LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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	3.628	105	109	115	rVB	106526	142024	1.75%	0.147%
2	3.940	150	162	169	rVV	210839	526910	6.48%	0.545%
3	4.269	214	218	227	rVV	321786	451936	5.56%	0.467%
4	4.928	324	330	339	rVB3	317831	538044	6.62%	0.557%
5	5.381	401	407	414	rBV2	181294	272672	3.35%	0.282%
6	5.663	449	455	458	rVV3	75342	134769	1.66%	0.139%
7	6.128	528	534	538	rBV	287046	519622	6.39%	0.537%
8	6.293	557	562	572	rVB	180226	281204	3.46%	0.291%
9	6.540	598	604	612	rVB	690657	1023289	12.59%	1.058%
10	6.804	638	649	657	rBV3	104420	248849	3.06%	0.257%
11	6.934	666	671	681	rVV	415546	660588	8.13%	0.683%
12	7.051	686	691	698	rVB	267434	405113	4.98%	0.419%
13	7.157	700	709	714	rBV3	131685	301888	3.71%	0.312%
14	7.210	714	718	728	rVB	310012	468223	5.76%	0.484%
15	7.434	745	756	760	rBV	97950	166612	2.05%	0.172%
16	7.569	773	779	786	rVB	147311	289878	3.57%	0.300%
17	7.757	798	811	813	rBV	355765	869308	10.69%	0.899%
18	7.792	813	817	822	rVV	815097	1337305	16.45%	1.383%
19	7.845	822	826	832	rVV	674795	995352	12.24%	1.030%
20	7.916	832	838	845	rVB3	69771	159881	1.97%	0.165%
21	7.998	845	852	854	rBV	3308824	4876426	59.98%	5.044%
22	8.028	854	857	865	rVB	3378768	4892021	60.17%	5.060%
23	8.122	867	873	877	rBV2	76728	121041	1.49%	0.125%
24	8.222	883	890	903	rVB	1213327	2229263	27.42%	2.306%
25	8.404	911	921	929	rVV5	248200	556073	6.84%	0.575%
26	8.516	933	940	945	rVV3	62992	122611	1.51%	0.127%
27	8.586	945	952	962	rVB2	231046	428893	5.28%	0.444%
28	8.904	998	1006	1011	rVV5	719152	1432082	17.62%	1.481%
29	9.186	1028	1054	1066	rBV	1672541	7764126	95.50%	8.031%
30	9.281	1066	1070	1073	rVV2	71591	123867	1.52%	0.128%
31	9.375	1081	1086	1093	rBV2	186559	300986	3.70%	0.311%
32	9.516	1105	1110	1115	rVV	259814	513636	6.32%	0.531%
33	9.569	1115	1119	1125	rVV2	174769	318781	3.92%	0.330%
34	9.633	1125	1130	1133	rVV	551857	906735	11.15%	0.938%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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	9.663	1133	1135	1140	rVV2	292555	413456	5.09%	0.428%
36	9.733	1140	1147	1151	rVV2	458361	828802	10.19%	0.857%
37	9.769	1151	1153	1156	rVV	172273	239393	2.94%	0.248%
38	9.816	1156	1161	1167	rVV4	325813	726537	8.94%	0.752%
39	9.875	1167	1171	1175	rVV2	103666	176073	2.17%	0.182%
40	9.928	1175	1180	1188	rVV4	144814	338732	4.17%	0.350%
41	10.086	1200	1207	1218	rBV4	432709	1099759	13.53%	1.138%
42	10.204	1218	1227	1231	rBV3	195683	348111	4.28%	0.360%
43	10.269	1231	1238	1244	rVV5	187596	540447	6.65%	0.559%
44	10.345	1246	1251	1261	rVB	326271	522479	6.43%	0.540%
45	10.463	1261	1271	1276	rBV3	563980	1100619	13.54%	1.138%
46	10.516	1276	1280	1284	rVV3	124826	203640	2.50%	0.211%
47	10.581	1284	1291	1296	rVV	1271614	2181959	26.84%	2.257%
48	10.651	1296	1303	1307	rVV3	197719	428664	5.27%	0.443%
49	10.786	1323	1326	1328	rVV	102885	140935	1.73%	0.146%
50	10.822	1328	1332	1335	rVV	375218	650693	8.00%	0.673%
51	10.863	1335	1339	1346	rVV2	542768	1138809	14.01%	1.178%
52	10.933	1346	1351	1361	rVB3	303609	703510	8.65%	0.728%
53	11.069	1367	1374	1380	rVB2	209151	376403	4.63%	0.389%
54	11.498	1436	1447	1461	rVV3	1155100	2629823	32.35%	2.720%
55	11.716	1476	1484	1487	rVV	341769	642825	7.91%	0.665%
56	11.757	1487	1491	1498	rVB	392248	615597	7.57%	0.637%
57	11.833	1498	1504	1511	rVB	114725	189029	2.33%	0.196%
58	11.992	1525	1531	1535	rBV2	184740	289000	3.55%	0.299%
59	12.033	1535	1538	1544	rVB2	121568	170943	2.10%	0.177%
60	12.116	1544	1552	1559	rBV4	172285	347538	4.27%	0.359%
61	12.286	1576	1581	1585	rBV3	93211	139909	1.72%	0.145%
62	12.345	1585	1591	1597	rBV2	395725	657372	8.09%	0.680%
63	12.510	1615	1619	1626	rBV3	95943	173952	2.14%	0.180%
64	12.710	1648	1653	1661	rVB3	240597	457895	5.63%	0.474%
65	12.833	1670	1674	1684	rVB	267099	418264	5.14%	0.433%
66	12.933	1686	1691	1697	rBV7	78792	180026	2.21%	0.186%
67	13.080	1711	1716	1720	rBV	262490	349578	4.30%	0.362%
68	13.133	1720	1725	1728	rBV	503445	736773	9.06%	0.762%
69	13.169	1728	1731	1740	rVB	439727	598172	7.36%	0.619%
70	13.269	1741	1748	1753	rVB4	75156	154369	1.90%	0.160%
71	13.374	1756	1766	1771	rBV3	491582	1087013	13.37%	1.124%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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	13.445	1774	1778	1788	rVB2	223690	467635	5.75%	0.484%
73	13.633	1800	1810	1814	rBV8	60837	159261	1.96%	0.165%
74	13.686	1814	1819	1830	rVB	552282	863999	10.63%	0.894%
75	13.786	1830	1836	1841	rBV5	107045	188308	2.32%	0.195%
76	13.839	1841	1845	1852	rVB	112564	179233	2.20%	0.185%
77	14.121	1887	1893	1895	rBV	97412	184404	2.27%	0.191%
78	14.174	1900	1902	1909	rVV3	82016	160039	1.97%	0.166%
79	14.427	1937	1945	1951	rBV2	2118745	3484988	42.87%	3.605%
80	14.480	1951	1954	1959	rVB4	137499	199486	2.45%	0.206%
81	14.627	1971	1979	1984	rBV5	158189	376028	4.63%	0.389%
82	14.733	1989	1997	2002	rBV2	946256	2030050	24.97%	2.100%
83	14.816	2008	2011	2018	rVB3	124456	189871	2.34%	0.196%
84	14.892	2018	2024	2030	rVB2	344437	587562	7.23%	0.608%
85	14.974	2030	2038	2042	rBV	293663	508242	6.25%	0.526%
86	15.051	2047	2051	2056	rVB	376968	547733	6.74%	0.567%
87	15.421	2107	2114	2121	rVB	163089	265645	3.27%	0.275%
88	15.557	2130	2137	2143	rVV	1677355	2325755	28.61%	2.406%
89	16.198	2239	2246	2250	rBV	217077	351971	4.33%	0.364%
90	16.245	2250	2254	2262	rVB	2390862	3225515	39.67%	3.336%
91	16.468	2287	2292	2296	rBV2	95681	149493	1.84%	0.155%
92	16.821	2345	2352	2363	rVV	5671983	8129897	100.00%	8.409%
93	16.910	2363	2367	2373	rVV3	131612	235969	2.90%	0.244%
94	17.174	2406	2412	2422	rBV2	3052642	4283240	52.69%	4.431%
95	17.274	2424	2429	2435	rVB	180375	302536	3.72%	0.313%
96	17.527	2467	2472	2477	rBV	463494	686308	8.44%	0.710%
97	19.109	2737	2741	2748	rBV3	137751	211674	2.60%	0.219%
98	19.562	2814	2818	2825	rBV2	204014	305546	3.76%	0.316%
99	21.350	3117	3122	3131	rBV	3922760	5111274	62.87%	5.287%
100	23.627	3502	3509	3520	rVB2	2402172	4586948	56.42%	4.745%

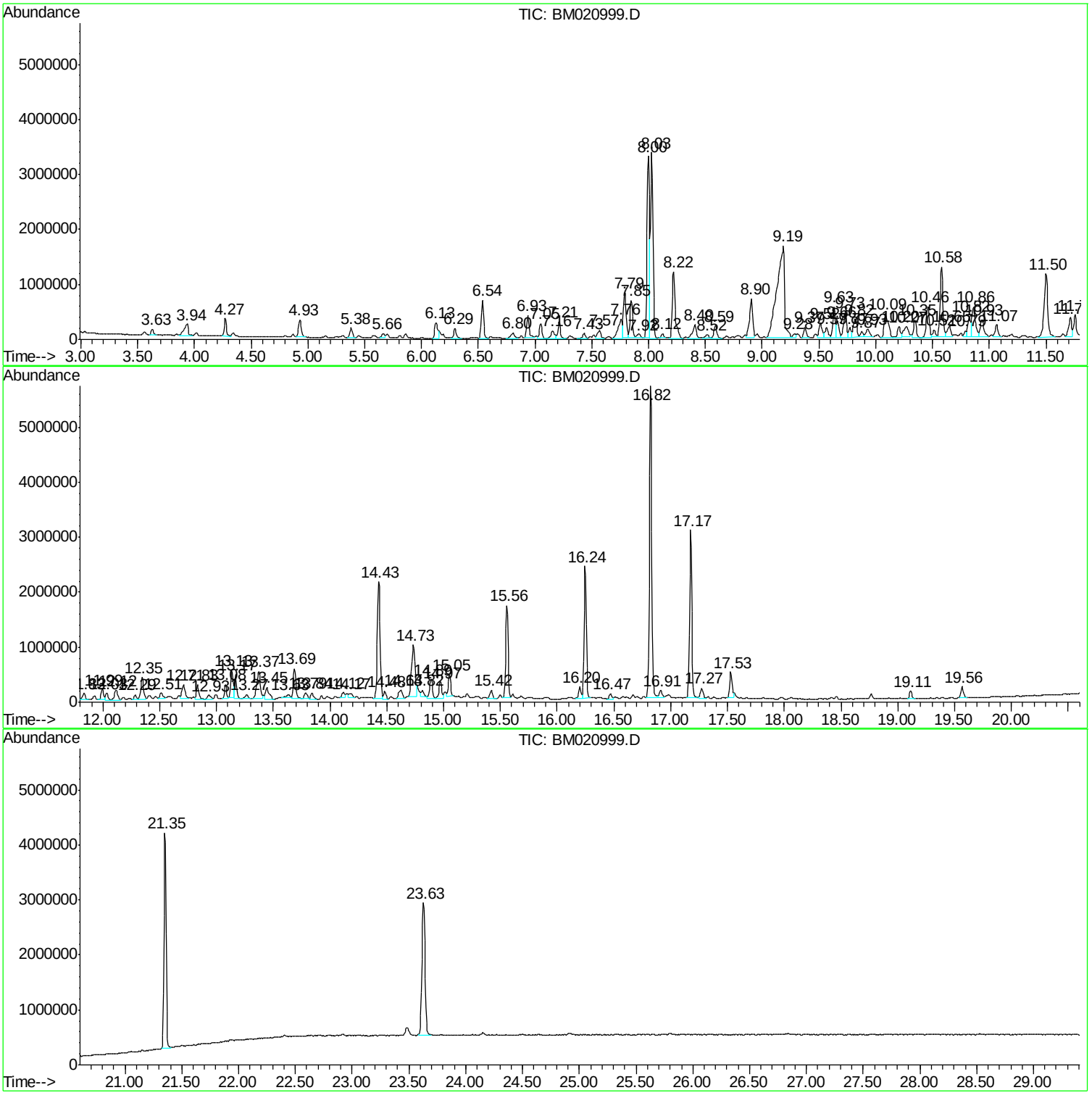
Sum of corrected areas: 96675717

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

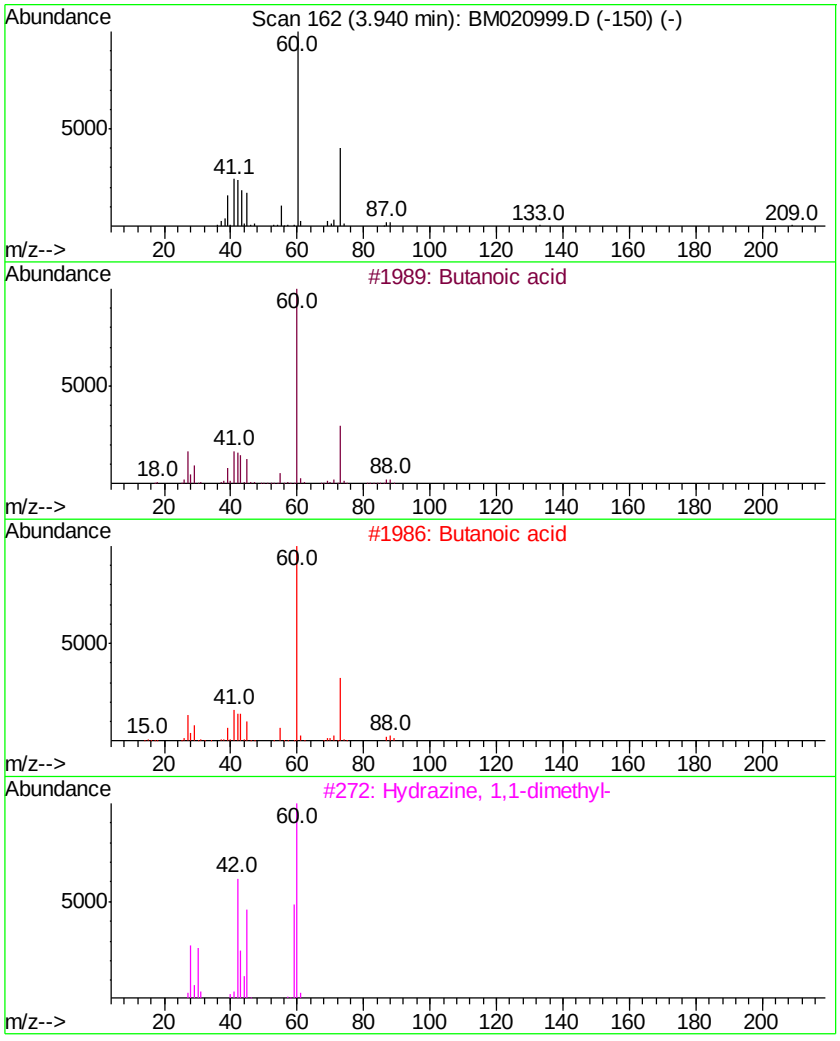
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

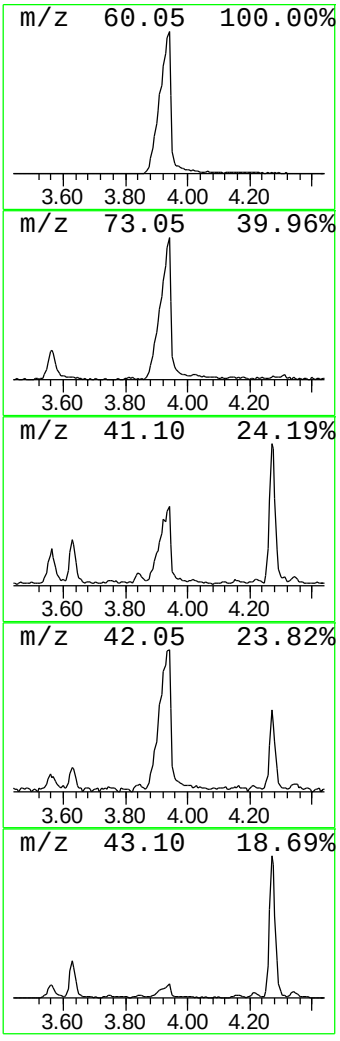
****

Peak Number 2 Butanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	7.88 ng/ul	526910	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	72
2	Butanoic acid	88	C4H8O2	000107-92-6	72
3	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4	Heptanoic acid	130	C7H14O2	000111-14-8	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

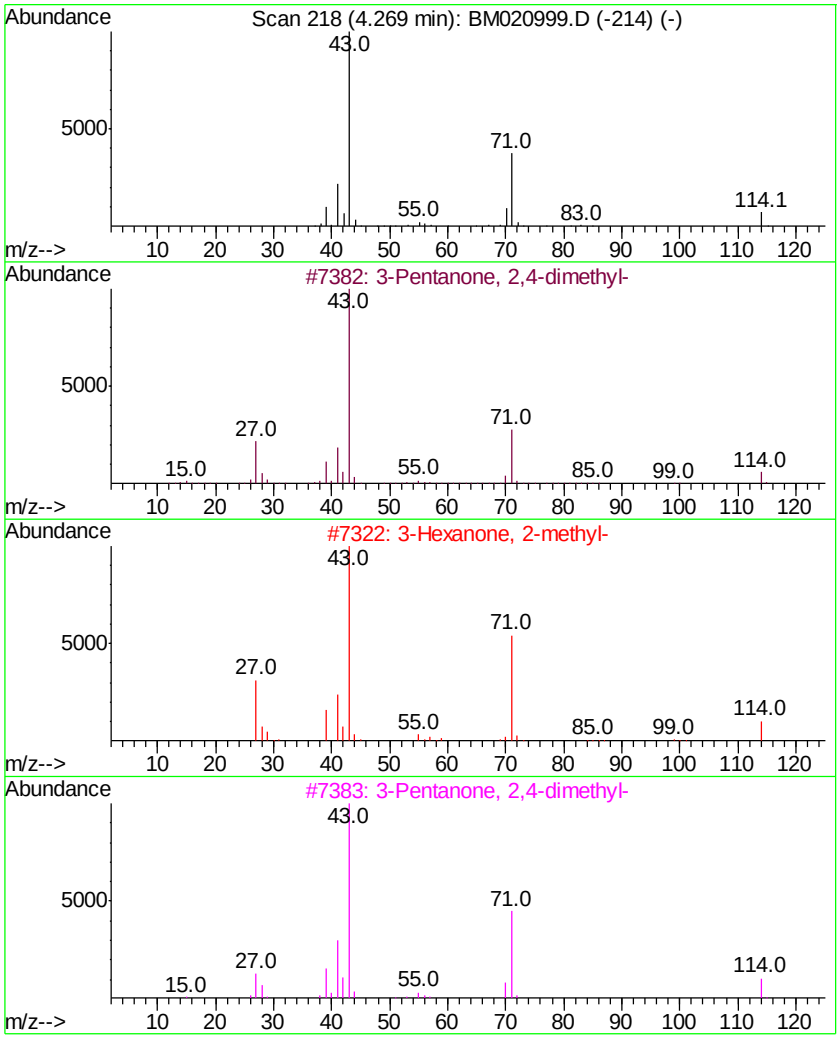
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

