LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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	3.587	94	102	105	rBV	127425	262831	2.11%	0.196%
2	3.628	105	109	117	rVB	247231	331671	2.66%	0.248%
3	3.993	150	171	173	rVV	422832	1565780	12.55%	1.169%
4	4.269	214	218	225	rVV	420305	606205	4.86%	0.452%
5	4.340	225	230	240	rVB	574977	858807	6.88%	0.641%
6	4.928	324	330	340	rVB2	1282070	2119908	16.99%	1.582%
7	5.381	401	407	414	rVV2	384899	576713	4.62%	0.430%
8	5.663	448	455	458	rVV2	211767	382690	3.07%	0.286%
9	5.699	458	461	466	rVV	183938	281686	2.26%	0.210%
10	5.857	484	488	502	rVB	183123	309249	2.48%	0.231%
11	6.128	528	534	539	rBV	890896	1445973	11.59%	1.079%
12	6.199	540	546	549	rVV	297869	715148	5.73%	0.534%
13	6.234	549	552	557	rVV2	251894	370248	2.97%	0.276%
14	6.293	557	562	573	rVB	559115	927799	7.44%	0.692%
15	6.534	598	603	612	rBV	727926	1074497	8.61%	0.802%
16	6.846	637	656	659	rBV2	311024	890474	7.14%	0.665%
17	6.934	666	671	677	rVV	447127	688207	5.52%	0.514%
18	7.052	687	691	695	rVV	237398	381396	3.06%	0.285%
19	7.157	702	709	714	rVV2	281112	563711	4.52%	0.421%
20	7.210	714	718	728	rVB	455864	706844	5.66%	0.528%
21	7.304	728	734	741	rBV2	136665	224740	1.80%	0.168%
22	7.434	746	756	761	rBV	152693	261097	2.09%	0.195%
23	7.593	774	783	788	rVB	248459	534344	4.28%	0.399%
24	7.793	798	817	822	rBV2	1391675	3418036	27.39%	2.551%
25	7.851	822	827	833	rVB	1973811	2968835	23.79%	2.216%
26	7.999	846	852	854	rBV	3253962	4691484	37.60%	3.501%
27	8.028	854	857	867	rVB	5071431	7719501	61.87%	5.761%
28	8.122	867	873	884	rVB	305235	514058	4.12%	0.384%
29	8.222	884	890	904	rBV2	1306088	2674548	21.43%	1.996%
30	8.399	912	920	921	rBV5	141271	275093	2.20%	0.205%
31	8.593	945	953	964	rVB	682830	1163155	9.32%	0.868%
32	8.846	991	996	999	rVV	228791	345373	2.77%	0.258%
33	8.904	999	1006	1011	rVV3	895774	1814297	14.54%	1.354%
34	8.951	1011	1014	1022	rVV	137288	229274	1.84%	0.171%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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	9.216	1030	1059	1068	rBV	2408094	11382753	91.23%	8.495%
36	9.375	1081	1086	1098	rBV6	150102	312850	2.51%	0.233%
37	9.516	1104	1110	1116	rVV	724281	1279059	10.25%	0.955%
38	9.634	1125	1130	1134	rVV	1435419	2415299	19.36%	1.803%
39	9.669	1134	1136	1141	rVV	788396	993558	7.96%	0.742%
40	9.734	1141	1147	1151	rVV	1639334	2617814	20.98%	1.954%
41	9.775	1151	1154	1159	rVV	519856	737942	5.91%	0.551%
42	9.828	1159	1163	1168	rVB2	270594	404617	3.24%	0.302%
43	9.928	1174	1180	1190	rVB8	138739	399431	3.20%	0.298%
44	10.087	1201	1207	1217	rBV3	486651	1142341	9.16%	0.853%
45	10.204	1217	1227	1232	rBV	294054	494552	3.96%	0.369%
46	10.275	1232	1239	1245	rVV6	156914	346275	2.78%	0.258%
47	10.345	1246	1251	1262	rVB	991906	1616617	12.96%	1.207%
48	10.463	1262	1271	1276	rBV2	1470934	2531670	20.29%	1.889%
49	10.516	1276	1280	1285	rVV	440140	664139	5.32%	0.496%
50	10.581	1285	1291	1296	rVV	1198641	2027687	16.25%	1.513%
51	10.651	1296	1303	1308	rVB2	383789	659012	5.28%	0.492%
52	10.792	1322	1327	1330	rBV	137812	232906	1.87%	0.174%
53	10.851	1333	1337	1340	rVV2	262371	407894	3.27%	0.304%
54	10.881	1340	1342	1346	rVB	236104	269959	2.16%	0.201%
55	10.934	1346	1351	1356	rBV3	235076	466419	3.74%	0.348%
56	11.057	1367	1372	1379	rVV2	134480	250427	2.01%	0.187%
57	11.198	1388	1396	1407	rVB2	430689	779144	6.24%	0.582%
58	11.498	1437	1447	1461	rBV3	601515	1486373	11.91%	1.109%
59	11.704	1476	1482	1486	rBV3	240524	482886	3.87%	0.360%
60	11.757	1486	1491	1498	rVB	528326	897095	7.19%	0.670%
61	11.834	1498	1504	1510	rVB	130550	208866	1.67%	0.156%
62	11.922	1515	1519	1524	rBV	156379	239120	1.92%	0.178%
63	12.116	1543	1552	1559	rBV2	347196	661217	5.30%	0.493%
64	12.292	1577	1582	1585	rBV2	172264	269137	2.16%	0.201%
65	12.357	1585	1593	1598	rBV2	790158	1492072	11.96%	1.114%
66	12.410	1598	1602	1607	rVB2	124979	213871	1.71%	0.160%
67	12.516	1614	1620	1629	rBV3	217349	374679	3.00%	0.280%
68	12.669	1640	1646	1649	rBV	168570	246888	1.98%	0.184%
69	12.716	1649	1654	1661	rVV2	644870	1105592	8.86%	0.825%
70	12.834	1670	1674	1685	rVB	547676	878970	7.04%	0.656%
71	12.934	1685	1691	1697	rBV4	147028	316610	2.54%	0.236%

LSC Area Percent Report

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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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	13.081	1710	1716	1721	rVV2	321960	478358	3.83%	0.357%
73	13.134	1721	1725	1727	rVV	196216	274829	2.20%	0.205%
74	13.169	1727	1731	1739	rVB	811855	1201200	9.63%	0.897%
75	13.269	1740	1748	1756	rBV4	182904	408642	3.27%	0.305%
76	13.375	1756	1766	1771	rBV2	867783	1894767	15.19%	1.414%
77	13.445	1775	1778	1788	rVB2	134928	321407	2.58%	0.240%
78	13.622	1801	1808	1814	rVV10	74604	246885	1.98%	0.184%
79	13.686	1814	1819	1829	rVB	1236034	1866764	14.96%	1.393%
80	13.786	1831	1836	1842	rVV6	126524	230522	1.85%	0.172%
81	13.969	1863	1867	1874	rVB	363198	497587	3.99%	0.371%
82	14.192	1898	1905	1909	rVV3	241821	532570	4.27%	0.397%
83	14.428	1937	1945	1951	rBV2	2049838	3199773	25.64%	2.388%
84	14.645	1970	1982	1986	rBV5	277379	890570	7.14%	0.665%
85	14.733	1989	1997	2001	rBV3	1339152	3080919	24.69%	2.299%
86	14.816	2009	2011	2018	rVB4	149923	268823	2.15%	0.201%
87	14.886	2018	2023	2029	rVB3	242402	444115	3.56%	0.331%
88	14.992	2032	2041	2047	rBV6	126701	420158	3.37%	0.314%
89	15.057	2047	2052	2057	rVB	776217	1158906	9.29%	0.865%
90	15.180	2069	2073	2077	rBV2	156636	237723	1.91%	0.177%
91	15.557	2132	2137	2143	rVV	1276878	1816931	14.56%	1.356%
92	15.898	2190	2195	2208	rVB7	127132	274216	2.20%	0.205%
93	16.204	2238	2247	2250	rBV	461704	711826	5.70%	0.531%
94	16.245	2250	2254	2261	rVB	2421796	3396670	27.22%	2.535%
95	16.827	2346	2353	2364	rBV	8645730	12477619	100.00%	9.313%
96	17.174	2406	2412	2421	rBV2	2805754	4072795	32.64%	3.040%
97	17.527	2468	2472	2484	rVB	595110	1162867	9.32%	0.868%
98	19.110	2736	2741	2749	rBV2	253683	381289	3.06%	0.285%
99	21.351	3117	3122	3133	rBV	3752614	4761879	38.16%	3.554%
100	23.627	3503	3509	3517	rVB2	2167819	4077071	32.68%	3.043%

Sum of corrected areas: 133987094

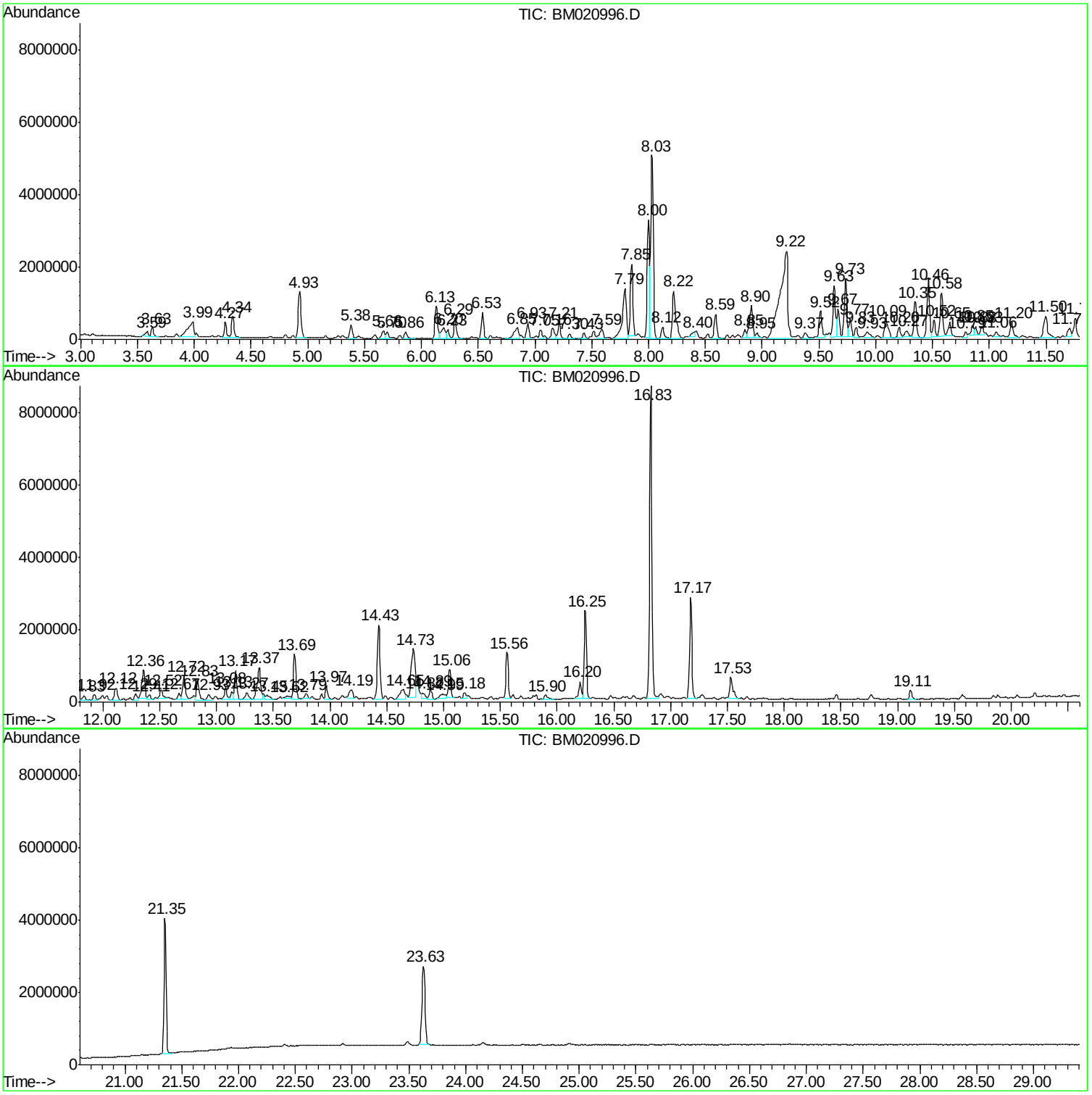
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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 : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

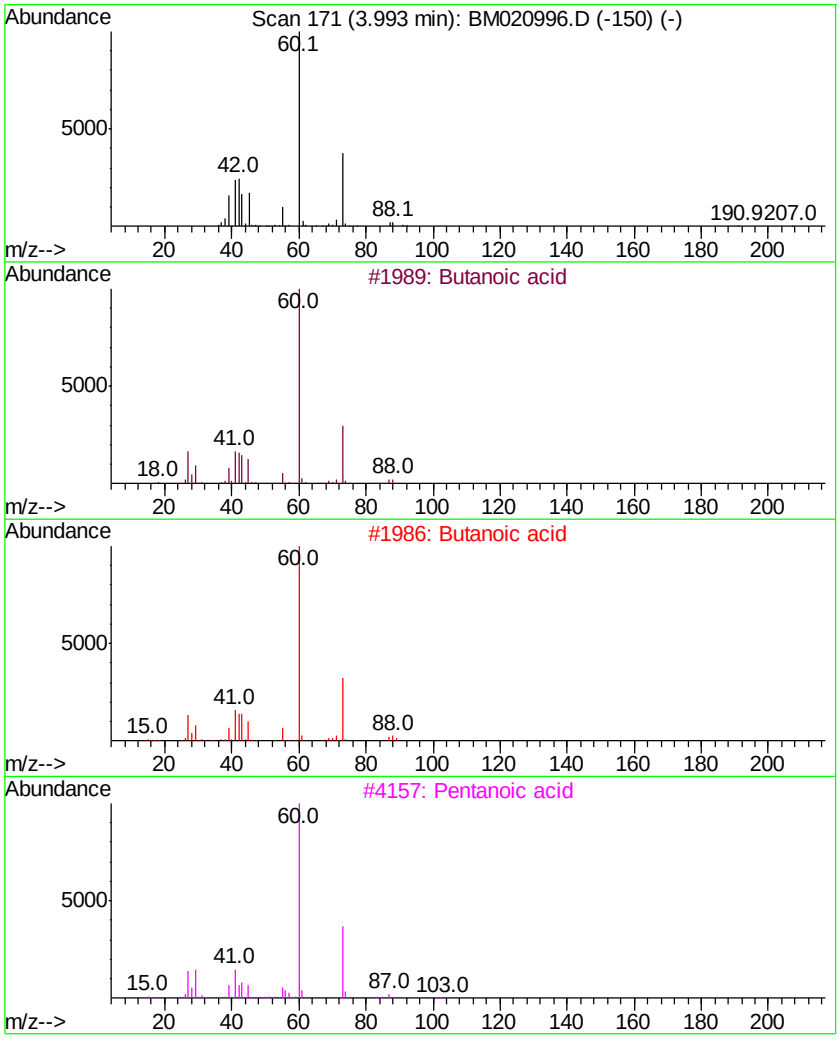
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

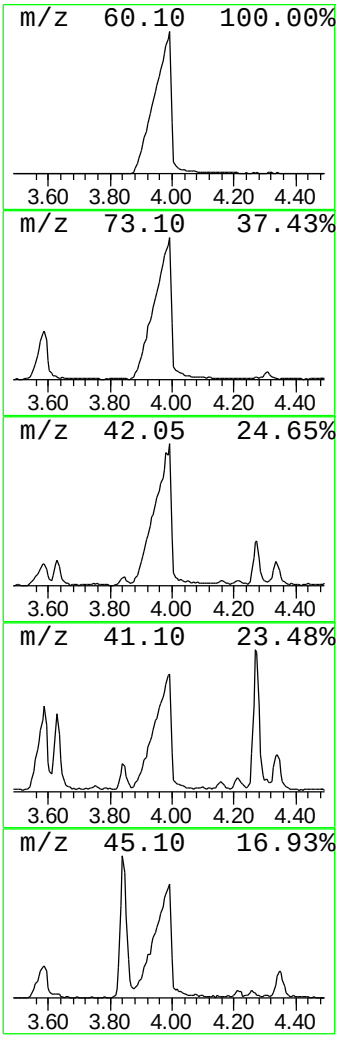
****

Peak Number 1 Butanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	9.16 ng/ul	1565780	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	87
2	Butanoic acid	88	C4H8O2	000107-92-6	80
3	Pentanoic acid	102	C5H10O2	000109-52-4	39
4	2-Amino-1,3-propanediol	91	C3H9NO2	000534-03-2	9
5	5-Hexenoic acid	114	C6H10O2	001577-22-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

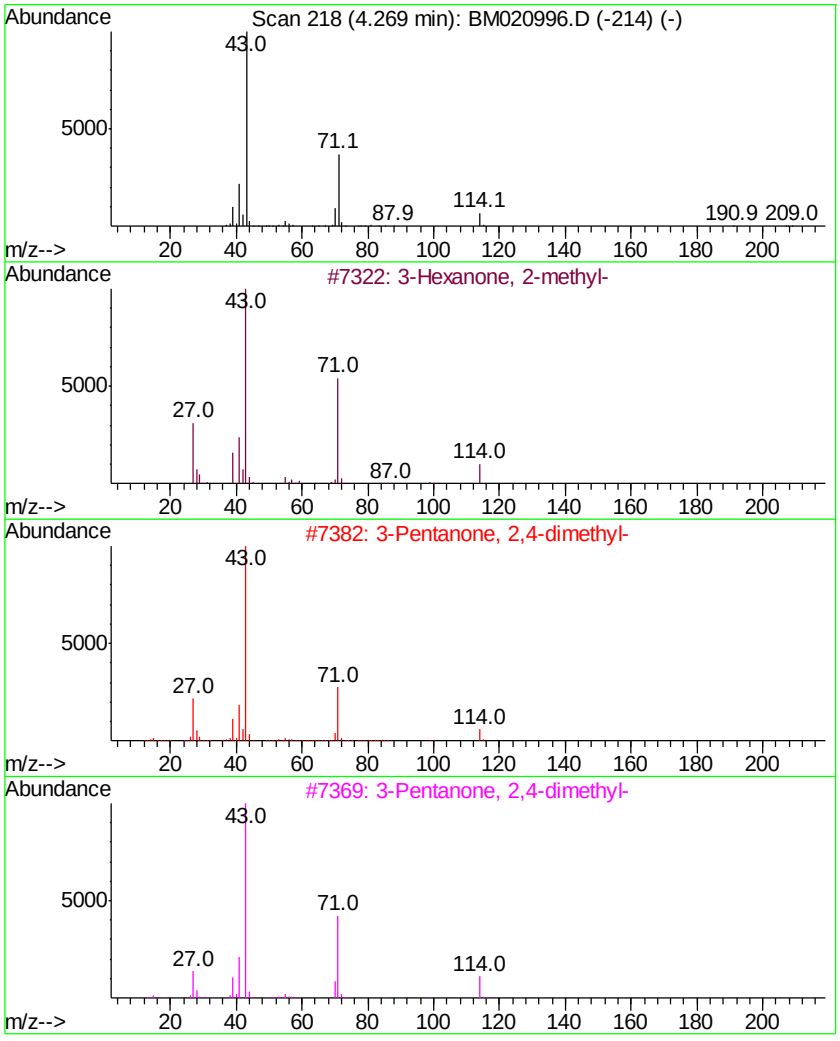
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

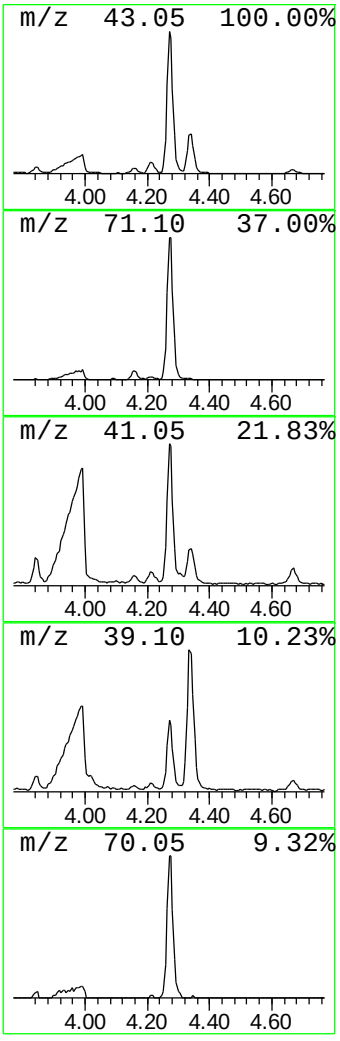
****

Peak Number 2 3-Hexanone, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	3.55 ng/ul	606205	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	58
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	52
5	4-Heptanone	114	C7H14O	000123-19-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

