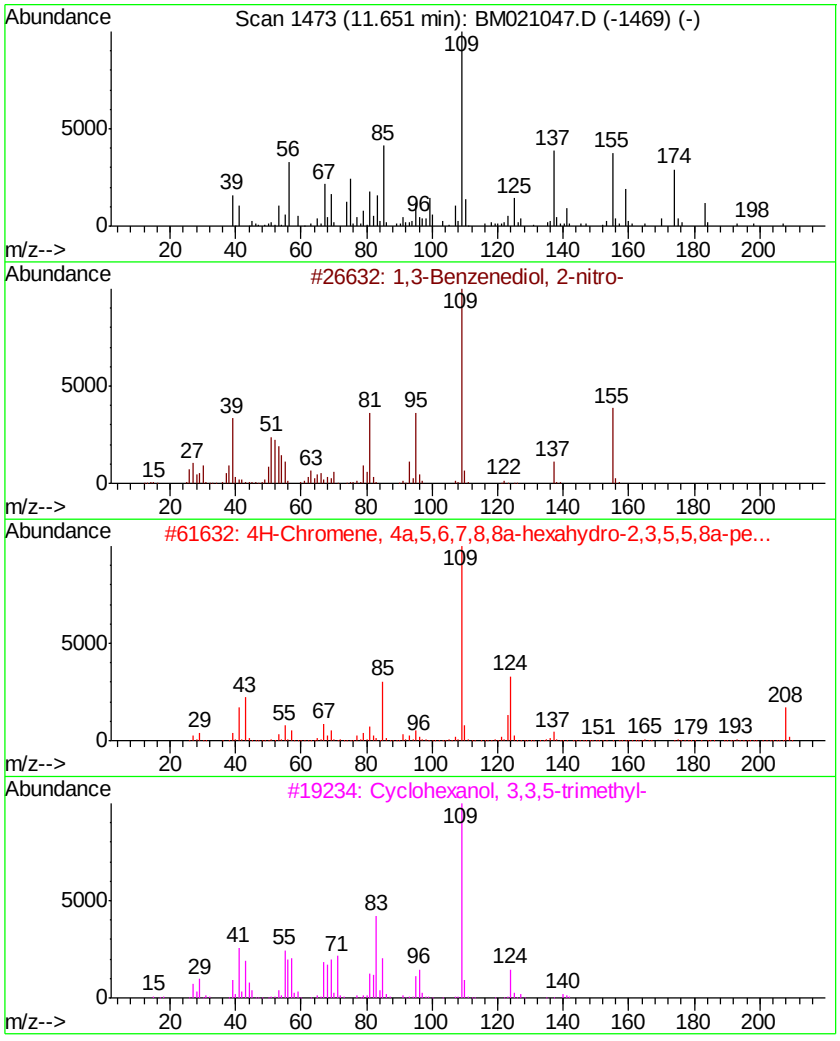
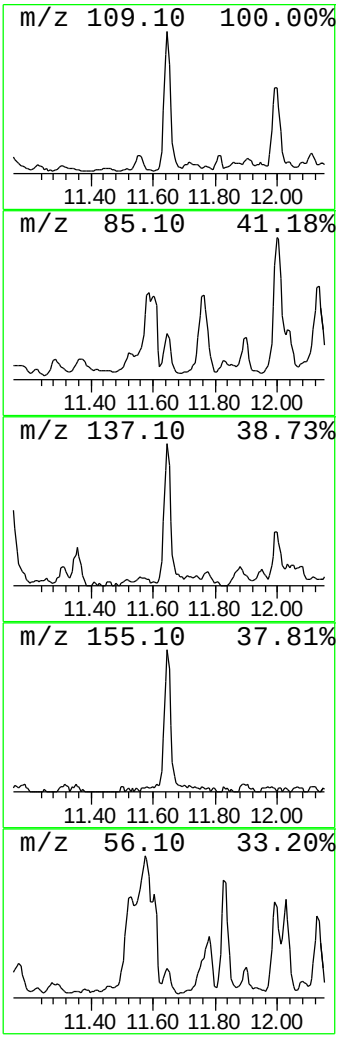
Peak Number 32 unknown-17 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.53 ng/ul	592818	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, 2-nitro-	155	C6H5NO4	000601-89-8	43
2	4H-Chromene, 4a,5,6,7,8,8a-hexah...	208	C14H24O	1000196-77-4	37
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35
4	5-Ethoxy-2-methyl-pyridine	137	C8H11NO	055270-48-9	32
5	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

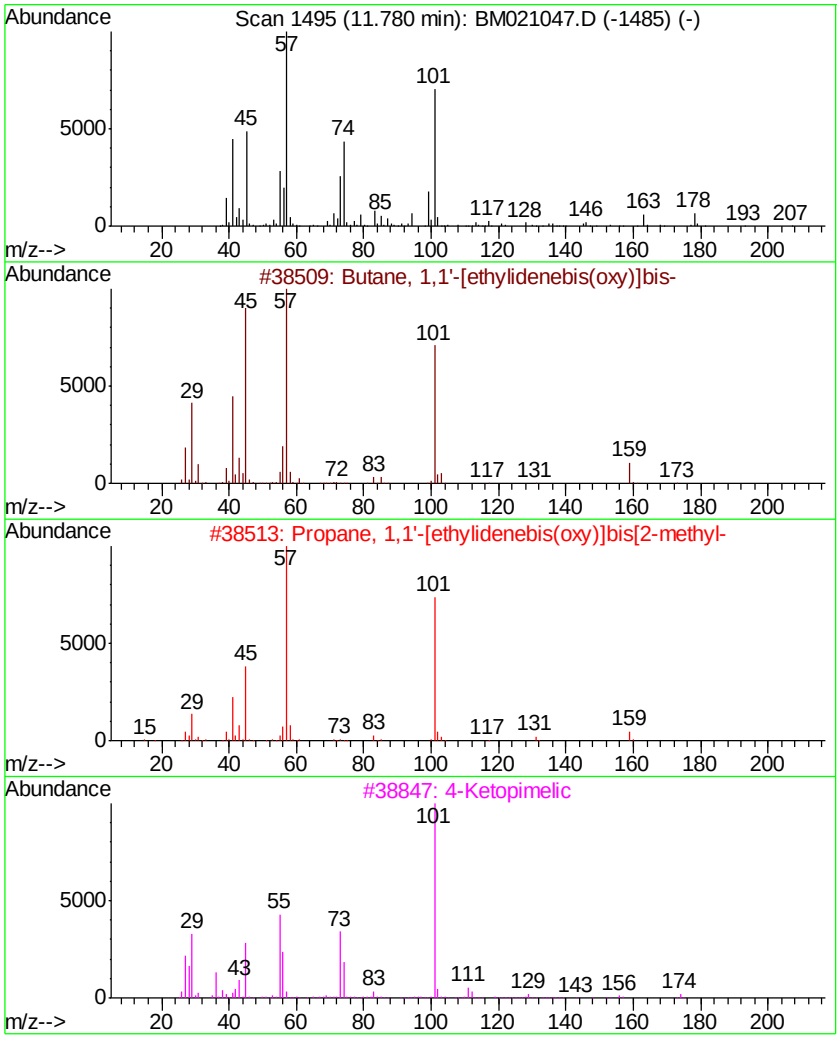
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

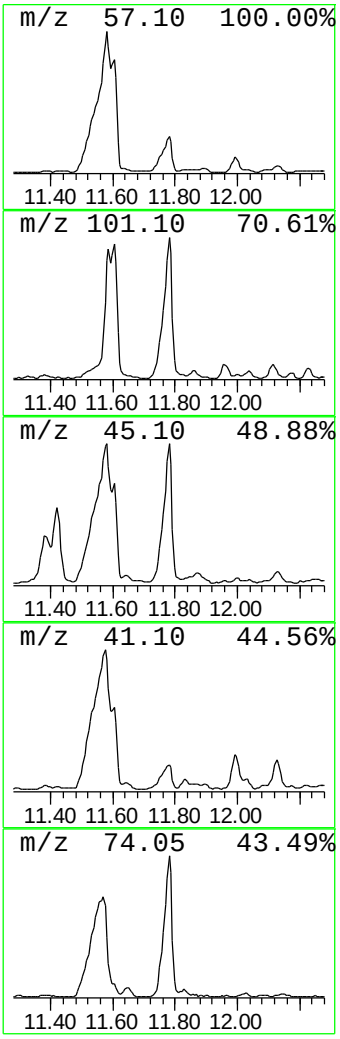
****

Peak Number 33 unknown-18 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	18.15 ng/ul	2376020	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	47
2	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	38
3	4-Ketopimelic	174	C7H10O5	000502-50-1	32
4	Hexadecanoic acid, 3,7,11,15-tet...	326	C21H42O2	001118-77-0	32
