LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

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-BM060619MA.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	3.640	94	111	118	rBV	3348494	5988712	6.21%	0.613%
2	4.028	157	177	182	rBV	1440816	3909412	4.06%	0.400%
3	4.287	216	221	225	rVB2	6316888	10084639	10.47%	1.032%
4	4.351	225	232	245	rVB	7089230	10393199	10.79%	1.064%
5	4.822	295	312	318	rBV2	798462	2351272	2.44%	0.241%
6	4.957	326	335	346	rVB3	11380140	24203643	25.12%	2.478%
7	5.393	403	409	416	rVV2	4781689	7678425	7.97%	0.786%
8	5.604	436	445	450	rVV2	1138132	2344924	2.43%	0.240%
9	5.687	450	459	462	rVV2	2215151	4877270	5.06%	0.499%
10	5.716	462	464	470	rVV	2144158	3241205	3.36%	0.332%
11	5.875	486	491	504	rVV	2137560	3500437	3.63%	0.358%
12	6.210	532	548	552	rBV	5242417	13915851	14.44%	1.425%
13	6.322	559	567	574	rBV	6103107	10919175	11.33%	1.118%
14	6.551	601	606	614	rVB	8257492	11762726	12.21%	1.204%
15	6.951	670	674	681	rVB	4373867	5904520	6.13%	0.604%
16	7.063	682	693	698	rBV2	3196256	7098873	7.37%	0.727%
17	7.181	704	713	717	rBV2	3360129	5869017	6.09%	0.601%
18	7.228	717	721	726	rVV	4607389	6833292	7.09%	0.700%
19	7.310	726	735	751	rVB4	1566752	4030012	4.18%	0.413%
20	7.445	751	758	764	rVB	1762897	2960517	3.07%	0.303%
21	7.540	764	774	783	rBV	2272170	5053636	5.24%	0.517%
22	7.739	801	808	811	rBV	836485	1930669	2.00%	0.198%
23	7.910	825	837	845	rBV	15887604	36722350	38.11%	3.760%
24	8.034	850	858	861	rVV	27468565	57665952	59.84%	5.904%
25	8.075	861	865	873	rVB	29909951	57622396	59.80%	5.899%
26	8.157	873	879	889	rVB	3449320	5159860	5.35%	0.528%
27	8.257	889	896	907	rVB2	12782253	26294163	27.29%	2.692%
28	8.545	939	945	949	rBV	1706816	3460163	3.59%	0.354%
29	8.616	949	957	965	rVB	7704563	15031864	15.60%	1.539%
30	8.716	965	974	978	rBV4	861464	2176504	2.26%	0.223%
31	8.939	995	1012	1016	rBV3	8289318	22088070	22.92%	2.261%
32	8.986	1016	1020	1026	rVB2	1414676	2156299	2.24%	0.221%
33	9.228	1054	1061	1064	rBV	3805574	7455640	7.74%	0.763%
34	9.398	1087	1090	1096	rBV6	1366091	3200604	3.32%	0.328%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

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-BM060619MA.M
Title : SVOA CALIBRATION

35	9.545	1110	1115	1121	rVB3	12789834	32195526	33.41%	3.296%
36	9.675	1126	1137	1141	rBV	11380476	24996360	25.94%	2.559%
37	9.716	1141	1144	1149	rVV	6187255	8828862	9.16%	0.904%
38	9.781	1149	1155	1158	rVV	11998520	19909321	20.66%	2.038%
39	9.816	1158	1161	1166	rVB	4956053	6226030	6.46%	0.637%
40	9.898	1170	1175	1177	rBV3	1202599	2057328	2.13%	0.211%
41	9.957	1182	1185	1194	rVB5	1383190	3517517	3.65%	0.360%
42	10.139	1207	1216	1218	rBV3	2285986	4202864	4.36%	0.430%
43	10.175	1218	1222	1227	rVB	2811224	4693676	4.87%	0.481%
44	10.239	1227	1233	1240	rBV3	3491831	6451148	6.69%	0.660%
45	10.304	1240	1244	1249	rVB2	1291545	2138707	2.22%	0.219%
46	10.392	1249	1259	1266	rBV	8768909	17998162	18.68%	1.843%
47	10.510	1272	1279	1283	rBV3	9222532	20314117	21.08%	2.080%
48	10.598	1290	1294	1298	rVB	1603467	2662813	2.76%	0.273%
49	10.692	1305	1310	1316	rVB	3697203	5928664	6.15%	0.607%
50	10.869	1331	1340	1343	rBV2	1893118	3852549	4.00%	0.394%
51	10.898	1343	1345	1349	rVV3	1426876	2265959	2.35%	0.232%
52	10.957	1349	1355	1360	rVV2	5724434	11839278	12.29%	1.212%
53	10.998	1360	1362	1366	rVV2	1304108	2059617	2.14%	0.211%
54	11.057	1367	1372	1376	rVV	1227923	2080636	2.16%	0.213%
55	11.139	1376	1386	1390	rVV4	1218428	2890627	3.00%	0.296%
56	11.198	1390	1396	1398	rVV3	1674993	3041308	3.16%	0.311%
57	11.239	1398	1403	1412	rVB	3757558	7039387	7.30%	0.721%
58	11.498	1435	1447	1451	rBV8	604944	1940206	2.01%	0.199%
59	11.575	1451	1460	1463	rBV2	2591083	6057304	6.29%	0.620%
60	11.851	1490	1507	1510	rBV5	2801254	9020098	9.36%	0.923%
61	11.951	1520	1524	1528	rBV	1488474	2060049	2.14%	0.211%
62	12.045	1533	1540	1547	rVB5	1299790	3677094	3.82%	0.376%
63	12.145	1548	1557	1562	rBV2	3133252	5894157	6.12%	0.603%
64	12.316	1580	1586	1590	rBV3	1599207	2651427	2.75%	0.271%
65	12.486	1600	1615	1619	rVB2	4327355	16091882	16.70%	1.647%
66	12.539	1619	1624	1636	rBV3	2084150	4592825	4.77%	0.470%
67	12.698	1645	1651	1654	rBV	1428865	2308023	2.40%	0.236%
68	12.745	1654	1659	1665	rVB	4155096	6385492	6.63%	0.654%
69	12.827	1665	1673	1676	rBV2	2477722	5992790	6.22%	0.614%
70	12.863	1676	1679	1687	rVB	4634318	6844739	7.10%	0.701%
71	12.963	1690	1696	1701	rVB5	1514098	2607419	2.71%	0.267%

LSC Area Percent Report

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Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

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-BM060619MA.M
Title : SVOA CALIBRATION

72	13.104	1716	1720	1727	rVB2	2751635	4120763	4.28%	0.422%
73	13.198	1727	1736	1741	rBV2	6893610	12151185	12.61%	1.244%
74	13.292	1748	1752	1759	rVB3	1644891	3122338	3.24%	0.320%
75	13.410	1767	1772	1781	rVB2	8786626	15358472	15.94%	1.572%
76	13.486	1781	1785	1795	rVB2	1851966	3628751	3.77%	0.372%
77	13.580	1795	1801	1804	rBV2	1067036	2033996	2.11%	0.208%
78	13.716	1818	1824	1833	rVB	10108971	16317691	16.93%	1.671%
79	13.810	1835	1840	1845	rBV4	1343662	2234823	2.32%	0.229%
80	13.986	1866	1870	1878	rVB	3037495	4572442	4.74%	0.468%
81	14.127	1890	1894	1899	rVV3	1060261	1928735	2.00%	0.197%
82	14.210	1902	1908	1912	rVV3	2358054	5291865	5.49%	0.542%
83	14.445	1941	1948	1954	rVB2	2448976	4888058	5.07%	0.500%
84	14.657	1980	1984	1993	rVB2	3438294	6029249	6.26%	0.617%
85	14.768	1993	2003	2007	rBV4	9943727	29955200	31.09%	3.067%
86	14.910	2022	2027	2033	rVB3	1962772	3822622	3.97%	0.391%
87	14.998	2037	2042	2046	rBV3	1391758	2855108	2.96%	0.292%
88	15.080	2050	2056	2060	rVB	6950541	10555543	10.95%	1.081%
89	15.592	2136	2143	2148	rVV	9581796	15472557	16.06%	1.584%
90	15.933	2196	2201	2210	rVB4	1219149	2419711	2.51%	0.248%
91	16.251	2249	2255	2257	rVV	5872701	9368530	9.72%	0.959%
92	16.286	2257	2261	2267	rVB	19511082	27704613	28.75%	2.836%
93	16.862	2350	2359	2364	rBV	48136037	96364972	100.00%	9.866%
94	17.192	2410	2415	2419	rBV2	2917782	3992936	4.14%	0.409%
95	17.286	2427	2431	2439	rVB2	872528	1997955	2.07%	0.205%
96	17.551	2471	2476	2487	rVV	5374194	10809967	11.22%	1.107%
97	18.786	2681	2686	2701	rVB6	1016346	2452958	2.55%	0.251%
98	19.133	2740	2745	2753	rBV	1608287	2535262	2.63%	0.260%
99	21.368	3120	3125	3130	rBV	2973050	3749883	3.89%	0.384%
100	23.650	3506	3513	3525	rVB	1979964	3827971	3.97%	0.392%

Sum of corrected areas: 976763408

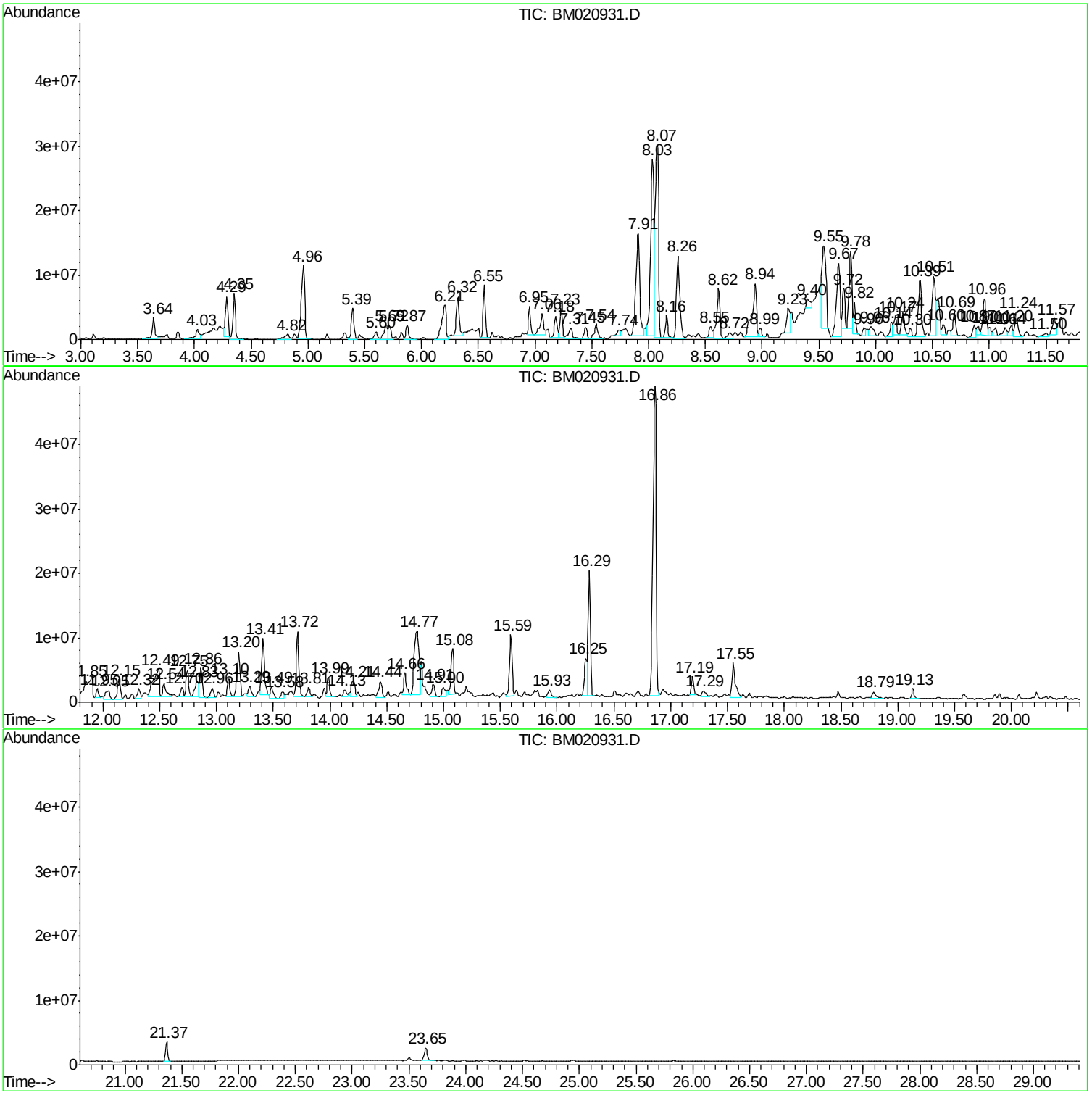
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

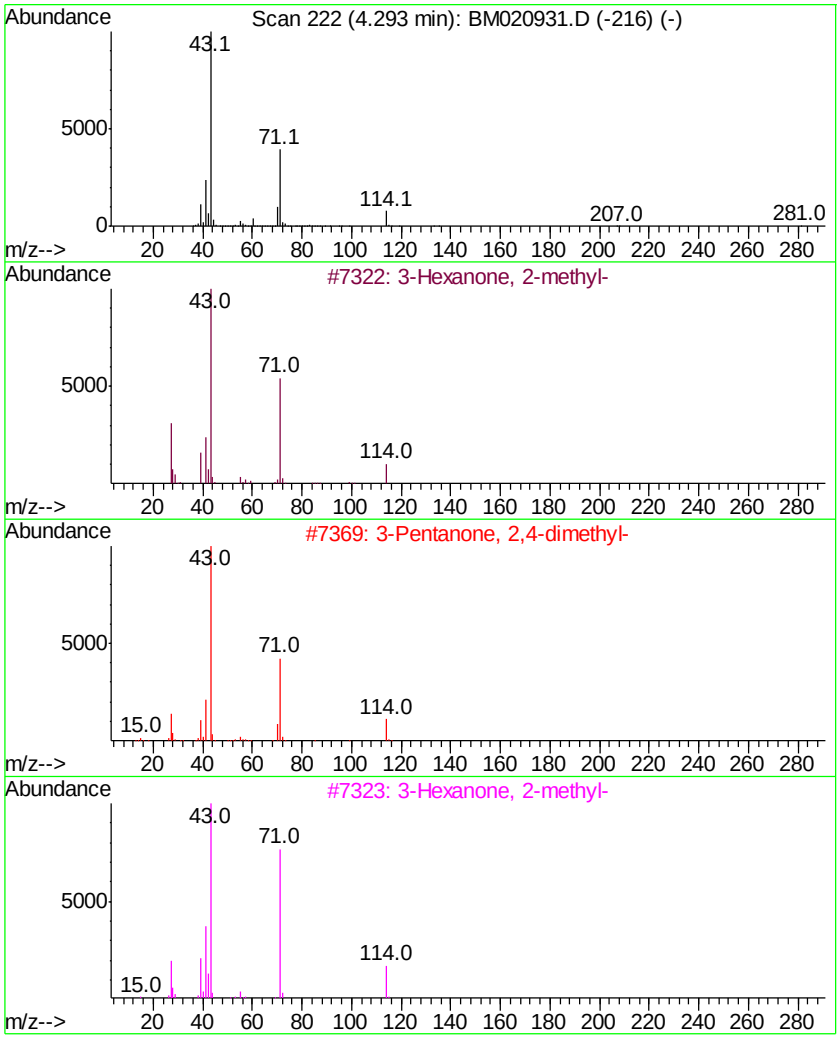
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