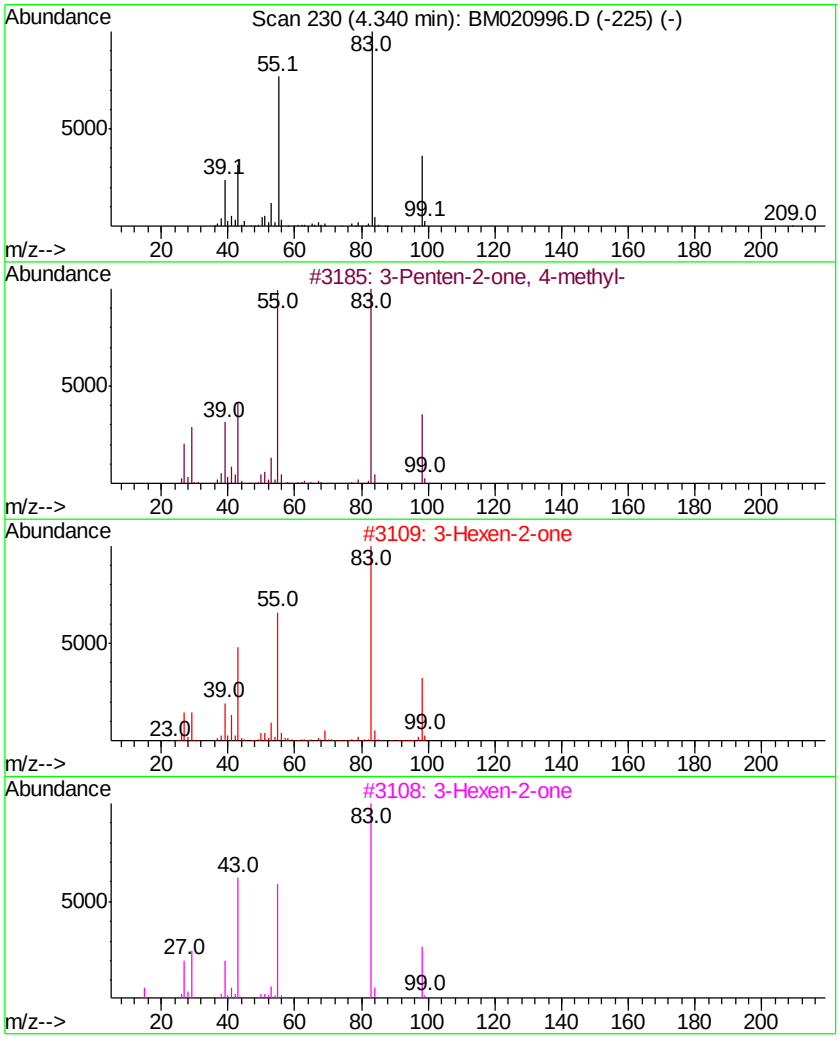
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

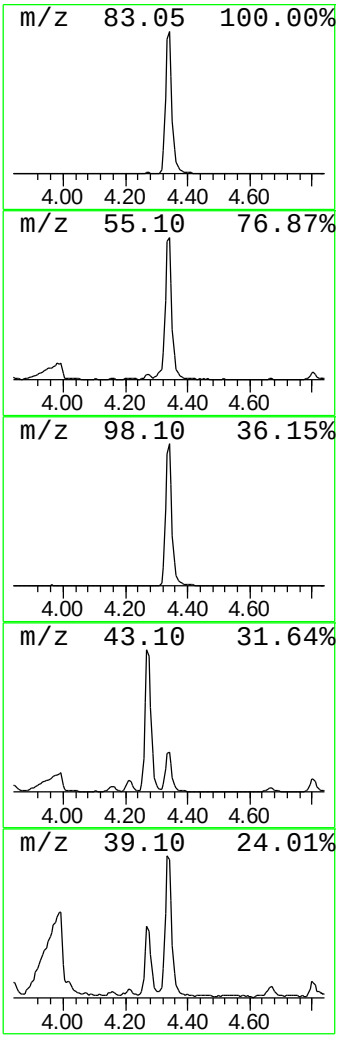
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	5.03 ng/ul	858807	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	3-Hexen-2-one	98	C6H10O	000763-93-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

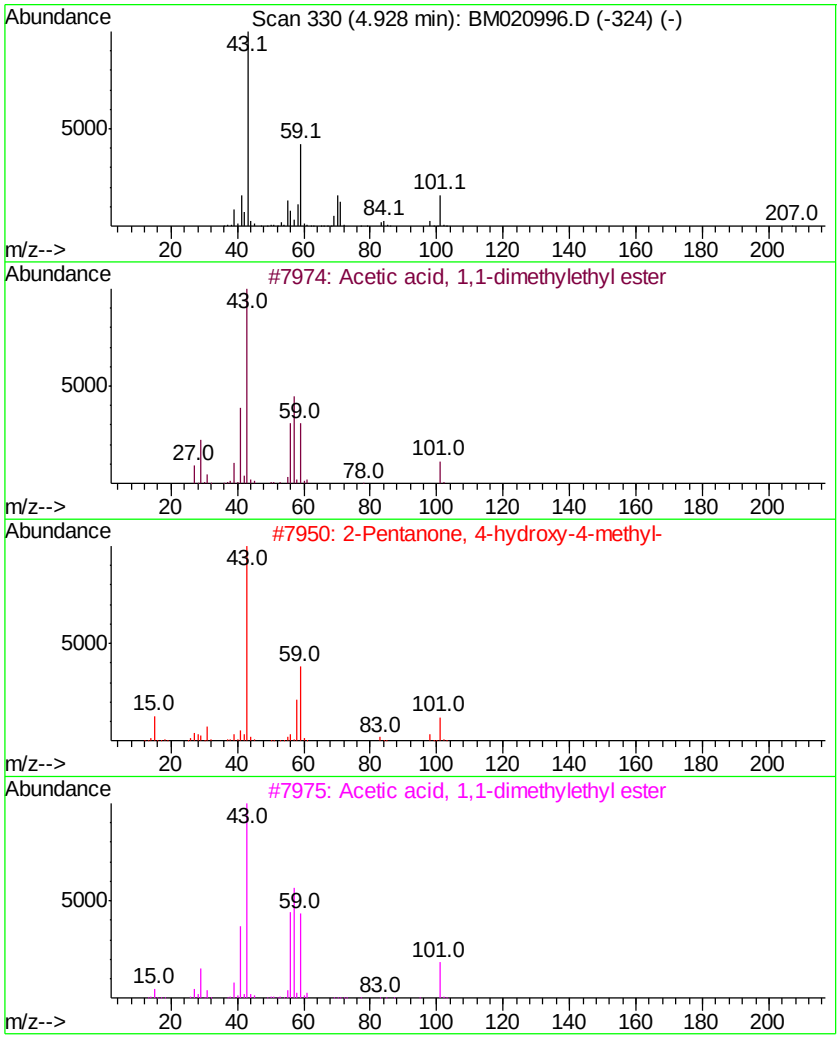
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

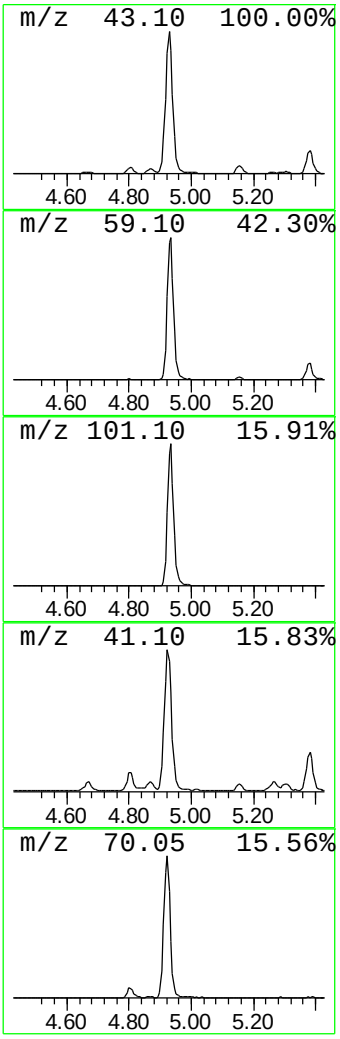
****

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	12.40 ng/ul	2119910	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

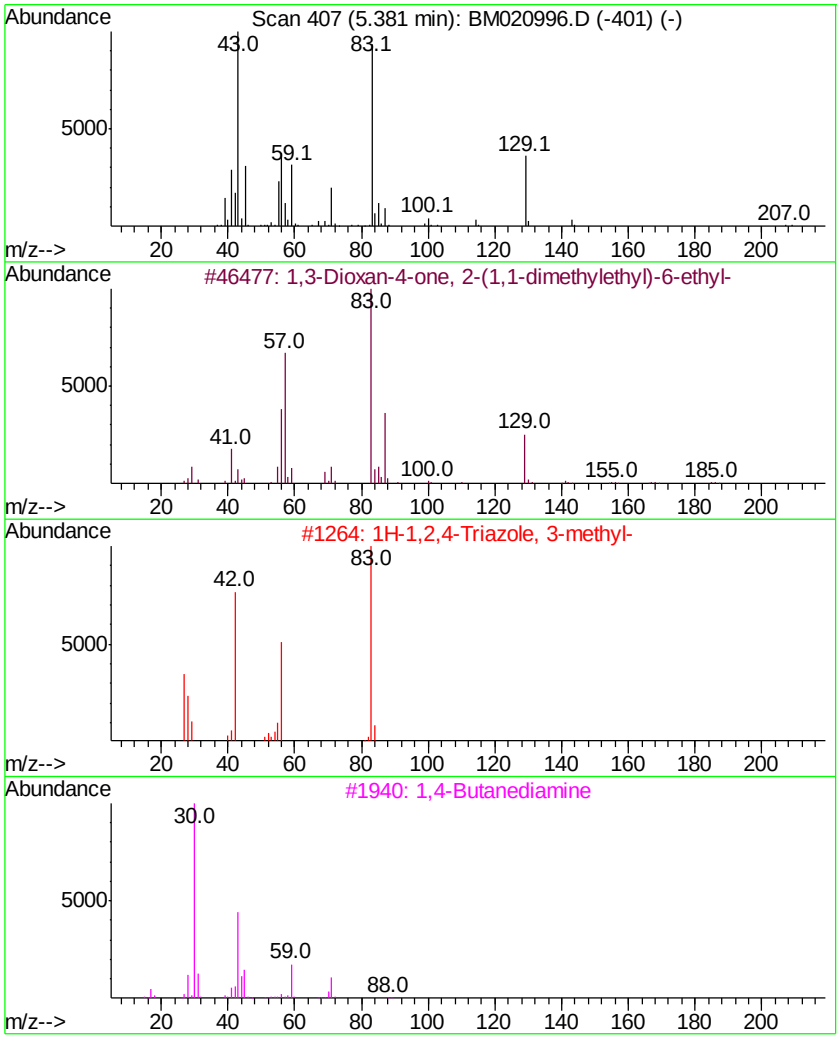
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

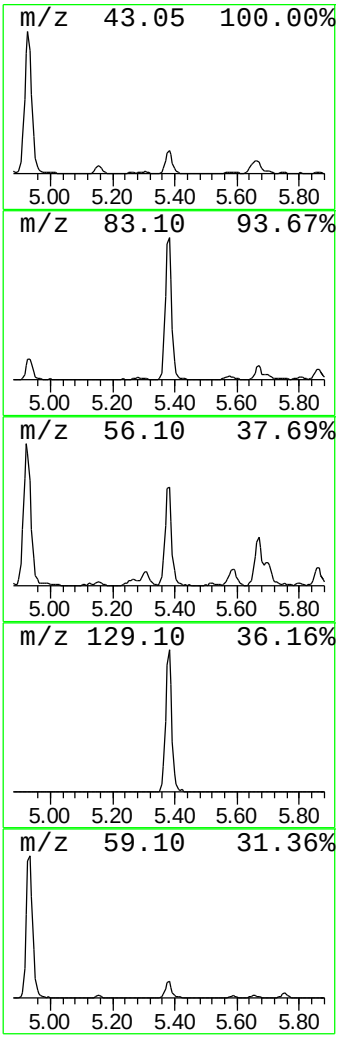
****

Peak Number 5 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	3.37 ng/ul	576713	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	40
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	14
4	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	12
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	12





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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

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

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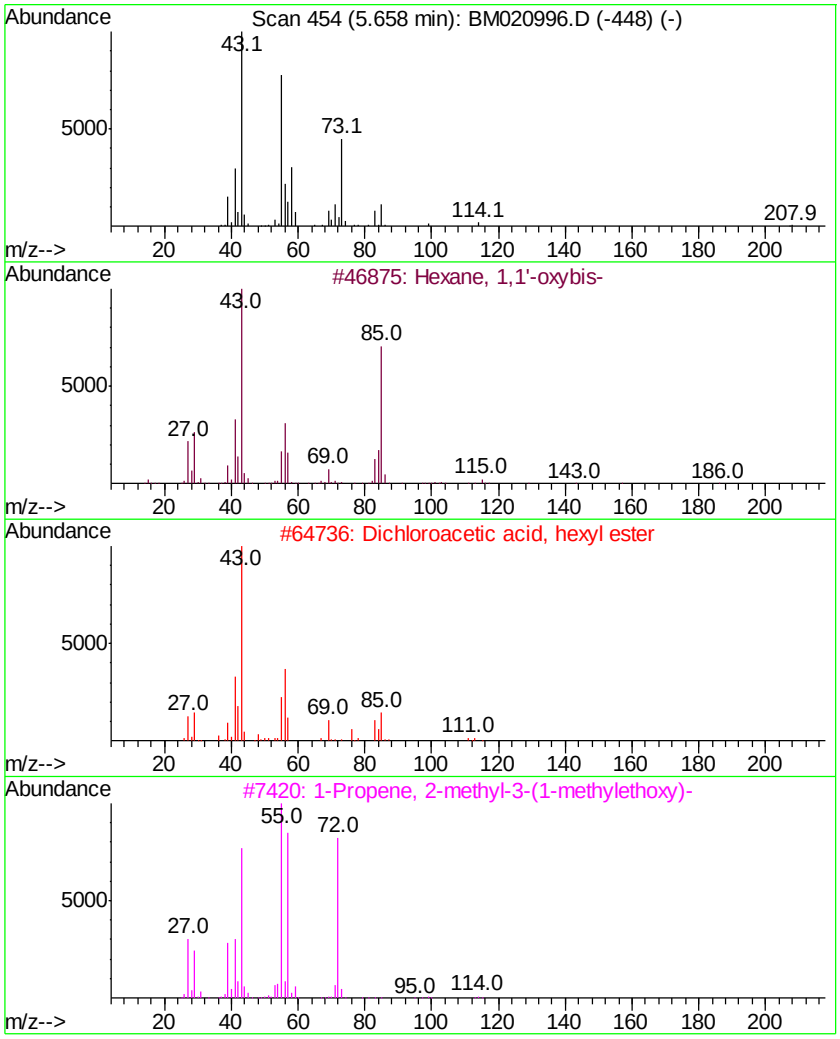
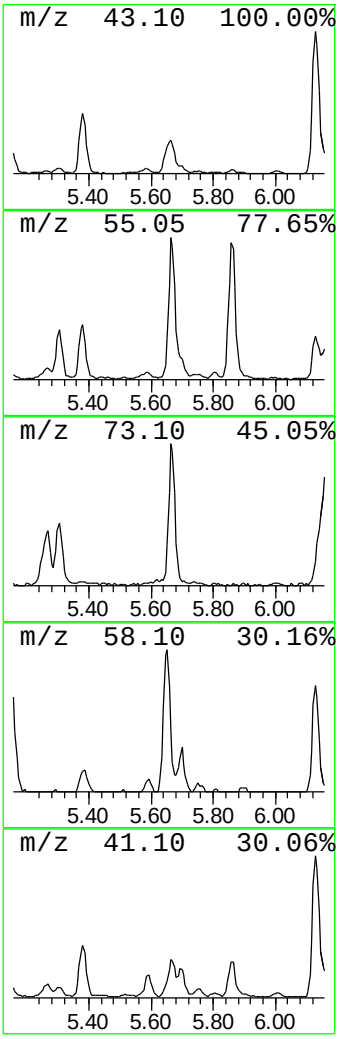
Peak Number 6 unknown-03 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.24 ng/ul	382690	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	35
2	Dichloroacetic acid, hexyl ester	212	C8H14Cl2O2	037079-04-2	32
3	1-Propene, 2-methyl-3-(1-methyle...	114	C7H14O	044744-50-5	27
4	2-Propenoic acid, methyl ester	86	C4H6O2	000096-33-3	25
5	2-Propenoic acid, methyl ester	86	C4H6O2	000096-33-3	25





Library Search Compound Report

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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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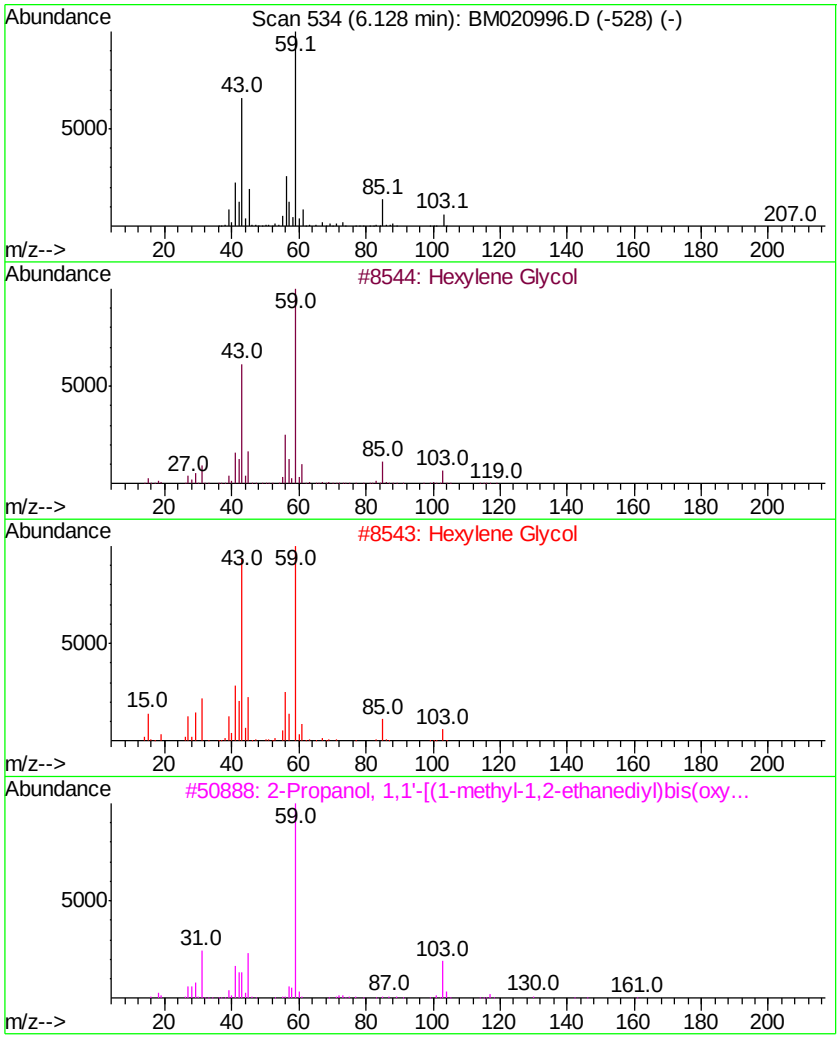
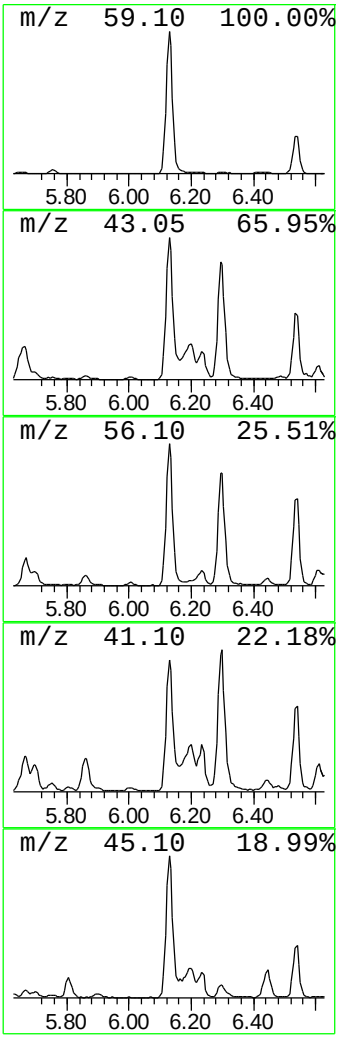
Peak Number 7 Hexylene Glycol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	8.46 ng/ul	1445970	1,4-Dichlorobenzene-d4	7.79

