LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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	3.040	6	9	20	rVB	763234	929062	11.99%	0.670%
2	5.457	415	420	429	rVB	77342	145845	1.88%	0.105%
3	5.822	477	482	487	rBV	133934	189532	2.45%	0.137%
4	6.293	552	562	575	rBV	353063	633159	8.17%	0.456%
5	6.781	639	645	653	rVV	699668	1029870	13.29%	0.742%
6	6.893	657	664	669	rVV	2053004	3051738	39.38%	2.200%
7	6.951	669	674	682	rVV2	852700	1765832	22.79%	1.273%
8	7.022	682	686	694	rVB	884473	1303478	16.82%	0.940%
9	7.140	700	706	710	rBV	1145088	1753021	22.62%	1.264%
10	7.187	710	714	727	rVB	1278178	2123407	27.40%	1.531%
11	7.334	733	739	746	rBV	1301683	2084958	26.91%	1.503%
12	7.445	752	758	769	rVB	2854292	4320229	55.75%	3.114%
13	7.698	798	801	809	rVB	92147	136321	1.76%	0.098%
14	7.804	809	819	827	rBV2	1227978	2228090	28.75%	1.606%
15	7.910	832	837	847	rVB	955310	1531776	19.77%	1.104%
16	8.169	875	881	888	rVV	609142	969674	12.51%	0.699%
17	8.287	895	901	906	rVV	397695	617581	7.97%	0.445%
18	8.340	906	910	916	rVV	256933	389923	5.03%	0.281%
19	8.434	916	926	931	rVV2	524558	841606	10.86%	0.607%
20	8.504	931	938	948	rVV2	1047657	1959124	25.28%	1.412%
21	8.598	948	954	965	rVB	375142	617448	7.97%	0.445%
22	8.745	973	979	983	rBV	427854	650720	8.40%	0.469%
23	8.792	983	987	995	rVB2	432236	742340	9.58%	0.535%
24	8.898	995	1005	1011	rBV2	525232	923273	11.92%	0.665%
25	8.969	1011	1017	1029	rVB	1432696	2646465	34.15%	1.908%
26	9.075	1029	1035	1039	rBV	109651	171225	2.21%	0.123%
27	9.134	1039	1045	1052	rVV	370149	614808	7.93%	0.443%
28	9.228	1057	1061	1068	rVV2	176279	311853	4.02%	0.225%
29	9.416	1089	1093	1098	rVB	148913	218142	2.82%	0.157%
30	9.481	1098	1104	1114	rVB2	243852	450354	5.81%	0.325%
31	9.575	1114	1120	1129	rVB2	282711	478725	6.18%	0.345%
32	9.681	1129	1138	1143	rBV	1243601	2094280	27.03%	1.510%
33	9.728	1143	1146	1151	rVB2	123646	179936	2.32%	0.130%
34	9.792	1151	1157	1160	rBV5	73474	136799	1.77%	0.099%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
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Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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	9.834	1160	1164	1169	rVV2	93235	151781	1.96%	0.109%
36	9.992	1181	1191	1197	rBV2	244309	420049	5.42%	0.303%
37	10.216	1218	1229	1235	rVV	1988988	3338793	43.09%	2.407%
38	10.269	1235	1238	1249	rVB2	290427	461662	5.96%	0.333%
39	10.586	1284	1292	1299	rBV2	2222879	5109625	65.94%	3.683%
40	10.639	1299	1301	1306	rVV	216381	344633	4.45%	0.248%
41	10.698	1306	1311	1319	rVV	1445835	2281819	29.45%	1.645%
42	10.957	1349	1355	1365	rVB	1390001	2169559	28.00%	1.564%
43	11.092	1365	1378	1382	rBV2	279339	505944	6.53%	0.365%
44	11.204	1392	1397	1408	rVB5	83606	173731	2.24%	0.125%
45	11.481	1438	1444	1451	rBV2	374782	804318	10.38%	0.580%
46	11.545	1451	1455	1457	rVV	82531	127124	1.64%	0.092%
47	11.575	1457	1460	1464	rVV2	190358	262741	3.39%	0.189%
48	11.833	1498	1504	1515	rBV3	280277	713125	9.20%	0.514%
49	11.928	1515	1520	1527	rVB6	63442	140388	1.81%	0.101%
50	12.010	1527	1534	1538	rBV	2055409	3170916	40.92%	2.286%
51	12.045	1538	1540	1545	rVB	304618	357377	4.61%	0.258%
52	12.098	1545	1549	1553	rBV	188158	273255	3.53%	0.197%
53	12.257	1570	1576	1587	rVB	505087	829707	10.71%	0.598%
54	12.369	1587	1595	1600	rBV3	57361	123748	1.60%	0.089%
55	12.439	1600	1607	1611	rBV	627727	1143797	14.76%	0.824%
56	12.475	1611	1613	1618	rVV2	329352	435215	5.62%	0.314%
57	12.680	1643	1648	1655	rVB	214888	355506	4.59%	0.256%
58	12.780	1659	1665	1669	rBV3	121811	189583	2.45%	0.137%
59	12.833	1669	1674	1679	rBV2	132813	206772	2.67%	0.149%
60	13.016	1698	1705	1710	rBV	2326813	3387651	43.72%	2.442%
61	13.069	1710	1714	1724	rVB3	100619	182221	2.35%	0.131%
62	13.157	1724	1729	1739	rBV5	132513	388978	5.02%	0.280%
63	13.263	1743	1747	1752	rVB5	127218	193515	2.50%	0.139%
64	13.327	1752	1758	1759	rBV4	81673	118334	1.53%	0.085%
65	13.486	1778	1785	1793	rVB5	482817	981658	12.67%	0.708%
66	13.604	1793	1805	1815	rBV4	423812	1158115	14.95%	0.835%
67	13.680	1815	1818	1823	rVV2	85916	123101	1.59%	0.089%
68	13.757	1823	1831	1838	rVV2	272134	677905	8.75%	0.489%
69	13.857	1842	1848	1856	rVB	3417917	4860445	62.73%	3.503%
70	13.998	1861	1872	1876	rBV4	153478	468461	6.05%	0.338%
71	14.086	1883	1887	1890	rBV2	195786	240310	3.10%	0.173%

LSC Area Percent Report

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Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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	14.133	1890	1895	1907	rVV	3742900	5967858	77.02%	4.302%
73	14.380	1933	1937	1941	rVV	337475	441210	5.69%	0.318%
74	14.445	1941	1948	1954	rVV2	2436744	3969753	51.23%	2.861%
75	14.498	1954	1957	1963	rVB2	156655	212486	2.74%	0.153%
76	14.651	1977	1983	1986	rVV	319346	534078	6.89%	0.385%
77	14.686	1986	1989	1993	rVV	454553	601453	7.76%	0.434%
78	14.727	1993	1996	1999	rVV	183475	255972	3.30%	0.185%
79	14.780	1999	2005	2012	rVV6	193676	426926	5.51%	0.308%
80	14.974	2031	2038	2042	rVV2	196460	337177	4.35%	0.243%
81	15.021	2042	2046	2048	rVV2	91230	149354	1.93%	0.108%
82	15.063	2048	2053	2059	rVV2	362262	591116	7.63%	0.426%
83	15.180	2068	2073	2077	rVV	147451	204038	2.63%	0.147%
84	15.439	2109	2117	2123	rBV	4949613	7132015	92.04%	5.141%
85	15.510	2123	2129	2133	rVV4	250105	444018	5.73%	0.320%
86	15.563	2133	2138	2145	rVV2	1310905	2340128	30.20%	1.687%
87	15.668	2153	2156	2165	rVB7	108788	181046	2.34%	0.130%
88	16.163	2232	2240	2246	rVB10	43239	142587	1.84%	0.103%
89	16.839	2348	2355	2367	rBV	3075958	4655942	60.09%	3.356%
90	17.186	2408	2414	2420	rBV2	2737121	3947551	50.95%	2.845%
91	17.286	2425	2431	2439	rVB2	4872669	6955823	89.77%	5.014%
92	17.433	2452	2456	2461	rBV2	124710	166371	2.15%	0.120%
93	17.486	2461	2465	2470	rVB3	129190	159891	2.06%	0.115%
94	18.074	2560	2565	2570	rBV4	115377	179872	2.32%	0.130%
95	18.233	2588	2592	2598	rVB5	97486	139597	1.80%	0.101%
96	19.356	2779	2783	2789	rBV2	82515	118652	1.53%	0.086%
97	19.580	2815	2821	2834	rBV	5423885	7478262	96.51%	5.390%
98	21.368	3119	3125	3130	rBV	3151311	3996697	51.58%	2.881%
99	23.503	3481	3488	3499	rVB	4132147	7748611	100.00%	5.585%
100	23.644	3506	3512	3524	rVB	2220174	4145755	53.50%	2.988%