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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

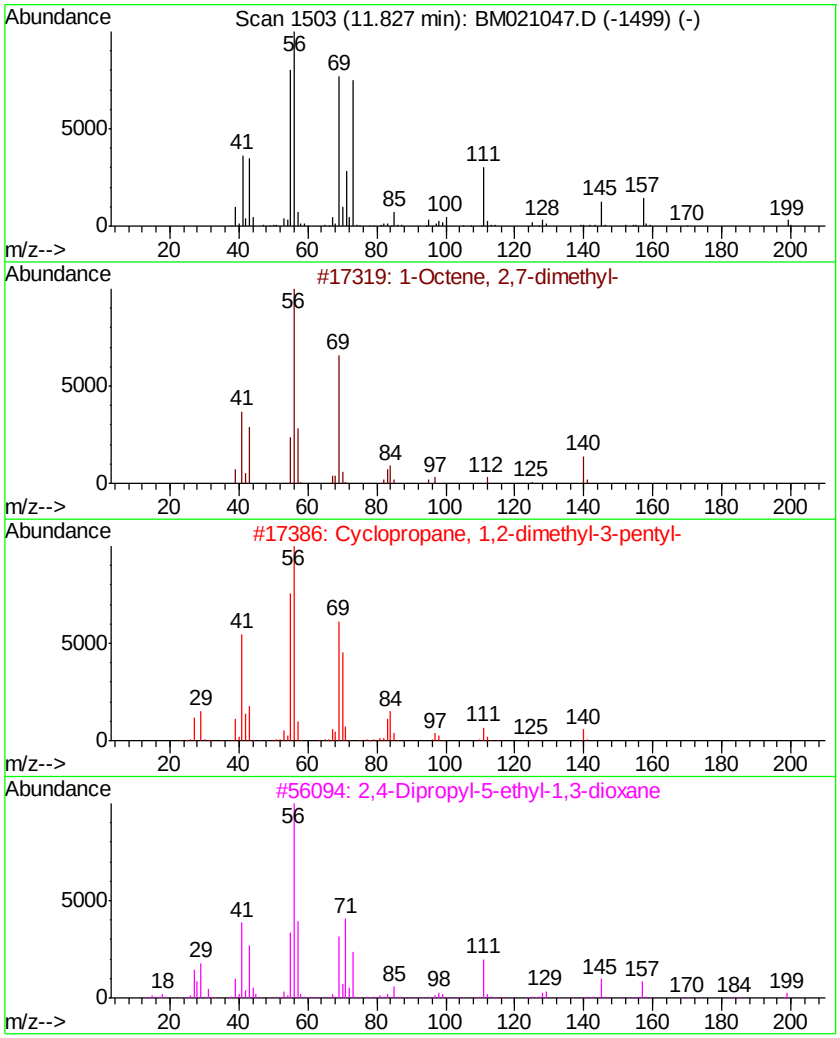
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

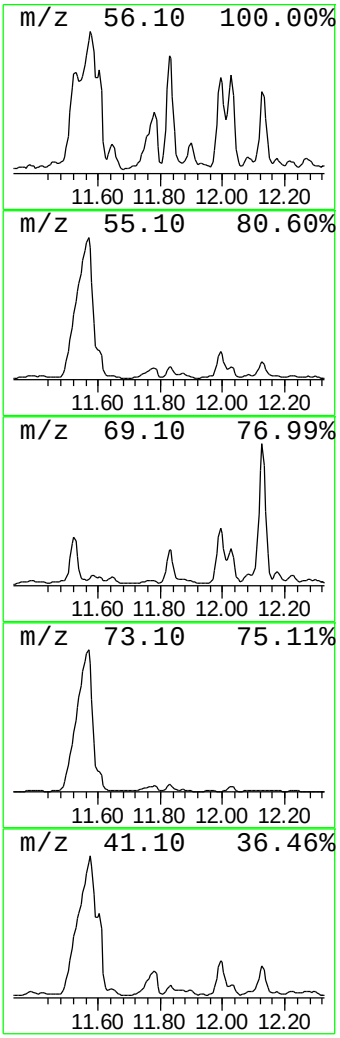
****

Peak Number 34 (DEL) Alkane: Cyclic11.83 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	6.38 ng/ul	835079	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	47
2	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-05-5	40
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	27
5	Methyl bis(methoxycarbonyl)methy...	175	C6H9NO5	062619-42-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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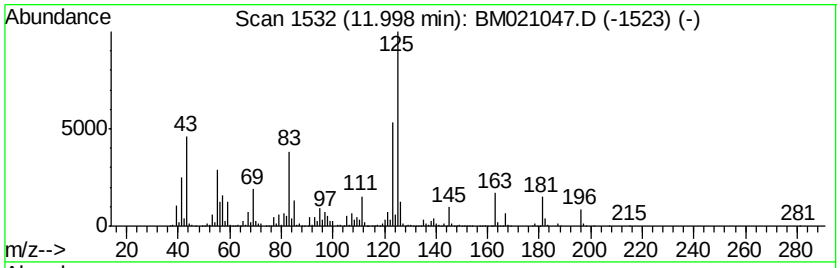
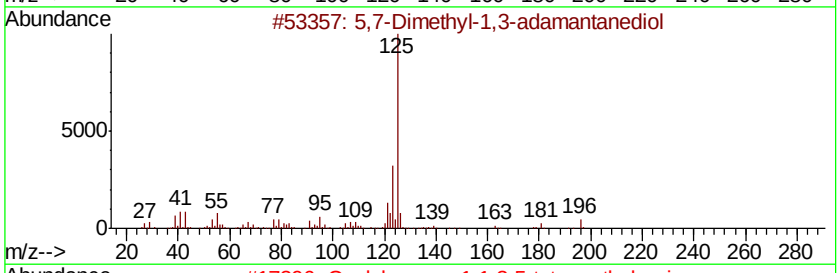
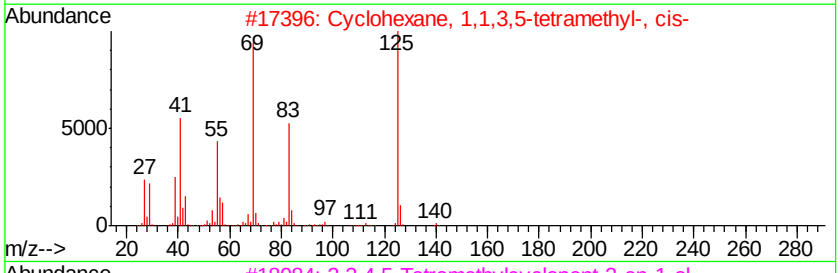
Peak Number 35 unknown-19 Concentration Rank 7

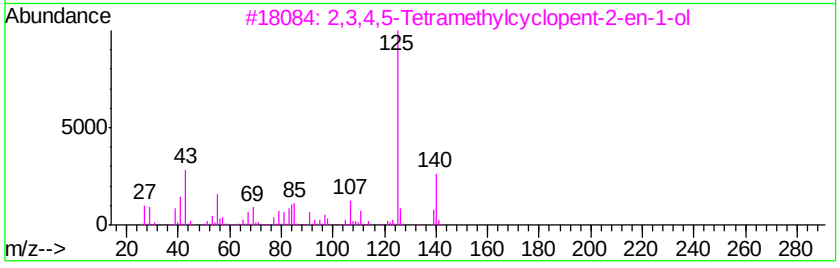
