LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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	3.910	150	157	164	rVB	105422	192420	0.93%	0.125%
2	4.016	170	175	181	rVB	117854	170156	0.82%	0.111%
3	4.269	213	218	228	rVB	488503	640095	3.08%	0.417%
4	5.381	401	407	413	rVV2	219858	345088	1.66%	0.225%
5	5.440	413	417	426	rVV	104962	198430	0.95%	0.129%
6	5.693	457	460	467	rVV	133151	207003	1.00%	0.135%
7	6.128	528	534	539	rBV	739436	1251559	6.02%	0.815%
8	6.534	598	603	612	rVB	1109781	1543142	7.43%	1.005%
9	6.934	665	671	676	rBV	1326566	1897958	9.13%	1.236%
10	6.987	676	680	686	rVB2	122454	273138	1.31%	0.178%
11	7.045	686	690	695	rBV	513706	674761	3.25%	0.439%
12	7.175	708	712	714	rVV	120648	177090	0.85%	0.115%
13	7.210	714	718	725	rVB	392698	557293	2.68%	0.363%
14	7.428	748	755	760	rBV	266430	426748	2.05%	0.278%
15	7.587	774	782	787	rVB	177440	341000	1.64%	0.222%
16	7.781	798	815	822	rBV2	960094	2292192	11.03%	1.493%
17	7.839	822	825	830	rVB2	124568	188256	0.91%	0.123%
18	7.916	830	838	845	rVB	4451485	6725311	32.37%	4.380%
19	7.992	845	851	854	rBV	6163444	9502681	45.73%	6.189%
20	8.028	854	857	864	rVB	3512017	5002942	24.08%	3.258%
21	8.122	864	873	876	rBV2	116288	194988	0.94%	0.127%
22	8.216	883	889	902	rVB	2385212	4200354	20.21%	2.736%
23	8.404	912	921	926	rBV	851645	1746255	8.40%	1.137%
24	8.586	947	952	963	rVB2	437987	710652	3.42%	0.463%
25	8.775	979	984	996	rVB7	81997	199093	0.96%	0.130%
26	8.904	996	1006	1011	rBV2	941889	1613484	7.76%	1.051%
27	9.210	1029	1058	1065	rBV	2180907	10606607	51.04%	6.908%
28	9.281	1065	1070	1073	rBV	202374	337673	1.63%	0.220%
29	9.375	1080	1086	1094	rBV2	219832	404333	1.95%	0.263%
30	9.469	1097	1102	1106	rBV3	121373	191558	0.92%	0.125%
31	9.563	1113	1118	1125	rVB4	246784	515565	2.48%	0.336%
32	9.639	1125	1131	1139	rBV2	856576	1504105	7.24%	0.980%
33	9.733	1139	1147	1152	rVB2	328948	720491	3.47%	0.469%
34	9.810	1152	1160	1169	rVB	12199686	20779068	100.00%	13.533%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.922	1169	1179	1189	rBV2	4375518	9853096	47.42%	6.417%
36	9.998	1189	1192	1200	rVB6	110015	243386	1.17%	0.159%
37	10.086	1200	1207	1210	rBV	741549	1370255	6.59%	0.892%
38	10.204	1219	1227	1231	rBV4	326249	594503	2.86%	0.387%
39	10.275	1231	1239	1244	rVV5	295009	768935	3.70%	0.501%
40	10.322	1244	1247	1259	rVB5	103588	267679	1.29%	0.174%
41	10.451	1259	1269	1276	rBV2	790627	1849553	8.90%	1.205%
42	10.516	1276	1280	1284	rVV3	129650	220918	1.06%	0.144%
43	10.575	1284	1290	1295	rVV	1232947	2280954	10.98%	1.486%
44	10.633	1295	1300	1306	rVV3	1418015	2490441	11.99%	1.622%
45	10.698	1306	1311	1316	rVV2	517359	898510	4.32%	0.585%
46	10.745	1316	1319	1323	rVV2	177662	291119	1.40%	0.190%
47	10.786	1323	1326	1328	rVV	161546	218825	1.05%	0.143%
48	10.828	1328	1333	1336	rVV	513326	955967	4.60%	0.623%
49	10.880	1336	1342	1347	rVV	1049841	2075551	9.99%	1.352%
50	10.939	1347	1352	1361	rVB	723253	1260157	6.06%	0.821%
51	11.086	1362	1377	1383	rBV2	460864	1086810	5.23%	0.708%
52	11.504	1437	1448	1451	rBV2	1472550	3264453	15.71%	2.126%
53	11.733	1477	1487	1490	rVV	707373	1509805	7.27%	0.983%
54	11.775	1490	1494	1499	rVV	777723	1174145	5.65%	0.765%
55	11.827	1499	1503	1509	rVB	259288	420416	2.02%	0.274%
56	11.922	1515	1519	1525	rVB3	105400	188968	0.91%	0.123%
57	11.992	1525	1531	1534	rBV2	178809	294418	1.42%	0.192%
58	12.027	1534	1537	1543	rVV2	253242	358171	1.72%	0.233%
59	12.110	1546	1551	1558	rVB3	266241	503280	2.42%	0.328%
60	12.175	1558	1562	1568	rBV2	117782	189808	0.91%	0.124%
61	12.280	1576	1580	1584	rVV4	106930	168667	0.81%	0.110%
62	12.351	1584	1592	1598	rVV3	503432	965171	4.64%	0.629%
63	12.463	1606	1611	1615	rVV2	111389	179664	0.86%	0.117%
64	12.516	1615	1620	1625	rVV2	138538	304097	1.46%	0.198%
65	12.592	1626	1633	1638	rVB5	95059	211720	1.02%	0.138%
66	12.710	1648	1653	1659	rVB3	413284	679243	3.27%	0.442%
67	12.833	1670	1674	1685	rVB	301478	460834	2.22%	0.300%
68	12.933	1685	1691	1696	rBV2	163183	337849	1.63%	0.220%
69	13.080	1711	1716	1721	rBV	359493	517806	2.49%	0.337%
70	13.133	1721	1725	1728	rBV	313783	491553	2.37%	0.320%
71	13.169	1728	1731	1738	rVB	489655	666230	3.21%	0.434%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	13.369	1757	1765	1770	rBV3	628897	1260859	6.07%	0.821%
73	13.445	1774	1778	1780	rBV	188084	270306	1.30%	0.176%
74	13.686	1814	1819	1825	rBV	562918	795491	3.83%	0.518%
75	13.780	1829	1835	1841	rBV3	292836	461537	2.22%	0.301%
76	13.839	1841	1845	1852	rVB	207393	297087	1.43%	0.193%
77	14.116	1885	1892	1895	rVV2	231934	551455	2.65%	0.359%
78	14.145	1895	1897	1908	rVV5	182822	358672	1.73%	0.234%
79	14.427	1937	1945	1950	rBV2	2050200	3361384	16.18%	2.189%
80	14.474	1950	1953	1959	rVB3	165302	251472	1.21%	0.164%
81	14.621	1970	1978	1985	rBV6	264442	610339	2.94%	0.398%
82	14.733	1986	1997	2005	rBV2	1045674	2358655	11.35%	1.536%
83	14.810	2007	2010	2015	rVV	332186	489611	2.36%	0.319%
84	14.892	2018	2024	2030	rVB	564965	931864	4.48%	0.607%
85	15.051	2046	2051	2056	rBV2	321769	503191	2.42%	0.328%
86	15.210	2070	2078	2082	rBV3	151655	268557	1.29%	0.175%
87	15.286	2087	2091	2099	rVV4	94907	189834	0.91%	0.124%
88	15.415	2108	2113	2119	rVB	270296	419015	2.02%	0.273%
89	15.557	2129	2137	2142	rBV	1347490	2029637	9.77%	1.322%
90	16.198	2238	2246	2249	rBV	214792	334108	1.61%	0.218%
91	16.245	2249	2254	2260	rVB	2647243	3373761	16.24%	2.197%
92	16.468	2287	2292	2296	rBV	233235	339698	1.63%	0.221%
93	16.821	2346	2352	2364	rVV	4860622	6851731	32.97%	4.463%
94	17.174	2406	2412	2417	rBV2	2381095	3478396	16.74%	2.265%
95	17.268	2423	2428	2435	rVB2	282223	466727	2.25%	0.304%
96	17.527	2467	2472	2475	rBV	220797	333866	1.61%	0.217%
97	19.109	2736	2741	2747	rBV3	114017	177320	0.85%	0.115%
98	19.562	2813	2818	2825	rBV2	303105	457158	2.20%	0.298%
99	21.350	3117	3122	3132	rBV	2518005	3259322	15.69%	2.123%
100	23.621	3502	3508	3517	rVB2	1594155	3114250	14.99%	2.028%

Sum of corrected areas: 153539749

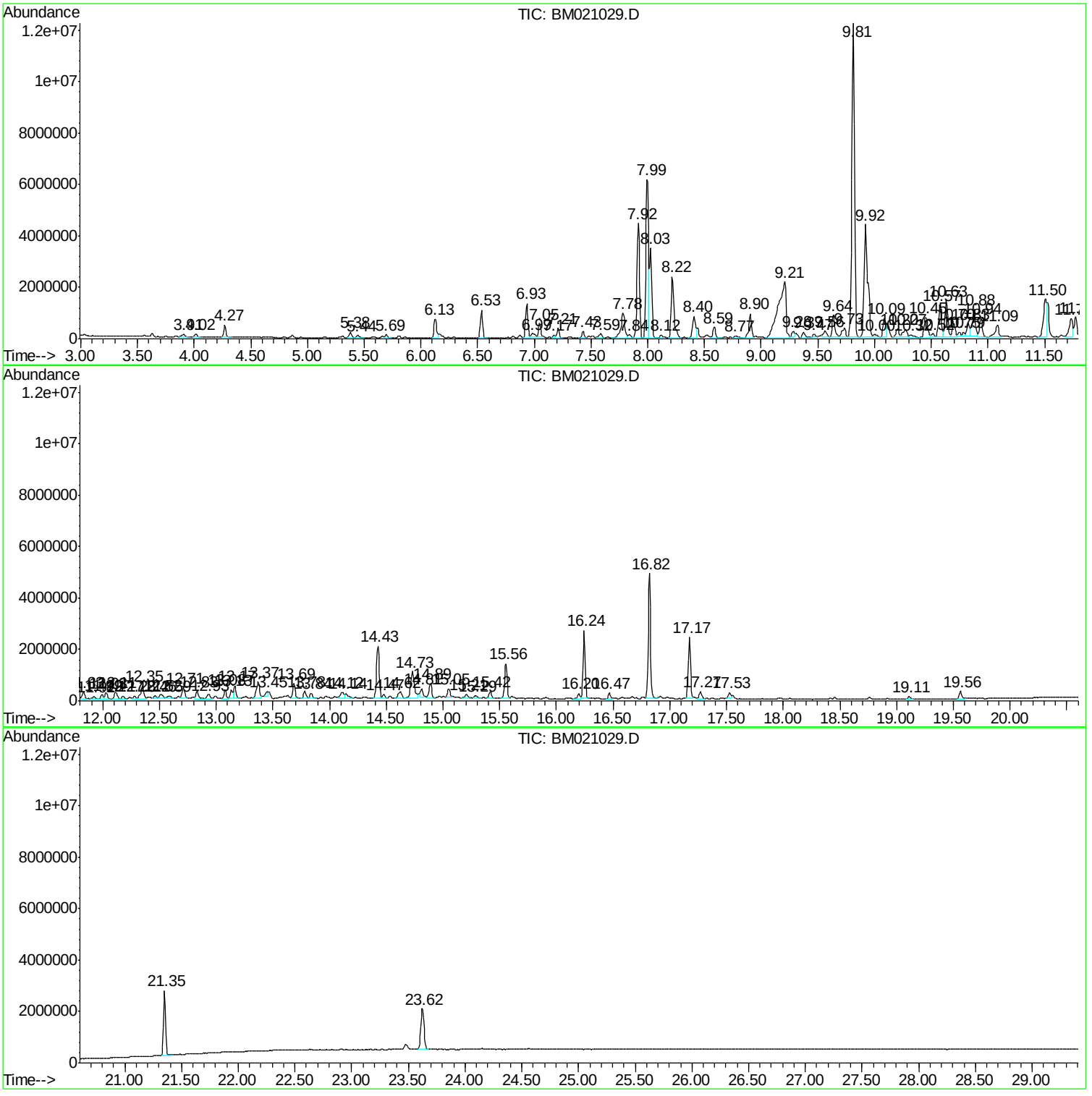
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

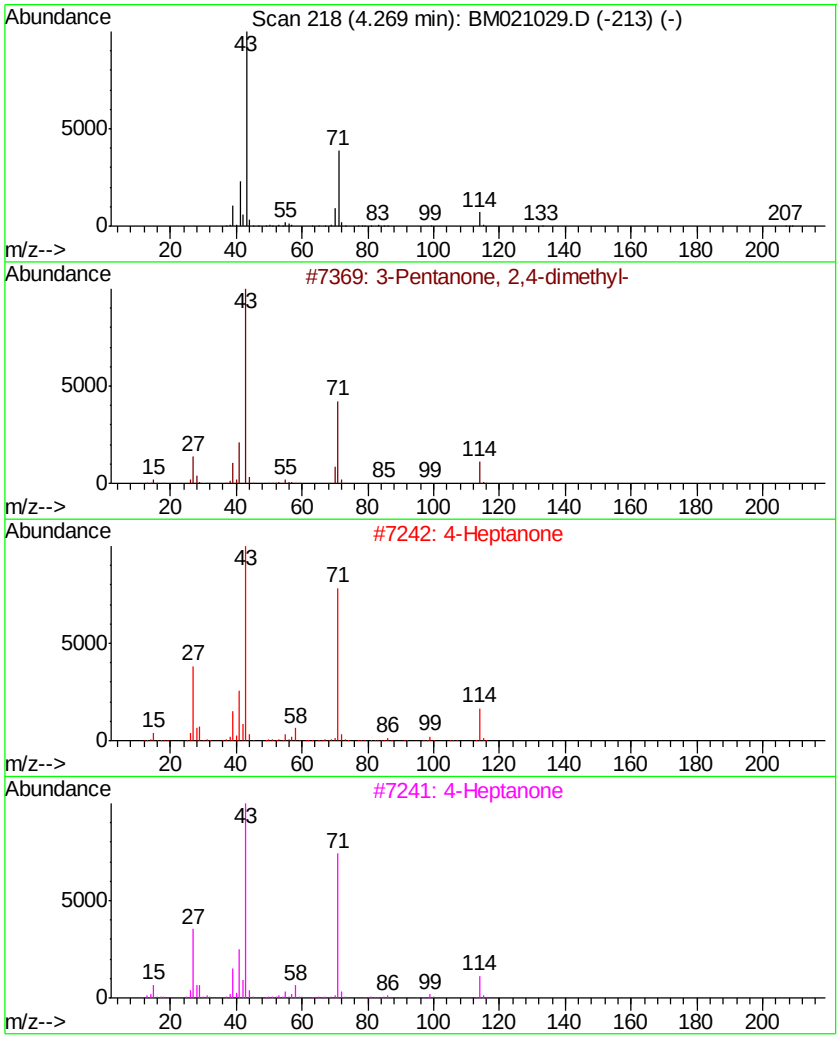
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

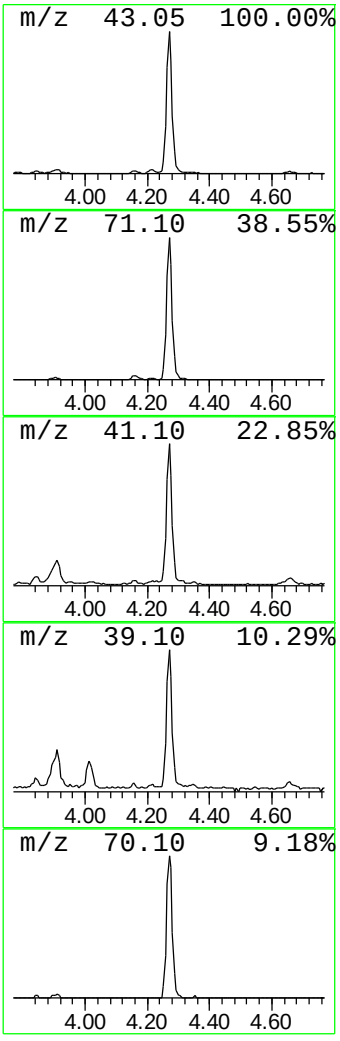
****

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	5.59 ng/ul	640095	1,4-Dichlorobenzene-d4	7.79

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

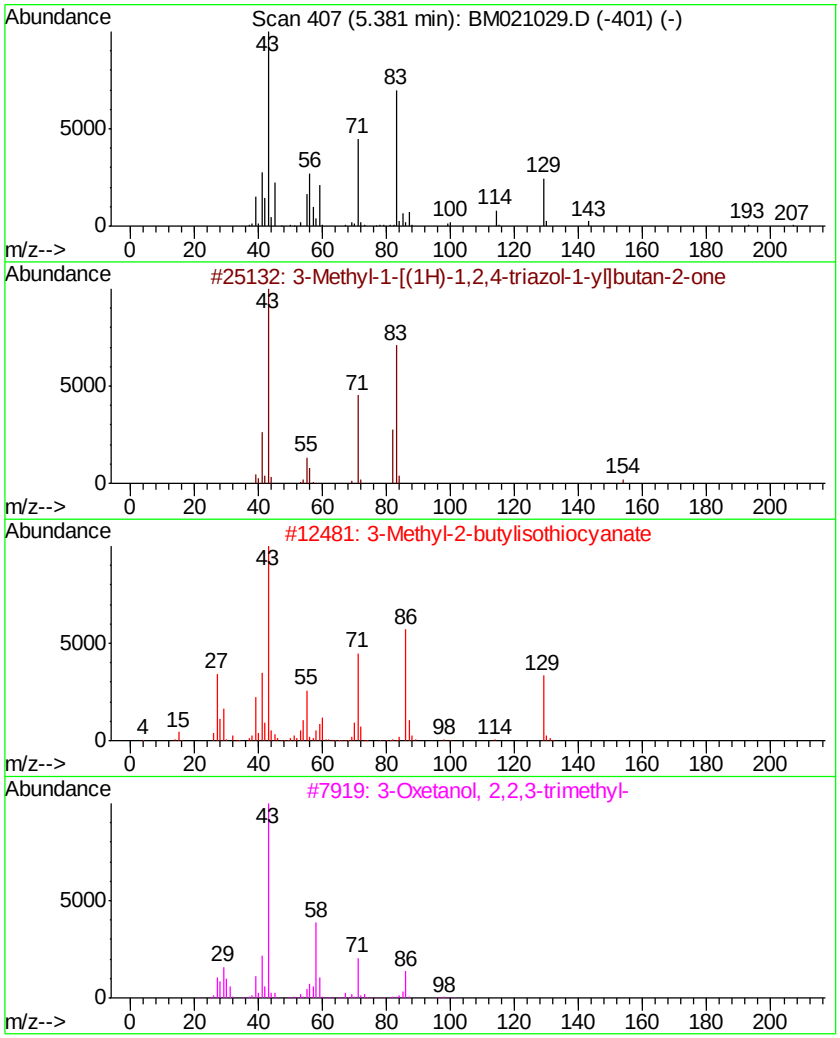
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

