LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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	19	rVB	567515	758647	4.95%	0.401%
2	5.375	400	406	419	rVB	712462	1063410	6.94%	0.562%
3	5.569	433	439	447	rVB	342821	515464	3.37%	0.272%
4	6.534	596	603	611	rBV	1262510	1812684	11.84%	0.958%
5	6.957	667	675	684	rBV	352566	612312	4.00%	0.324%
6	7.045	684	690	696	rVB	280045	415416	2.71%	0.220%
7	7.128	697	704	711	rBV	731566	1203061	7.86%	0.636%
8	7.316	725	736	745	rBV	943627	1548296	10.11%	0.818%
9	7.786	809	816	822	rBV	949438	1660812	10.84%	0.878%
10	7.992	844	851	853	rBV	6015661	8517448	55.62%	4.501%
11	8.028	853	857	863	rVB	10076805	15314672	100.00%	8.093%
12	8.239	885	893	902	rVV2	303364	722960	4.72%	0.382%
13	8.492	927	936	944	rBV	821409	1388702	9.07%	0.734%
14	8.910	995	1007	1011	rVV	5358619	9185380	59.98%	4.854%
15	8.945	1011	1013	1018	rVV	1015736	1397748	9.13%	0.739%
16	9.204	1052	1057	1065	rVB3	304377	579734	3.79%	0.306%
17	9.310	1065	1075	1080	rBV2	262374	679974	4.44%	0.359%
18	9.369	1080	1085	1092	rBV2	319232	522897	3.41%	0.276%
19	9.469	1098	1102	1107	rVV4	216097	407973	2.66%	0.216%
20	9.557	1107	1117	1125	rVB	1230173	2212497	14.45%	1.169%
21	9.657	1125	1134	1139	rBV3	1055878	2785983	18.19%	1.472%
22	9.710	1139	1143	1151	rVB	676873	1011309	6.60%	0.534%
23	9.828	1151	1163	1168	rBV3	349454	804023	5.25%	0.425%
24	9.922	1175	1179	1185	rVB2	263746	398982	2.61%	0.211%
25	10.010	1185	1194	1200	rBV4	339869	773272	5.05%	0.409%
26	10.116	1201	1212	1218	rBV2	1211446	2413902	15.76%	1.276%
27	10.198	1218	1226	1230	rVV	2019431	3499727	22.85%	1.850%
28	10.257	1230	1236	1246	rVB3	1532062	3708893	24.22%	1.960%
29	10.575	1283	1290	1303	rVV	1618559	3447485	22.51%	1.822%
30	10.710	1303	1313	1316	rVV3	724881	1791378	11.70%	0.947%
31	10.745	1316	1319	1326	rVB	714537	1124907	7.35%	0.594%
32	10.851	1326	1337	1341	rBV	2495911	5784503	37.77%	3.057%
33	10.898	1341	1345	1347	rVV2	928768	1626321	10.62%	0.859%
34	10.939	1347	1352	1361	rVB2	1652261	3358039	21.93%	1.775%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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	11.069	1367	1374	1380	rBV2	254369	599249	3.91%	0.317%
36	11.327	1407	1418	1420	rBV8	90537	240596	1.57%	0.127%
37	11.527	1440	1452	1461	rVV	3543812	8537226	55.75%	4.512%
38	11.645	1467	1472	1476	rBV	178910	280952	1.83%	0.148%
39	11.704	1476	1482	1487	rVV2	152704	320505	2.09%	0.169%
40	11.827	1497	1503	1507	rBV2	353210	734510	4.80%	0.388%
41	11.869	1507	1510	1524	rVB2	379050	869568	5.68%	0.460%
42	11.992	1524	1531	1535	rBV	1565598	2624918	17.14%	1.387%
43	12.027	1535	1537	1542	rVV3	408046	545194	3.56%	0.288%
44	12.121	1546	1553	1558	rVV3	807774	1720653	11.24%	0.909%
45	12.410	1596	1602	1607	rBV5	422522	899259	5.87%	0.475%
46	12.457	1607	1610	1614	rVB2	166307	237029	1.55%	0.125%
47	12.521	1615	1621	1626	rBV2	283637	509932	3.33%	0.269%
48	12.592	1627	1633	1641	rBV2	719455	1287465	8.41%	0.680%
49	12.663	1641	1645	1652	rVB2	283967	452912	2.96%	0.239%
50	12.945	1686	1693	1697	rBV5	261416	660243	4.31%	0.349%
51	12.992	1697	1701	1706	rVB	771740	1134057	7.41%	0.599%
52	13.080	1711	1716	1721	rVB	819984	1223782	7.99%	0.647%
53	13.133	1721	1725	1732	rBV	725873	1169366	7.64%	0.618%
54	13.204	1732	1737	1740	rVV5	147835	315189	2.06%	0.167%
55	13.245	1740	1744	1749	rVV5	232079	407137	2.66%	0.215%
56	13.310	1750	1755	1758	rVV3	126067	236038	1.54%	0.125%
57	13.363	1760	1764	1768	rVV	255267	421794	2.75%	0.223%
58	13.404	1768	1771	1777	rVV6	140896	308611	2.02%	0.163%
59	13.468	1777	1782	1788	rVB2	586356	928319	6.06%	0.491%
60	13.621	1800	1808	1814	rVV4	177713	544043	3.55%	0.288%
61	13.757	1828	1831	1839	rVV7	110985	234523	1.53%	0.124%
62	13.839	1839	1845	1849	rVV	2823420	3863558	25.23%	2.042%
63	13.886	1849	1853	1857	rVB	253369	361561	2.36%	0.191%
64	13.974	1862	1868	1871	rBV4	143041	283873	1.85%	0.150%
65	14.045	1876	1880	1887	rBV4	241745	561536	3.67%	0.297%
66	14.115	1887	1892	1896	rBV	3003392	4542902	29.66%	2.401%
67	14.227	1903	1911	1913	rBV5	183764	361632	2.36%	0.191%
68	14.363	1931	1934	1938	rVB2	196475	273679	1.79%	0.145%
69	14.427	1938	1945	1950	rBV2	2147185	3551343	23.19%	1.877%
70	14.474	1950	1953	1958	rVB3	331293	445095	2.91%	0.235%
71	14.621	1970	1978	1985	rBV7	511637	1661241	10.85%	0.878%

LSC Area Percent Report

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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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	14.739	1993	1998	2003	rBV	924411	1393961	9.10%	0.737%
73	14.786	2003	2006	2011	rVV4	203541	308104	2.01%	0.163%
74	14.951	2027	2034	2039	rBV4	275599	526083	3.44%	0.278%
75	15.039	2045	2049	2054	rBV3	324965	442648	2.89%	0.234%
76	15.204	2073	2077	2082	rVB4	275759	469247	3.06%	0.248%
77	15.280	2086	2090	2099	rVB5	297228	691386	4.51%	0.365%
78	15.421	2107	2114	2122	rVB	3997201	5957083	38.90%	3.148%
79	15.539	2130	2134	2141	rVV	1167249	1685723	11.01%	0.891%
80	15.604	2141	2145	2152	rVV	606797	955488	6.24%	0.505%
81	15.680	2153	2158	2163	rVB	408745	609559	3.98%	0.322%
82	15.739	2165	2168	2174	rBV3	172810	267749	1.75%	0.141%
83	16.198	2243	2246	2249	rVV	189308	254833	1.66%	0.135%
84	16.245	2249	2254	2260	rVB	7990851	10870016	70.98%	5.745%
85	16.333	2267	2269	2280	rVB3	95837	233690	1.53%	0.124%
86	16.704	2328	2332	2337	rVB	243494	338869	2.21%	0.179%
87	16.762	2337	2342	2345	rBV3	195908	366866	2.40%	0.194%
88	16.815	2345	2351	2358	rVB2	739604	1584542	10.35%	0.837%
89	16.909	2363	2367	2374	rVV3	216900	537644	3.51%	0.284%
90	16.980	2375	2379	2384	rVB	332153	462054	3.02%	0.244%
91	17.168	2406	2411	2418	rVV2	2623120	3906764	25.51%	2.065%
92	17.268	2422	2428	2434	rVV	4339352	6292737	41.09%	3.326%
93	17.527	2467	2472	2475	rBV	562161	814881	5.32%	0.431%
94	18.062	2558	2563	2572	rBV	830017	1254009	8.19%	0.663%
95	19.339	2776	2780	2787	rBV	417256	581320	3.80%	0.307%
96	19.562	2812	2818	2827	rBV	5132721	7044554	46.00%	3.723%
97	21.050	3067	3071	3078	rBV	490441	626166	4.09%	0.331%
98	21.350	3117	3122	3131	rBV	2918143	3729247	24.35%	1.971%
99	23.480	3477	3484	3494	rVB	3622677	6827828	44.58%	3.608%
100	23.621	3502	3508	3516	rVB	2065584	3790772	24.75%	2.003%

Sum of corrected areas: 189222124

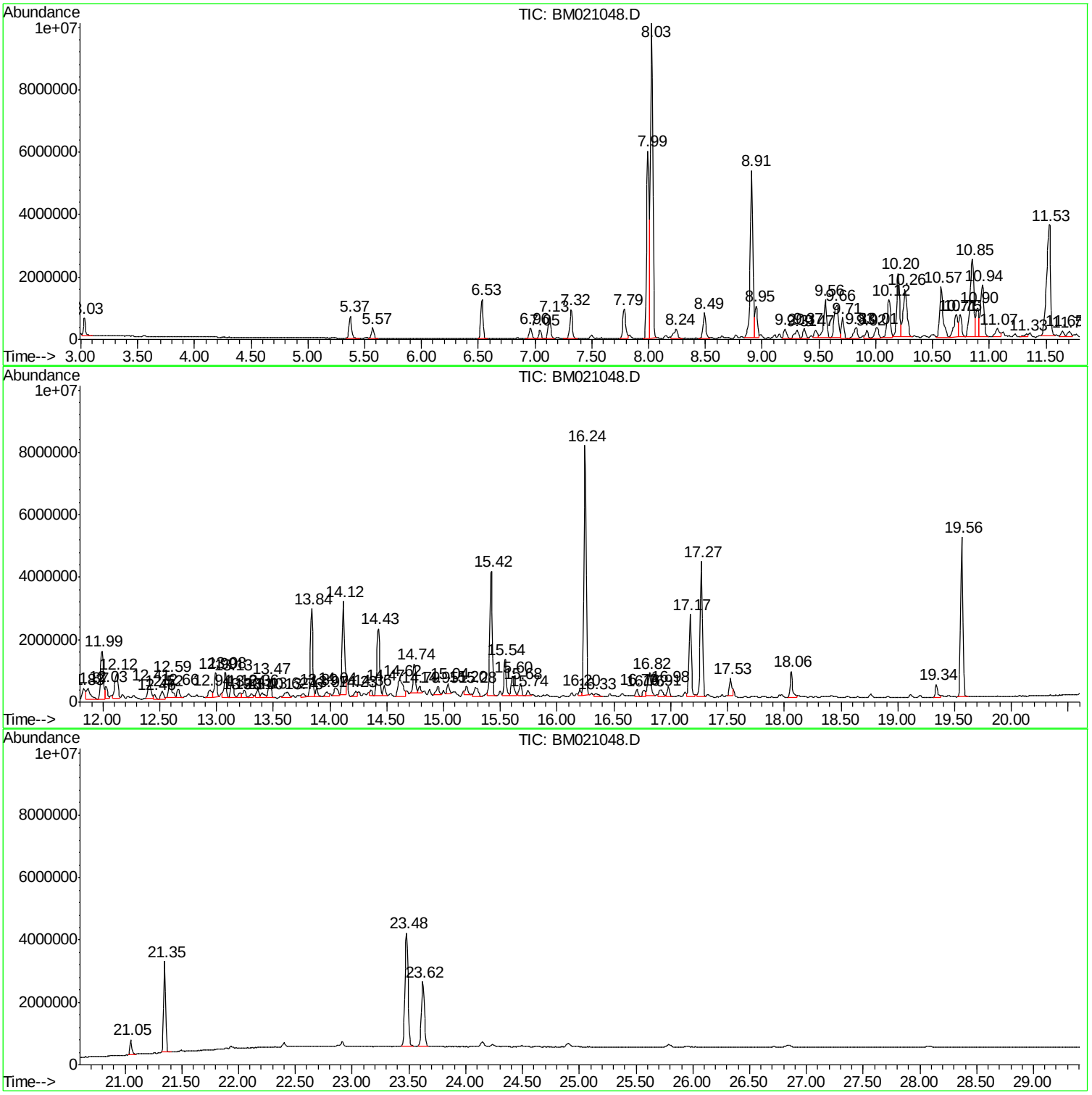
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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 : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

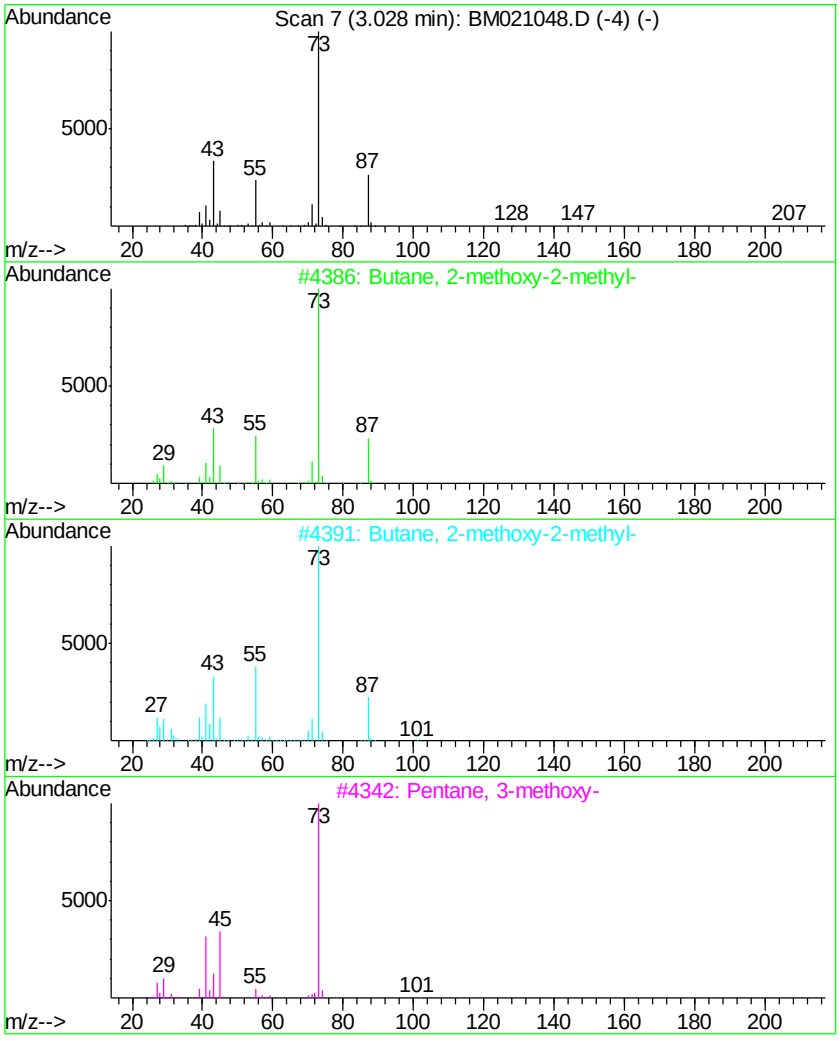
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

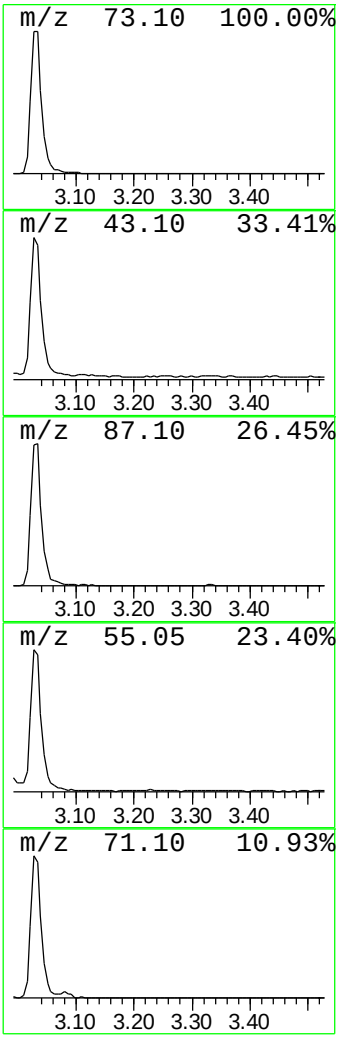
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	9.14 ng/ul	758647	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

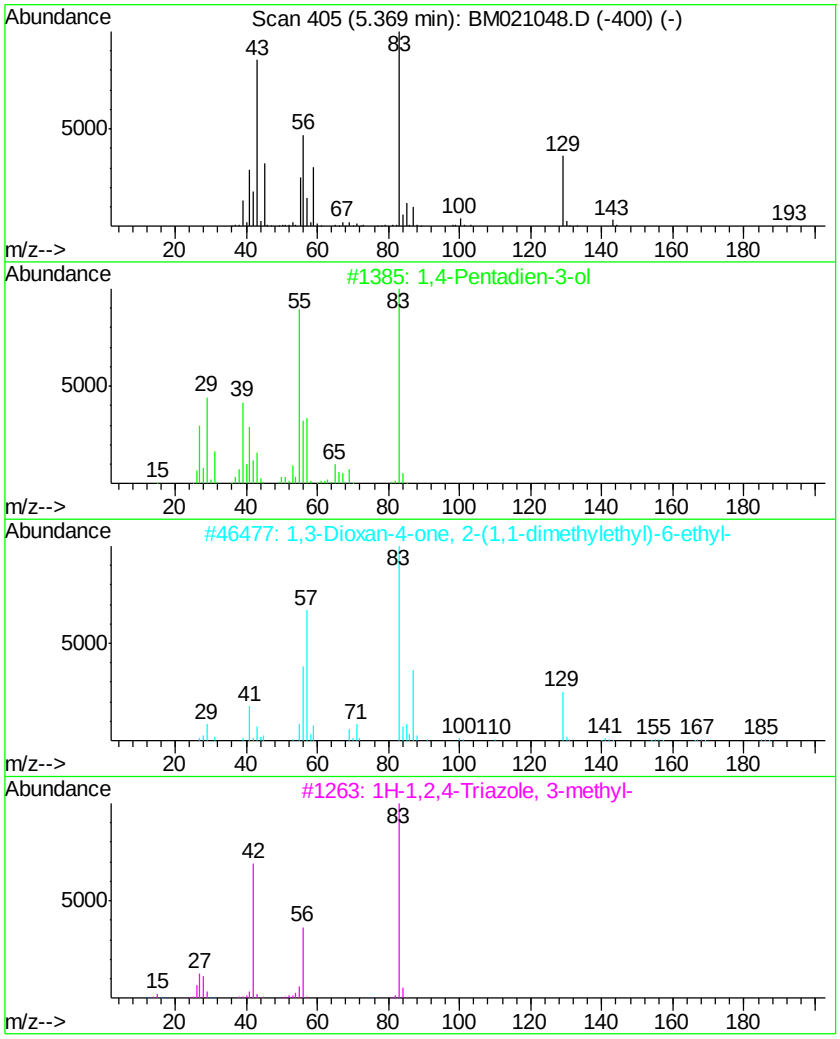
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

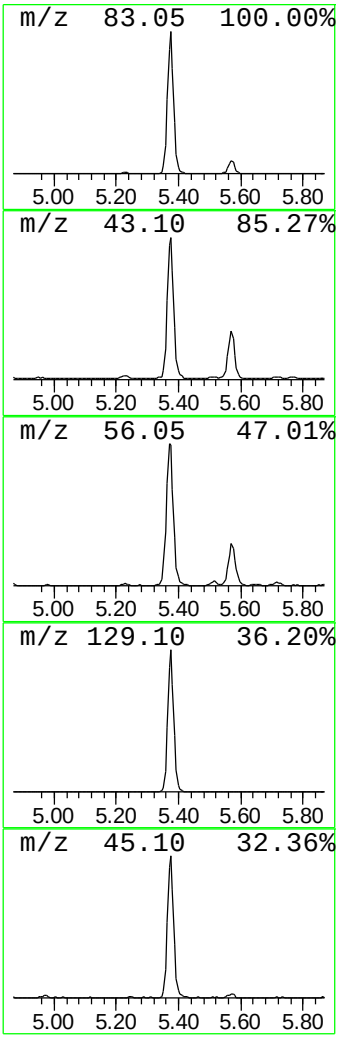
****

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	12.81 ng/ul	1063410	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	38
2	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	38
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	38
4	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	36
5	3,5-Dimethyl-1,6-heptadien-4-ol	140	C9H16O	019549-66-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

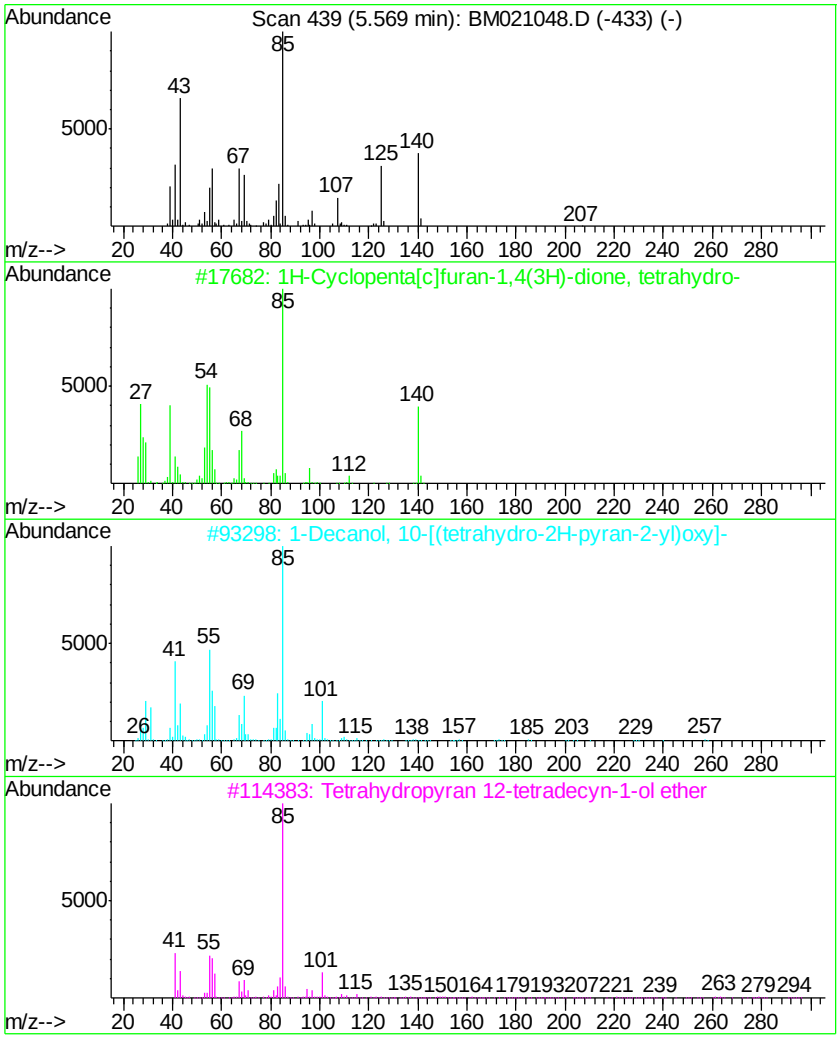
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