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	46.56 ng/ul	6096520	Naphthalene-d8	10.57

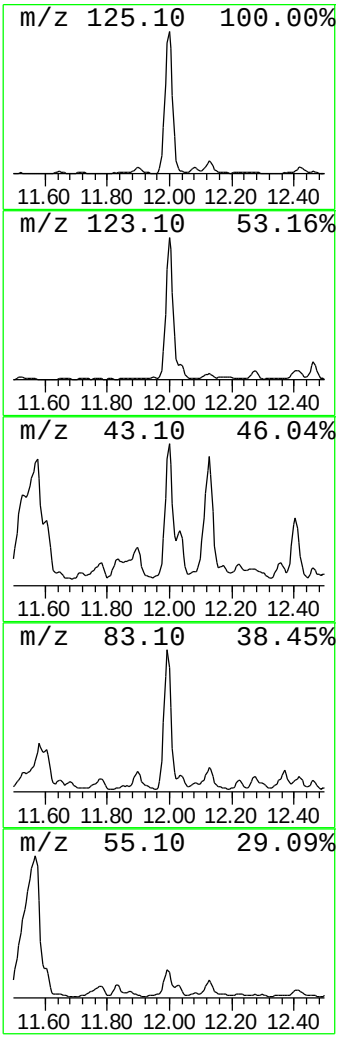
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethyl-1,3-adamantanediol	196	C12H20O2	010347-01-0	49
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
3	2,3,4,5-Tetramethylcyclopent-2-e...	140	C9H16O	082061-20-9	38
4	3-Picoline, 6-(tert-butylthio)-	181	C10H15NS	018794-46-2	38
5	1-Ethyl-4,4-dimethyl-cyclohex-2-...	154	C10H18O	073741-64-7	38











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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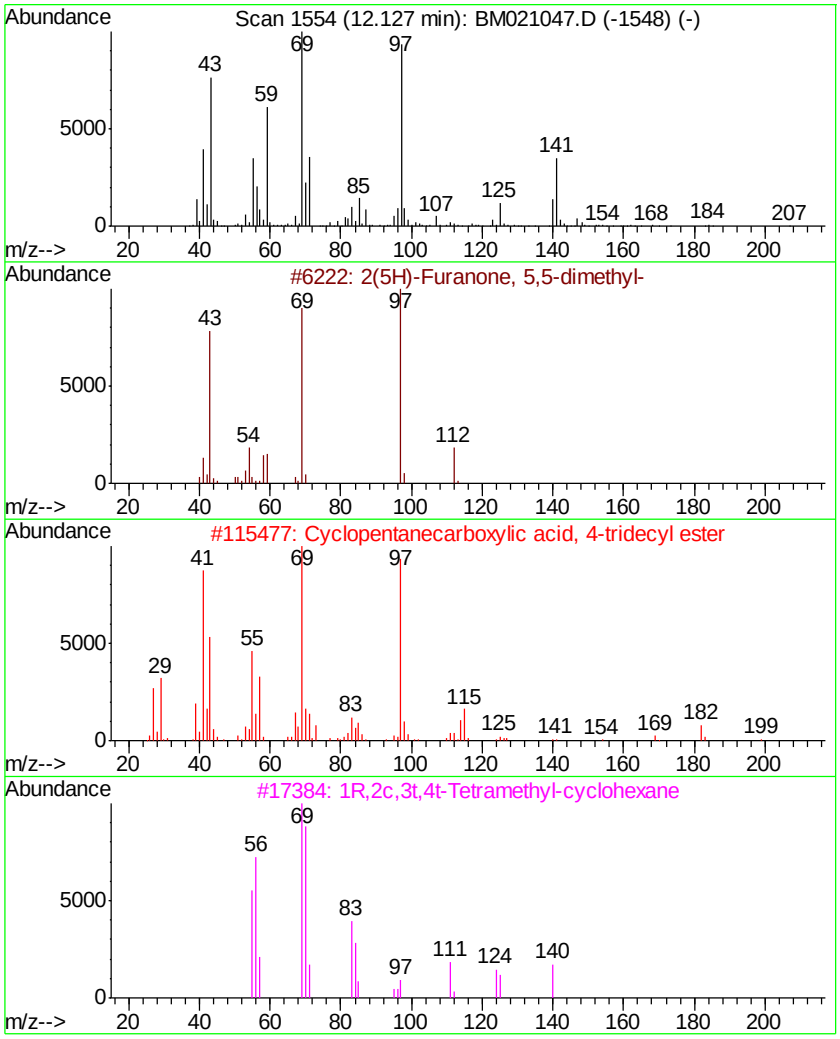
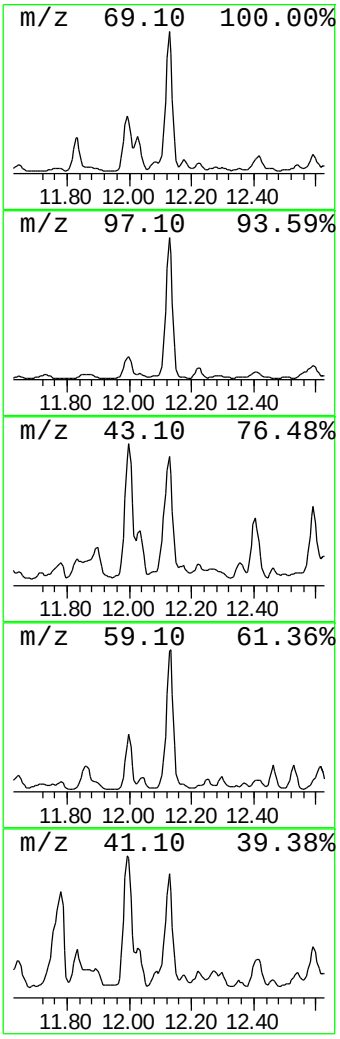
Peak Number 36 unknown-20 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	26.11 ng/ul	3418810	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	47
2	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	40
3	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	35