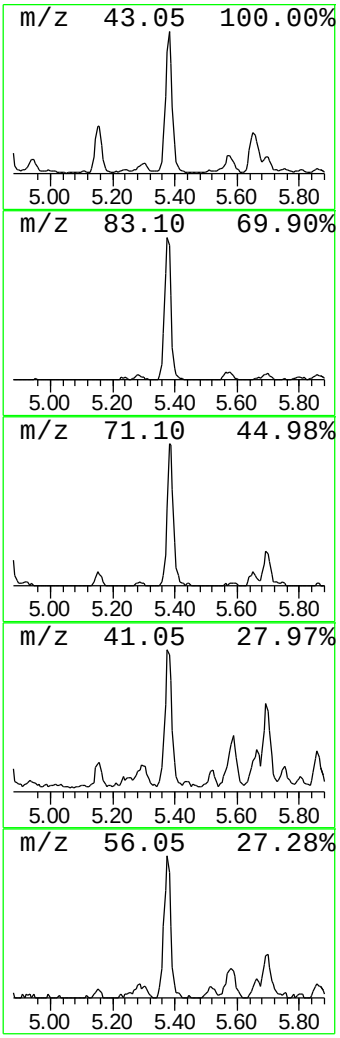
****

Peak Number 2 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	3.01 ng/ul	345088	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	35
2	3-Methyl-2-butylisothiocyanate	129	C6H11NS	201224-92-2	22
3	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	17
4	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	14
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

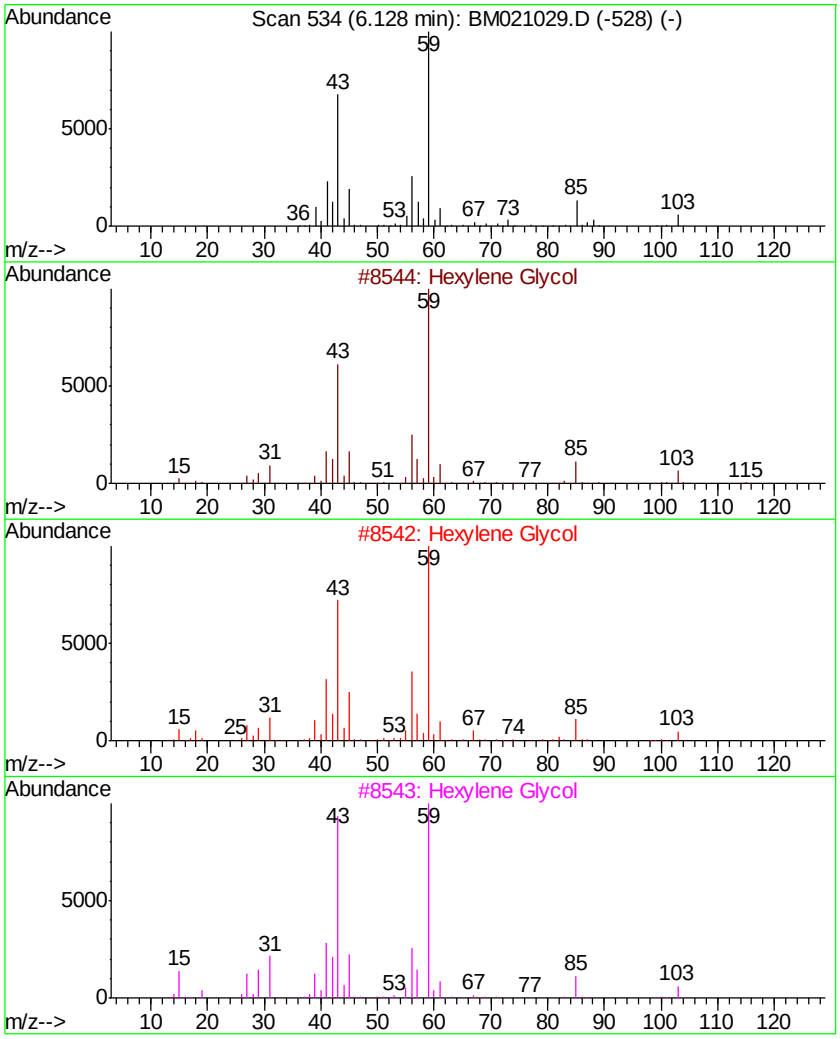
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

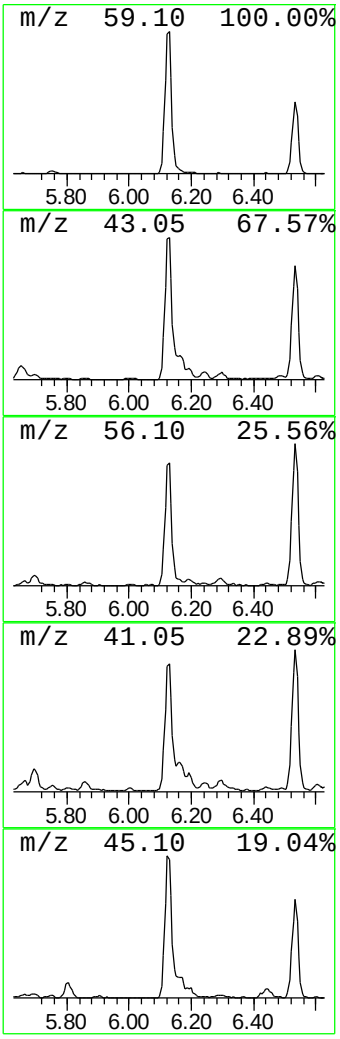
****

Peak Number 3 Hexylene Glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	10.92 ng/ul	1251560	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene Glycol	118	C6H14O2	000107-41-5	90
2	Hexylene Glycol	118	C6H14O2	000107-41-5	90
3	Hexylene Glycol	118	C6H14O2	000107-41-5	83
4	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	64
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

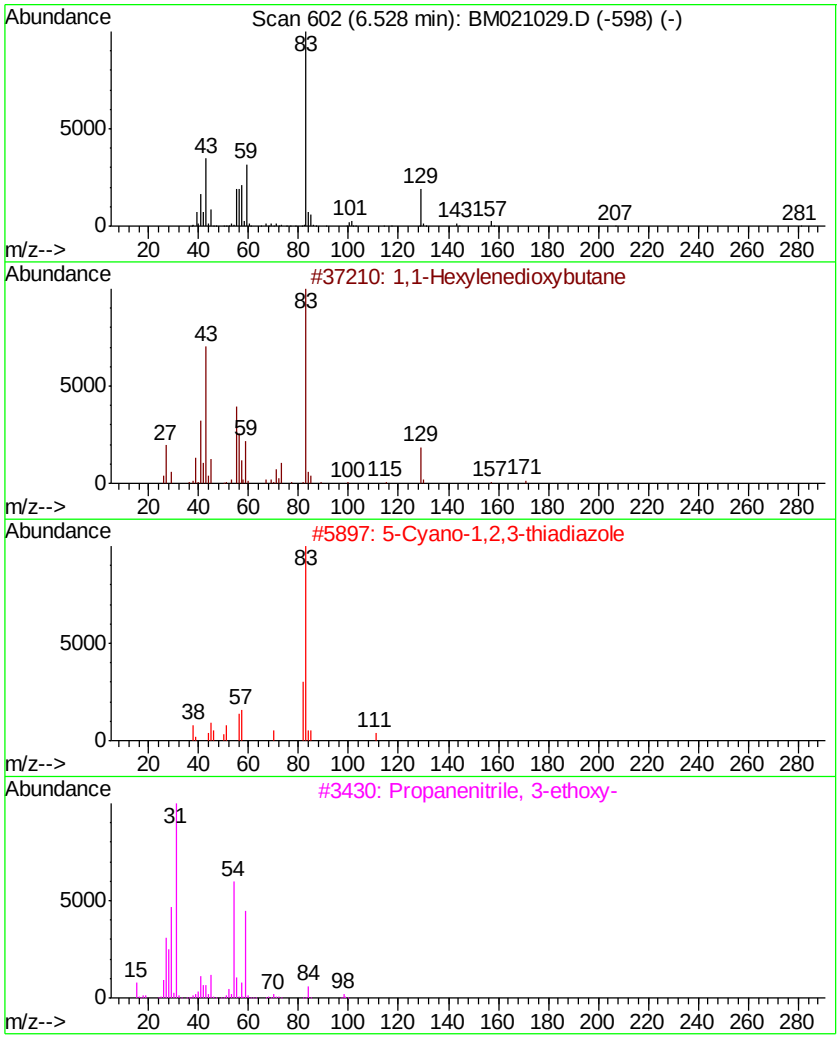
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

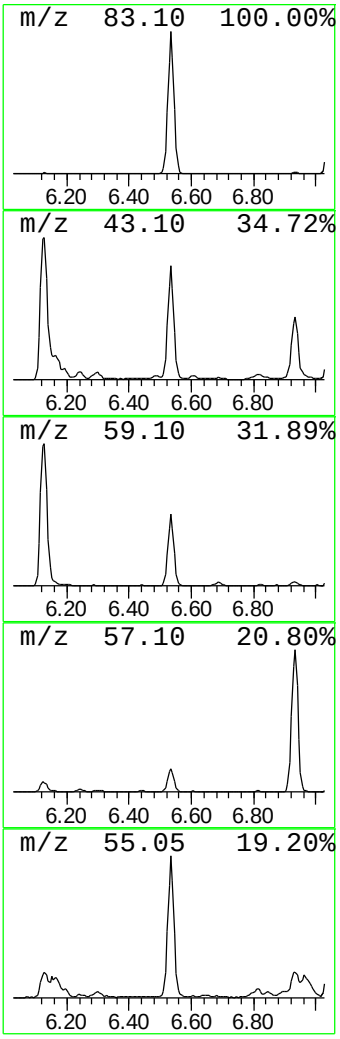
****

Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	13.46 ng/ul	1543140	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	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

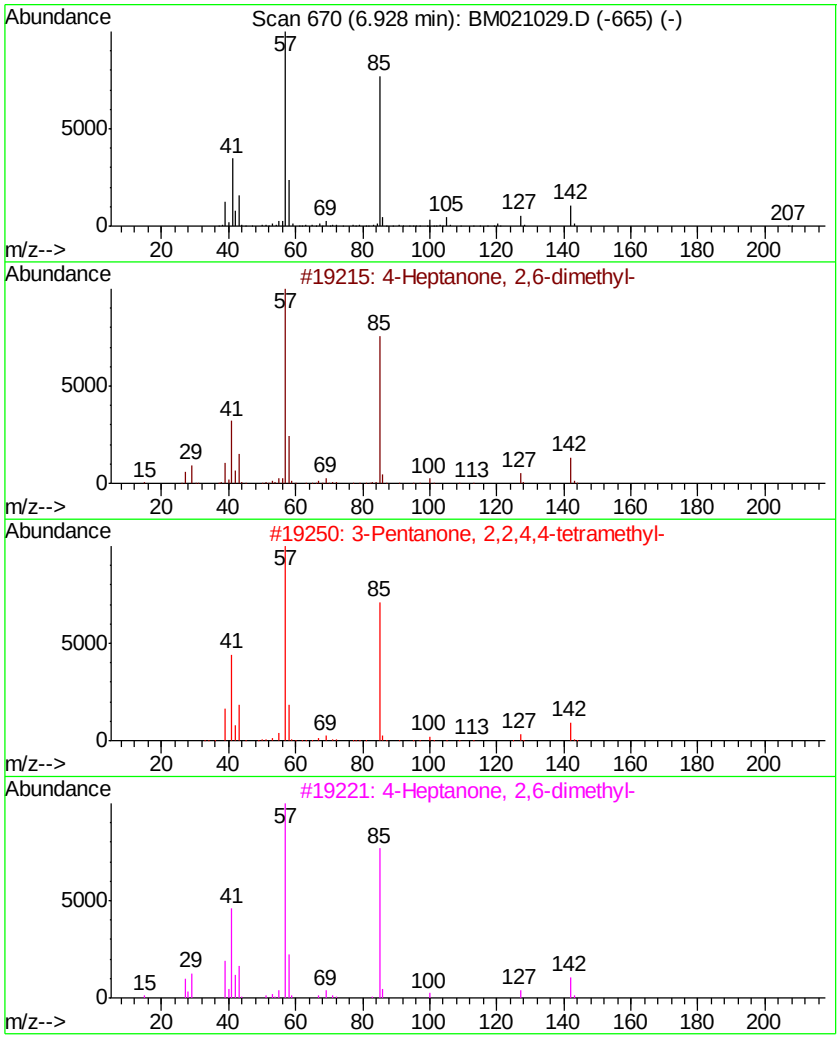
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

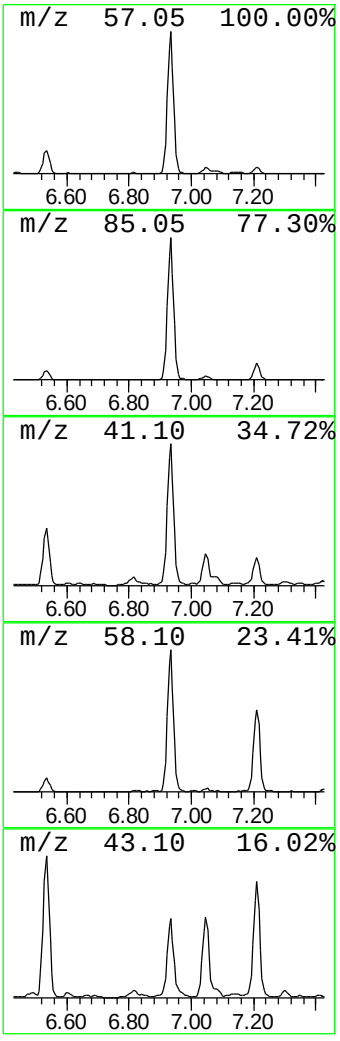
****

Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	16.56 ng/ul	1897960	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
5	5-Nonanone	142	C9H18O	000502-56-7	59





Library Search Compound Report

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Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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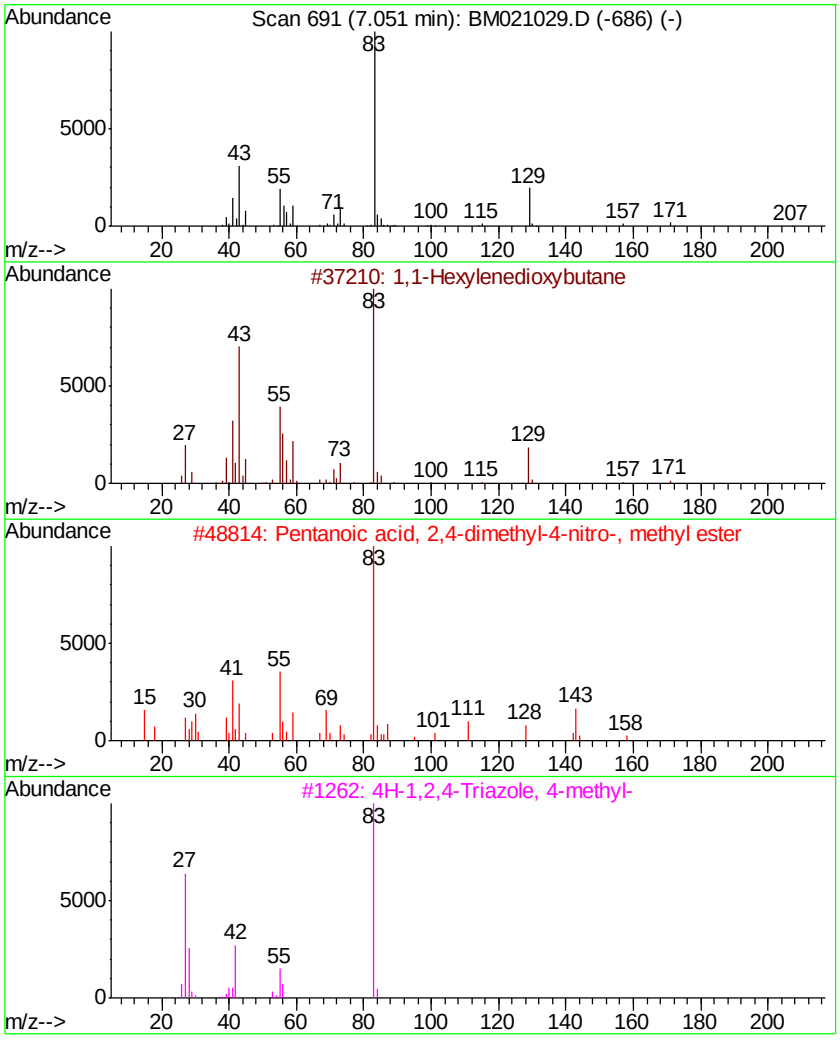
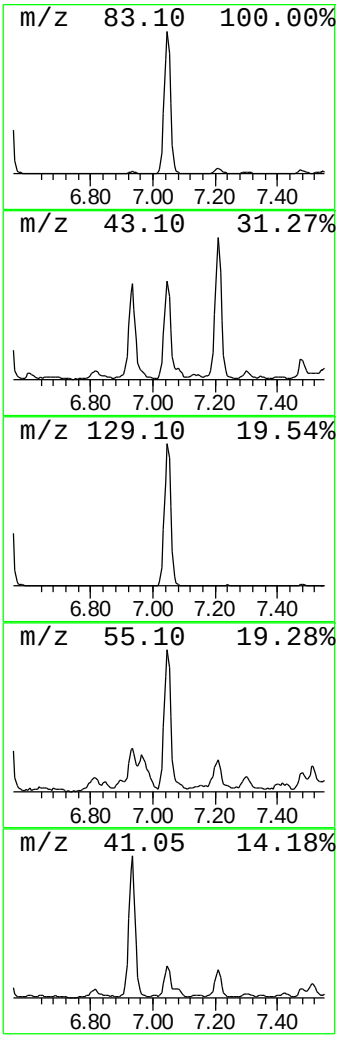
Peak Number 6 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	5.89 ng/ul	674761	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	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
4	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9
5	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	9