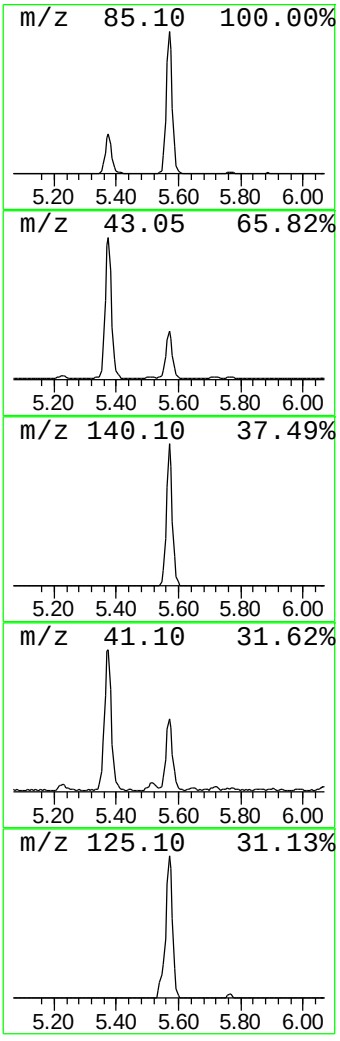
****

Peak Number 3 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	6.21 ng/ul	515464	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[c]furan-1,4(3H)-di...	140	C7H8O3	127708-95-6	47
2	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	47
3	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	38
4	2H-Pyran, tetrahydro-2-[(2-nitro...	259	C13H25NO4	096039-96-2	37
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	37





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

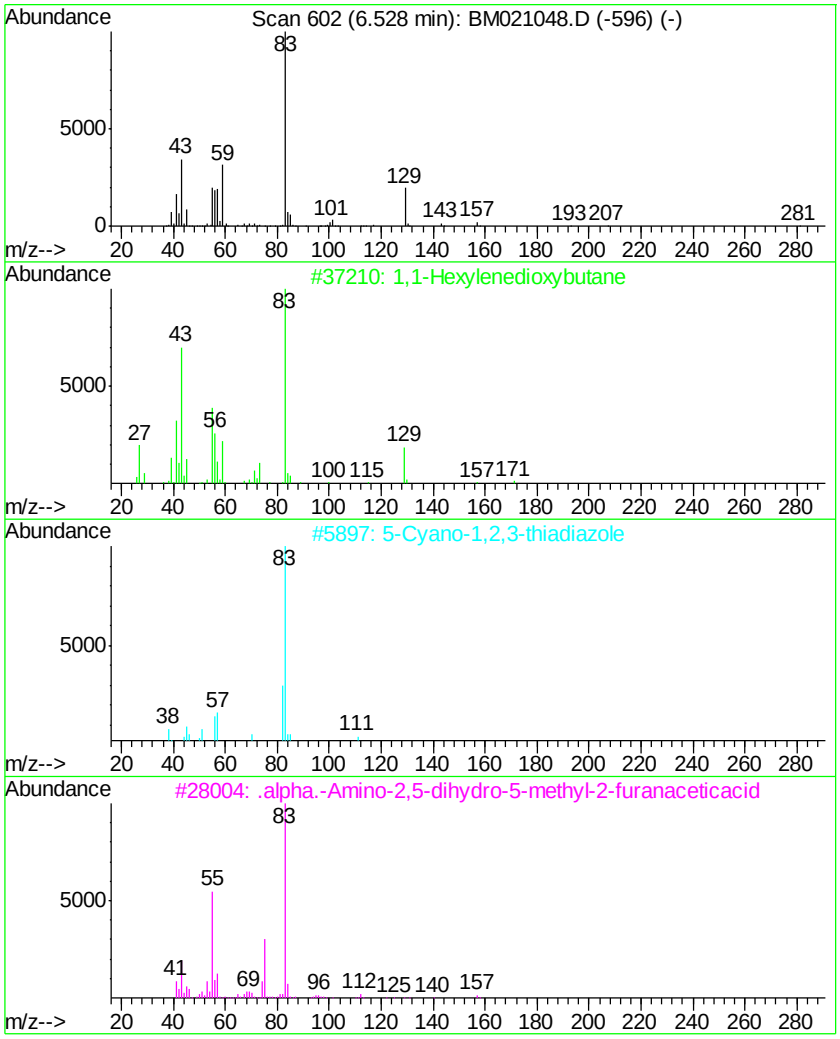
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

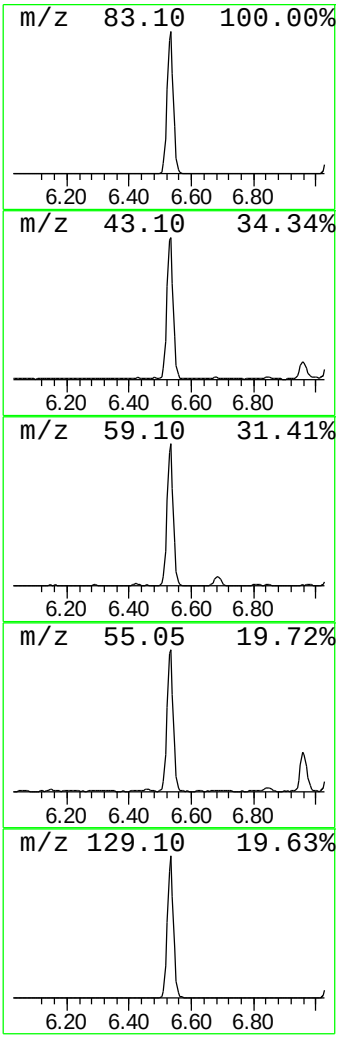
****

Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	21.83 ng/ul	1812680	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	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	42
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

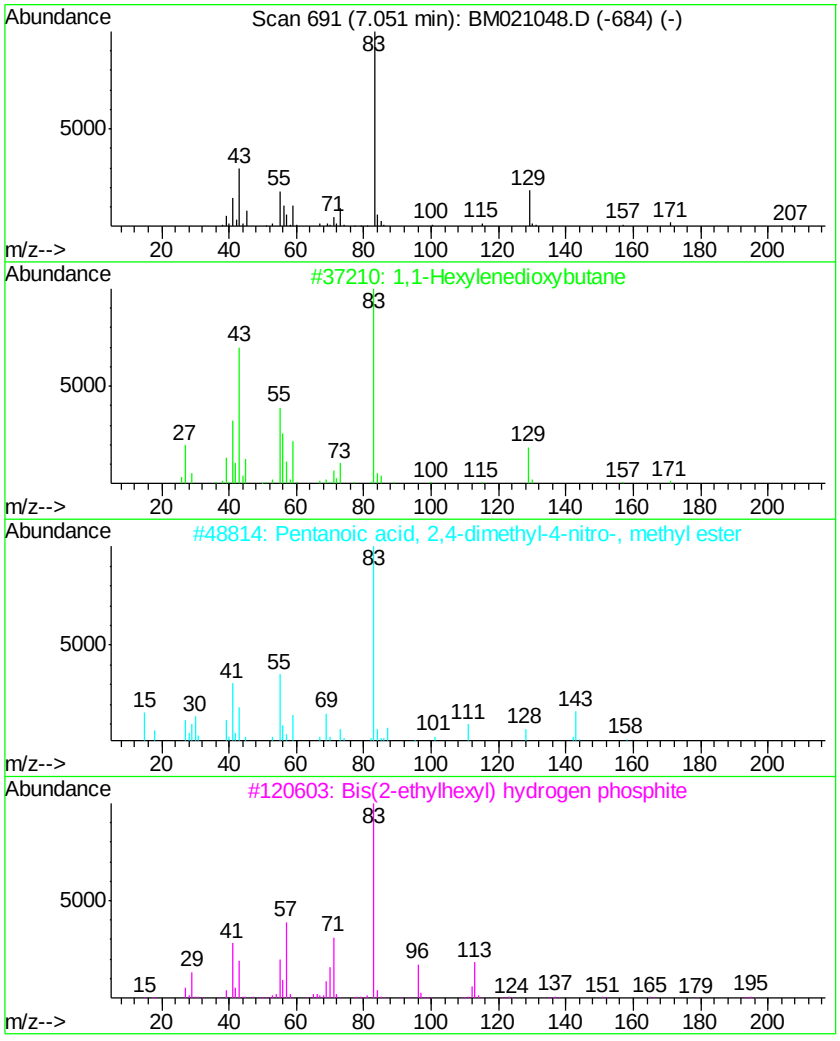
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

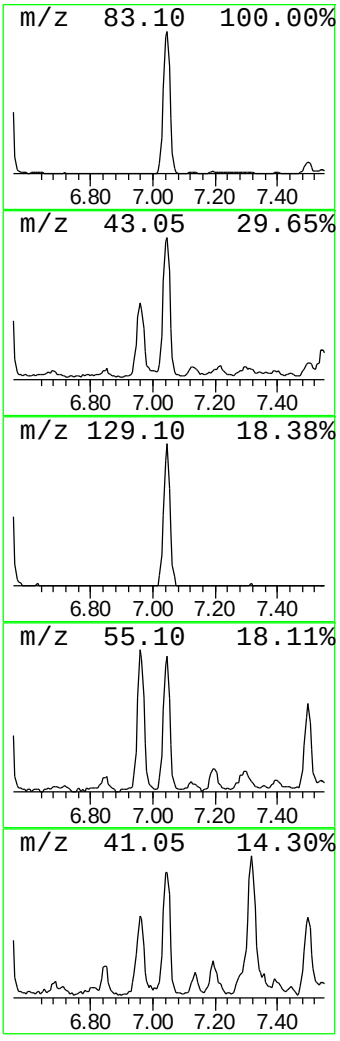
****

Peak Number 5 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	5.00 ng/ul	415416	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	43
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
3	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33
4	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

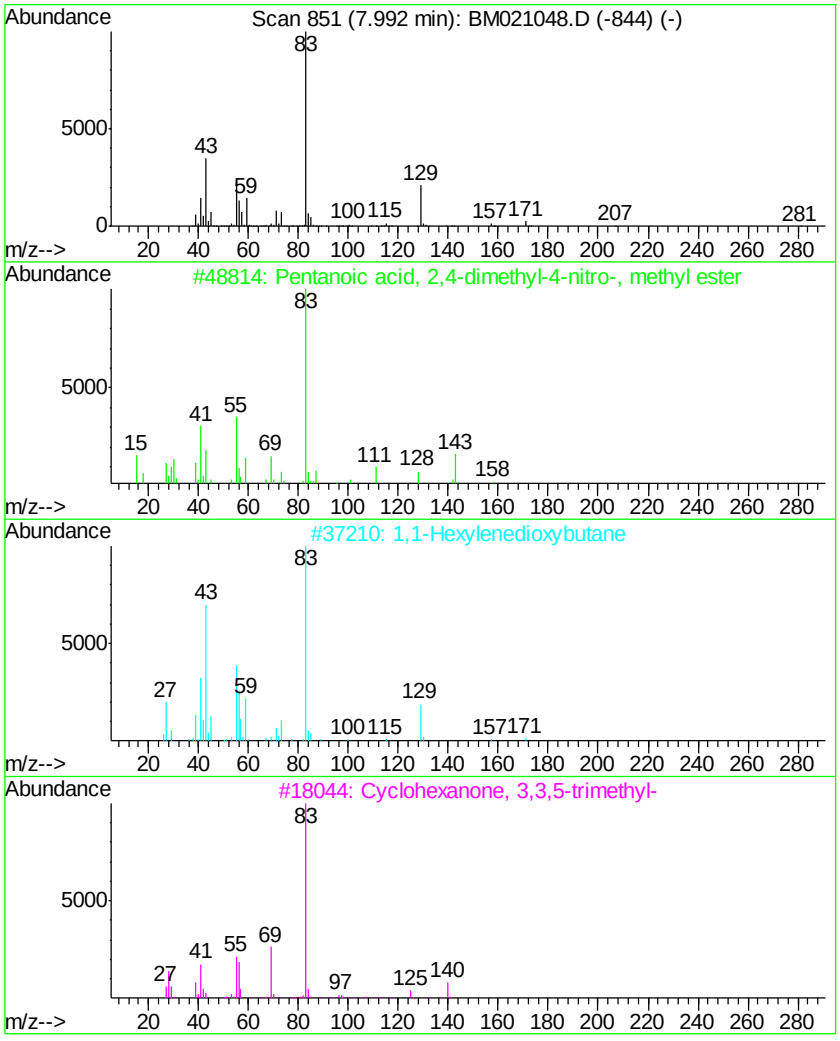
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

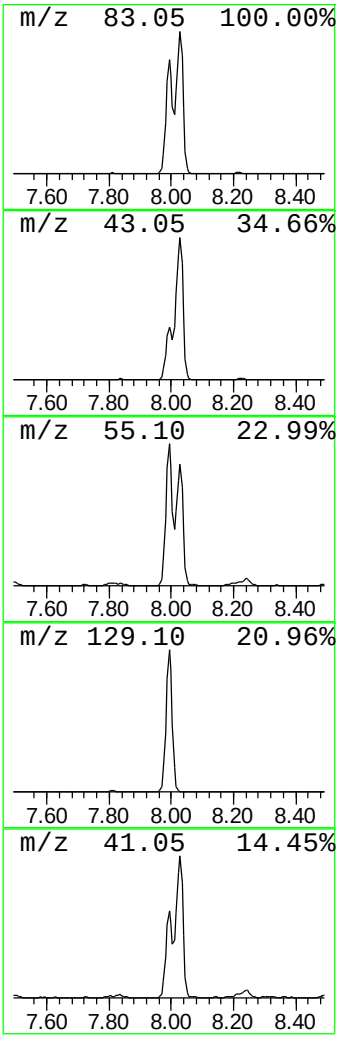
****

Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	102.57 ng/ul	8517450	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	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	33
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	9





Library Search Compound Report

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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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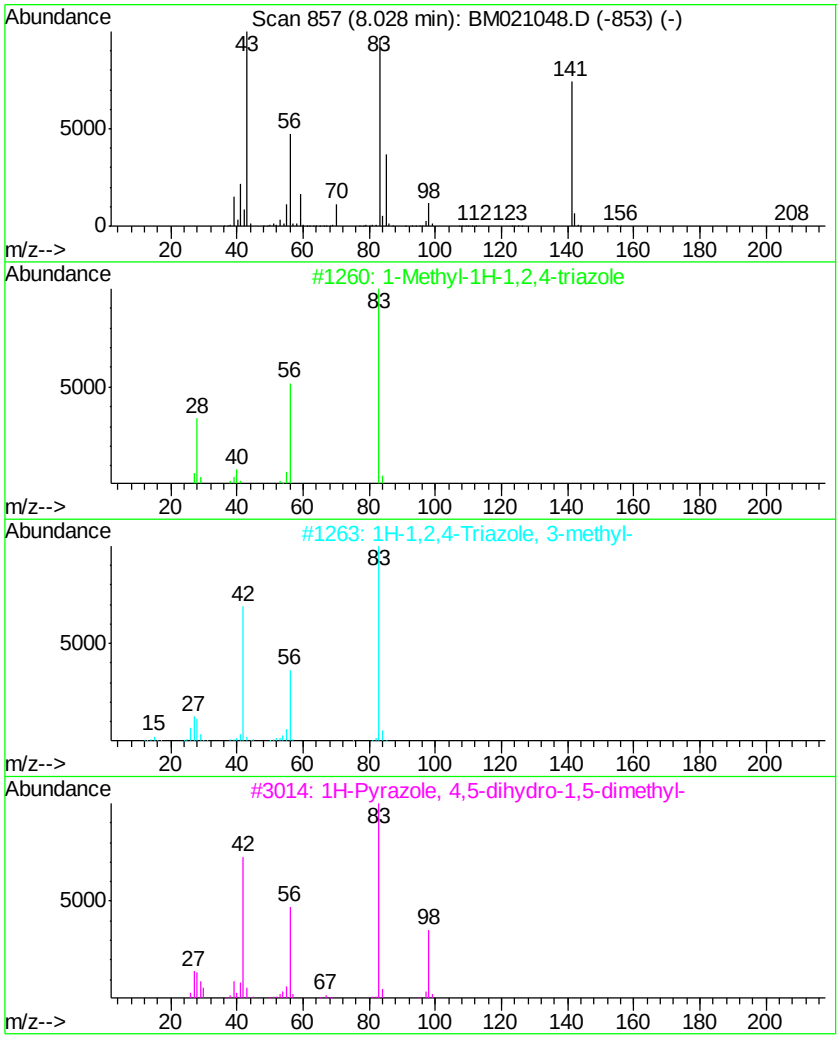
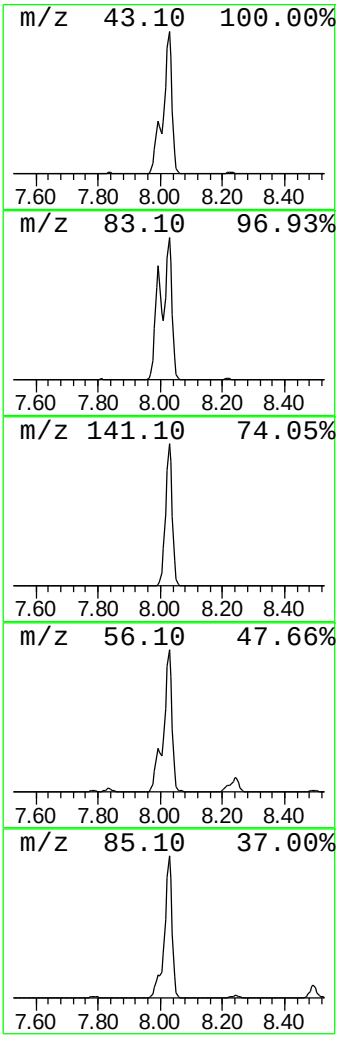
Peak Number 7 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	184.42 ng/ul	15314700	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	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
3	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	25
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	12
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	12





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

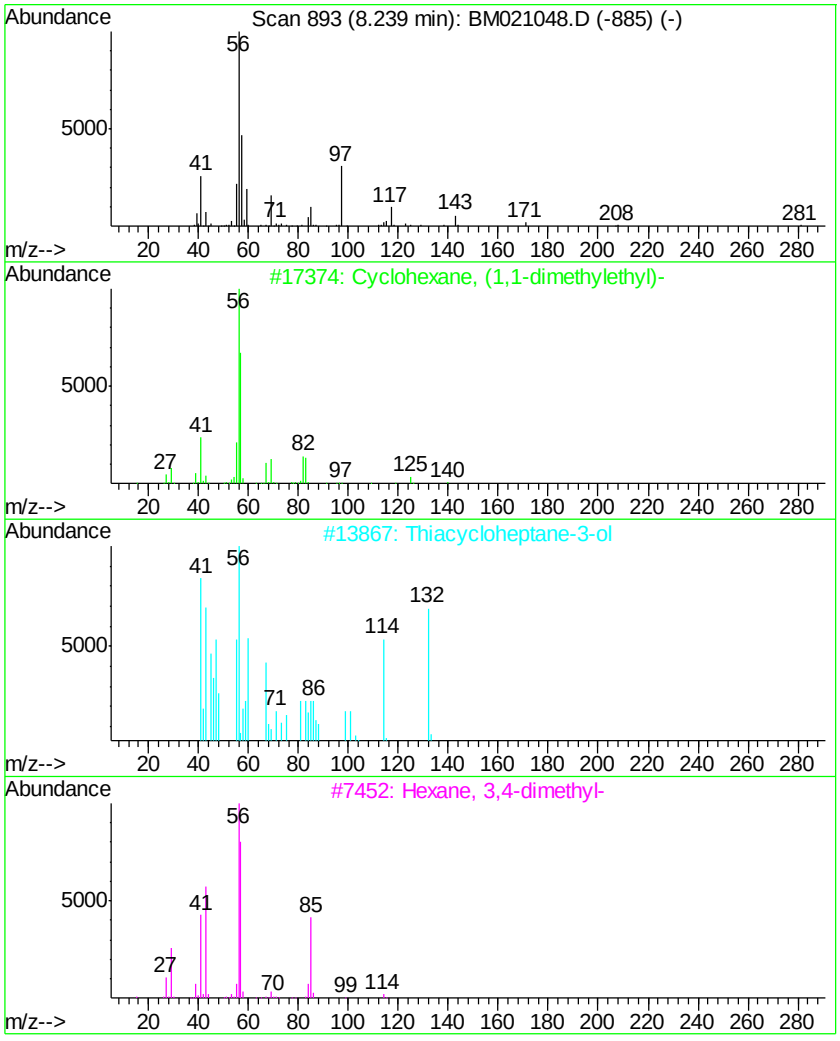
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

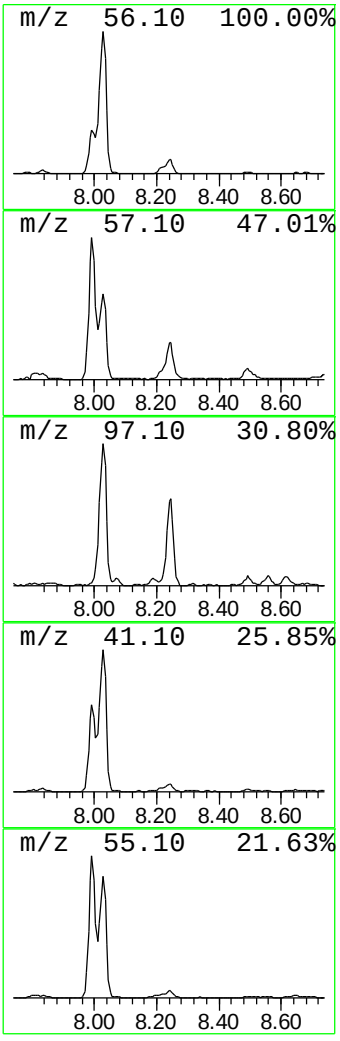
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	8.71 ng/ul	722960	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	28
2	Thiacycloheptane-3-ol	132	C6H12OS	1000143-84-2	25
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	10
4	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	10
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	9