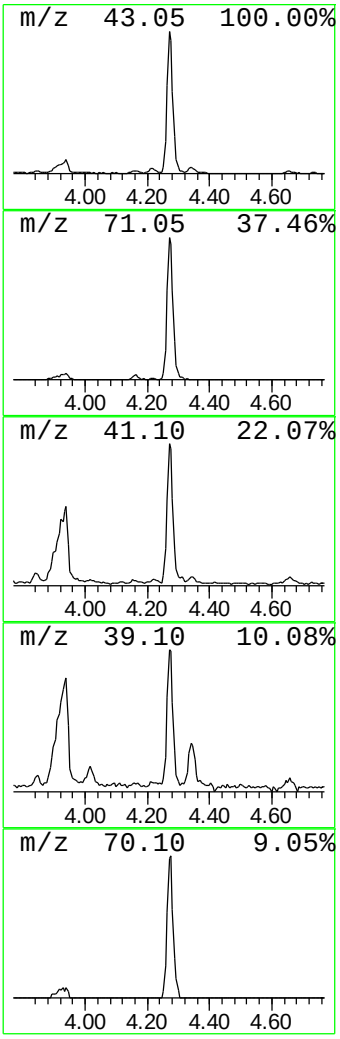
****

Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	6.76 ng/ul	451936	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	80
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

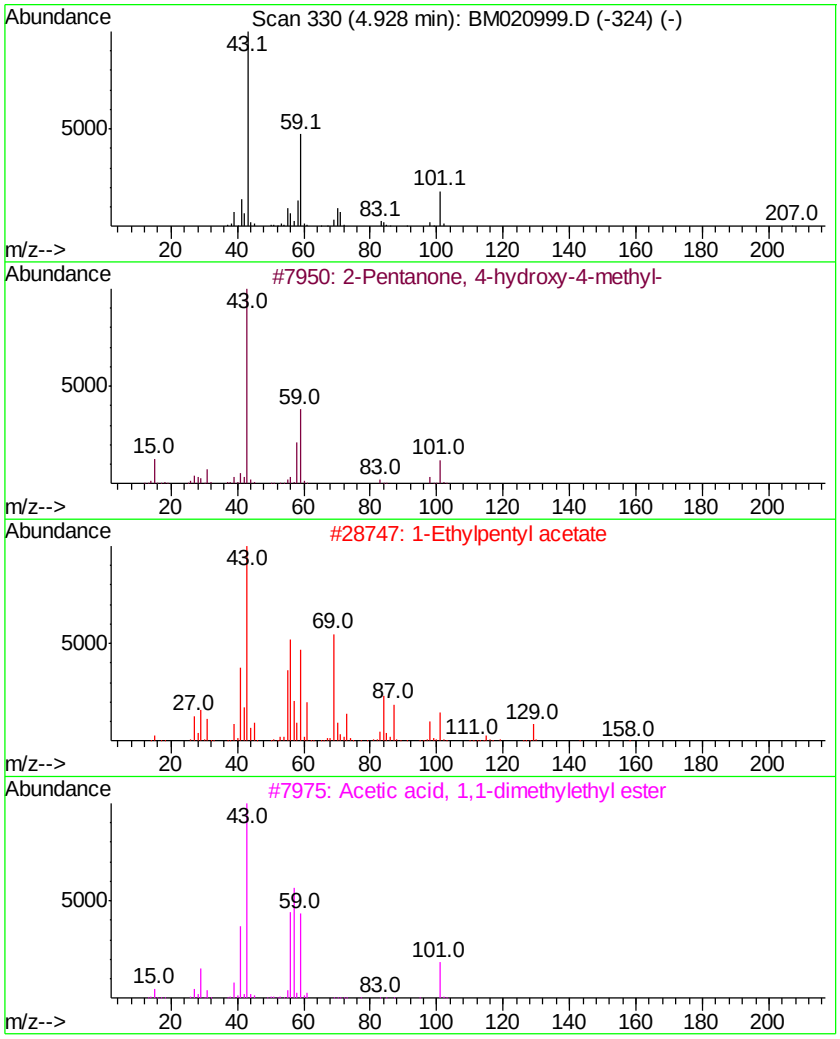
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

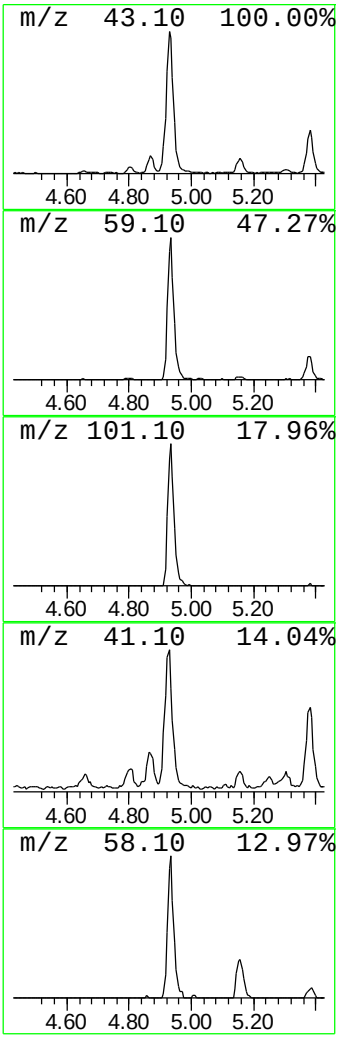
****

Peak Number 4 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	8.05 ng/ul	538044	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	1-Ethylpentyl acetate	158	C9H18O2	005921-83-5	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

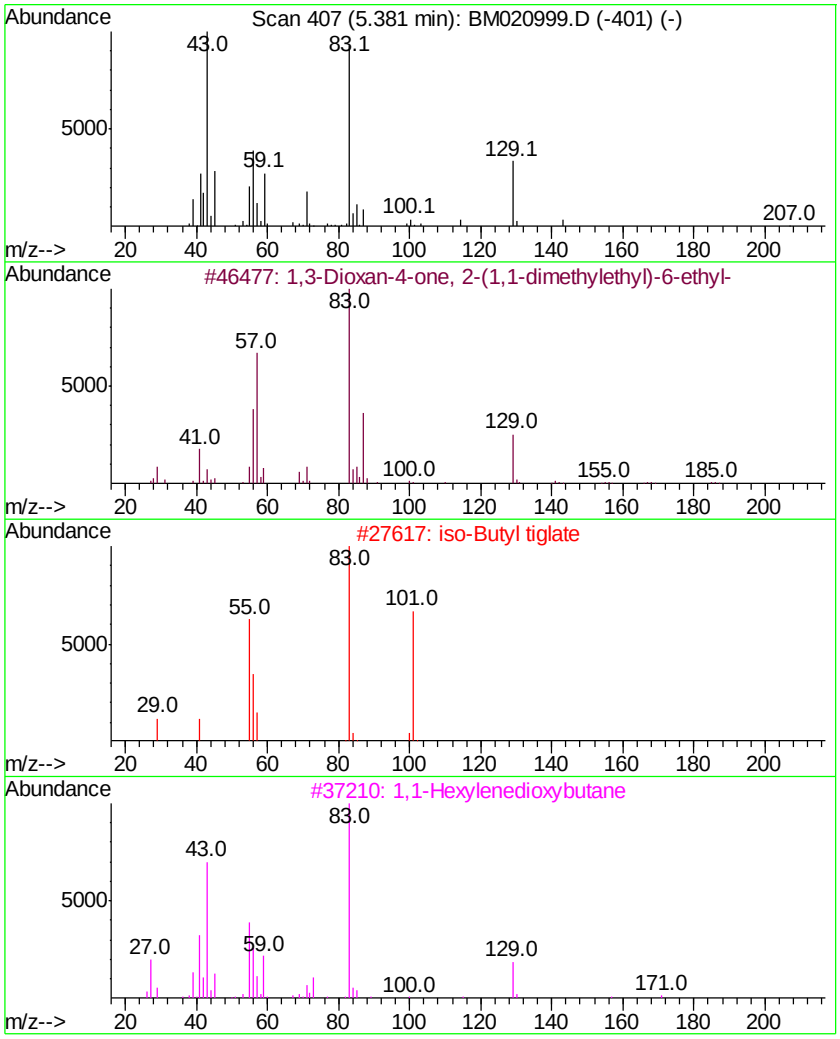
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

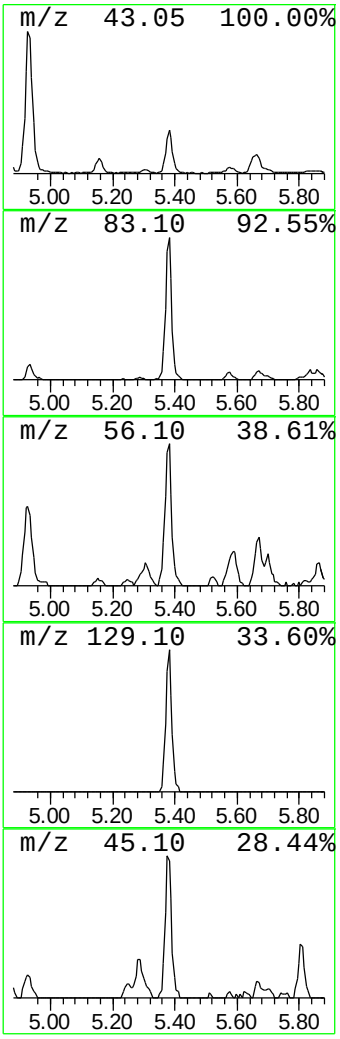
****

Peak Number 5 1,3-Dioxan-4-one, 2-(1,1-di... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	4.08 ng/ul	272672	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	59
2	iso-Butyl tiglate	156	C9H16O2	066917-61-1	28
3	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	25
4	6-Undecanol	172	C11H24O	023708-56-7	17
5	2,5-Dihydroxyheptane	132	C7H16O2	070444-25-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

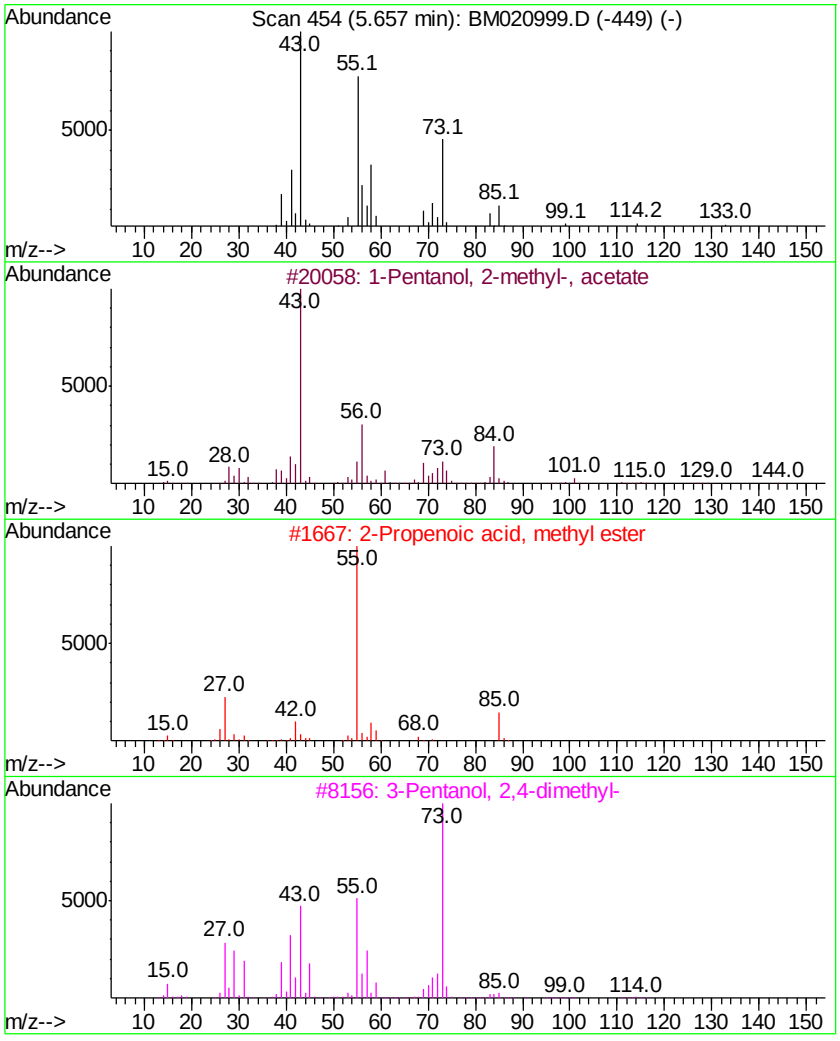
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

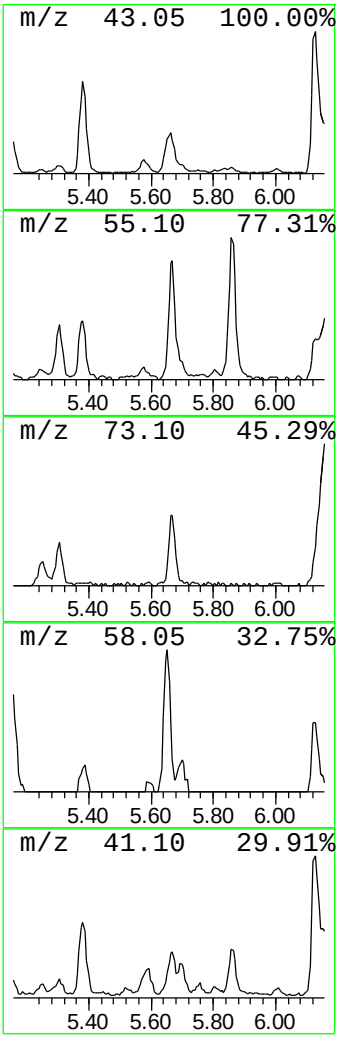
****

Peak Number 6 unknown-02 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.02 ng/ul	134769	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	23
2	2-Propenoic acid, methyl ester	86	C4H6O2	000096-33-3	16
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	16
4	4-Heptanol	116	C7H16O	000589-55-9	16
5	2-Propenoic acid, methyl ester	86	C4H6O2	000096-33-3	12





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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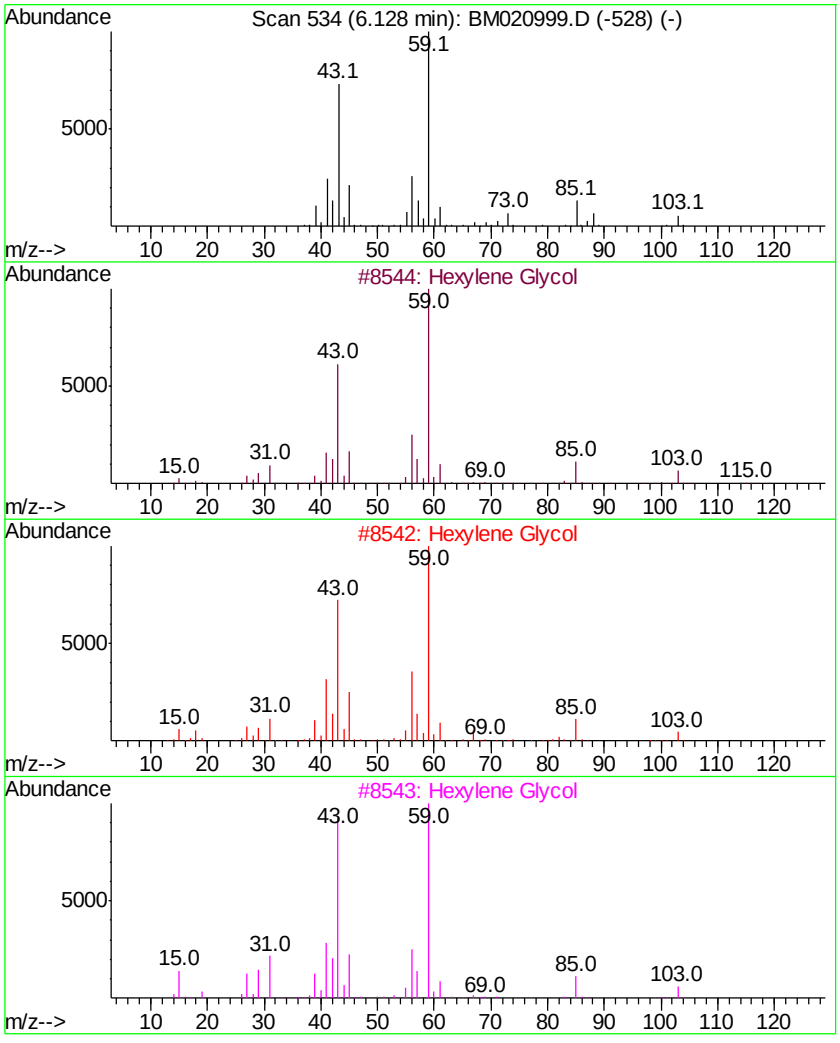
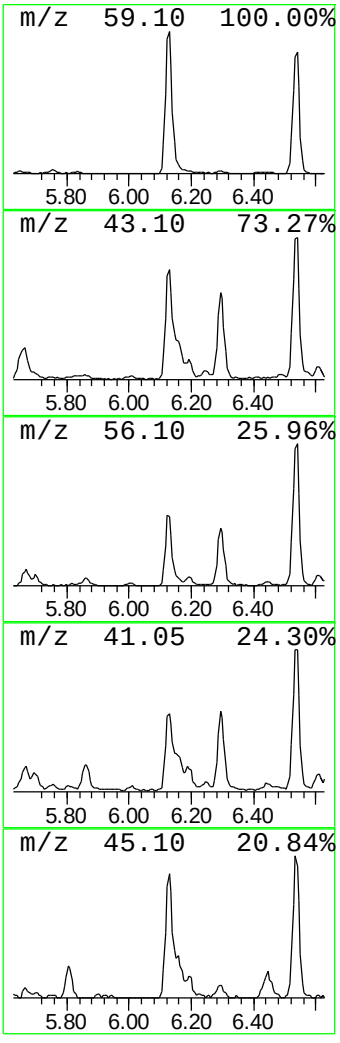
Peak Number 7 Hexylene Glycol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	7.77 ng/ul	519622	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	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	64
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	58