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Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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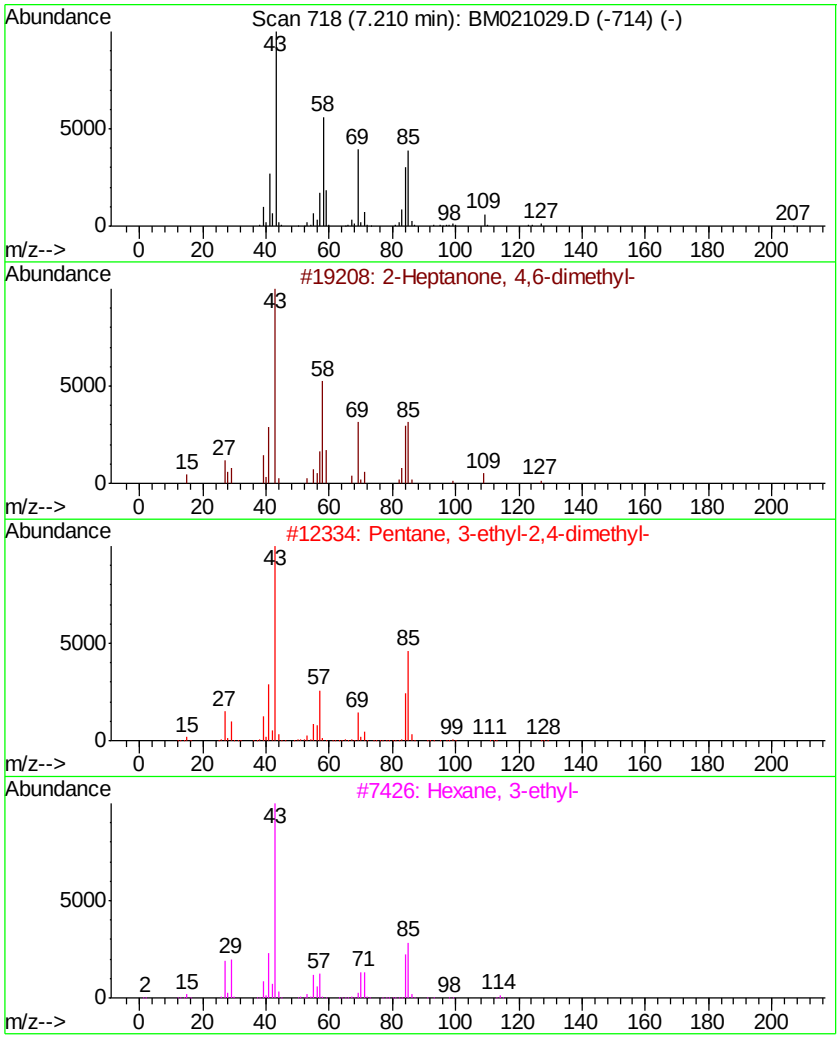
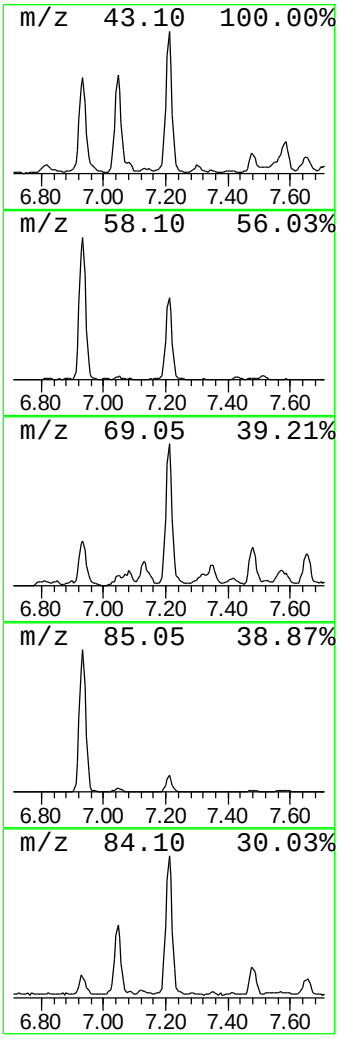
Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.86 ng/ul	557293	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38





Library Search Compound Report

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Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

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

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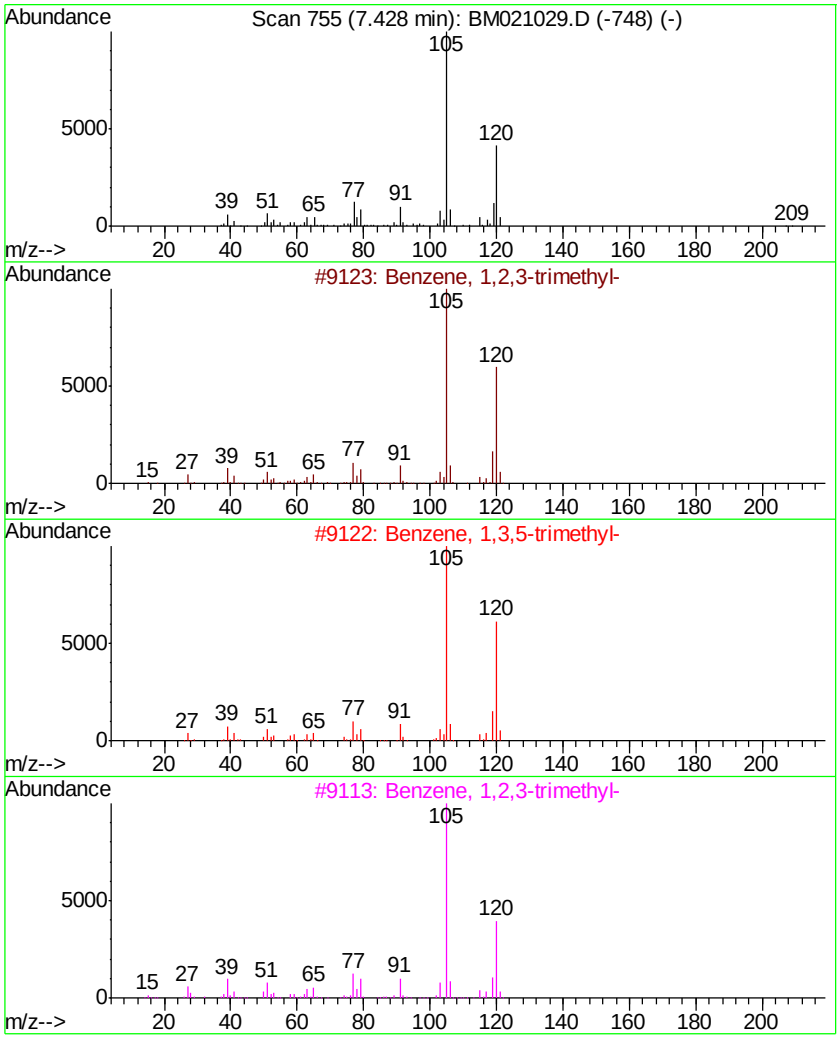
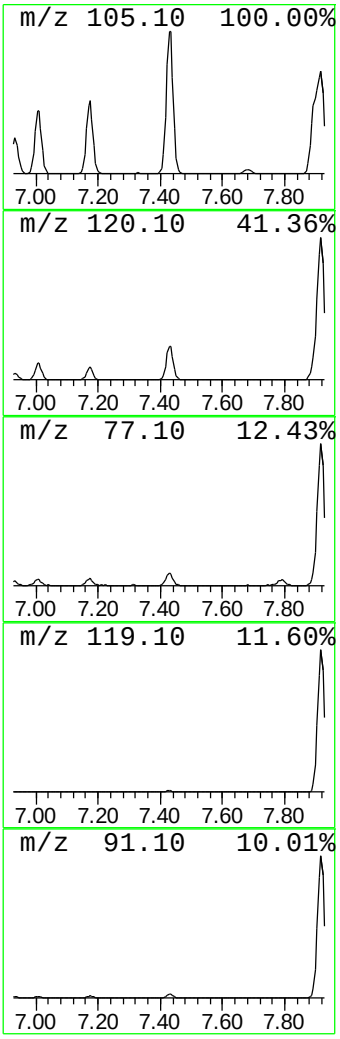
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.72 ng/ul	426748	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Library Search Compound Report

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Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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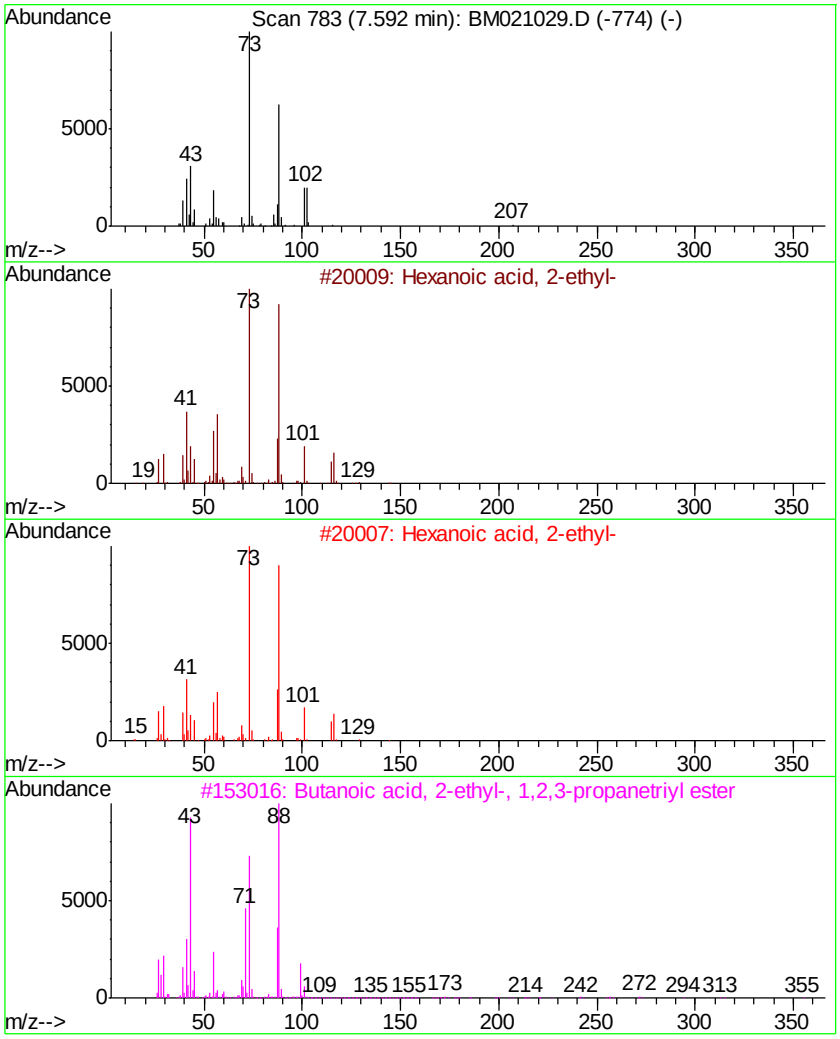
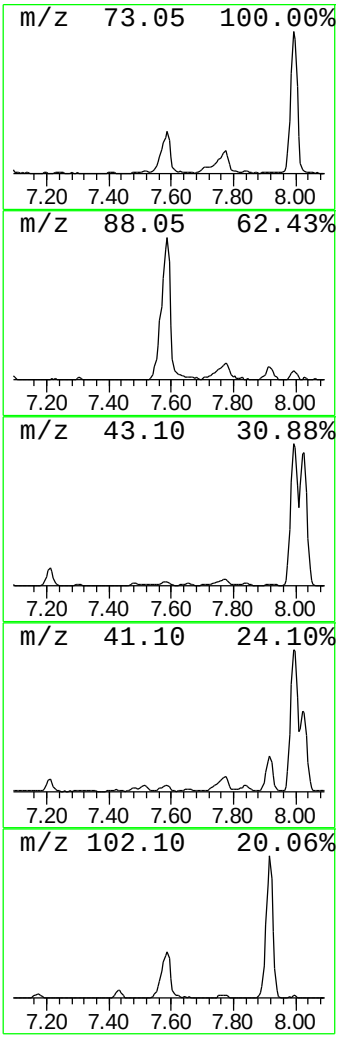
Peak Number 9 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.98 ng/ul	341000	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	37
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





Library Search Compound Report

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Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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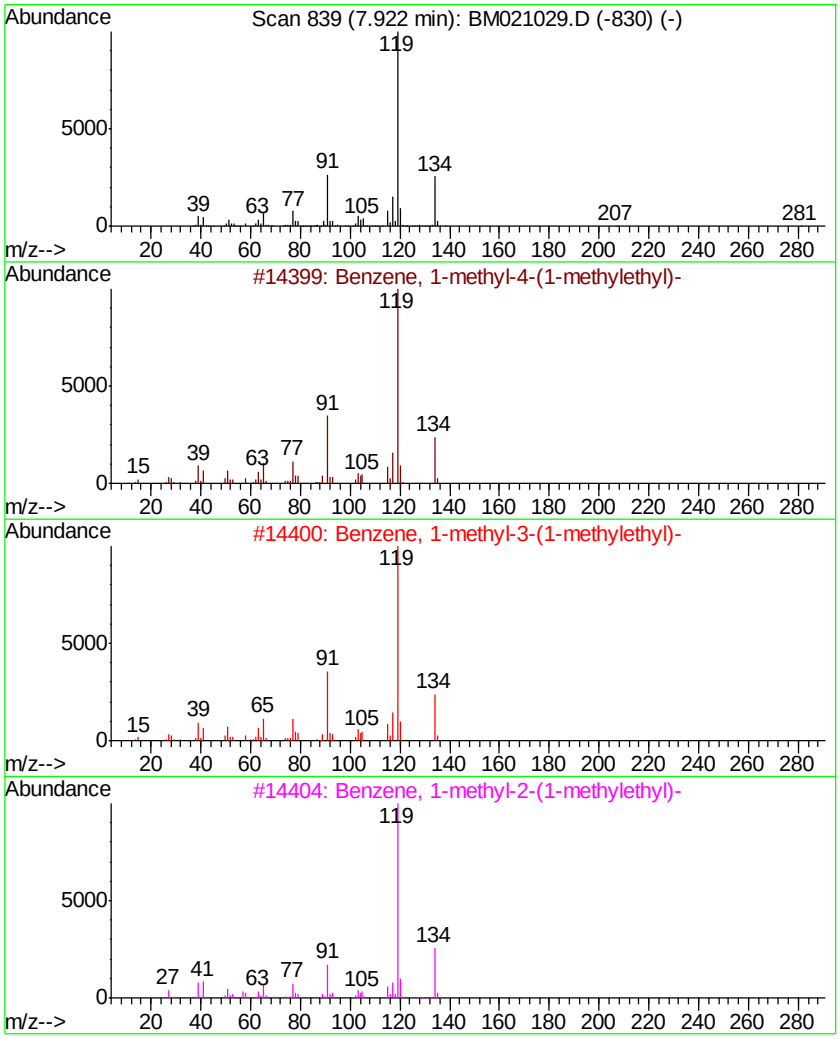
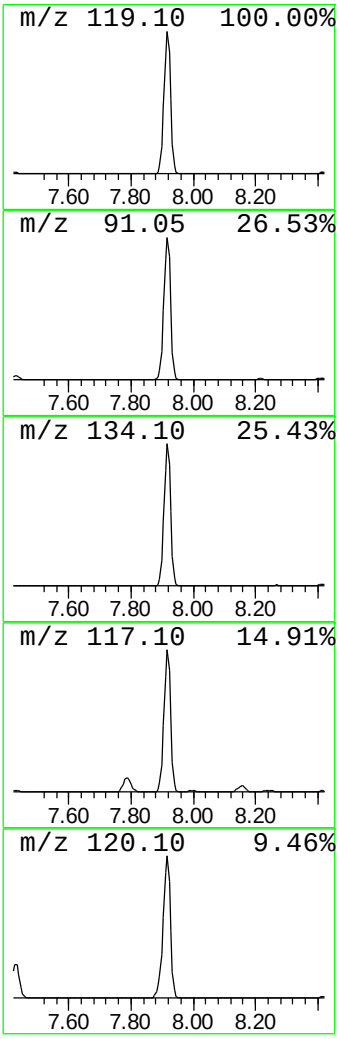
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	58.68 ng/ul	6725310	1,4-Dichlorobenzene-d4	7.79

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





Library Search Compound Report

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Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

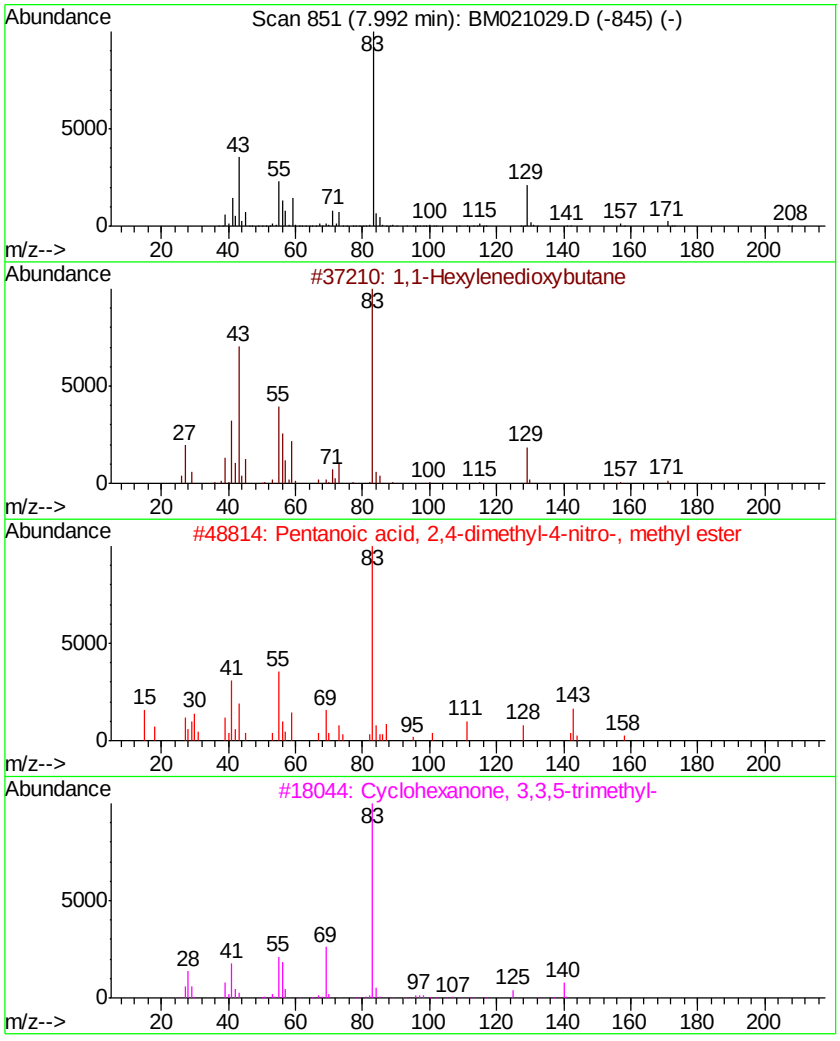
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

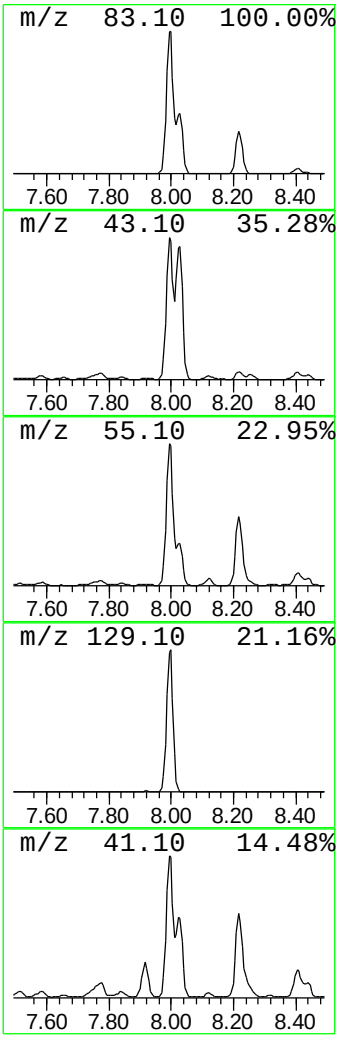
****

Peak Number 11 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	82.91 ng/ul	9502680	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	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	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	9