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

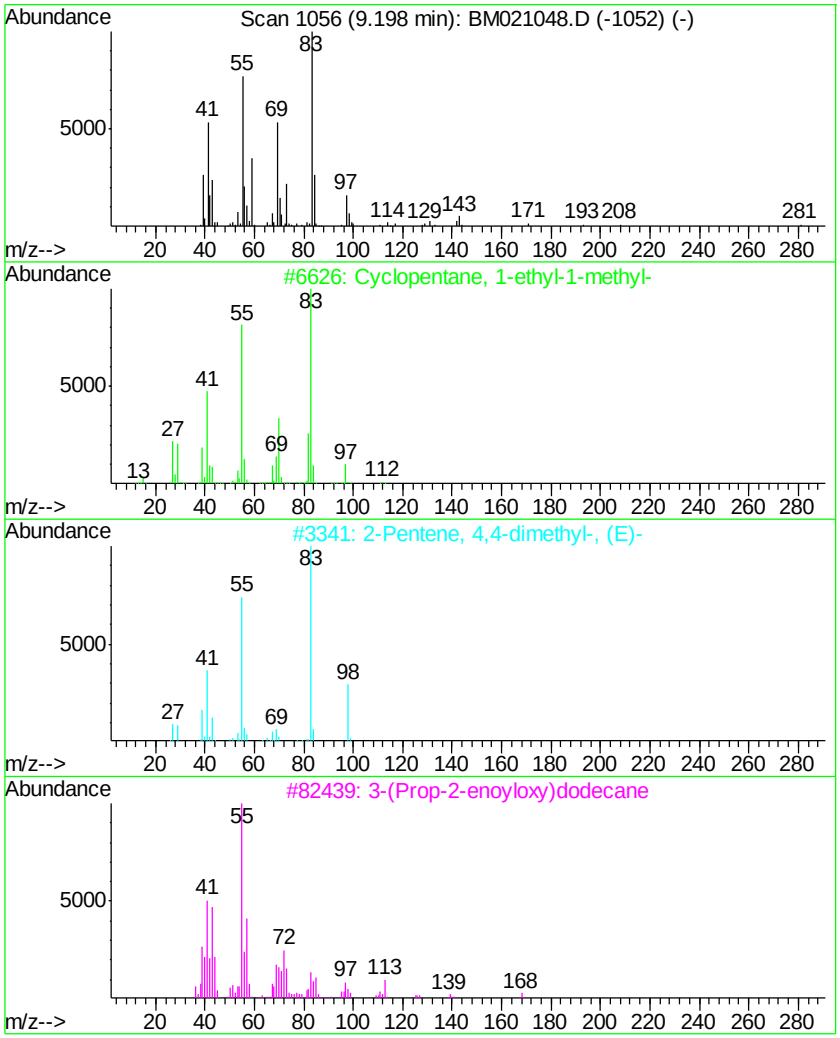
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

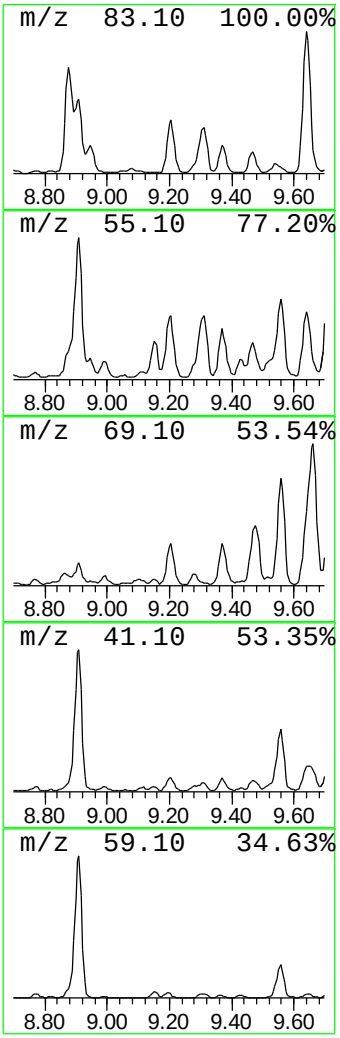
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic9.20 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.36 ng/ul	579734	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38
3	3-(Prop-2-enoyloxy)dodecane	240	C15H28O2	1000245-66-6	35
4	Dodecyl acrylate	240	C15H28O2	002156-97-0	16
5	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	12





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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Quant Title : SVOA CALIBRATION

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

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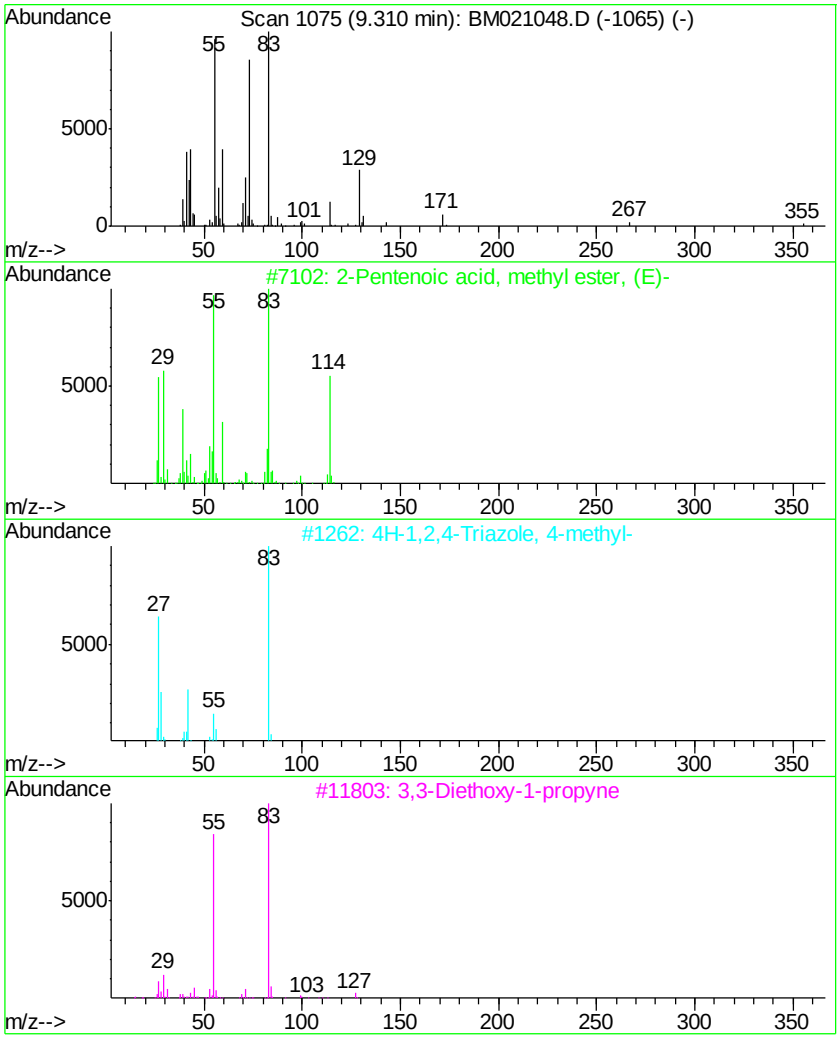
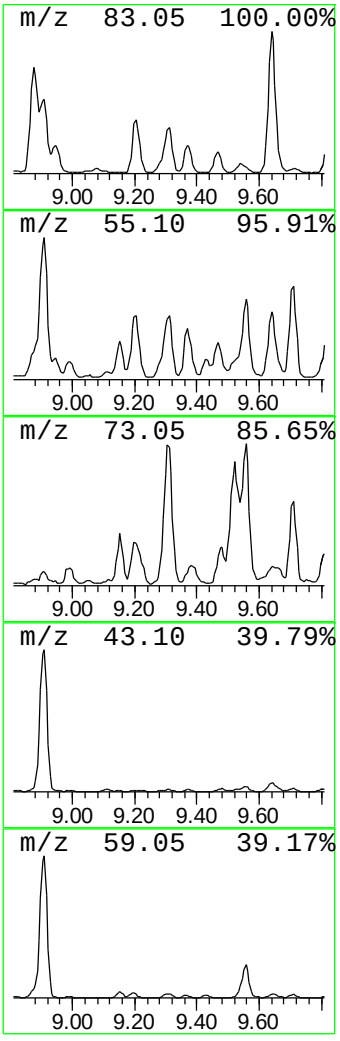
Peak Number 10 unknown-06 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	3.94 ng/ul	679974	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, methyl ester, ...	114	C6H10O2	015790-88-2	47
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	27
3	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	17
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	17
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	17





Library Search Compound Report

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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

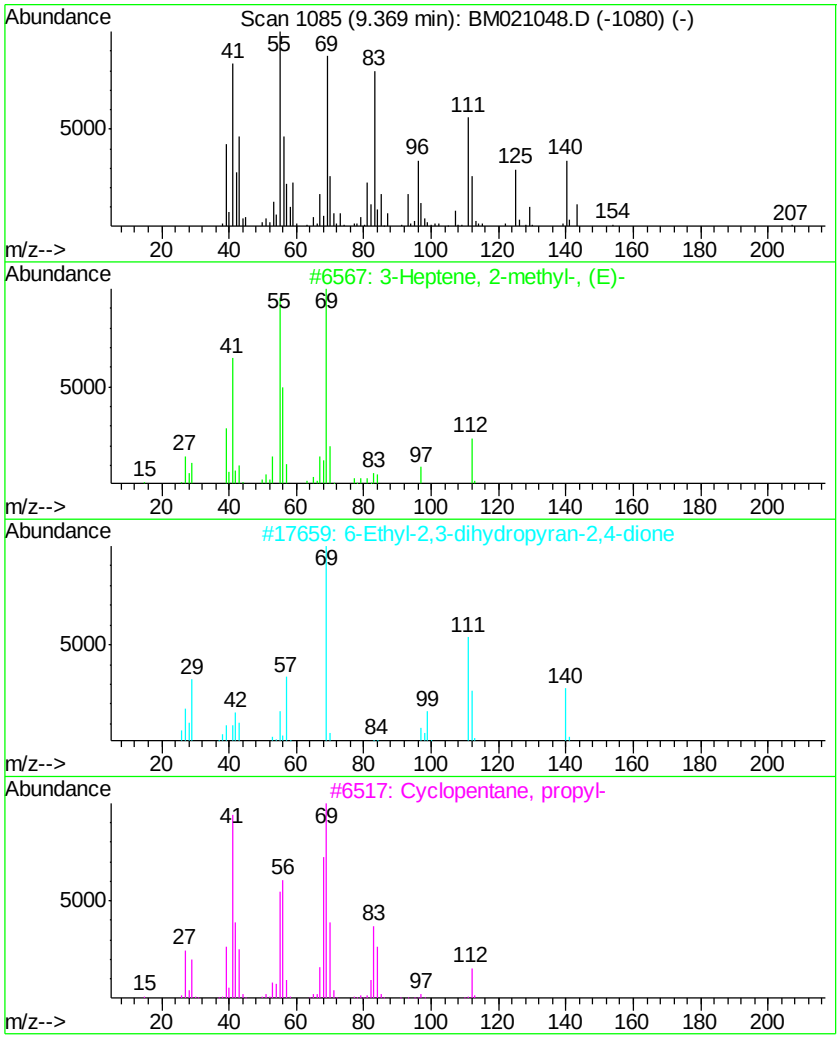
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

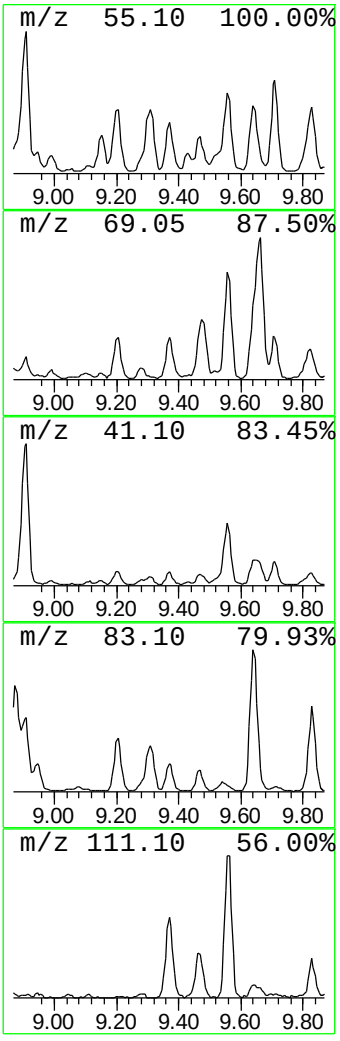
****

Peak Number 11 (DEL) Alkane: Cyclic9.37 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.03 ng/ul	522897	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	42
2	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	41
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	38
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	35
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	35





Library Search Compound Report

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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

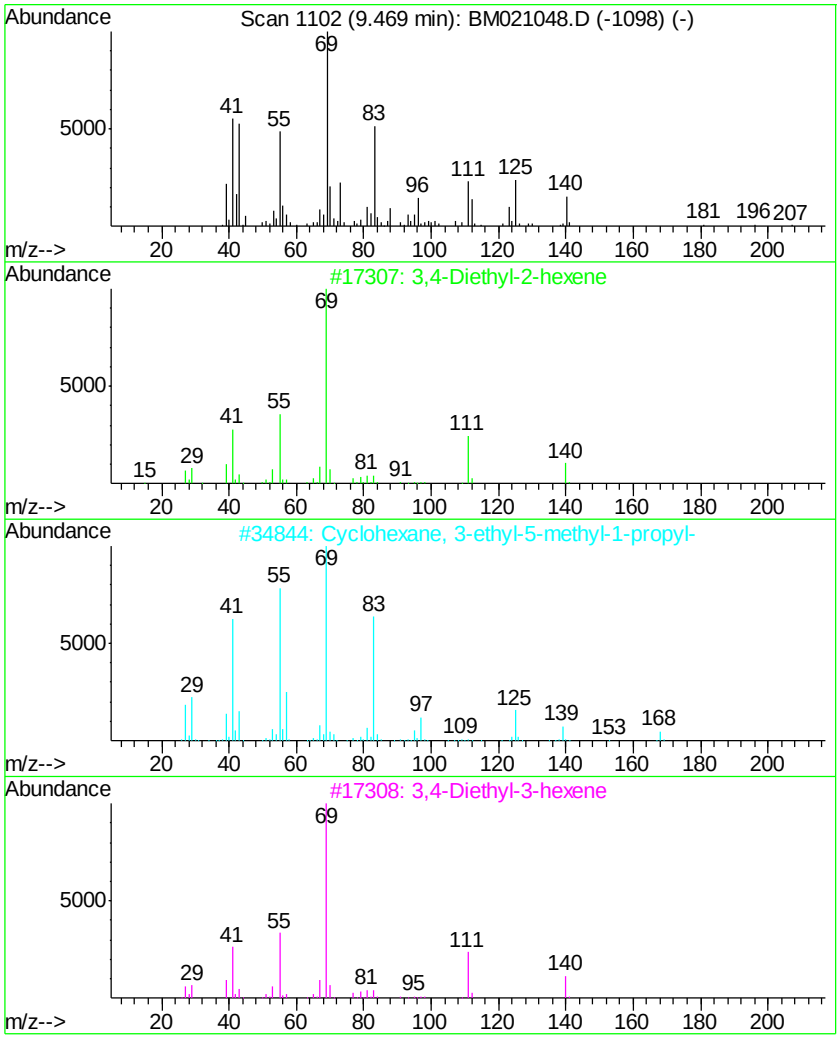
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

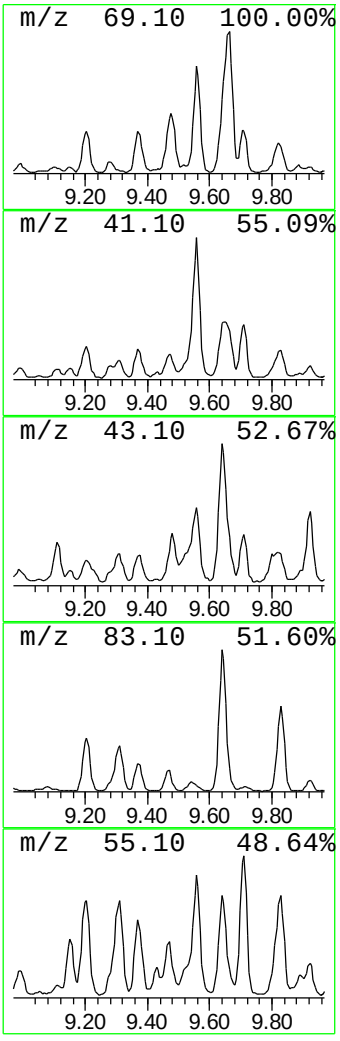
****

Peak Number 12 (DEL) Alkane: Cyclic9.47 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.37 ng/ul	407973	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43
2	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	43
3	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	43
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	35





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

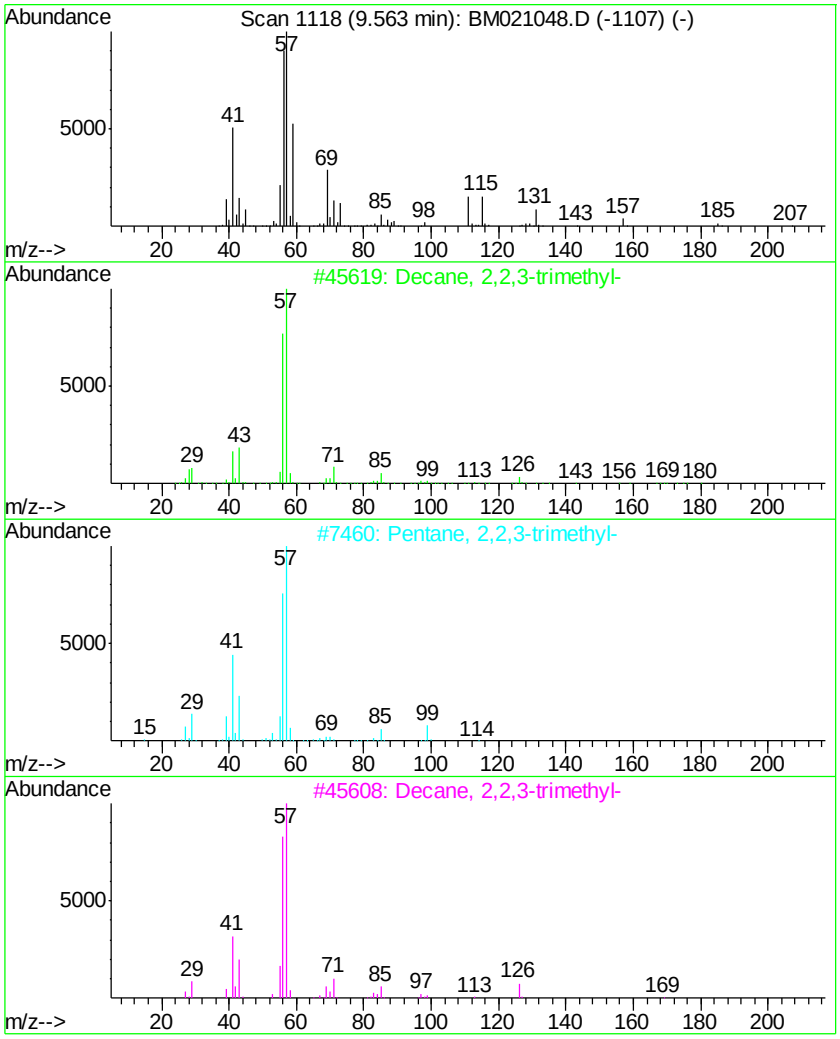
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

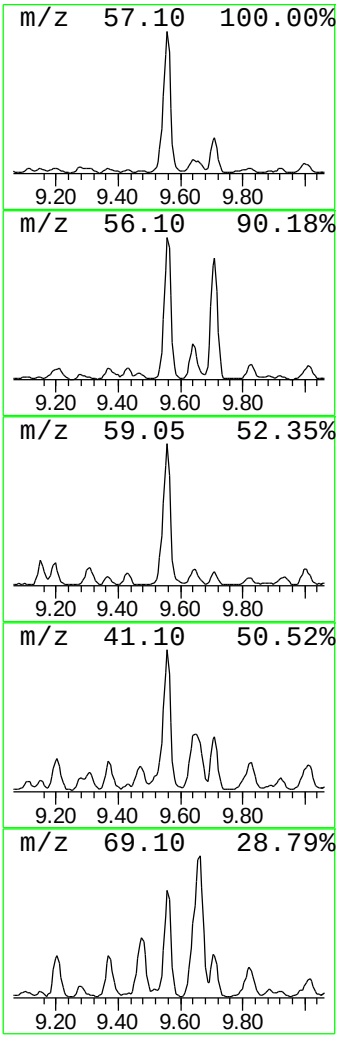
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	12.84 ng/ul	2212500	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	43
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
4	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	43
5	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	42





Library Search Compound Report

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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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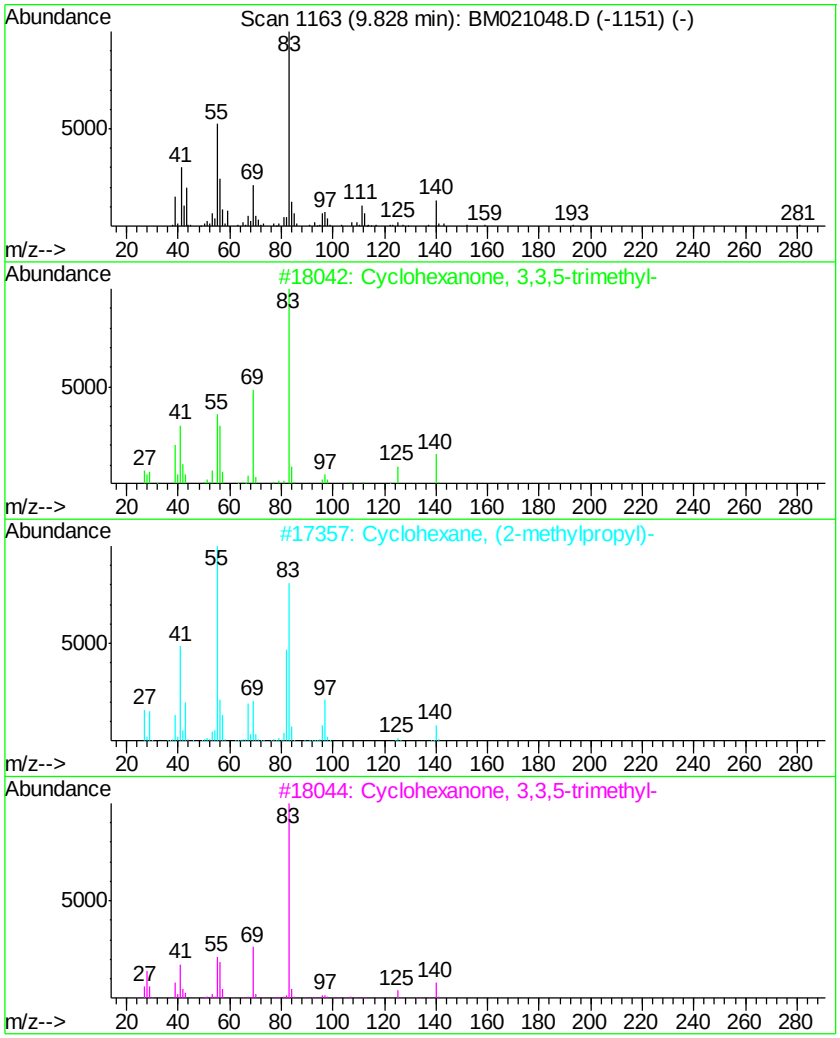
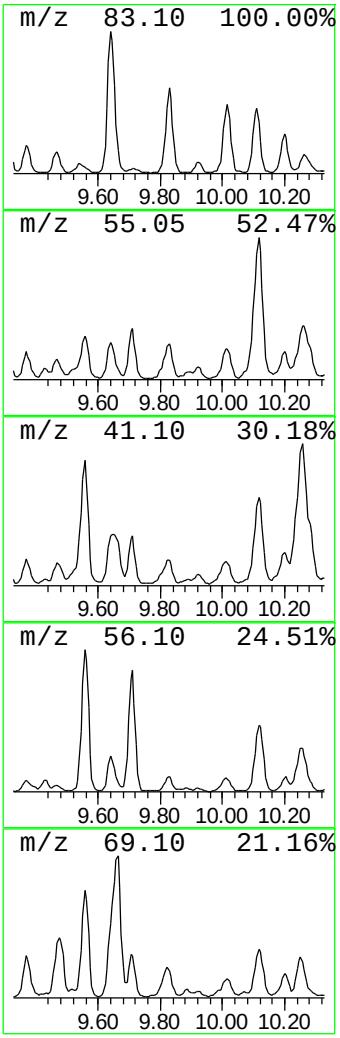
Peak Number 14 Cyclohexanone, 3,3,5-trimet... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.66 ng/ul	804023	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	83
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
5	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	50