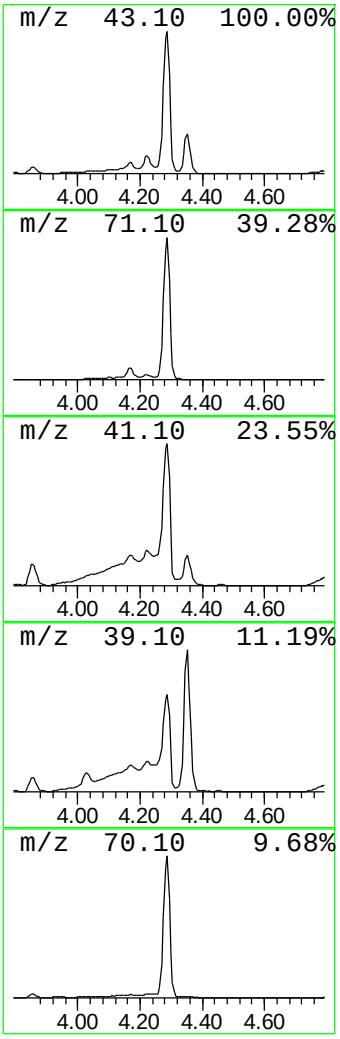
****

Peak Number 3 3-Hexanone, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	104.47 ng/ul	10084600	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	47
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	47
5	4-Heptanone	114	C7H14O	000123-19-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

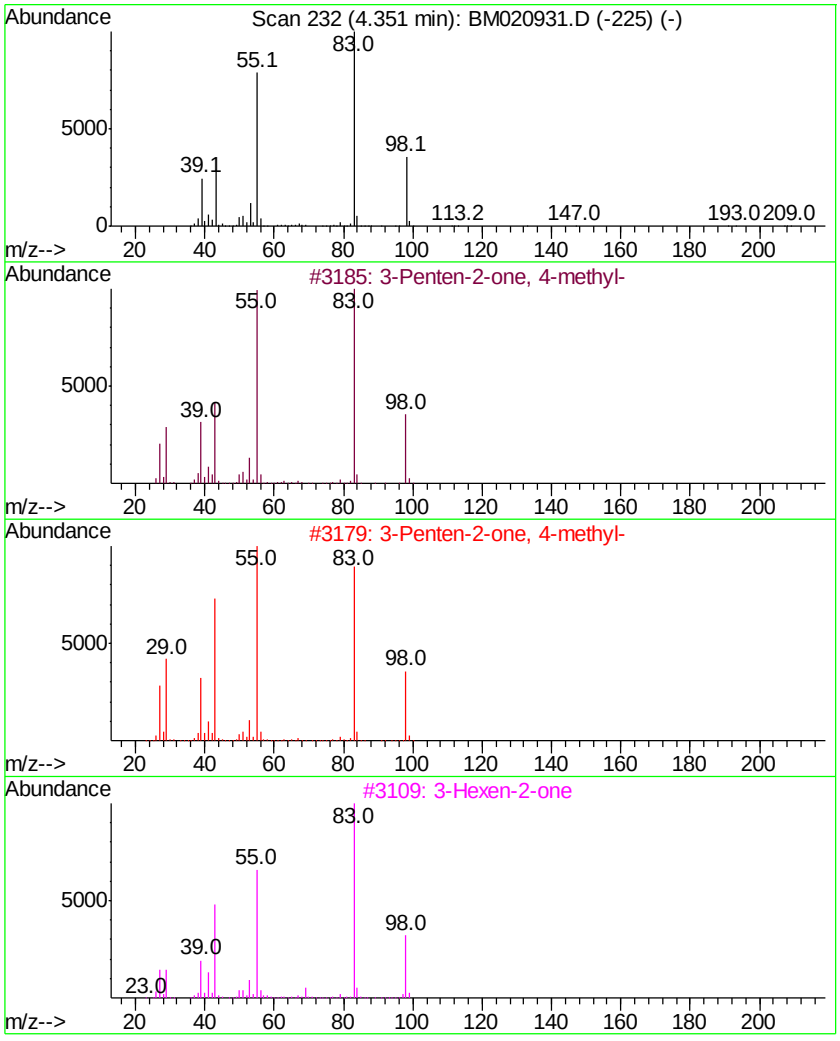
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

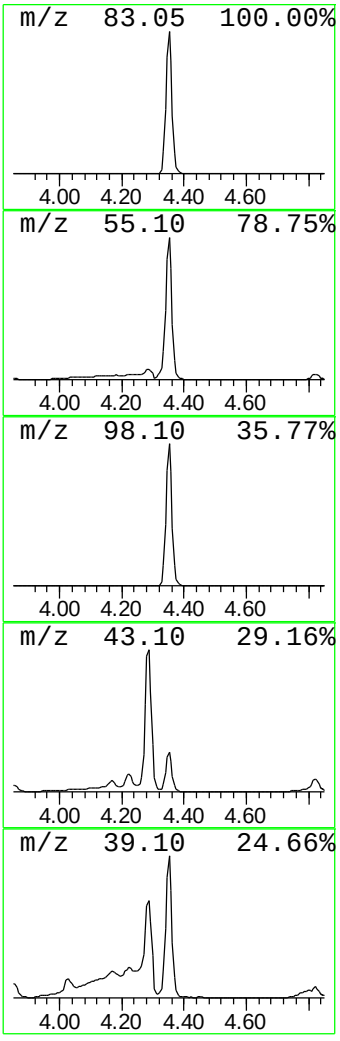
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	107.66 ng/ul	10393200	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

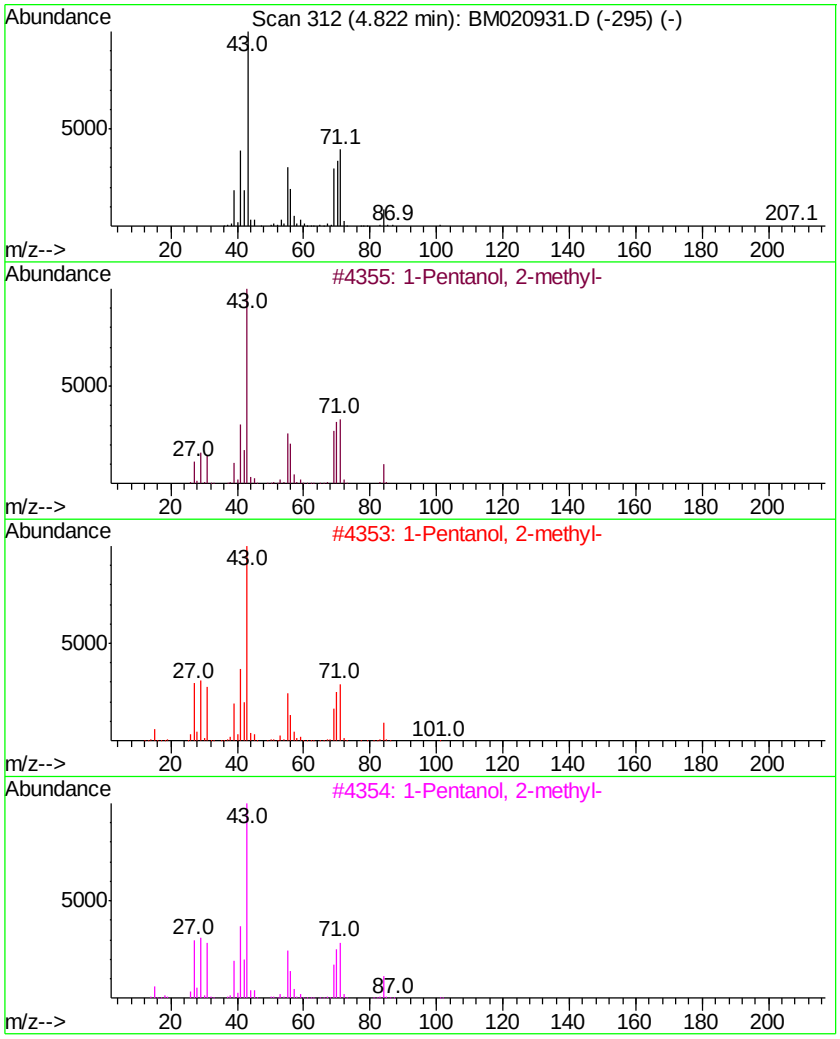
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

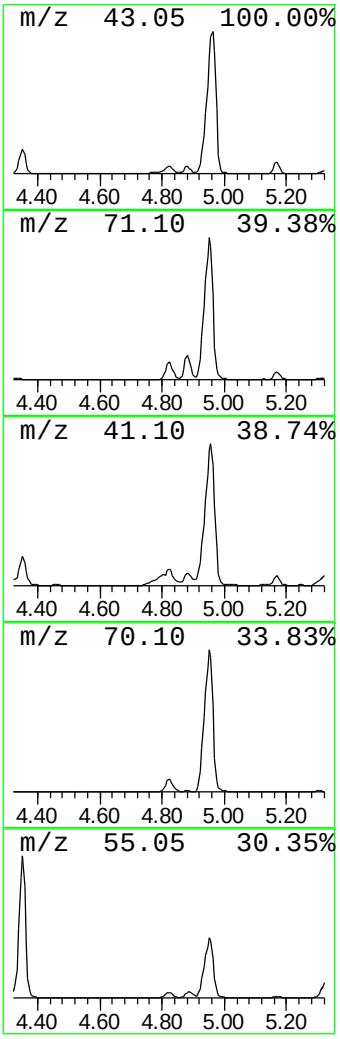
****

Peak Number 5 1-Pentanol, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	24.36 ng/ul	2351270	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	90
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	83
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	83
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	83
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

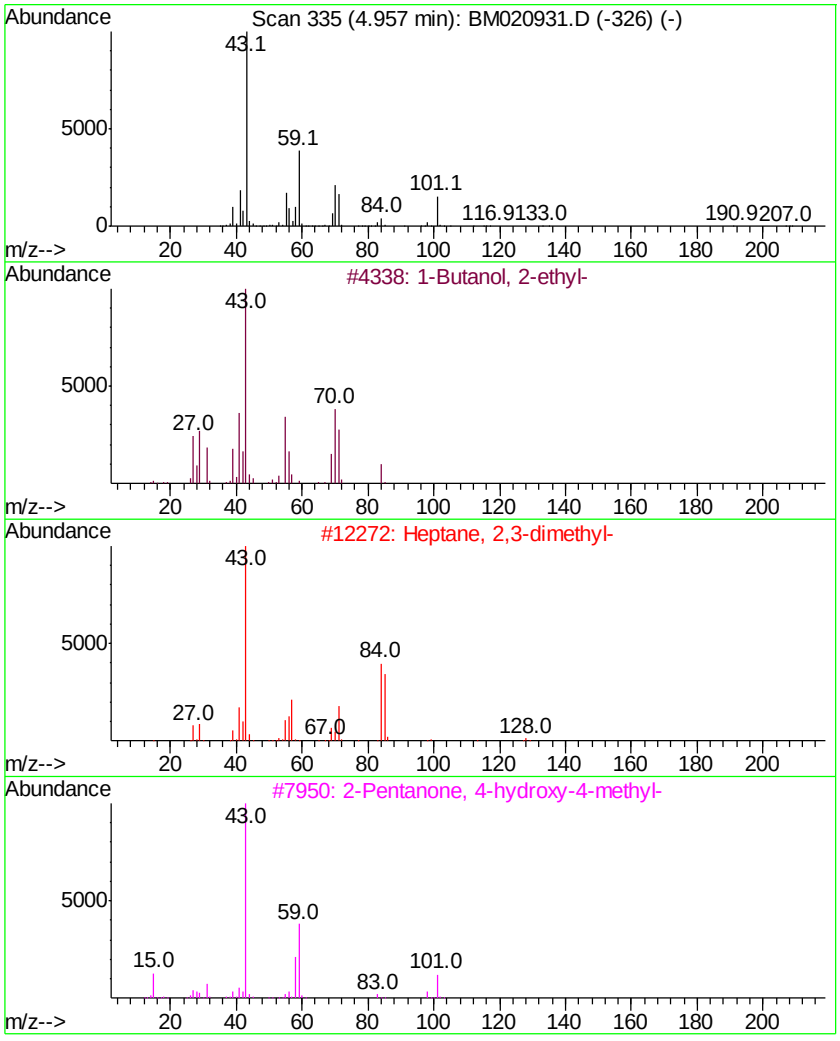
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

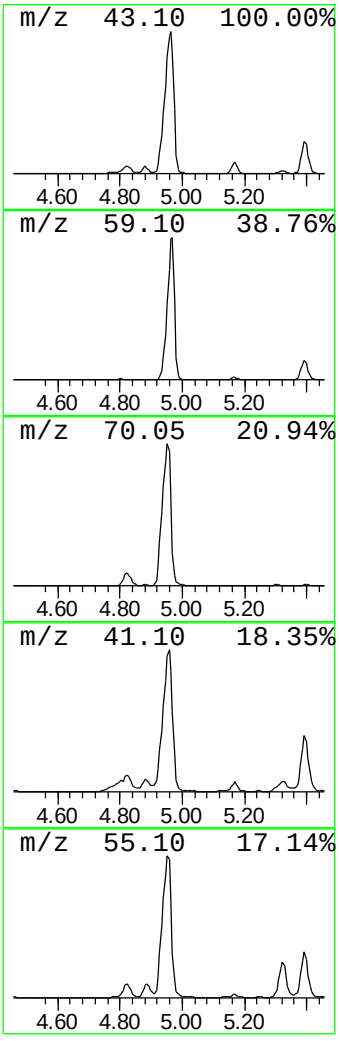
****

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	250.73 ng/ul	24203600	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	35
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	27
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