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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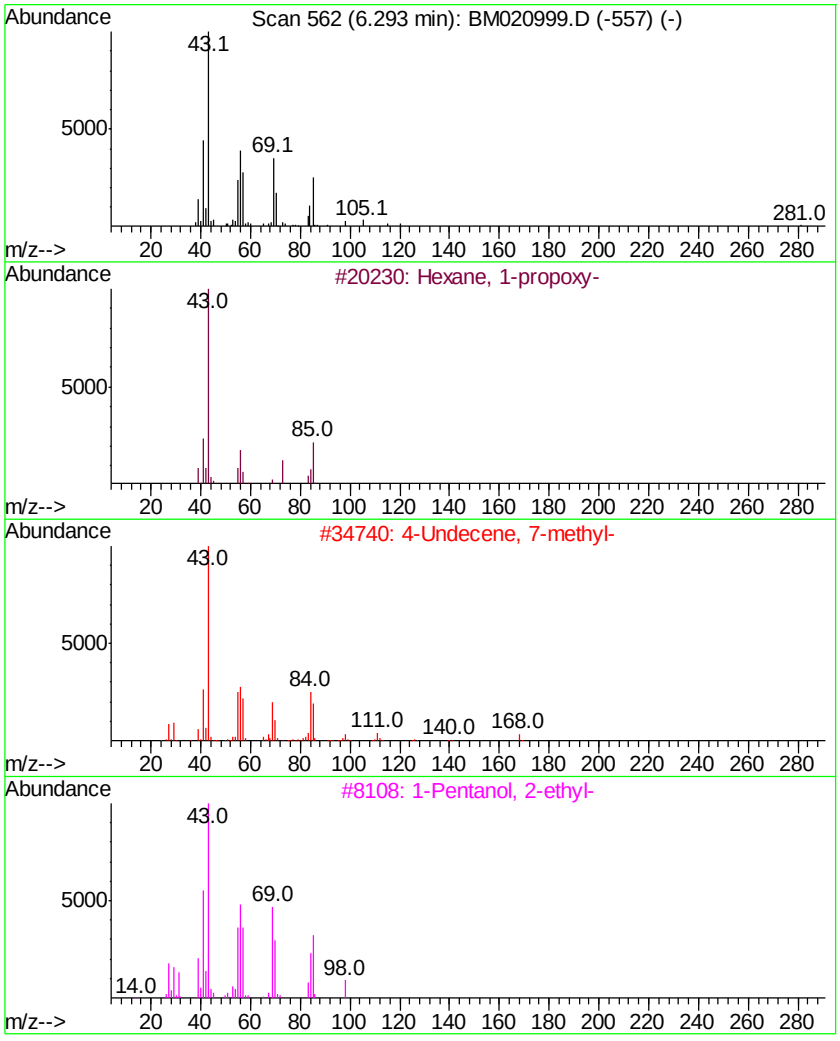
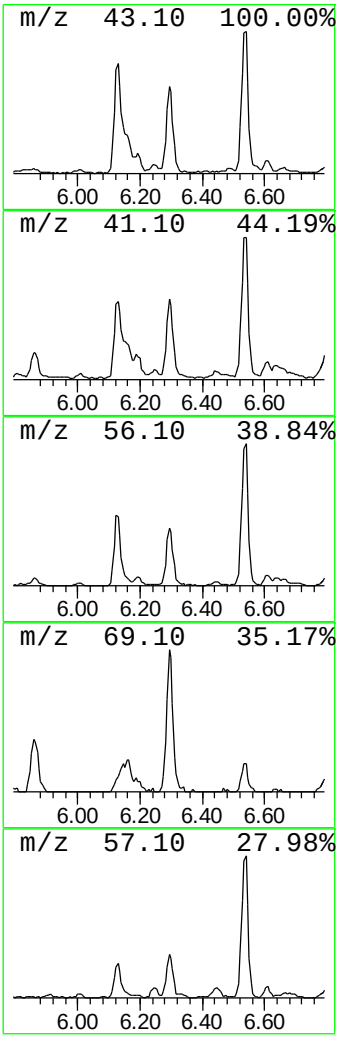
Peak Number 8 Hexane, 1-propoxy- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	4.21 ng/ul	281204	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	72
2	4-Undecene, 7-methyl-	168	C12H24	076441-79-7	59
3	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	56
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43
5	2-Bromopropionic acid, 4-methylp...	236	C9H17BrO2	1000293-56-2	39





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Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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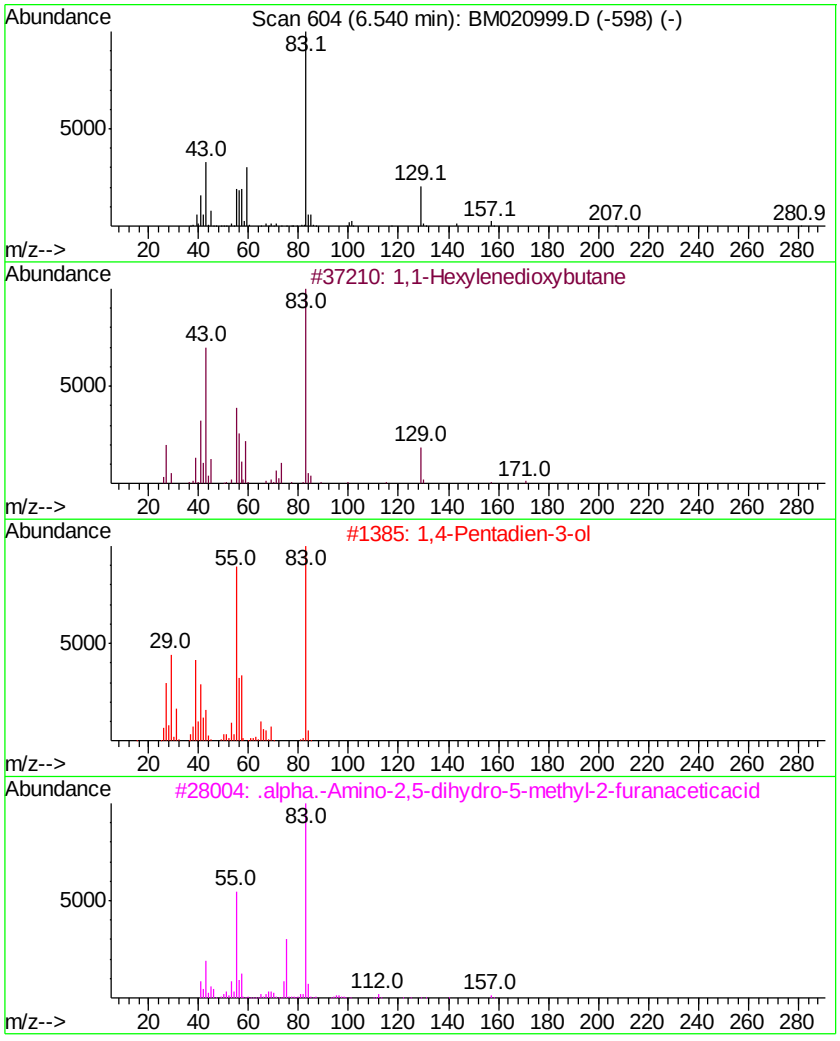
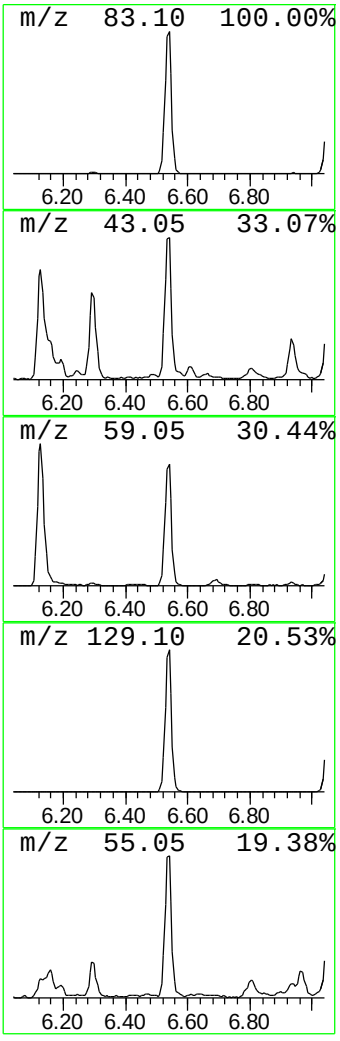
Peak Number 9 1,1-Hexylenedioxybutane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	15.30 ng/ul	1023290	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	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	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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Misc :
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ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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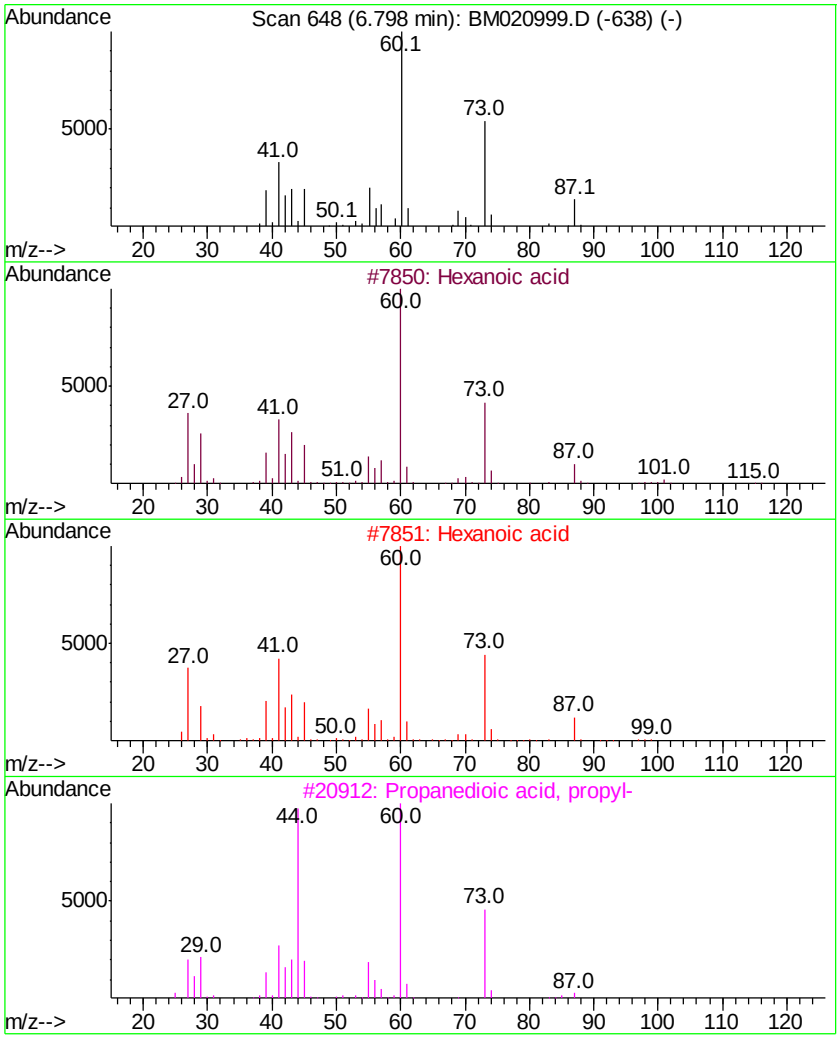
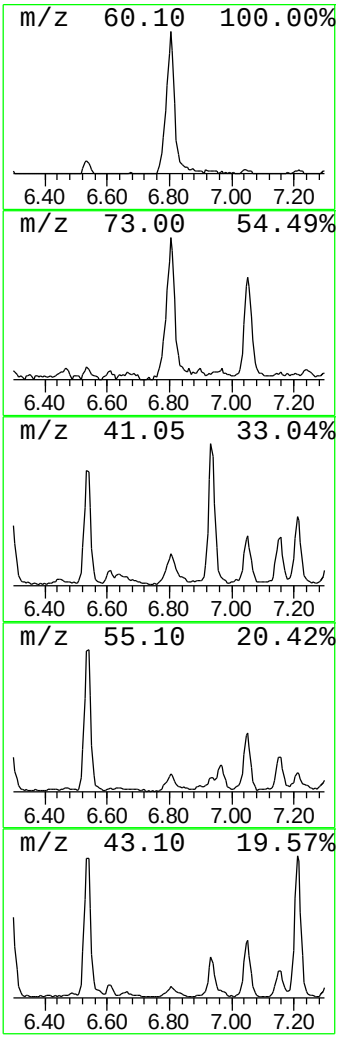
Peak Number 10 Hexanoic acid Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.72 ng/ul	248849	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4	Heptanoic acid	130	C7H14O2	000111-14-8	59
5	Octanoic Acid	144	C8H16O2	000124-07-2	56





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Sample : K3215-10DL2 30X
Misc :
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ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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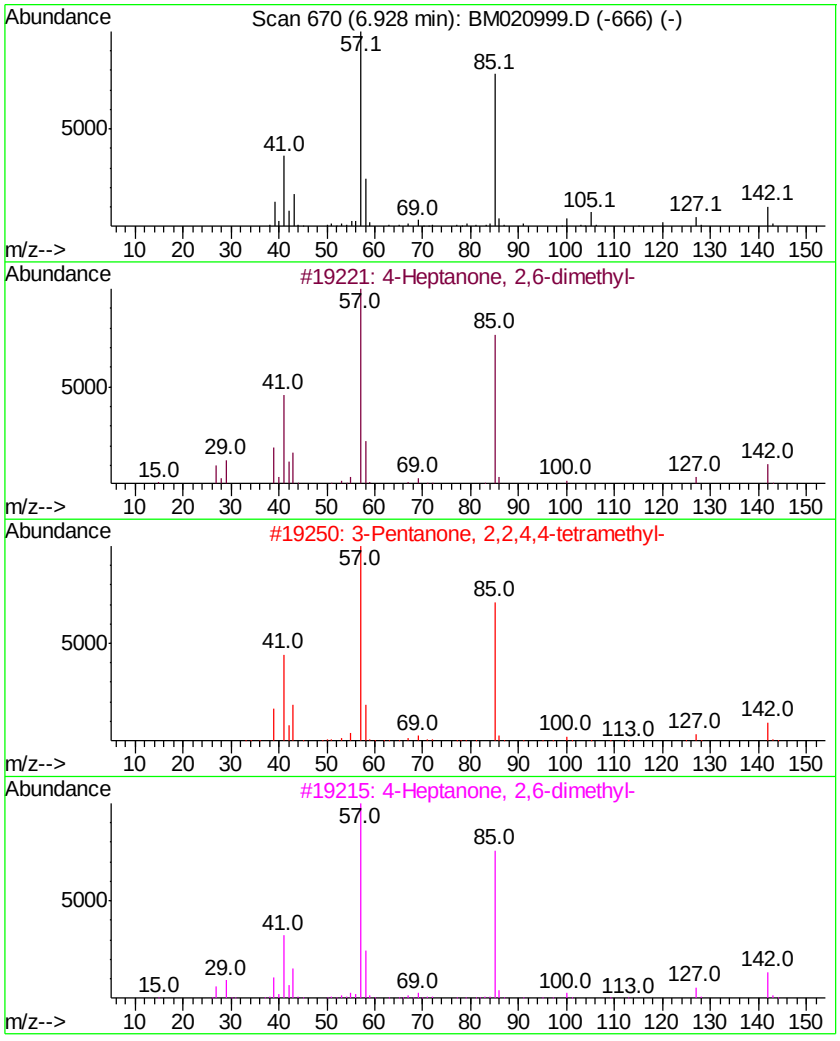
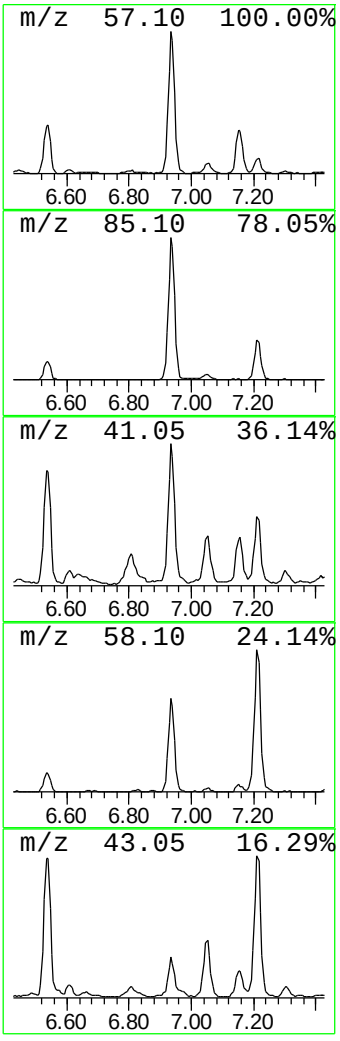
Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	9.88 ng/ul	660588	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	91
2	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	2,4-Heptanedione, 6-methyl-	142	C8H14O2	003002-23-1	53
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	50