4	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	30
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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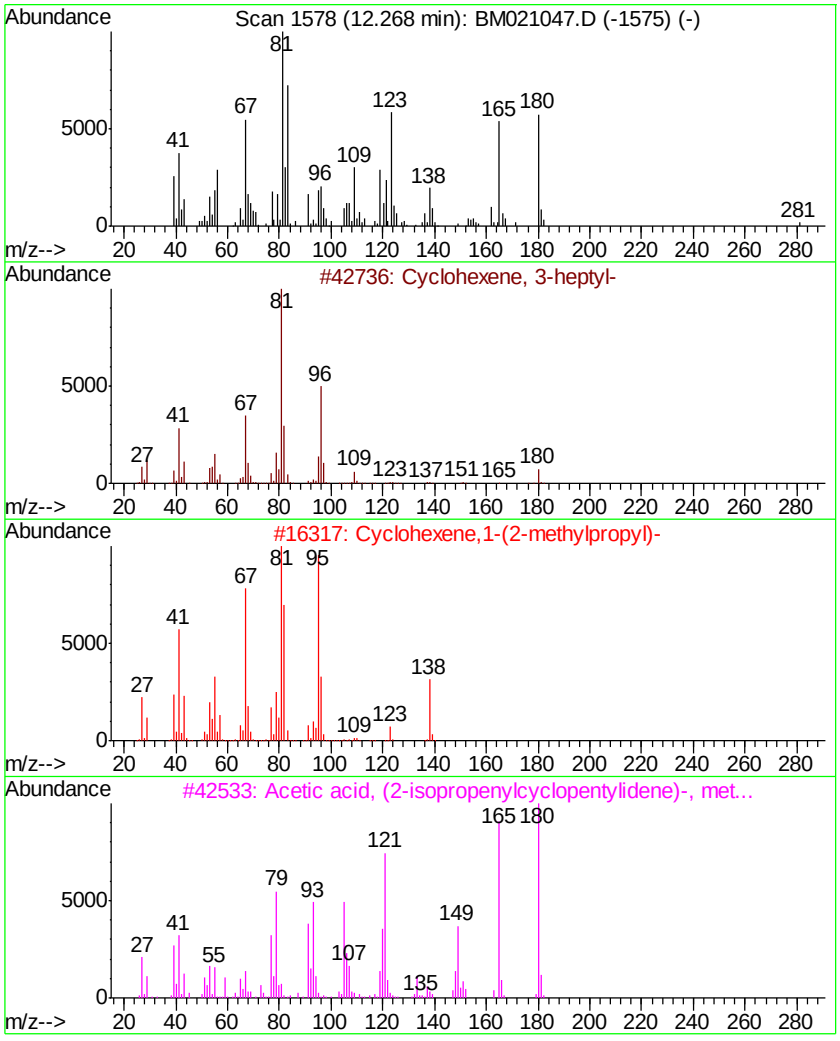
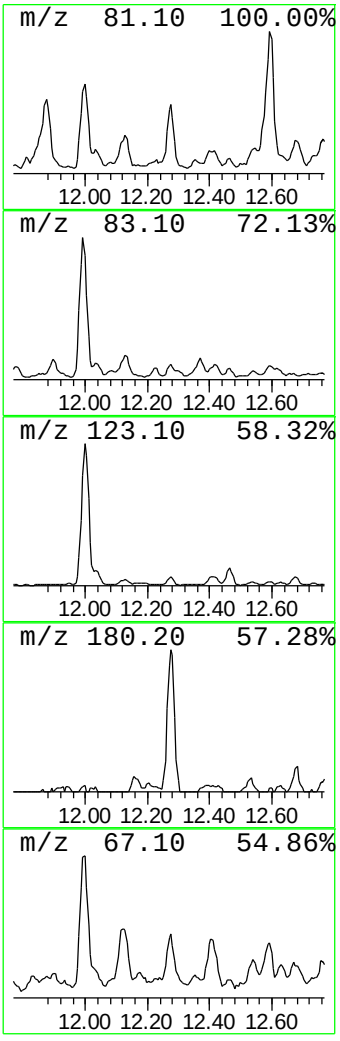
Peak Number 37 unknown-21 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	6.06 ng/ul	793595	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	35
2	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	18
3	Acetic acid, (2-isopropenylcyclo...	180	C11H16O2	176753-50-7	15
4	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	15
5	Cyclohexene,1-heptyl-	180	C13H24	015232-86-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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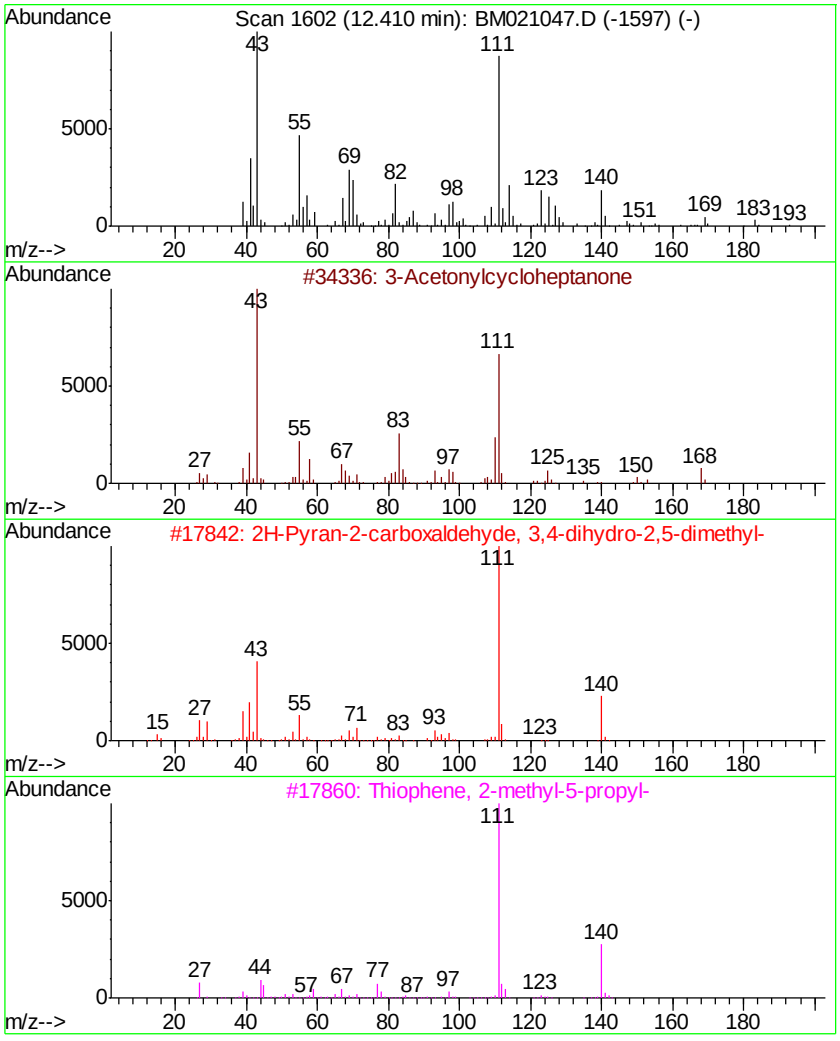
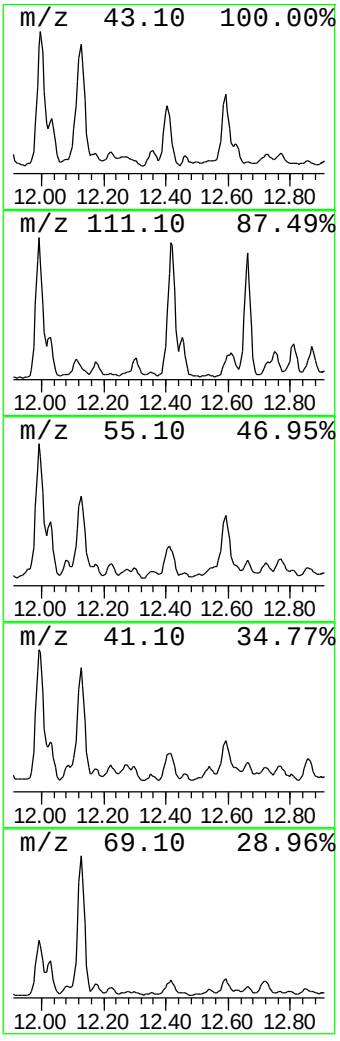
Peak Number 38 3-Acetonylcycloheptanone Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	7.90 ng/ul	1035090	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetonylcycloheptanone	168	C10H16O2	066921-76-4	50