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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

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

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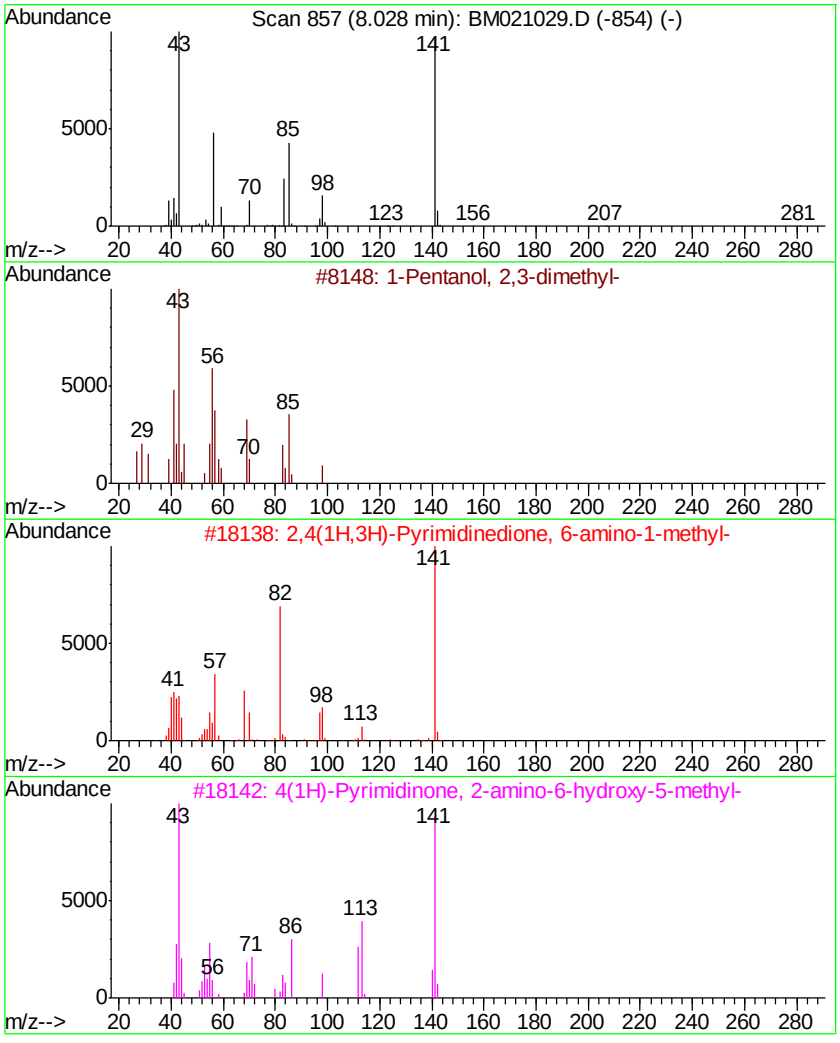
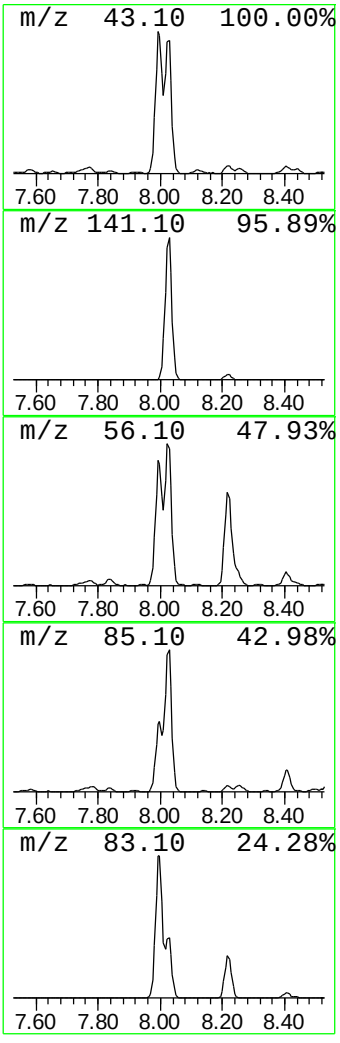
Peak Number 12 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	43.65 ng/ul	5002940	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	47
2	2,4(1H,3H)-Pyrimidinedione, 6-am...	141	C5H7N3O2	002434-53-9	16
3	4(1H)-Pyrimidinone, 2-amino-6-hy...	141	C5H7N3O2	006627-65-2	16
4	2,4-Pentanedione, 3-acetyl-	142	C7H10O3	000815-68-9	9
5	5-Fluoronicotinic acid	141	C6H4FNO2	000402-66-4	9





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Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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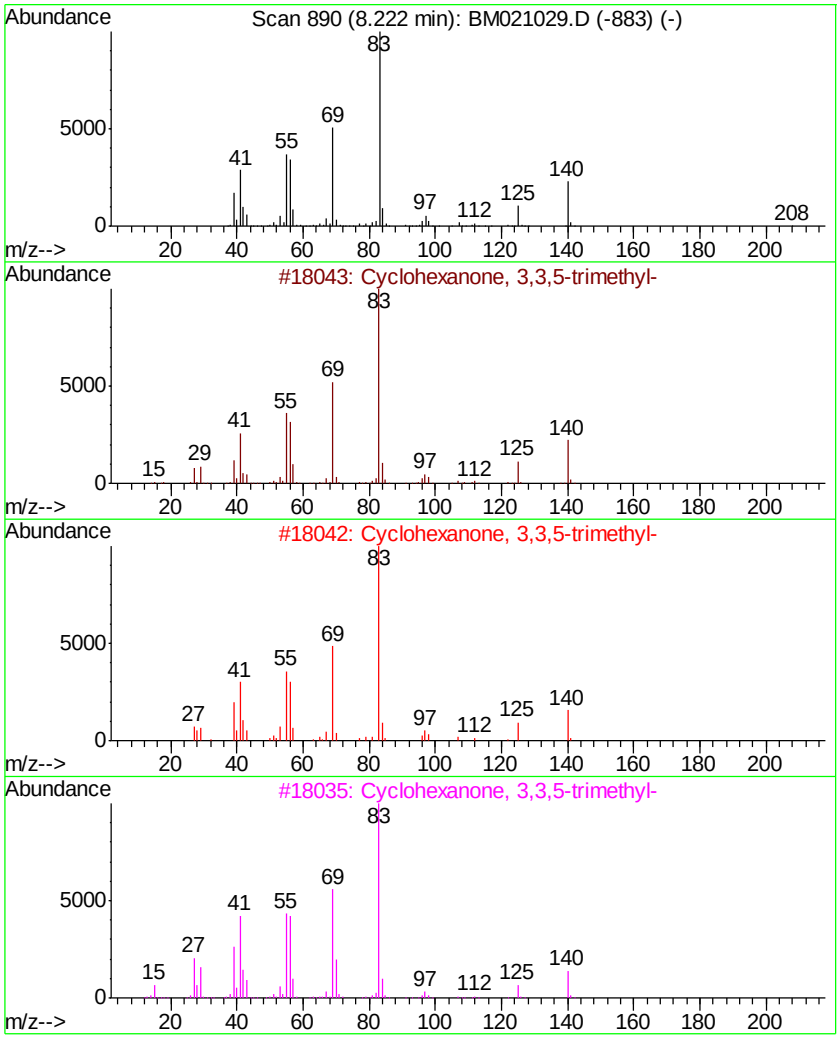
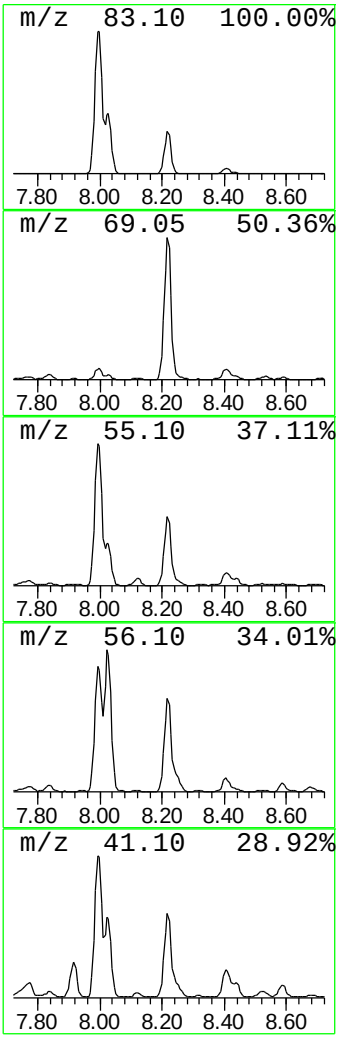
Peak Number 13 Cyclohexanone, 3,3,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	36.65 ng/ul	4200350	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	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	50





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Sample : K3215-13DL2 20X
Misc :
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ClientSampleId : DB8J8DL2

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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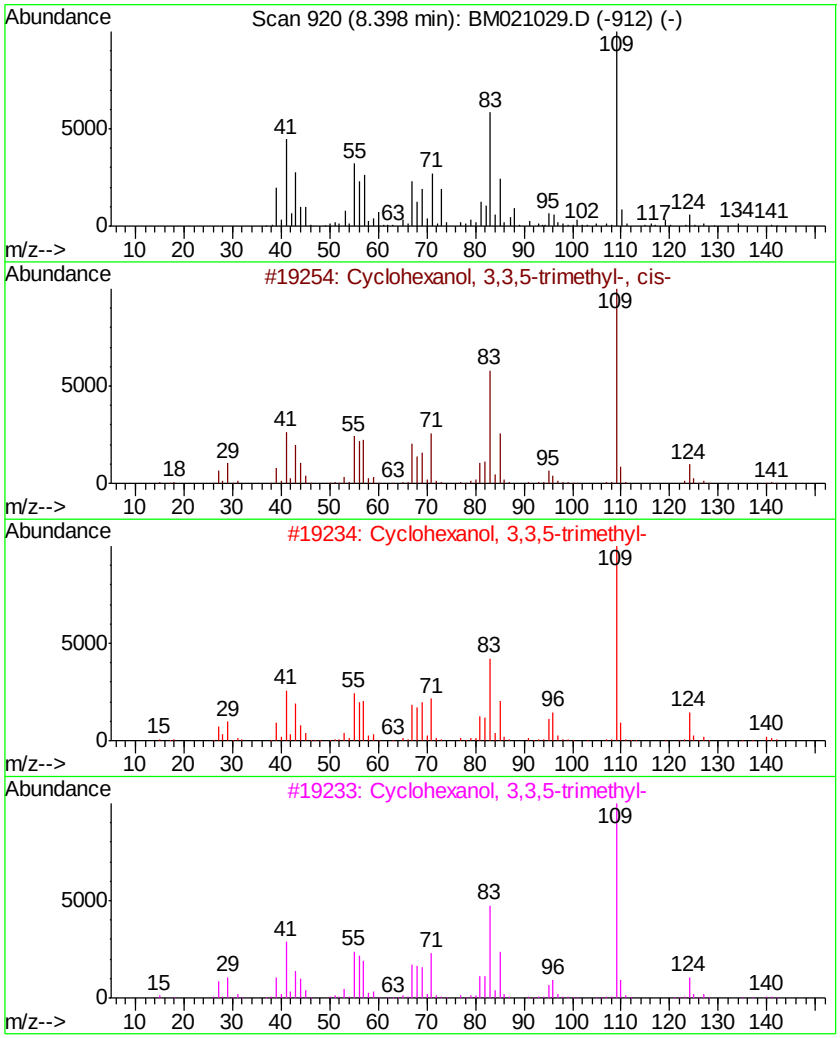
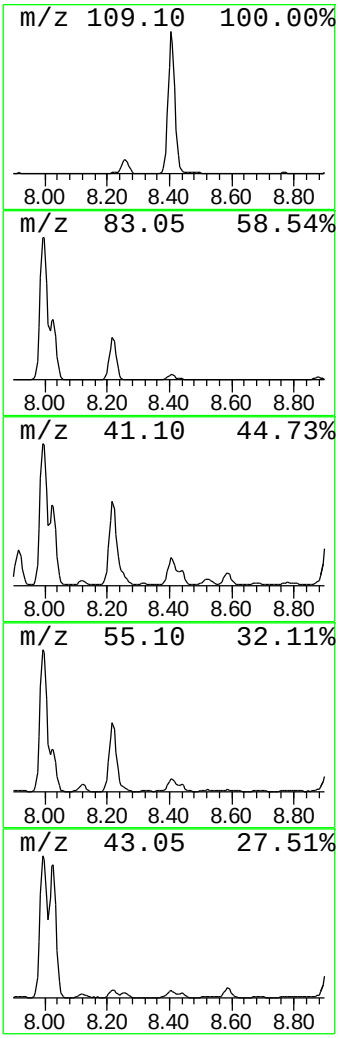
Peak Number 14 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	15.24 ng/ul	1746260	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	74
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	50
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	45
4	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	40
5	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	38





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Sample : K3215-13DL2 20X
Misc :
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Quant Title : SVOA CALIBRATION

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

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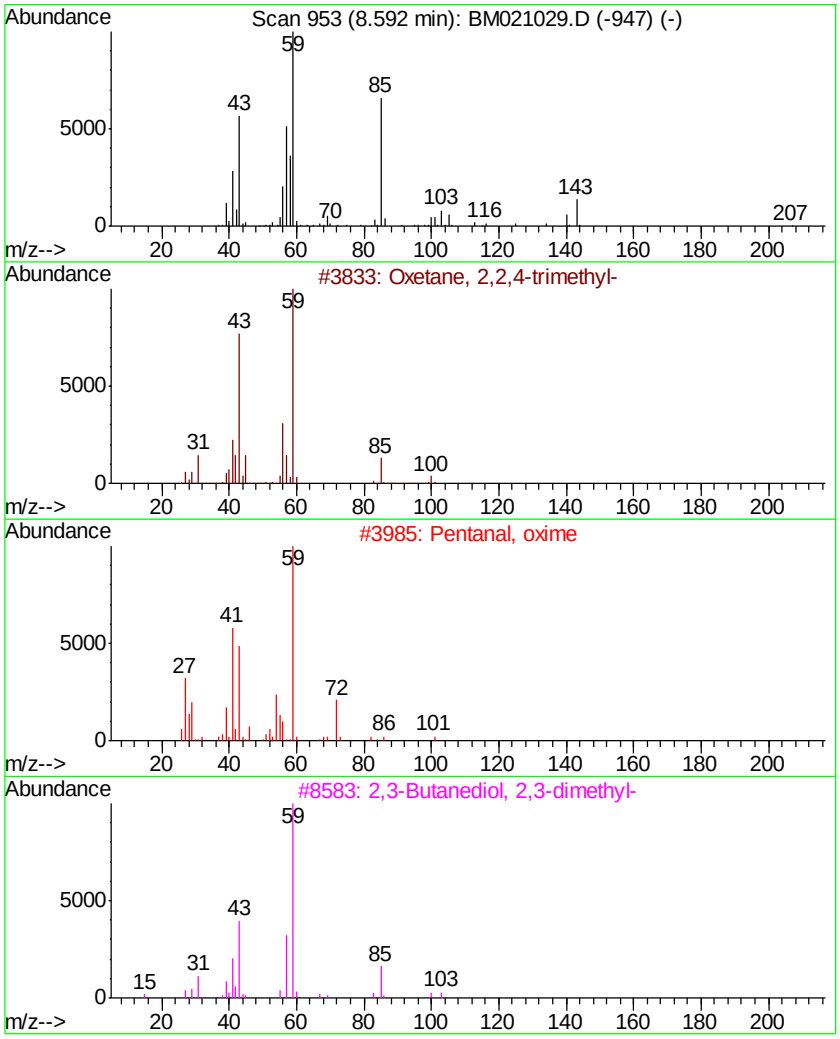
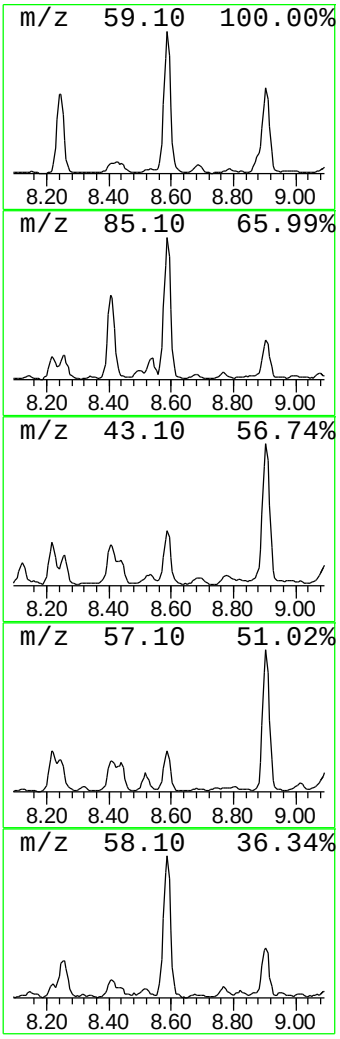
Peak Number 15 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.20 ng/ul	710652	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	37
2	Pentanal, oxime	101	C5H11NO	000628-79-5	35
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	28
4	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	17
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	12