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Operator : HP/JU
Sample : K3215-10DL2 30X
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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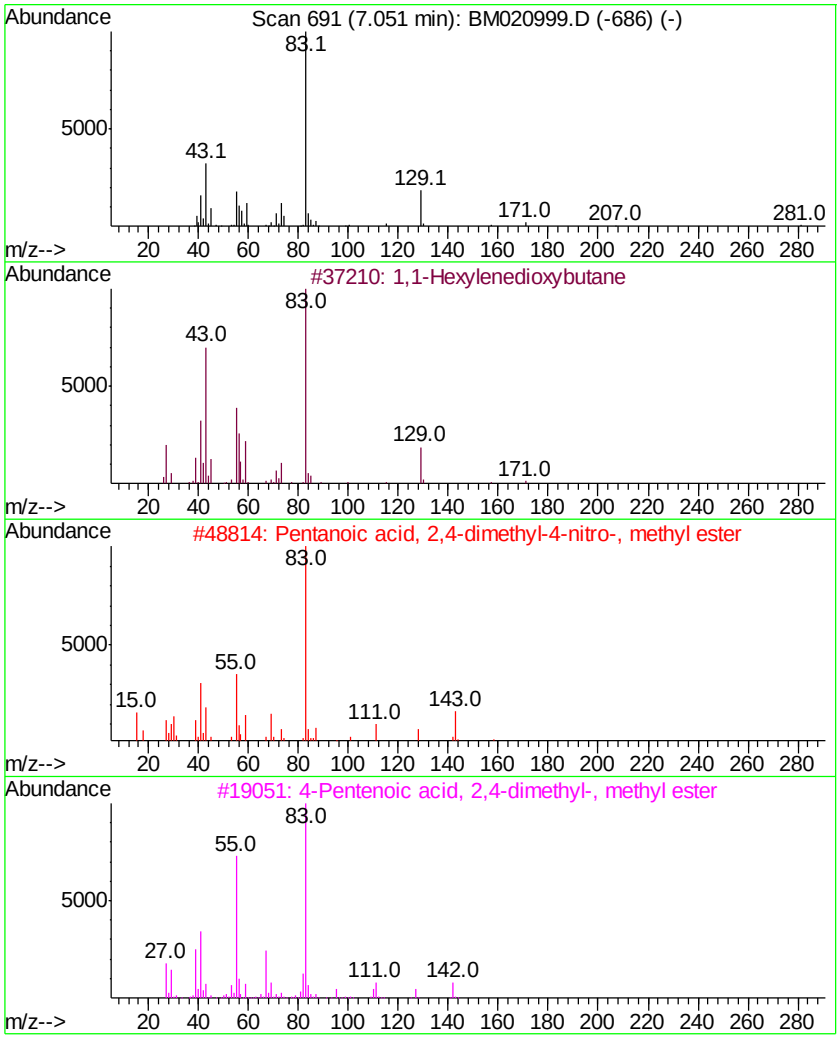
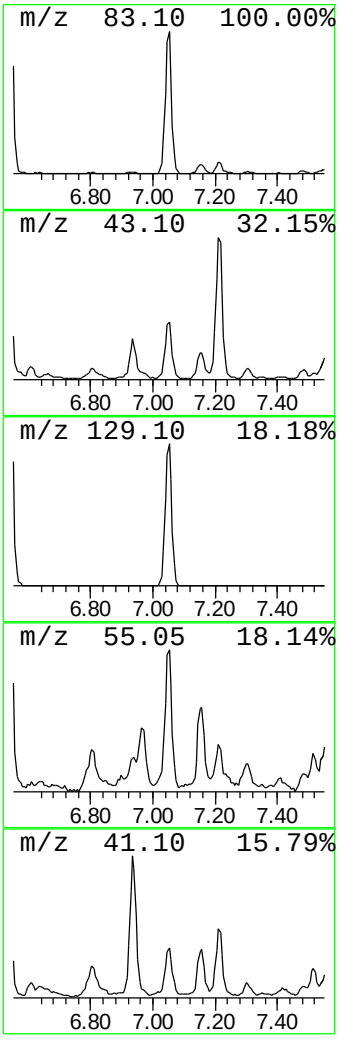
Peak Number 12 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	6.06 ng/ul	405113	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	47
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
3	4-Pentenoic acid, 2,4-dimethyl-,...	142	C8H14O2	034998-29-3	38
4	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33
5	2-Butynoic acid, 4-[(tetrahydro-...	198	C10H14O4	069511-49-5	28





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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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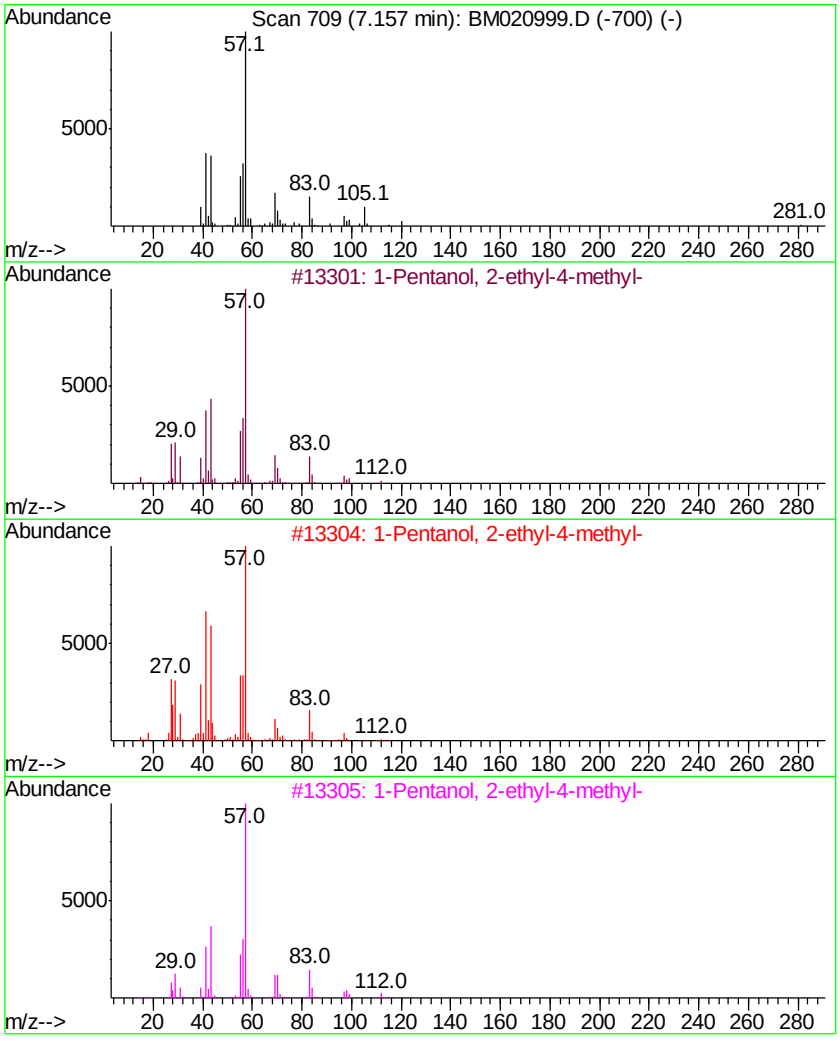
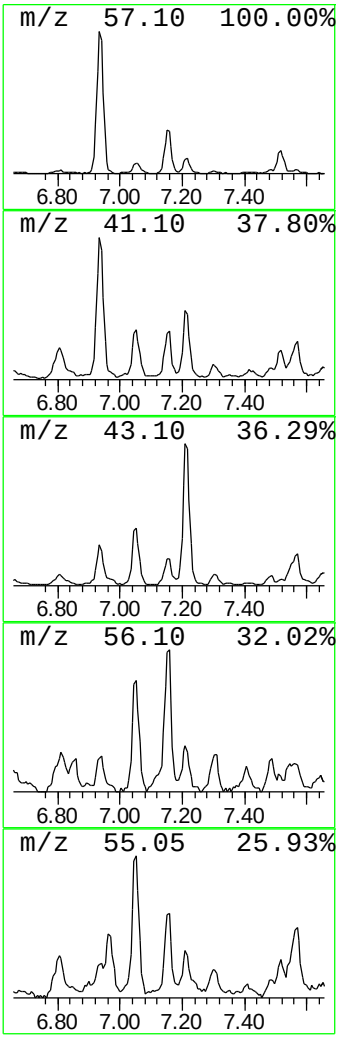
Peak Number 13 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	4.51 ng/ul	301888	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
4	2,2-Dimethylpropionic acid, trid...	284	C18H36O2	105859-93-6	40
5	Borinic acid, diethyl-	86	C4H11BO	004426-31-7	38





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Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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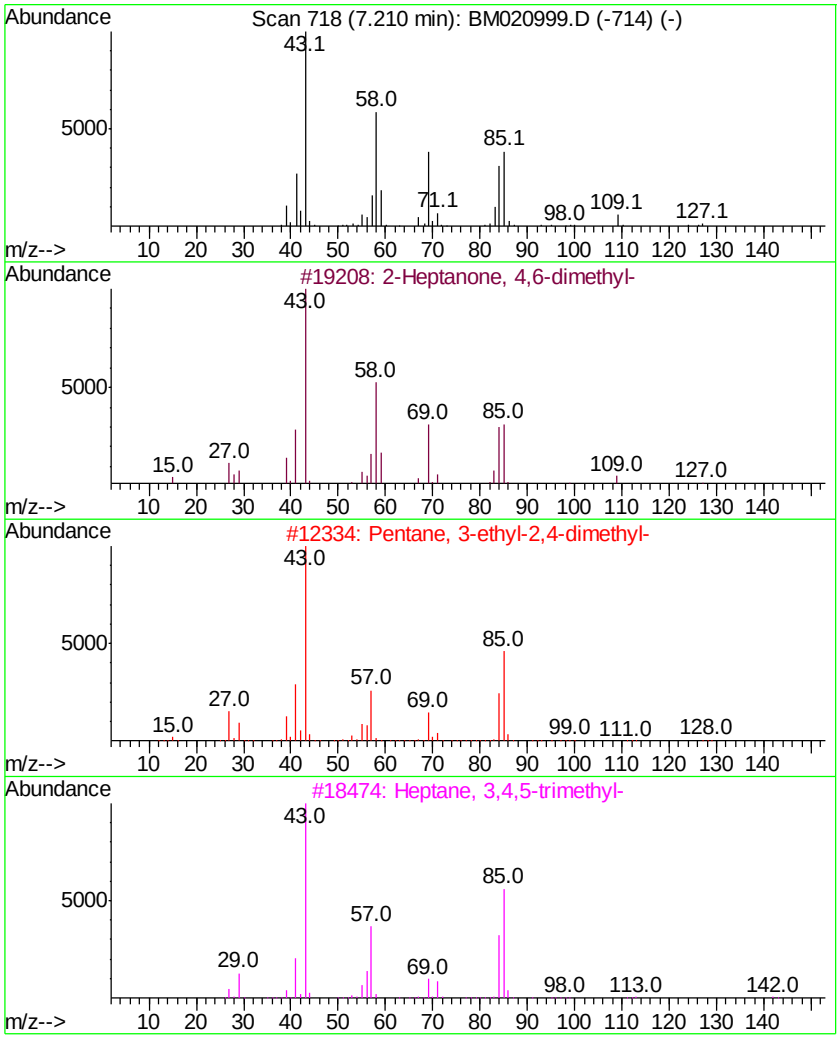
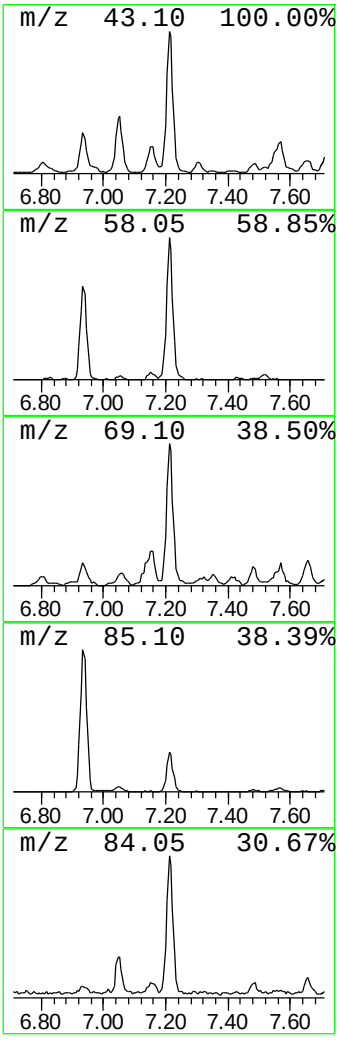
Peak Number 14 2-Heptanone, 4,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	7.00 ng/ul	468223	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	37
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	37





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Misc :
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ClientSampleId : DB8J4DL2

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

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

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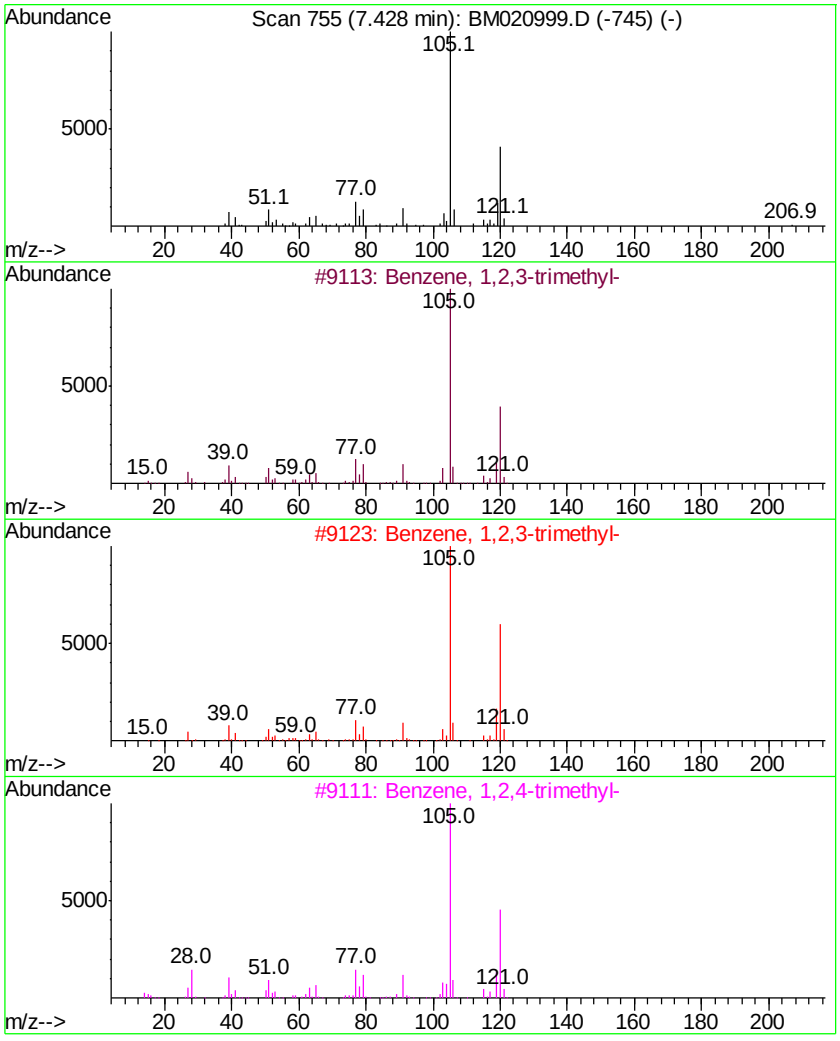
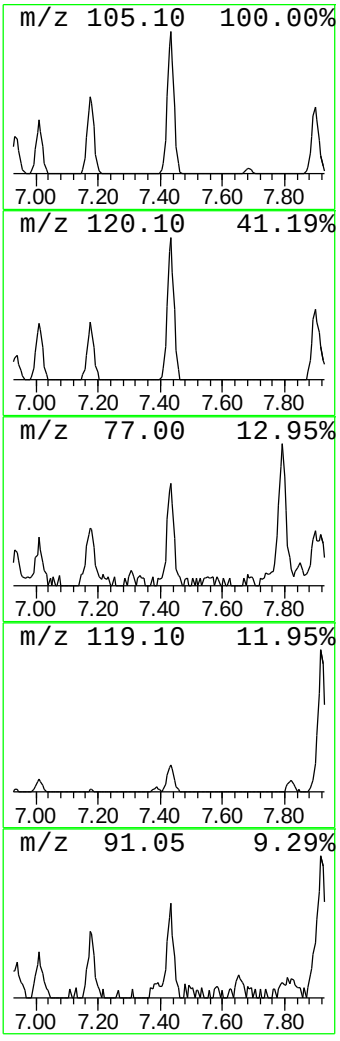
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.49 ng/ul	166612	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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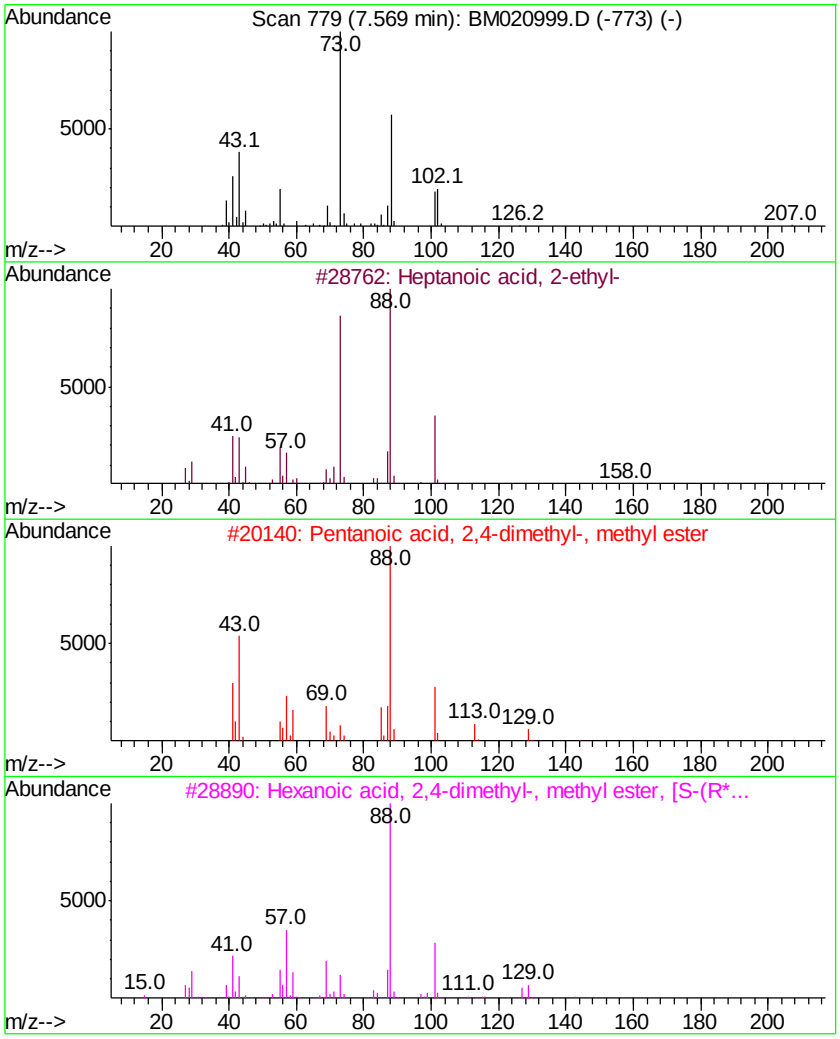
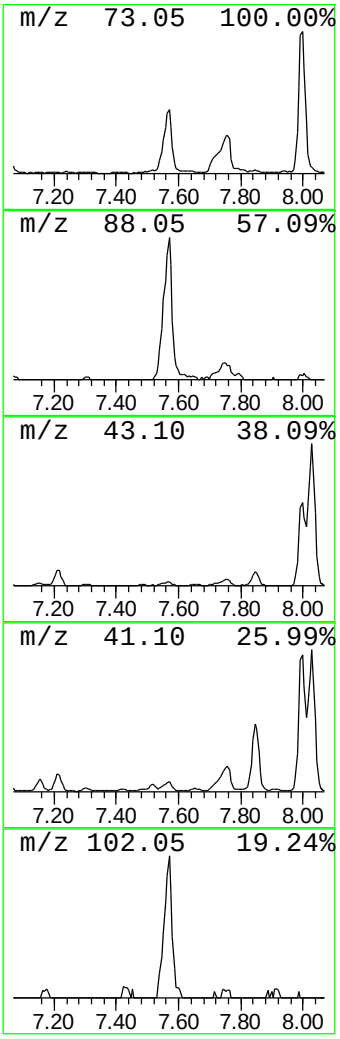
Peak Number 16 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	4.34 ng/ul	289878	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
2	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	32
3	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-45-7	28
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	25
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	25