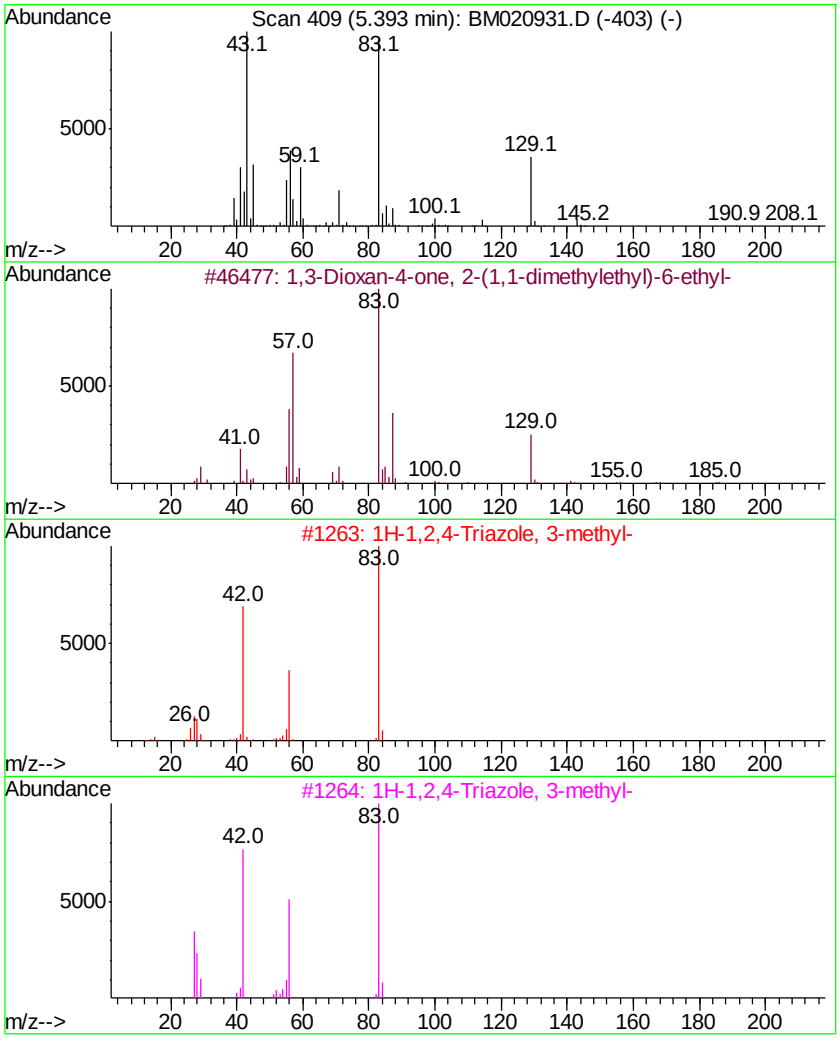
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

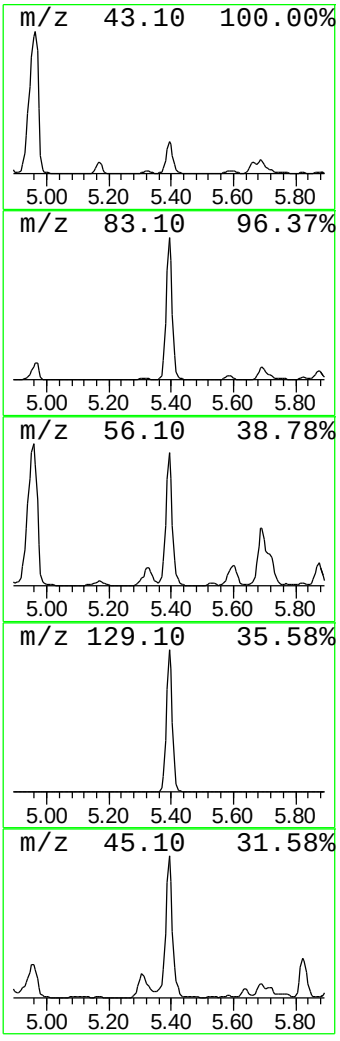
****

Peak Number 7 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	79.54 ng/ul	7678430	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	45
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
4	Cyclohexanecarboxylic acid, 2-me...	184	C11H20O2	037139-85-8	36
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	36





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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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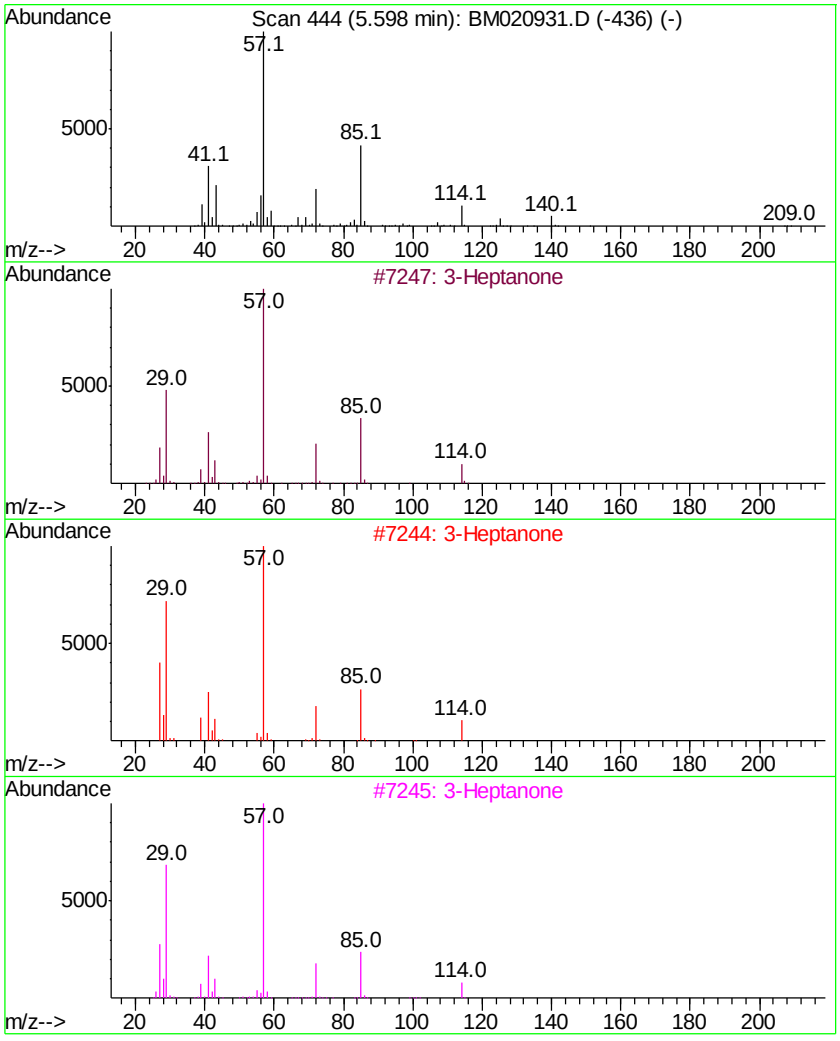
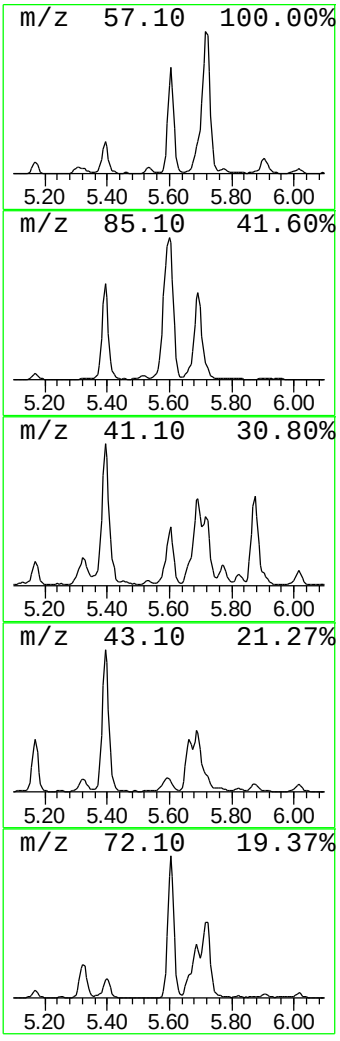
Peak Number 8 3-Heptanone Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	24.29 ng/ul	2344920	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	74
2	3-Heptanone	114	C7H14O	000106-35-4	72
3	3-Heptanone	114	C7H14O	000106-35-4	68
4	3-Heptanone	114	C7H14O	000106-35-4	58
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	53





Library Search Compound Report

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Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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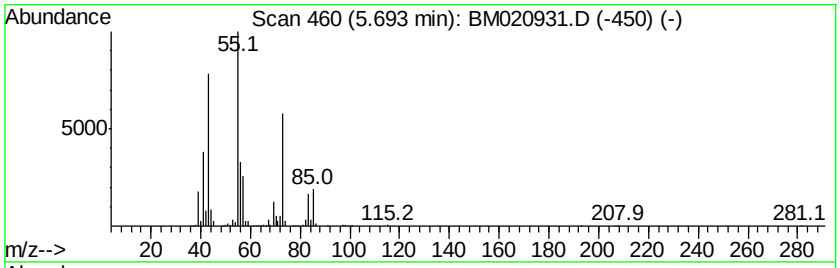
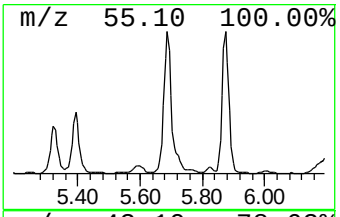
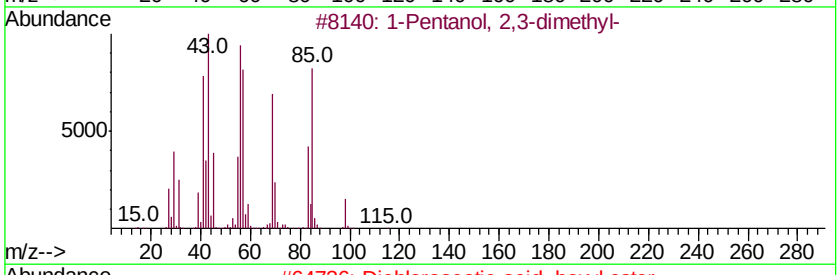
Peak Number 9 unknown-03 Concentration Rank 28

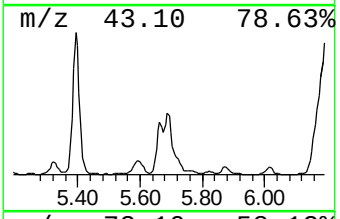
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	50.52 ng/ul	4877270	1,4-Dichlorobenzene-d4	7.80

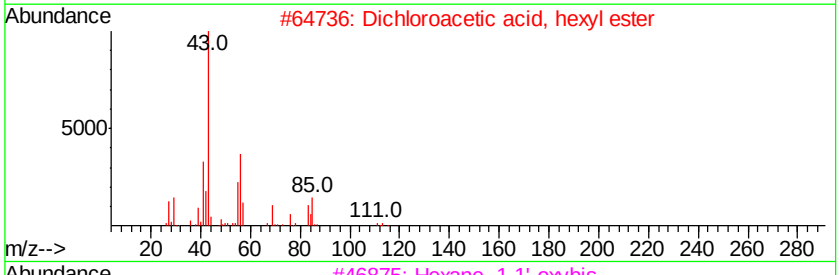
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	43
2	Dichloroacetic acid, hexyl ester	212	C8H14Cl2O2	037079-04-2	38
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	38
4	2-Propenamide, N-methyl-	85	C4H7NO	001187-59-3	27
5	2-Propenamide, N-methyl-	85	C4H7NO	001187-59-3	27