Sum of corrected areas: 138736695

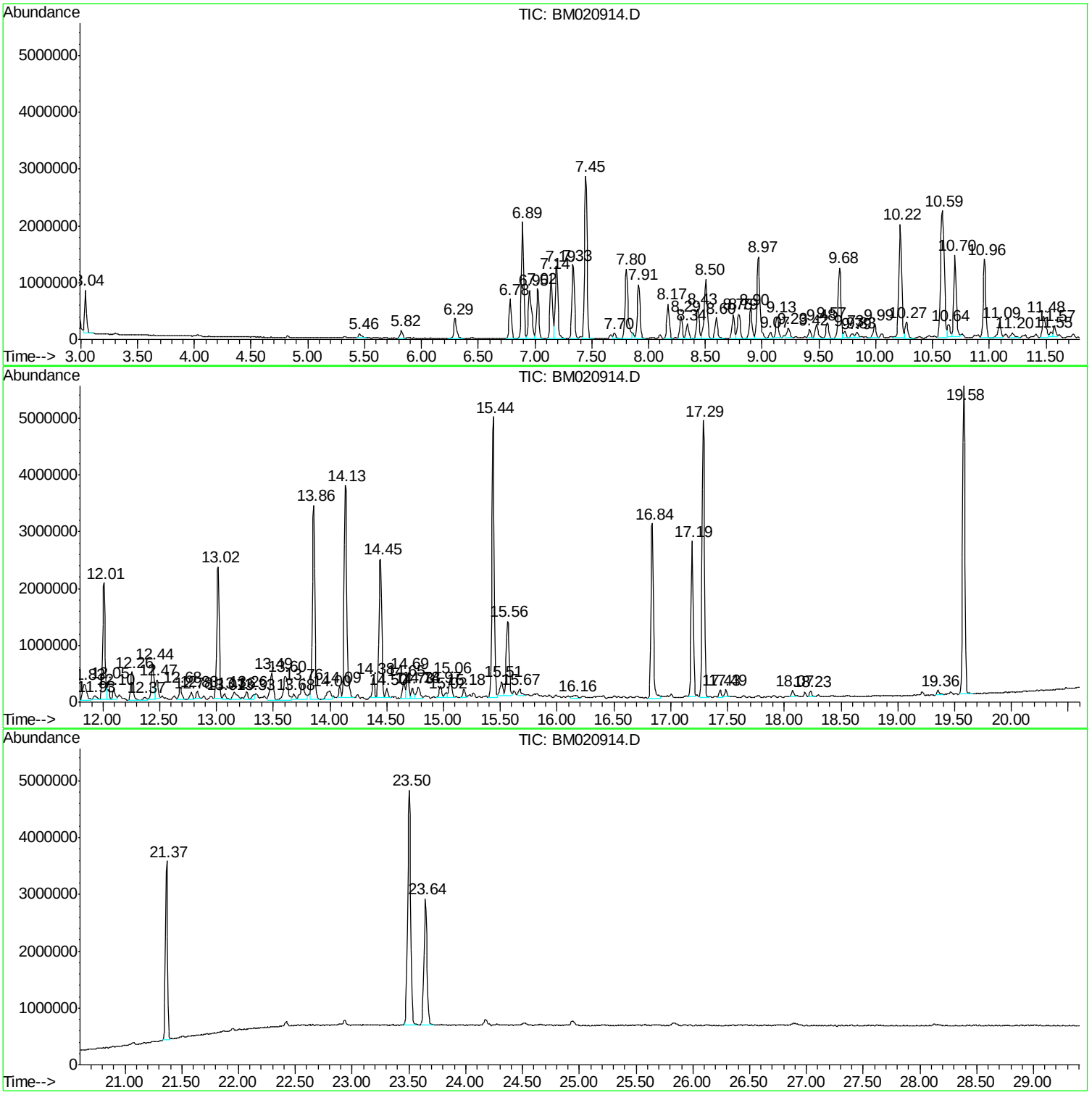
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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

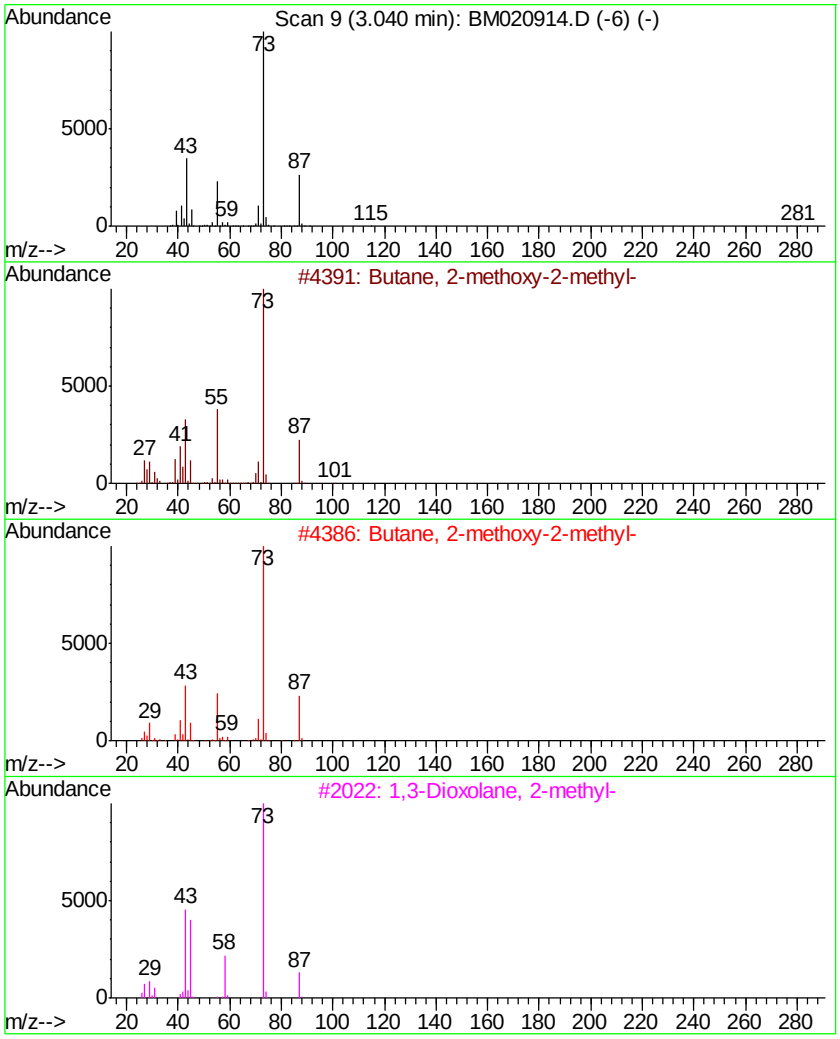
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

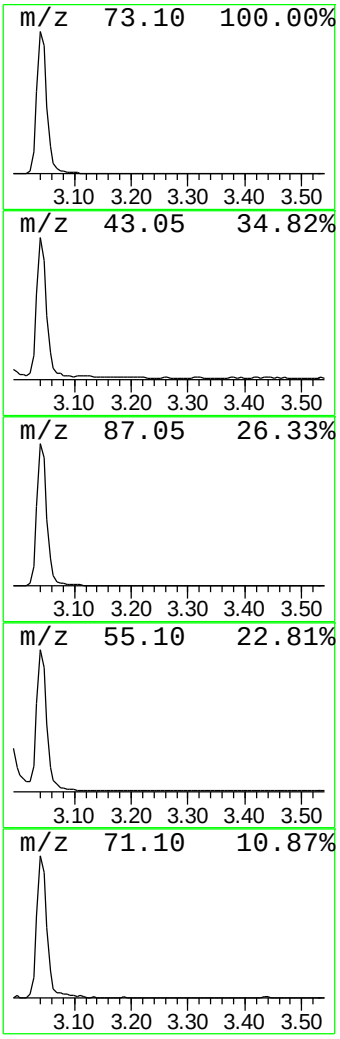
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	8.34 ng/ul	929062	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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

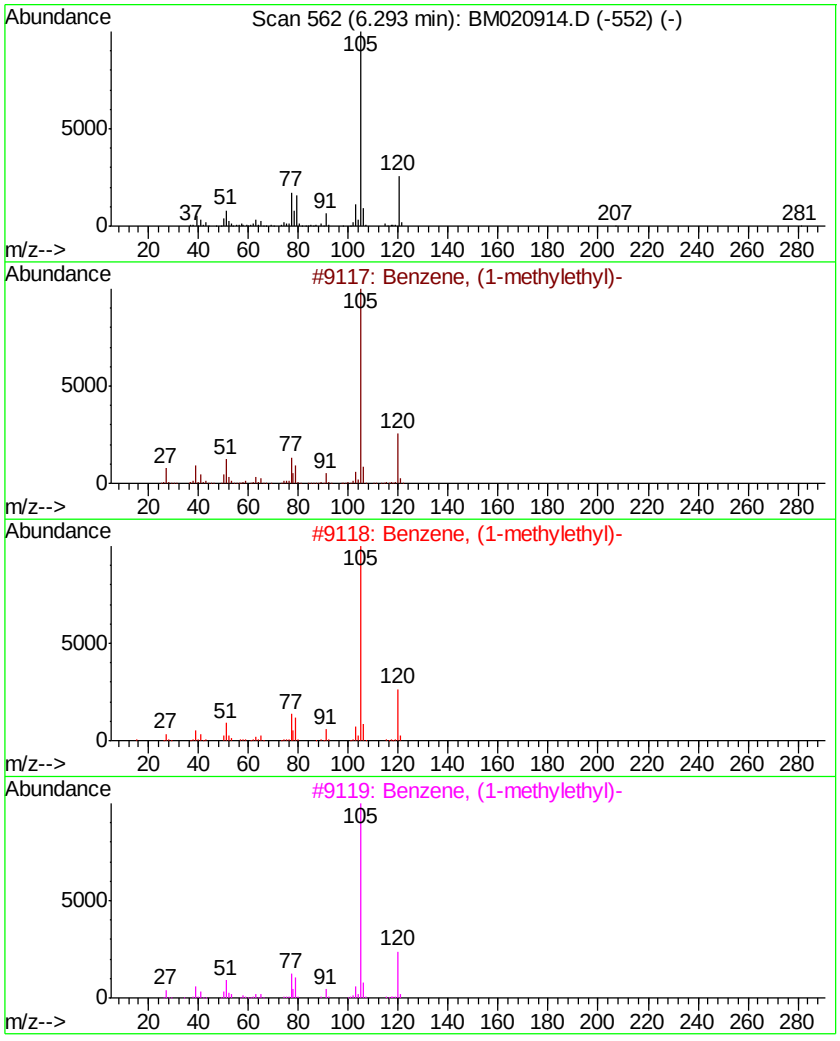
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