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





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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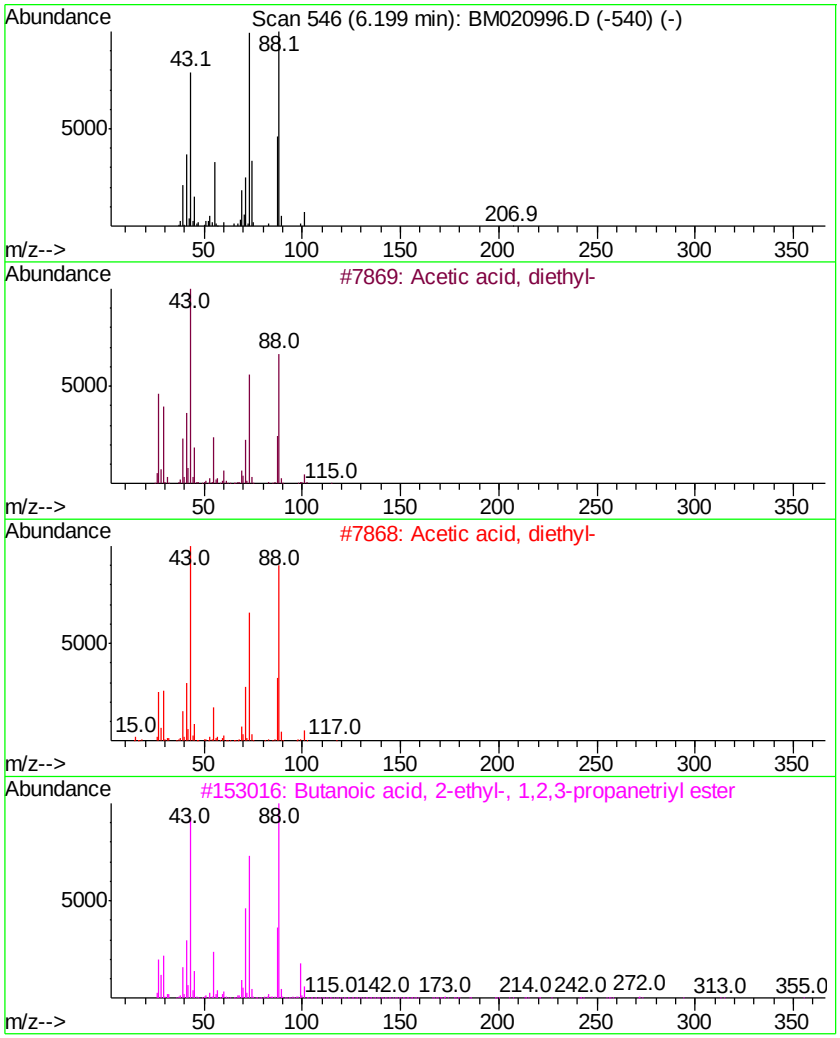
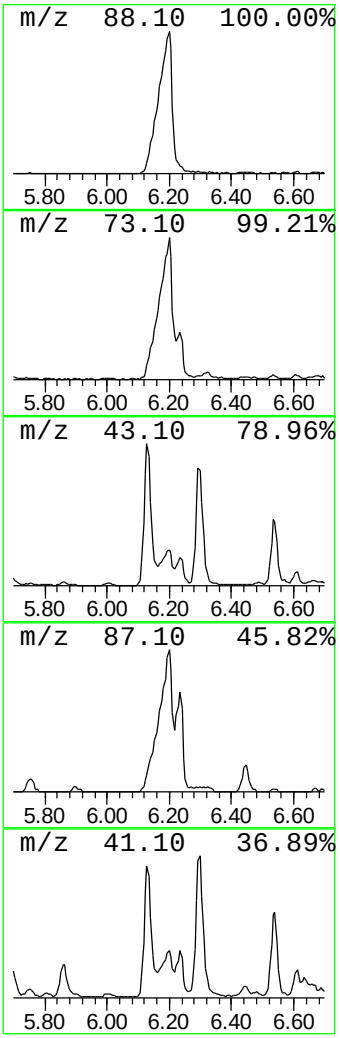
Peak Number 8 unknown-04 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.18 ng/ul	715148	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	45
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	45
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	35
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	33
5	2,2-Dimethylvaleric acid	130	C7H14O2	001185-39-3	28





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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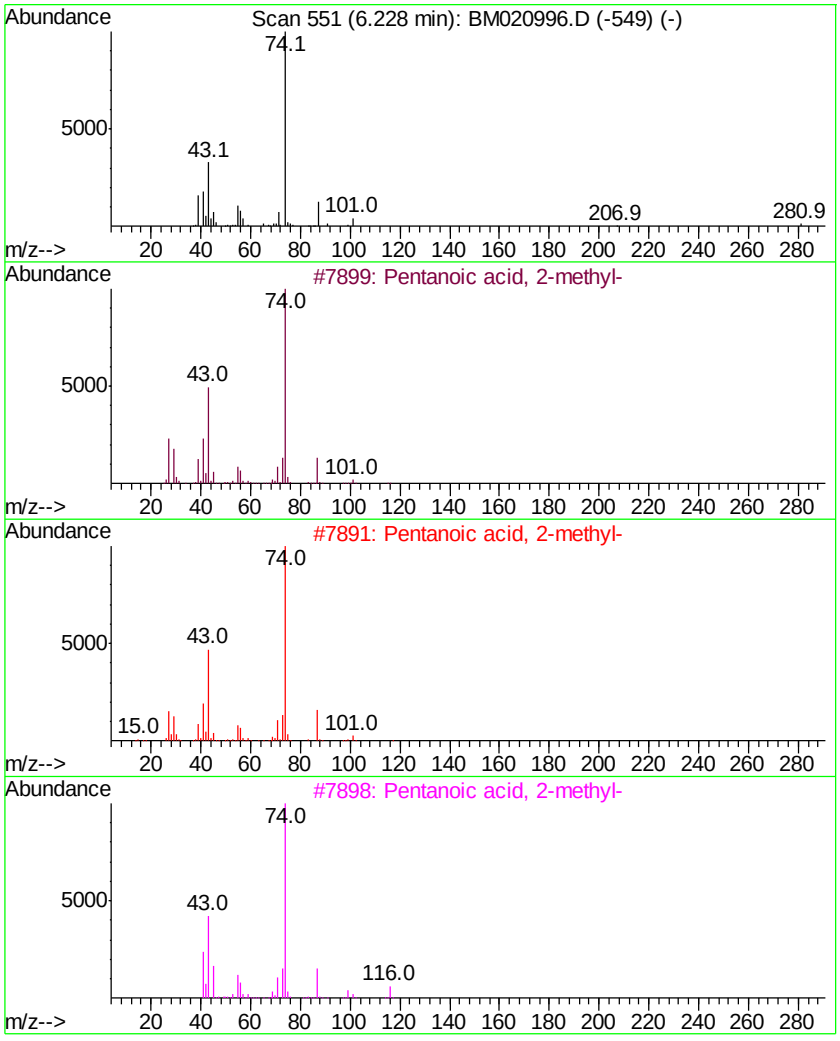
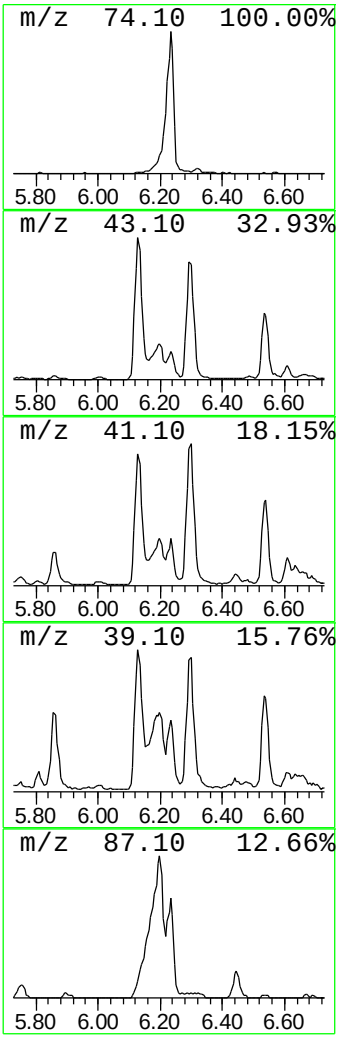
Peak Number 9 Pentanoic acid, 2-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	2.17 ng/ul	370248	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	38
5	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	23





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

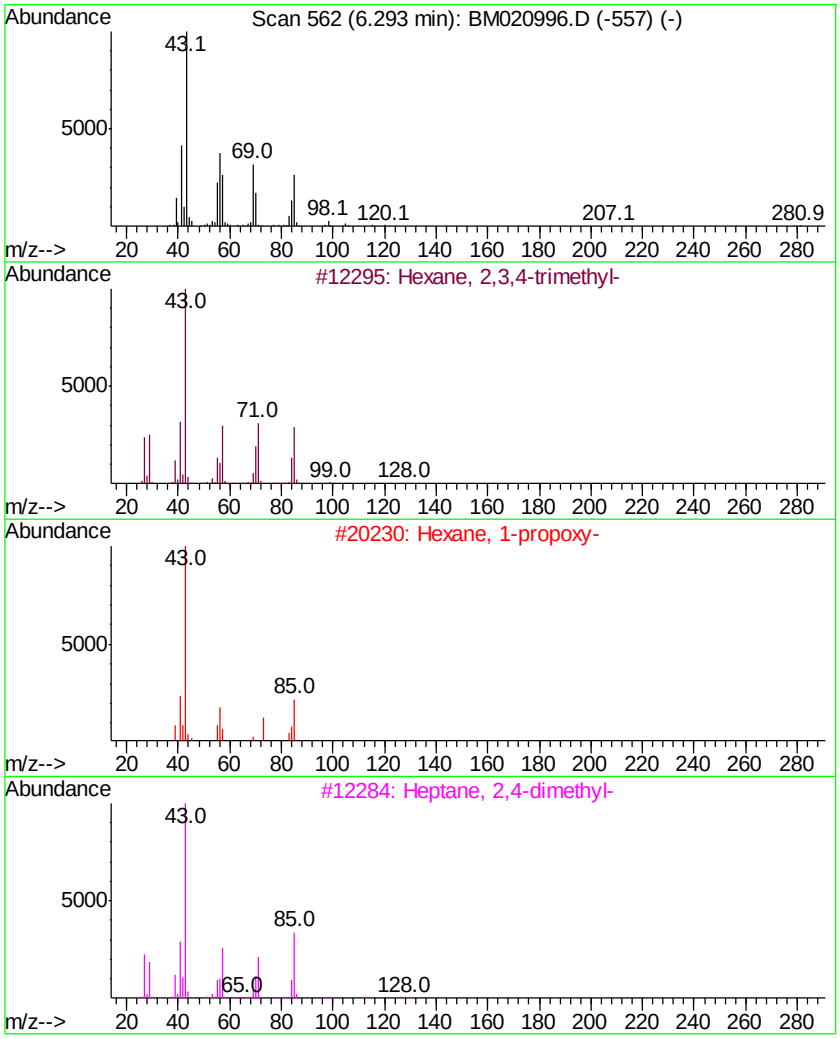
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

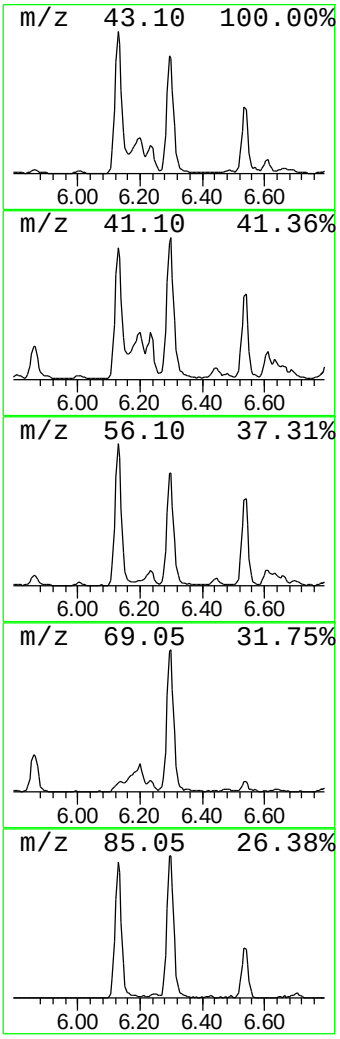
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	5.43 ng/ul	927799	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
2	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	56
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	56





Library Search Compound Report

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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

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

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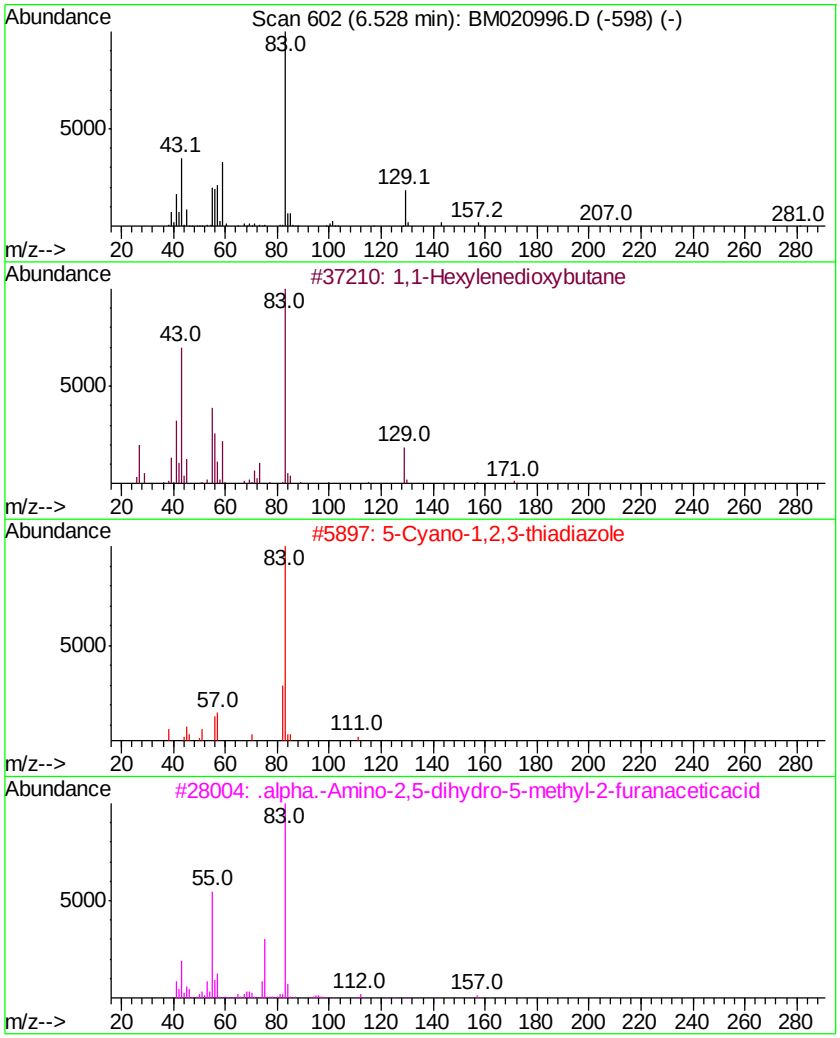
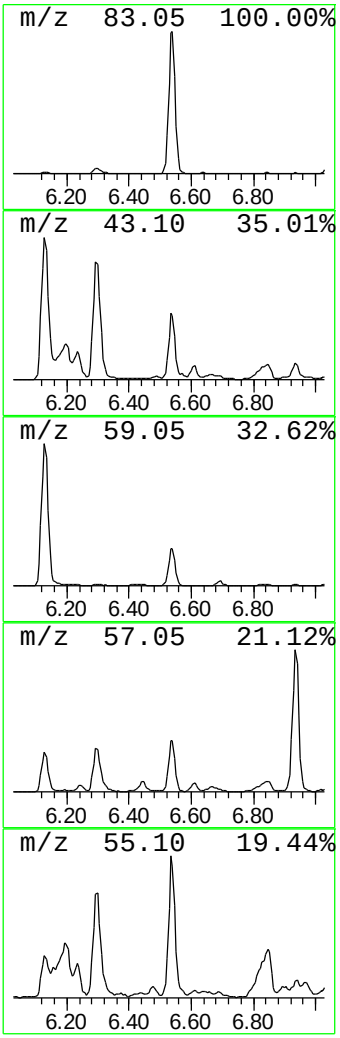
Peak Number 11 1,1-Hexylenedioxybutane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	6.29 ng/ul	1074500	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	40
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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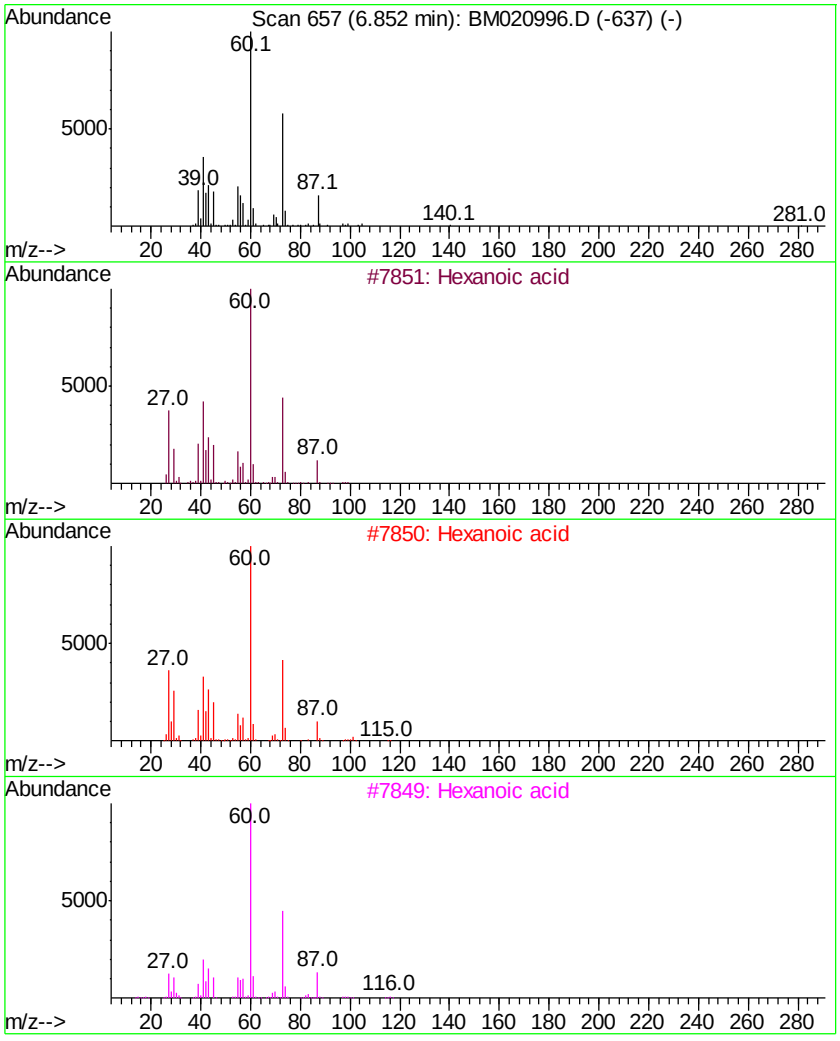
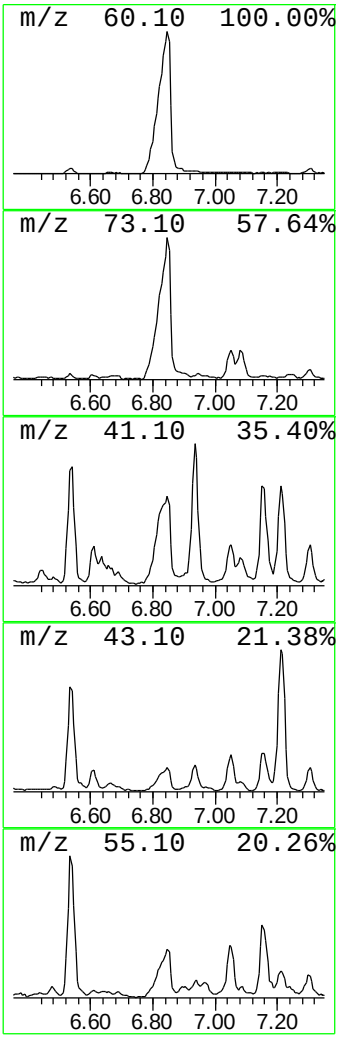
Peak Number 12 Hexanoic acid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	5.21 ng/ul	890474	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	Hexanoic acid	116	C6H12O2	000142-62-1	78
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	64
5	Octanoic Acid	144	C8H16O2	000124-07-2	64





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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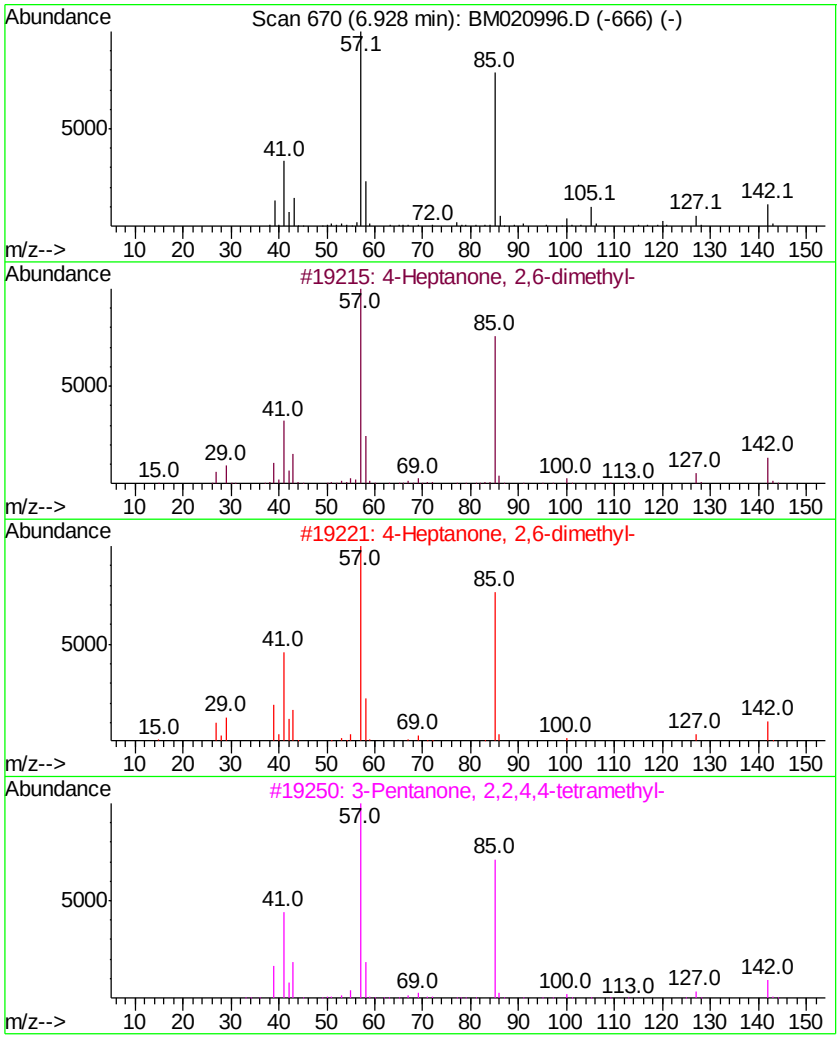
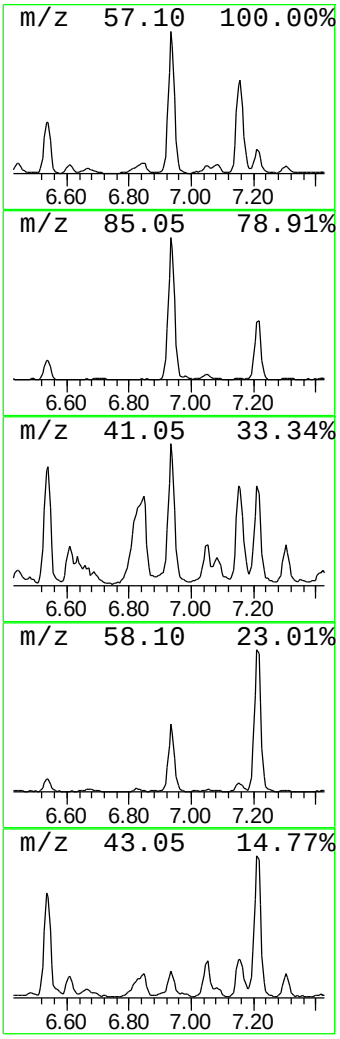
Peak Number 13 4-Heptanone, 2,6-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	4.03 ng/ul	688207	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	90
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
3	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	86
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
5	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	53