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Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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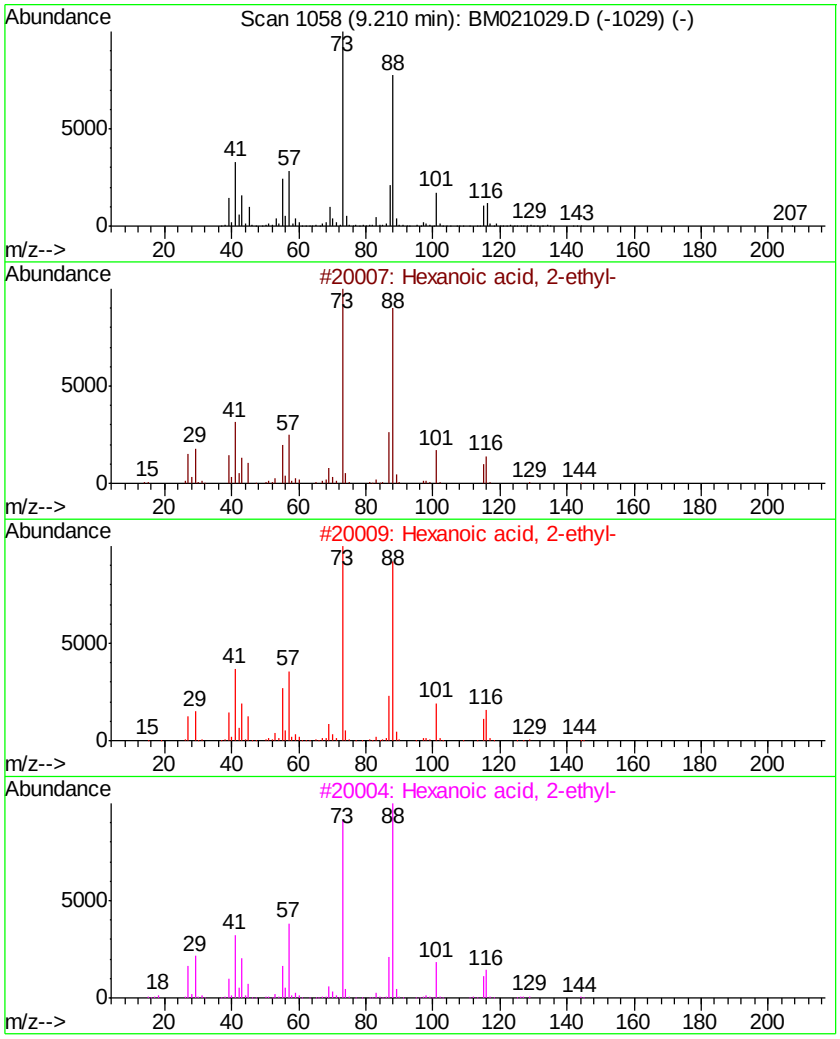
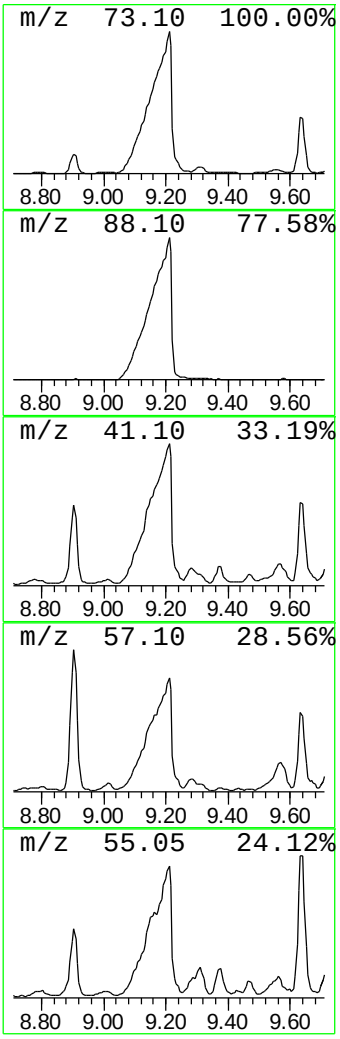
Peak Number 16 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	93.00 ng/ul	10606600	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53





Library Search Compound Report

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Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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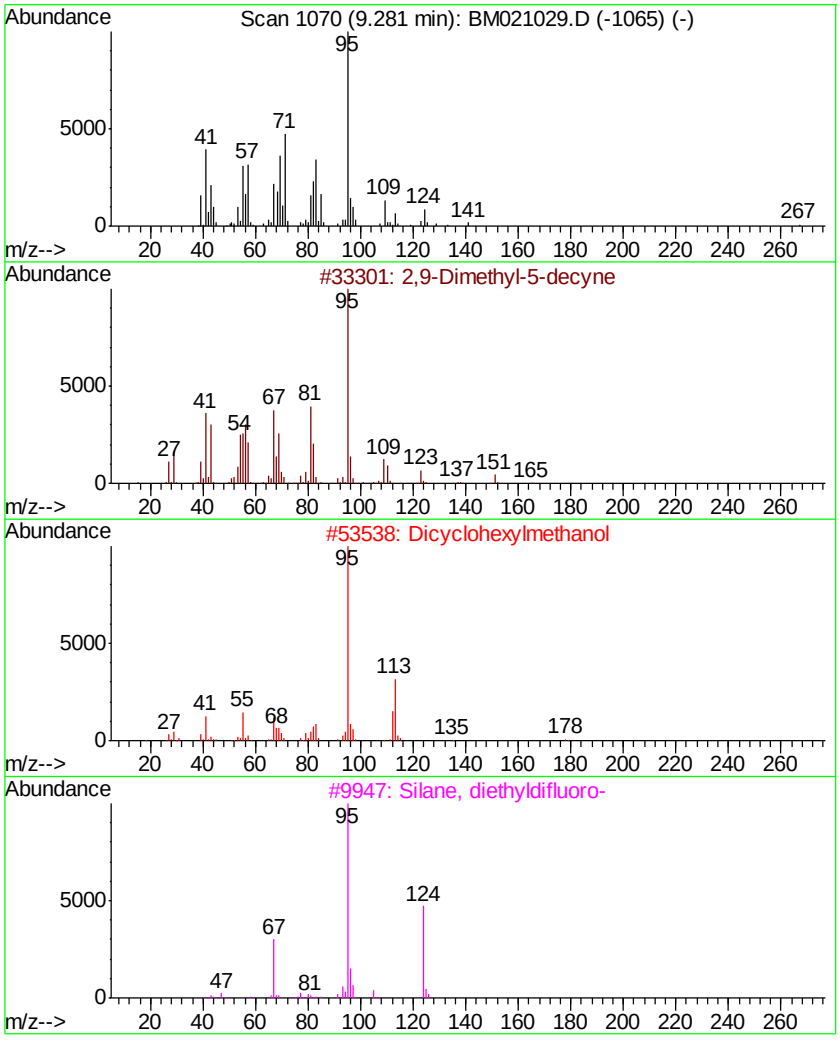
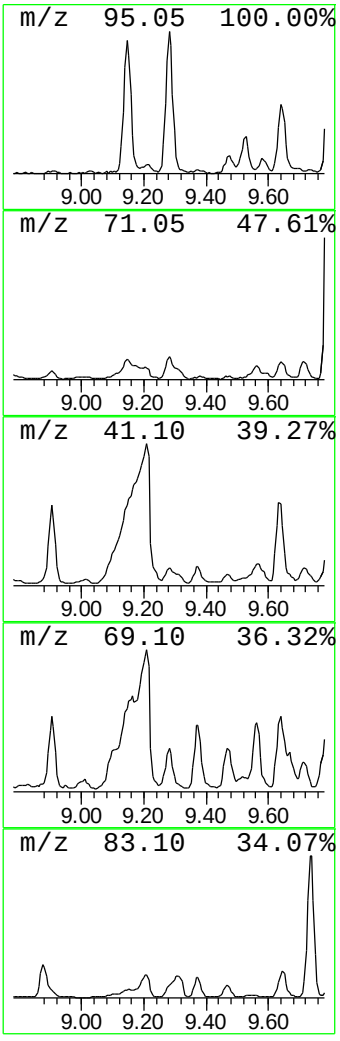
Peak Number 17 unknown-07 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.96 ng/ul	337673	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Dimethyl-5-decyne	166	C12H22	019550-56-2	47
2	Dicyclohexylmethanol	196	C13H24O	004453-82-1	47
3	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	43
4	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	43
5	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013674-19-6	37





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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Quant Title : SVOA CALIBRATION

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

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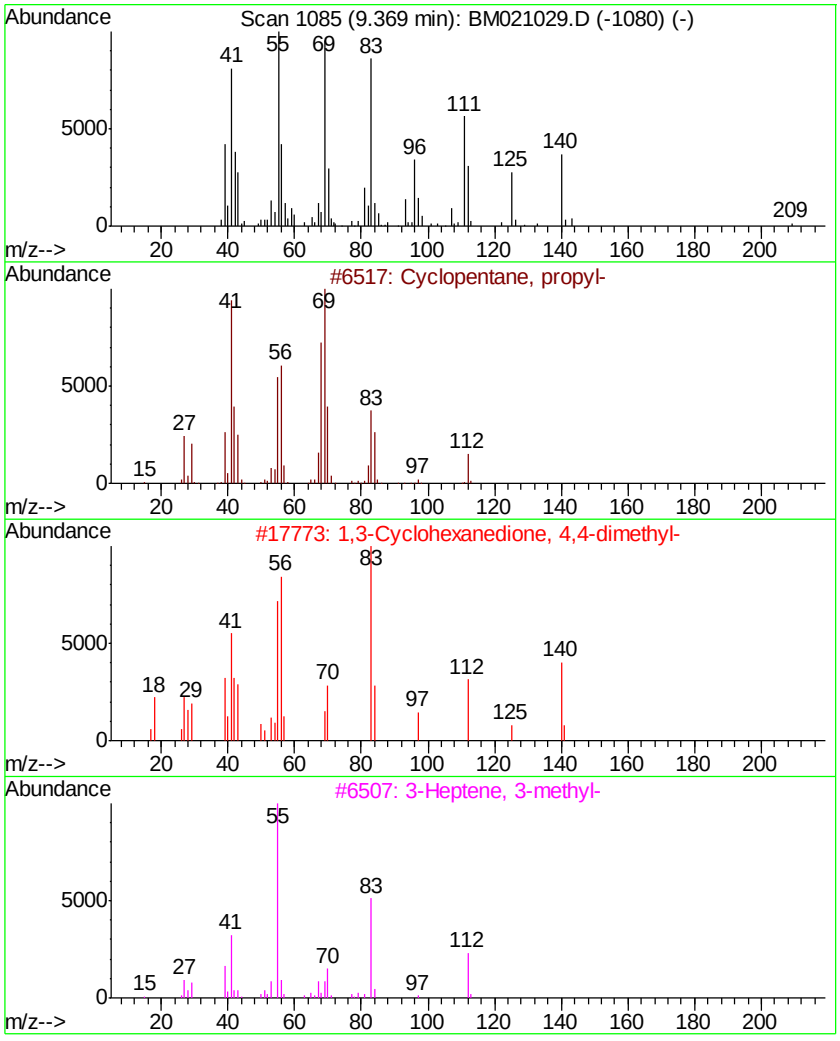
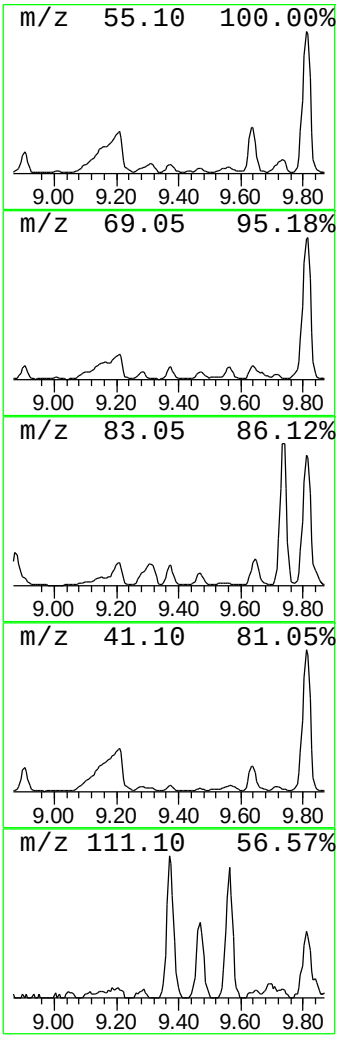
Peak Number 18 (DEL) Alkane: Cyclic9.37 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.55 ng/ul	404333	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	41
2	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	38
3	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	38
4	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	38
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	38





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Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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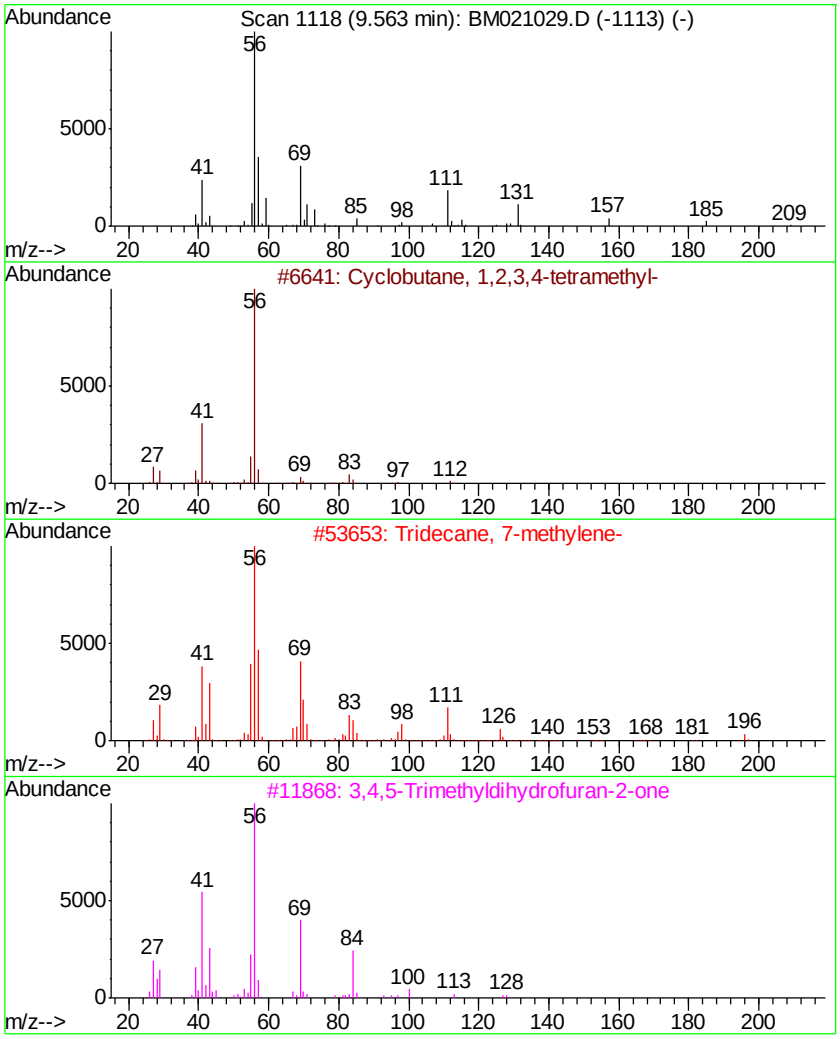
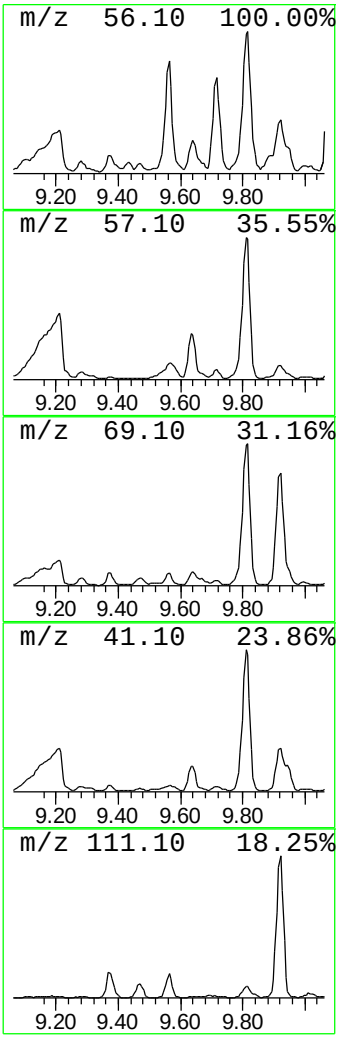
Peak Number 19 (DEL) Alkane: Cyclic9.56 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.52 ng/ul	515565	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	37
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	33
3	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	9
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	9
5	m-Dioxane, 4,5,5-trimethyl-	130	C7H14O2	006301-68-4	9





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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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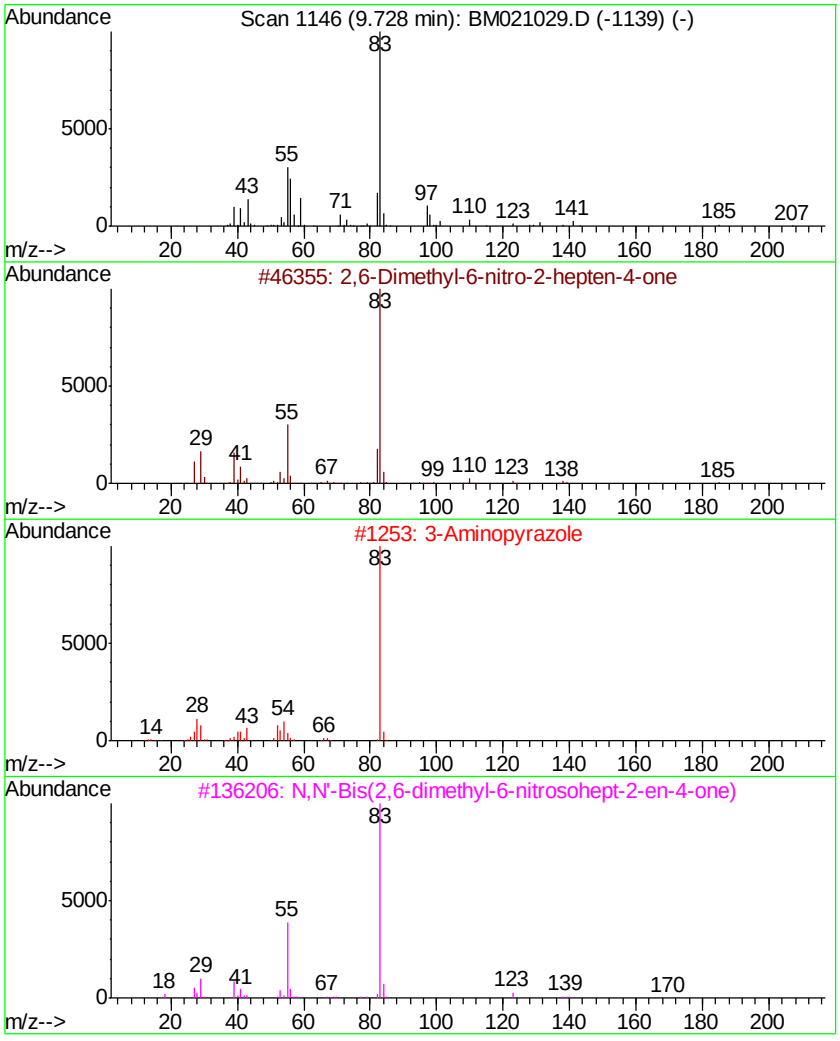
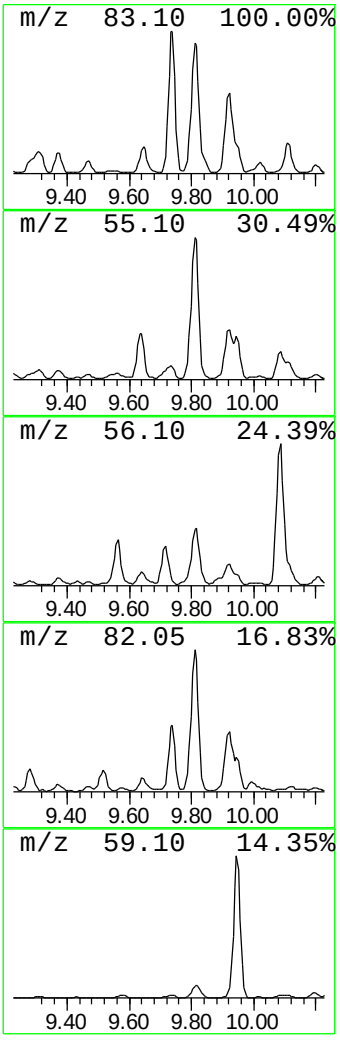
Peak Number 20 2,6-Dimethyl-6-nitro-2-hept... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	6.32 ng/ul	720491	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	64
2	3-Aminopyrazole	83	C3H5N3	001820-80-0	53
3	N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	36
4	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	36
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	36





Library Search Compound Report

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Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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Quant Title : SVOA CALIBRATION