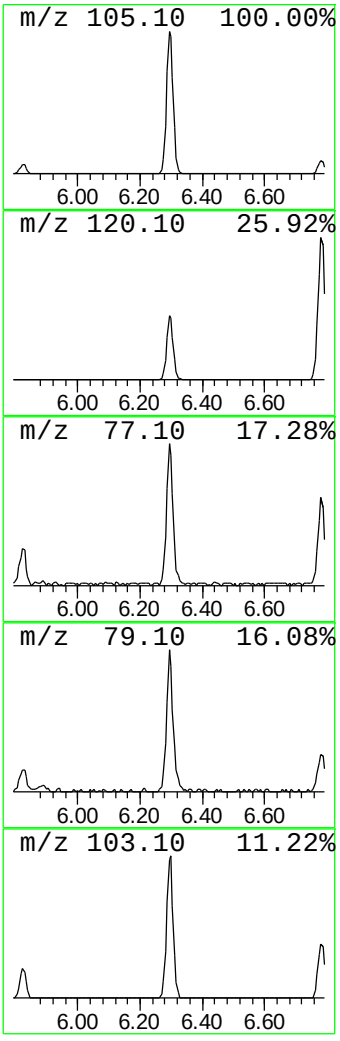
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	5.68 ng/ul	633159	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
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Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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

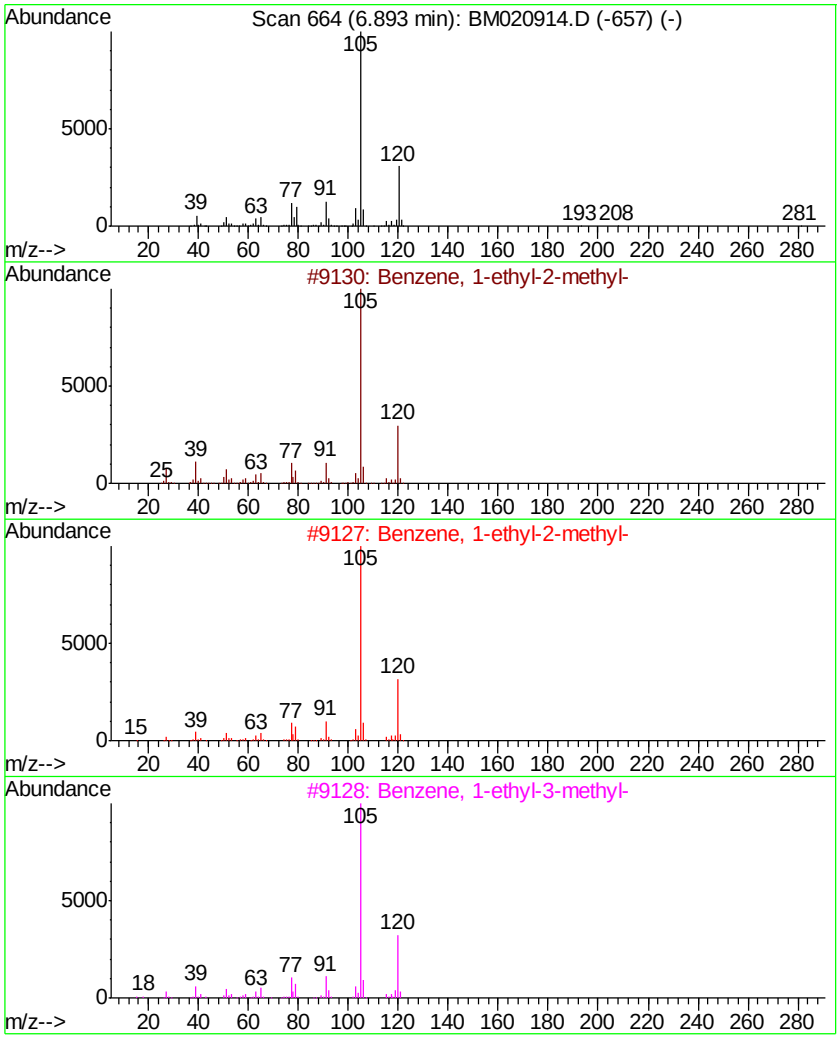
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

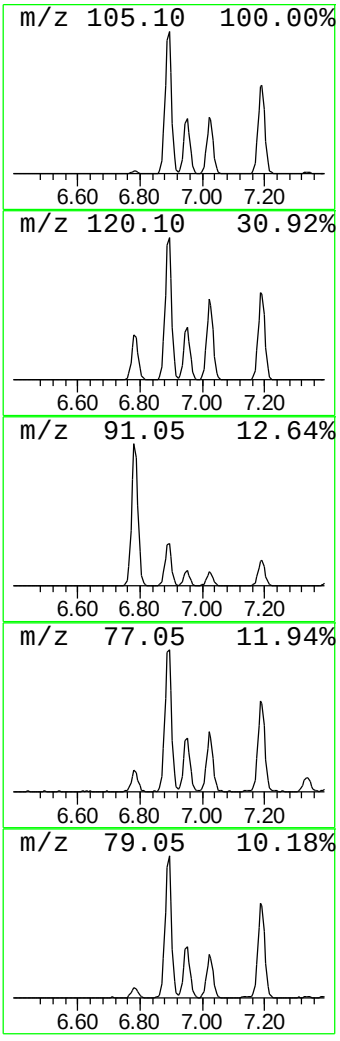
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	27.39 ng/ul	3051740	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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

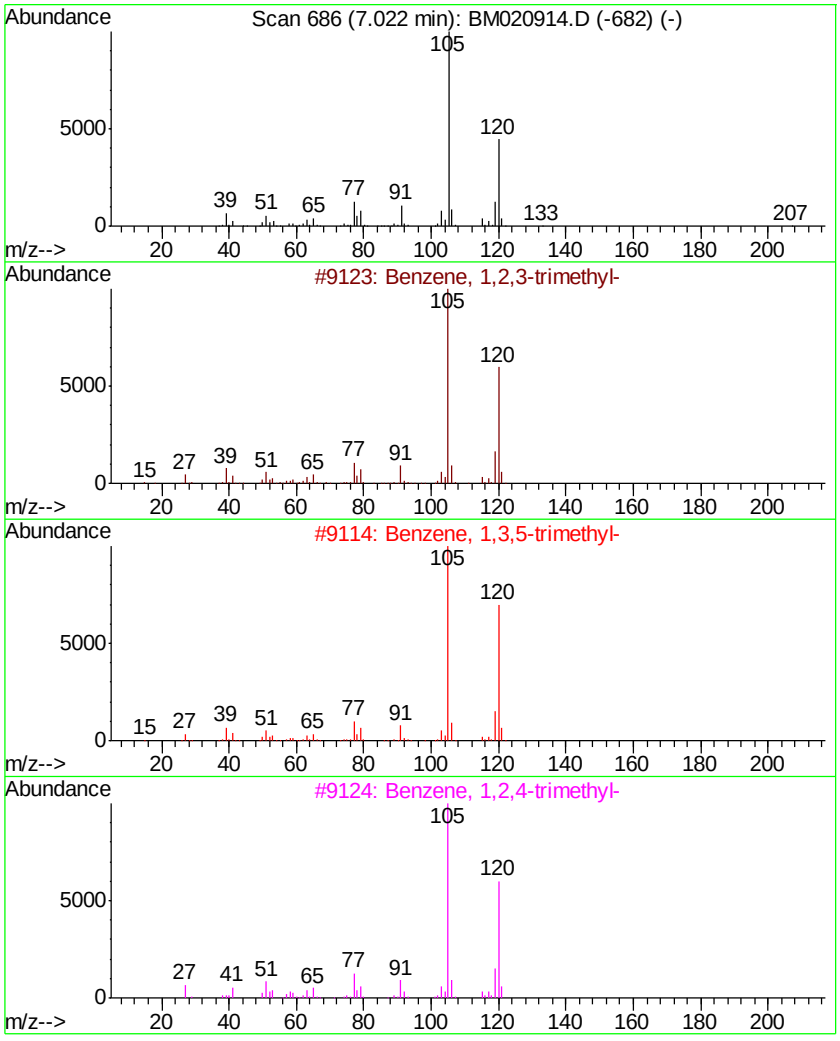
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