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Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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Quant Title : SVOA CALIBRATION

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

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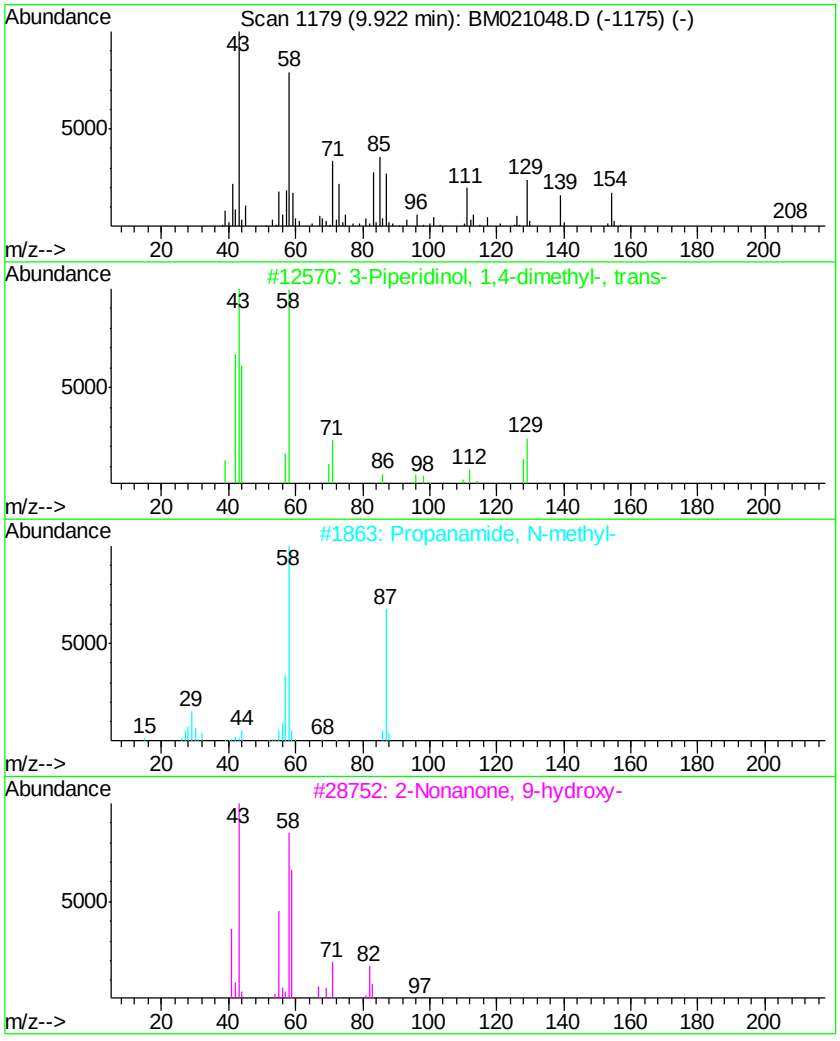
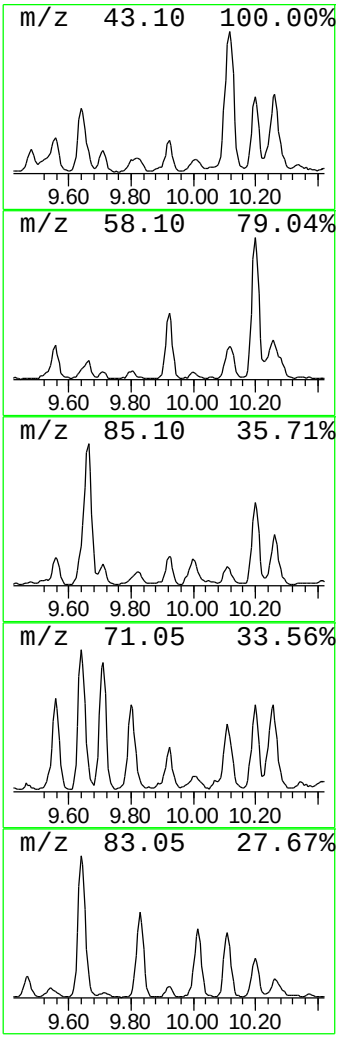
Peak Number 15 unknown-07 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.31 ng/ul	398982	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Piperidinol, 1,4-dimethyl-, tr...	129	C7H15NO	037835-47-5	35
2	Propanamide, N-methyl-	87	C4H9NO	001187-58-2	27
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	27
4	N,N-Diethylpropionamide	129	C7H15NO	001114-51-8	27
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	27





Library Search Compound Report

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Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

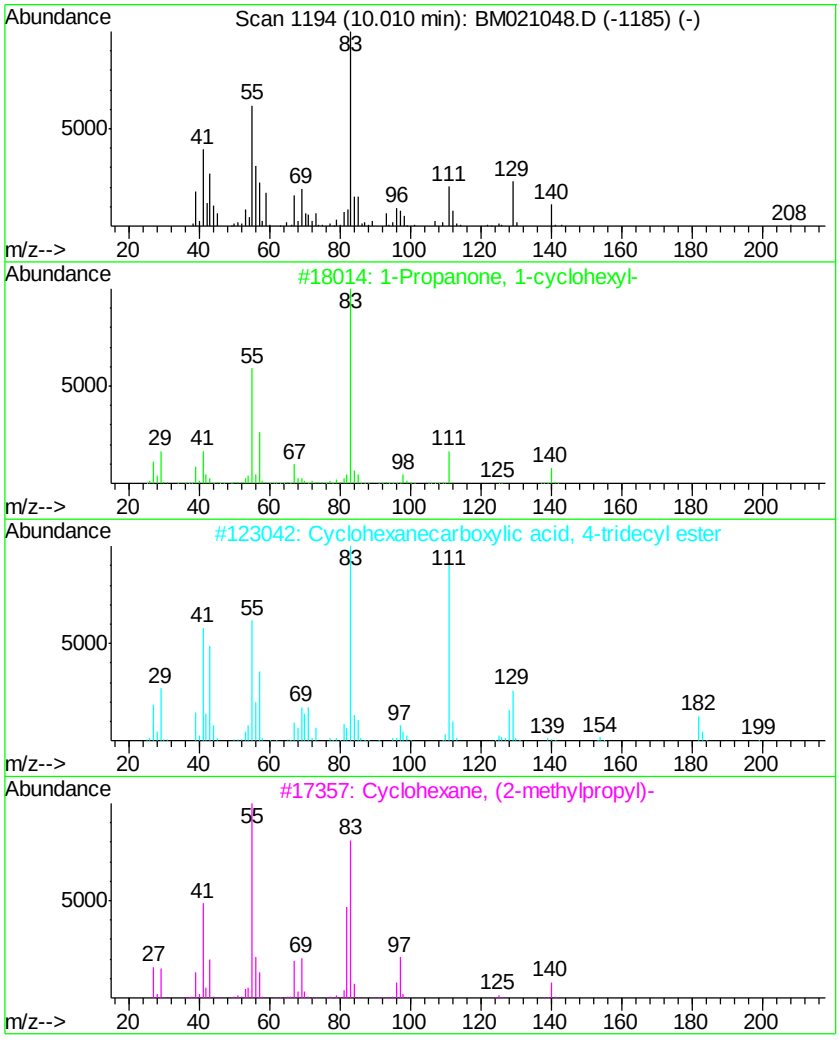
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

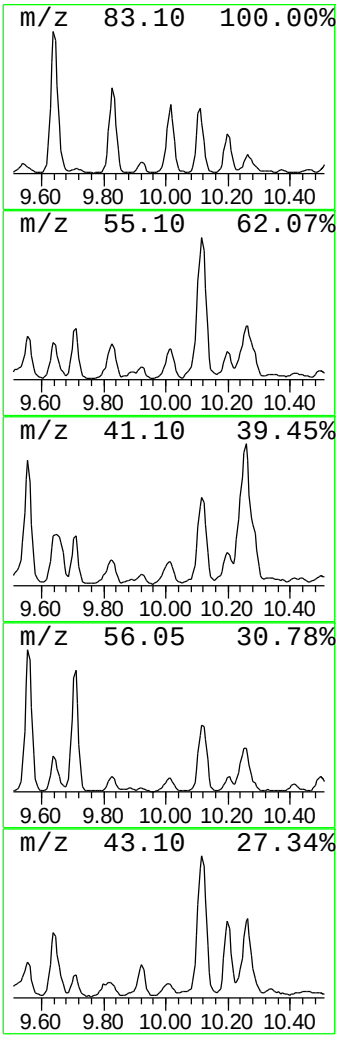
****

Peak Number 16 1-Propanone, 1-cyclohexyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	4.49 ng/ul	773272	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	58
2	Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	53
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	47
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43





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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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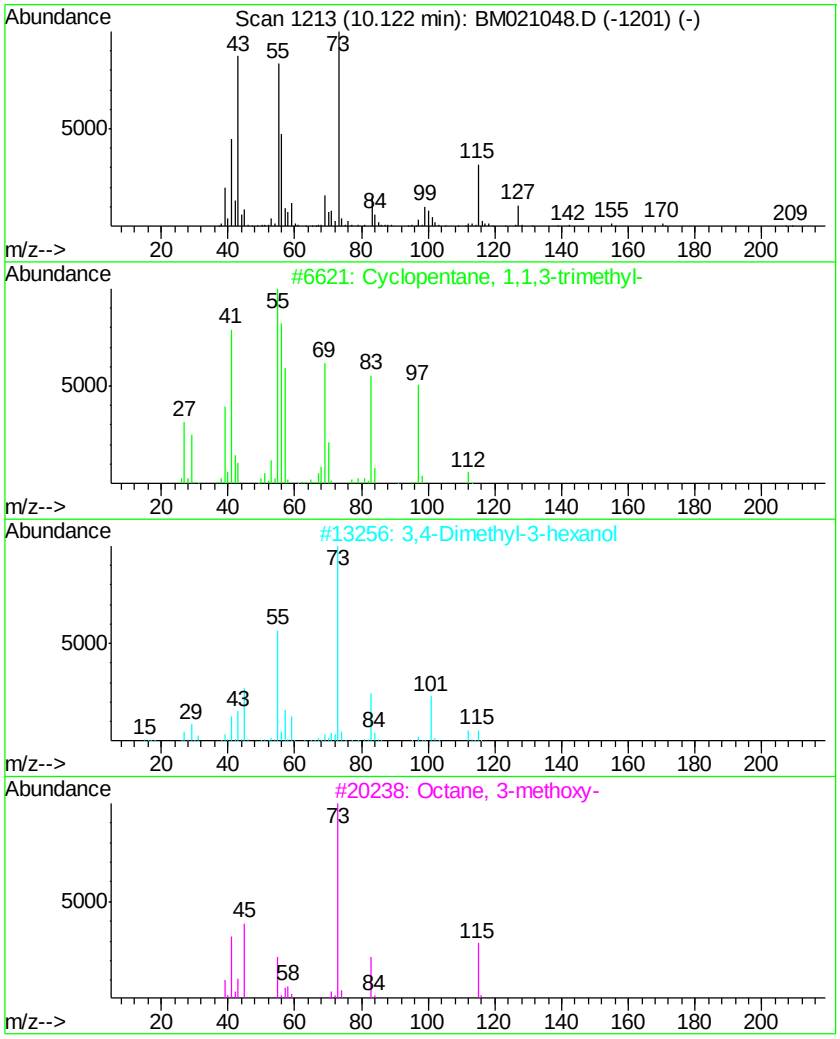
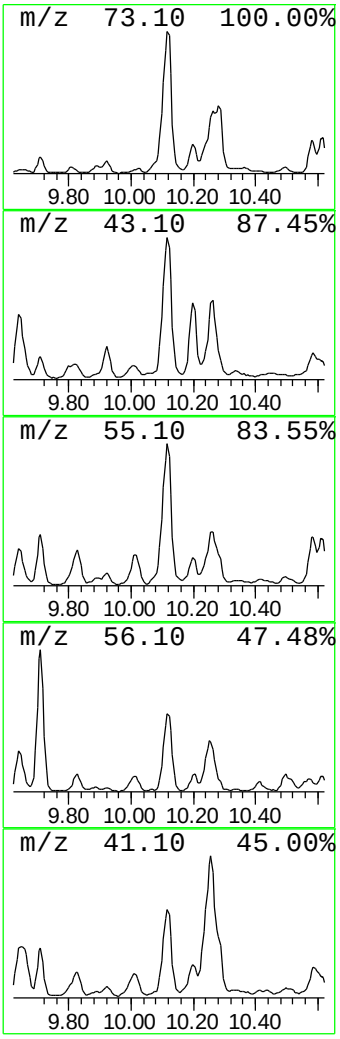
Peak Number 17 (DEL) Alkane: Cyclic10.12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	14.00 ng/ul	2413900	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	35
3	Octane, 3-methoxy-	144	C9H20O	054658-02-5	35
4	4-Pentenal	84	C5H8O	002100-17-6	32
5	Acetic acid, nonyl ester	186	C11H22O2	000143-13-5	25





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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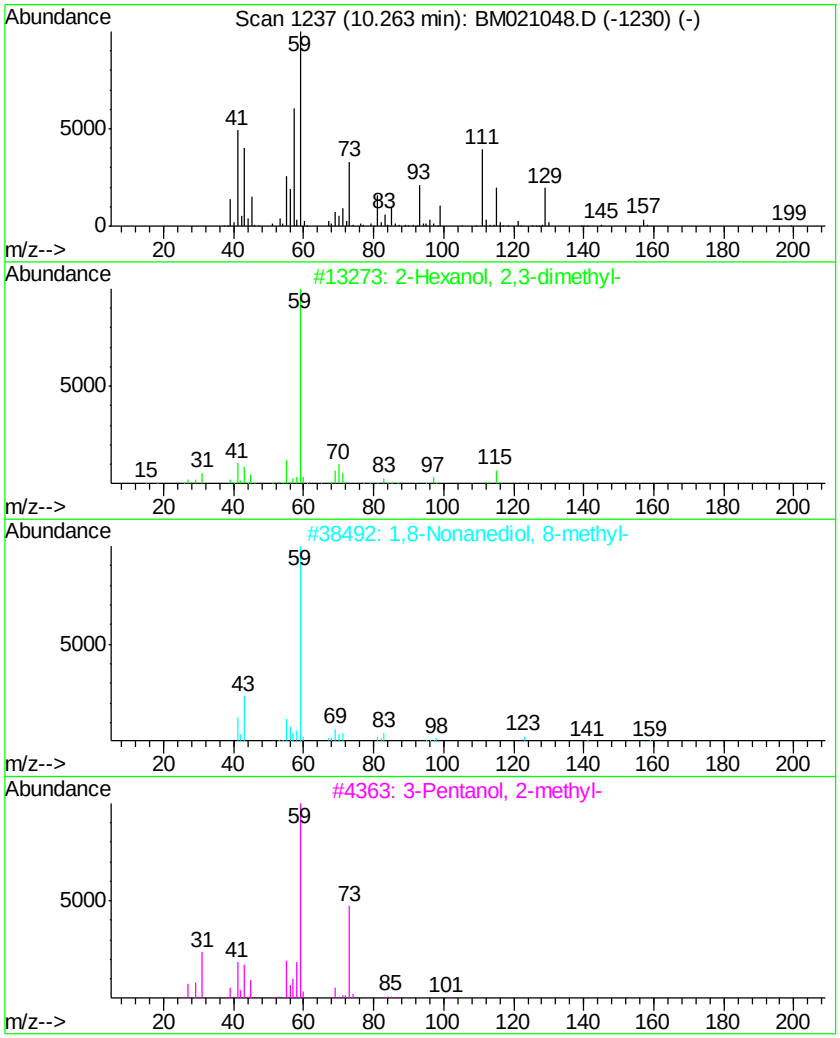
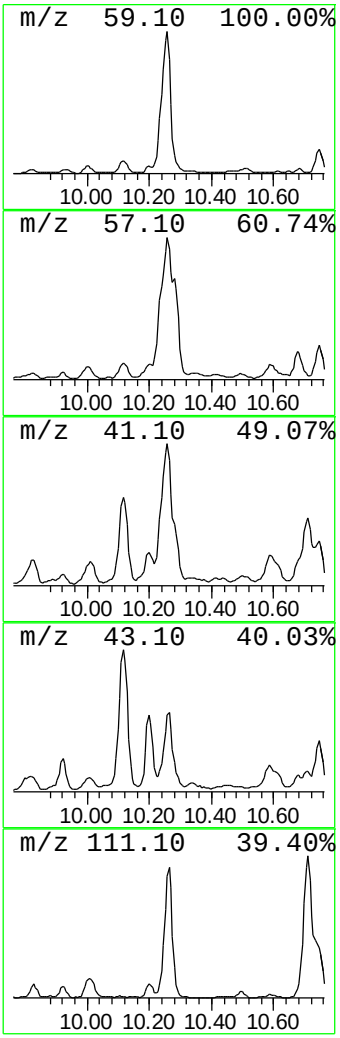
Peak Number 18 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	21.52 ng/ul	3708890	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	43
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	35
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	32
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	32
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25





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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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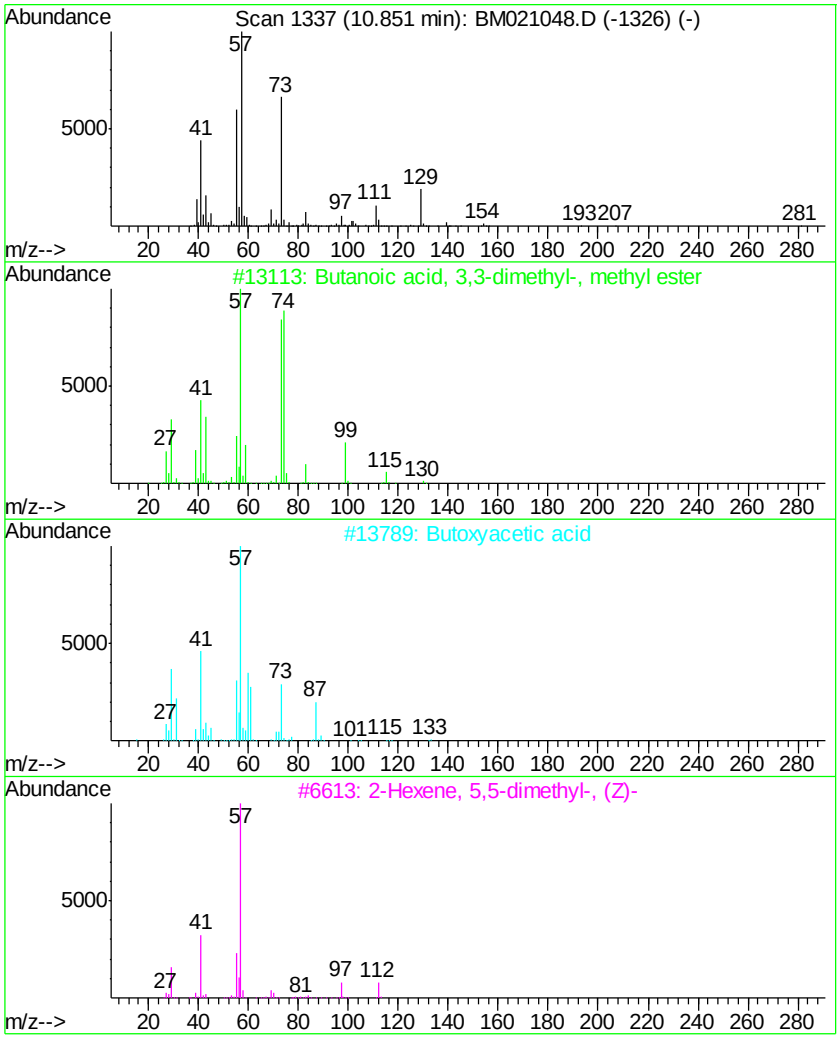
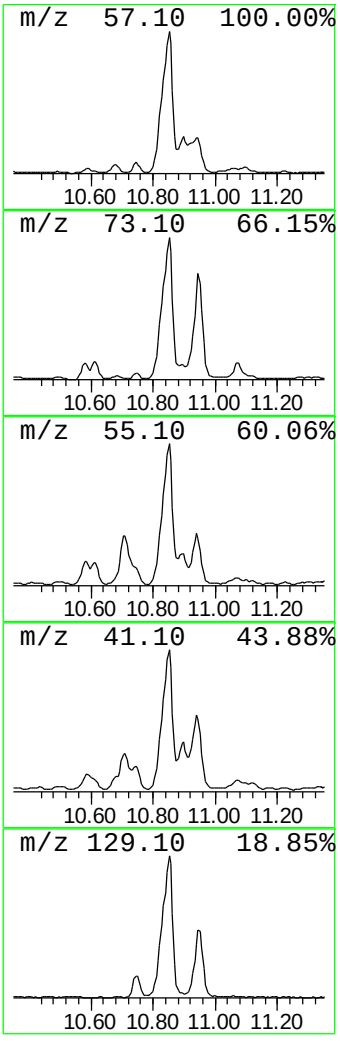
Peak Number 19 unknown-09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	33.56 ng/ul	5784500	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	38
2	Butoxyacetic acid	132	C6H12O3	002516-93-0	36
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	35
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	35
5	Acetic acid, trifluoro-, 2,2-dim...	184	C7H11F3O2	007556-79-8	32





Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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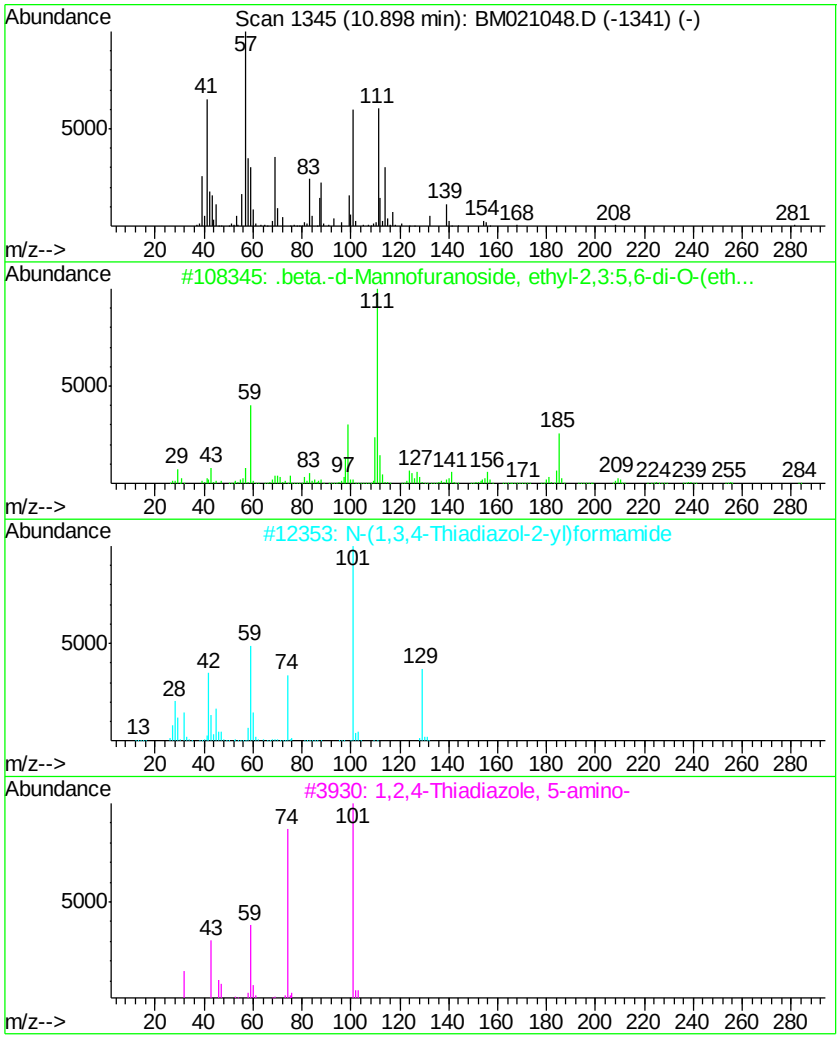
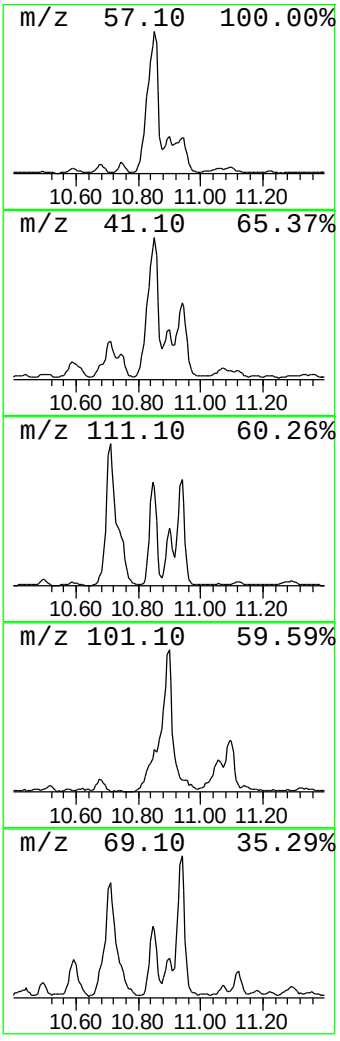
Peak Number 20 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	9.43 ng/ul	1626320	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-d-Mannofuranoside, ethyl-...	284	C12H22B2O6	1000149-59-5	27
2	N-(1,3,4-Thiadiazol-2-yl)formamide	129	C3H3N3OS	026861-89-2	14
3	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	14
4	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	10
5	2-ISOPROPOXYETHYL PROPIONATE	160	C8H16O3	1000236-37-0	10





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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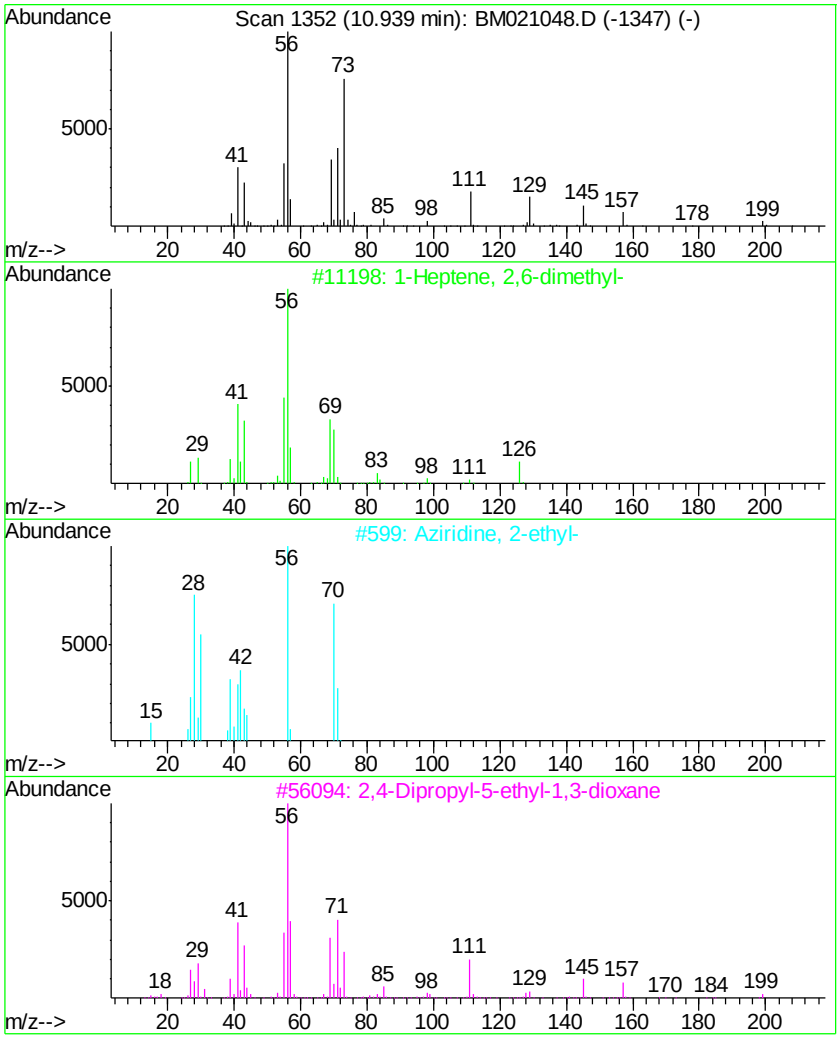
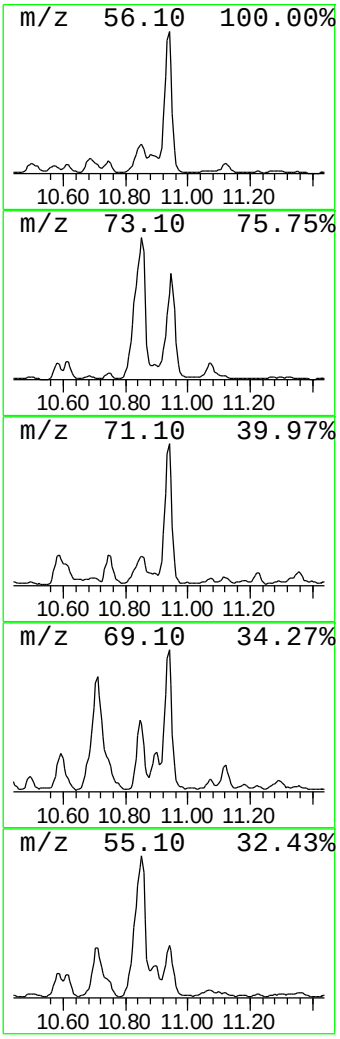
Peak Number 21 (DEL) Alkane: Cyclic10.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	19.48 ng/ul	3358040	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	35
2	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	33
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
4	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	25
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	17





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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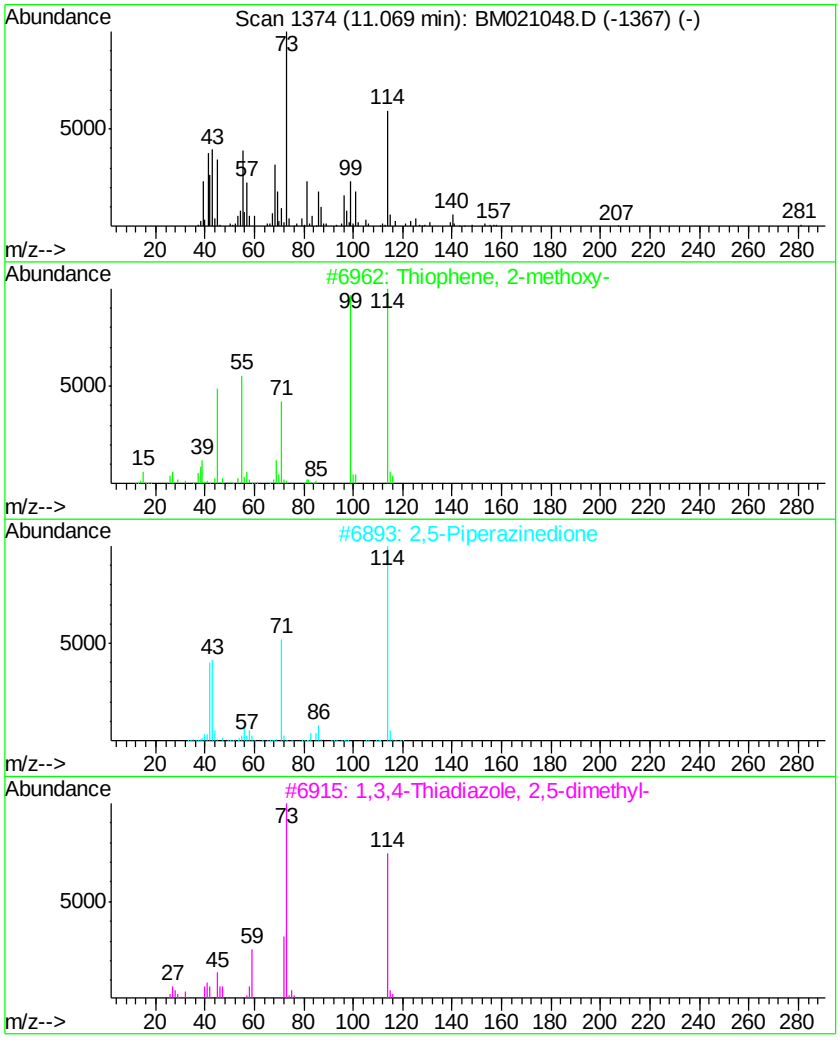
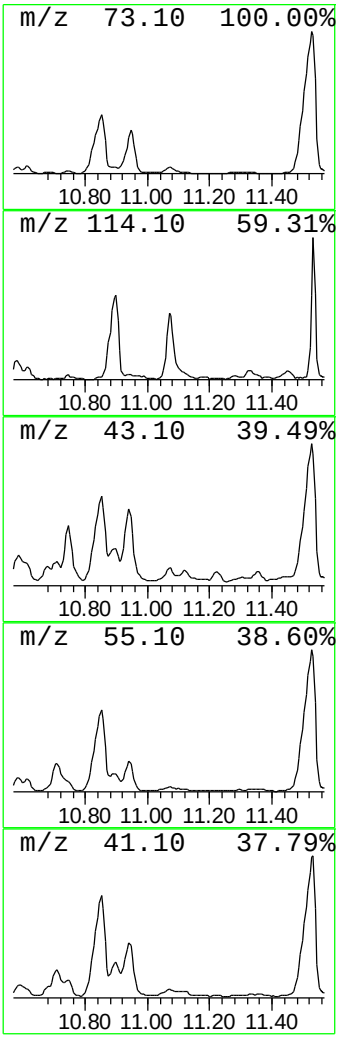
Peak Number 22 unknown-11 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.48 ng/ul	599249	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methoxy-	114	C5H6OS	016839-97-7	35
2	2,5-Piperazinedione	114	C4H6N2O2	000106-57-0	25
3	1,3,4-Thiadiazole, 2,5-dimethyl-	114	C4H6N2S	027464-82-0	16
4	Tetrapropylammonium bromide	265	C12H28BrN	001941-30-6	14
5	3-Pyrazolidinone, 1,4-dimethyl	114	C5H10N2O	006716-36-5	12





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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Quant Title : SVOA CALIBRATION

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

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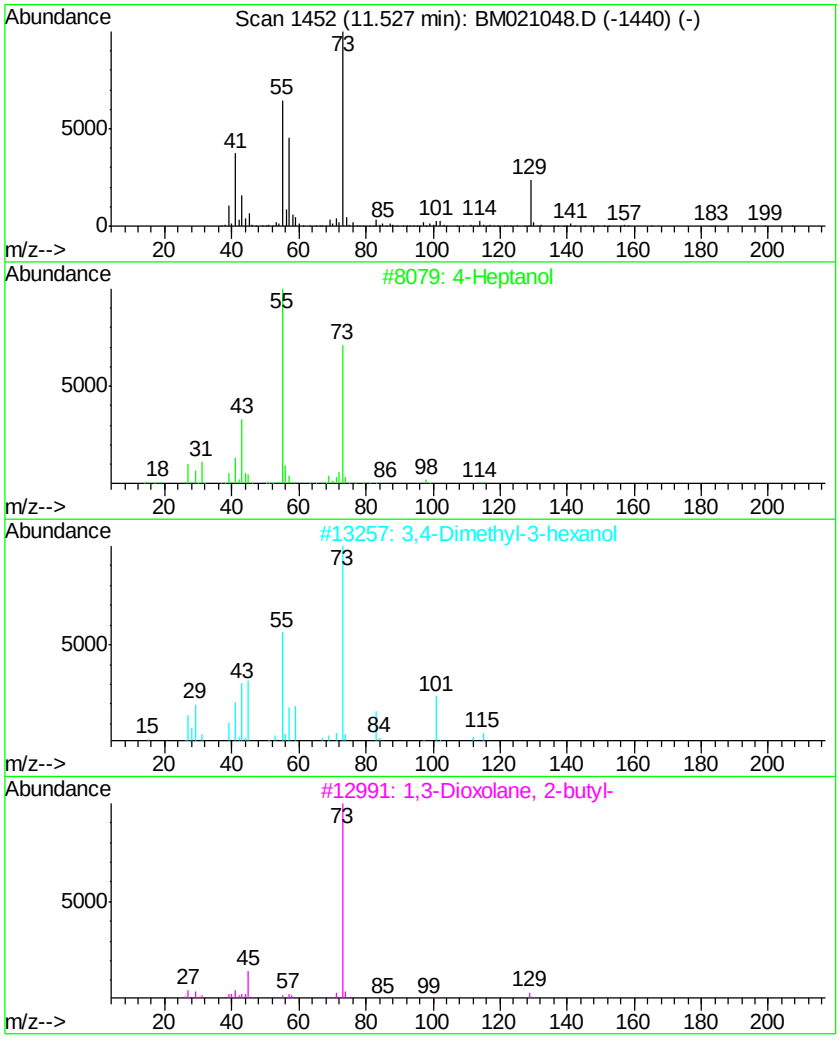
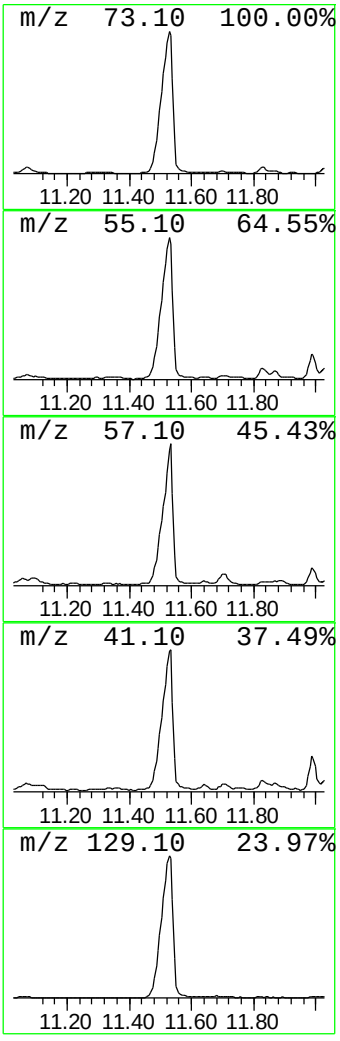
Peak Number 23 unknown-12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	49.53 ng/ul	8537230	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol	116	C7H16O	000589-55-9	35
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	23
3	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	12
4	1-Butene, 3-butoxy-	128	C8H16O	037027-60-4	10
5	2-Propenoic acid, ethyl ester	100	C5H8O2	000140-88-5	10





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Acq On : 19 Jun 2019 22:53
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Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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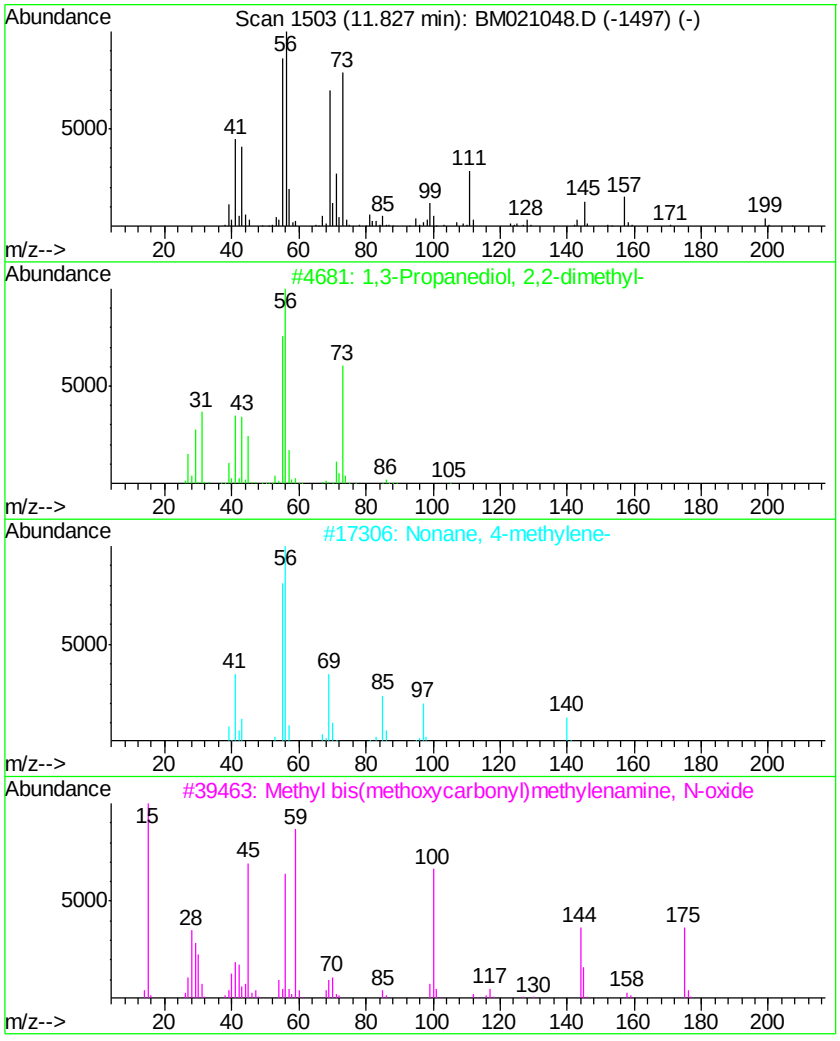
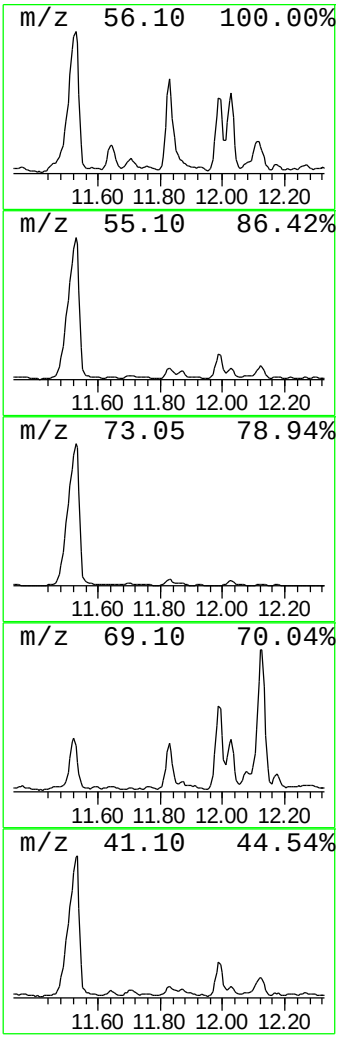
Peak Number 24 unknown-13 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.26 ng/ul	734510	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	43
2	Nonane, 4-methylene-	140	C10H20	033717-91-8	38
3	Methyl bis(methoxycarbonyl)methy...	175	C6H9NO5	062619-42-5	38
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5	3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	37





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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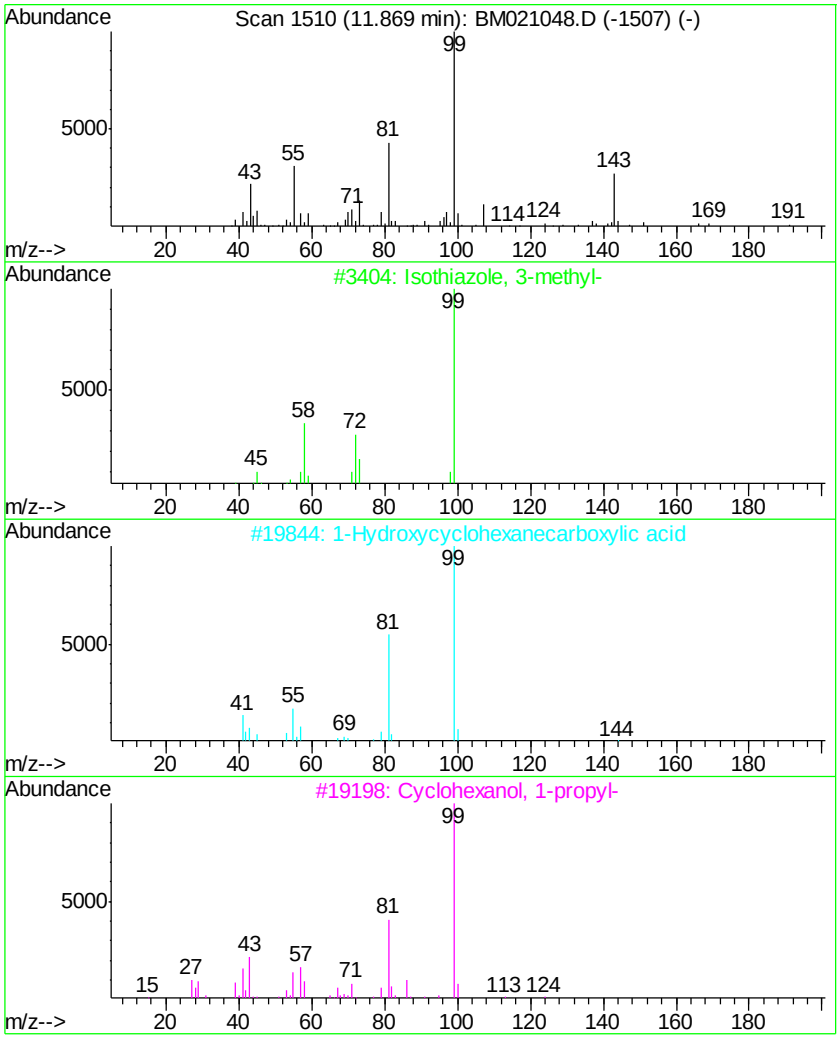
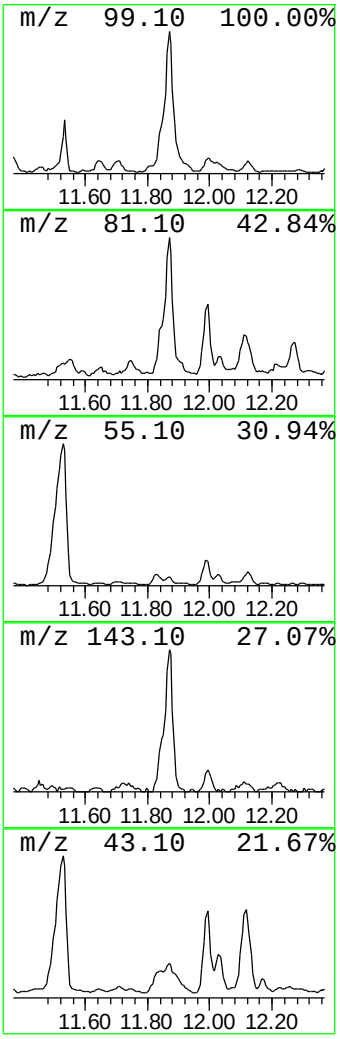
Peak Number 25 unknown-14 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.04 ng/ul	869568	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	49
2	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	47
3	Cyclohexanol, 1-propyl-	142	C9H18O	005445-24-9	38
4	Cyclohexanol, 1-(2-hexenyl)-	182	C12H22O	054655-47-9	38
5	4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	38