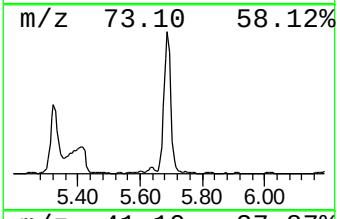


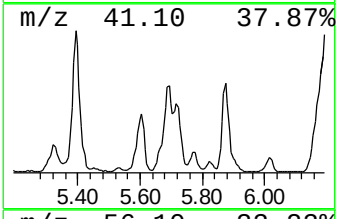


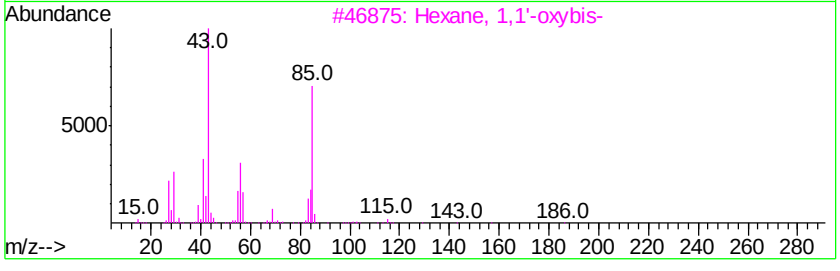


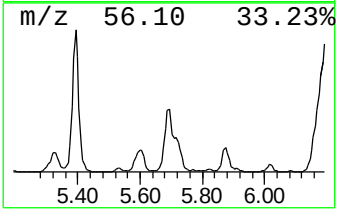












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Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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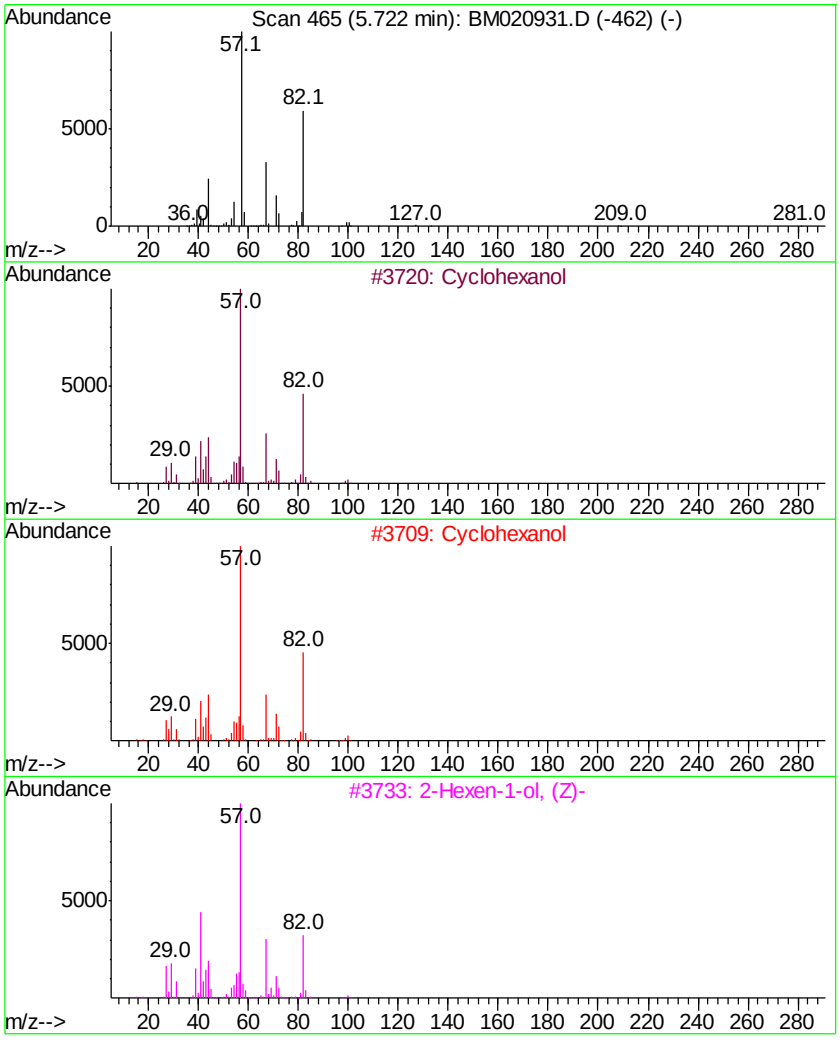
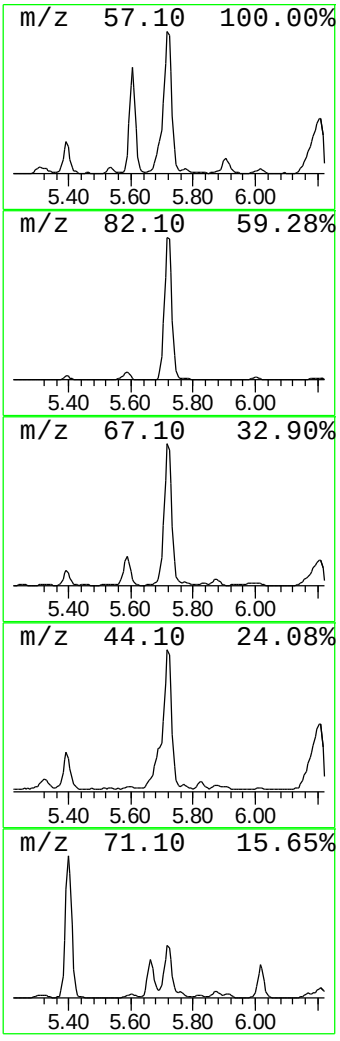
Peak Number 10 Cyclohexanol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	33.58 ng/ul	3241210	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	91
2	Cyclohexanol	100	C6H12O	000108-93-0	74
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	72
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	64
5	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	53





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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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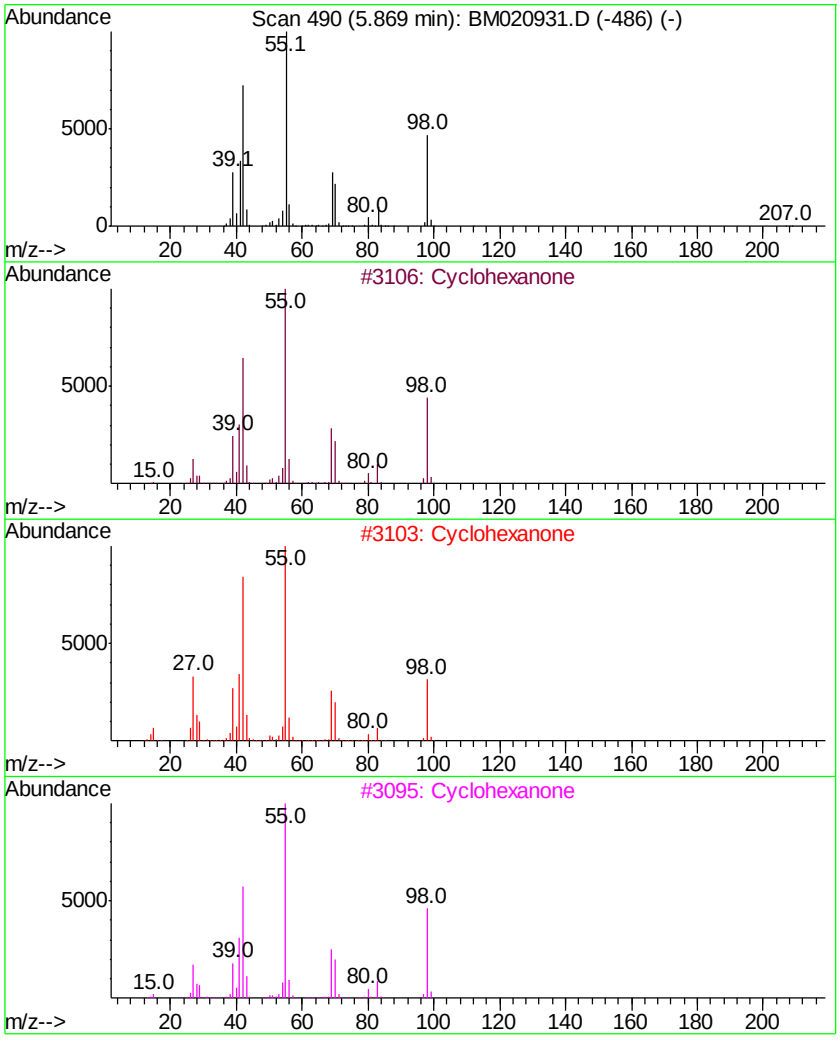
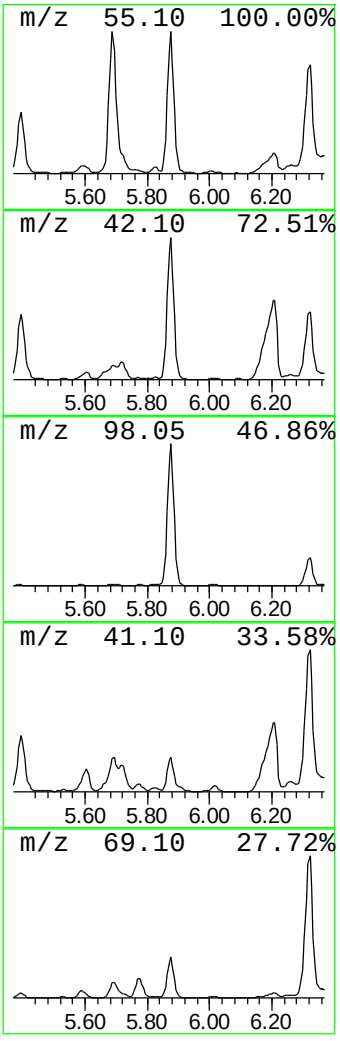
Peak Number 11 Cyclohexanone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	36.26 ng/ul	3500440	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	90
5	Cyclohexanone	98	C6H10O	000108-94-1	83





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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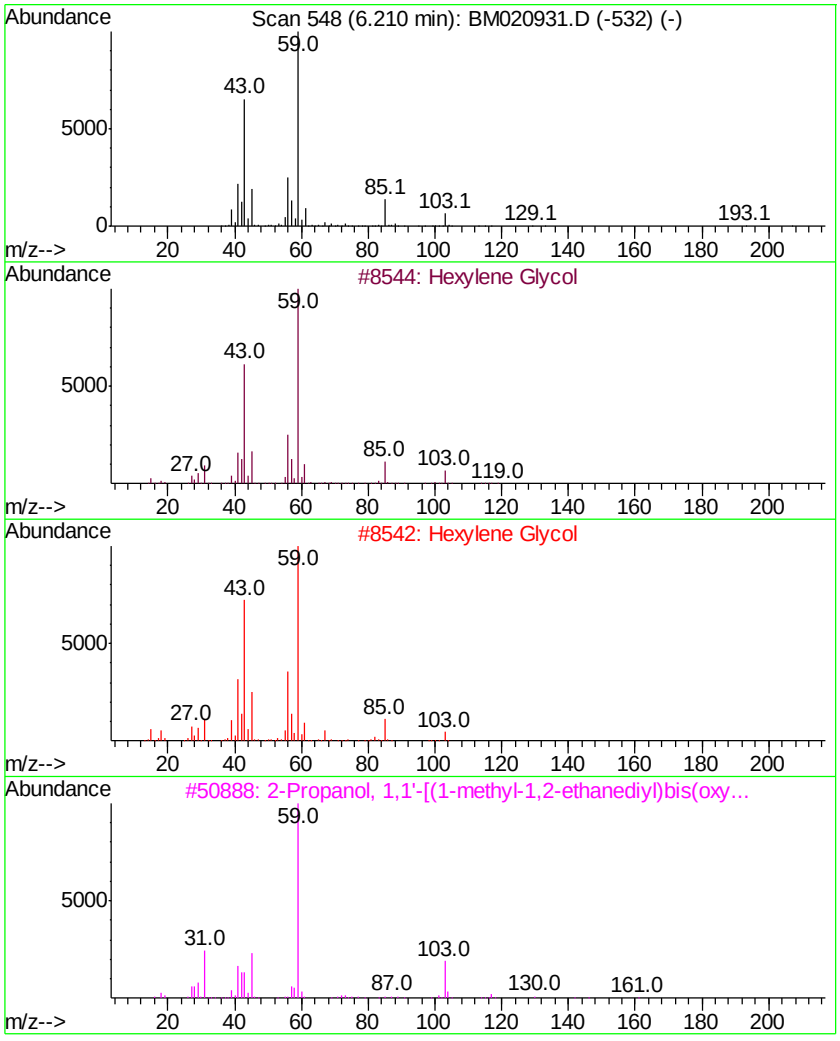
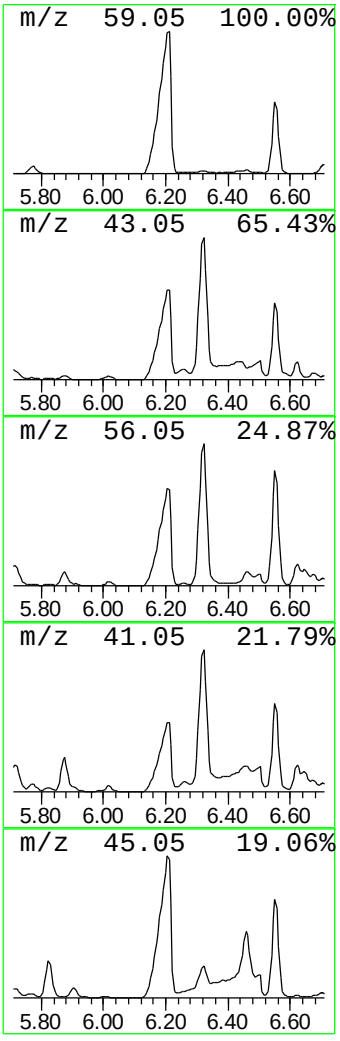
Peak Number 12 Hexylene Glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	144.16 ng/ul	13915900	1,4-Dichlorobenzene-d4	7.80

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	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	45





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Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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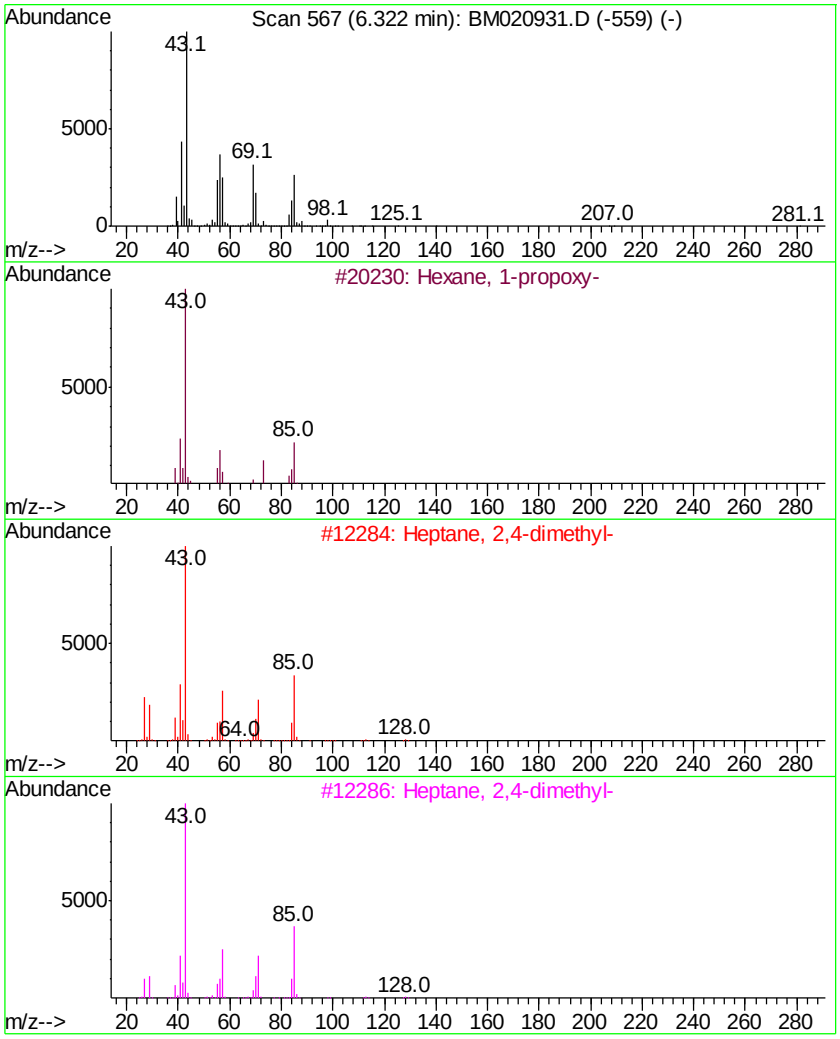
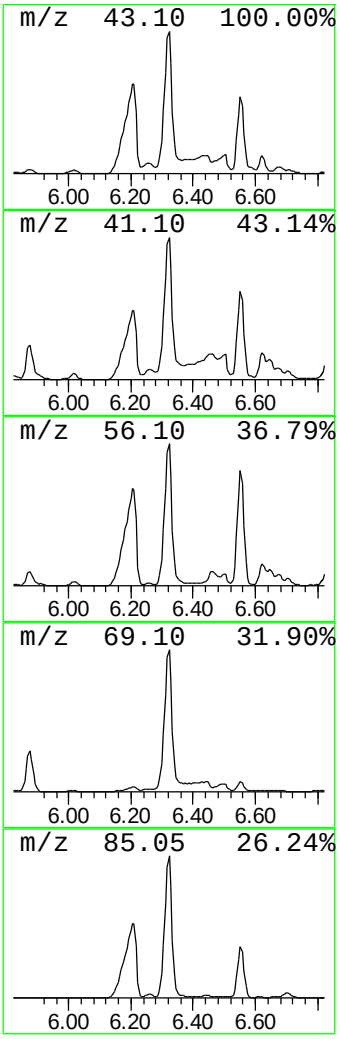
Peak Number 13 Hexane, 1-propoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	113.11 ng/ul	10919200	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	53