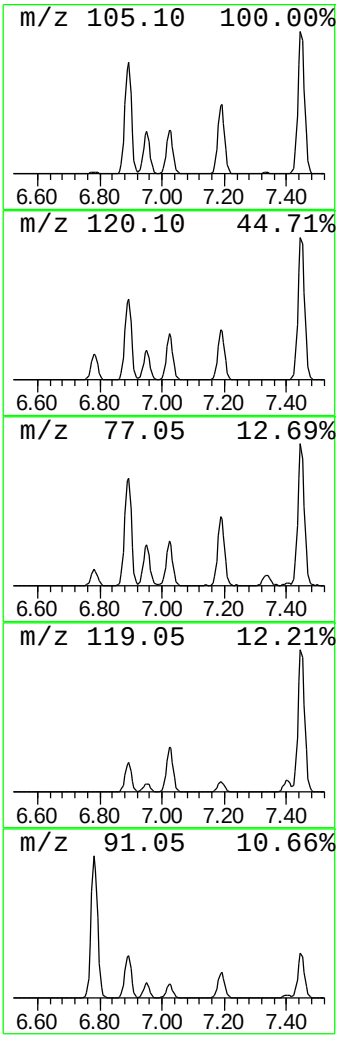
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	11.70 ng/ul	1303480	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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

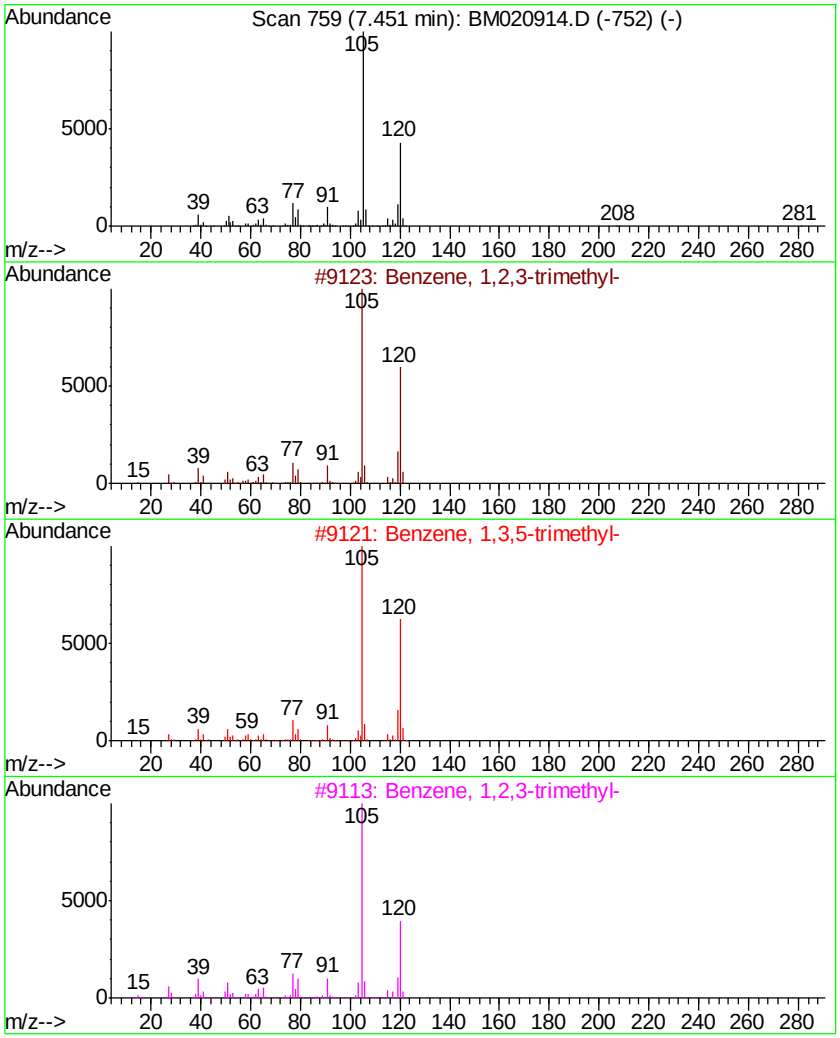
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

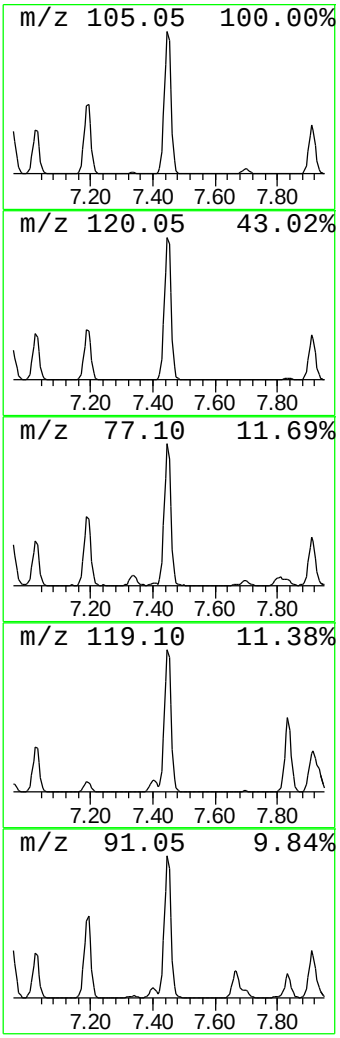
****

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	38.78 ng/ul	4320230	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93





Library Search Compound Report

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Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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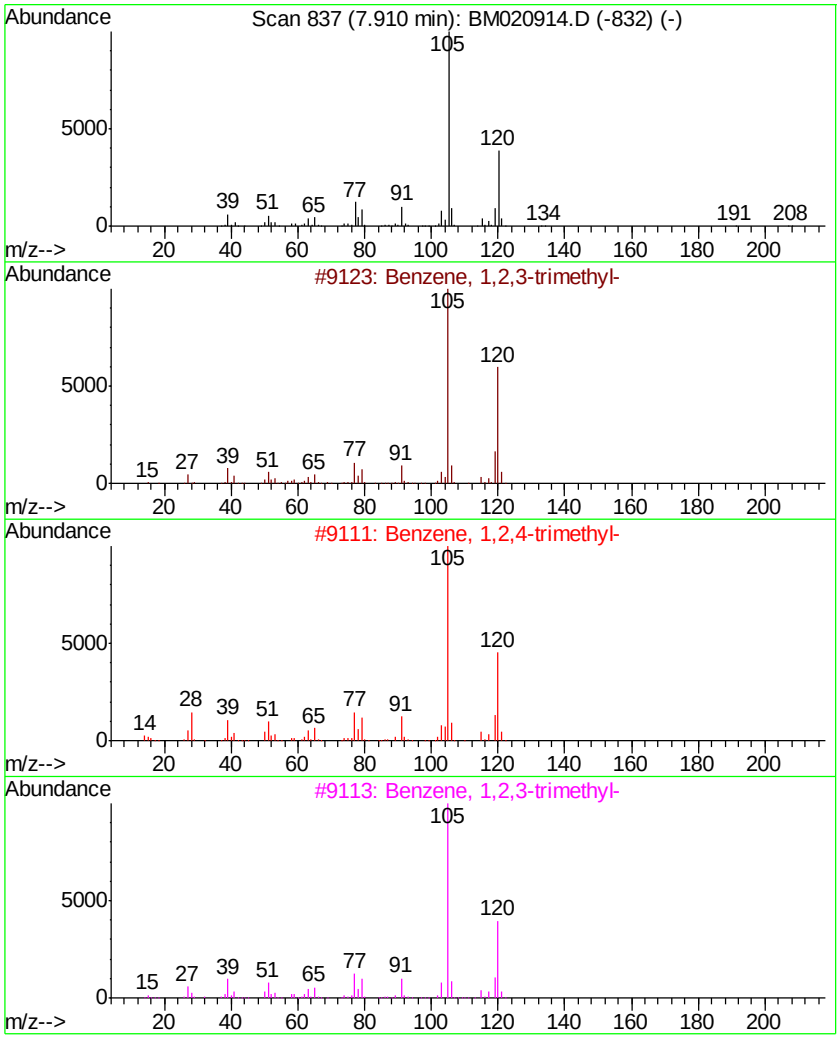
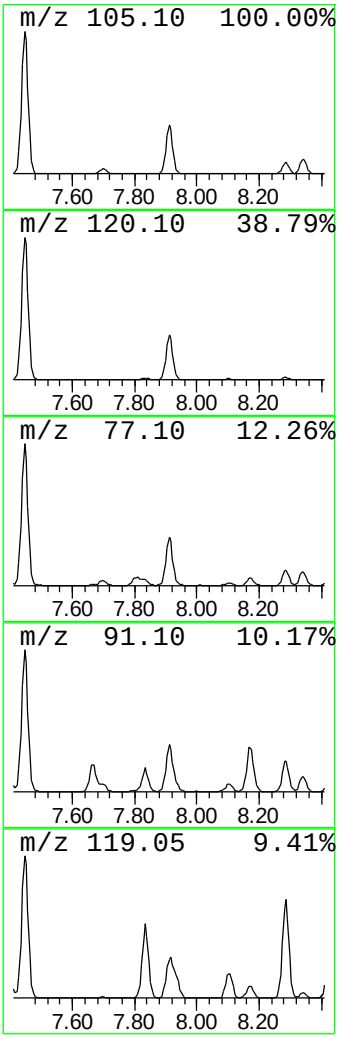
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	13.75 ng/ul	1531780	1,4-Dichlorobenzene-d4	7.80