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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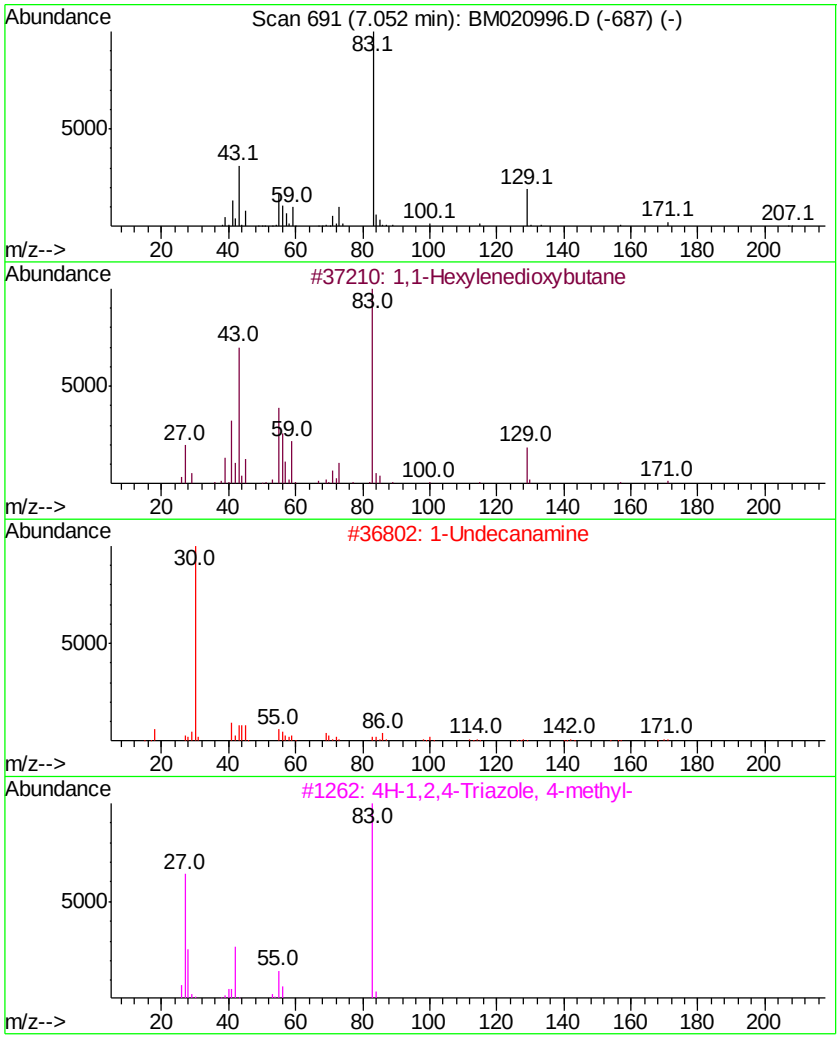
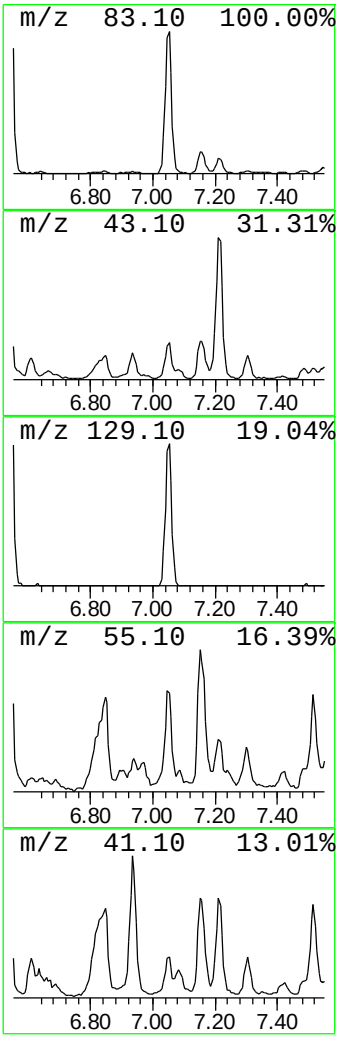
Peak Number 14 unknown-05 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.23 ng/ul	381396	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	1-Undecanamine	171	C11H25N	007307-55-3	9
3	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
4	4-Pentenoic acid, 2,4-dimethyl-,...	142	C8H14O2	034998-29-3	9
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	9





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Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

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

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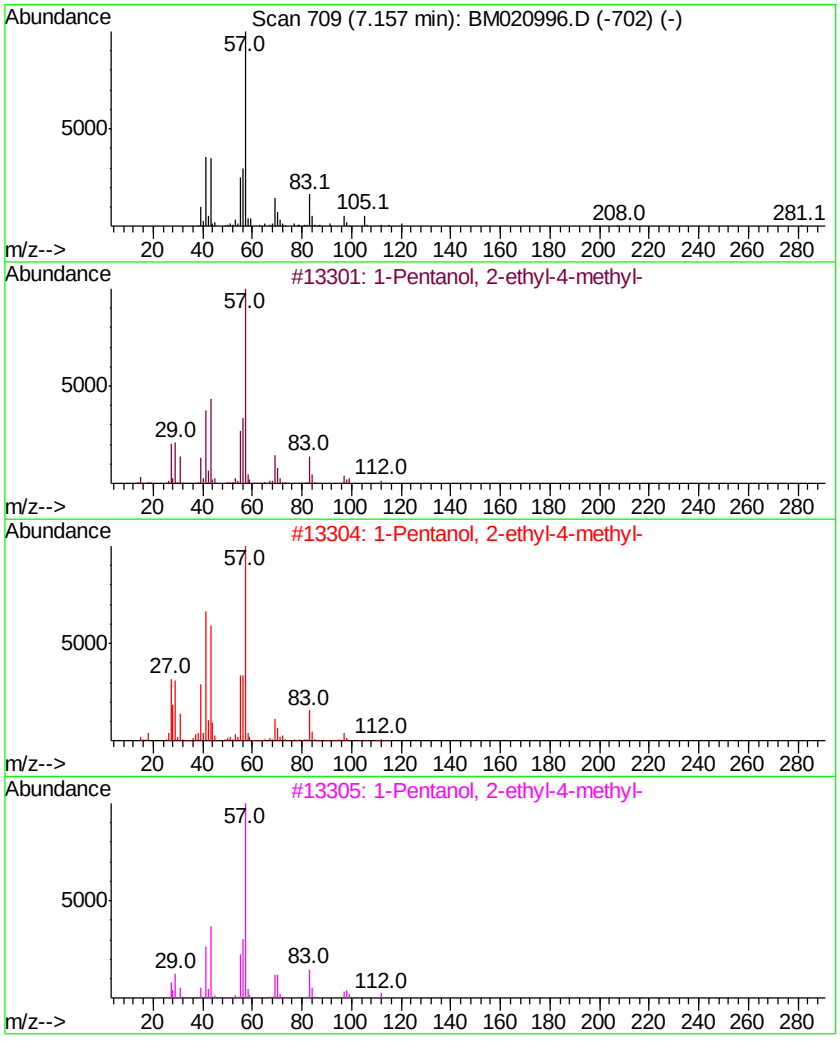
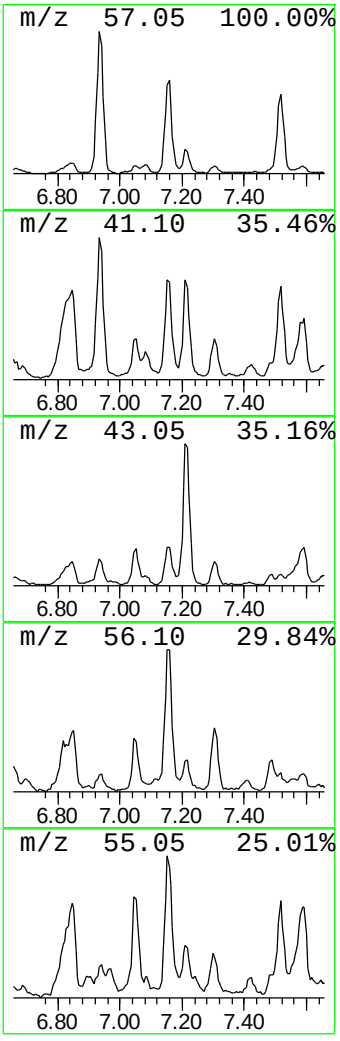
Peak Number 15 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	3.30 ng/ul	563711	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	72
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
4	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45





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Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

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

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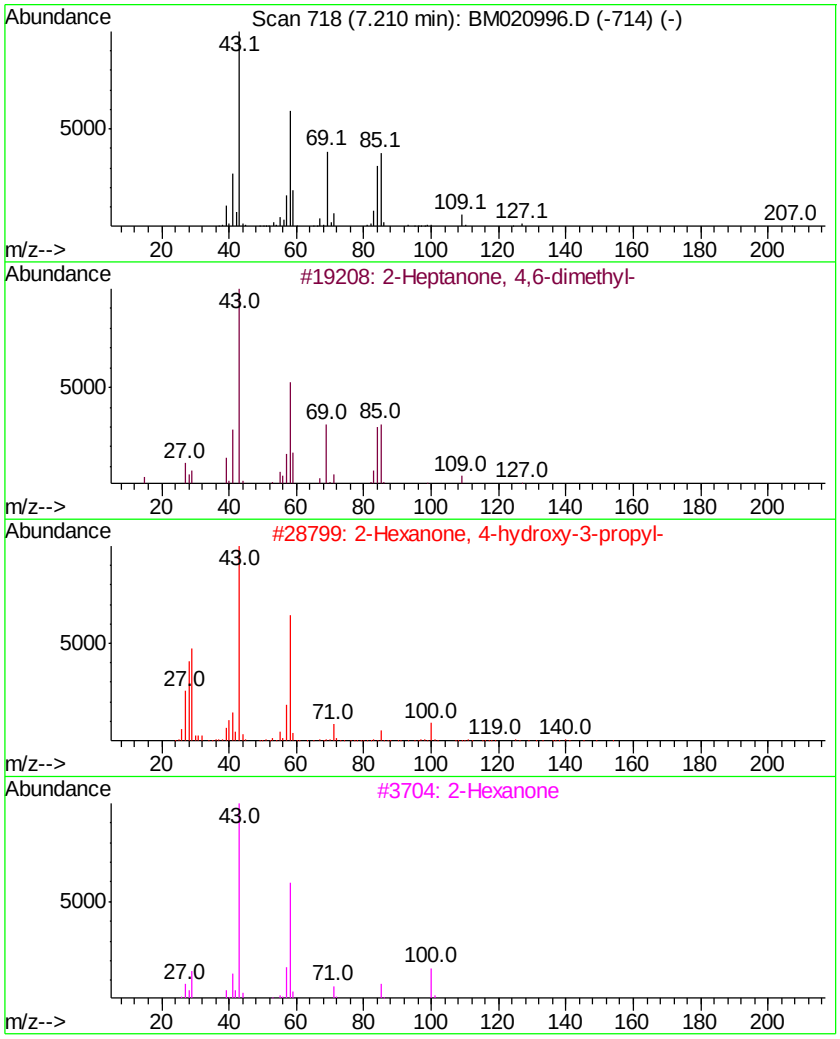
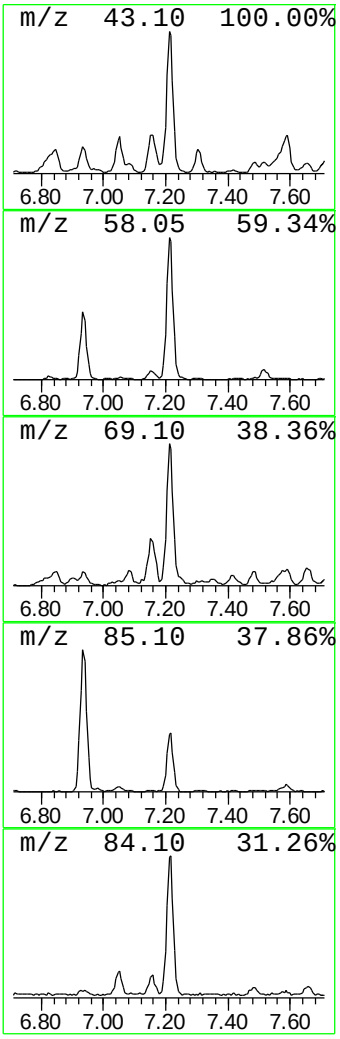
Peak Number 16 2-Heptanone, 4,6-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.14 ng/ul	706844	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	37
3	2-Hexanone	100	C6H12O	000591-78-6	37
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	32
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	32





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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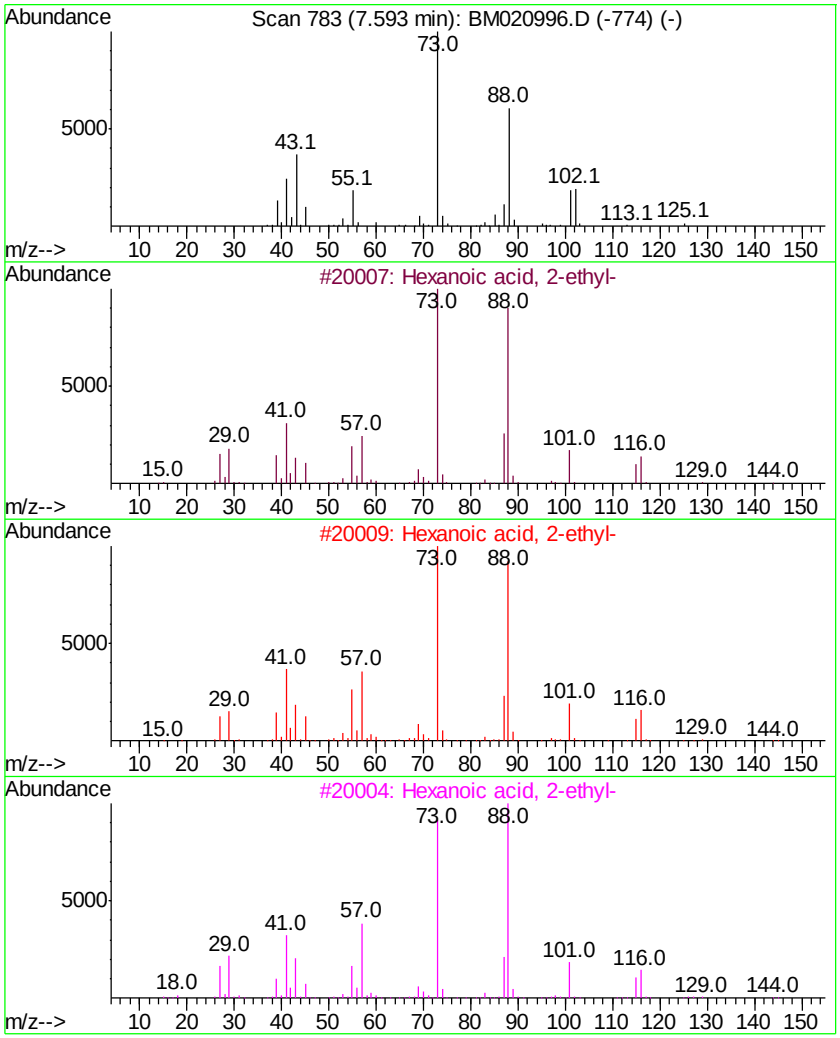
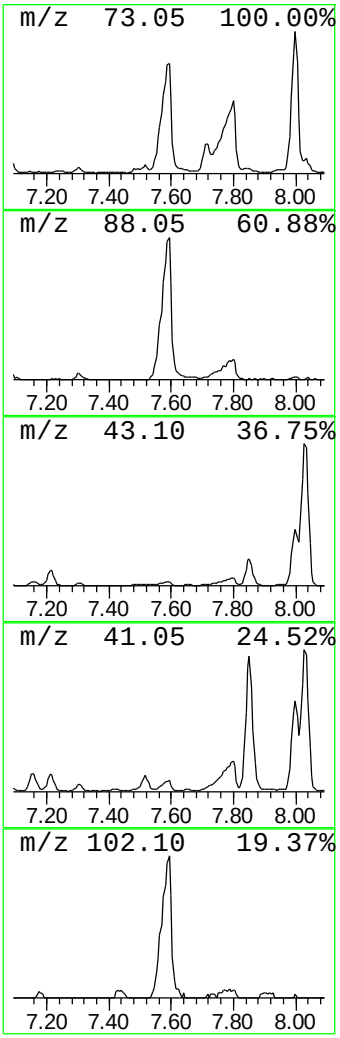
Peak Number 17 unknown-06 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.13 ng/ul	534344	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	40
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
5	1,4-Dioxane	88	C4H8O2	000123-91-1	32





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

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

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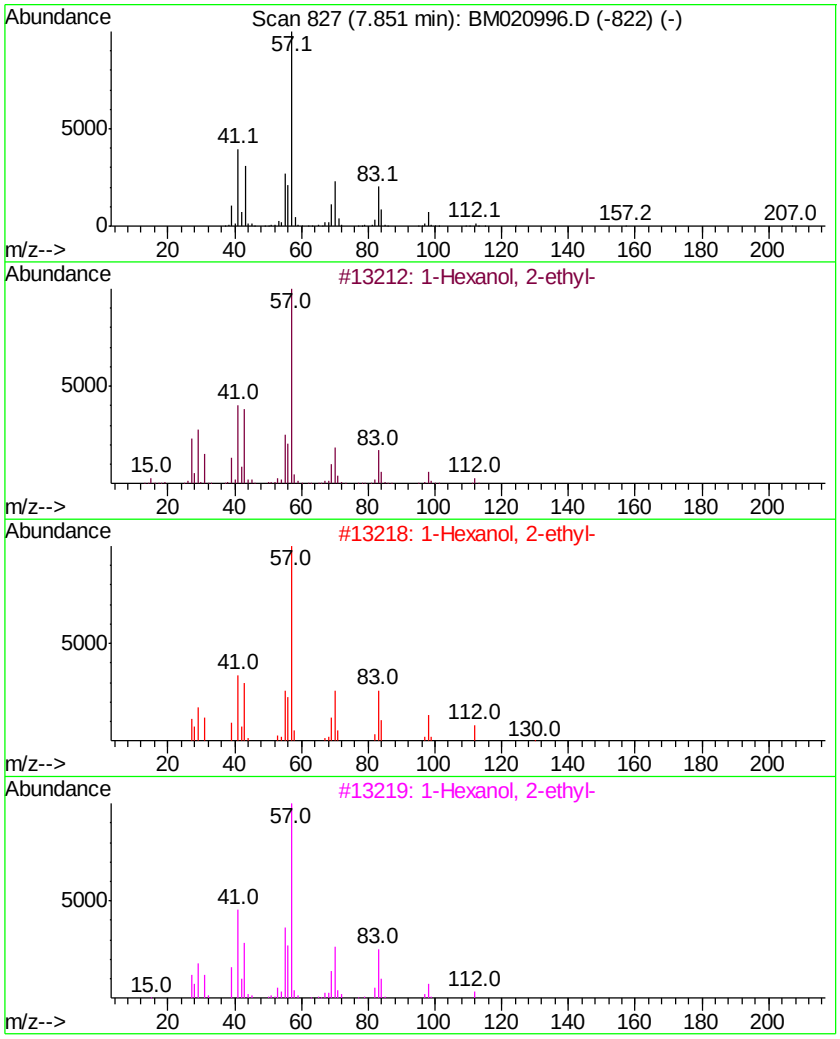
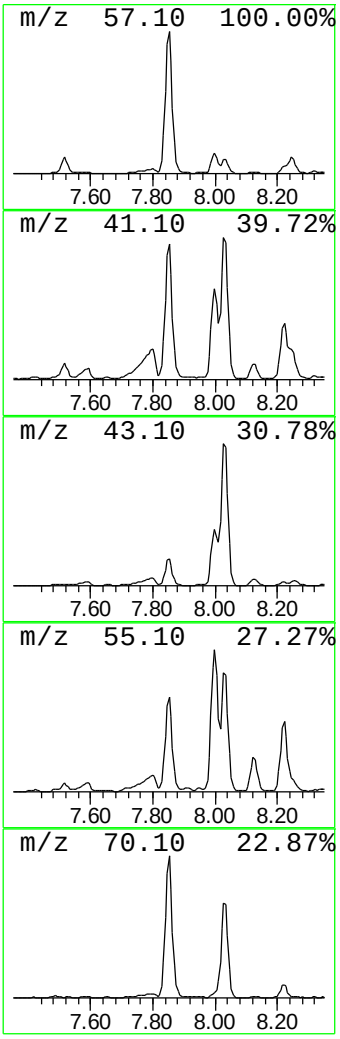
Peak Number 18 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	17.37 ng/ul	2968840	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	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