2	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	46
3	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	43
4	2-Thienylamide	127	C5H5NOS	005813-89-8	43
5	d-Ribono-1,4-lactone, 2,3-O-(eth...	282	C9H10BF3O6	1000150-02-0	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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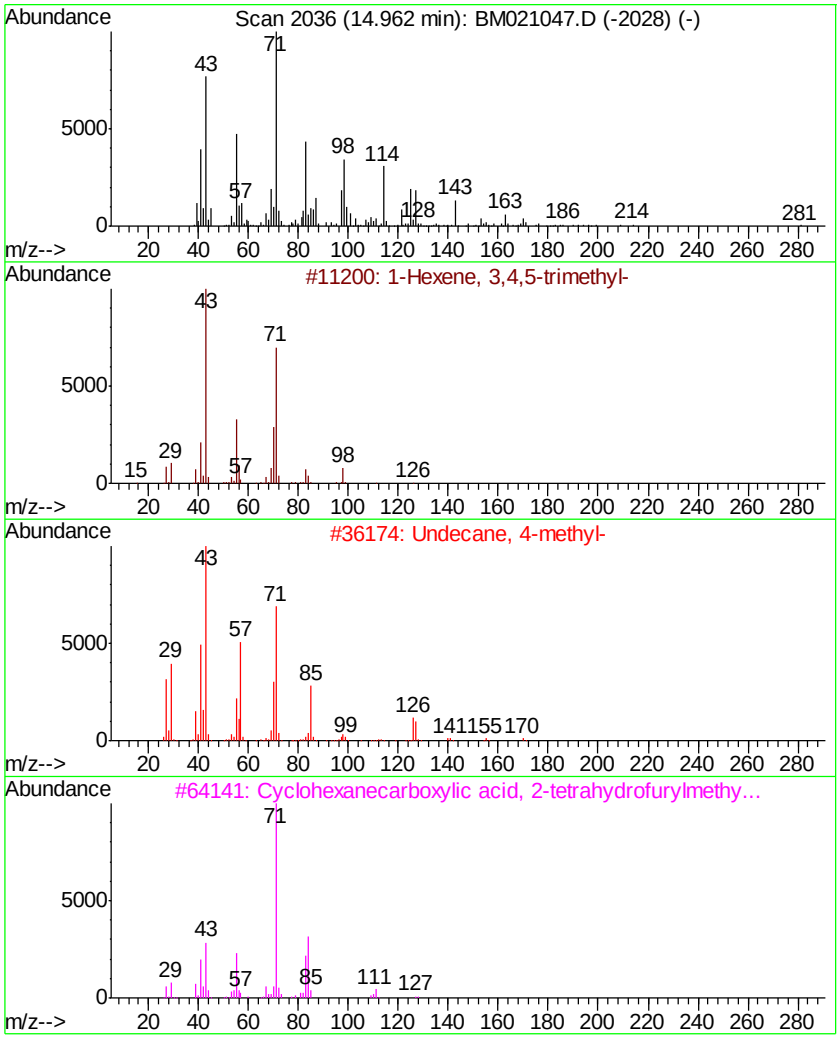
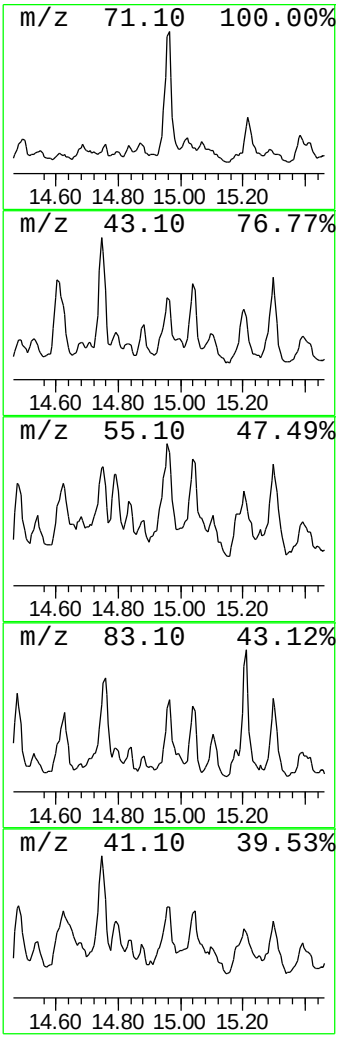
Peak Number 58 (DEL) Alkane: Cyclic14.96 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.17 ng/ul	999330	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	35
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	27
3	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	27
4	3-Nonen-2-one, 3-ethyl-	168	C11H20O	056312-56-2	27