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





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ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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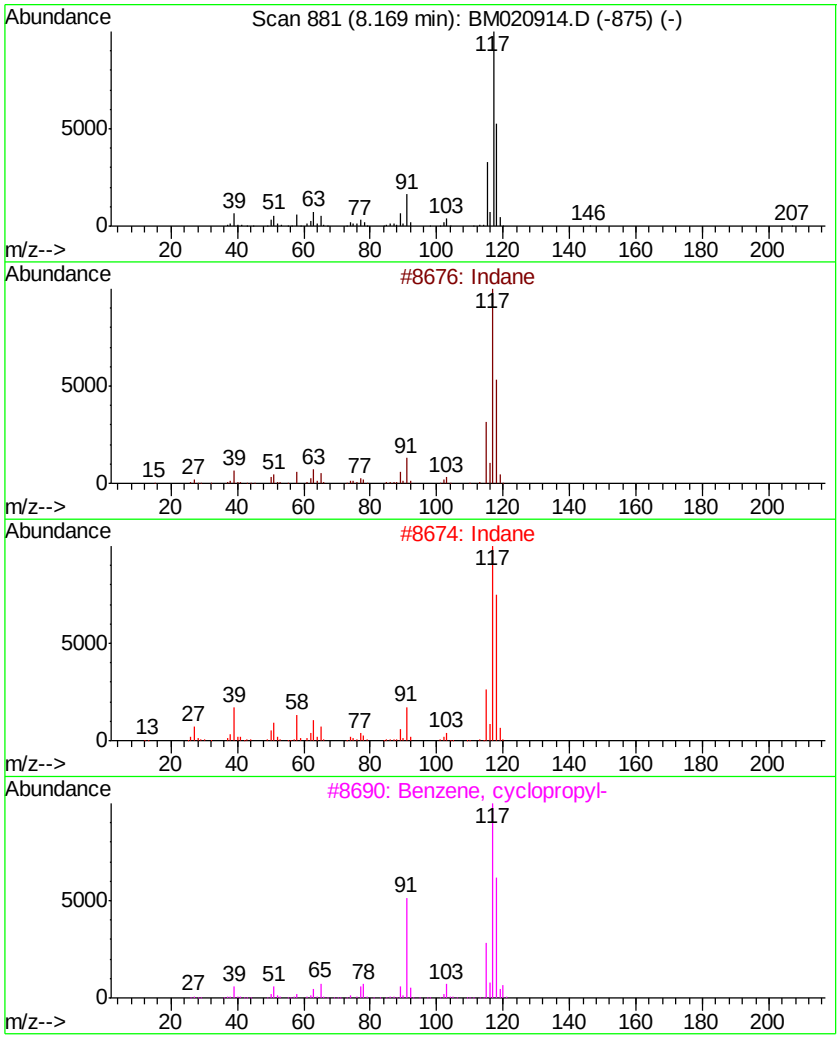
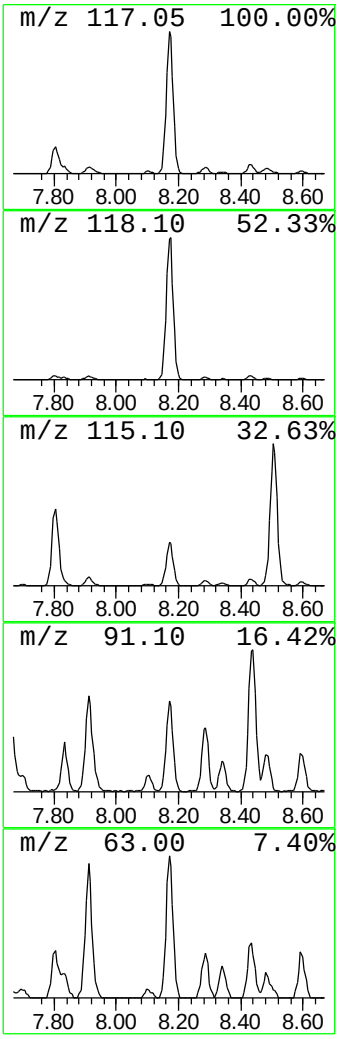
Peak Number 8 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	8.70 ng/ul	969674	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Indane	118	C9H10	000496-11-7	64





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ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	5.54 ng/ul	617581	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
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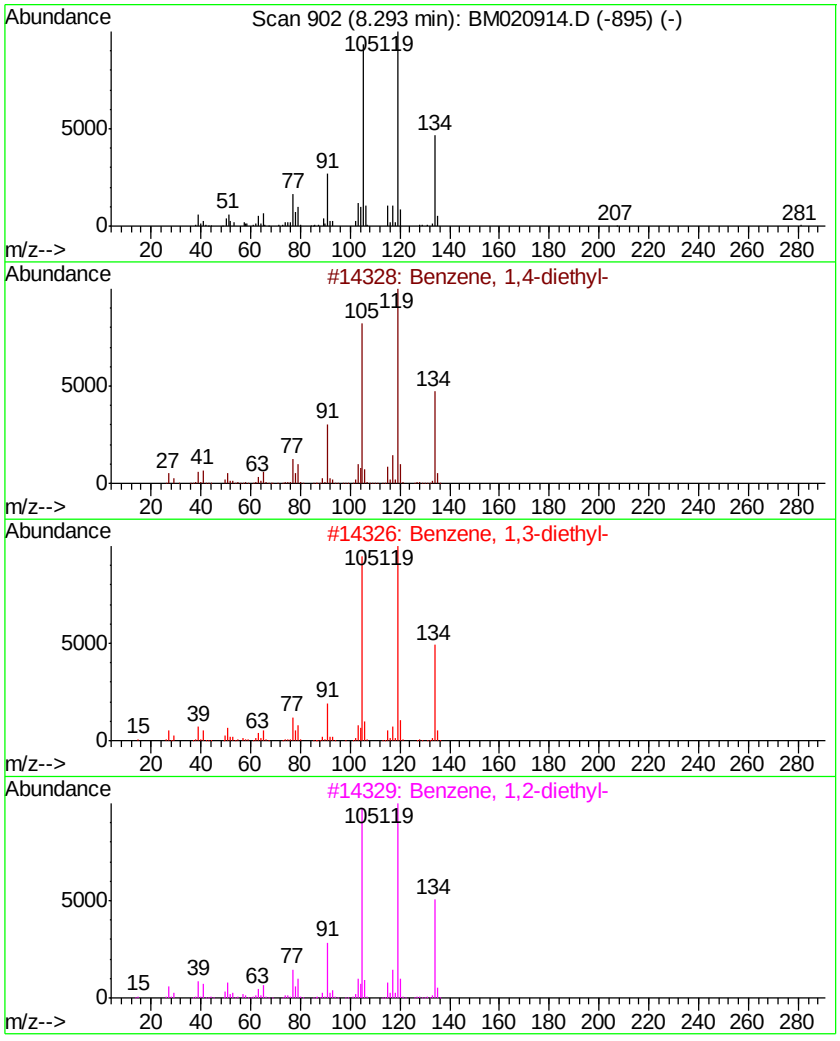