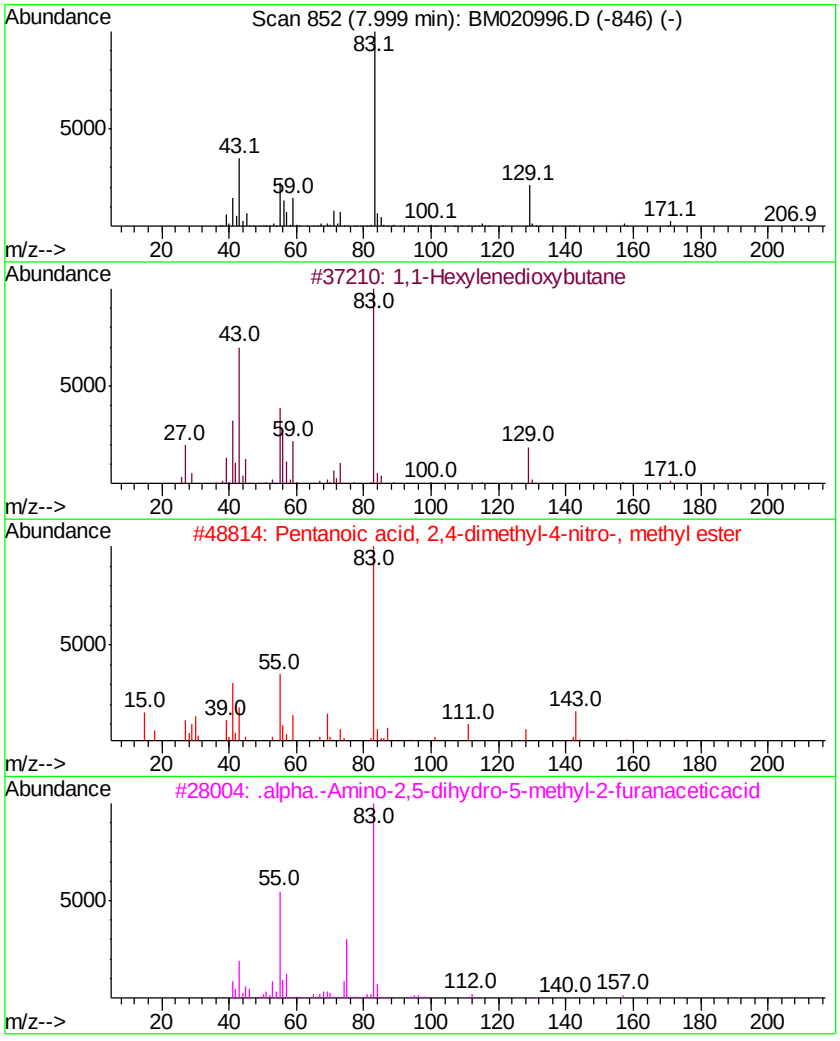
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

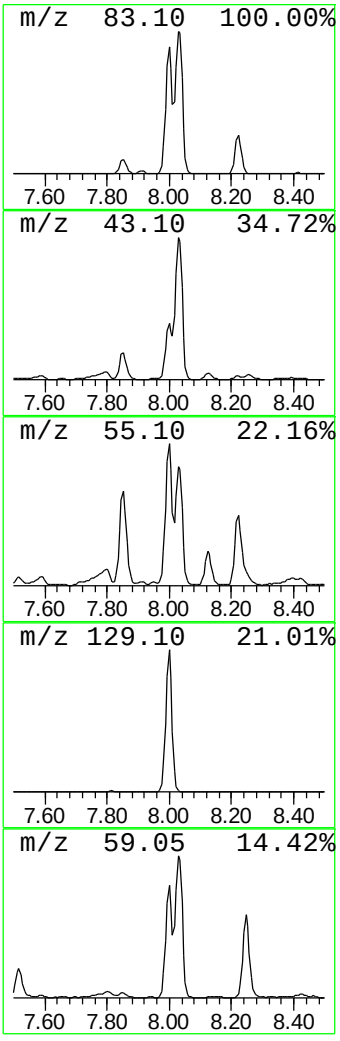
****

Peak Number 19 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	27.45 ng/ul	4691480	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	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	33
5	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

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

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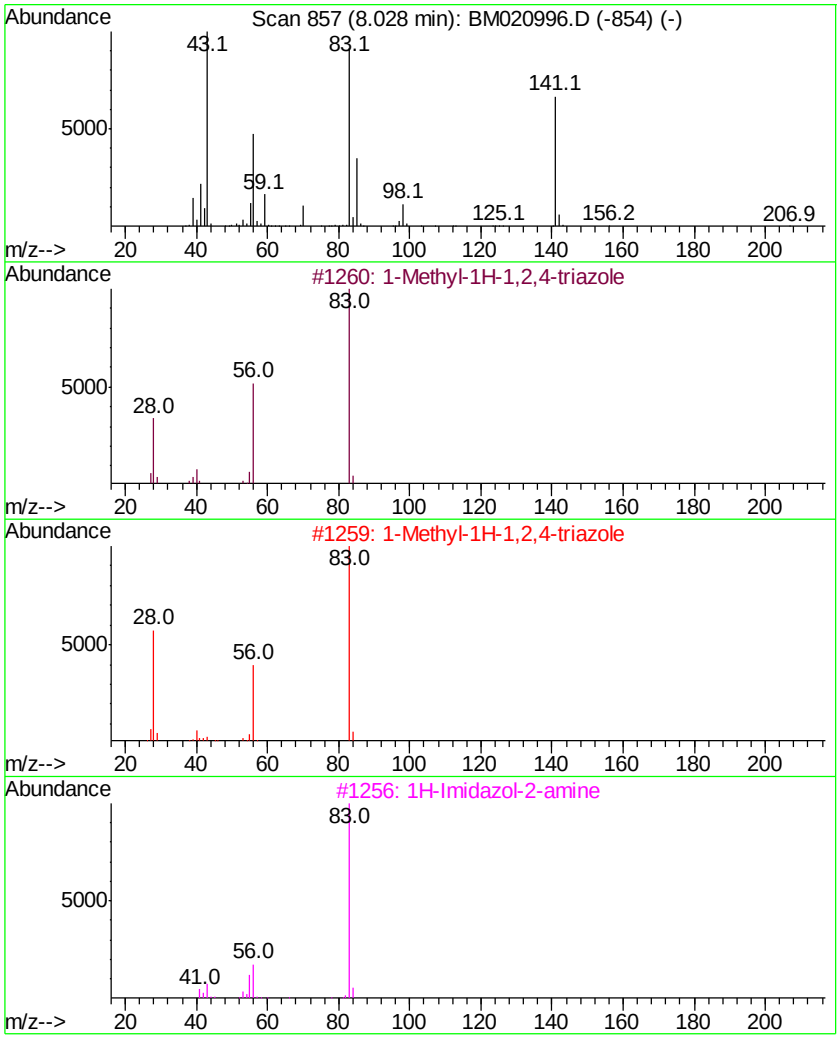
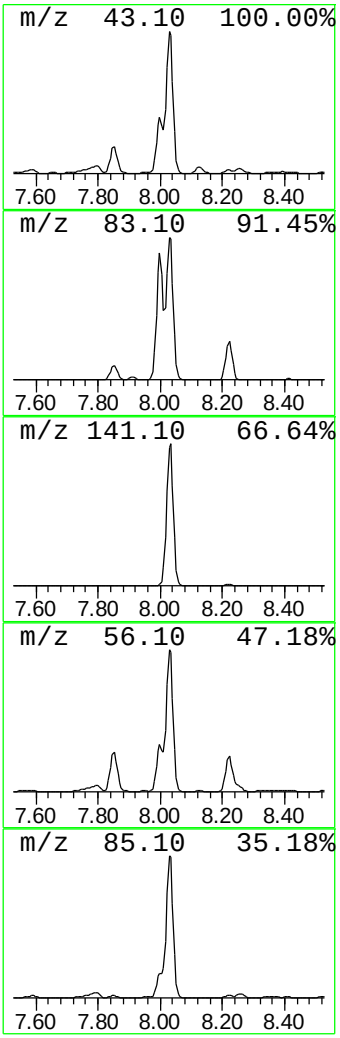
Peak Number 20 unknown-08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	45.17 ng/ul	7719500	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	38
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	37
3	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	16
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	14
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	10





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

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

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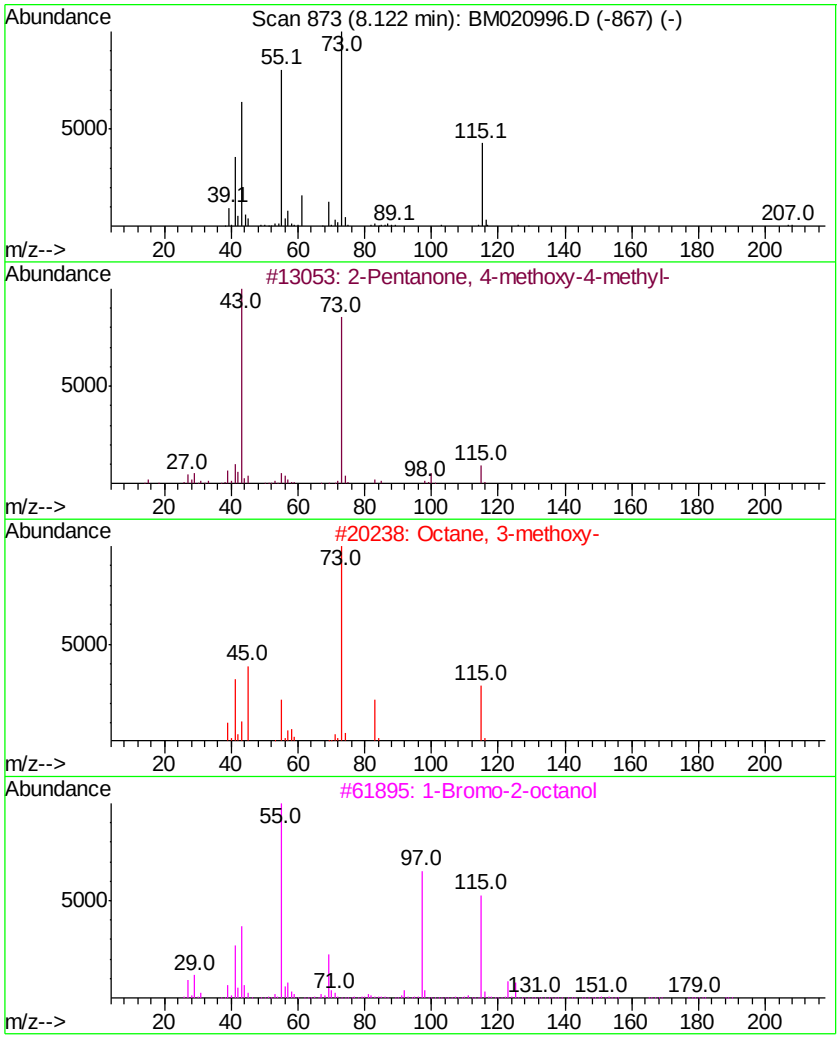
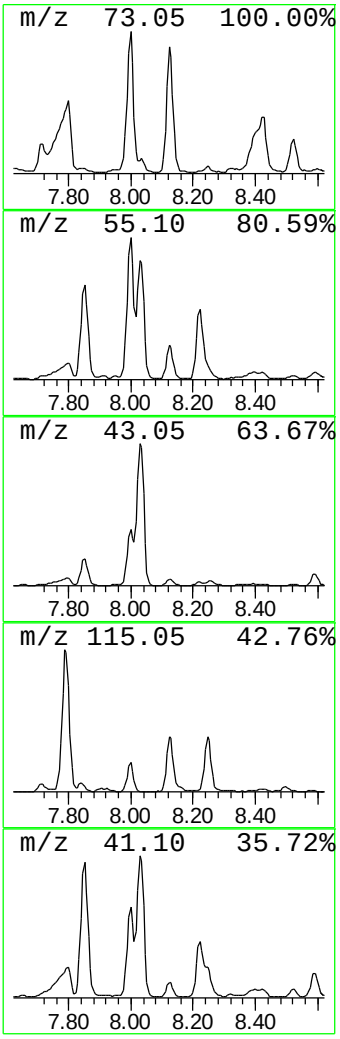
Peak Number 21 unknown-09 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	3.01 ng/ul	514058	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	47
2	Octane, 3-methoxy-	144	C9H20O	054658-02-5	38
3	1-Bromo-2-octanol	208	C8H17BrO	026818-06-4	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	2-Propenoic acid, pentyl ester	142	C8H14O2	002998-23-4	12





Library Search Compound Report

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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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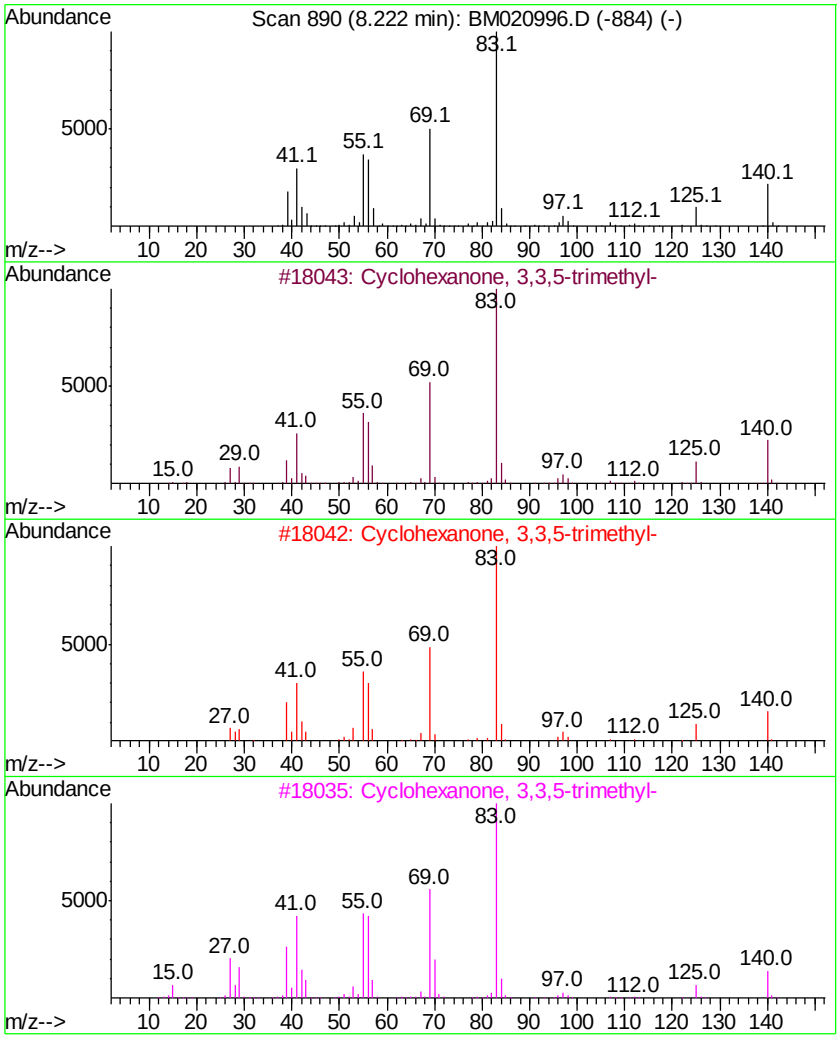
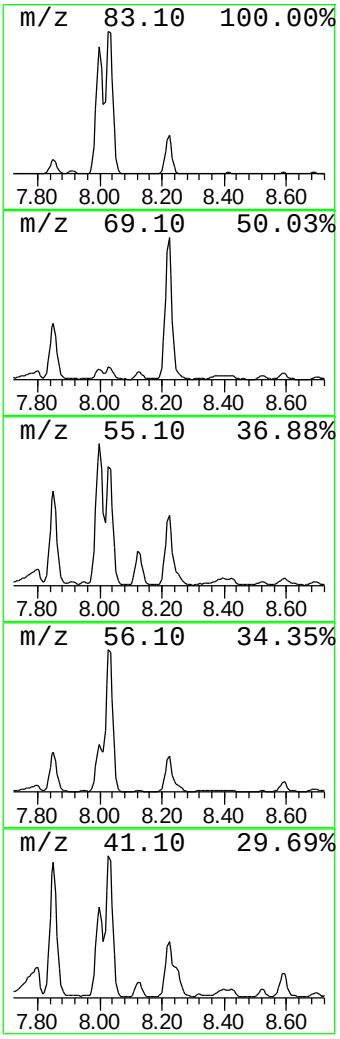
Peak Number 22 Cyclohexanone, 3,3,5-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	15.65 ng/ul	2674550	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	90
5	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	59





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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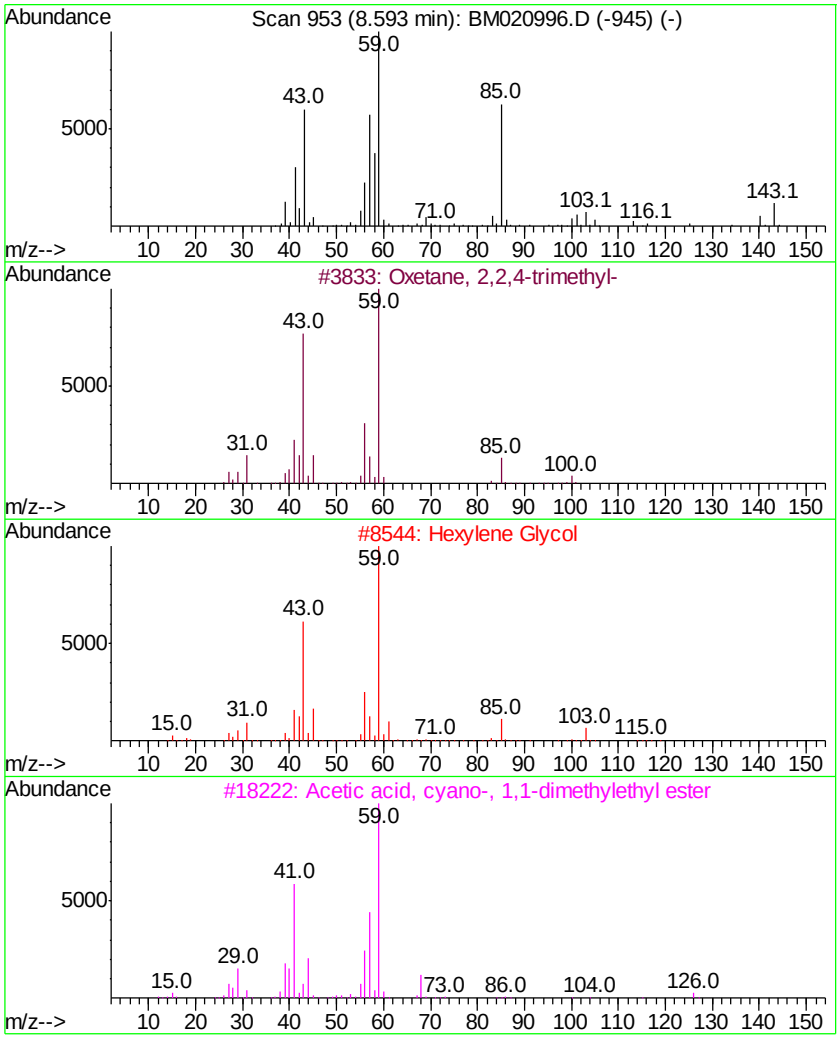
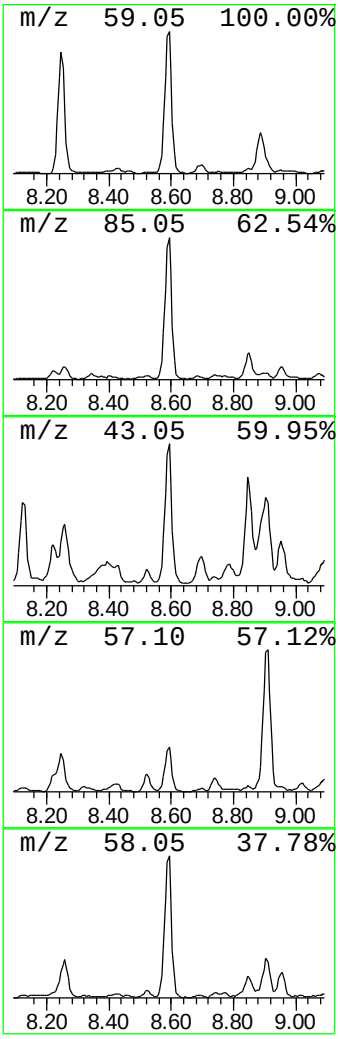
Peak Number 23 unknown-10 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	6.81 ng/ul	1163160	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	47
2	Hexylene Glycol	118	C6H14O2	000107-41-5	40
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	25