5	Butyric acid, 3-tetradecyl ester	284	C18H36O2	1000280-57-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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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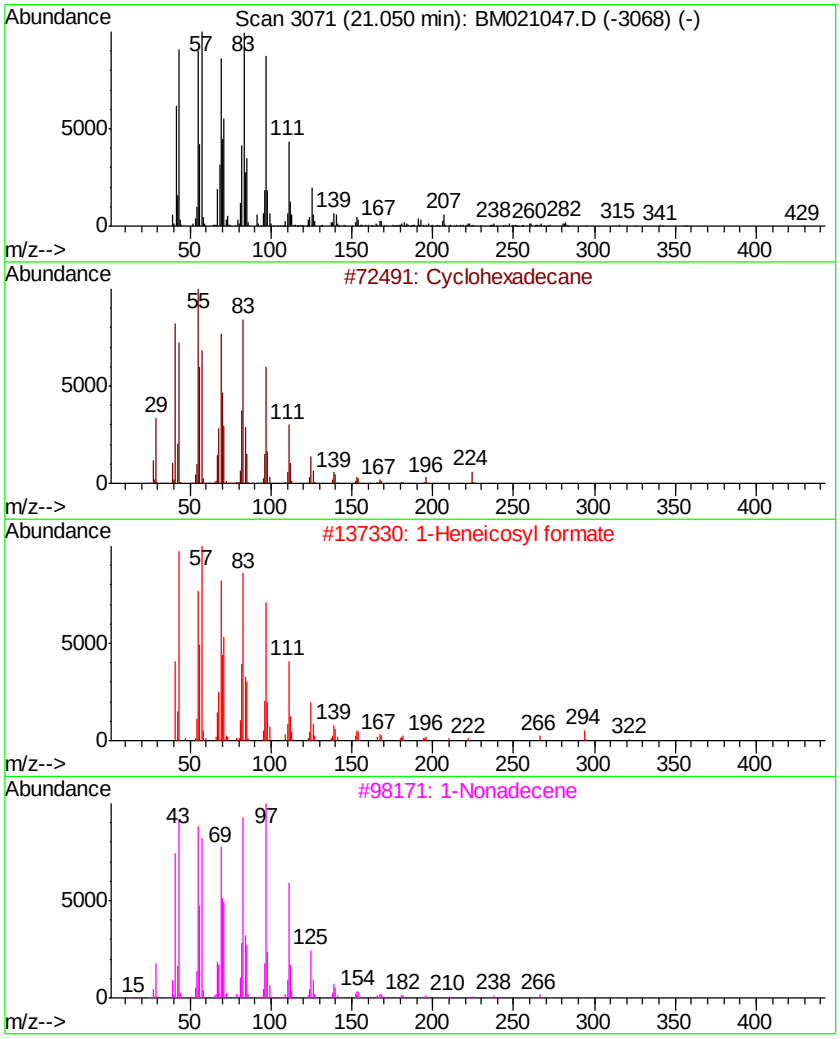
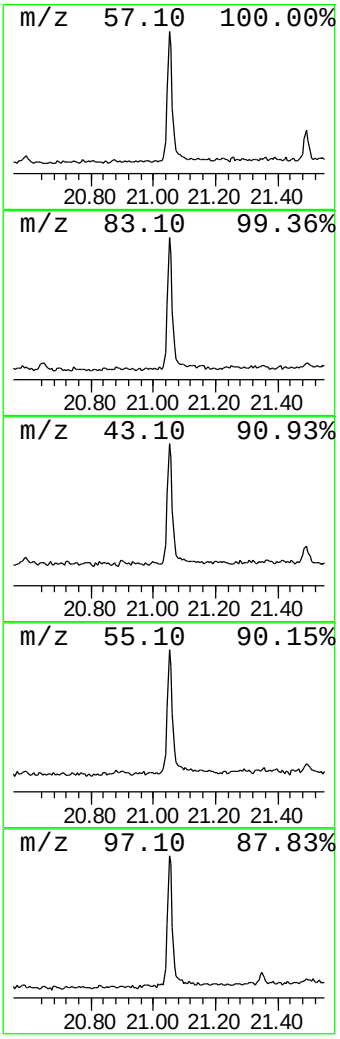
Peak Number 70 (DEL) Alkane: Cyclic21.05 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.80 ng/ul	525489	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K1

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
Butane, 2-methoxy...	3.03	9.6	ng/ul	872657	1	7.79	1812350	20.0
unknown-01	5.37	56.0	ng/ul	5070450	1	7.79	1812350	20.0
unknown-02	5.57	28.4	ng/ul	2574360	1	7.79	1812350	20.0
1,1-Hexylenedioxy...	6.53	44.3	ng/ul	4018180	1	7.79	1812350	20.0
unknown-03	7.05	9.2	ng/ul	828720	1	7.79	1812350	20.0
Cyclohexanone, 3,...	8.01	227.5	ng/ul	20613100	1	7.79	1812350	20.0
unknown-04	8.05	661.8	ng/ul	59970000	1	7.79	1812350	20.0
Indane	8.15	4.5	ng/ul	404772	1	7.79	1812350	20.0
(DEL) Alkane: Cyc...	8.25	13.0	ng/ul	1176220	1	7.79	1812350	20.0