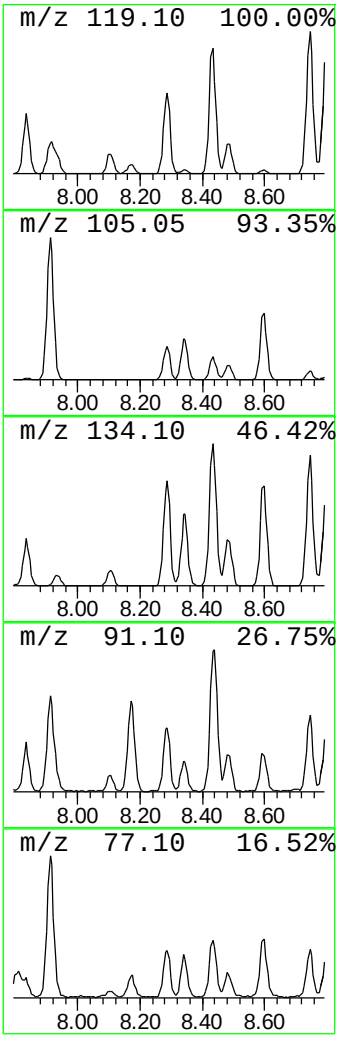

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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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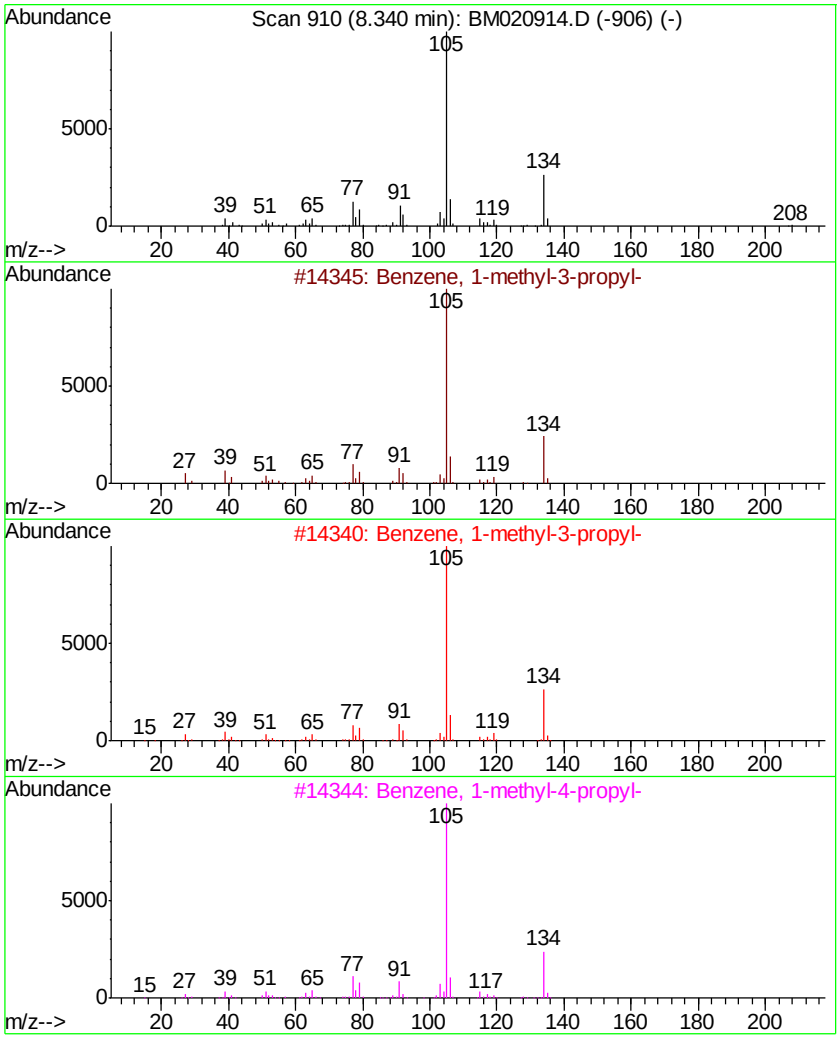
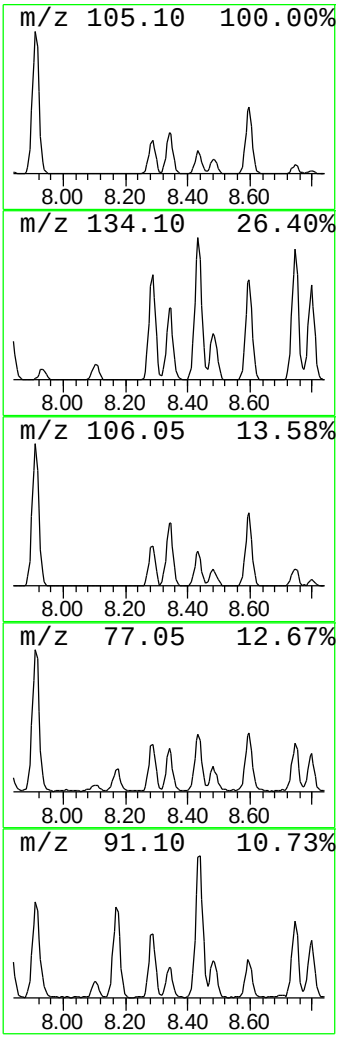
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.50 ng/ul	389923	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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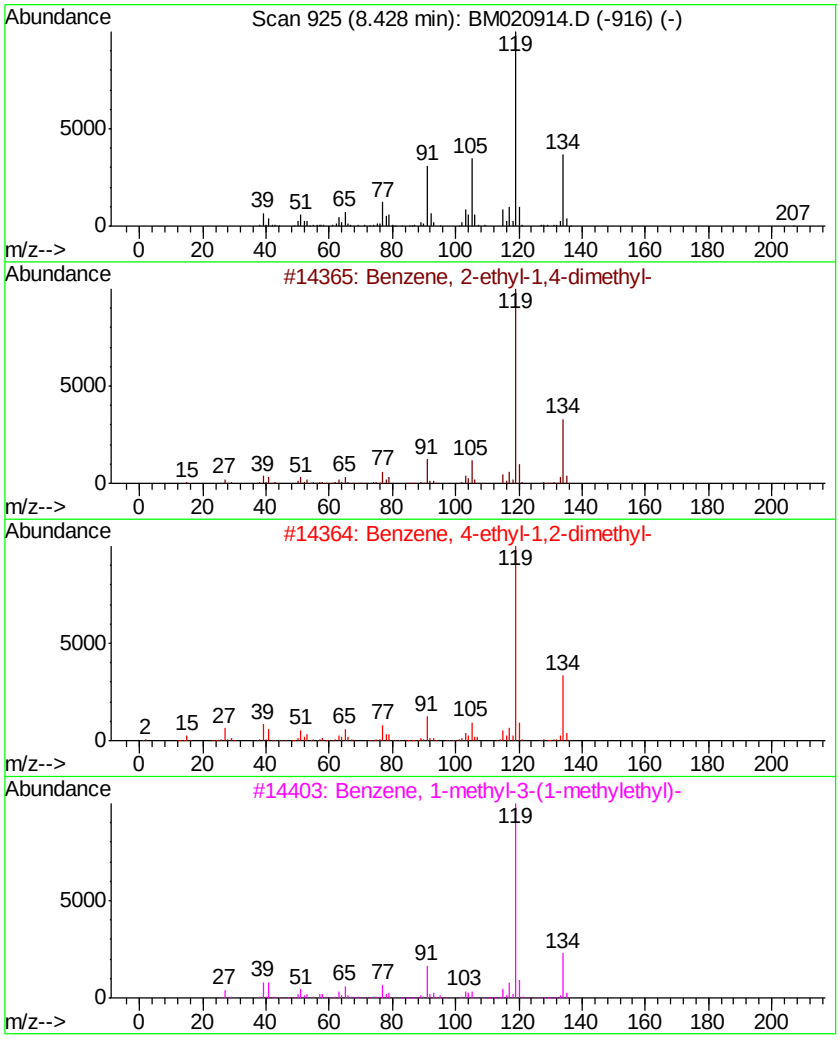
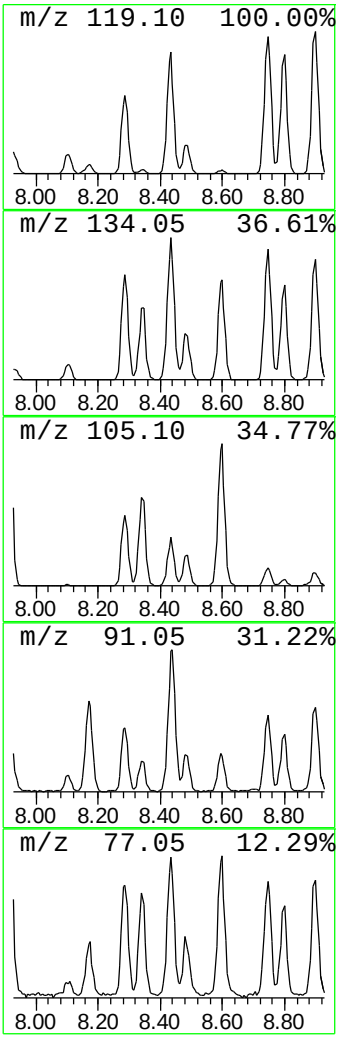
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	7.55 ng/ul	841606	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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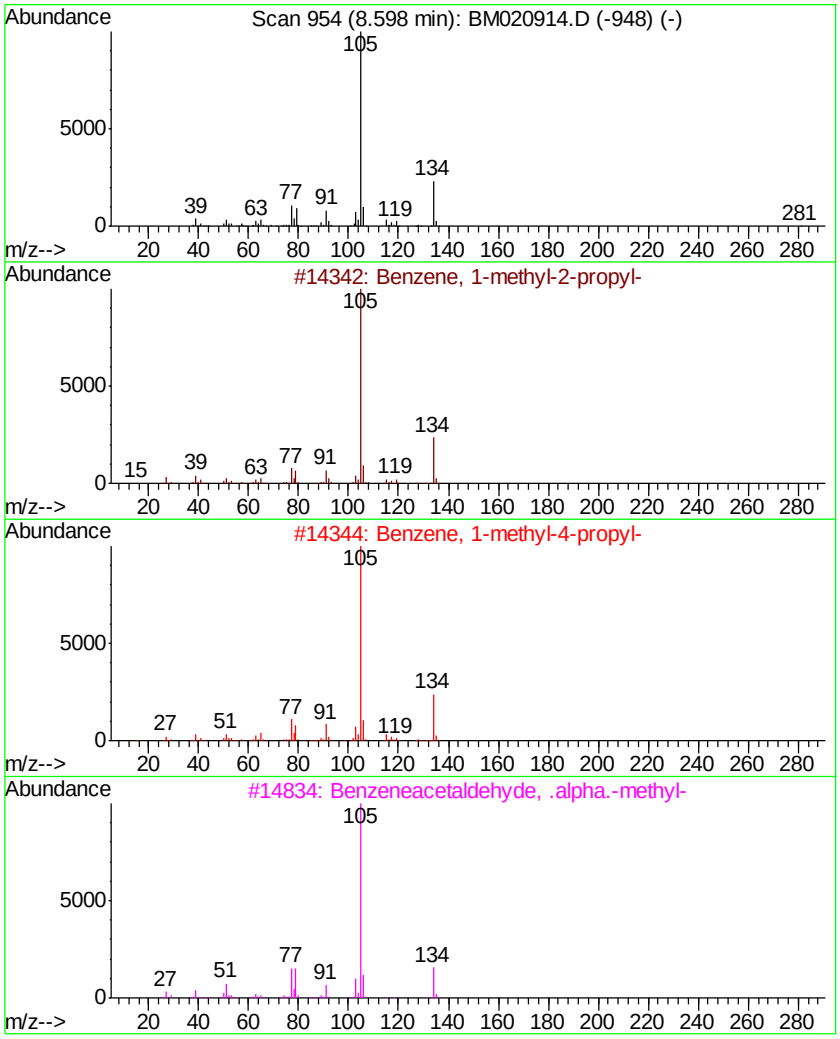
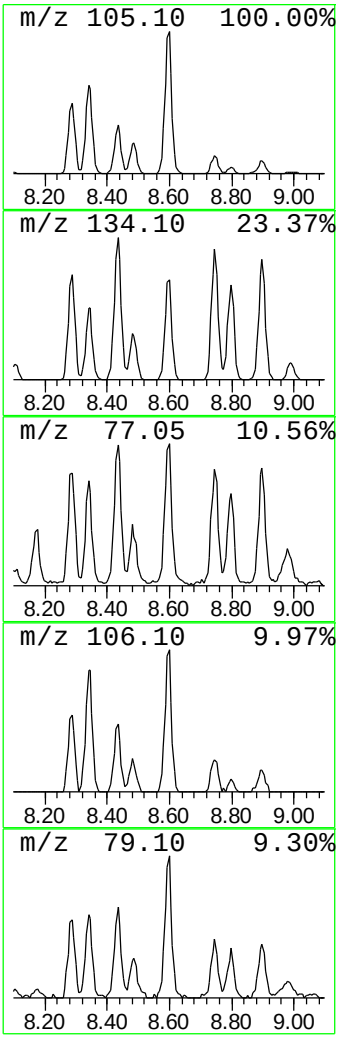
Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.54 ng/ul	617448	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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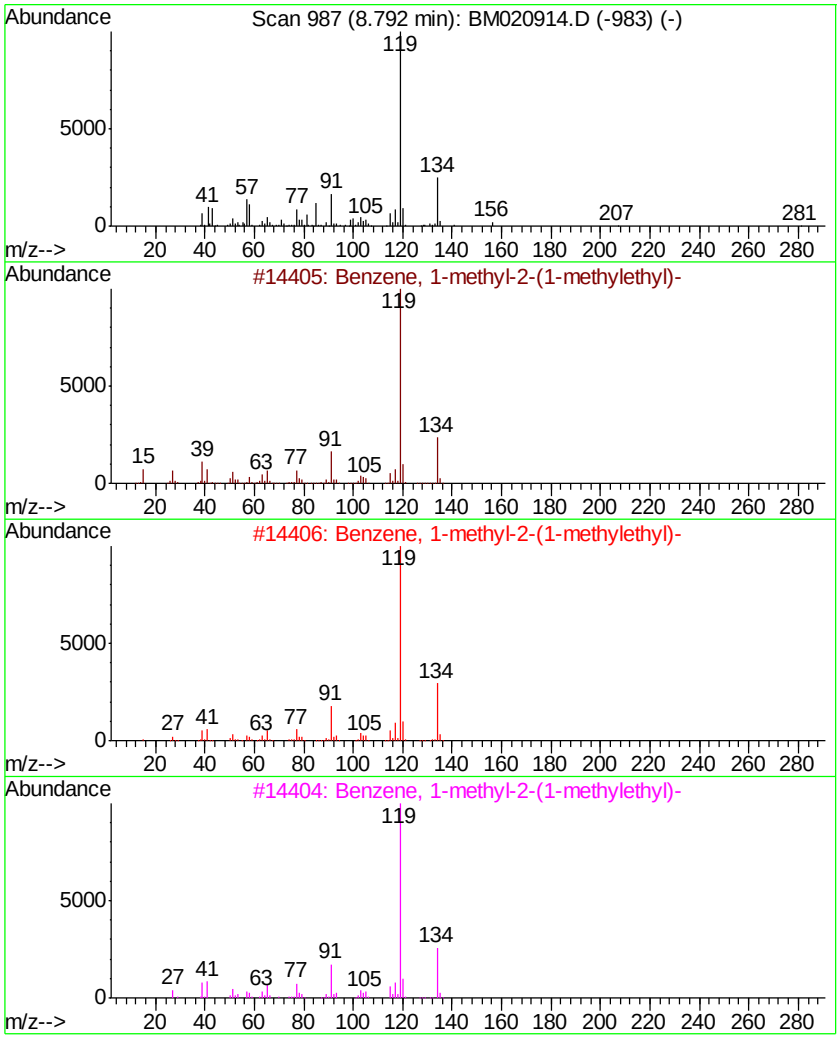
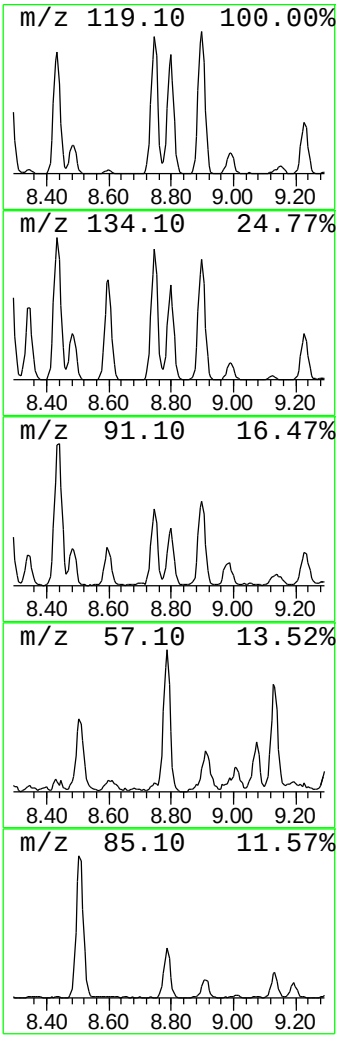
Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	6.66 ng/ul	742340	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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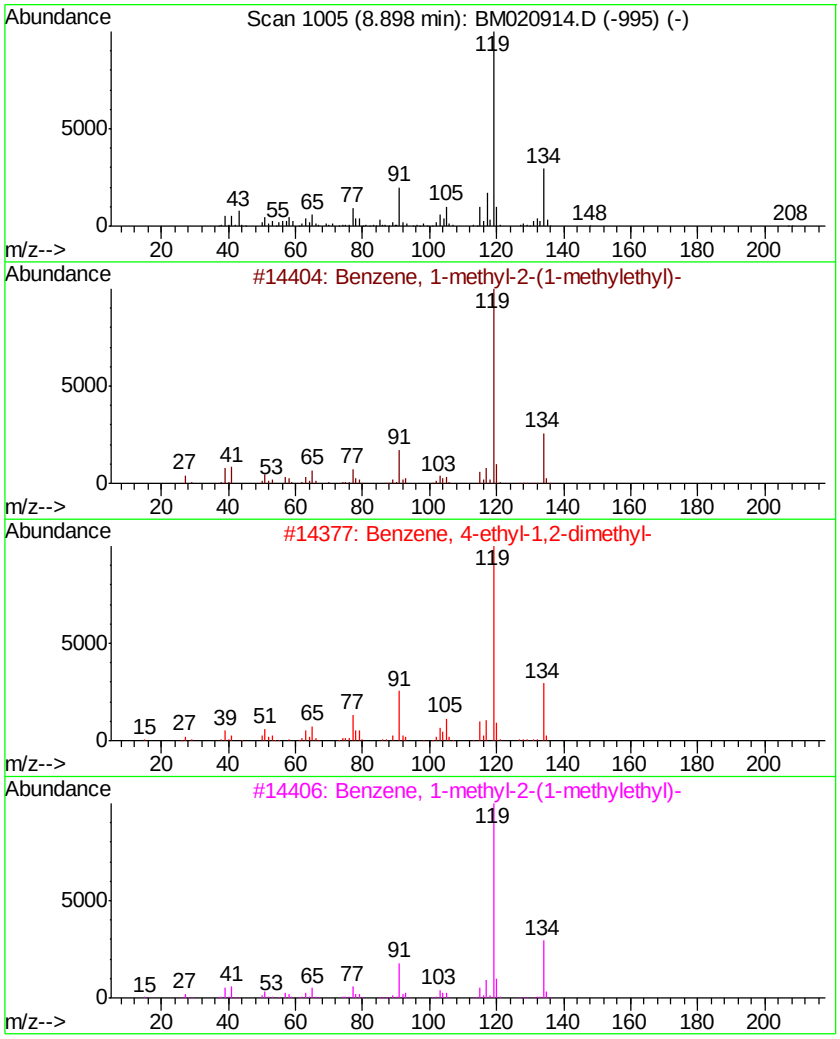
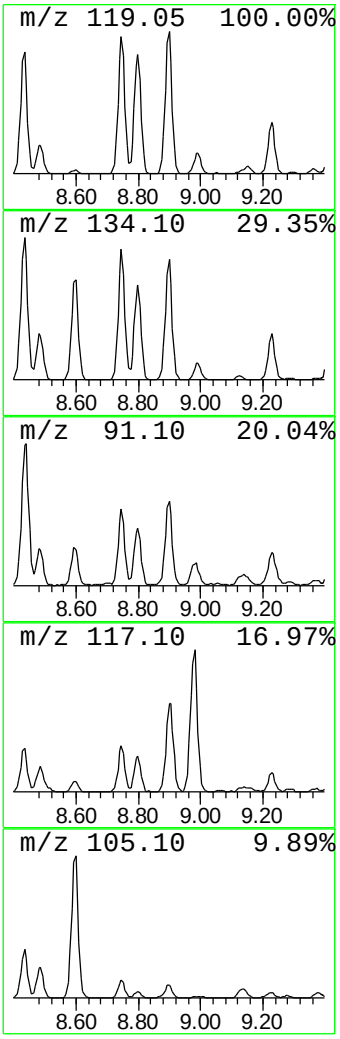
Peak Number 15 Benzene, 1-methyl-2-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	8.29 ng/ul	923273	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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Quant Title : SVOA CALIBRATION