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Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

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

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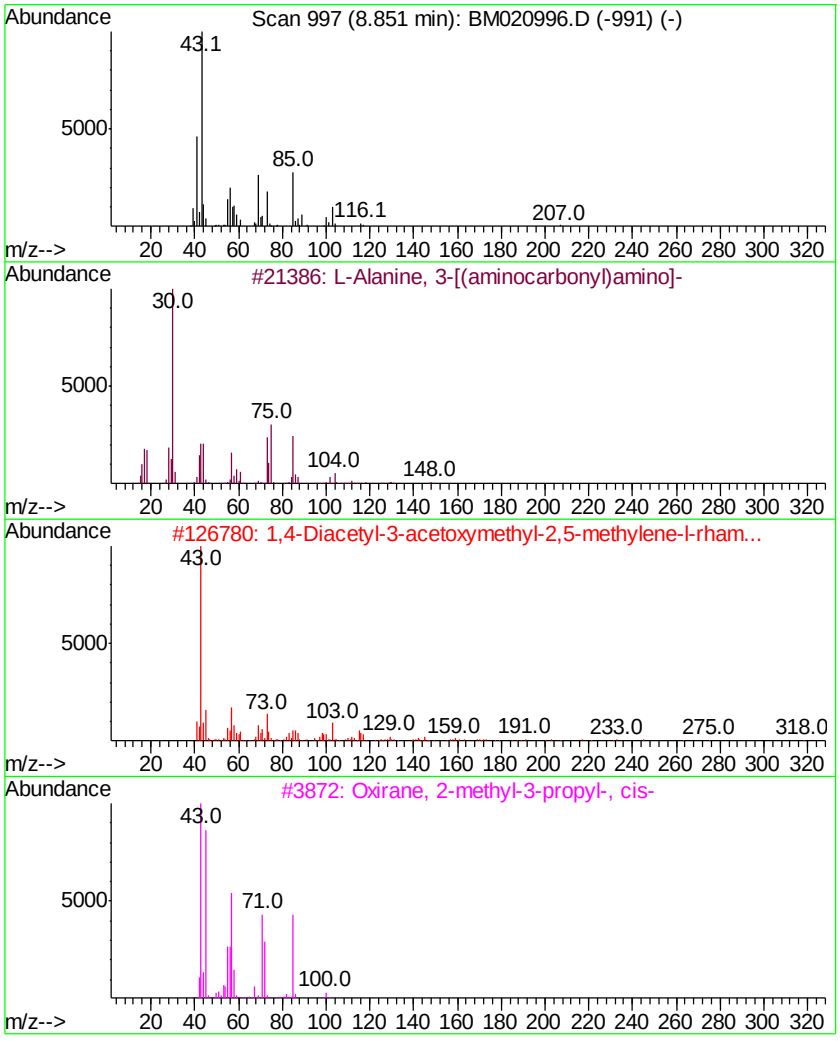
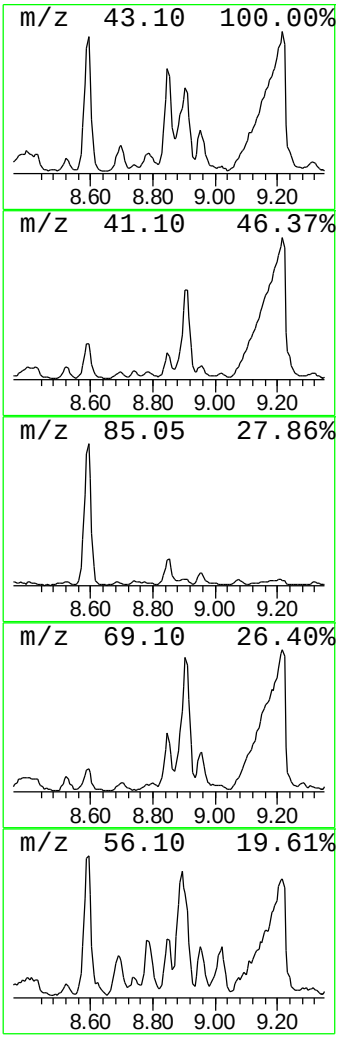
Peak Number 24 unknown-11 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.02 ng/ul	345373	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Alanine, 3-[(aminocarbonyl)ami...	147	C4H9N3O3	001483-07-4	40
2	1,4-Diacetyl-3-acetoxymethyl-2,5...	318	C14H22O8	1000128-41-9	38
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	38
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	35
5	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	25





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Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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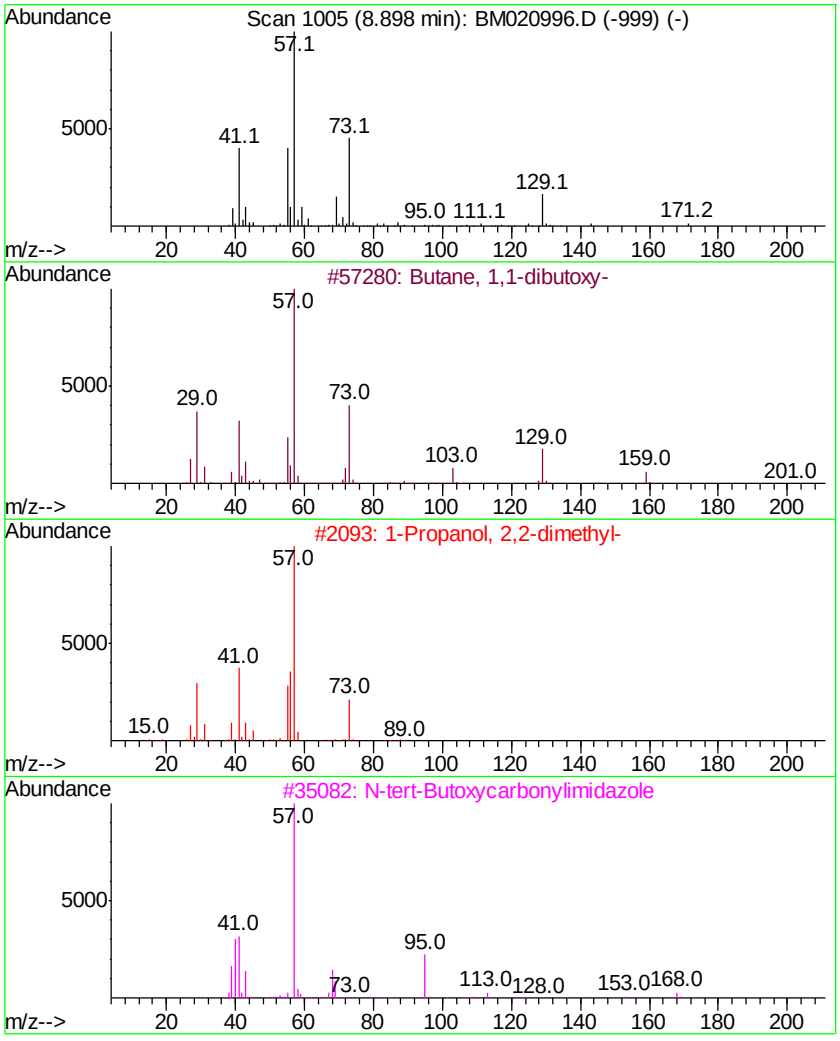
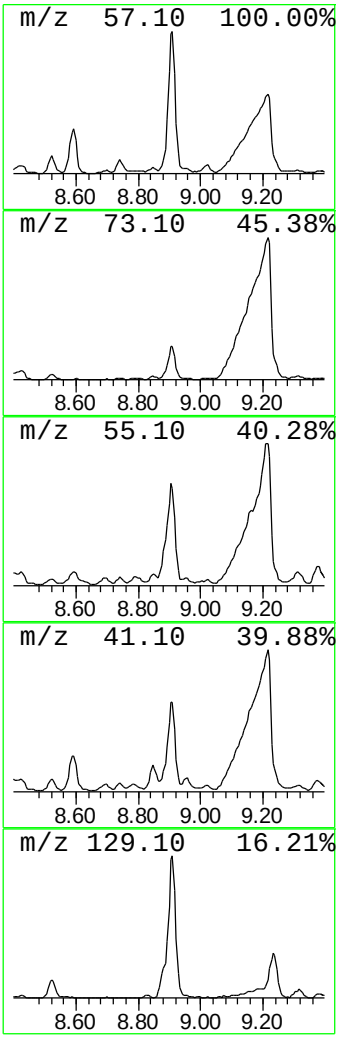
Peak Number 25 unknown-12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	10.62 ng/ul	1814300	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1-dibutoxy-	202	C12H26O2	005921-80-2	28
2	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	25
3	N-tert-Butoxycarbonylimidazole	168	C8H12N2O2	049761-82-2	23
4	Isobutyl ether	130	C8H18O	000628-55-7	12
5	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	12





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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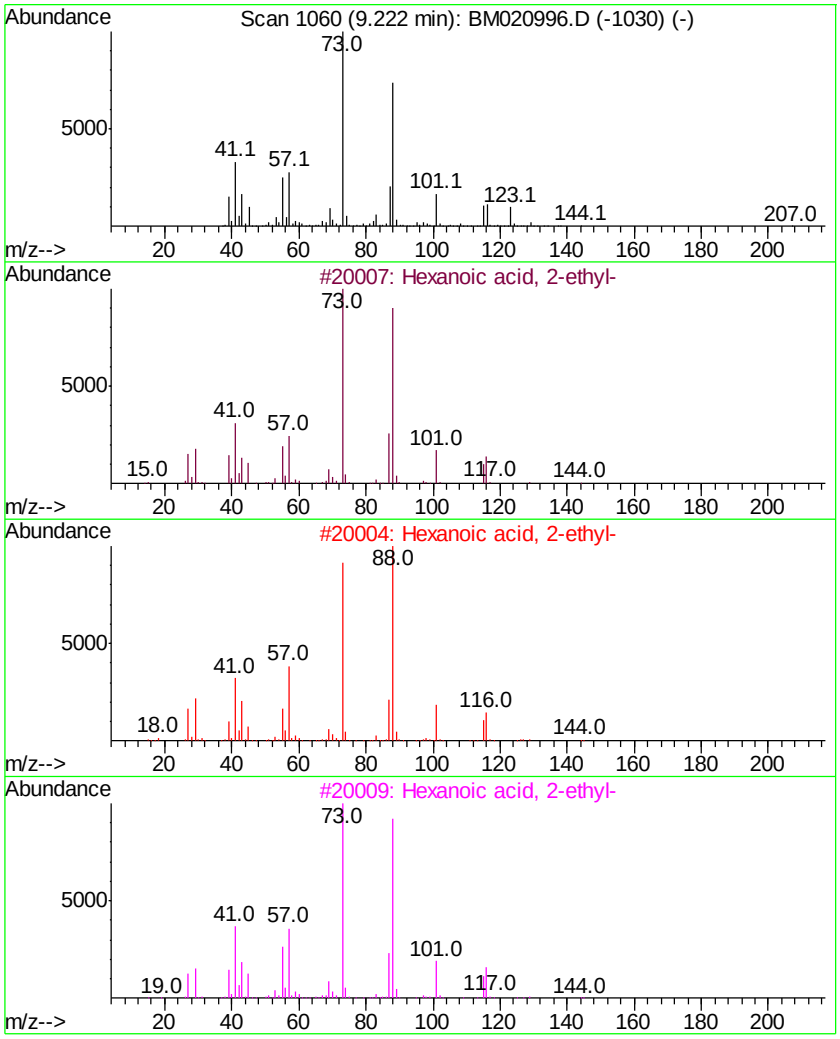
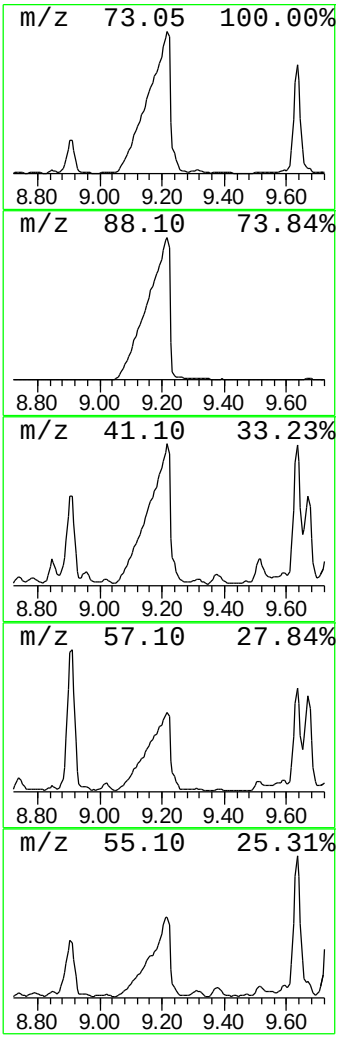
Peak Number 26 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	112.27 ng/ul	11382800	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	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	47





Library Search Compound Report

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Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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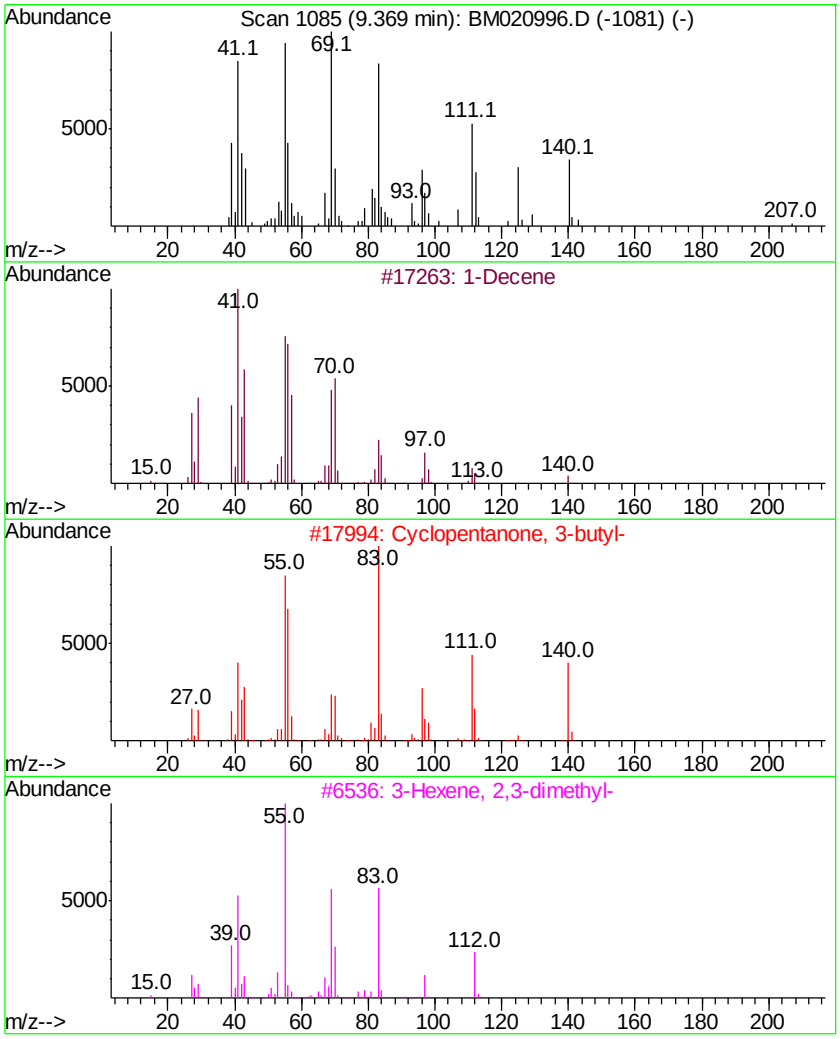
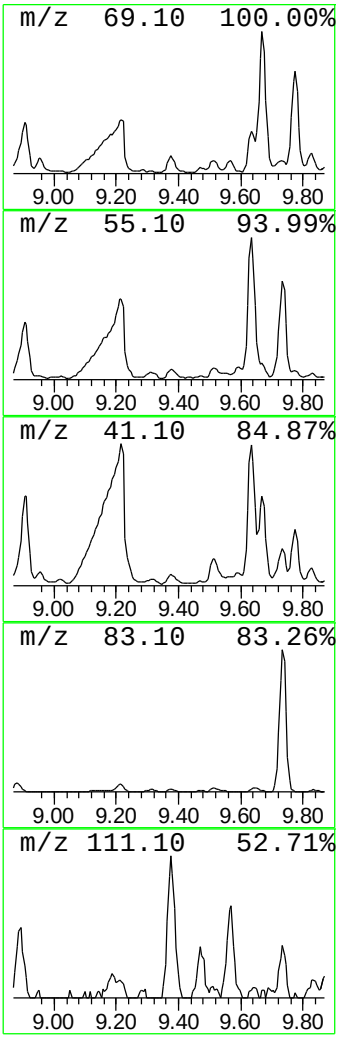
Peak Number 27 (DEL) Alkane: Cyclic9.37 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.09 ng/ul	312850	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	58
2	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	46
3	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	45
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	38
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	30





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

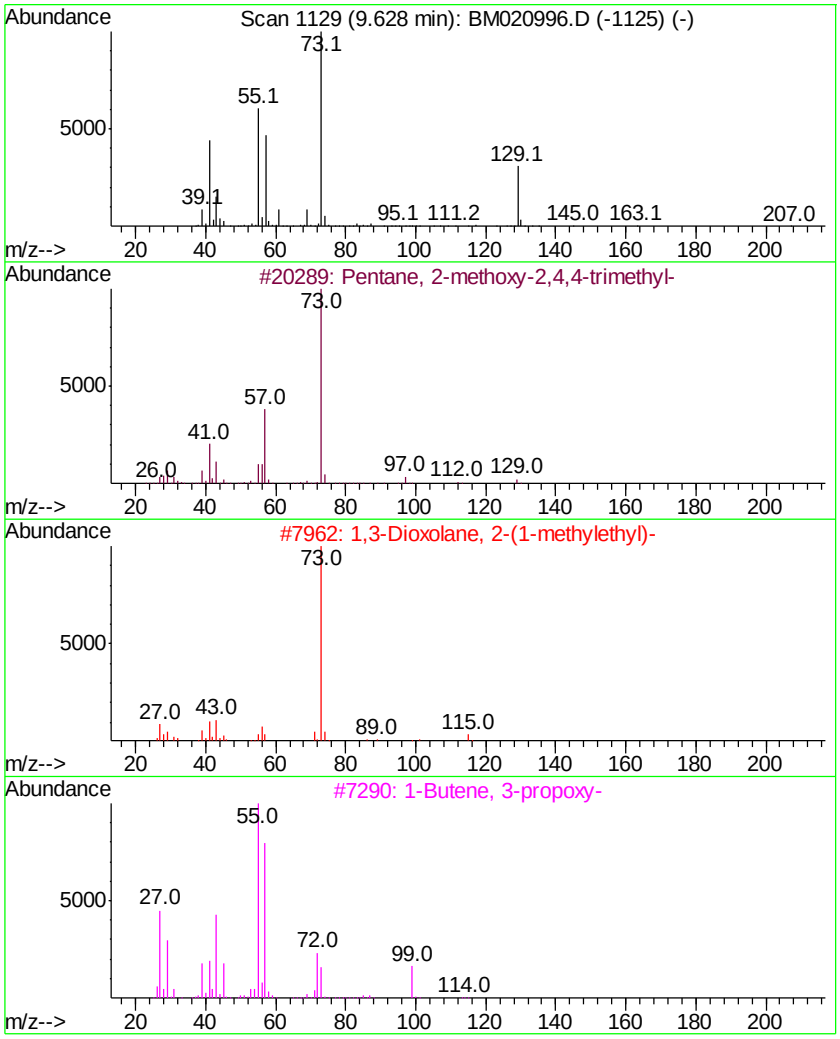
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

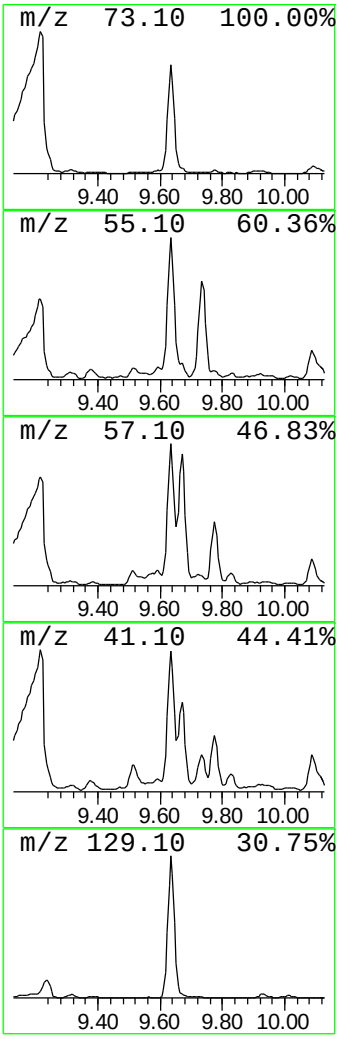
****

Peak Number 28 unknown-13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	23.82 ng/ul	2415300	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methoxy-2,4,4-trimethyl-	144	C9H20O	062108-41-2	25
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
3	1-Butene, 3-propoxy-	114	C7H14O	037027-59-1	9
4	2-Butene, 1-butoxy-, (E)-	128	C8H16O	056052-72-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