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Quant Title : SVOA CALIBRATION

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

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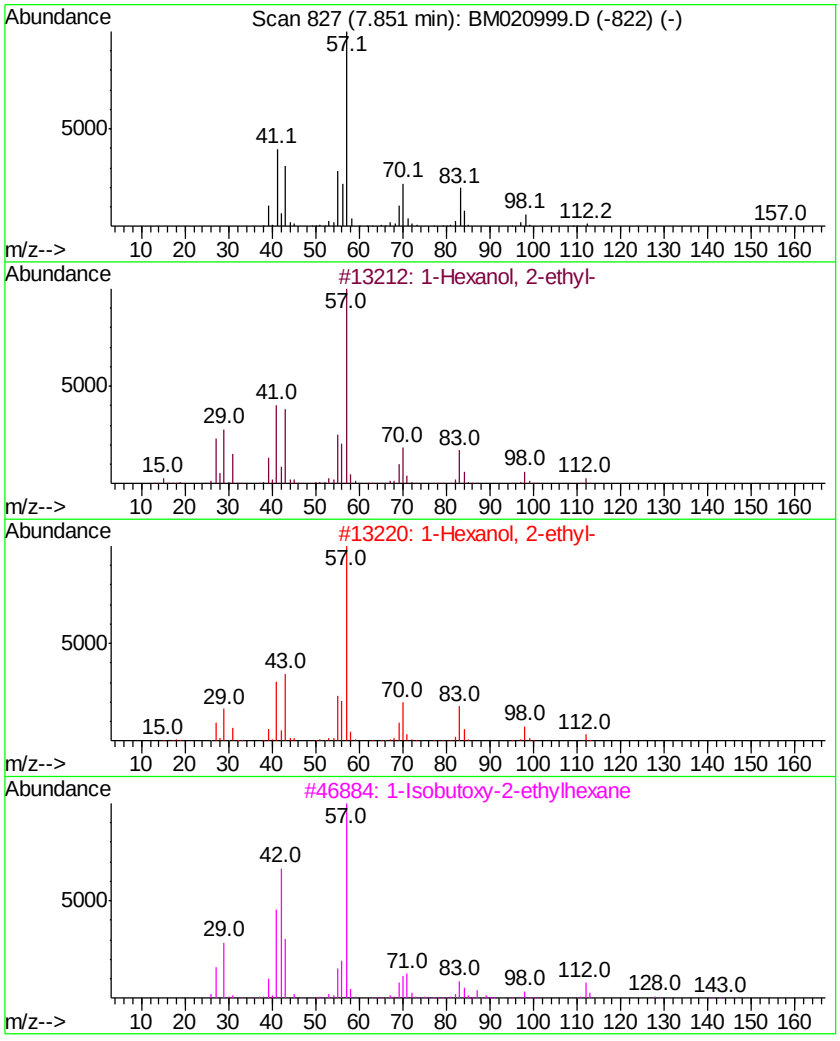
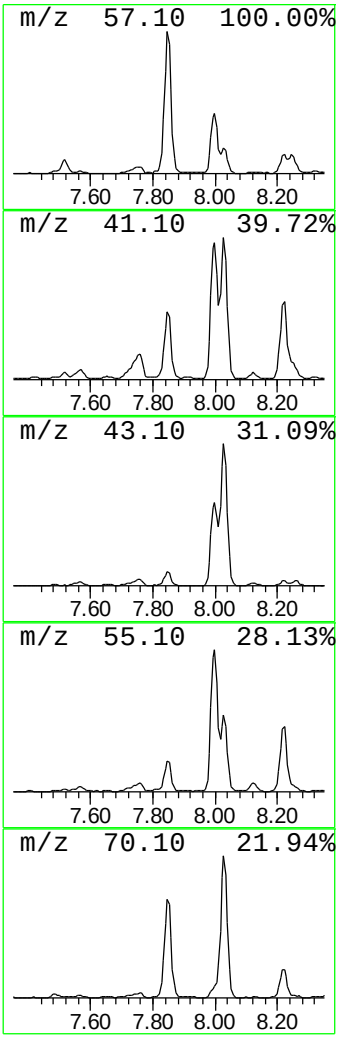
Peak Number 17 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	14.89 ng/ul	995352	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





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Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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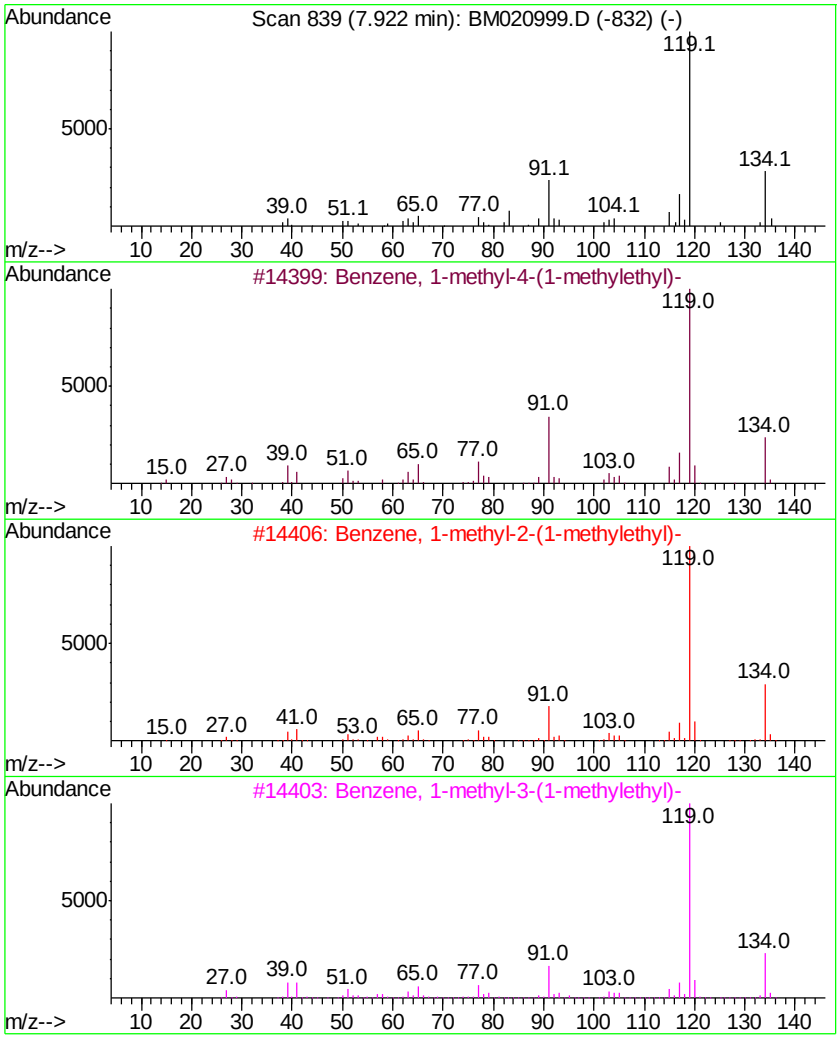
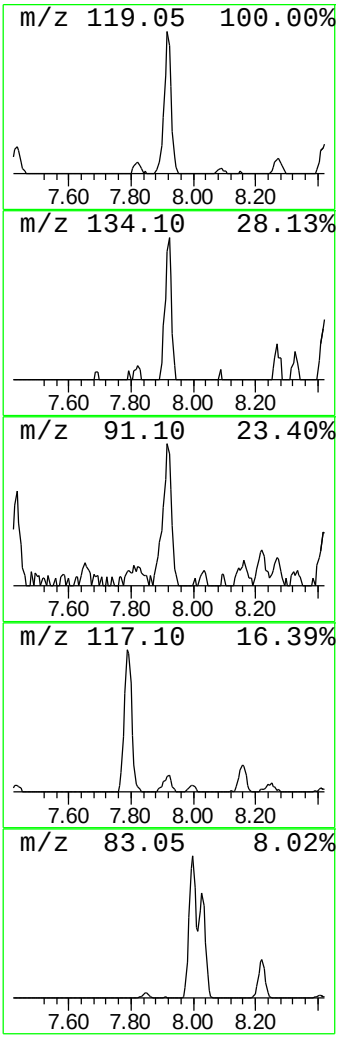
Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.39 ng/ul	159881	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	93
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

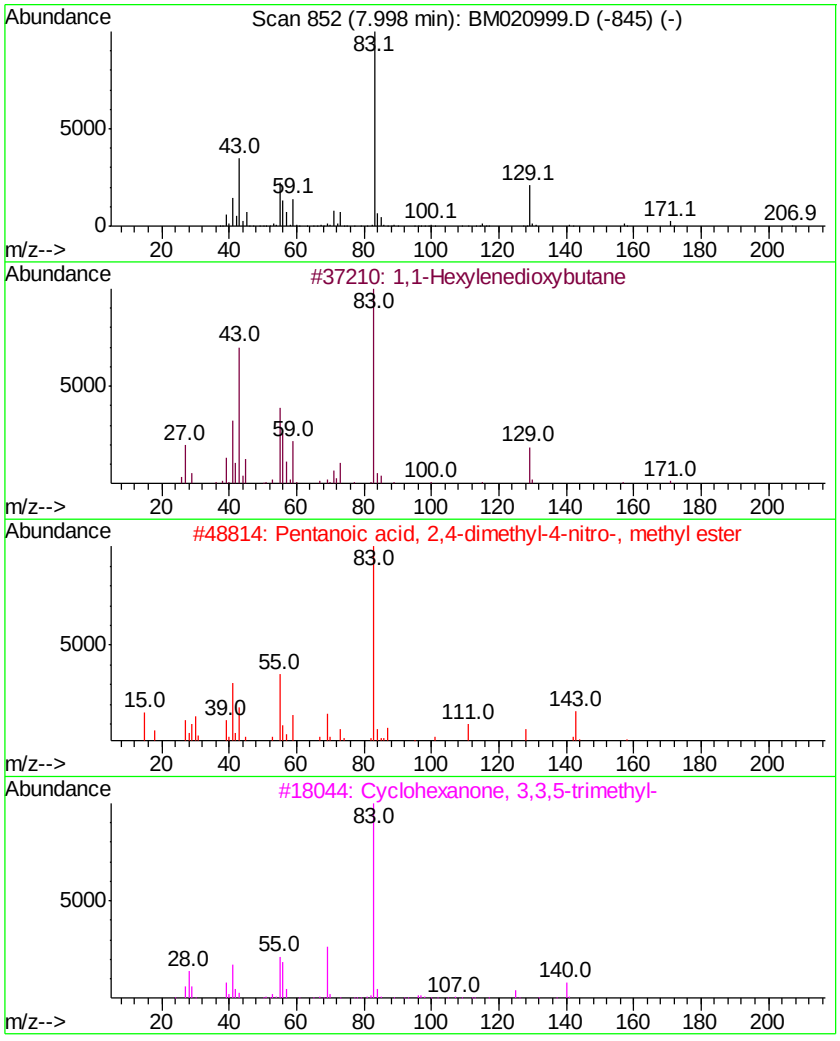
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

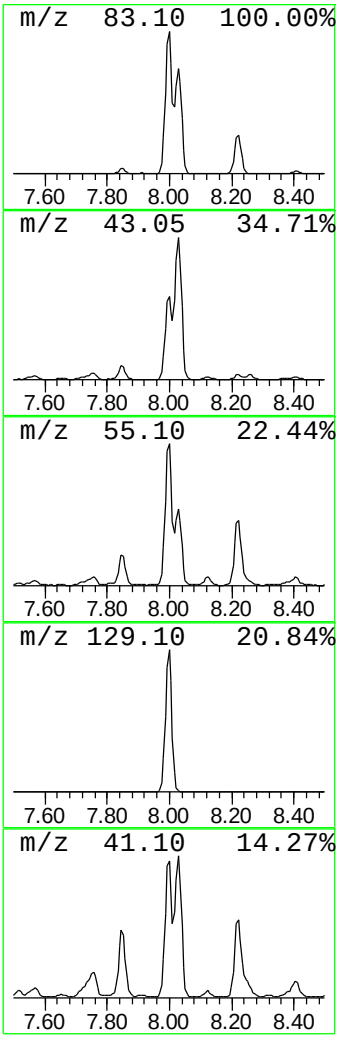
****

Peak Number 19 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	72.93 ng/ul	4876430	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
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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Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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

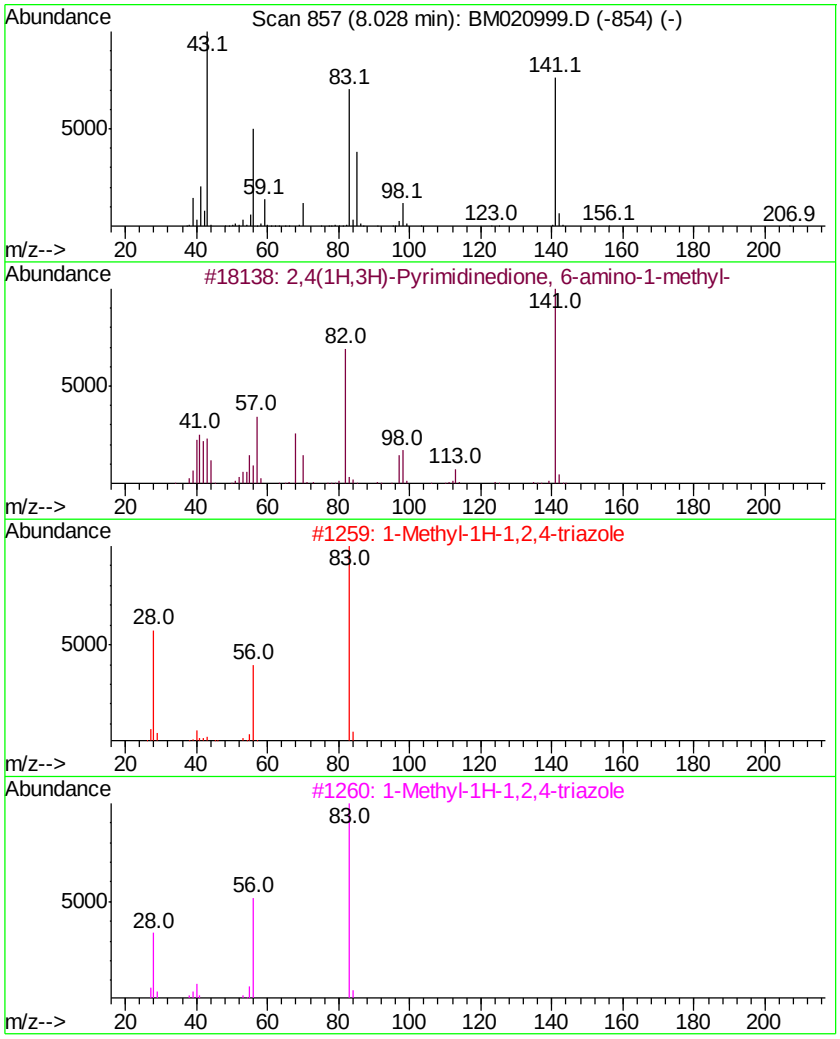
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

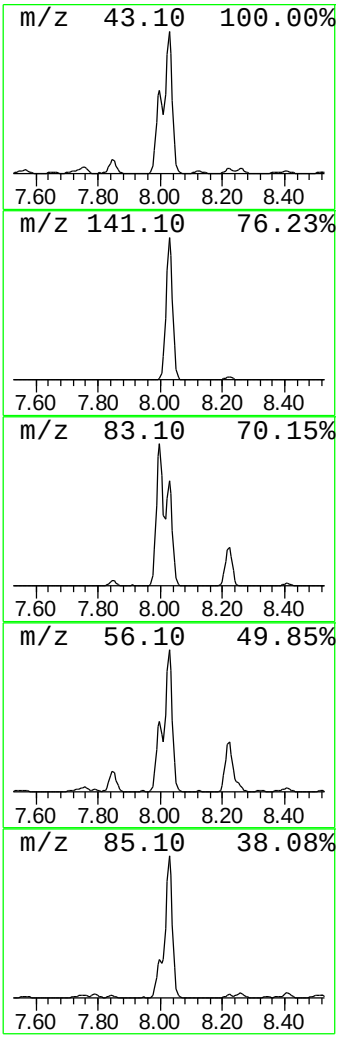
****

Peak Number 20 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	73.16 ng/ul	4892020	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 6-am...	141	C5H7N3O2	002434-53-9	12
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	12
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	10
4	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	10
5	3-Nonen-5-one	140	C9H16O	082456-34-6	9