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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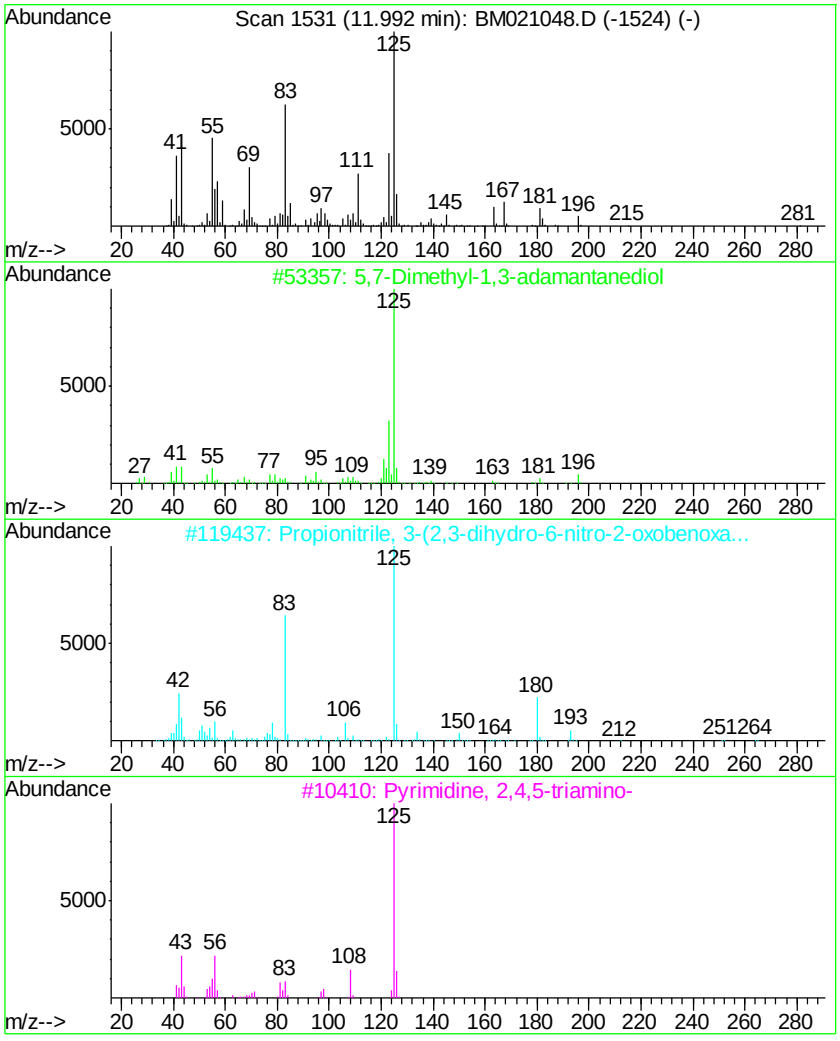
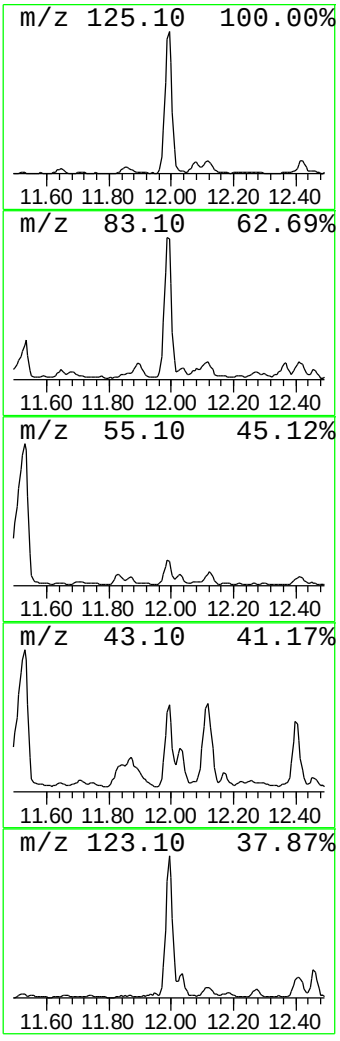
Peak Number 26 unknown-15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	15.23 ng/ul	2624920	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	Propionitrile, 3-(2,3-dihydro-6-...	304	C14H16N4O4	1000293-97-2	47
3	Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	38
4	3-Picoline, 6-(tert-butylthio)-	181	C10H15NS	018794-46-2	38
5	2-Fluoro-5-methylaniline	125	C7H8FN	000452-84-6	35





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Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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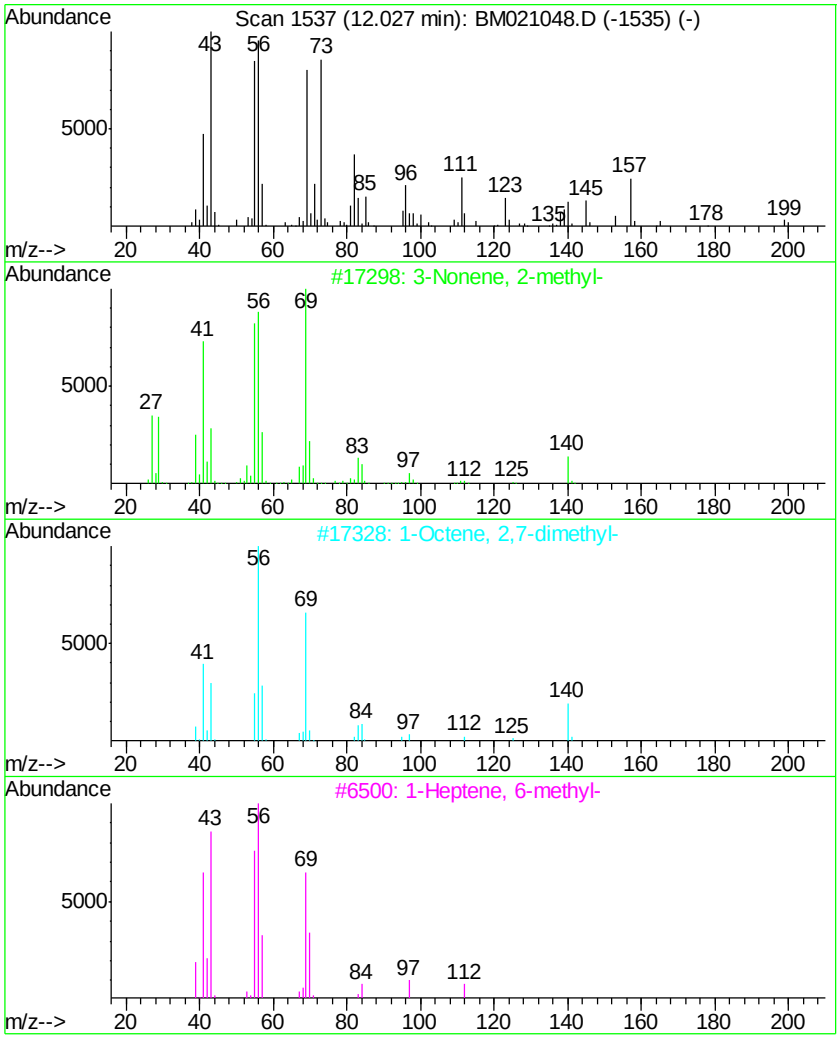
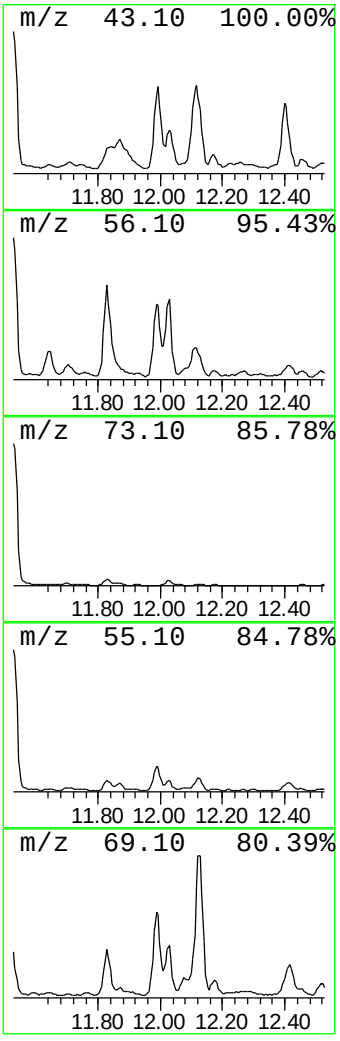
Peak Number 27 (DEL) Alkane: Cyclic12.03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.16 ng/ul	545194	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	49
2	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	47
3	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	43
4	1-Octene, 7-methyl-	126	C9H18	013151-06-9	43
5	3-Decene, 2-methyl-, (Z)-	154	C11H22	055499-05-3	43





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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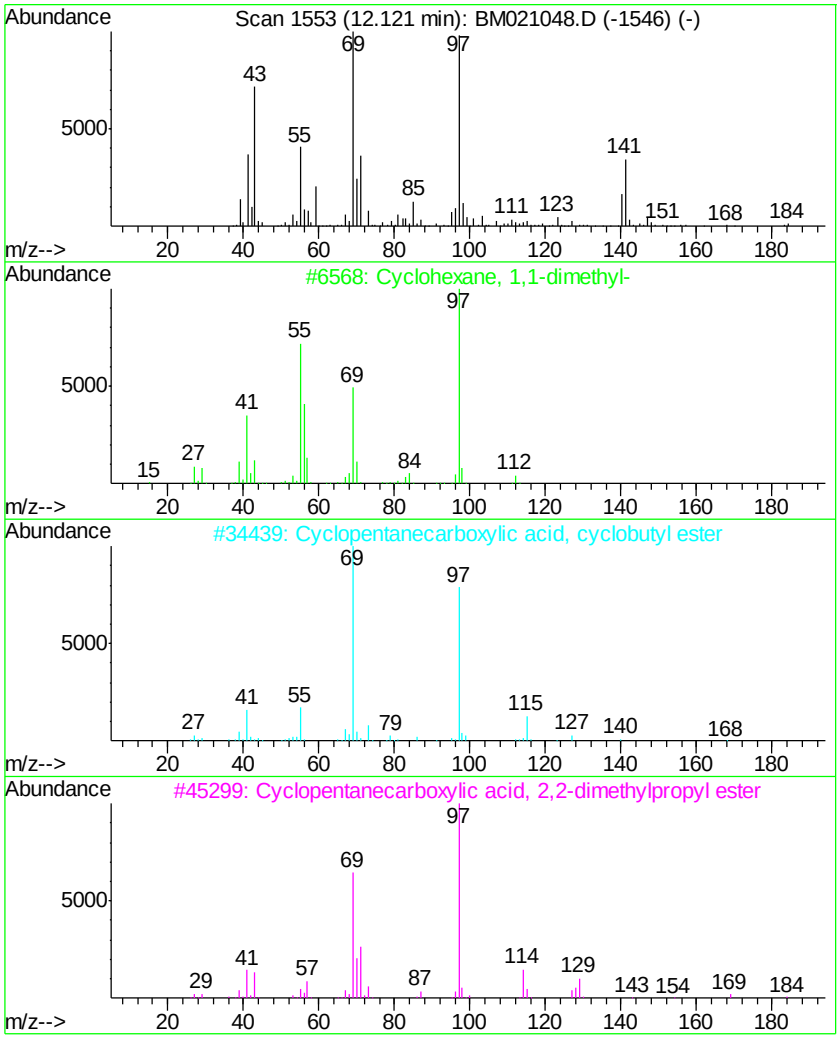
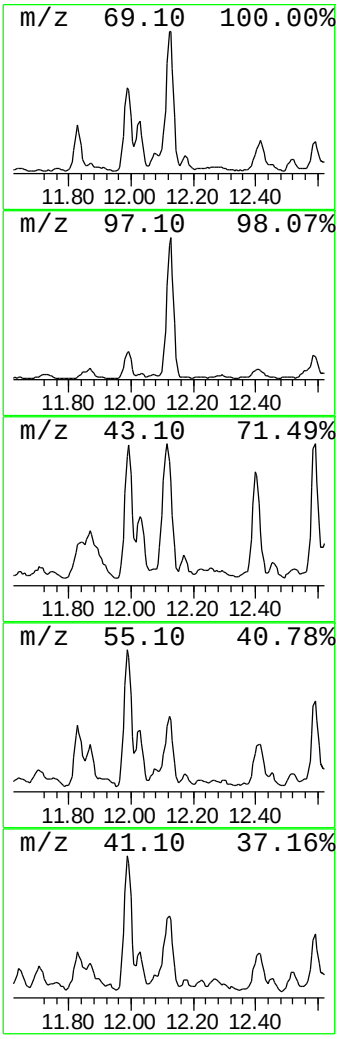
Peak Number 28 (DEL) Alkane: Cyclic12.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.98 ng/ul	1720650	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
2	Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	47
3	Cyclopentanecarboxylic acid, 2,2...	184	C11H20O2	1000282-42-6	43
4	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	30
5	4-Propyl-2-hydroxycyclopent-2-en...	140	C8H12O2	082147-26-0	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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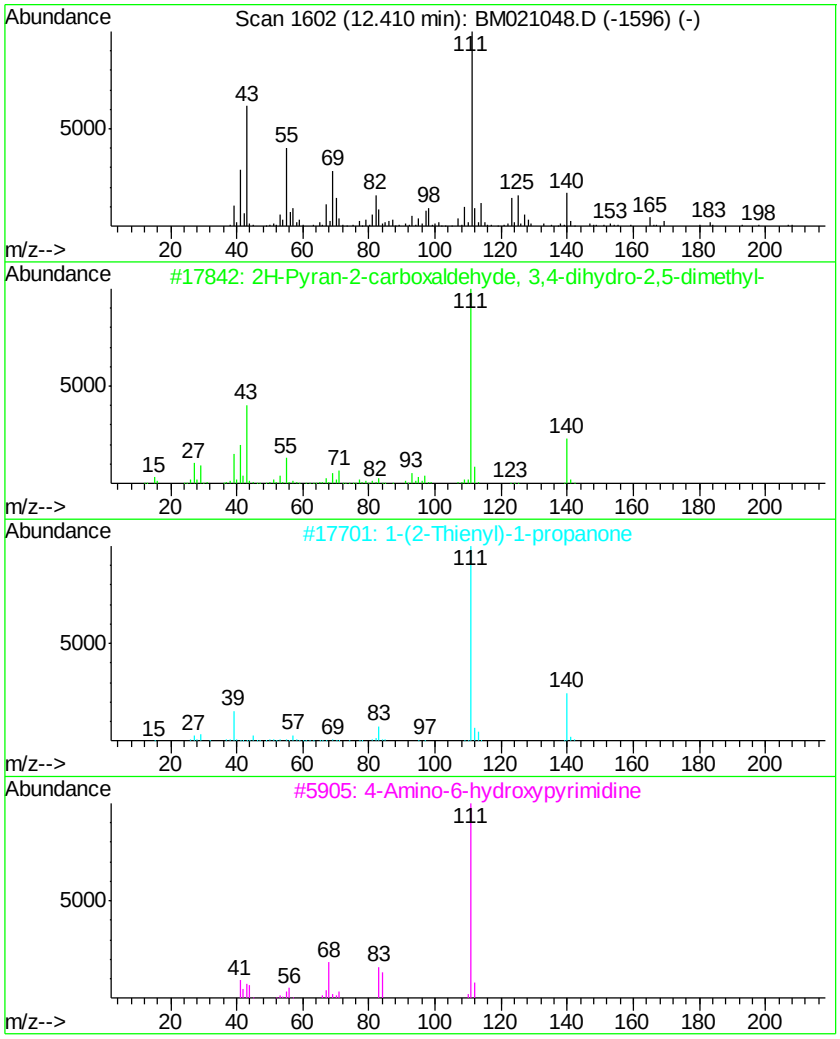
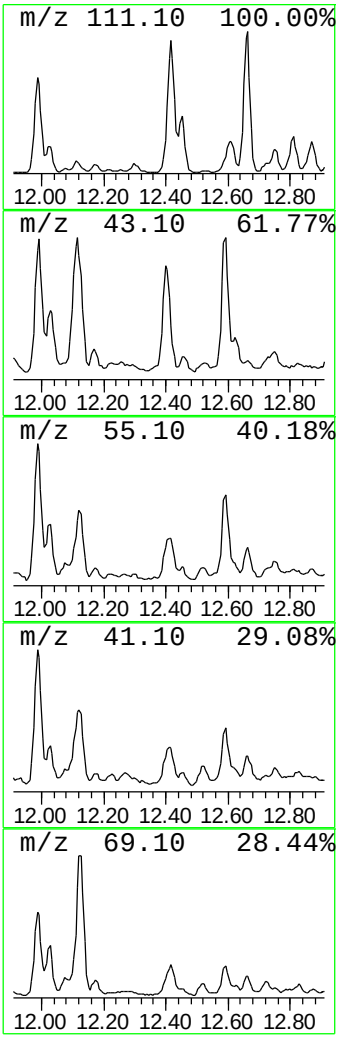
Peak Number 29 2H-Pyran-2-carboxaldehyde, ... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.22 ng/ul	899259	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	50
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	47
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	46
4	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	43
5	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	43





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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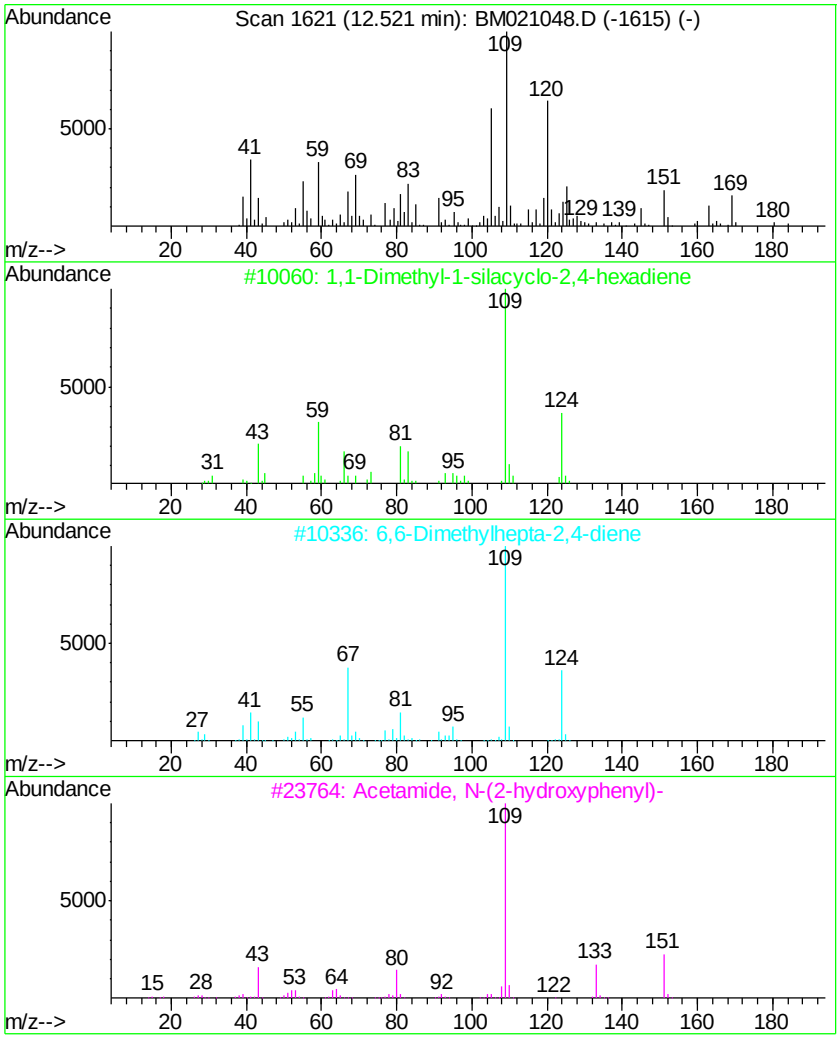
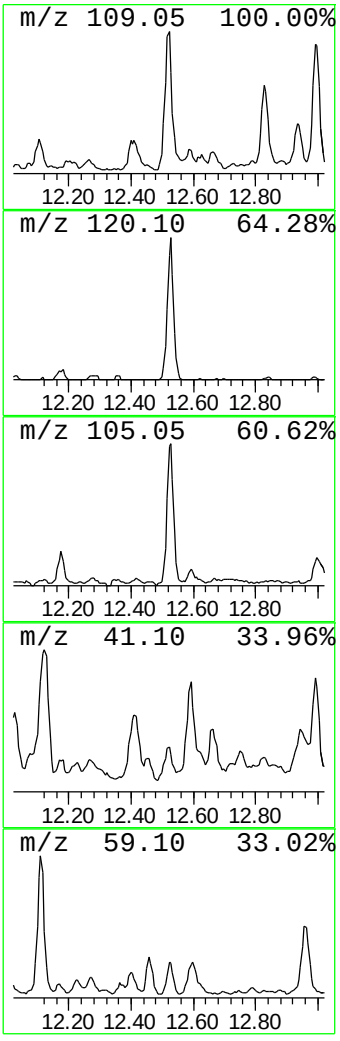
Peak Number 30 unknown-16 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.87 ng/ul	509932	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-1-silacyclo-2,4-hex...	124	C7H12Si	052023-18-4	35
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	30
3	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	27
4	Metacetamol	151	C8H9NO2	000621-42-1	27
5	Benzene, 1-fluoro-2-(2-methoxyet...	152	C9H9FO	054533-36-7	27