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

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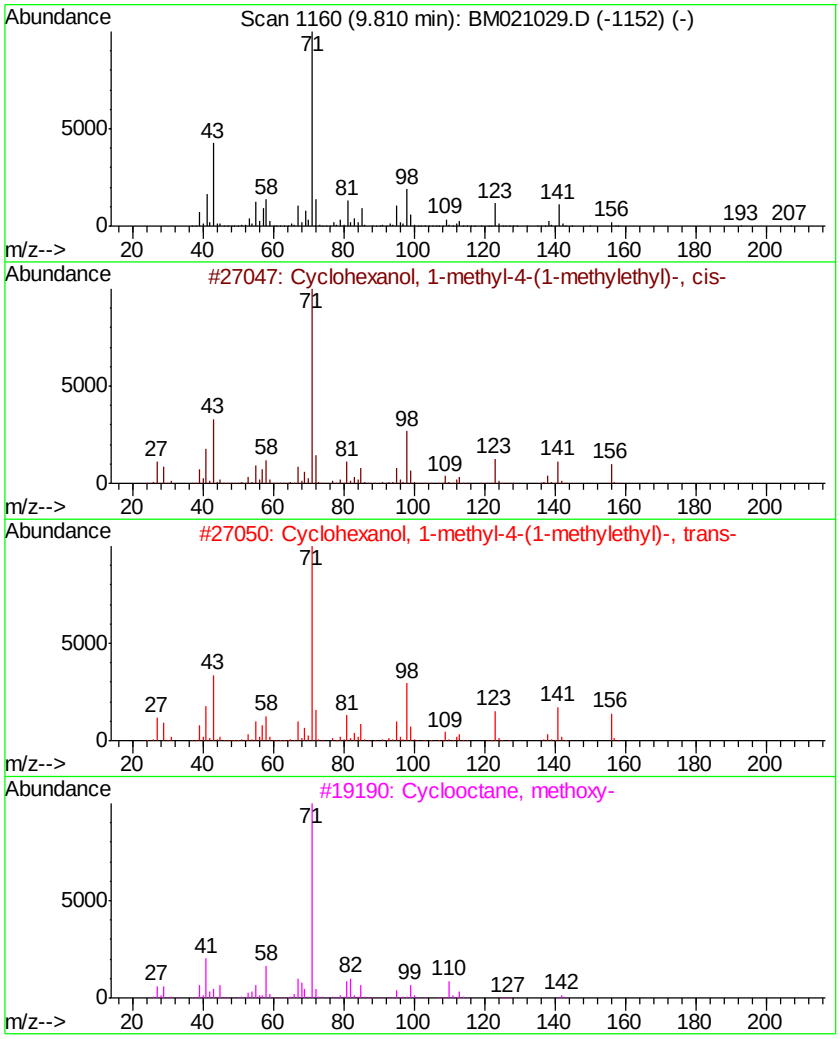
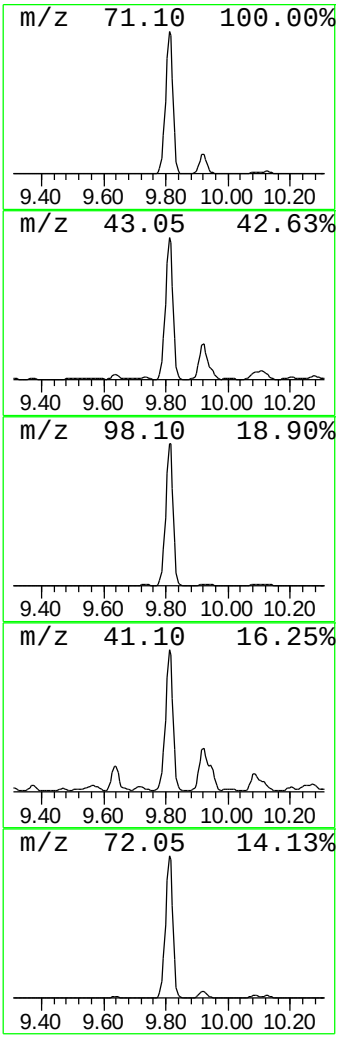
Peak Number 21 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	182.20 ng/ul	20779100	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	91
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	90
3	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	58
4	Hexadecane, 1,1-dimethoxy-	286	C18H38O2	002791-29-9	50
5	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	50





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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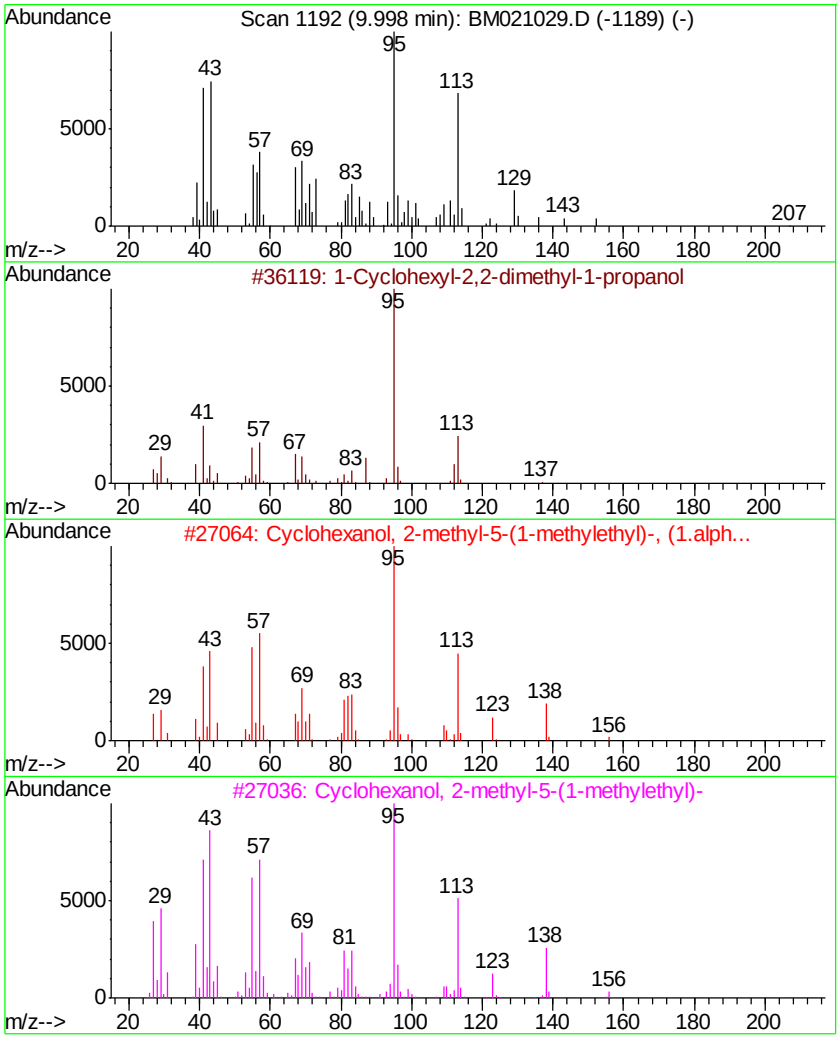
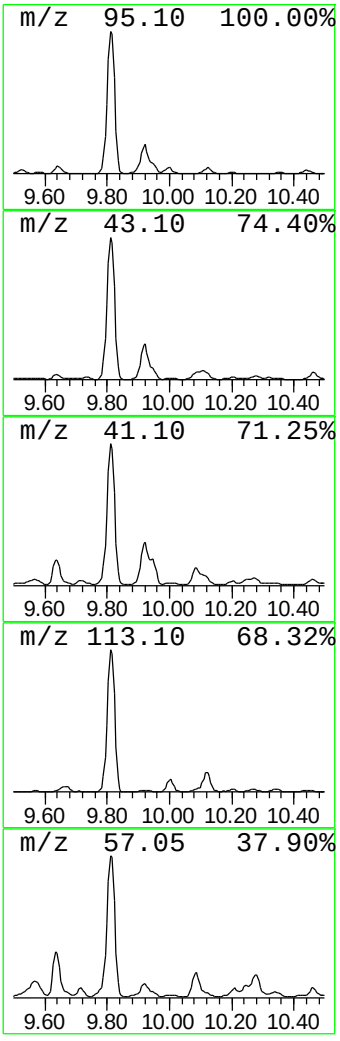
Peak Number 22 1-Cyclohexyl-2,2-dimethyl-1... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.13 ng/ul	243386	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2,2-dimethyl-1-prop...	170	C11H22O	062039-14-9	50
2	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	000499-69-4	42
3	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	060320-28-7	42
4	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	001126-40-5	42
5	Furan, tetrahydro-2-isopentyl-5-...	184	C12H24O	033933-71-0	40





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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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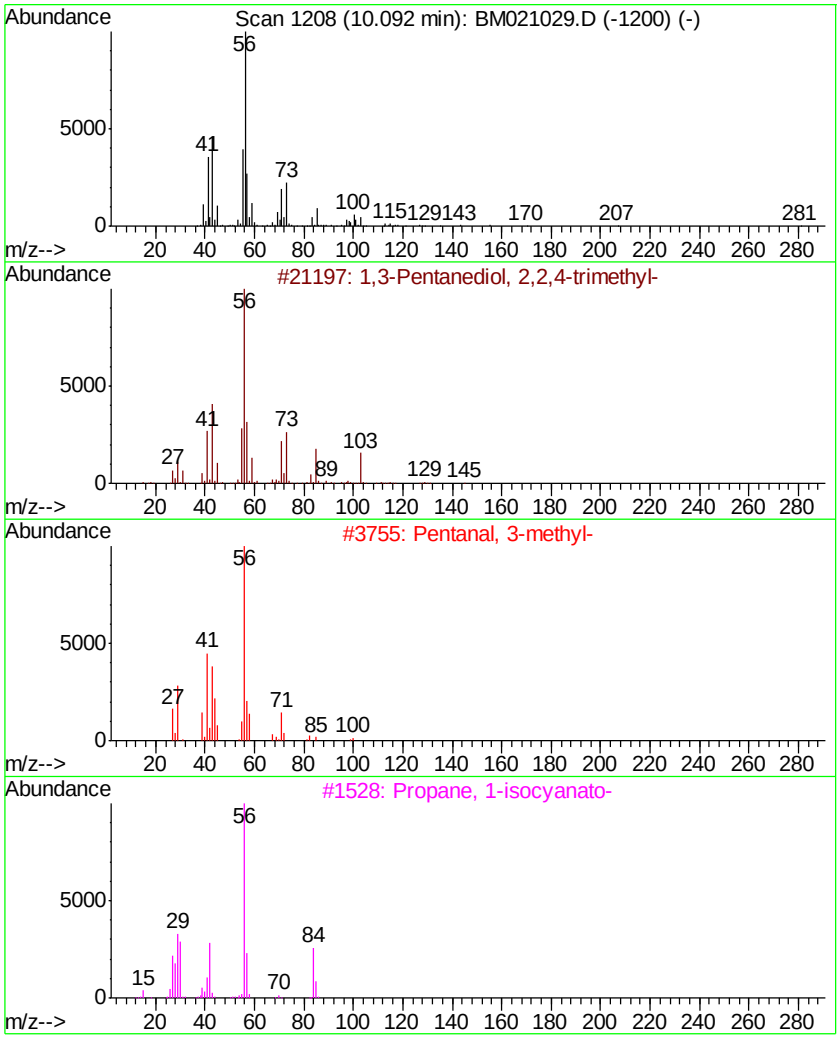
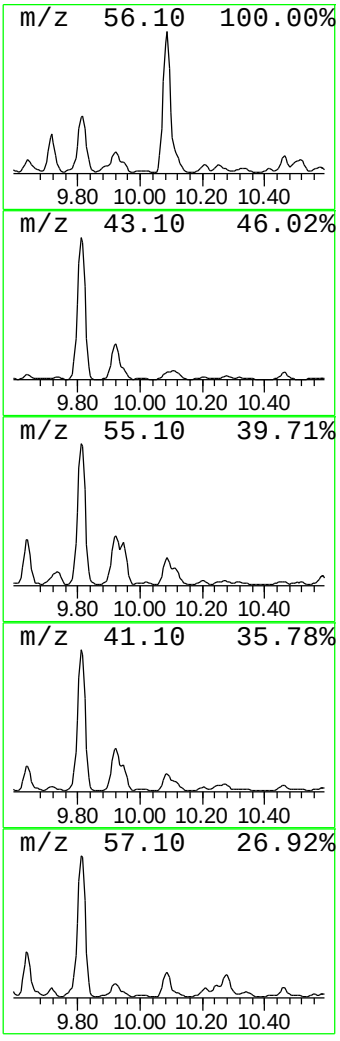
Peak Number 23 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	12.01 ng/ul	1370260	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	74
2	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	59
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	42
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	40





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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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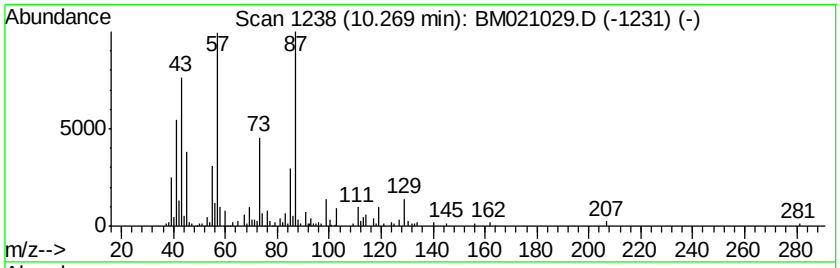
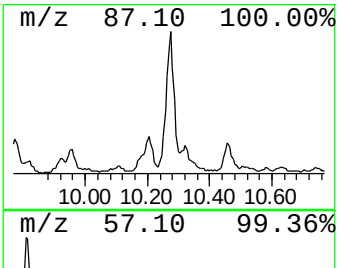
Peak Number 24 unknown-08 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	6.74 ng/ul	768935	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-methoxy-2,2-dimethyl-	102	C6H14O	001118-00-9	47
2	Hydrazine, 1,2-dipropyl-	116	C6H16N2	001615-83-4	38
3	5-Hexen-3-ol, 2,2,4-trimethyl-	142	C9H18O	090676-50-9	38
4	6-Ethoxy-6-methyl-2-cyclohexenone	154	C9H14O2	1000132-02-5	37
5	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	37





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Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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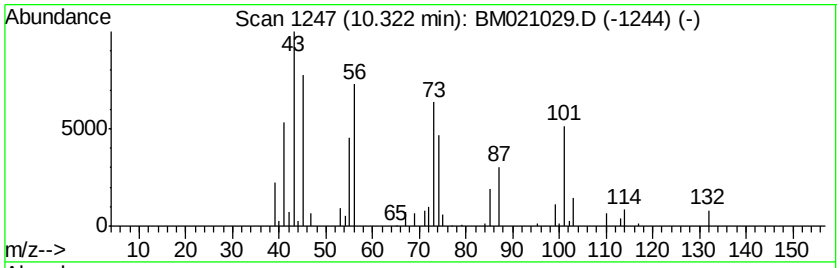
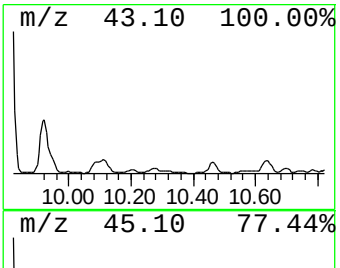
Peak Number 25 unknown-09 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.35 ng/ul	267679	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	38
2	1,2:5,6-Dianhydrogalactitol	146	C6H10O4	023261-20-3	38
3	2,5-Dihydroxyheptane	132	C7H16O2	070444-25-6	23
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	22
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	16





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Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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Quant Title : SVOA CALIBRATION

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

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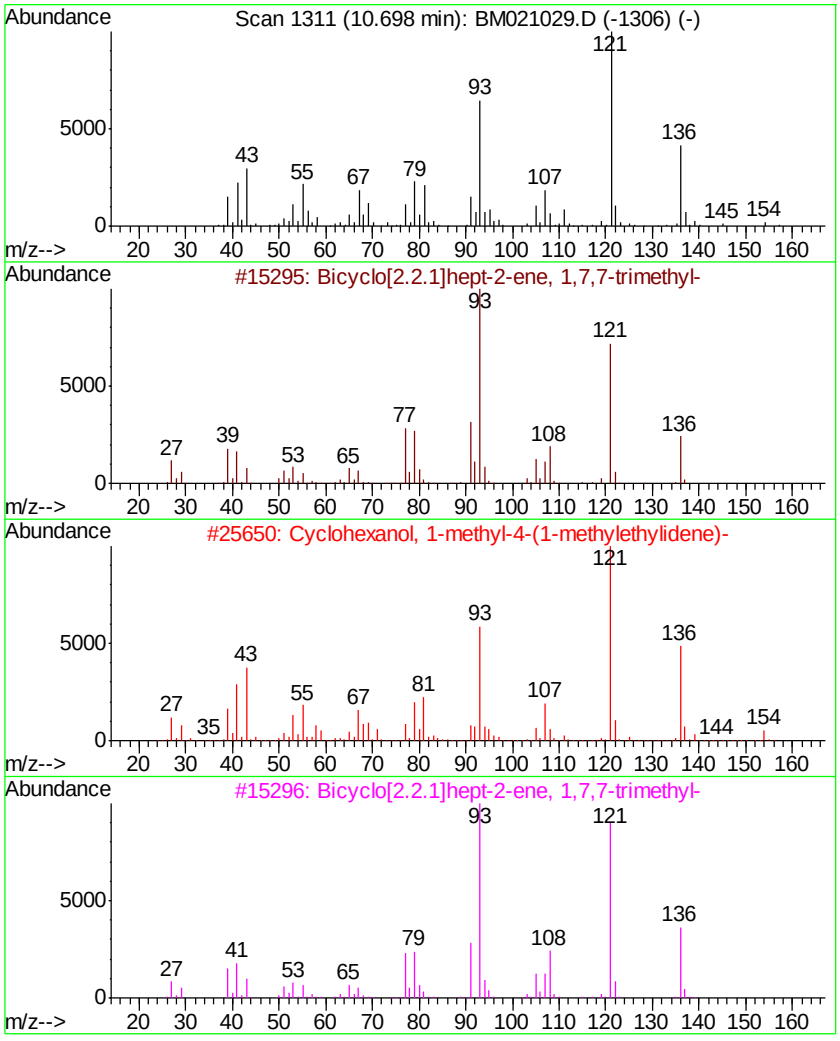
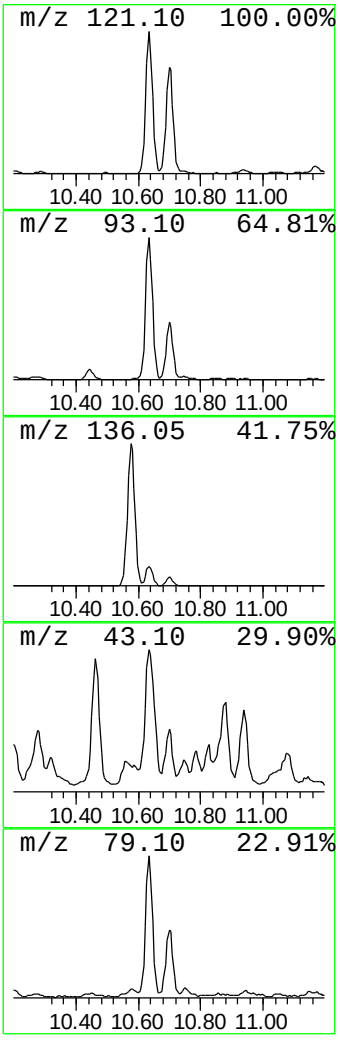
Peak Number 27 Bicyclo[2.2.1]hept-2-ene, 1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	7.88 ng/ul	898510	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	87
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000586-81-2	87
3	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	87
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	83
5	3-Methylene-1,5,5-trimethylcyclo...	136	C10H16	016609-28-2	80