Library Search Compound Report

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Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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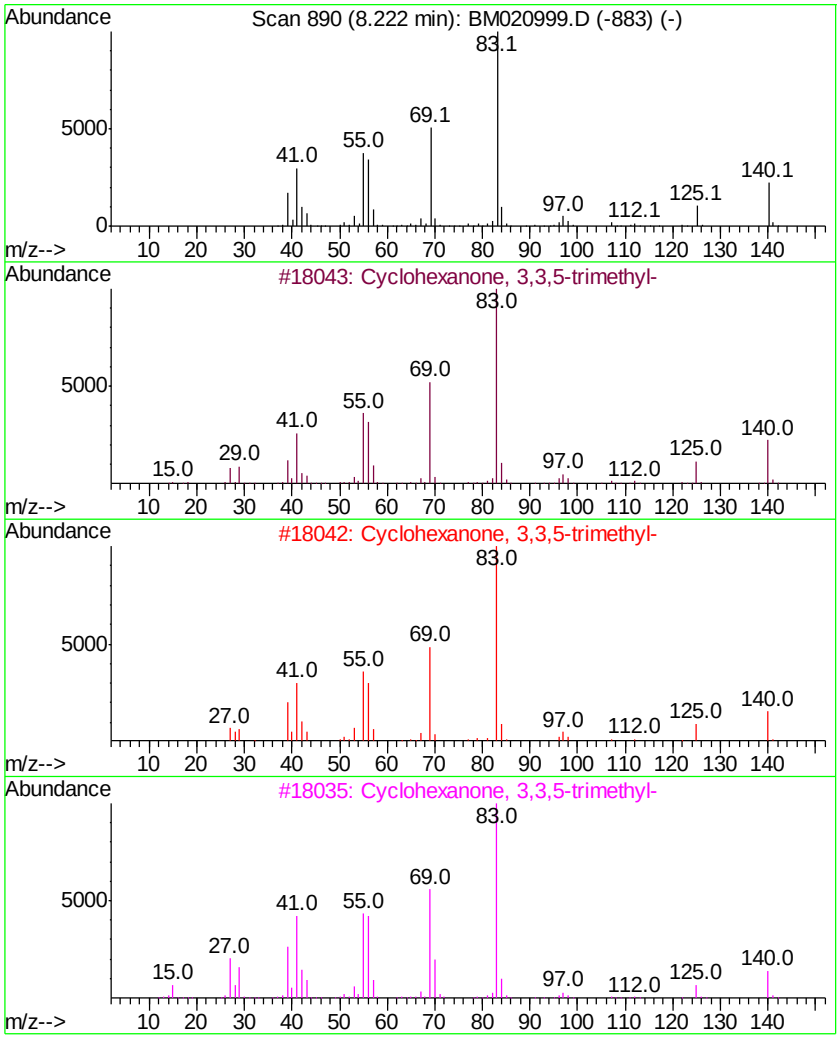
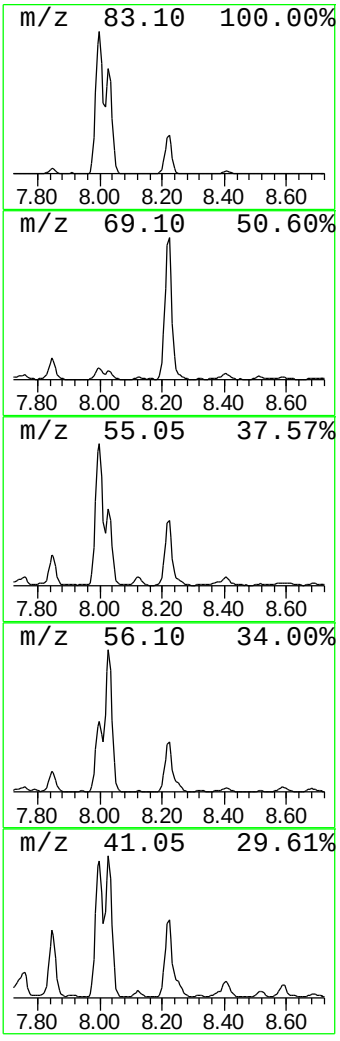
Peak Number 21 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	33.34 ng/ul	2229260	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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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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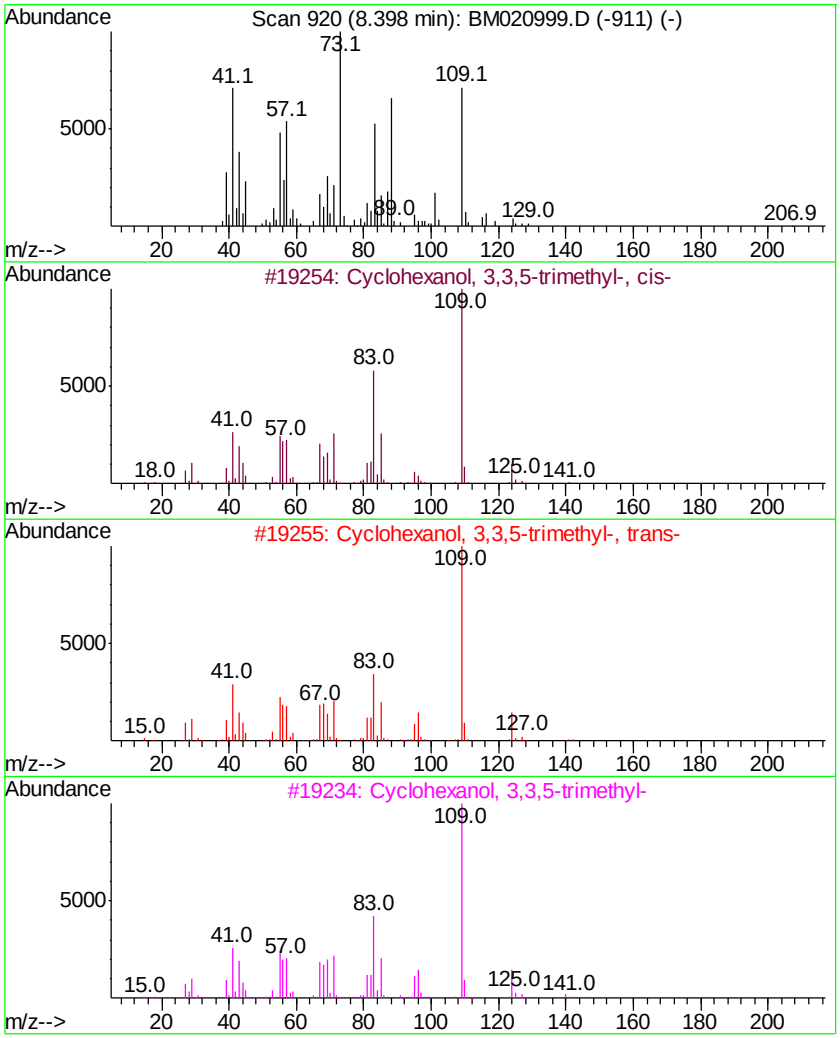
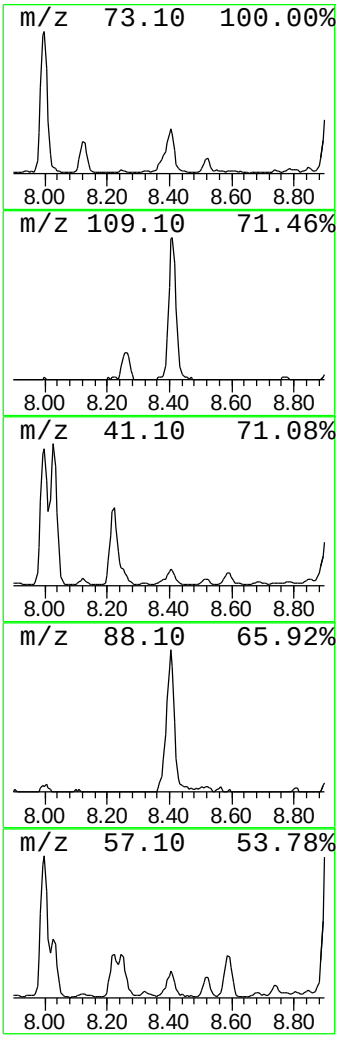
Peak Number 22 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	8.32 ng/ul	556073	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	58
2	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	43
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38
4	Allyltrivinylsilane	150	C9H14Si	115946-69-5	27
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	22





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Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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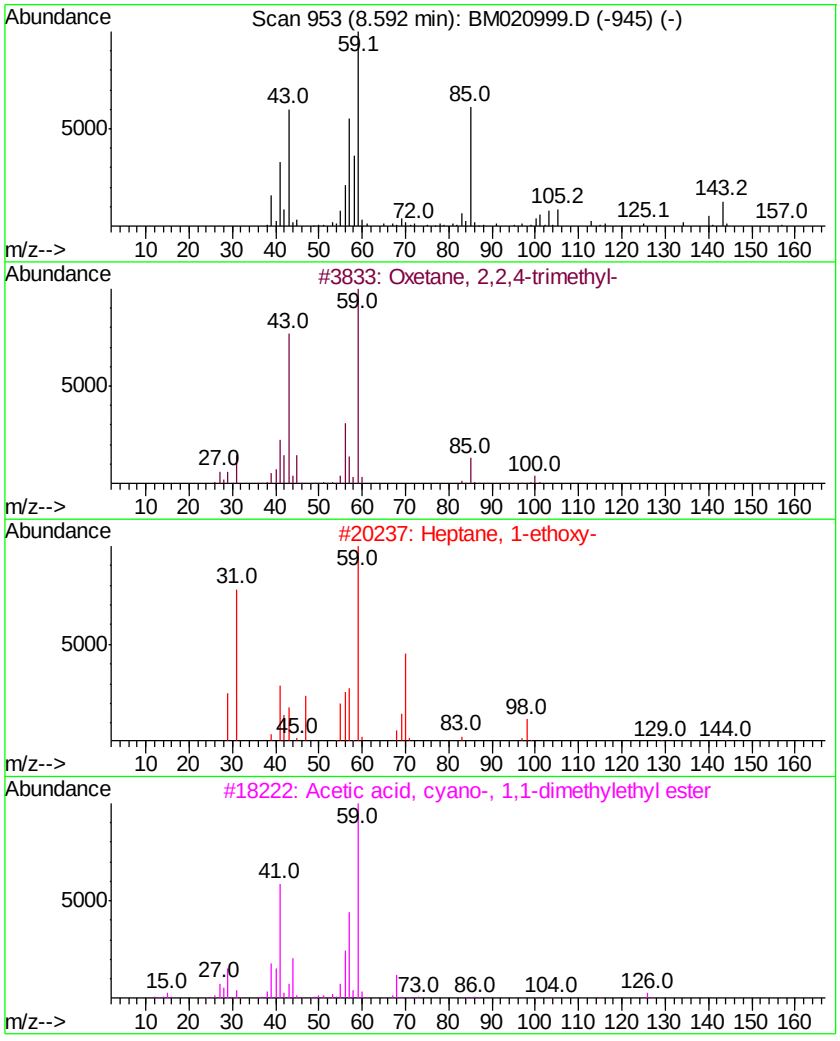
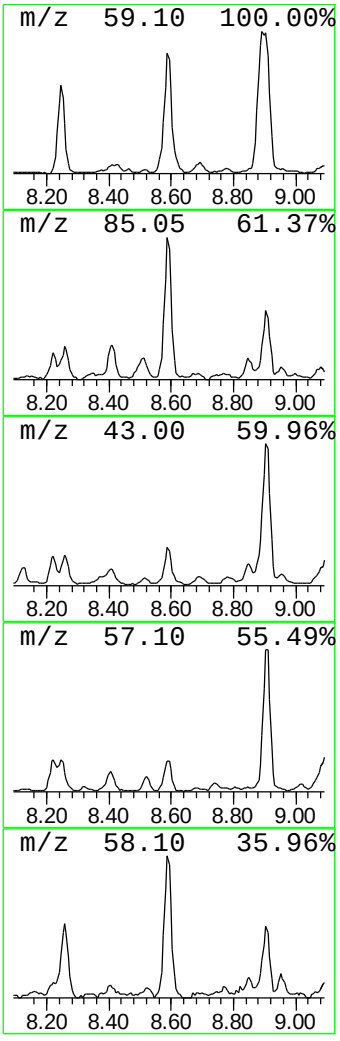
Peak Number 23 unknown-07 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.41 ng/ul	428893	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	43
2	Heptane, 1-ethoxy-	144	C9H20O	001969-43-3	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	35
5	5-Nonanone	142	C9H18O	000502-56-7	22





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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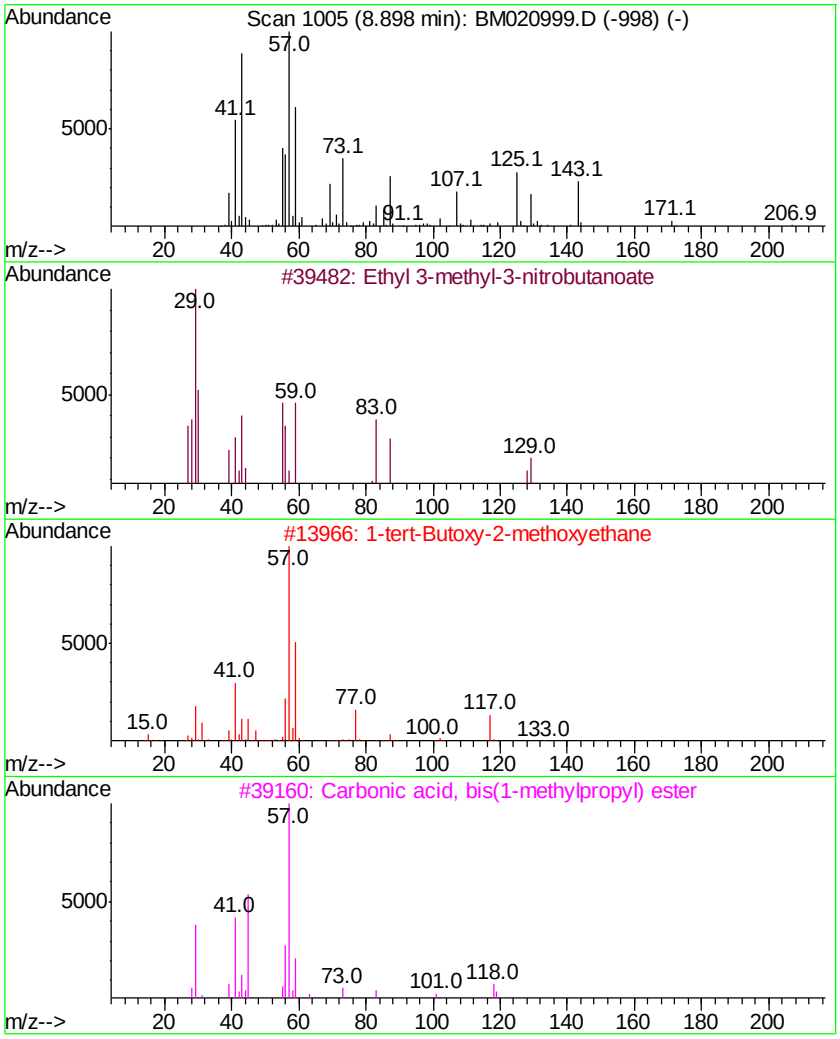
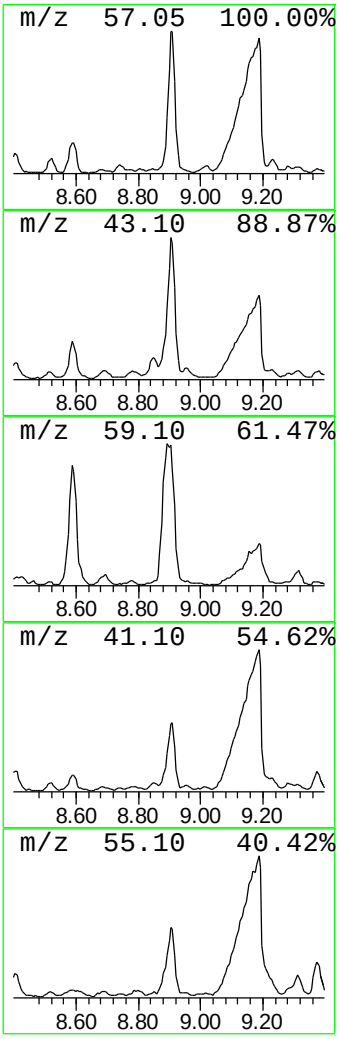
Peak Number 24 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	21.42 ng/ul	1432080	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3-methyl-3-nitrobutanoate	175	C7H13NO4	052856-07-2	23
2	1-tert-Butoxy-2-methoxyethane	132	C7H16O2	066728-50-5	12
3	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	12
4	Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	12
5	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	10





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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Quant Title : SVOA CALIBRATION