2-Methyl-1,6-dihy...	8.77	13.2	ng/ul	1199960	1	7.79	1812350	20.0
(DEL) Alkane: Cyc...	9.20	9.6	ng/ul	1256900	2	10.57	2618910	20.0
unknown-05	9.31	7.7	ng/ul	1013490	2	10.57	2618910	20.0
(DEL) Alkane: Str...	9.37	7.2	ng/ul	945824	2	10.57	2618910	20.0
(DEL) Alkane: Cyc...	9.47	5.4	ng/ul	701464	2	10.57	2618910	20.0
unknown-06	9.56	38.8	ng/ul	5081100	2	10.57	2618910	20.0
unknown-07	9.83	23.8	ng/ul	3110480	2	10.57	2618910	20.0
unknown-08	9.92	5.2	ng/ul	676184	2	10.57	2618910	20.0
(DEL) Alkane: Cyc...	10.02	9.5	ng/ul	1238250	2	10.57	2618910	20.0
unknown-09	10.12	45.7	ng/ul	5980550	2	10.57	2618910	20.0
unknown-10	10.27	39.2	ng/ul	5131850	2	10.57	2618910	20.0
2-Oxopentanedioic...	10.40	6.7	ng/ul	881079	2	10.57	2618910	20.0
(DEL) Alkane: Cyc...	10.52	5.3	ng/ul	692686	2	10.57	2618910	20.0
Cyclohexanone, 2-...	10.71	15.0	ng/ul	1966860	2	10.57	2618910	20.0
unknown-11	10.75	10.7	ng/ul	1394470	2	10.57	2618910	20.0