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Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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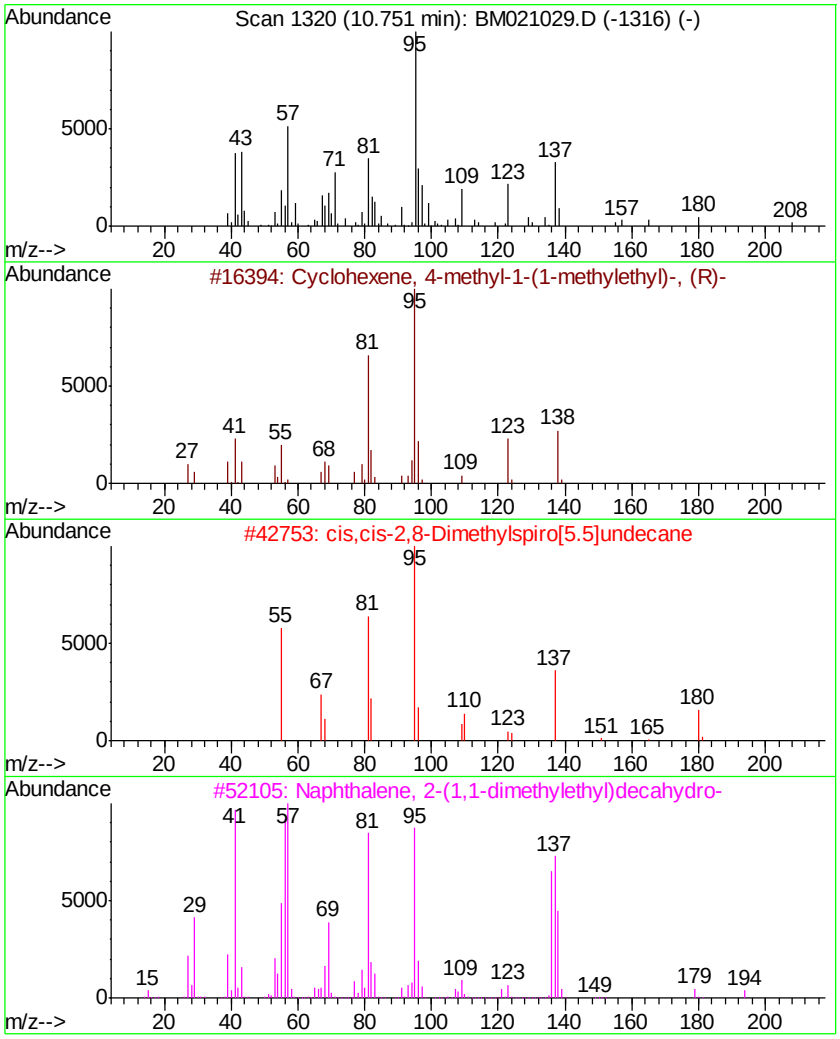
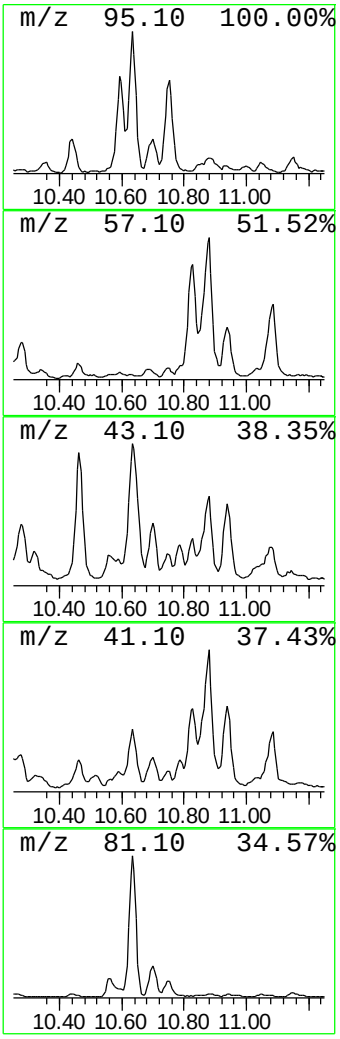
Peak Number 28 unknown-10 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.55 ng/ul	291119	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000619-52-3	38
2	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	38
3	Naphthalene, 2-(1,1-dimethylethy...	194	C14H26	054824-00-9	37
4	Cyclohexane, 1-methyl-4-(2-hydro...	142	C9H18O	004916-87-4	37
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

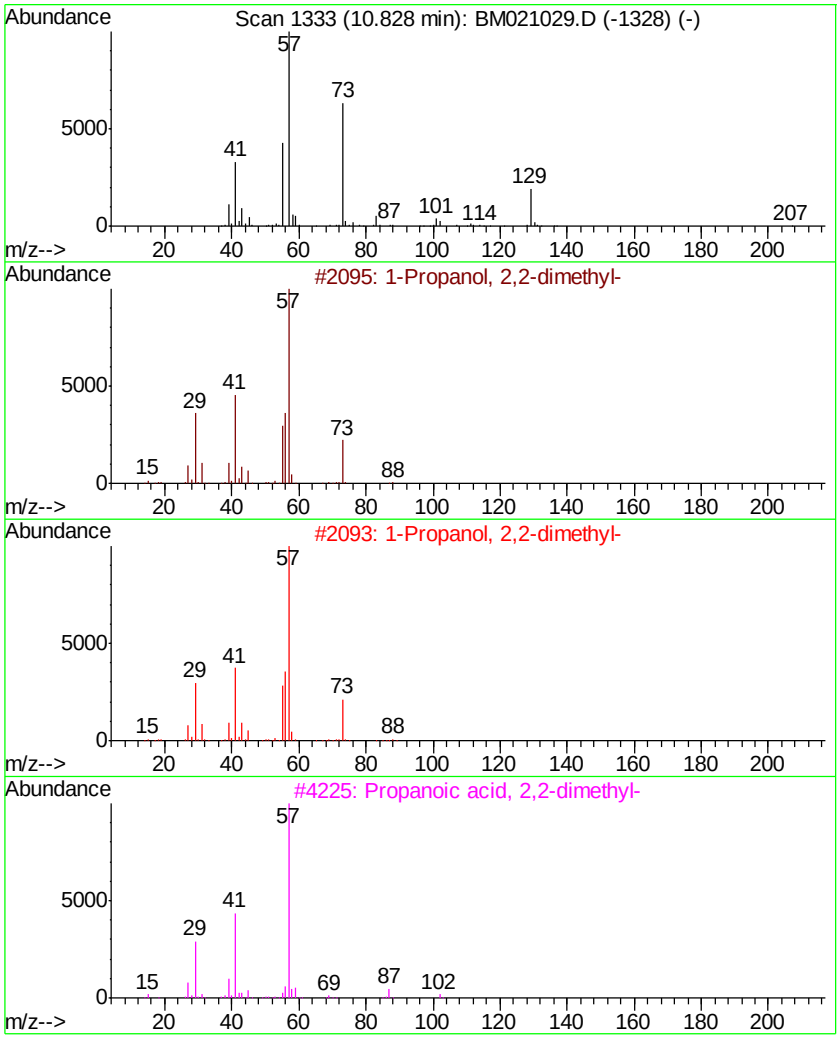
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

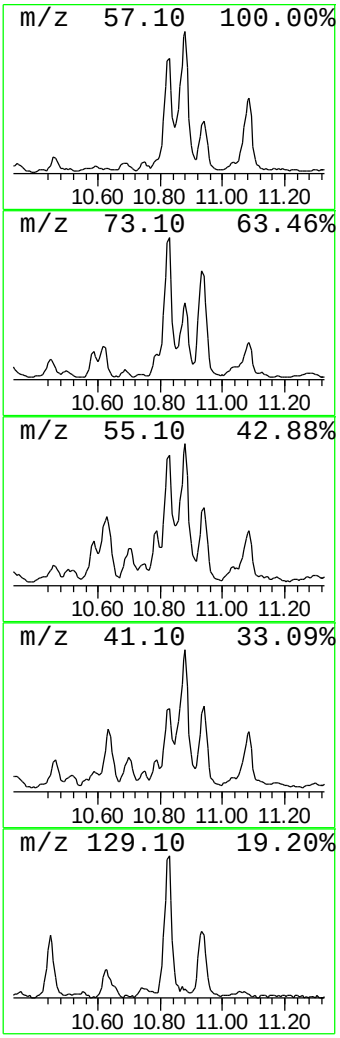
****

Peak Number 29 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	8.38 ng/ul	955967	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	27
2	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	27
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	22
4	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	17
5	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

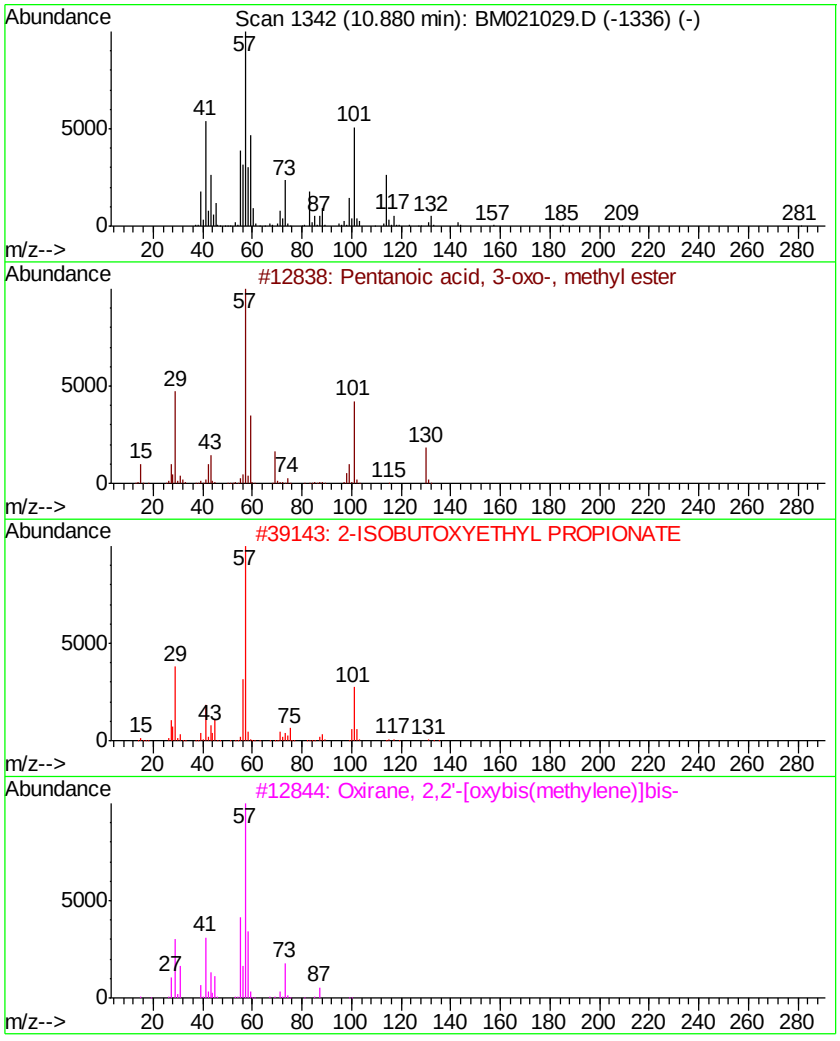
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