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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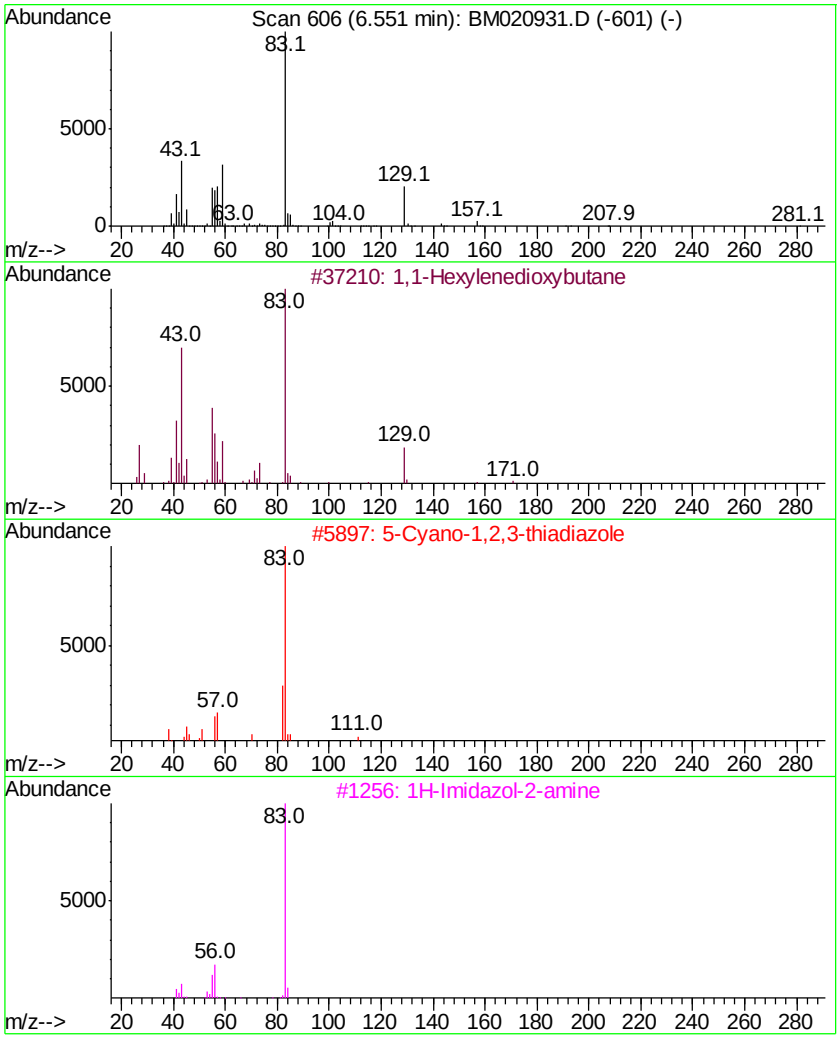
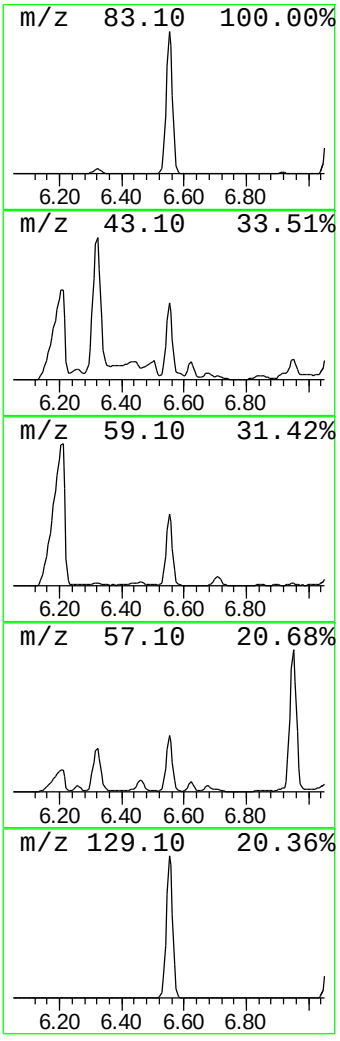
Peak Number 14 1,1-Hexylenedioxybutane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	121.85 ng/ul	11762700	1,4-Dichlorobenzene-d4	7.80

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	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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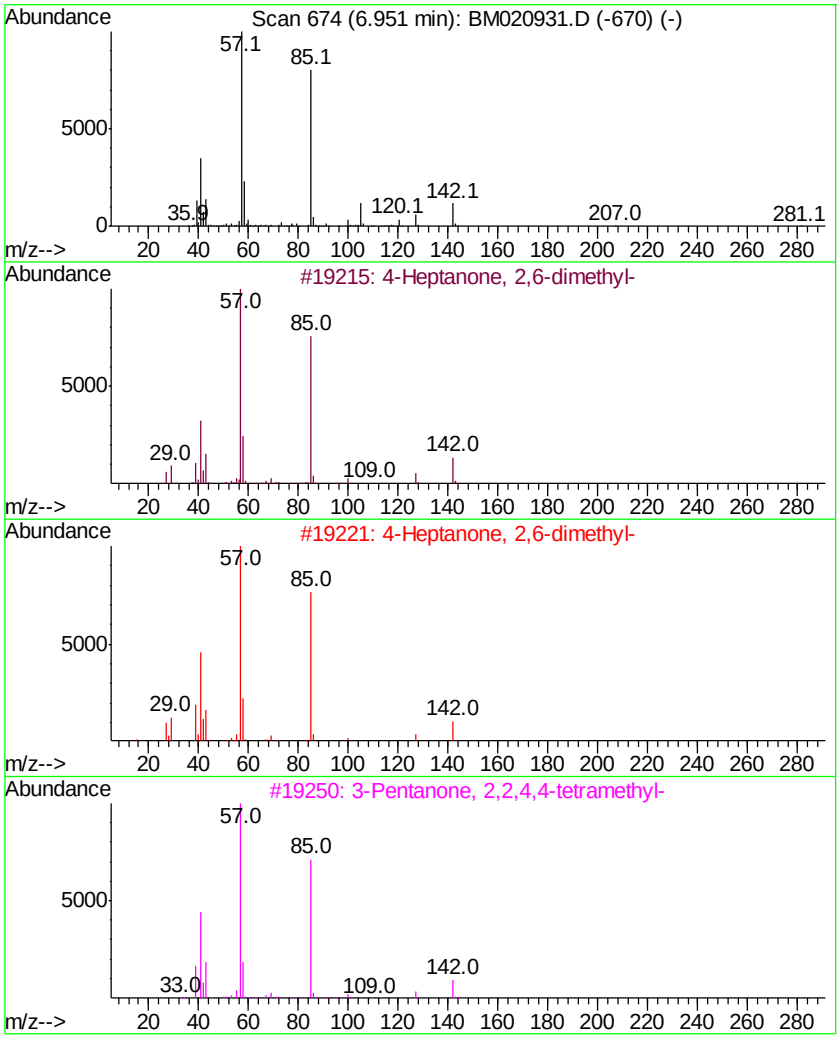
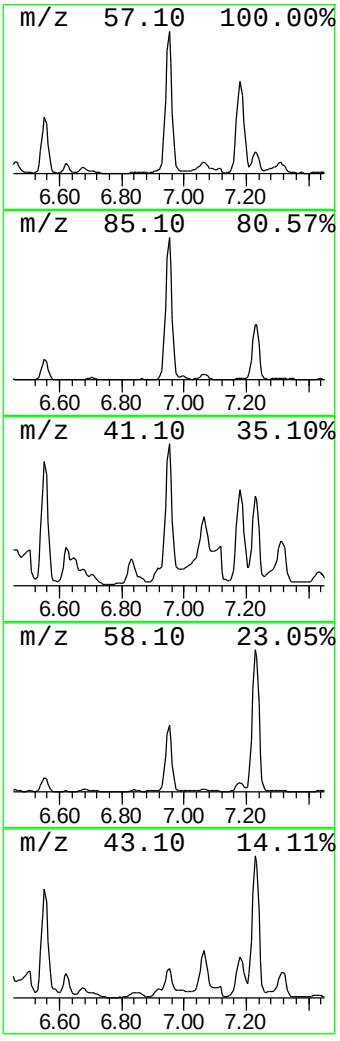
Peak Number 15 4-Heptanone, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	61.17 ng/ul	5904520	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83
3	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	72
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
5	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	58





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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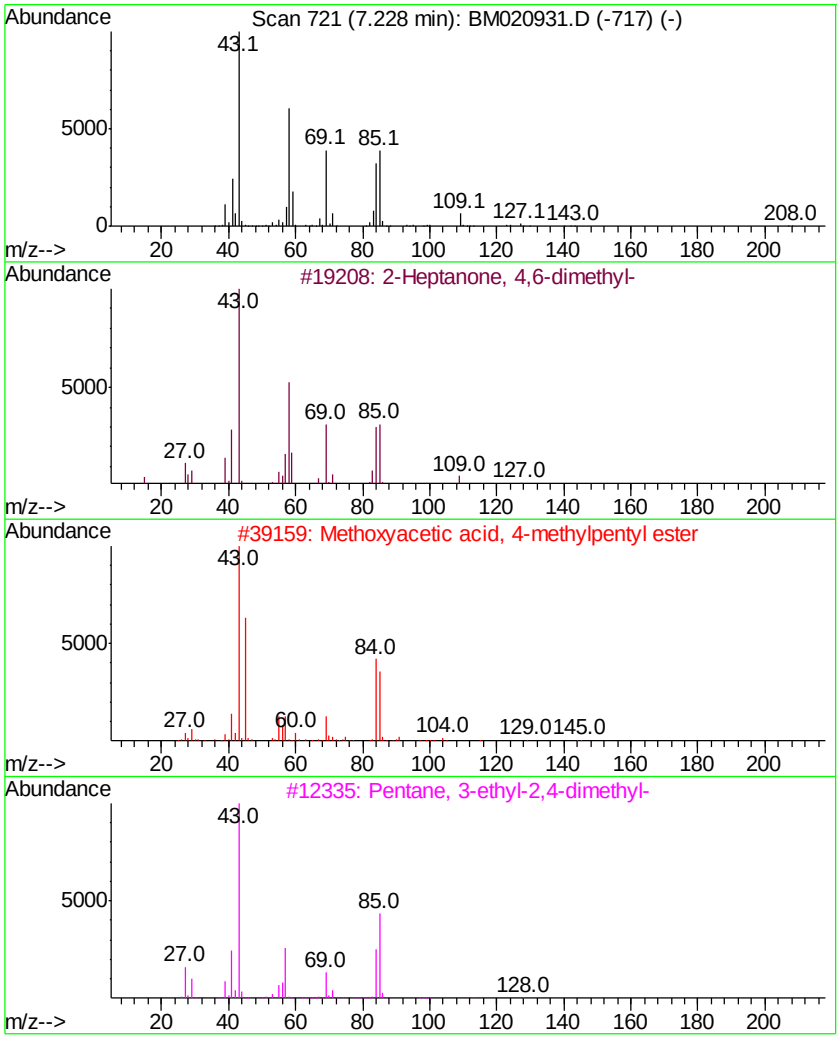
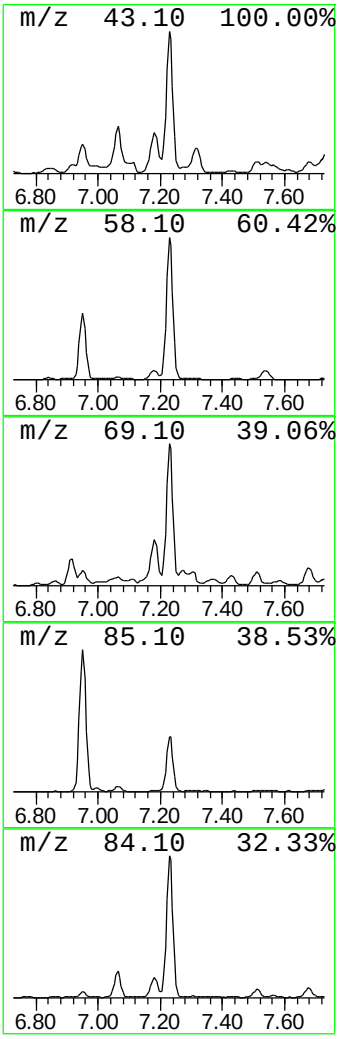
Peak Number 16 2-Heptanone, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	70.79 ng/ul	6833290	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	Methoxyacetic acid, 4-methylpent...	174	C9H18O3	1000282-41-2	40
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	32
5	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	25