unknown-12	10.89	94.5	ng/ul	12376300	2	10.57	2618910	20.0
(DEL) Alkane: Str...	10.95	42.4	ng/ul	5549890	2	10.57	2618910	20.0
unknown-13	10.97	40.6	ng/ul	5312250	2	10.57	2618910	20.0
unknown-14	11.12	17.0	ng/ul	2220550	2	10.57	2618910	20.0
2,2-Di-butyl meth...	11.17	13.5	ng/ul	1772200	2	10.57	2618910	20.0
unknown-15	11.38	5.4	ng/ul	707269	2	10.57	2618910	20.0
unknown-16	11.57	160.2	ng/ul	20980800	2	10.57	2618910	20.0
unknown-17	11.65	4.5	ng/ul	592818	2	10.57	2618910	20.0
unknown-18	11.78	18.1	ng/ul	2376020	2	10.57	2618910	20.0
(DEL) Alkane: Cyc...	11.83	6.4	ng/ul	835079	2	10.57	2618910	20.0
unknown-19	12.00	46.6	ng/ul	6096520	2	10.57	2618910	20.0
unknown-20	12.13	26.1	ng/ul	3418810	2	10.57	2618910	20.0
unknown-21	12.27	6.1	ng/ul	793595	2	10.57	2618910	20.0
3-Acetonylcyclohe...	12.41	7.9	ng/ul	1035090	2	10.57	2618910	20.0
(DEL) Alkane: Cyc...	14.96	5.2	ng/ul	999330	3	14.42	3866220	20.0
(DEL) Alkane: Cyc...	21.05	2.8	ng/ul	525489	5	21.35	3760050	20.0