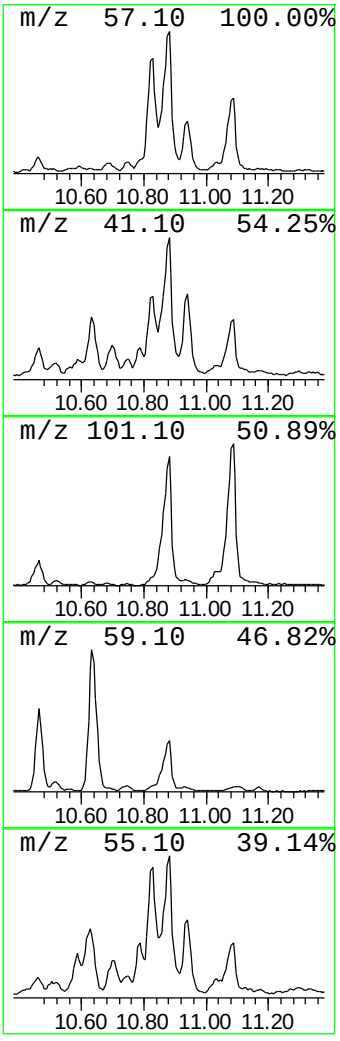
****

Peak Number 30 unknown-12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	18.20 ng/ul	2075550	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	37
2	2-ISOBUTOXYETHYL PROPIONATE	174	C9H18O3	1000234-06-3	25
3	Oxirane, 2,2'-[oxybis(methylene)...	130	C6H10O3	002238-07-5	22
4	N-(1-Methoxycarbonyl-1-methyl)et...	175	C7H13NO4	076170-92-8	16
5	1-tert-Butoxy-2-methoxyethane	132	C7H16O2	066728-50-5	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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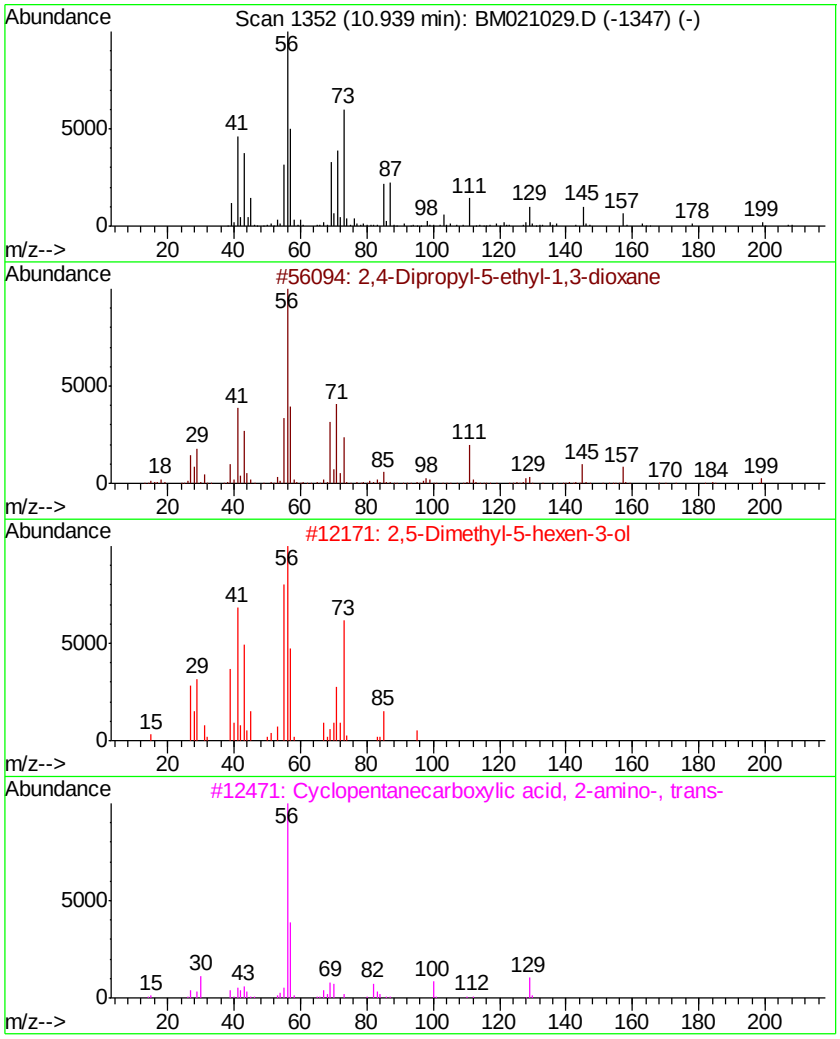
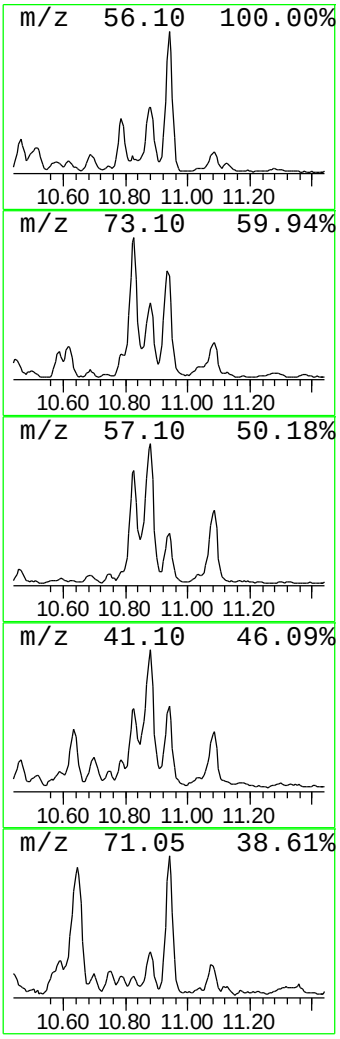
Peak Number 31 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	11.05 ng/ul	1260160	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	59
2	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	42
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	35
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	35
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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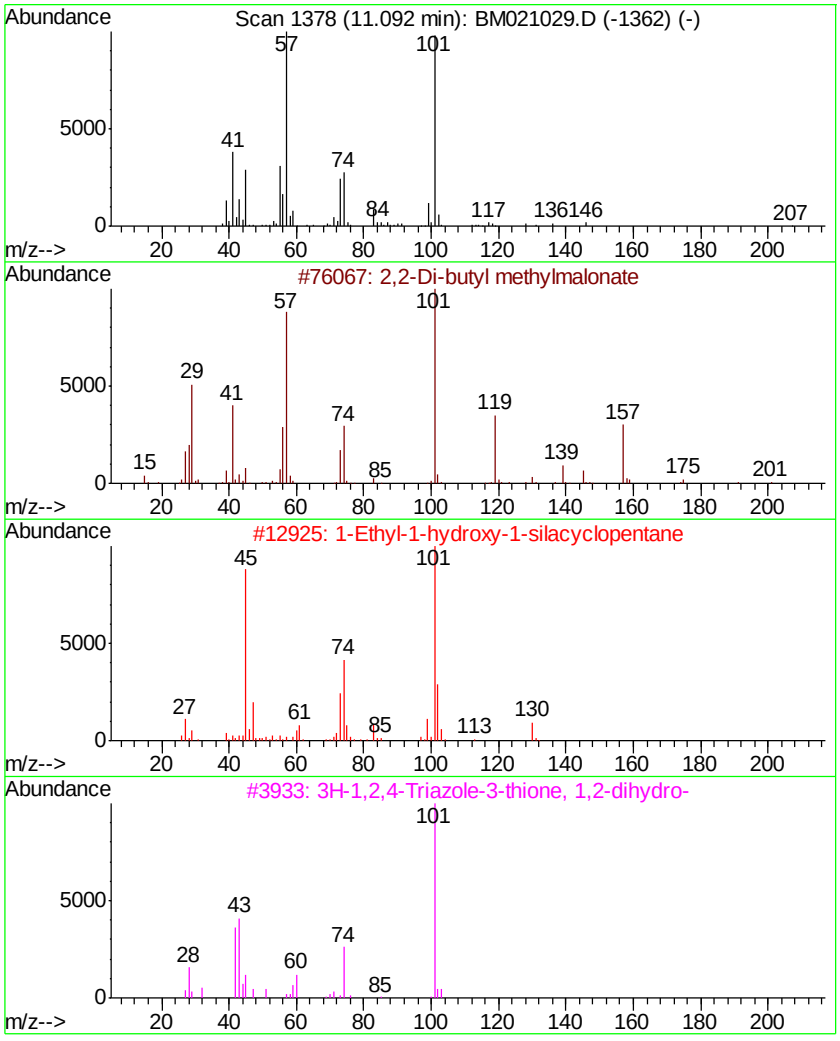
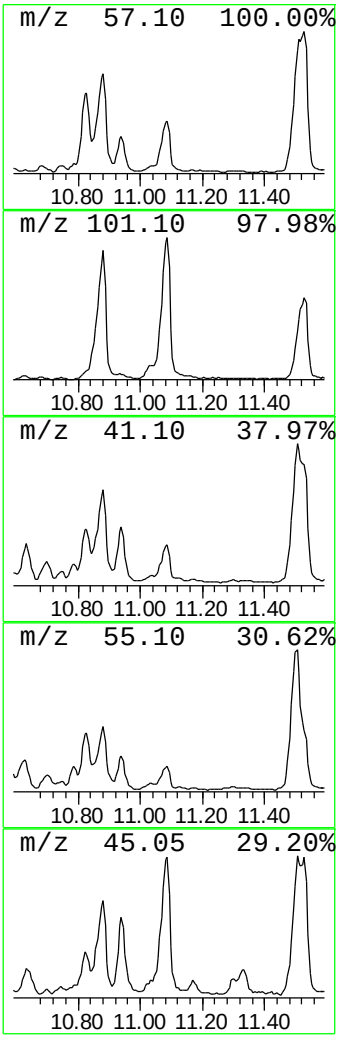
Peak Number 32 2,2-Di-butyl methylmalonate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	9.53 ng/ul	1086810	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	1-Ethyl-1-hydroxy-1-silacyclopen...	130	C6H14OSi	1000279-35-4	59
3	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	47
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	47
5	Hydrazine, 1,1-bis(2-methylpropyl)-	144	C8H20N2	016596-38-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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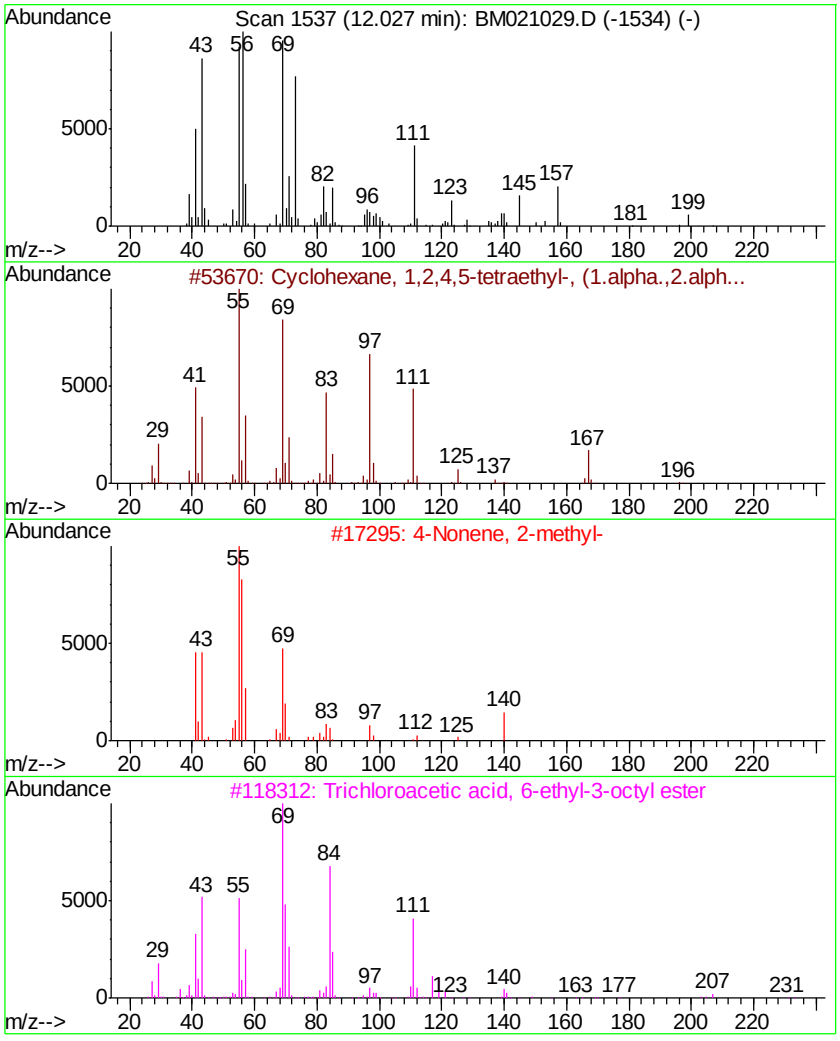
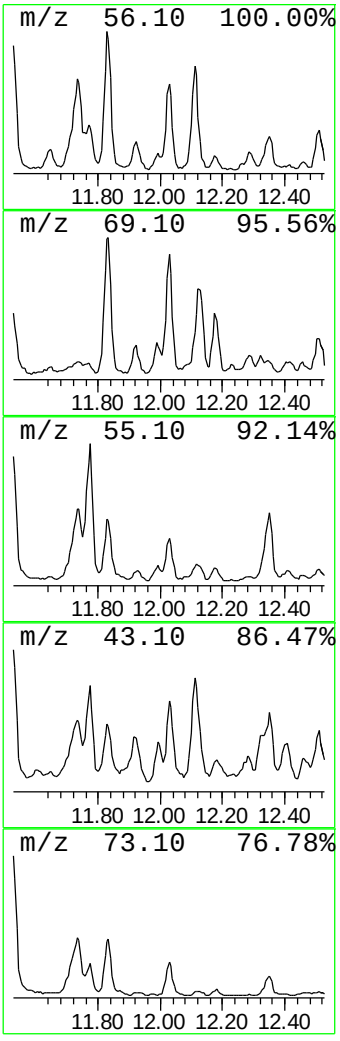
Peak Number 38 (DEL) Alkane: Cyclic12.03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.14 ng/ul	358171	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	43
2	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	38
3	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	38
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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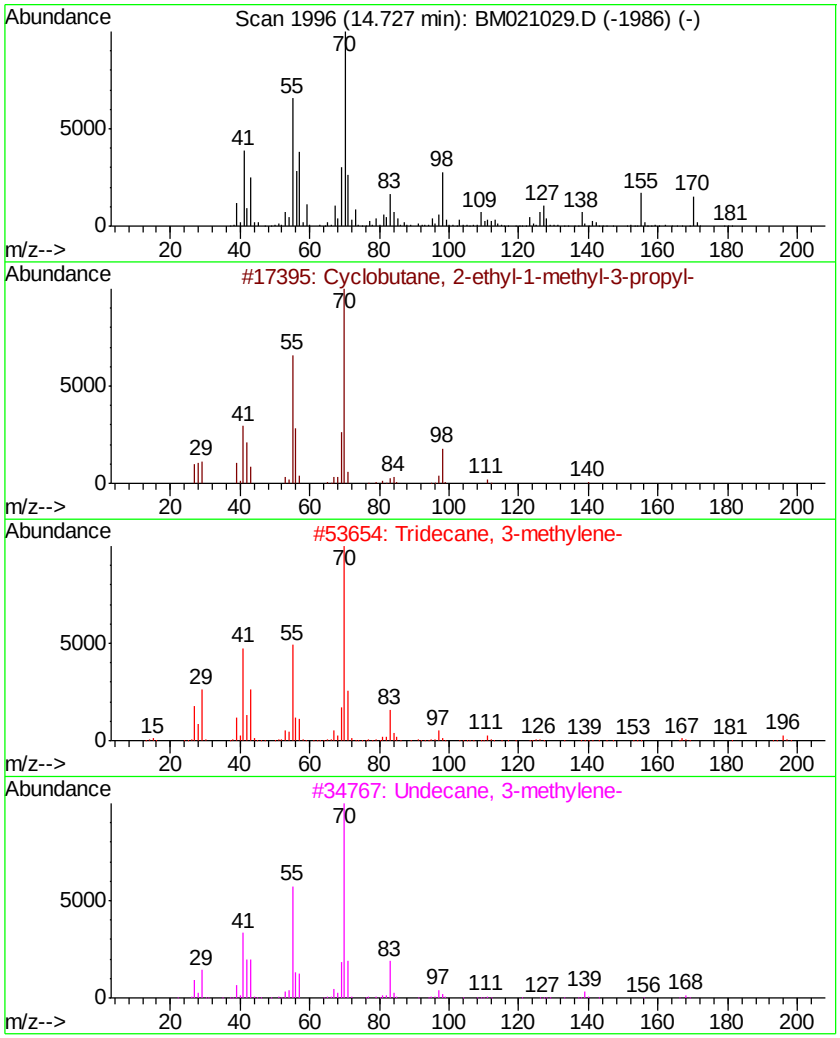
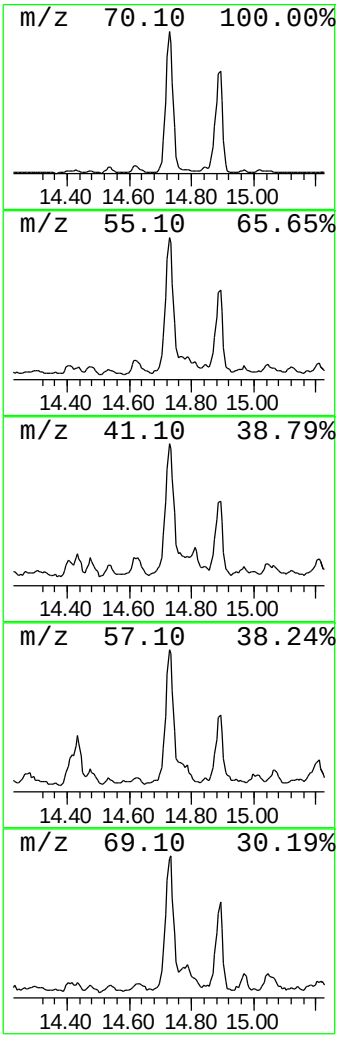
Peak Number 50 (DEL) Alkane: Cyclic14.73 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	14.03 ng/ul	2358660	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	38
2	Tridecane, 3-methylene-	196	C14H28	019780-34-8	35
3	Undecane, 3-methylene-	168	C12H24	071138-64-2	25
4	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	25
5	2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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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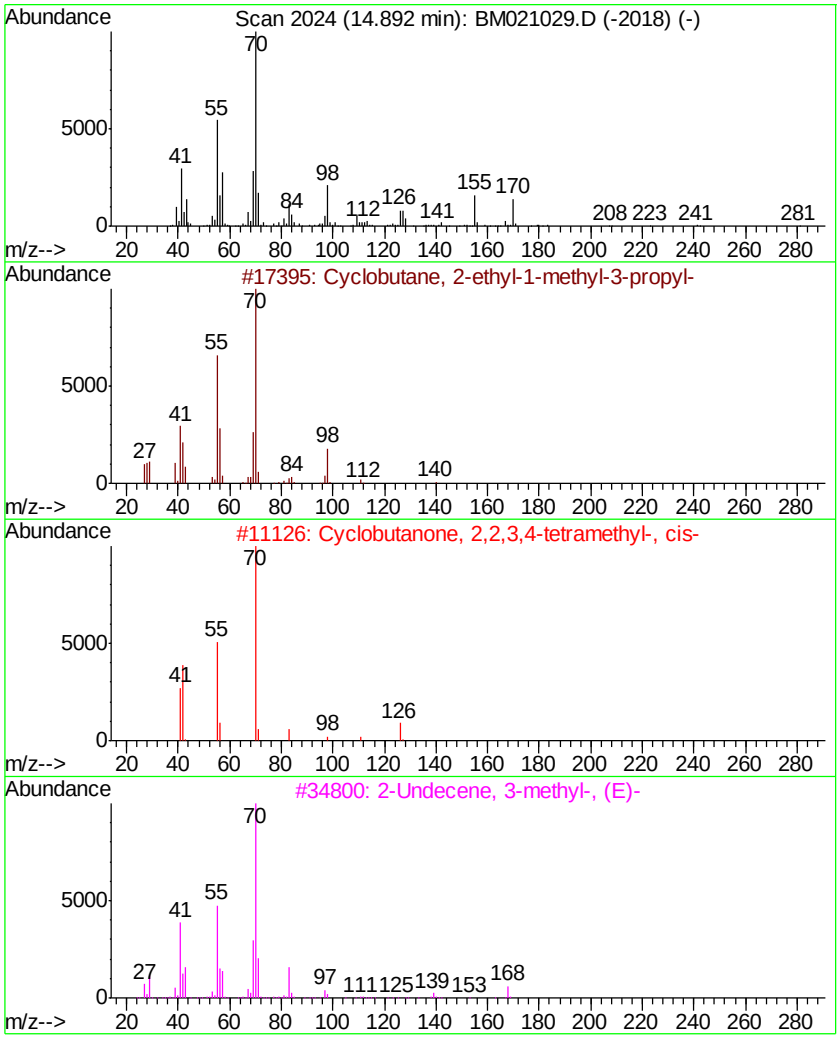
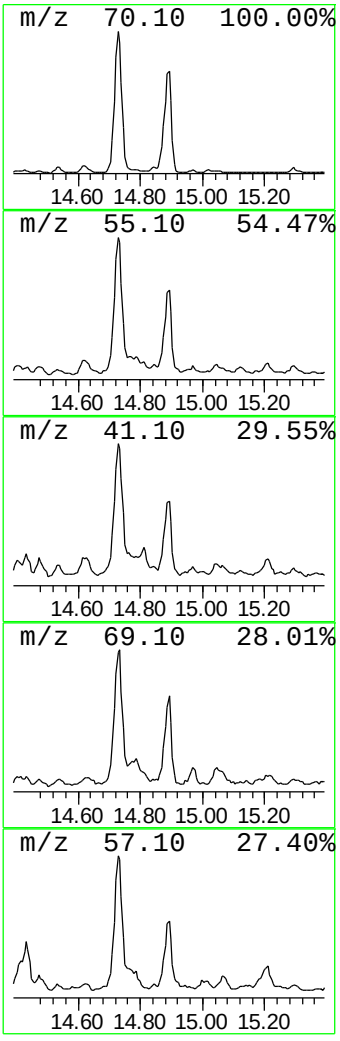
Peak Number 52 (DEL) Alkane: Cyclic14.89 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.54 ng/ul	931864	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	53
2	Cyclobutanone, 2,2,3,4-tetrameth...	126	C8H14O	087481-00-3	47
3	2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	47
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	46
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061819\
Data File : BM021029.D
Acq On : 19 Jun 2019 01:34
Operator : HP/JU
Sample : K3215-13DL2 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J8DL2

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanone, 2,4-...	4.27	5.6	ng/ul	640095	1	7.79	2292190	20.0
unknown-01	5.38	3.0	ng/ul	345088	1	7.79	2292190	20.0
Hexylene Glycol	6.13	10.9	ng/ul	1251560	1	7.79	2292190	20.0
1,1-Hexylenedioxy...	6.53	13.5	ng/ul	1543140	1	7.79	2292190	20.0
4-Heptanone, 2,6-...	6.93	16.6	ng/ul	1897960	1	7.79	2292190	20.0
unknown-02	7.05	5.9	ng/ul	674761	1	7.79	2292190	20.0
2-Heptanone, 4,6-...	7.21	4.9	ng/ul	557293	1	7.79	2292190	20.0
Benzene, 1,2,3-tr...	7.43	3.7	ng/ul	426748	1	7.79	2292190	20.0
unknown-03	7.59	3.0	ng/ul	341000	1	7.79	2292190	20.0
Benzene, 1-methyl...	7.92	58.7	ng/ul	6725310	1	7.79	2292190	20.0
unknown-04	7.99	82.9	ng/ul	9502680	1	7.79	2292190	20.0
unknown-05	8.03	43.6	ng/ul	5002940	1	7.79	2292190	20.0
Cyclohexanone, 3,...	8.22	36.6	ng/ul	4200350	1	7.79	2292190	20.0
Cyclohexanol, 3,3...	8.40	15.2	ng/ul	1746260	1	7.79	2292190	20.0
unknown-06	8.59	6.2	ng/ul	710652	1	7.79	2292190	20.0
Hexanoic acid, 2-...	9.21	93.0	ng/ul	10606600	2	10.57	2280950	20.0
unknown-07	9.28	3.0	ng/ul	337673	2	10.57	2280950	20.0
(DEL) Alkane: Cyc...	9.37	3.5	ng/ul	404333	2	10.57	2280950	20.0
(DEL) Alkane: Cyc...	9.56	4.5	ng/ul	515565	2	10.57	2280950	20.0
2,6-Dimethyl-6-ni...	9.73	6.3	ng/ul	720491	2	10.57	2280950	20.0
Cyclohexanol, 1-m...	9.81	182.2	ng/ul	20779100	2	10.57	2280950	20.0
1-Cyclohexyl-2,2-...	10.00	2.1	ng/ul	243386	2	10.57	2280950	20.0
1,3-Pentanediol, ...	10.09	12.0	ng/ul	1370260	2	10.57	2280950	20.0
unknown-08	10.27	6.7	ng/ul	768935	2	10.57	2280950	20.0
unknown-09	10.32	2.4	ng/ul	267679	2	10.57	2280950	20.0
Bicyclo[2.2.1]hep...	10.70	7.9	ng/ul	898510	2	10.57	2280950	20.0
unknown-10	10.75	2.5	ng/ul	291119	2	10.57	2280950	20.0
unknown-11	10.83	8.4	ng/ul	955967	2	10.57	2280950	20.0
unknown-12	10.88	18.2	ng/ul	2075550	2	10.57	2280950	20.0
2,4-Dipropyl-5-et...	10.94	11.1	ng/ul	1260160	2	10.57	2280950	20.0
2,2-Di-butyl meth...	11.09	9.5	ng/ul	1086810	2	10.57	2280950	20.0
(DEL) Alkane: Cyc...	12.03	3.1	ng/ul	358171	2	10.57	2280950	20.0
(DEL) Alkane: Cyc...	14.73	14.0	ng/ul	2358660	3	14.43	3361380	20.0
(DEL) Alkane: Cyc...	14.89	5.5	ng/ul	931864	3	14.43	3361380	20.0