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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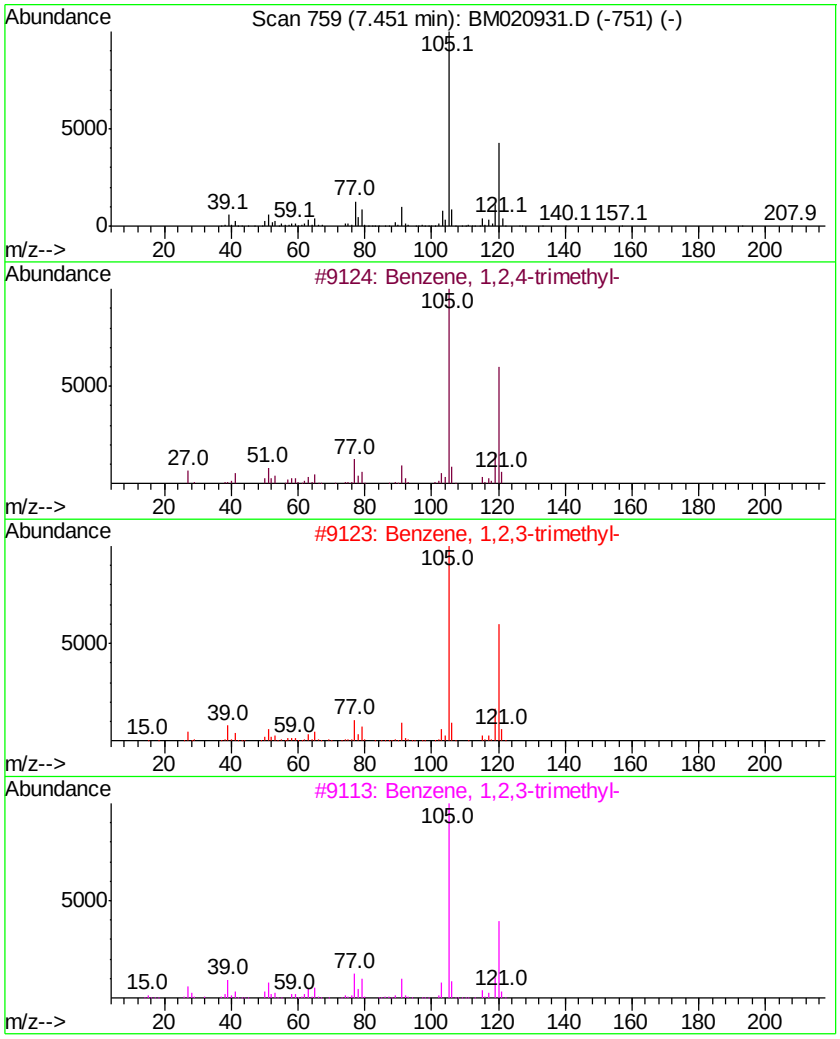
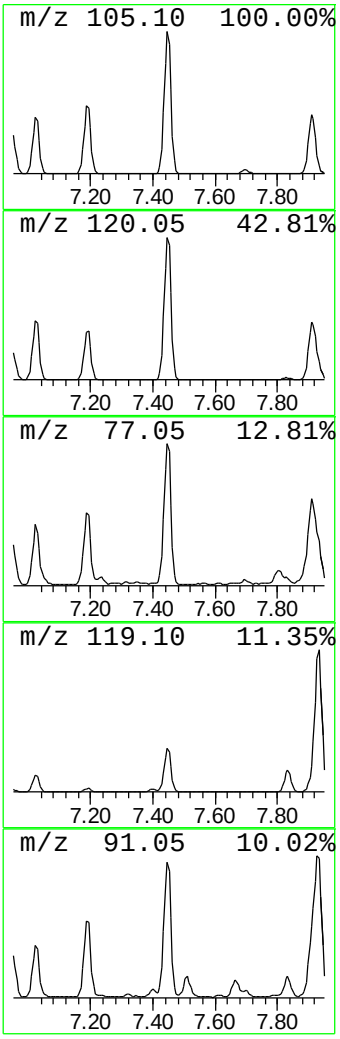
Peak Number 17 Benzene, 1,2,4-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	30.67 ng/ul	2960520	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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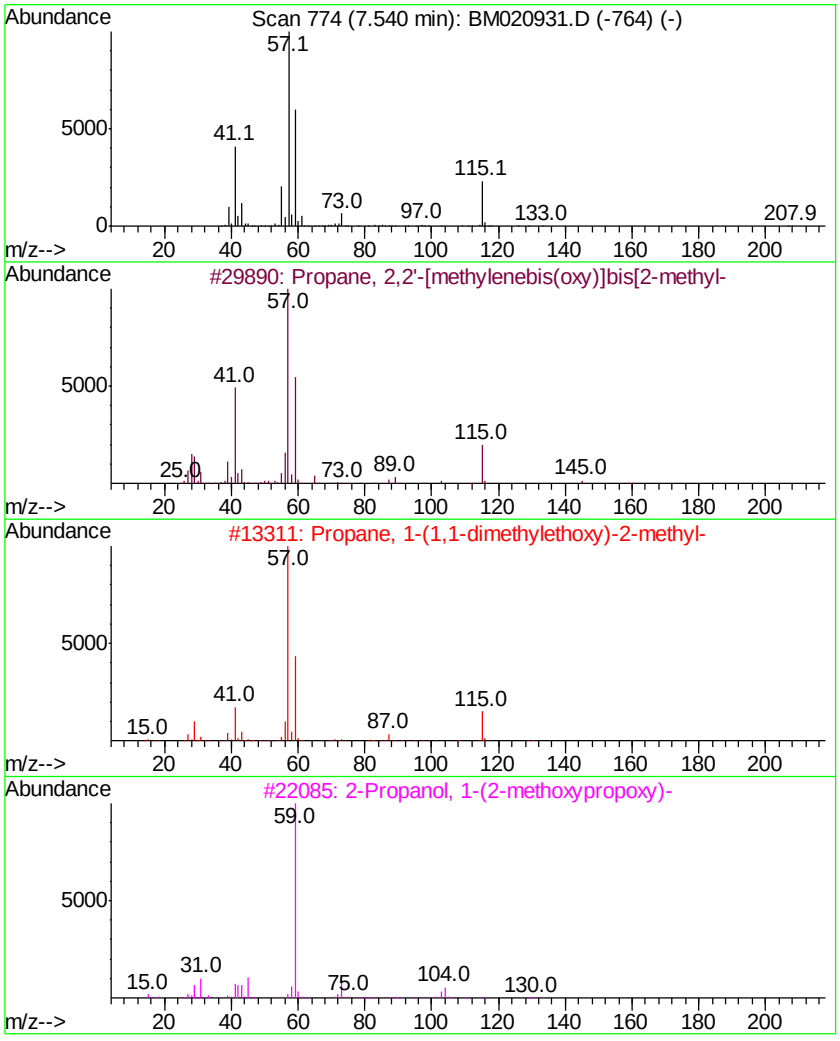
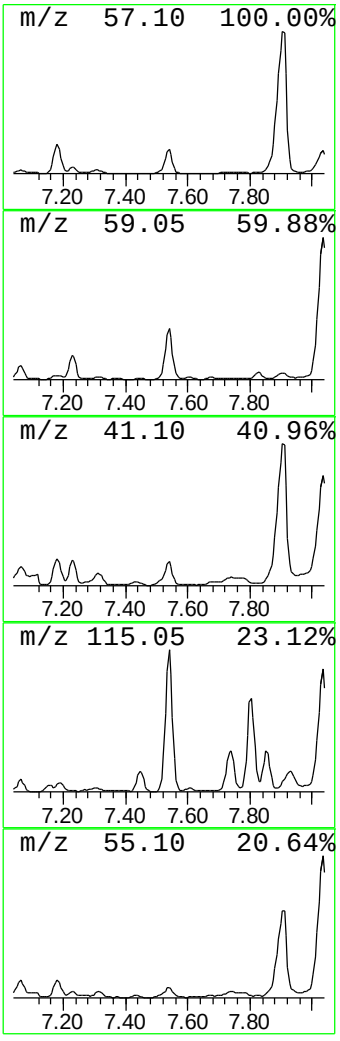
Peak Number 18 Propane, 2,2'-[methylenebis... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	52.35 ng/ul	5053640	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	72
2	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	72
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	37
4	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	33
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	28





Library Search Compound Report

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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

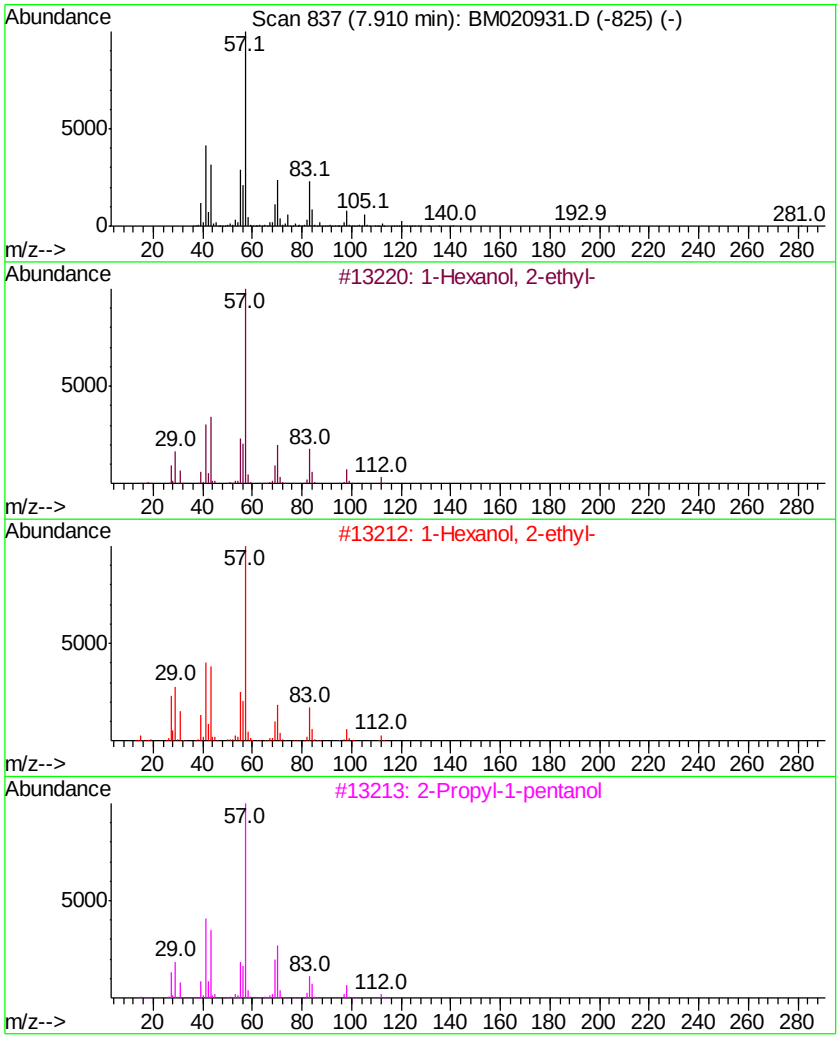
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

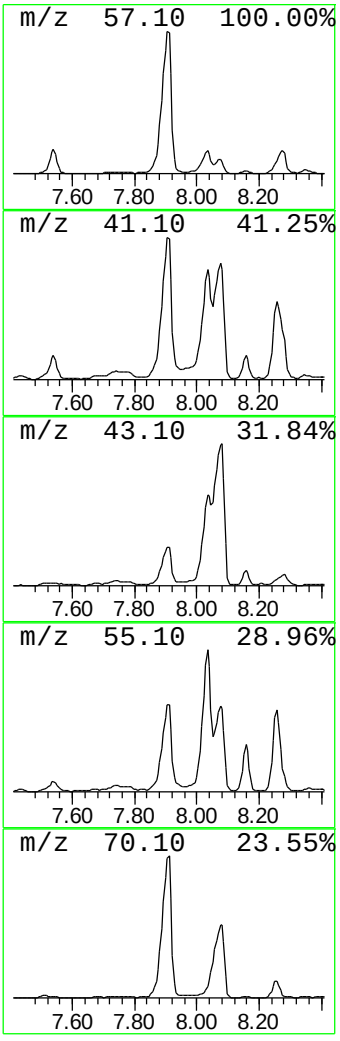
****

Peak Number 20 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	380.41 ng/ul	36722400	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	50
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





Library Search Compound Report

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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

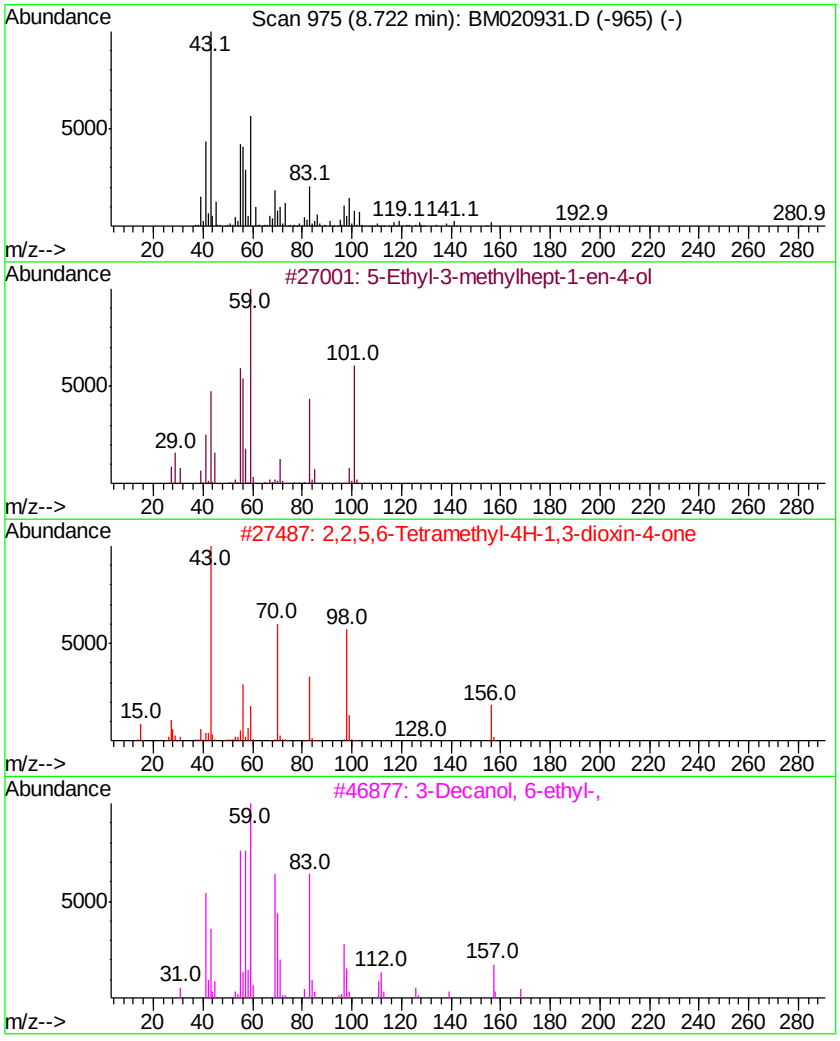
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

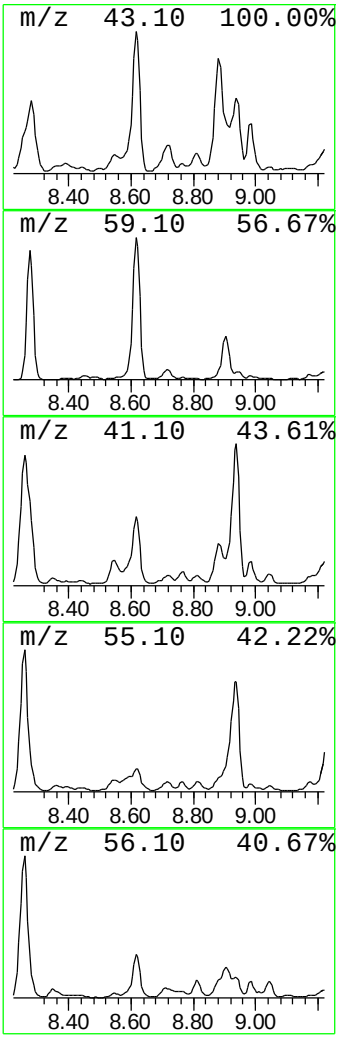
****

Peak Number 24 5-Ethyl-3-methylhept-1-en-4-ol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	22.55 ng/ul	2176500	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	53
2	2,2,5,6-Tetramethyl-4H-1,3-dioxi...	156	C8H12O3	087769-39-9	37
3	3-Decanol, 6-ethyl-,	186	C12H26O	019780-31-5	37
4	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	35
5	n-Dodecyl acetate	228	C14H28O2	000112-66-3	32