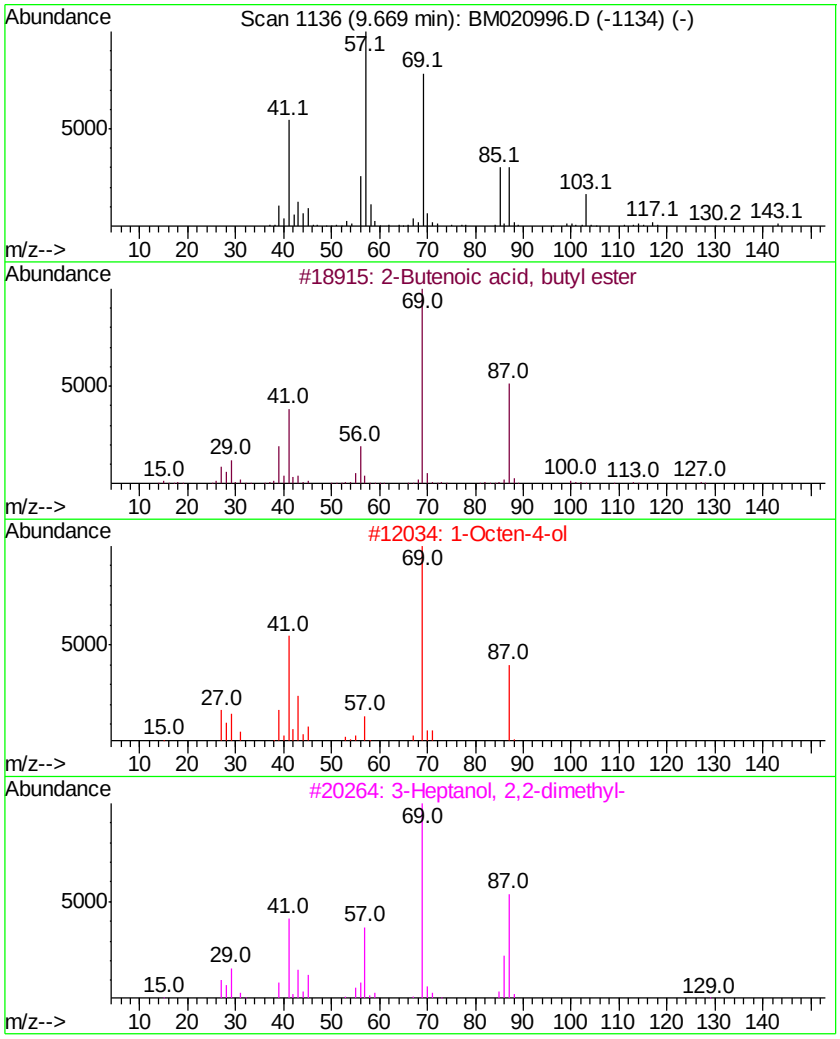
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

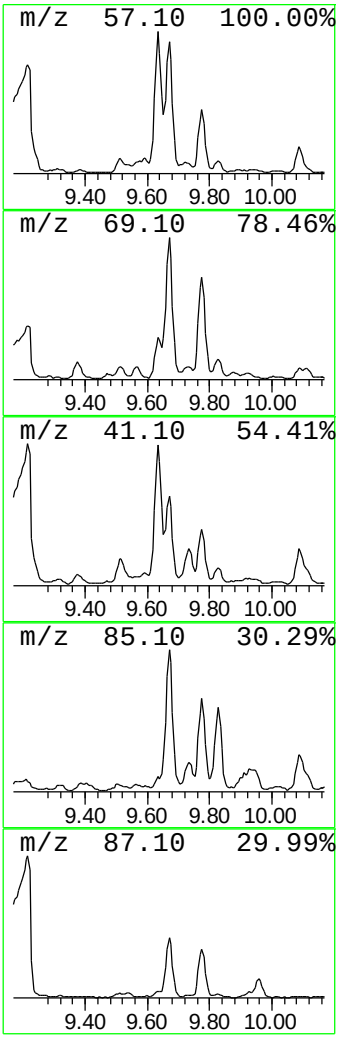
****

Peak Number 29 2-Butenoic acid, butyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	9.80 ng/ul	993558	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, butyl ester	142	C8H14O2	007299-91-4	50
2	1-Octen-4-ol	128	C8H16O	040575-42-6	47
3	3-Heptanol, 2,2-dimethyl-	144	C9H20O	019549-70-3	47
4	2-Propenoic acid, 2-methyl-, 2-h...	130	C6H10O3	000868-77-9	43
5	2-Propenoic acid, 2-methyl-, 1-m...	142	C8H14O2	002998-18-7	42





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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Quant Title : SVOA CALIBRATION

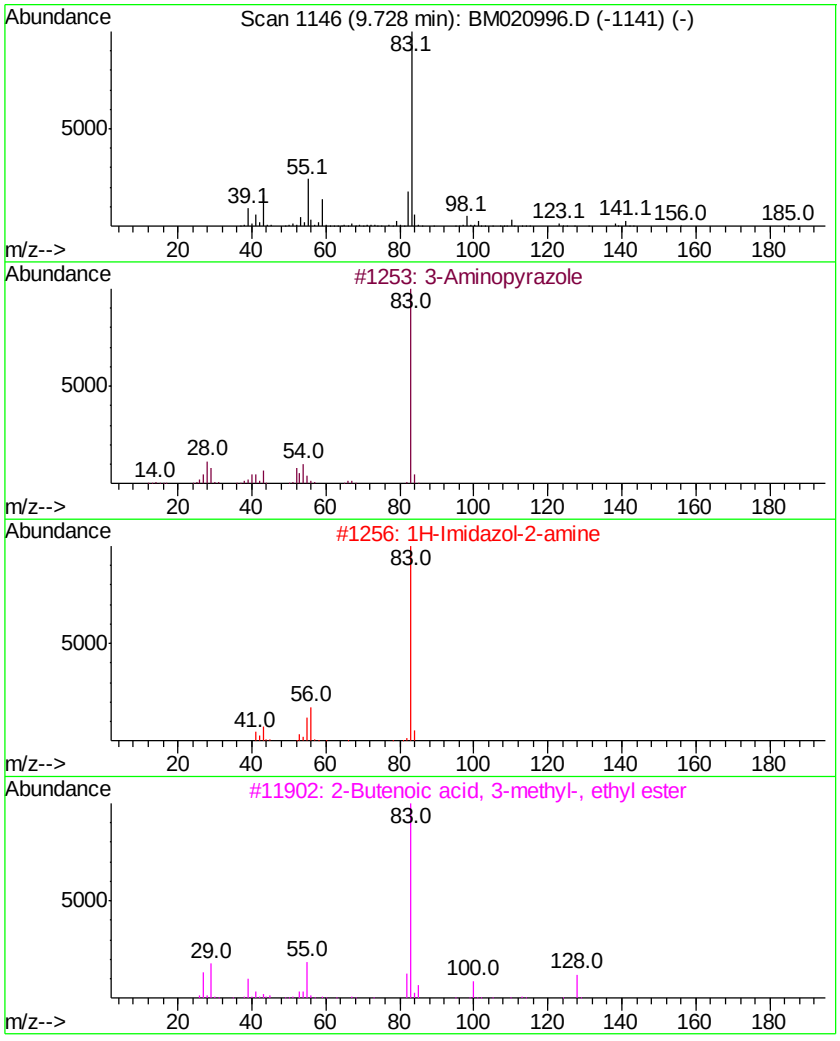
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

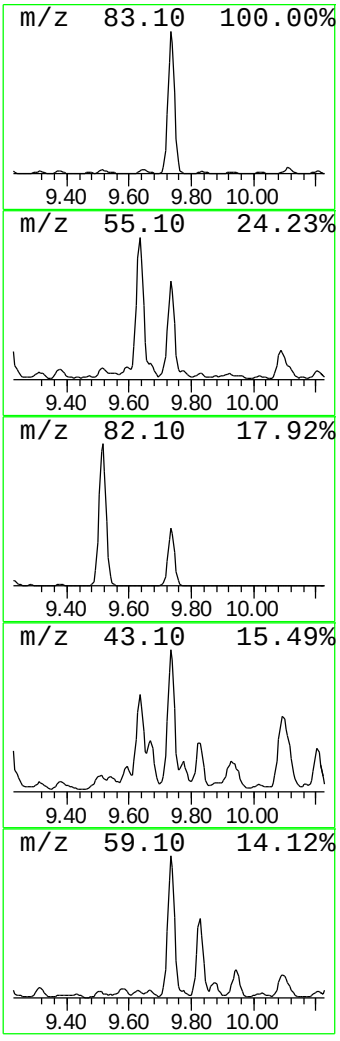
****

Peak Number 30 3-Aminopyrazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	25.82 ng/ul	2617810	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminopyrazole	83	C3H5N3	001820-80-0	50
2	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	42
3	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	39
4	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	38
5	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	36





Library Search Compound Report

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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

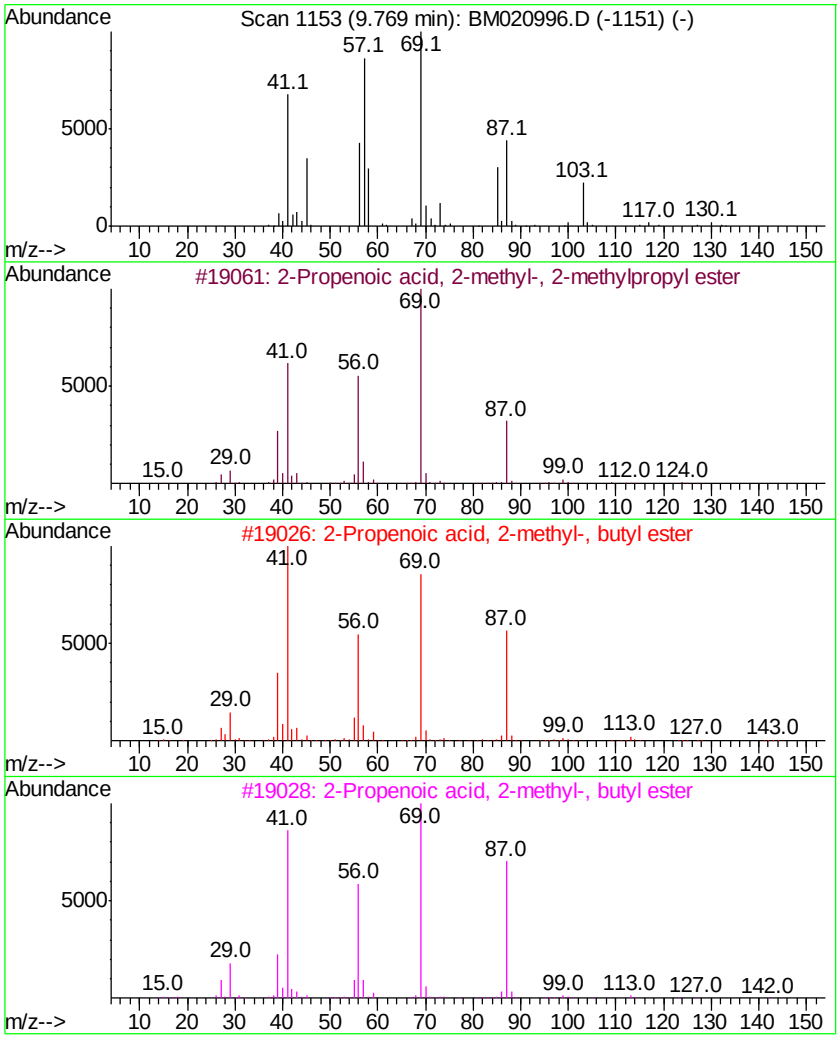
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

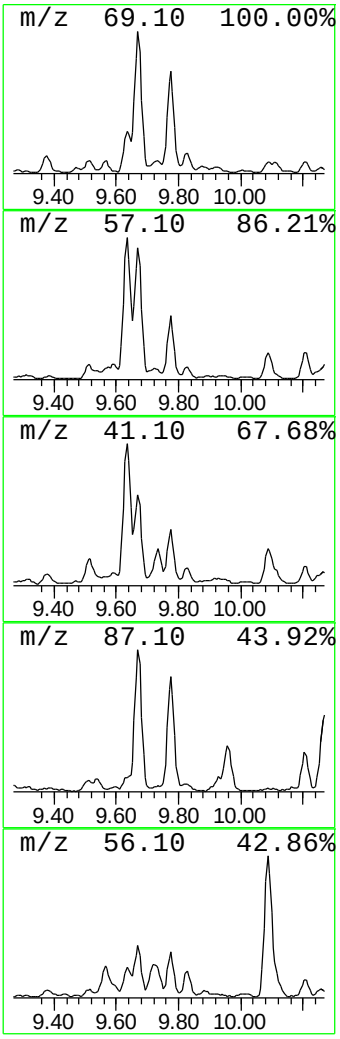
****

Peak Number 31 2-Propenoic acid, 2-methyl-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	7.28 ng/ul	737942	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 2-m...	142	C8H14O2	000097-86-9	50
2	2-Propenoic acid, 2-methyl-, but...	142	C8H14O2	000097-88-1	47
3	2-Propenoic acid, 2-methyl-, but...	142	C8H14O2	000097-88-1	47
4	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	43
5	4-Heptanol, 2,6-dimethyl-4-(1-me...	186	C12H26O	054775-01-8	42





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Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

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

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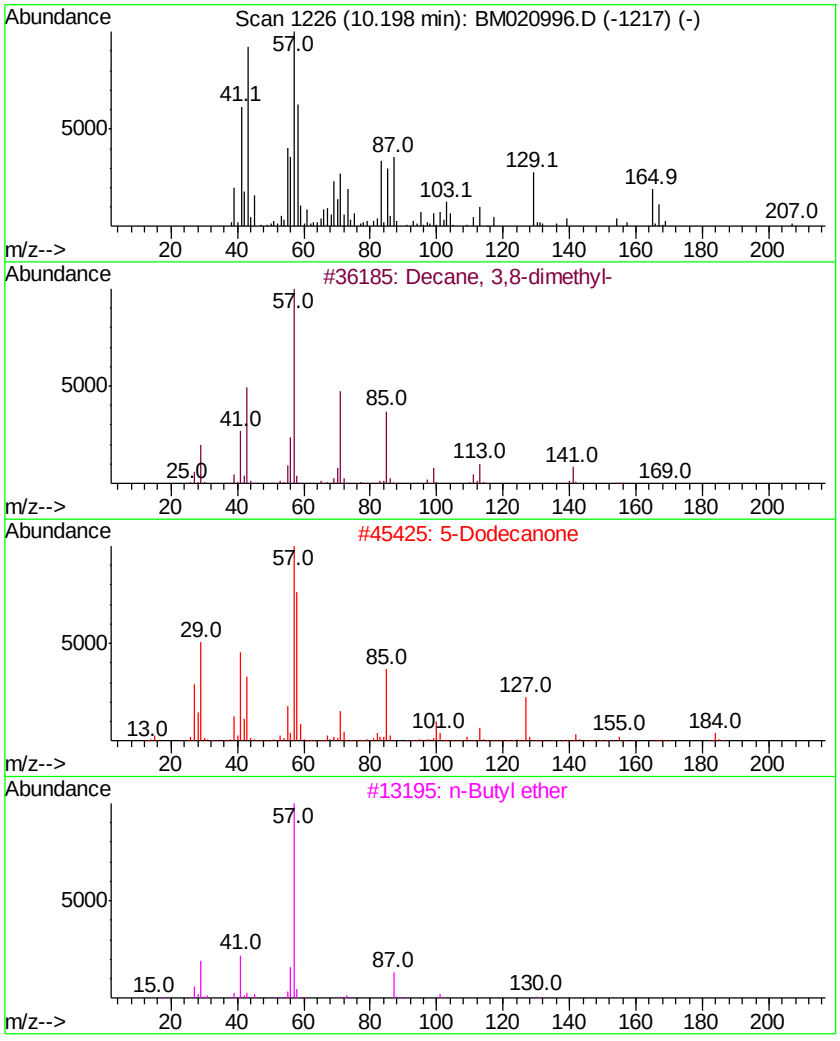
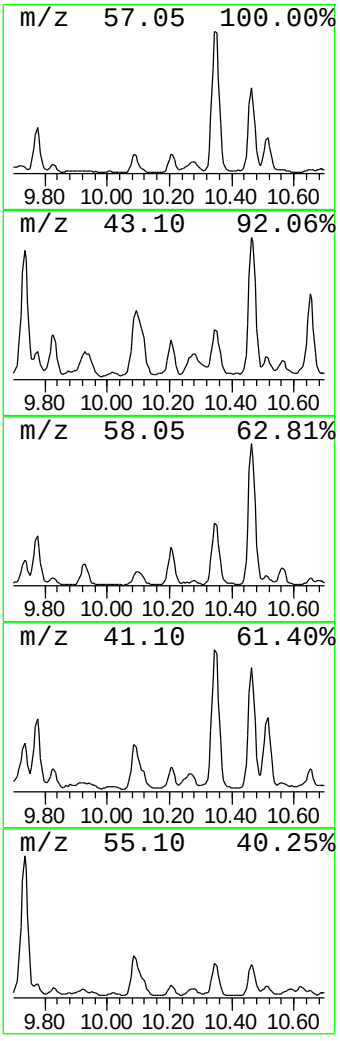
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.88 ng/ul	494552	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	22
2	5-Dodecanone	184	C12H24O	019780-10-0	22
3	n-Butyl ether	130	C8H18O	000142-96-1	22
4	2-Methyl-4-decanone	170	C11H22O	006628-25-7	22
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	18





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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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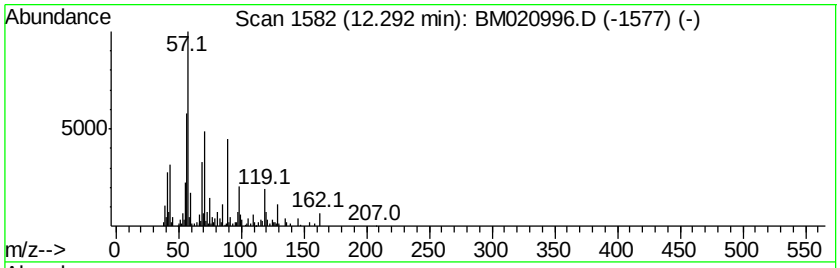
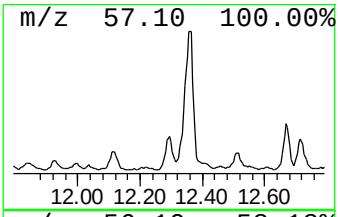
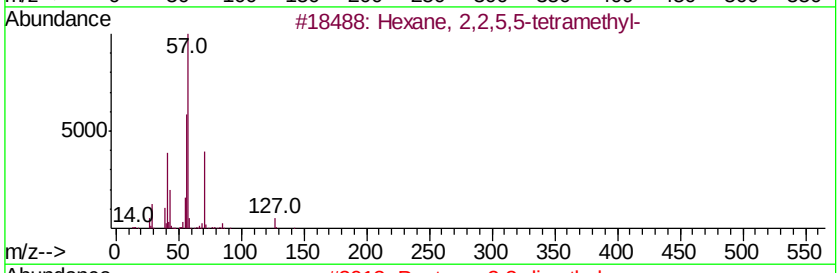
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 60

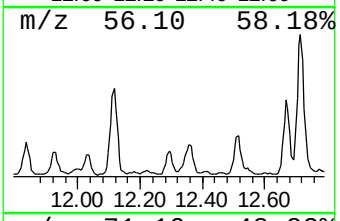
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.65 ng/ul	269137	Naphthalene-d8	10.58

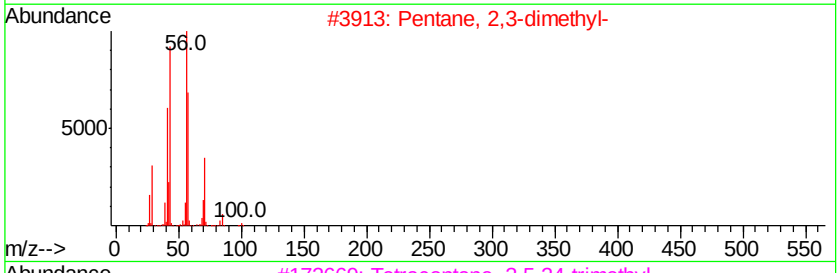
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	35
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	35
4	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	30
5	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	27

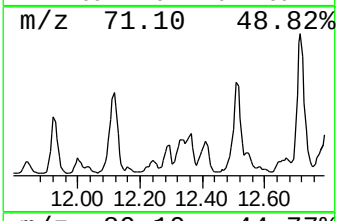


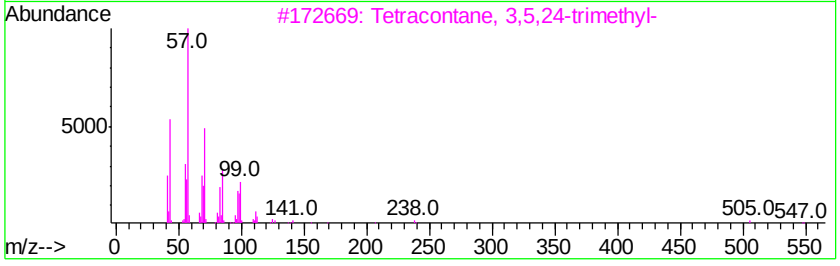


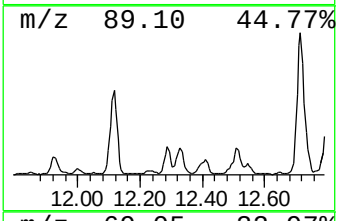


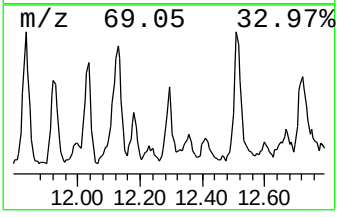












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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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