Library Search Compound Report

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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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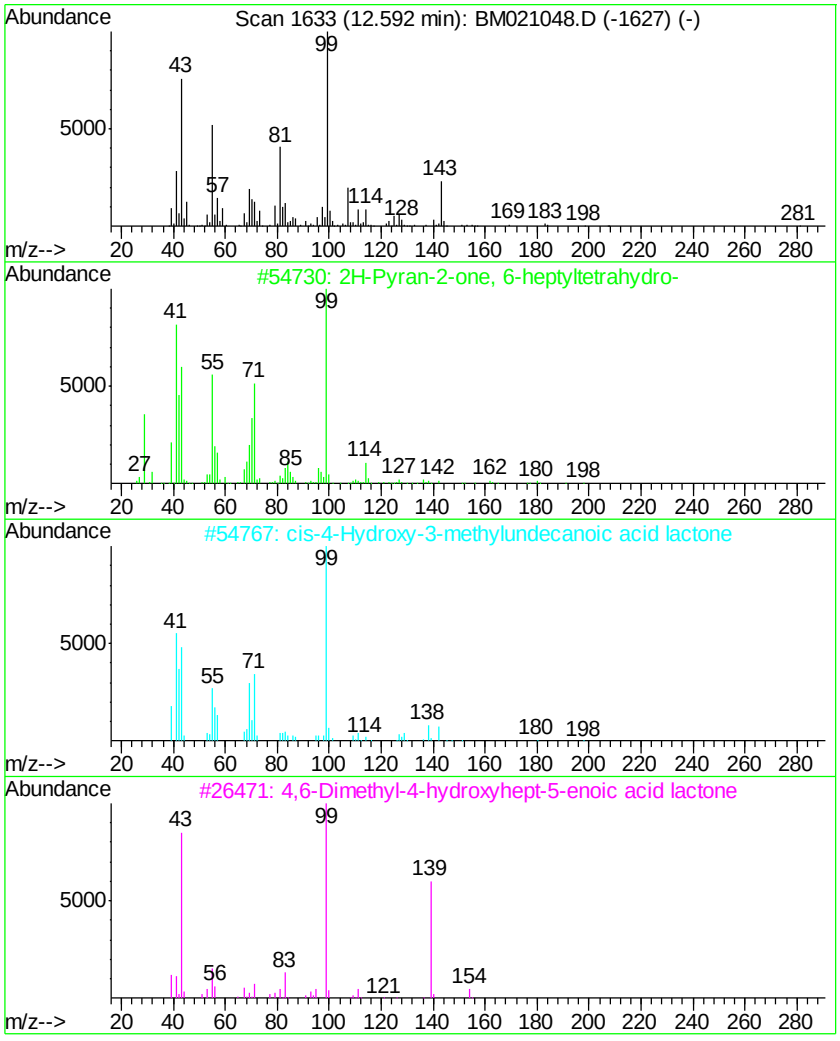
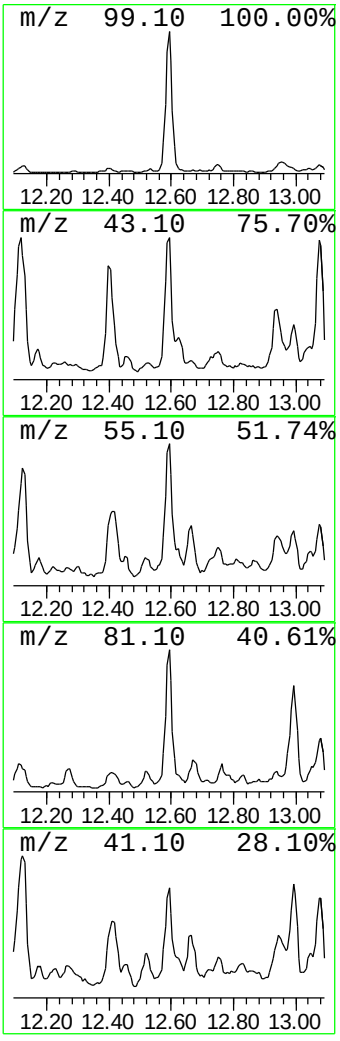
Peak Number 31 unknown-17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.25 ng/ul	1287470	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 6-heptyltetrahydro-	198	C12H22O2	000713-95-1	49
2	cis-4-Hydroxy-3-methylundecanoic...	198	C12H22O2	148806-09-1	49
3	4,6-Dimethyl-4-hydroxyhept-5-eno...	154	C9H14O2	1000122-47-0	47
4	trans-4-Oxo-2-pentenoic acid	114	C5H6O3	002833-28-5	47
5	2H-Pyran-2-one, tetrahydro-6-pro...	142	C8H14O2	000698-76-0	43





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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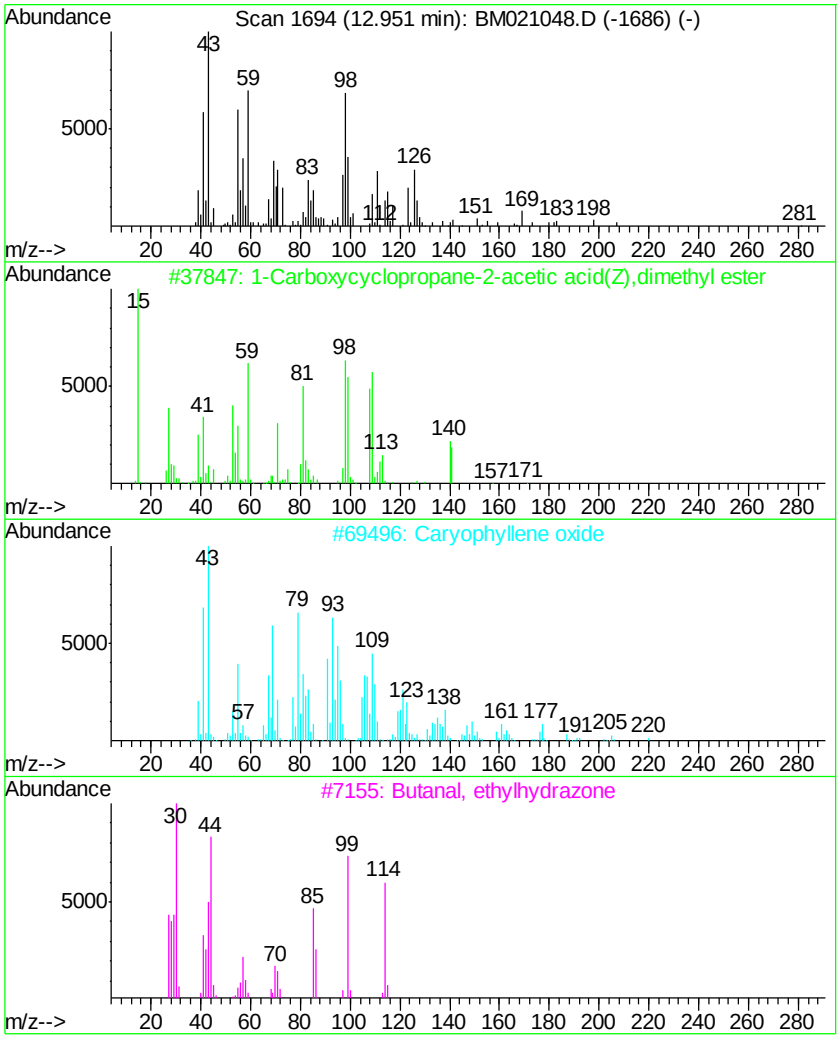
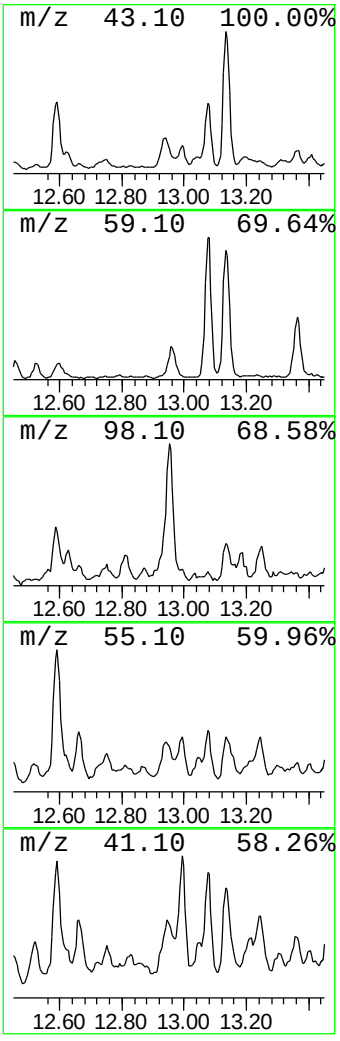
Peak Number 33 unknown-18 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	3.72 ng/ul	660243	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Carboxycyclopropane-2-acetic a...	172	C8H12O4	077462-53-4	32
2	Caryophyllene oxide	220	C15H24O	001139-30-6	11
3	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	11
4	6-Methyl-6-nitroheptan-2-one	173	C8H15NO3	142963-25-5	10
5	Pentanoic acid, 4-oxo-, methyl e...	130	C6H10O3	000624-45-3	10





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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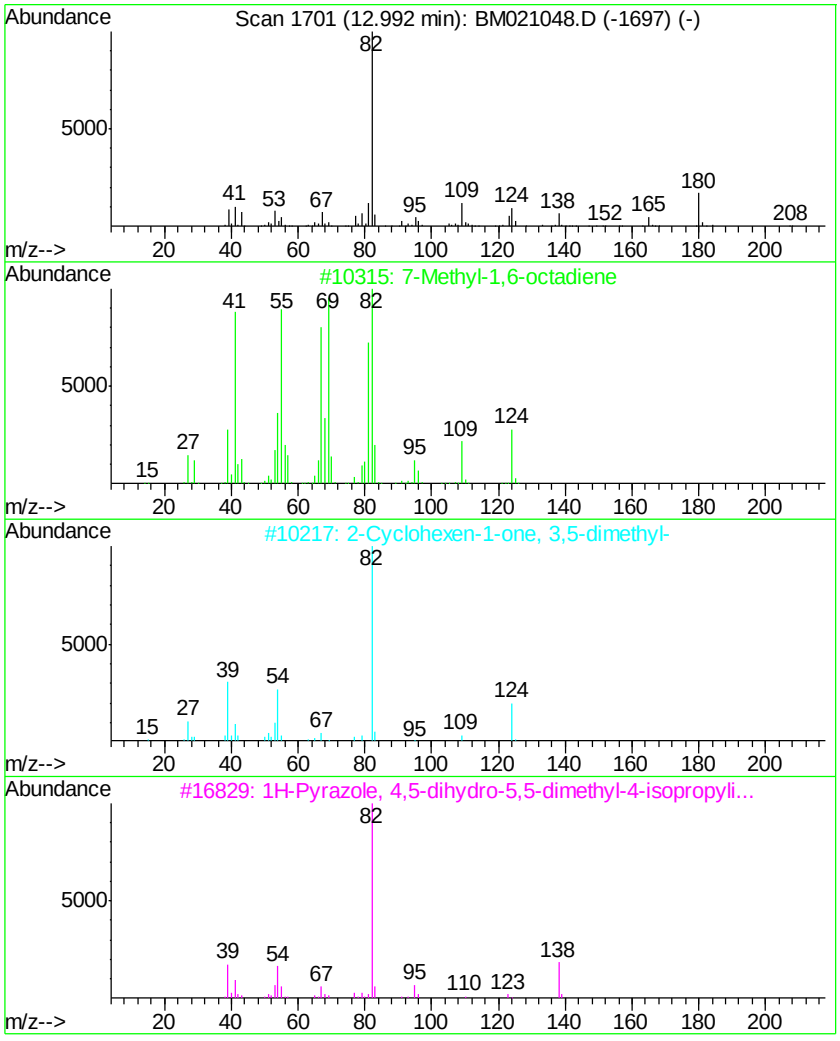
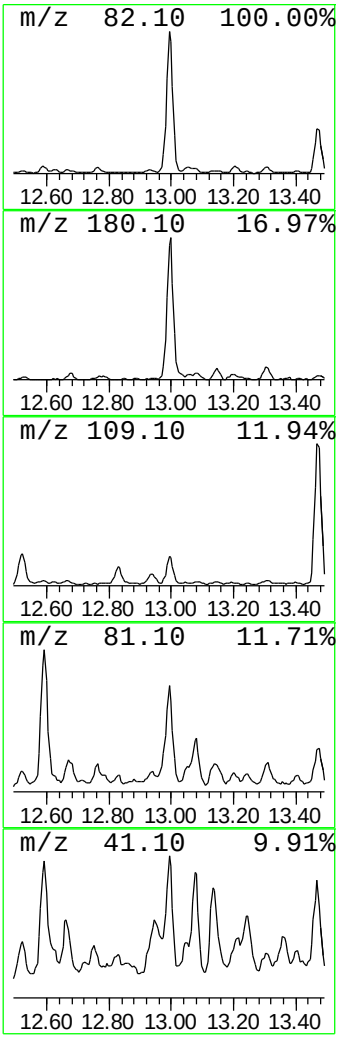
Peak Number 34 7-Methyl-1,6-octadiene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	6.39 ng/ul	1134060	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	53
2	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	50
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	50
4	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	40
5	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	40





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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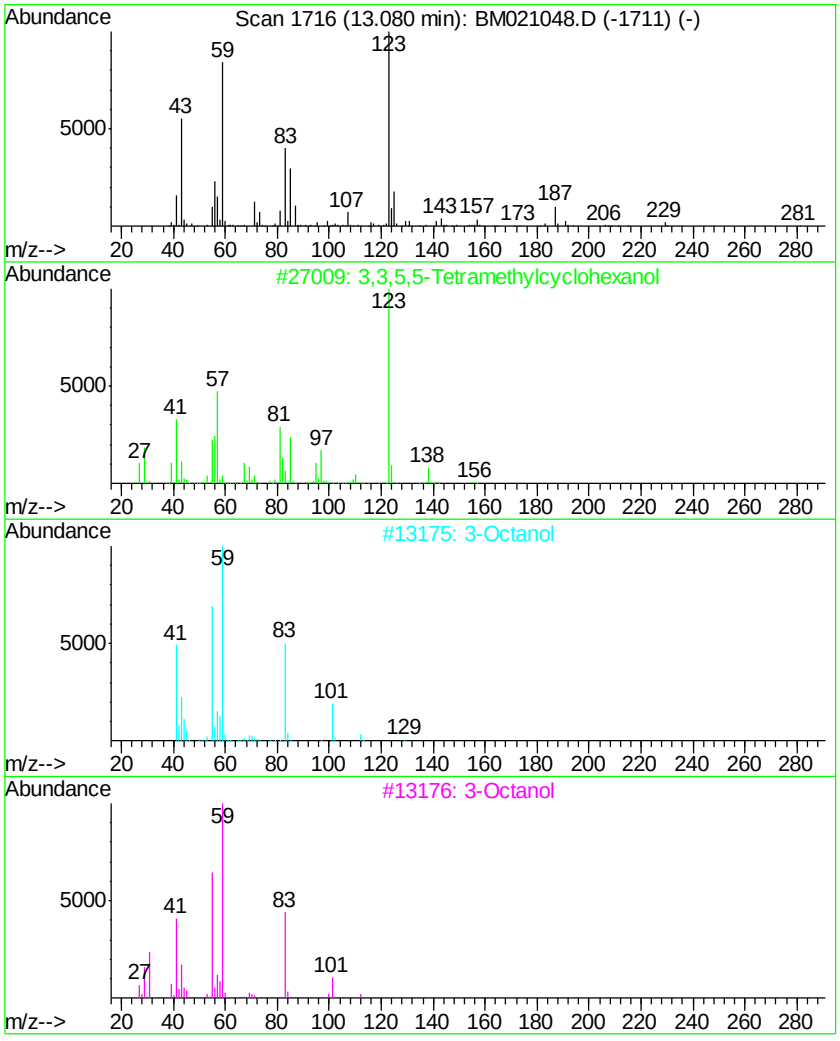
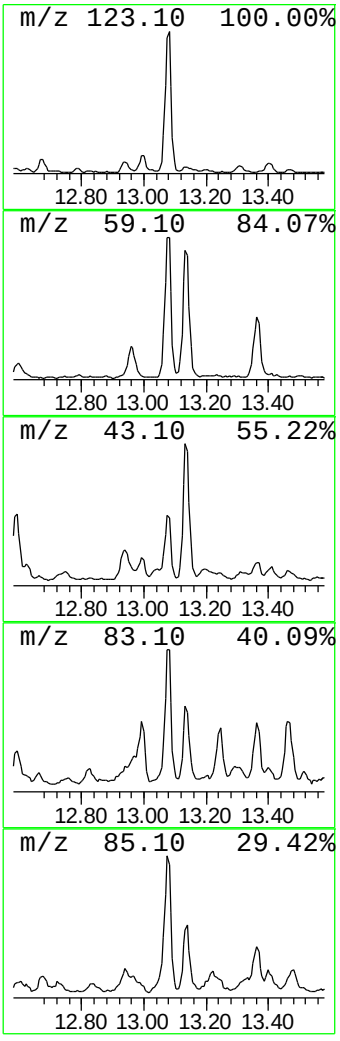
Peak Number 35 unknown-19 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.89 ng/ul	1223780	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	35
2	3-Octanol	130	C8H18O	020296-29-1	35
3	3-Octanol	130	C8H18O	000589-98-0	25
4	3-Octanol	130	C8H18O	000589-98-0	25
5	Acetic acid, dichloro-, methyl e...	142	C3H4Cl2O2	000116-54-1	23





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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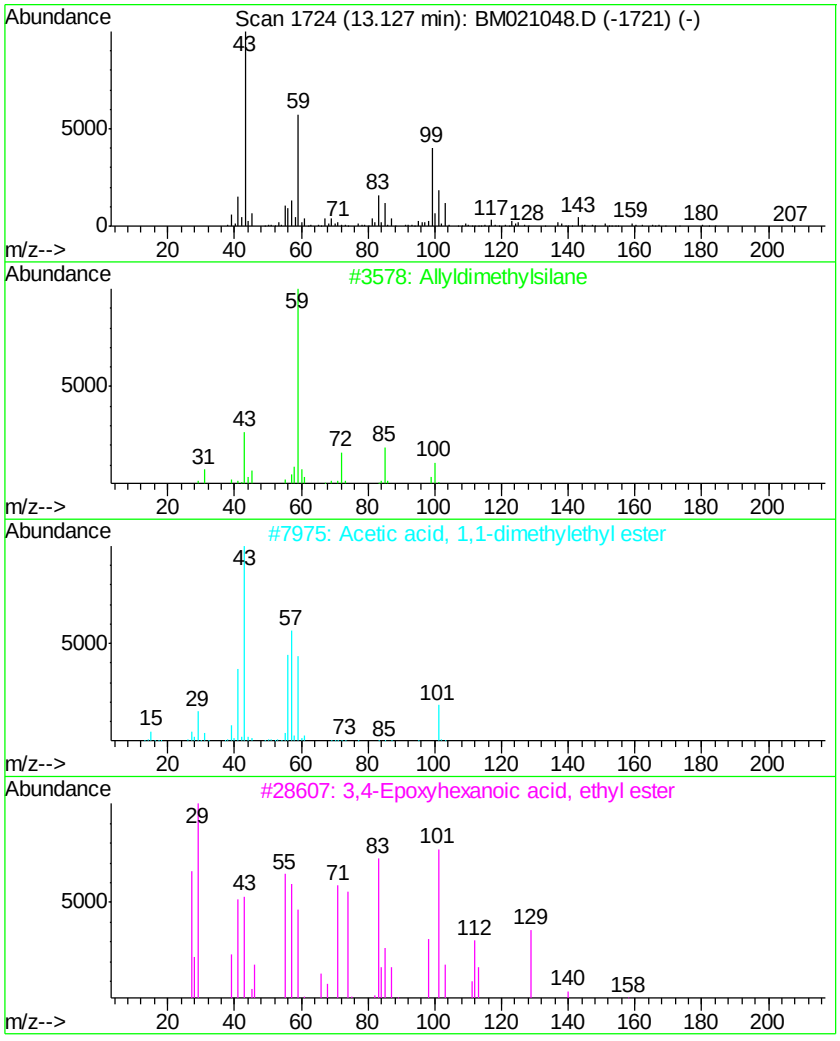
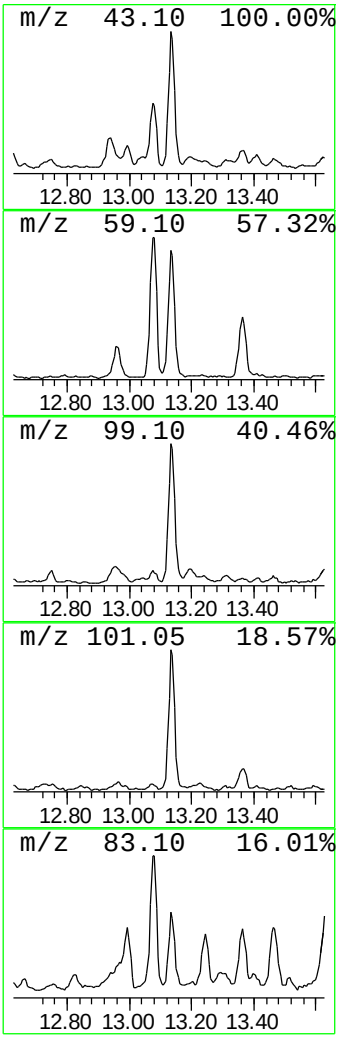
Peak Number 36 unknown-20 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.59 ng/ul	1169370	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyldimethylsilane	100	C5H12Si	003937-30-2	30
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	16
3	3,4-Epoxyhexanoic acid, ethyl ester	158	C8H14O3	061454-92-0	14
4	Pentan-2-ol, 4-allyloxy-2-methyl-	158	C9H18O2	102840-52-8	12
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	12