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

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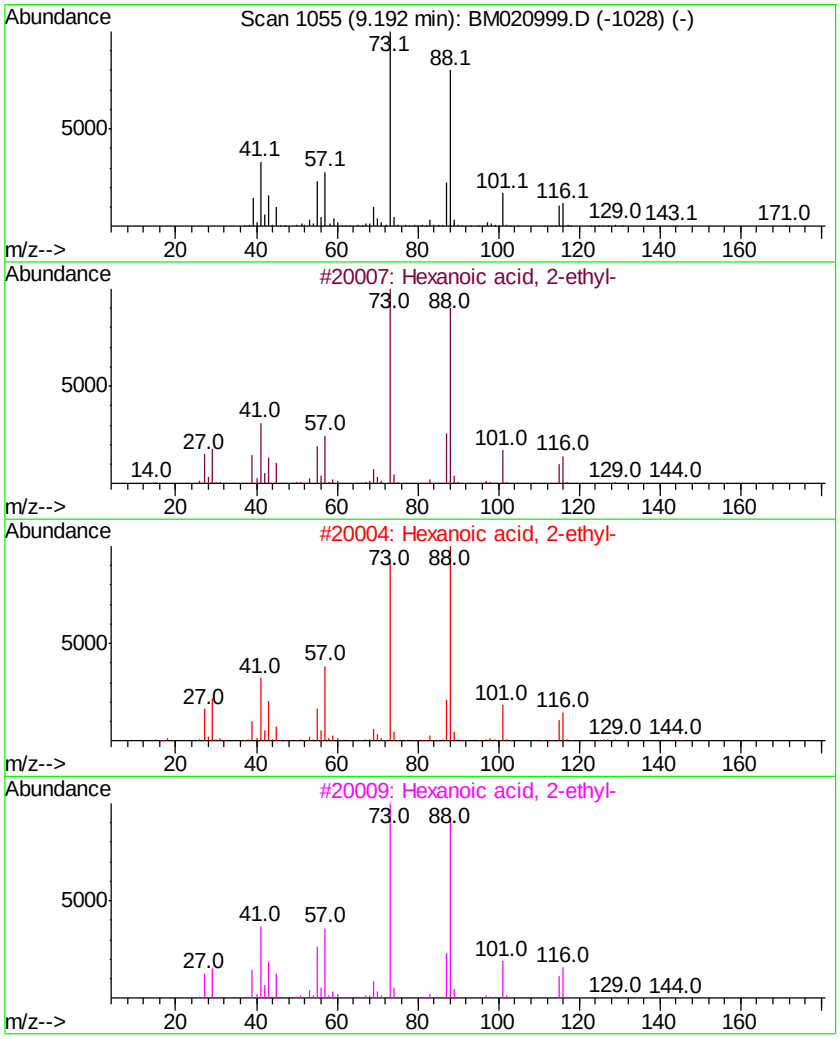
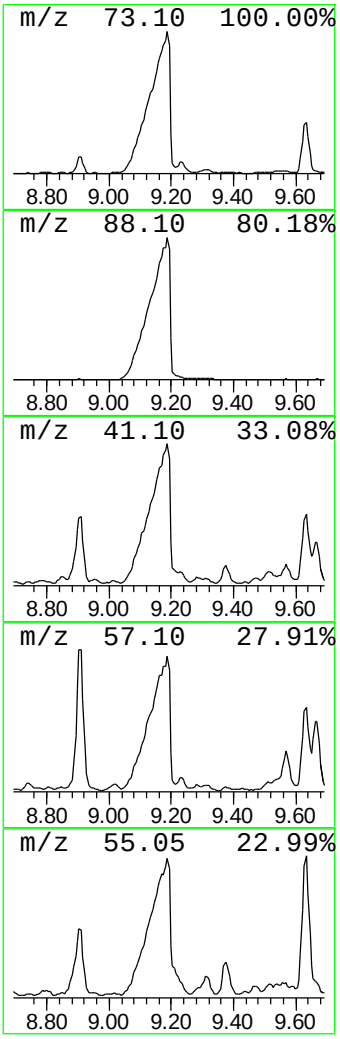
Peak Number 25 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	71.17 ng/ul	7764130	Naphthalene-d8	10.58

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	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53





Library Search Compound Report

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Data File : BM020999.D
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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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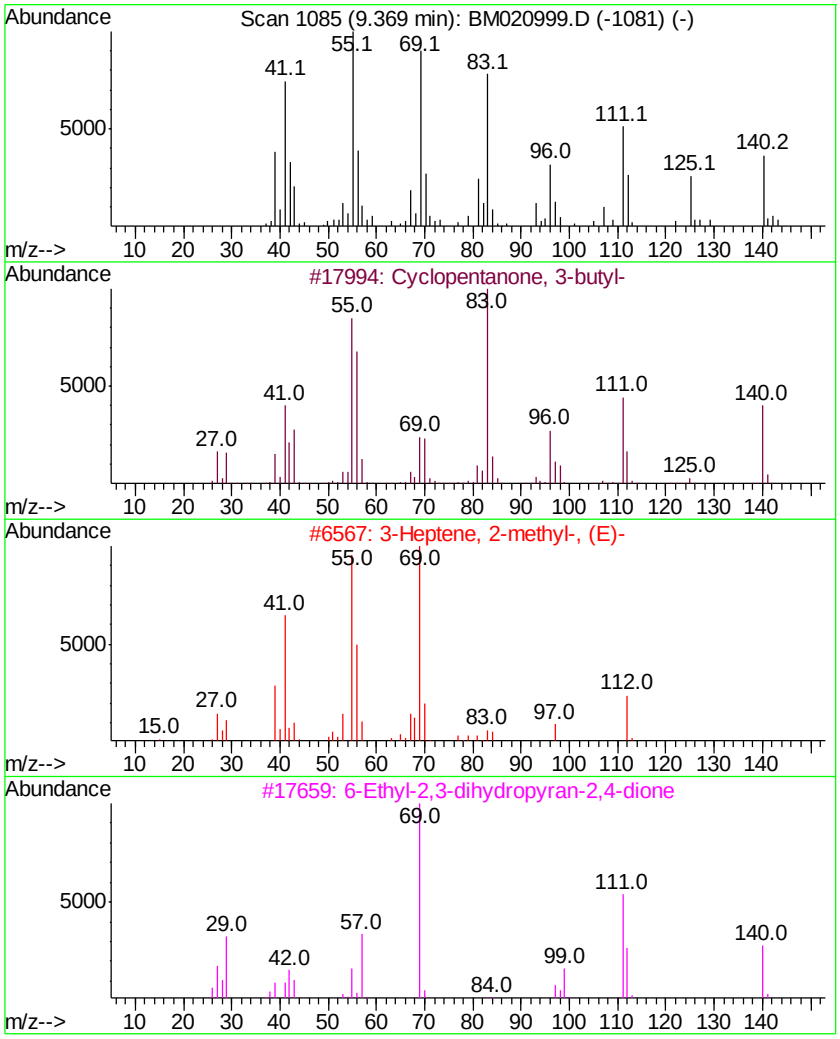
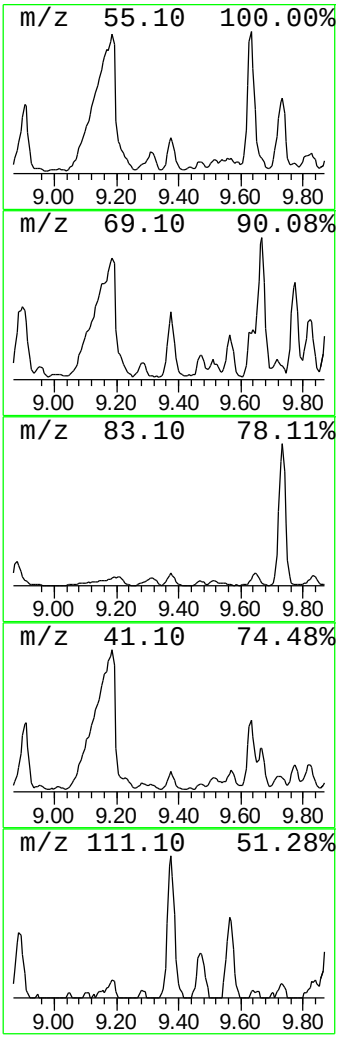
Peak Number 26 unknown-09 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.76 ng/ul	300986	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	49
2	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
3	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	45
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	41
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	38





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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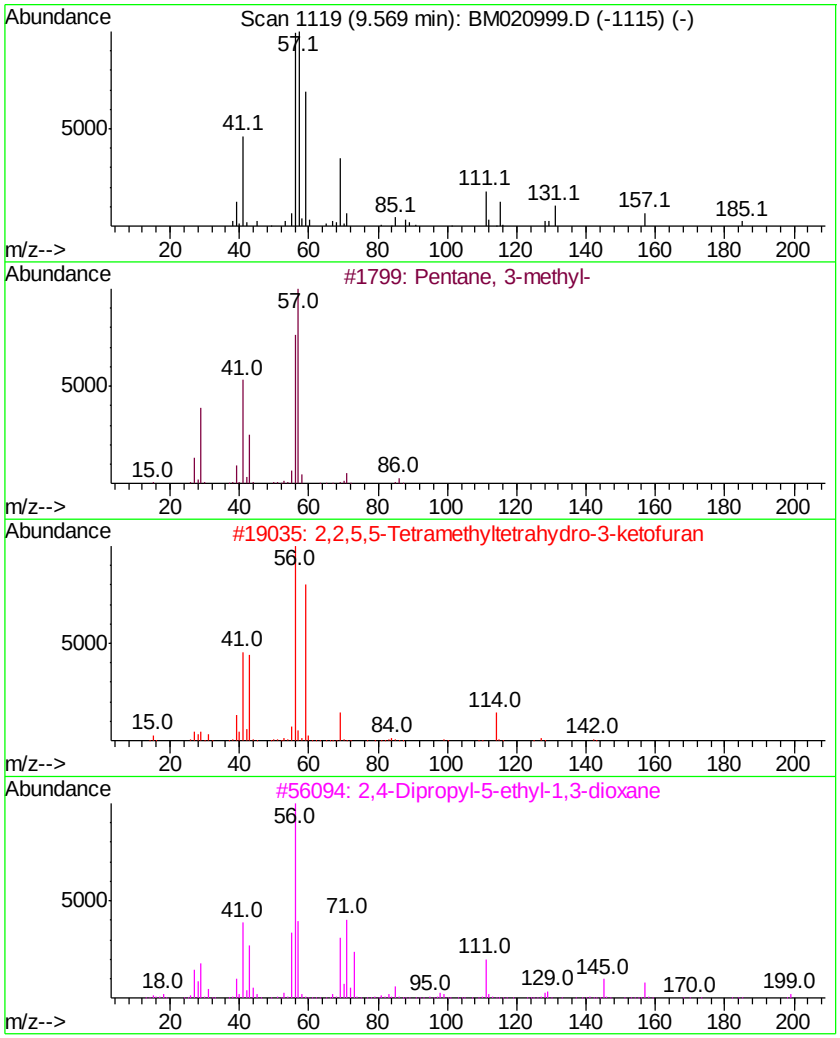
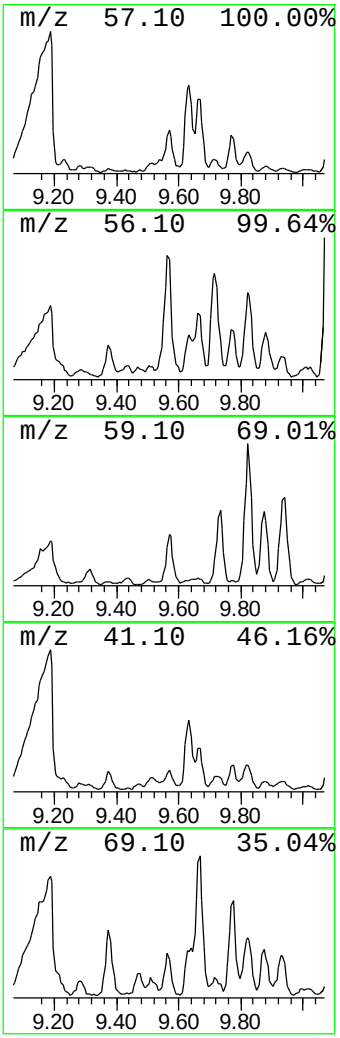
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.92 ng/ul	318781	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	38
2	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	36
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	23
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	23





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Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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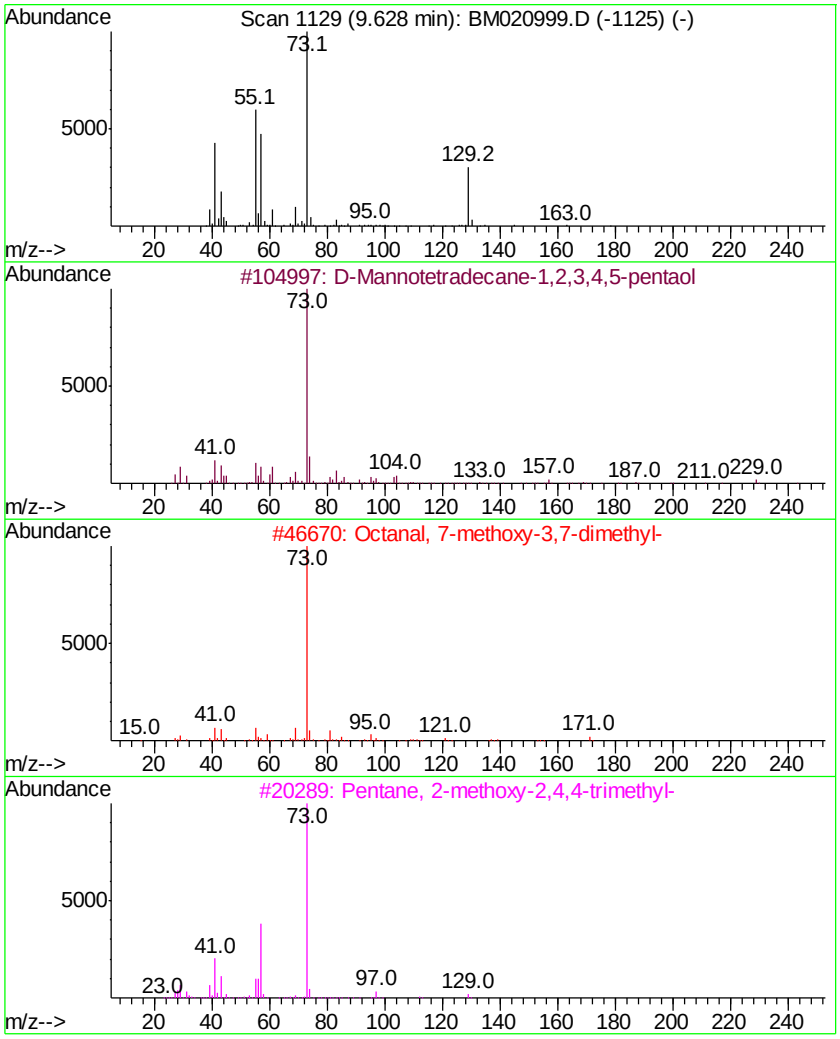
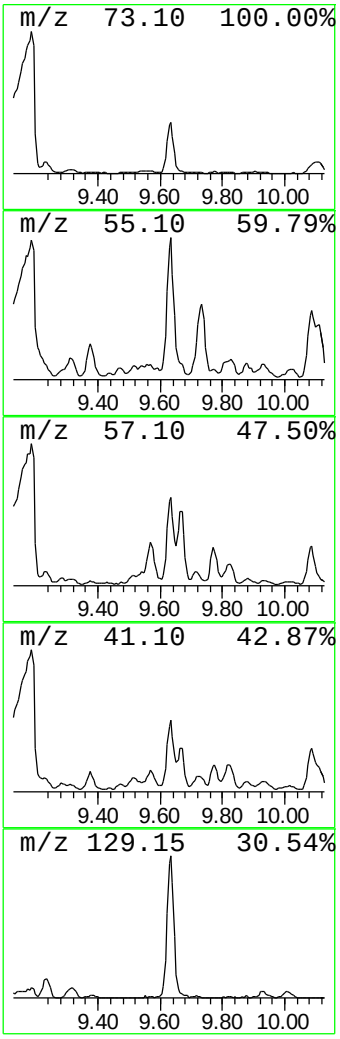
Peak Number 28 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	8.31 ng/ul	906735	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Mannotetradecane-1,2,3,4,5-pen...	278	C14H30O5	188436-16-0	23
2	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
3	Pentane, 2-methoxy-2,4,4-trimethyl-	144	C9H20O	062108-41-2	12
4	4-Heptanol	116	C7H16O	000589-55-9	9
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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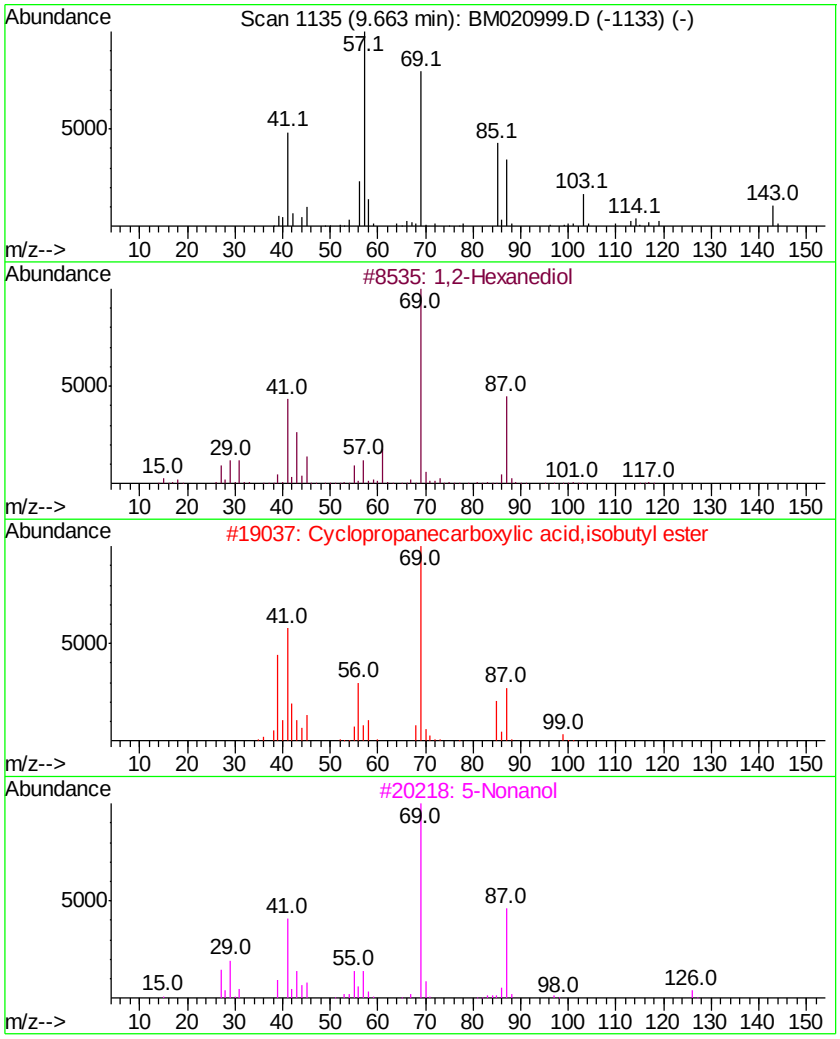
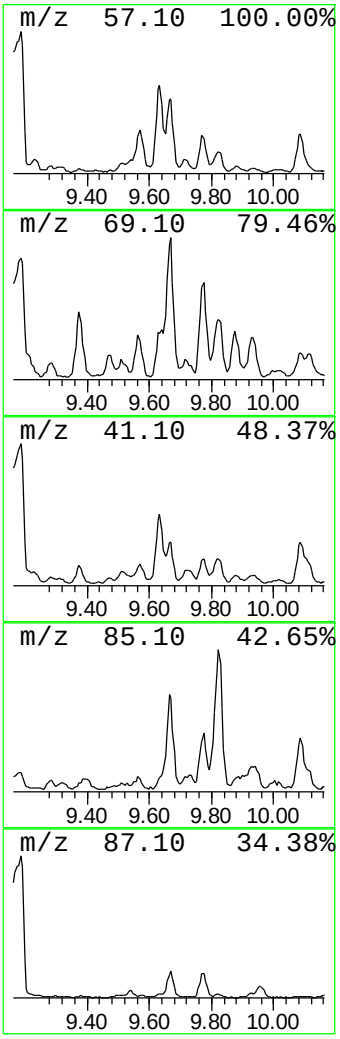
Peak Number 29 unknown-11 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	3.79 ng/ul	413456	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Hexanediol	118	C6H14O2	006920-22-5	38
2	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	33
3	5-Nonanol	144	C9H20O	000623-93-8	32
4	1,2-Hexanediol	118	C6H14O2	006920-22-5	32
5	2-Butenoic acid, hexyl ester	170	C10H18O2	019089-92-0	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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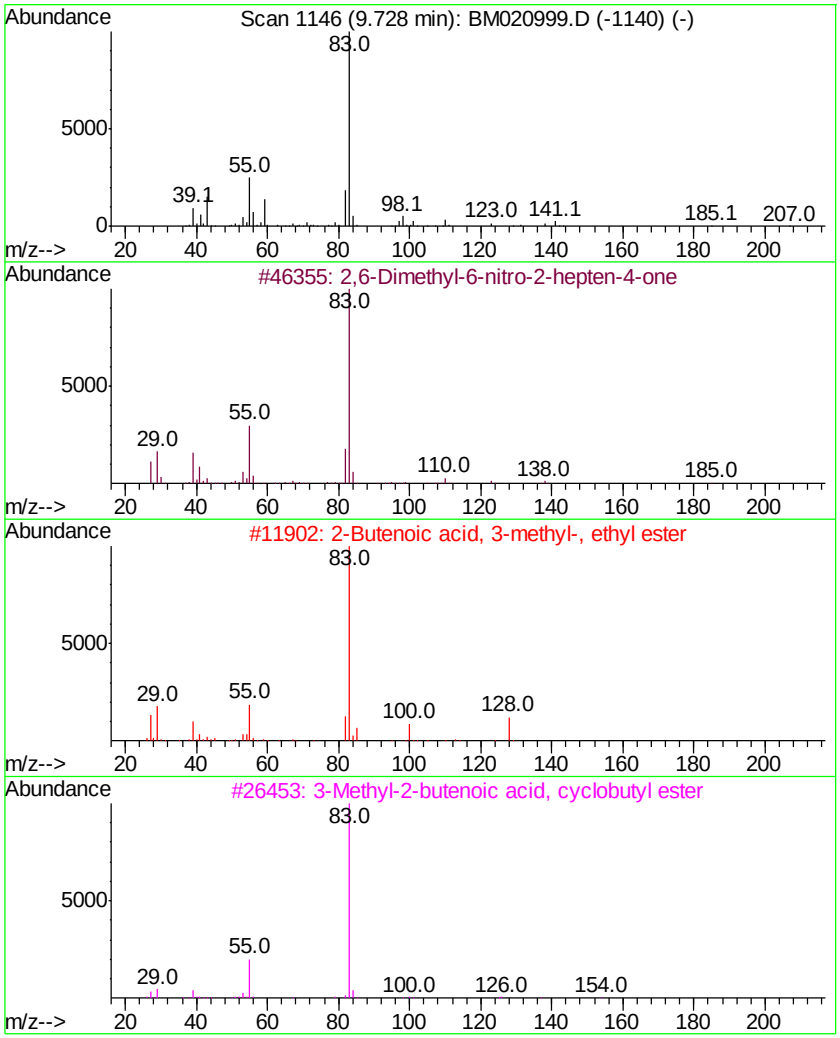
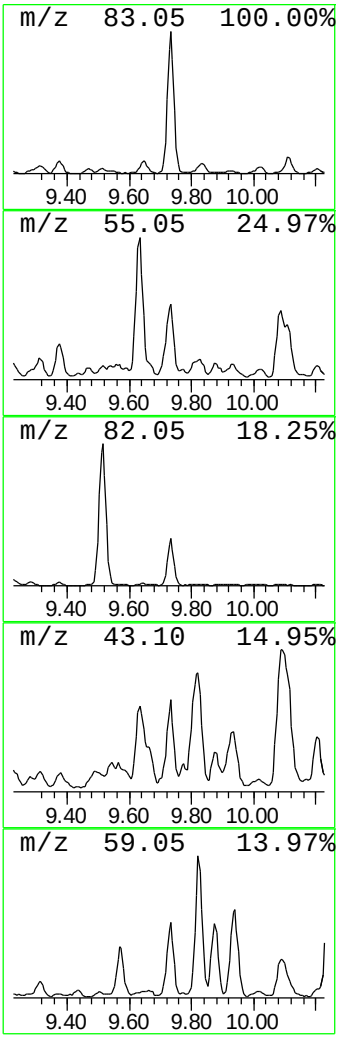
Peak Number 30 2,6-Dimethyl-6-nitro-2-hept... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	7.60 ng/ul	828802	Naphthalene-d8	10.58