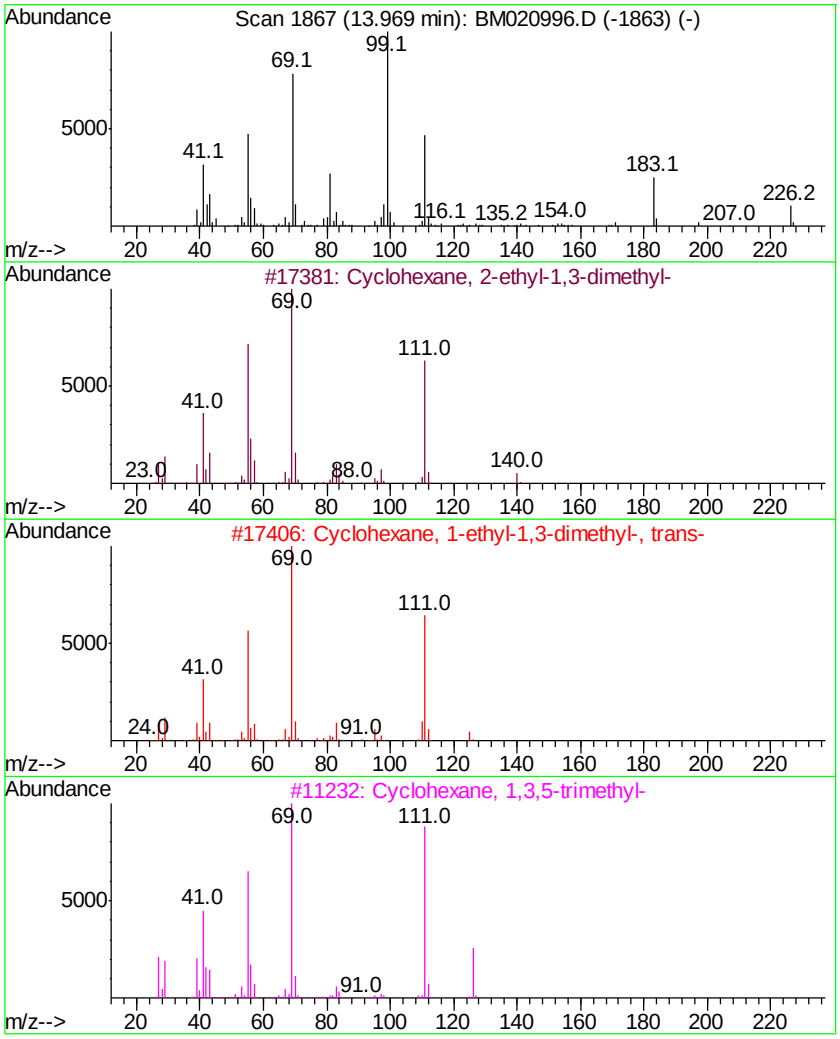
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

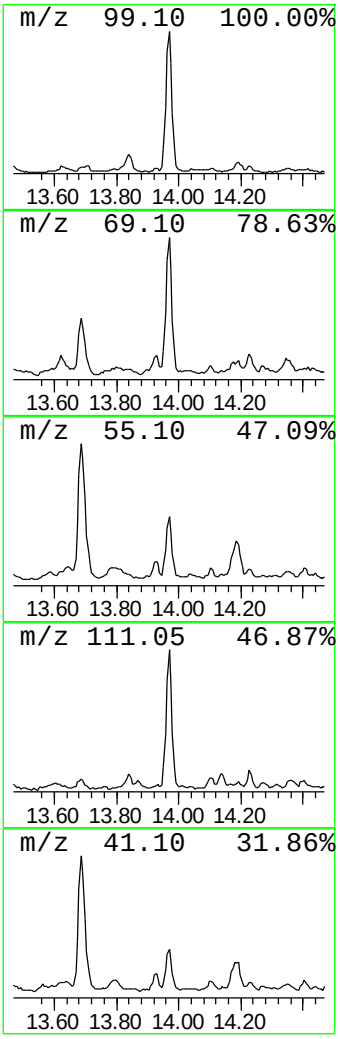
****

Peak Number 65 (DEL) Alkane: Cyclic13.97 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.11 ng/ul	497587	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	38
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	38
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	35
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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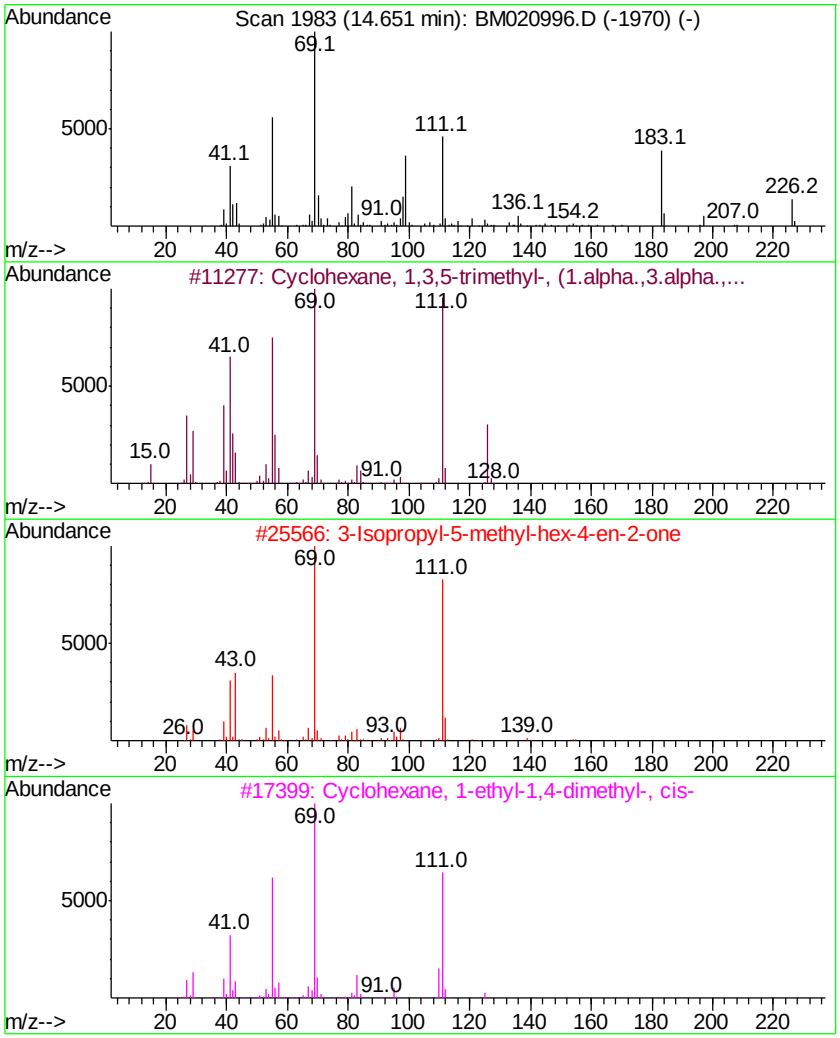
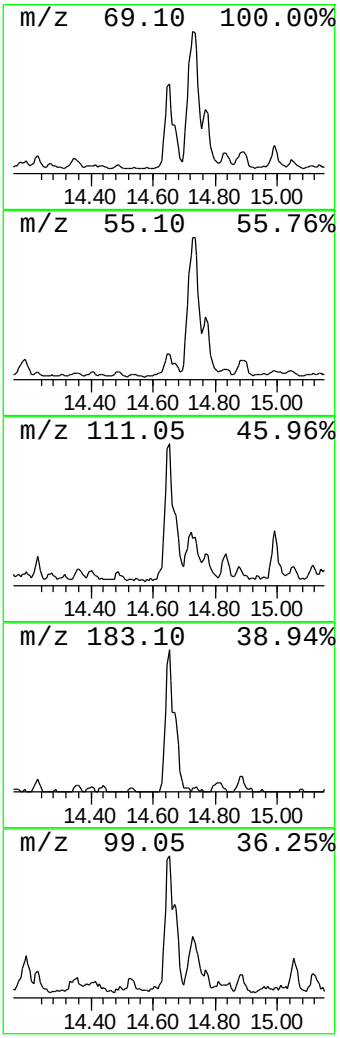
Peak Number 67 (DEL) Alkane: Cyclic14.65 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	5.57 ng/ul	890570	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	43
2	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	43
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	37
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	37





Library Search Compound Report

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Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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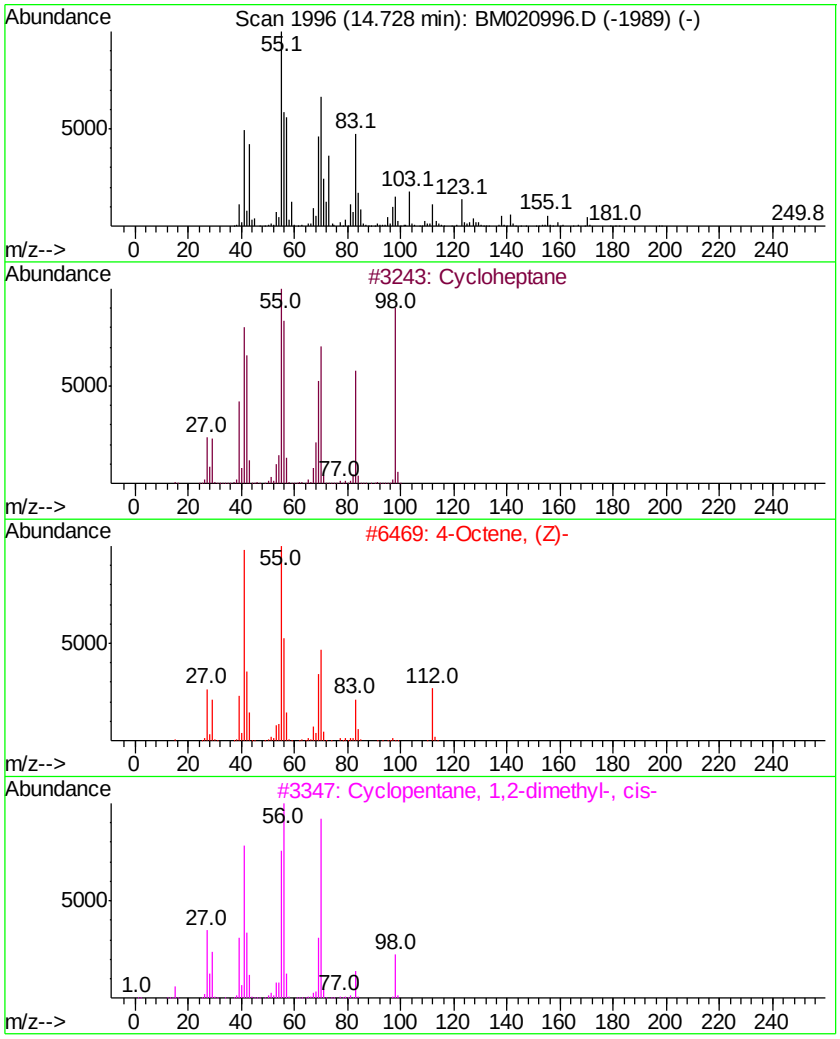
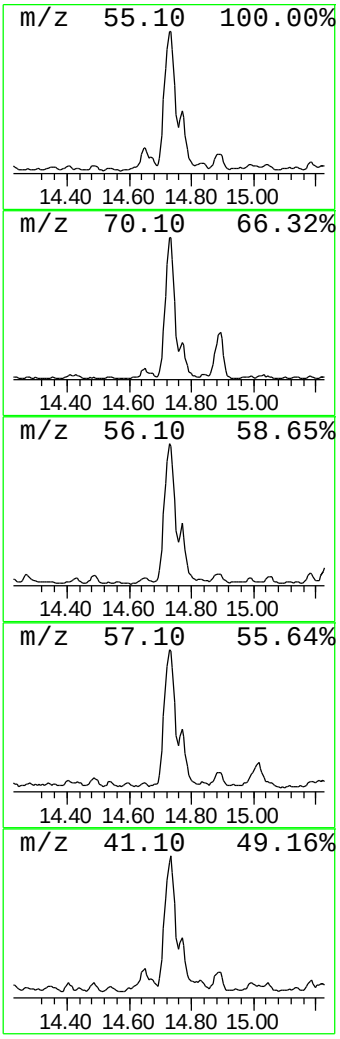
Peak Number 68 (DEL) Alkane: Cyclic14.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	19.26 ng/ul	3080920	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane	98	C7H14	000291-64-5	46
2	4-Octene, (Z)-	112	C8H16	007642-15-1	35
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30
4	2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	27
5	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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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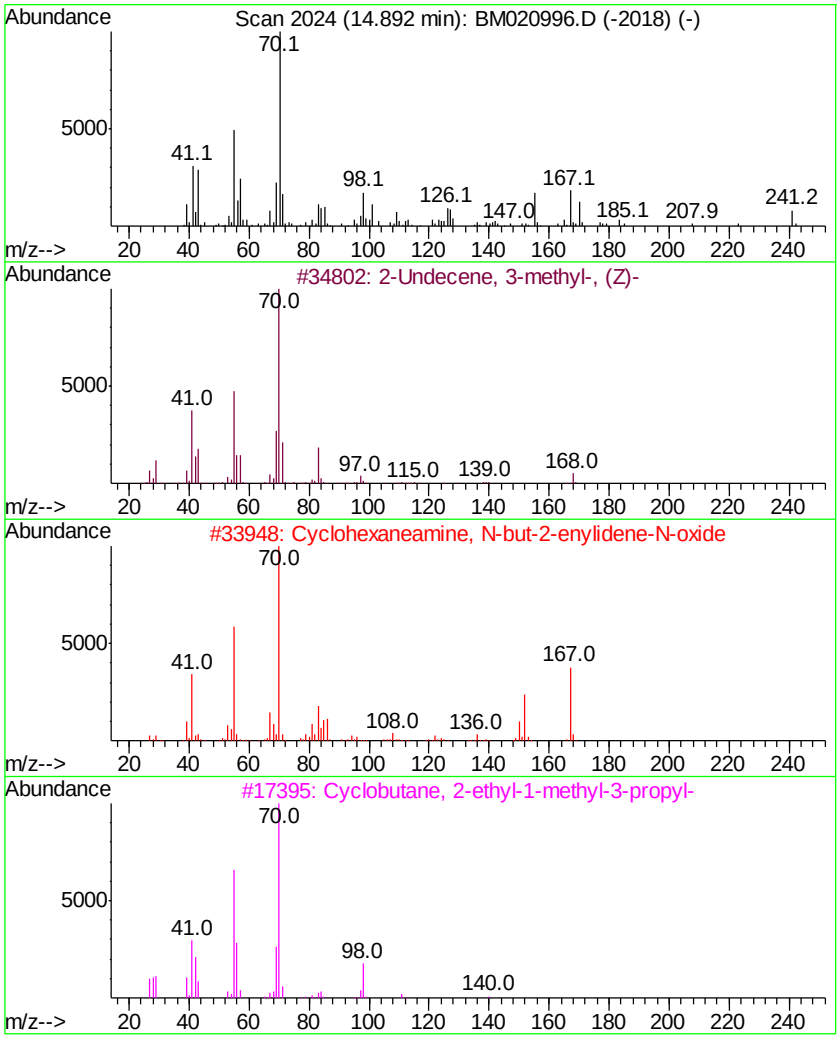
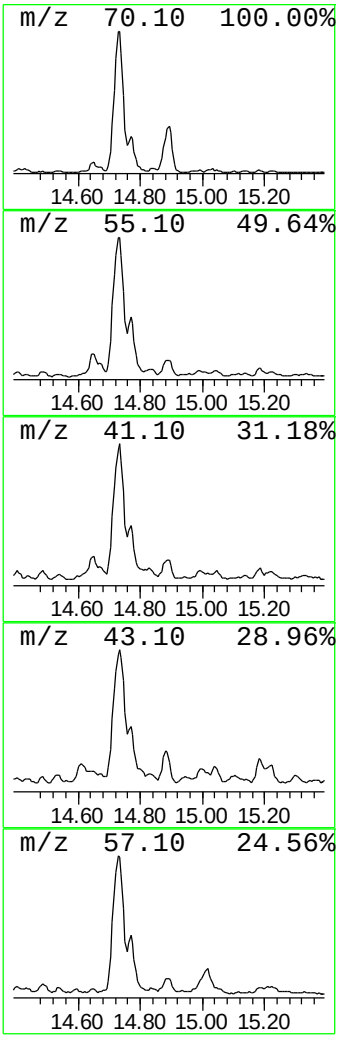
Peak Number 69 (DEL) Alkane: Cyclic14.89 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.78 ng/ul	444115	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	38
2	Cyclohexaneamine, N-but-2-envlid...	167	C10H17NO	068048-01-1	38
3	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	35
4	Cyclobutanone, 2,2,3,4-tetrameth...	126	C8H14O	087481-00-3	35
5	3,3,5-Trimethylcyclohexylamine	141	C9H19N	015901-42-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020996.D
Acq On : 18 Jun 2019 02:01
Operator : HP/JU
Sample : K3215-05DL2 100X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL2

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	3.99	9.2	ng/ul	1565780	1	7.79	3418040	20.0
3-Hexanone, 2-met...	4.27	3.5	ng/ul	606205	1	7.79	3418040	20.0
3-Penten-2-one, 4...	4.34	5.0	ng/ul	858807	1	7.79	3418040	20.0
unknown-01	4.93	12.4	ng/ul	2119910	1	7.79	3418040	20.0
unknown-02	5.38	3.4	ng/ul	576713	1	7.79	3418040	20.0
unknown-03	5.66	2.2	ng/ul	382690	1	7.79	3418040	20.0
Hexylene Glycol	6.13	8.5	ng/ul	1445970	1	7.79	3418040	20.0
unknown-04	6.20	4.2	ng/ul	715148	1	7.79	3418040	20.0
Pentanoic acid, 2...	6.23	2.2	ng/ul	370248	1	7.79	3418040	20.0
(DEL) Alkane: Str...	6.29	5.4	ng/ul	927799	1	7.79	3418040	20.0
1,1-Hexylenedioxy...	6.53	6.3	ng/ul	1074500	1	7.79	3418040	20.0
Hexanoic acid	6.85	5.2	ng/ul	890474	1	7.79	3418040	20.0
4-Heptanone, 2,6-...	6.93	4.0	ng/ul	688207	1	7.79	3418040	20.0
unknown-05	7.05	2.2	ng/ul	381396	1	7.79	3418040	20.0
1-Pentanol, 2-eth...	7.16	3.3	ng/ul	563711	1	7.79	3418040	20.0
2-Heptanone, 4,6-...	7.21	4.1	ng/ul	706844	1	7.79	3418040	20.0
unknown-06	7.59	3.1	ng/ul	534344	1	7.79	3418040	20.0
1-Hexanol, 2-ethyl-	7.85	17.4	ng/ul	2968840	1	7.79	3418040	20.0
unknown-07	8.00	27.4	ng/ul	4691480	1	7.79	3418040	20.0
unknown-08	8.03	45.2	ng/ul	7719500	1	7.79	3418040	20.0
unknown-09	8.12	3.0	ng/ul	514058	1	7.79	3418040	20.0
Cyclohexanone, 3,...	8.22	15.7	ng/ul	2674550	1	7.79	3418040	20.0
unknown-10	8.59	6.8	ng/ul	1163160	1	7.79	3418040	20.0
unknown-11	8.85	2.0	ng/ul	345373	1	7.79	3418040	20.0
unknown-12	8.90	10.6	ng/ul	1814300	1	7.79	3418040	20.0
Hexanoic acid, 2-...	9.22	112.3	ng/ul	11382800	2	10.58	2027690	20.0
(DEL) Alkane: Cyc...	9.37	3.1	ng/ul	312850	2	10.58	2027690	20.0
unknown-13	9.63	23.8	ng/ul	2415300	2	10.58	2027690	20.0
2-Butenoic acid, ...	9.67	9.8	ng/ul	993558	2	10.58	2027690	20.0
3-Aminopyrazole	9.73	25.8	ng/ul	2617810	2	10.58	2027690	20.0
2-Propenoic acid,...	9.77	7.3	ng/ul	737942	2	10.58	2027690	20.0
(DEL) Alkane: Str...	10.20	4.9	ng/ul	494552	2	10.58	2027690	20.0
(DEL) Alkane: Str...	12.29	2.6	ng/ul	269137	2	10.58	2027690	20.0
(DEL) Alkane: Cyc...	13.97	3.1	ng/ul	497587	3	14.43	3199770	20.0
(DEL) Alkane: Cyc...	14.65	5.6	ng/ul	890570	3	14.43	3199770	20.0
(DEL) Alkane: Cyc...	14.73	19.3	ng/ul	3080920	3	14.43	3199770	20.0
(DEL) Alkane: Cyc...	14.89	2.8	ng/ul	444115	3	14.43	3199770	20.0