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Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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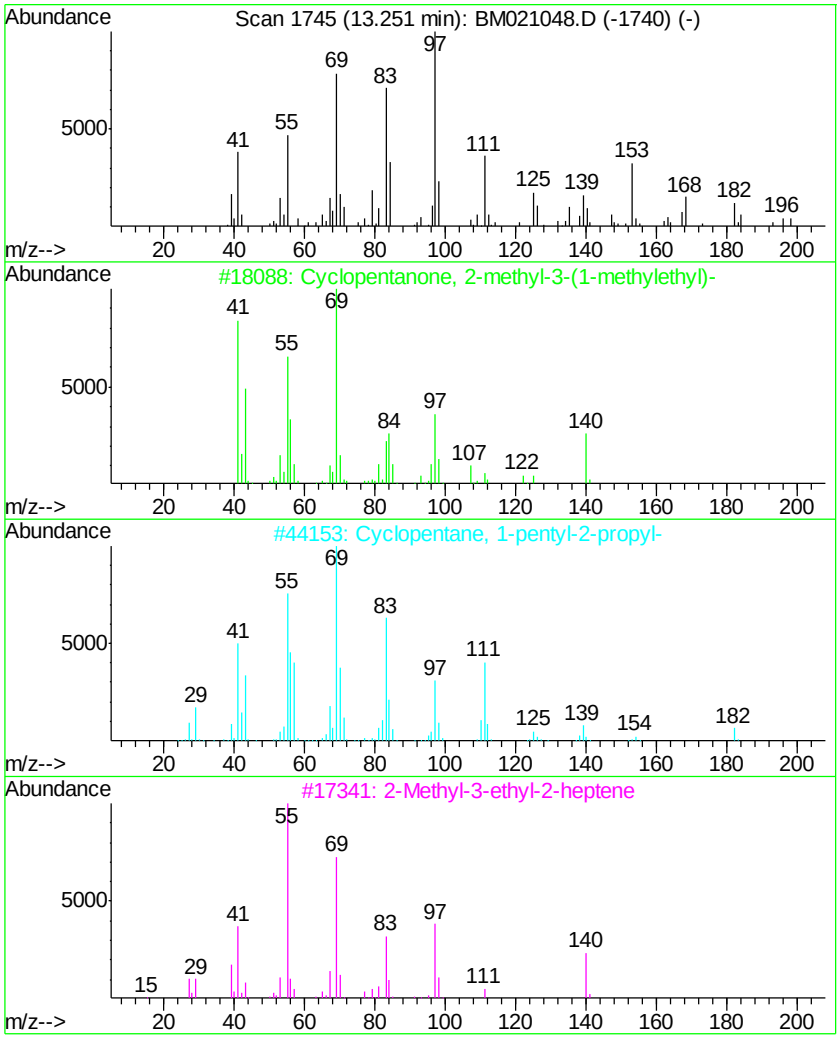
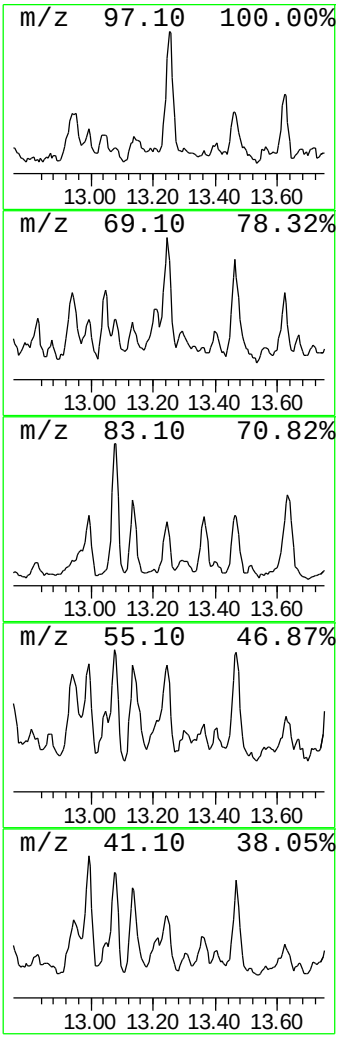
Peak Number 37 Cyclopentanone, 2-methyl-3-... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.29 ng/ul	407137	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	58
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	49
3	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	49
4	Cyclotetradecane	196	C14H28	000295-17-0	49
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30





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Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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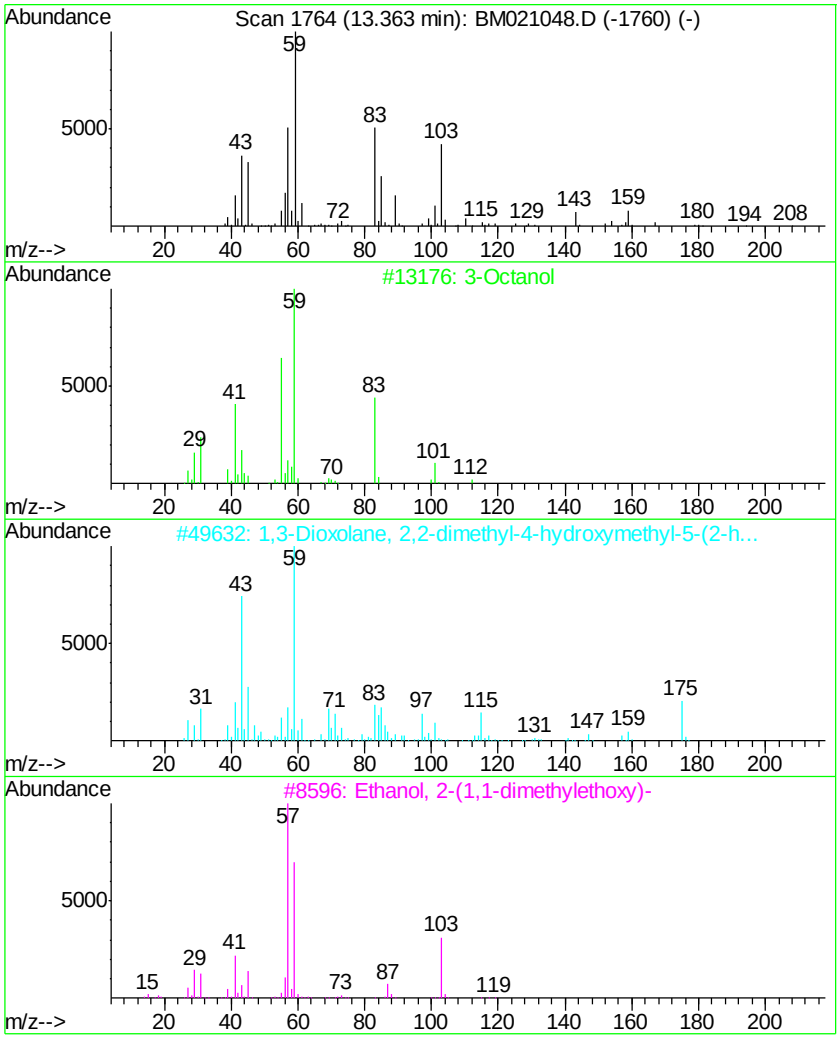
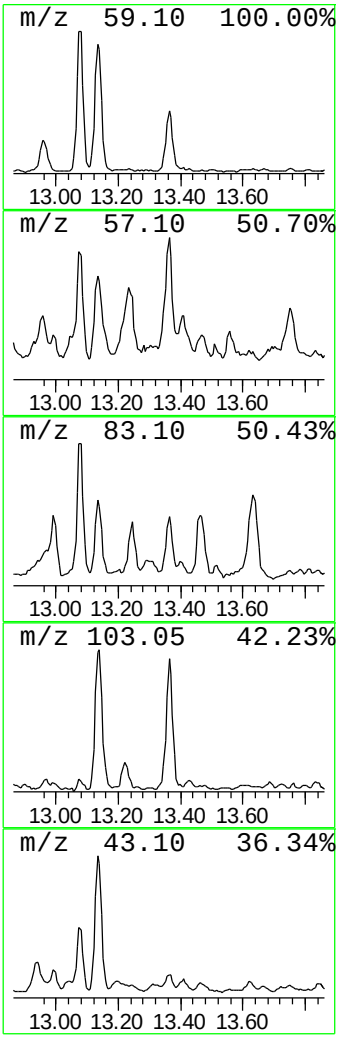
Peak Number 38 unknown-21 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.38 ng/ul	421794	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	43
2	1,3-Dioxolane, 2,2-dimethyl-4-hy...	190	C9H18O4	1000195-95-6	38
3	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	37
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	37
5	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	28





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Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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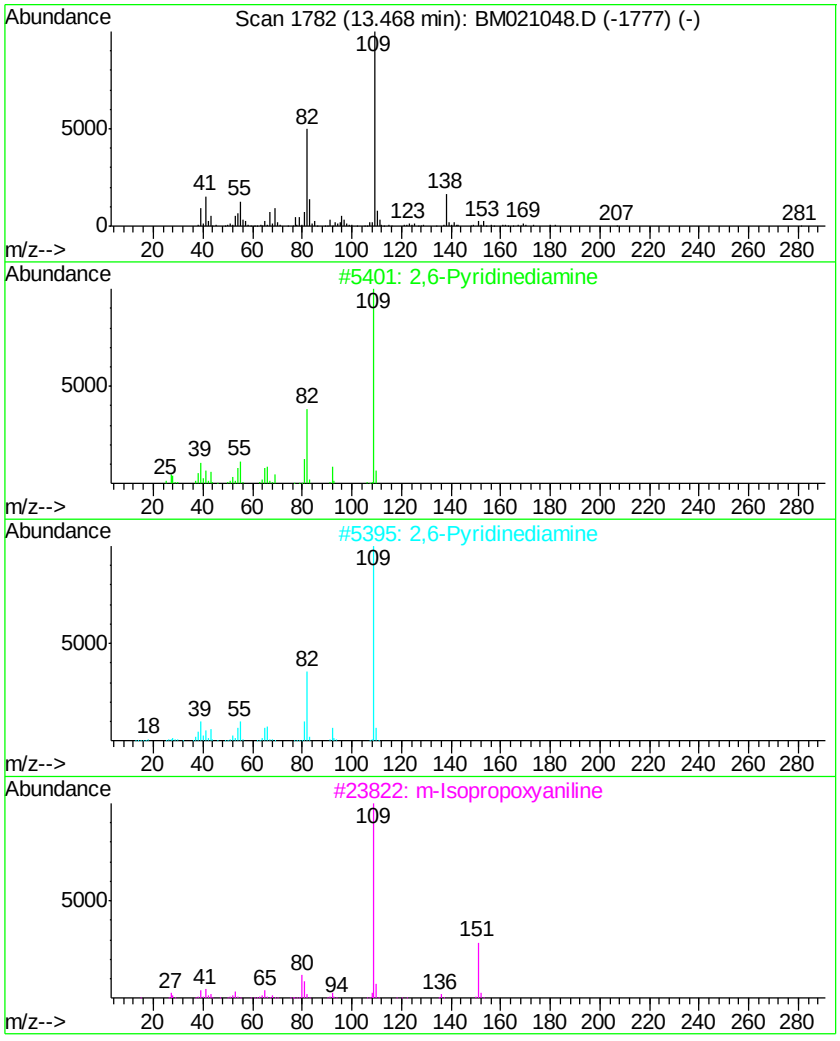
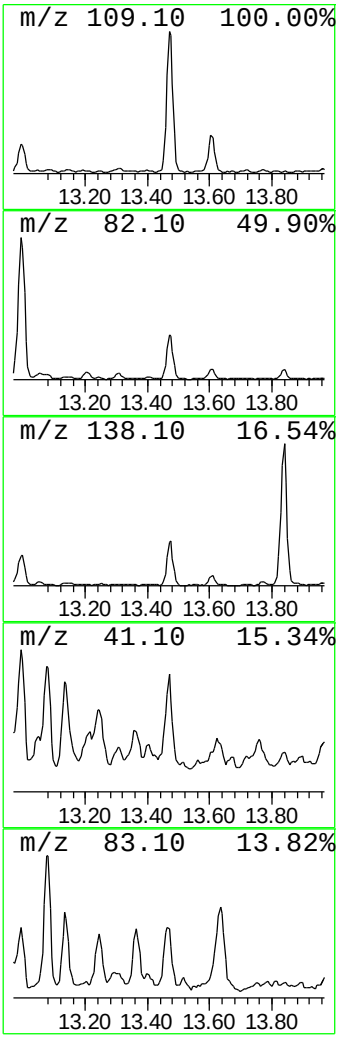
Peak Number 39 2,6-Pyridinediamine Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.23 ng/ul	928319	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	50
2	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	50
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
4	Phenol, o-amino-	109	C6H7NO	000095-55-6	38
5	Phenol, 3-amino-	109	C6H7NO	000591-27-5	38





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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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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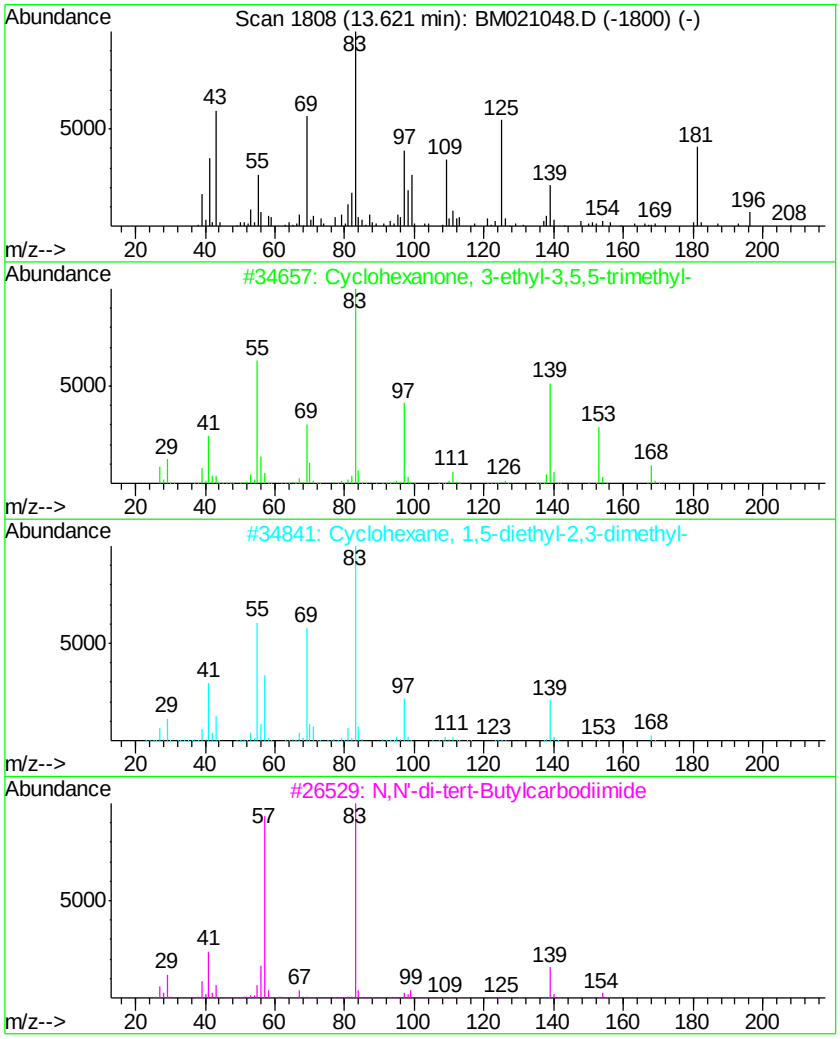
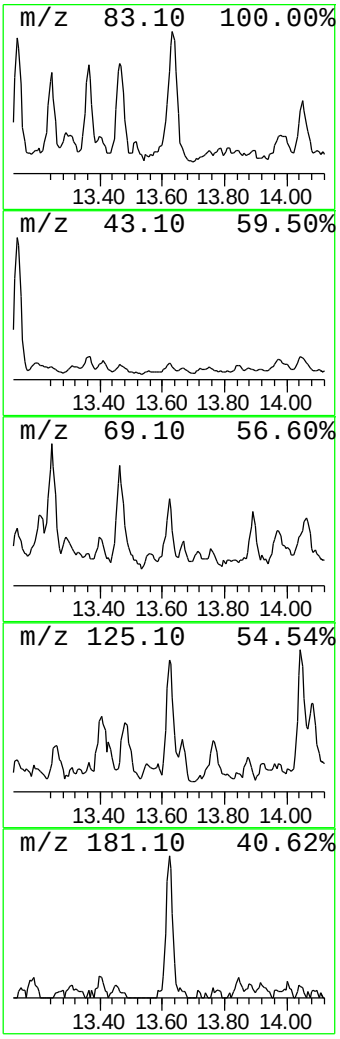
Peak Number 40 unknown-22 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.06 ng/ul	544043	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-ethyl-3,5,5-tri...	168	C11H20O	167226-01-9	38
2	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	35
3	N,N'-di-tert-Butylcarbodiimide	154	C9H18N2	000691-24-7	30
4	Oxalic acid, di-(-)-menthyl ester	366	C22H38O4	1000158-45-3	27
5	t-butylsulfinate,-O-menthyl-	260	C14H28O2S	1000151-39-9	27





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Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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

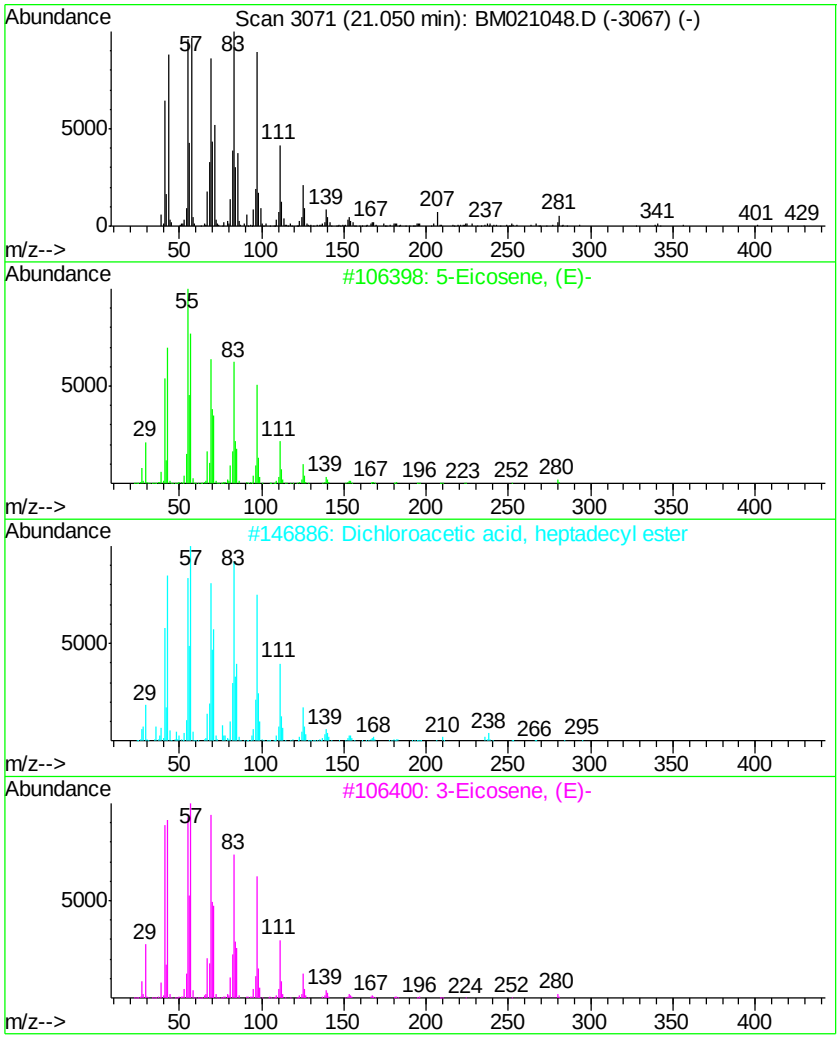
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

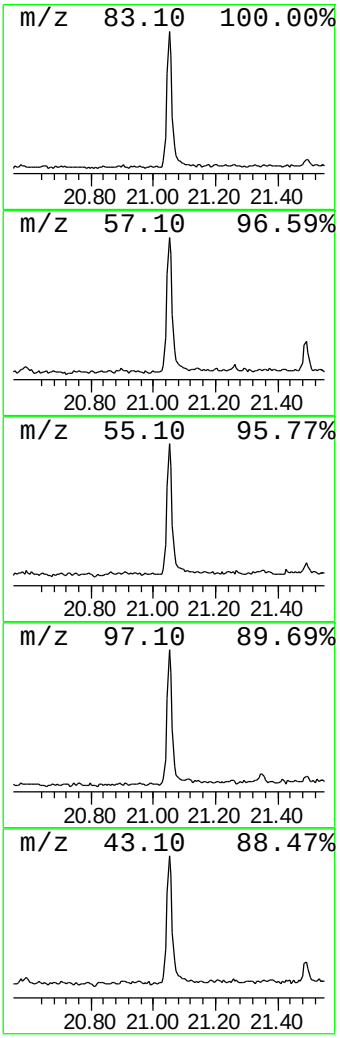
****

Peak Number 57 (DEL) Alkane: Cyclic21.05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.36 ng/ul	626166	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061919\
Data File : BM021048.D
Acq On : 19 Jun 2019 22:53
Operator : HP/JU
Sample : K3213-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8K2

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	9.1	ng/ul	758647	1	7.79	1660810	20.0
unknown-01	5.37	12.8	ng/ul	1063410	1	7.79	1660810	20.0
unknown-02	5.57	6.2	ng/ul	515464	1	7.79	1660810	20.0
1,1-Hexylenedioxy...	6.53	21.8	ng/ul	1812680	1	7.79	1660810	20.0
unknown-03	7.05	5.0	ng/ul	415416	1	7.79	1660810	20.0
unknown-04	7.99	102.6	ng/ul	8517450	1	7.79	1660810	20.0
unknown-05	8.03	184.4	ng/ul	15314700	1	7.79	1660810	20.0
(DEL) Alkane: Cyc...	8.24	8.7	ng/ul	722960	1	7.79	1660810	20.0
(DEL) Alkane: Cyc...	9.20	3.4	ng/ul	579734	2	10.57	3447490	20.0
unknown-06	9.31	3.9	ng/ul	679974	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	9.37	3.0	ng/ul	522897	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	9.47	2.4	ng/ul	407973	2	10.57	3447490	20.0
(DEL) Alkane: Str...	9.56	12.8	ng/ul	2212500	2	10.57	3447490	20.0
Cyclohexanone, 3,...	9.83	4.7	ng/ul	804023	2	10.57	3447490	20.0
unknown-07	9.92	2.3	ng/ul	398982	2	10.57	3447490	20.0
1-Propanone, 1-cy...	10.01	4.5	ng/ul	773272	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	10.12	14.0	ng/ul	2413900	2	10.57	3447490	20.0
unknown-08	10.26	21.5	ng/ul	3708890	2	10.57	3447490	20.0
unknown-09	10.85	33.6	ng/ul	5784500	2	10.57	3447490	20.0
unknown-10	10.90	9.4	ng/ul	1626320	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	10.94	19.5	ng/ul	3358040	2	10.57	3447490	20.0
unknown-11	11.07	3.5	ng/ul	599249	2	10.57	3447490	20.0
unknown-12	11.53	49.5	ng/ul	8537230	2	10.57	3447490	20.0
unknown-13	11.83	4.3	ng/ul	734510	2	10.57	3447490	20.0
unknown-14	11.87	5.0	ng/ul	869568	2	10.57	3447490	20.0
unknown-15	11.99	15.2	ng/ul	2624920	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	12.03	3.2	ng/ul	545194	2	10.57	3447490	20.0
(DEL) Alkane: Cyc...	12.12	10.0	ng/ul	1720650	2	10.57	3447490	20.0
2H-Pyran-2-carbox...	12.41	5.2	ng/ul	899259	2	10.57	3447490	20.0
unknown-16	12.52	2.9	ng/ul	509932	3	14.43	3551340	20.0
unknown-17	12.59	7.3	ng/ul	1287470	3	14.43	3551340	20.0
unknown-18	12.95	3.7	ng/ul	660243	3	14.43	3551340	20.0
7-Methyl-1,6-octa...	12.99	6.4	ng/ul	1134060	3	14.43	3551340	20.0
unknown-19	13.08	6.9	ng/ul	1223780	3	14.43	3551340	20.0
unknown-20	13.13	6.6	ng/ul	1169370	3	14.43	3551340	20.0
Cyclopentanone, 2...	13.25	2.3	ng/ul	407137	3	14.43	3551340	20.0
unknown-21	13.36	2.4	ng/ul	421794	3	14.43	3551340	20.0
2,6-Pyridinediamine	13.47	5.2	ng/ul	928319	3	14.43	3551340	20.0
unknown-22	13.62	3.1	ng/ul	544043	3	14.43	3551340	20.0
(DEL) Alkane: Cyc...	21.05	3.4	ng/ul	626166	5	21.35	3729250	20.0