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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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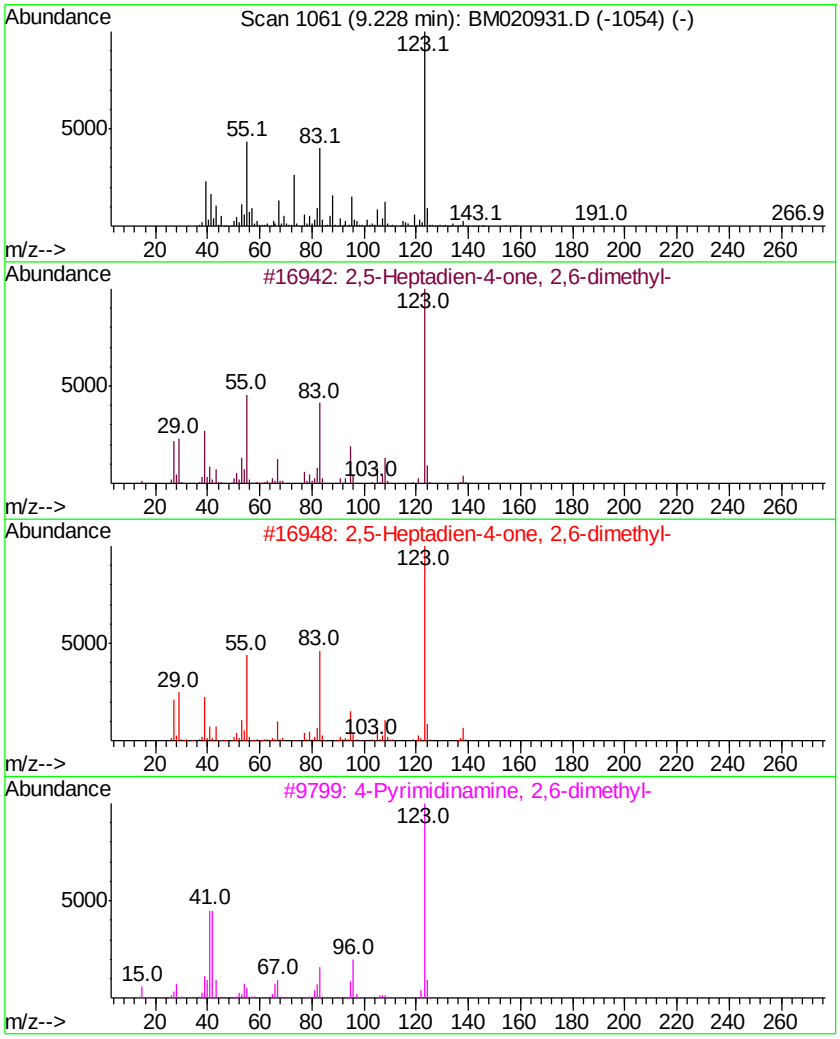
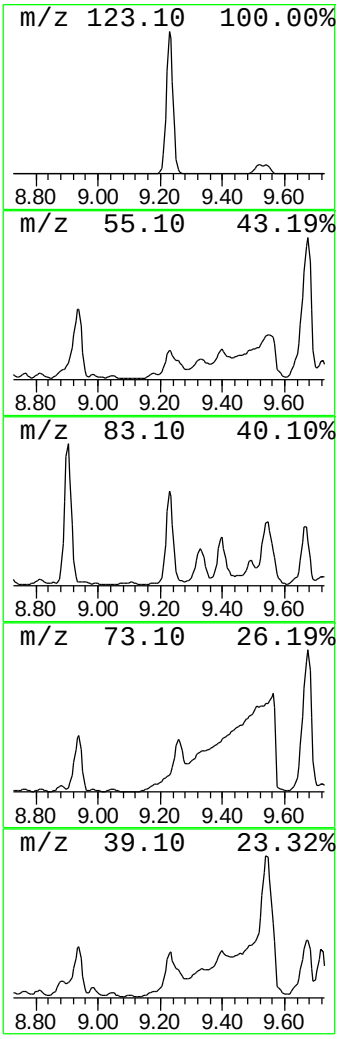
Peak Number 25 2,5-Heptadien-4-one, 2,6-di... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	56.00 ng/ul	7455640	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	81
2	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	72
3	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	52
4	Photocitral a	152	C10H16O	1000292-85-0	50
5	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	47





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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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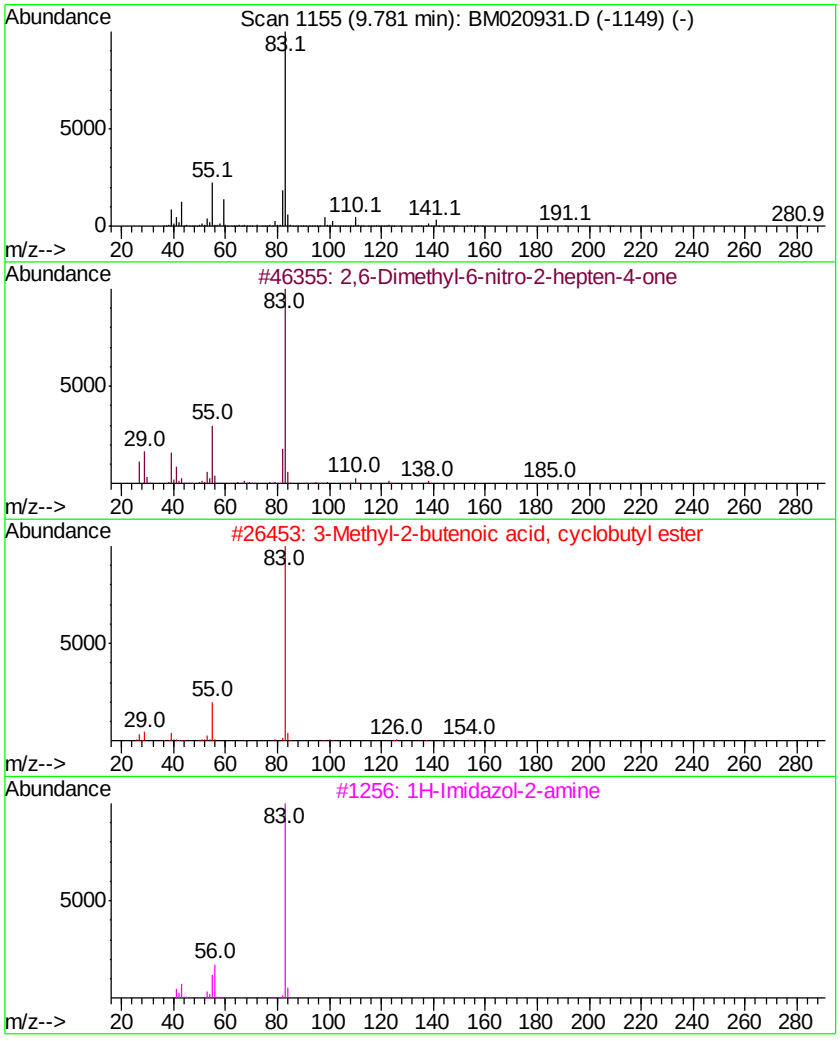
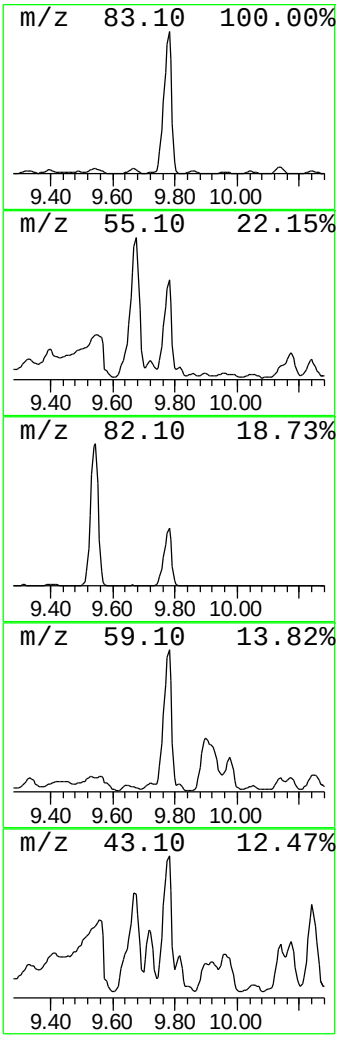
Peak Number 27 2,6-Dimethyl-6-nitro-2-hept... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	149.54 ng/ul	19909300	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	72
2	3-Methyl-2-butenoic acid, cyclob...	154	C9H14O2	1000282-89-1	58
3	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	53
4	3-Aminopyrazole	83	C3H5N3	001820-80-0	50
5	N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	33





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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

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Quant Title : SVOA CALIBRATION

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

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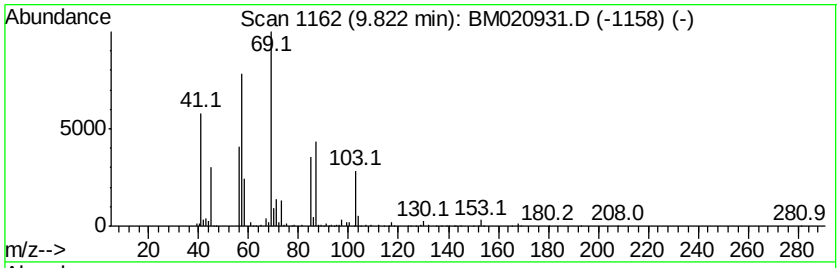
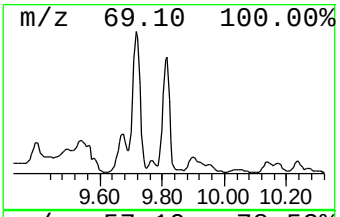
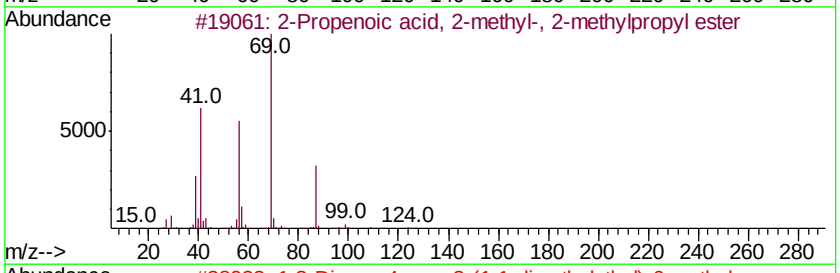
Peak Number 28 2-Propenoic acid, 2-methyl-... Concentration Rank 31

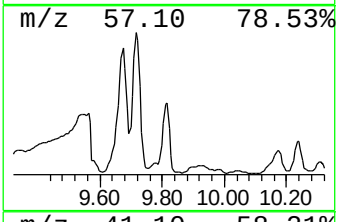
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	46.76 ng/ul	6226030	Naphthalene-d8	10.60

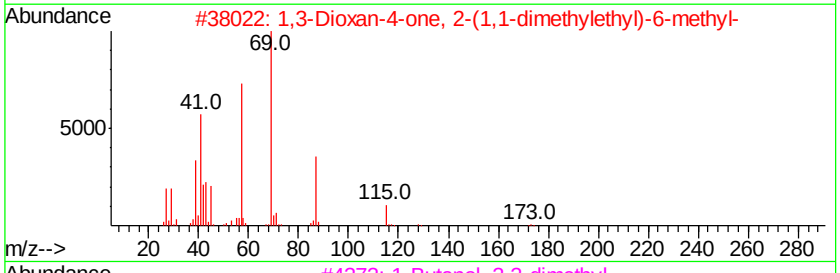
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 2-m...	142	C8H14O2	000097-86-9	50
2	1,3-Dioxan-4-one, 2-(1,1-dimethy...	172	C9H16O3	113505-75-2	47
3	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	43
4	4-Heptanol, 2,6-dimethyl-4-(1-me...	186	C12H26O	054775-01-8	42
5	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38

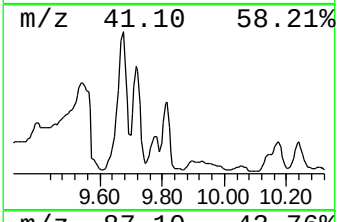


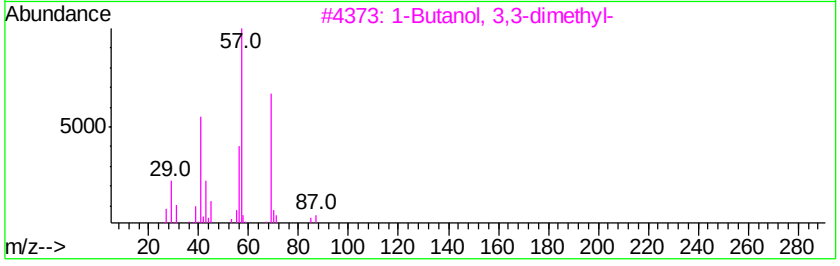


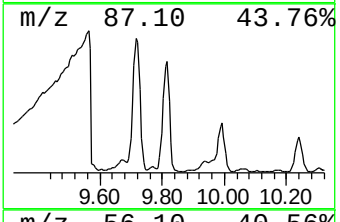


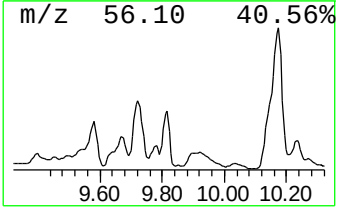












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Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

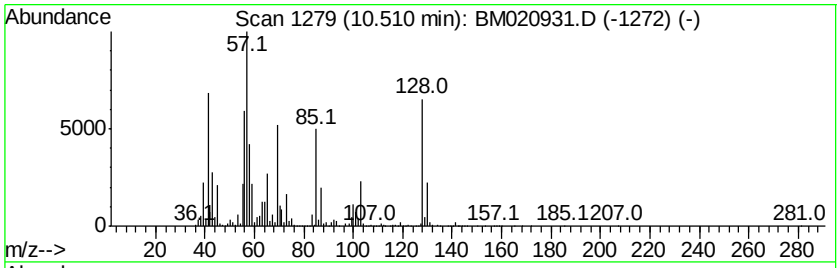
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