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	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	38
3	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	36
4	Propanedinitrile, dicyclohexyl-	230	C15H22N2	074764-28-6	33
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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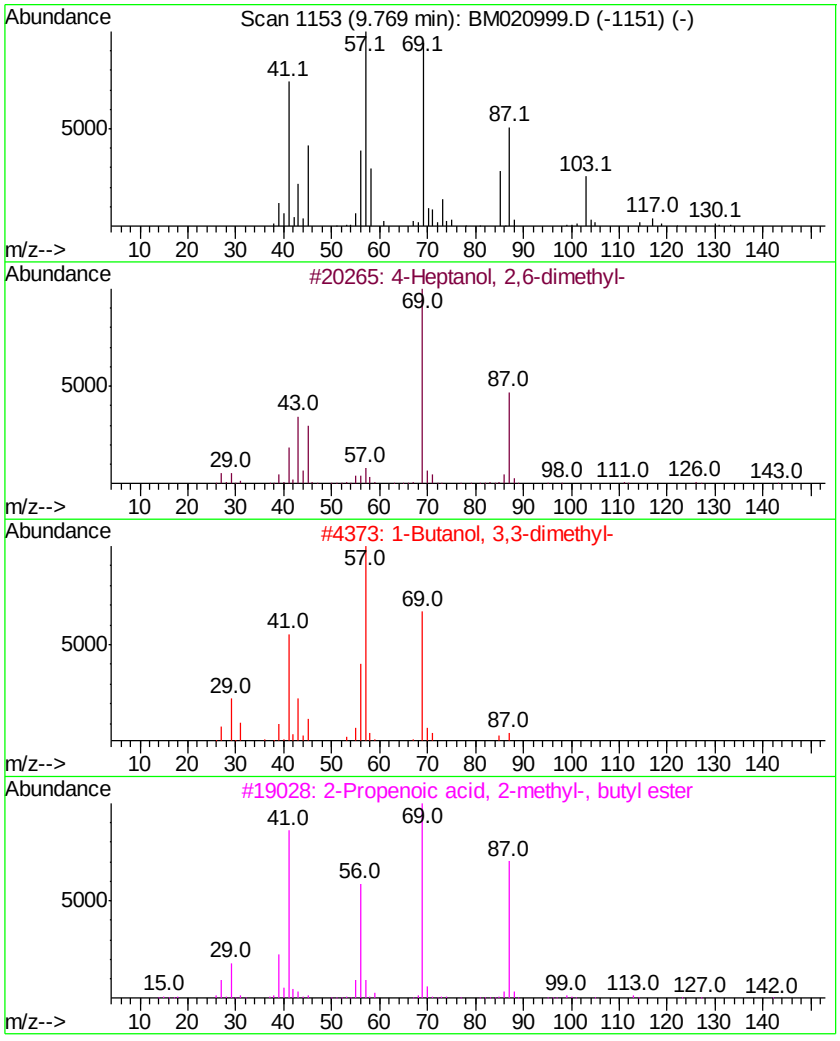
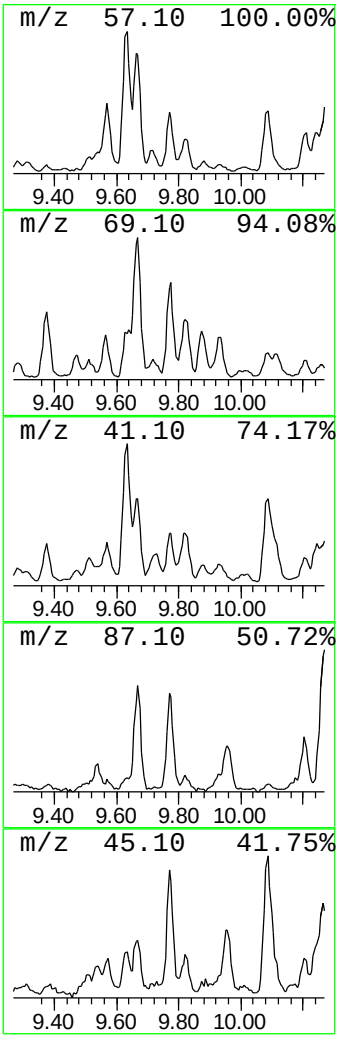
Peak Number 31 unknown-12 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.19 ng/ul	239393	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	47
2	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	47
3	2-Propenoic acid, 2-methyl-, but...	142	C8H14O2	000097-88-1	43
4	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	073545-15-0	43
5	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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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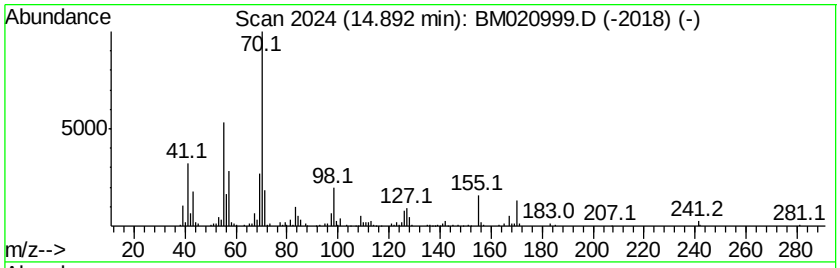
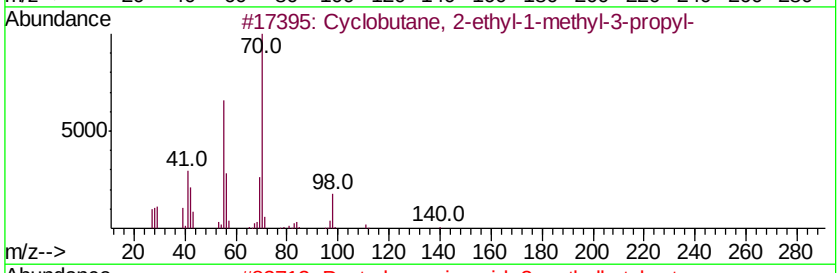
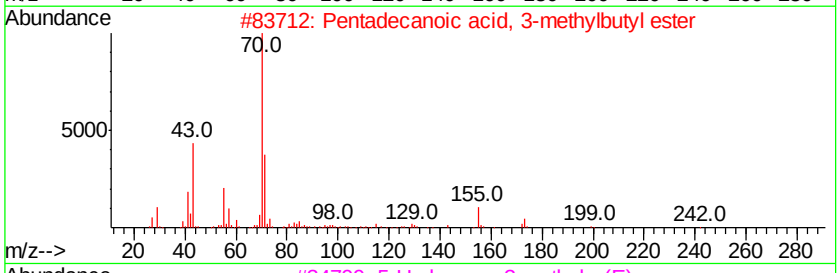
Peak Number 60 (DEL) Alkane: Cyclic14.89 Concentration Rank 45

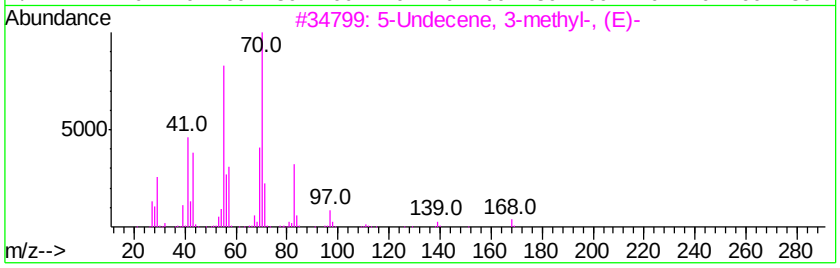
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.37 ng/ul	587562	Acenaphthene-d10	14.43

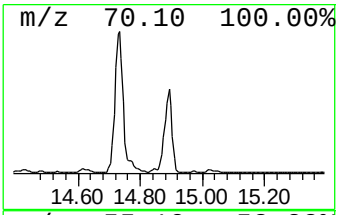
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	50
2	Pentadecanoic acid, 3-methylbutyl...	242	C15H30O2	002306-91-4	47
3	5-Undecene, 3-methyl-, (E)-	168	C12H24	074630-67-4	43
4	1-Azabicyclo[2.2.2]oct-3-ylamine #	126	C7H14N2	006238-14-8	43
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43

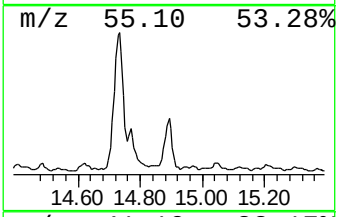


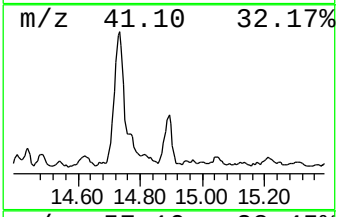


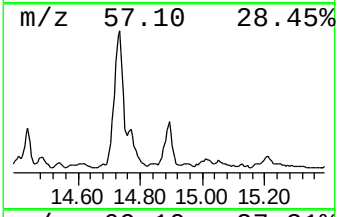


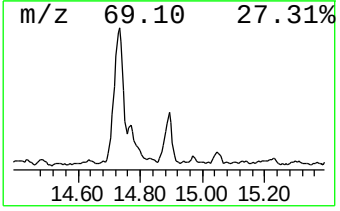












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020999.D
Acq On : 18 Jun 2019 03:50
Operator : HP/JU
Sample : K3215-10DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J4DL2

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
Butanoic acid	3.94	7.9	ng/ul	526910	1	7.79	1337310	20.0
3-Pentanone, 2,4-...	4.27	6.8	ng/ul	451936	1	7.79	1337310	20.0
unknown-01	4.93	8.1	ng/ul	538044	1	7.79	1337310	20.0
1,3-Dioxan-4-one,...	5.38	4.1	ng/ul	272672	1	7.79	1337310	20.0
unknown-02	5.66	2.0	ng/ul	134769	1	7.79	1337310	20.0
Hexylene Glycol	6.13	7.8	ng/ul	519622	1	7.79	1337310	20.0
Hexane, 1-propoxy-	6.29	4.2	ng/ul	281204	1	7.79	1337310	20.0
1,1-Hexylenedioxy...	6.54	15.3	ng/ul	1023290	1	7.79	1337310	20.0
Hexanoic acid	6.80	3.7	ng/ul	248849	1	7.79	1337310	20.0
4-Heptanone, 2,6-...	6.93	9.9	ng/ul	660588	1	7.79	1337310	20.0
unknown-03	7.05	6.1	ng/ul	405113	1	7.79	1337310	20.0
1-Pentanol, 2-eth...	7.16	4.5	ng/ul	301888	1	7.79	1337310	20.0
2-Heptanone, 4,6-...	7.21	7.0	ng/ul	468223	1	7.79	1337310	20.0
Benzene, 1,2,3-tr...	7.43	2.5	ng/ul	166612	1	7.79	1337310	20.0
unknown-04	7.57	4.3	ng/ul	289878	1	7.79	1337310	20.0
1-Hexanol, 2-ethyl-	7.85	14.9	ng/ul	995352	1	7.79	1337310	20.0
Benzene, 1-methyl...	7.92	2.4	ng/ul	159881	1	7.79	1337310	20.0
unknown-05	8.00	72.9	ng/ul	4876430	1	7.79	1337310	20.0
unknown-06	8.03	73.2	ng/ul	4892020	1	7.79	1337310	20.0
Cyclohexanone, 3,...	8.22	33.3	ng/ul	2229260	1	7.79	1337310	20.0
Cyclohexanol, 3,3...	8.40	8.3	ng/ul	556073	1	7.79	1337310	20.0
unknown-07	8.59	6.4	ng/ul	428893	1	7.79	1337310	20.0
unknown-08	8.90	21.4	ng/ul	1432080	1	7.79	1337310	20.0
Hexanoic acid, 2-...	9.19	71.2	ng/ul	7764130	2	10.58	2181960	20.0
unknown-09	9.37	2.8	ng/ul	300986	2	10.58	2181960	20.0
(DEL) Alkane: Str...	9.57	2.9	ng/ul	318781	2	10.58	2181960	20.0
unknown-10	9.63	8.3	ng/ul	906735	2	10.58	2181960	20.0
unknown-11	9.66	3.8	ng/ul	413456	2	10.58	2181960	20.0
2,6-Dimethyl-6-ni...	9.73	7.6	ng/ul	828802	2	10.58	2181960	20.0
unknown-12	9.77	2.2	ng/ul	239393	2	10.58	2181960	20.0
(DEL) Alkane: Cyc...	14.89	3.4	ng/ul	587562	3	14.43	3484990	20.0