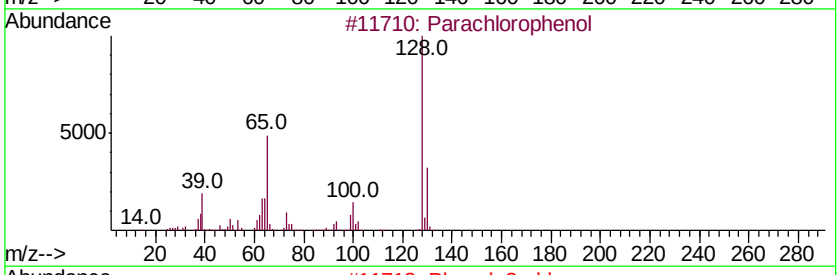
****

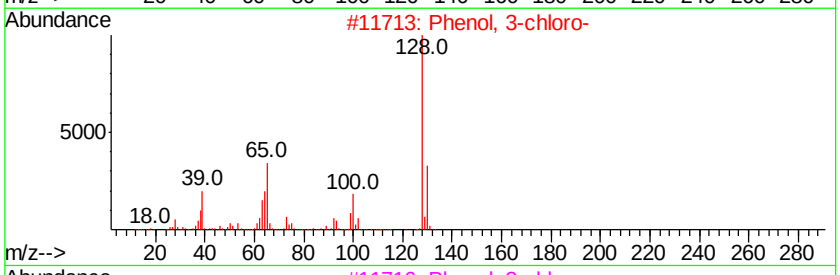
Peak Number 35 Parachlorophenol Concentration Rank 5

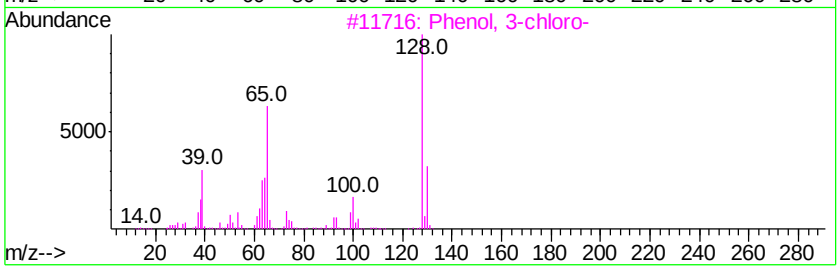
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	152.58 ng/ul	20314100	Naphthalene-d8	10.60

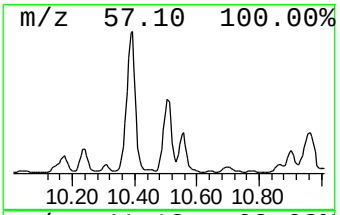
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parachlorophenol	128	C6H5ClO	000106-48-9	90
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	59
3	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	40
4	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	25
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	25

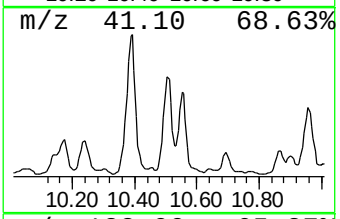


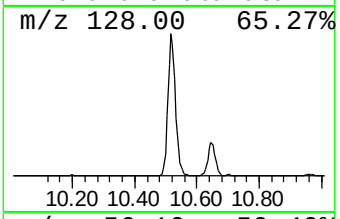


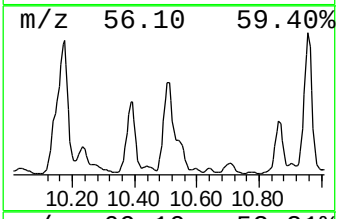


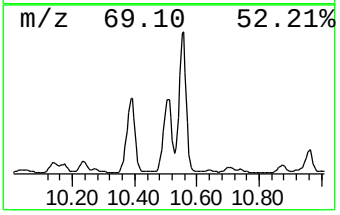












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Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

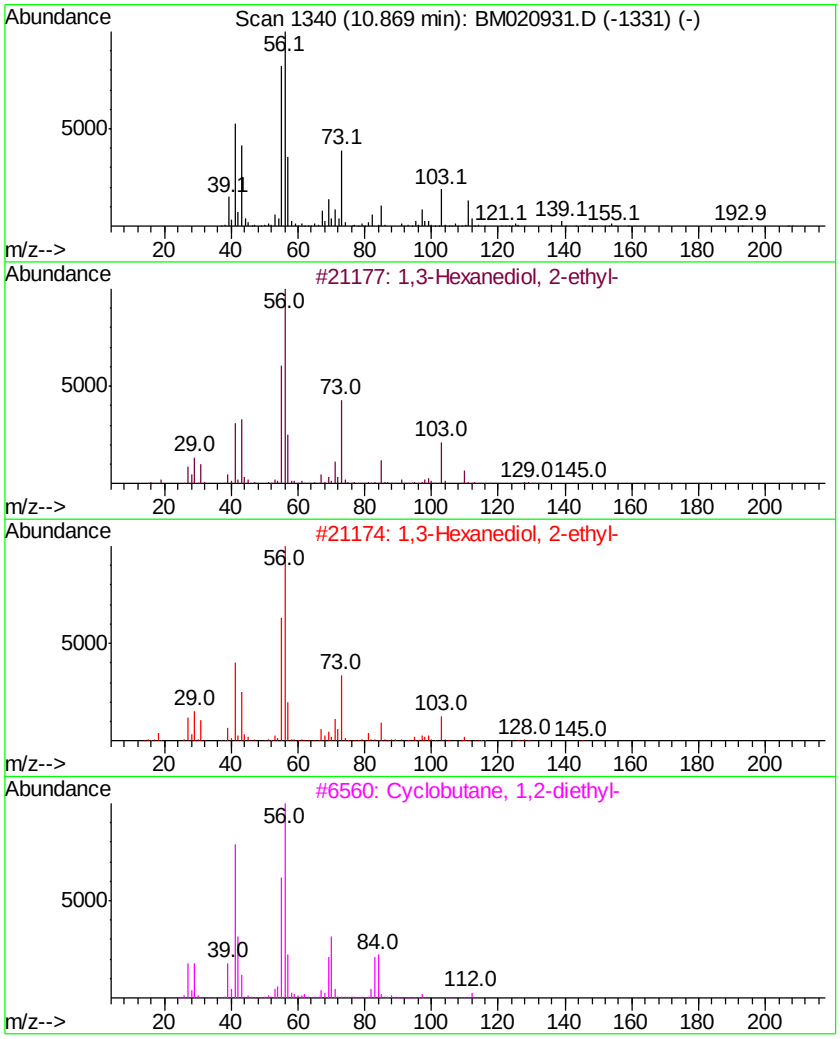
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

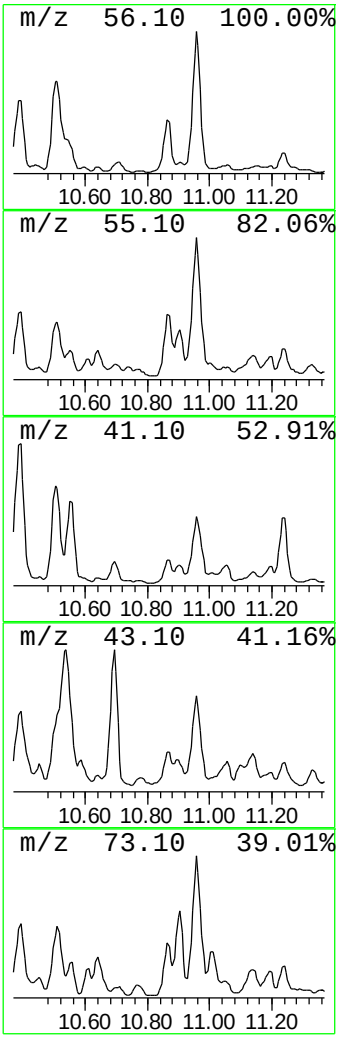
****

Peak Number 36 1,3-Hexanediol, 2-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	28.94 ng/ul	3852550	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	59
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	50
3	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	50
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	49
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	47





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Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

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Quant Title : SVOA CALIBRATION

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

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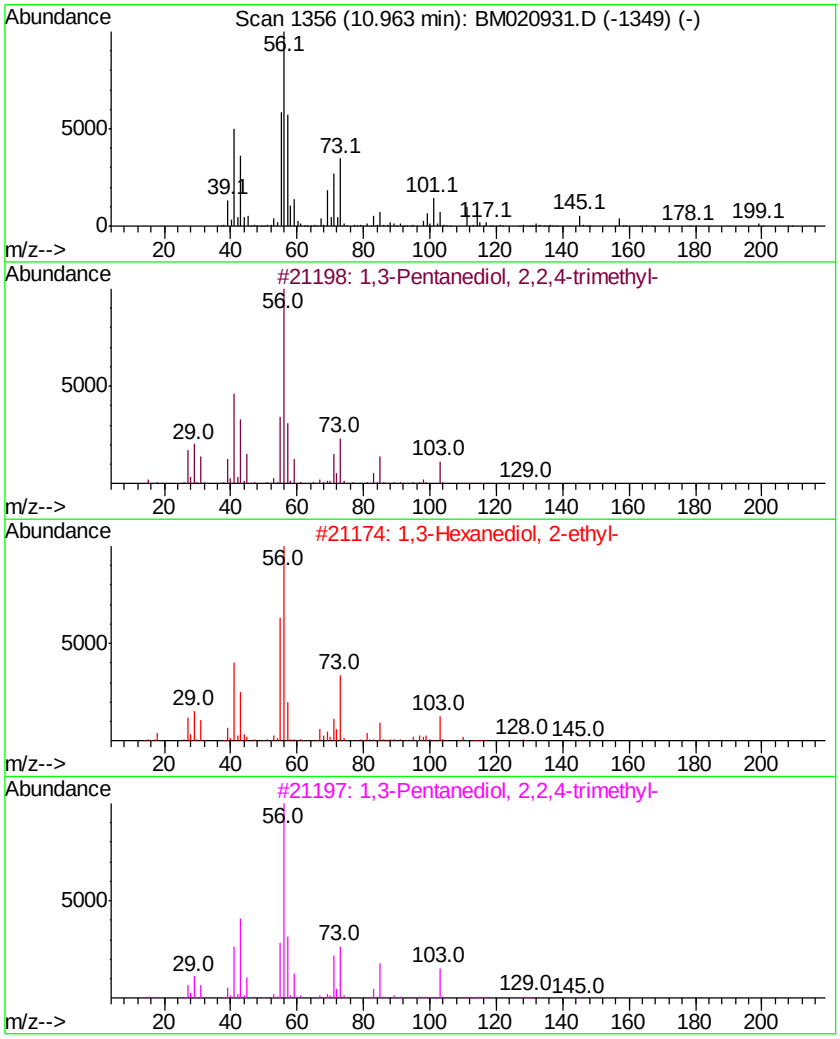
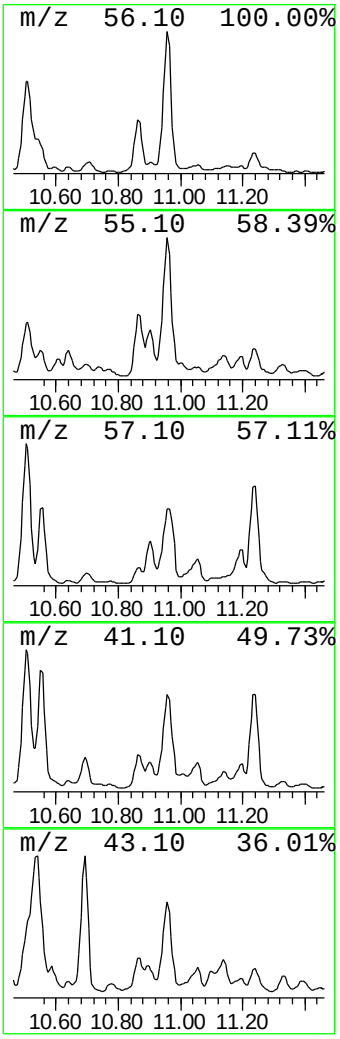
Peak Number 38 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	88.92 ng/ul	11839300	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	64
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	50
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	50
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061319\
Data File : BM020931.D
Acq On : 13 Jun 2019 16:12
Operator : HP/JU
Sample : K3215-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H9DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Hexanone, 2-met...	4.29	104.5	ng/ul	10084600	1	7.80	1930670	20.0
3-Penten-2-one, 4...	4.35	107.7	ng/ul	10393200	1	7.80	1930670	20.0
1-Pentanol, 2-met...	4.82	24.4	ng/ul	2351270	1	7.80	1930670	20.0
unknown-01	4.96	250.7	ng/ul	24203600	1	7.80	1930670	20.0
unknown-02	5.39	79.5	ng/ul	7678430	1	7.80	1930670	20.0
3-Heptanone	5.60	24.3	ng/ul	2344920	1	7.80	1930670	20.0
unknown-03	5.69	50.5	ng/ul	4877270	1	7.80	1930670	20.0
Cyclohexanol	5.72	33.6	ng/ul	3241210	1	7.80	1930670	20.0
Cyclohexanone	5.87	36.3	ng/ul	3500440	1	7.80	1930670	20.0
Hexylene Glycol	6.21	144.2	ng/ul	13915900	1	7.80	1930670	20.0
Hexane, 1-propoxy-	6.32	113.1	ng/ul	10919200	1	7.80	1930670	20.0
1,1-Hexylenedioxy...	6.55	121.8	ng/ul	11762700	1	7.80	1930670	20.0
4-Heptanone, 2,6-...	6.95	61.2	ng/ul	5904520	1	7.80	1930670	20.0
2-Heptanone, 4,6-...	7.23	70.8	ng/ul	6833290	1	7.80	1930670	20.0
Benzene, 1,2,4-tr...	7.45	30.7	ng/ul	2960520	1	7.80	1930670	20.0
Propane, 2,2'-[me...	7.54	52.4	ng/ul	5053640	1	7.80	1930670	20.0
1-Hexanol, 2-ethyl-	7.91	380.4	ng/ul	36722400	1	7.80	1930670	20.0
5-Ethyl-3-methylh...	8.72	22.6	ng/ul	2176500	1	7.80	1930670	20.0
2,5-Heptadien-4-o...	9.23	56.0	ng/ul	7455640	2	10.60	2662810	20.0
2,6-Dimethyl-6-ni...	9.78	149.5	ng/ul	19909300	2	10.60	2662810	20.0
2-Propenoic acid,...	9.82	46.8	ng/ul	6226030	2	10.60	2662810	20.0
Parachlorophenol	10.51	152.6	ng/ul	20314100	2	10.60	2662810	20.0
1,3-Hexanediol, 2...	10.87	28.9	ng/ul	3852550	2	10.60	2662810	20.0
1,3-Pentanediol, ...	10.96	88.9	ng/ul	11839300	2	10.60	2662810	20.0