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

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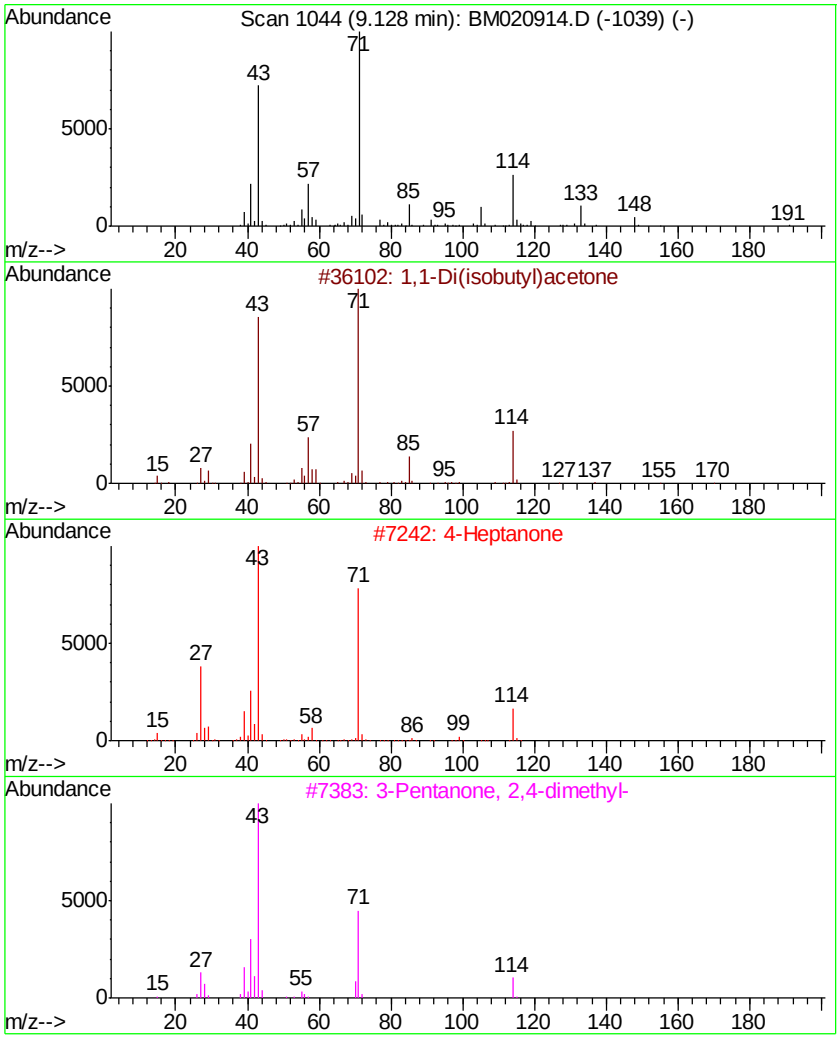
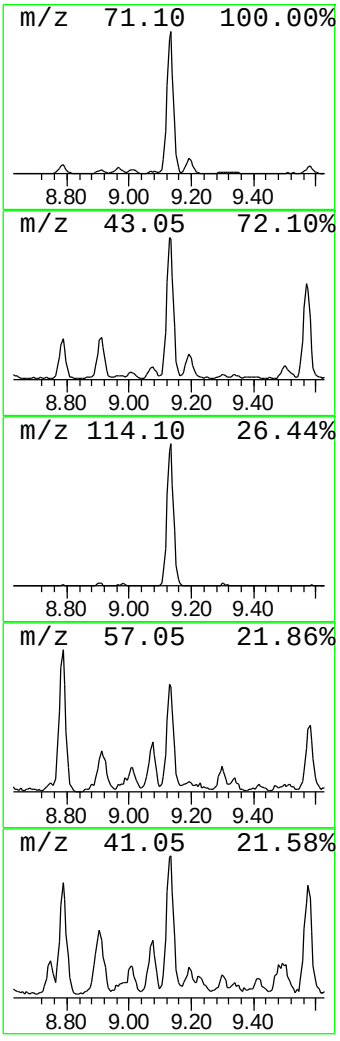
Peak Number 16 1,1-Di(isobutyl)acetone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	5.52 ng/ul	614808	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Di(isobutyl)acetone	170	C11H22O	040264-43-5	59
2	4-Heptanone	114	C7H14O	000123-19-3	58
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	53
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	53
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	53





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Quant Title : SVOA CALIBRATION

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

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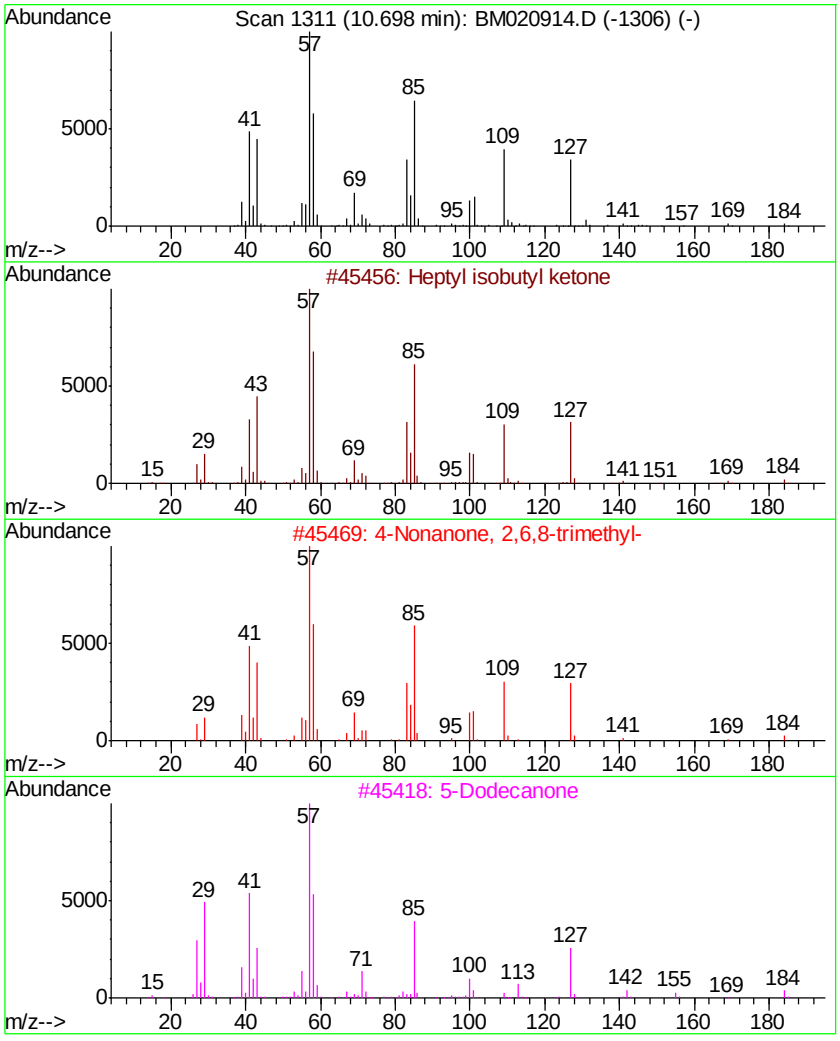
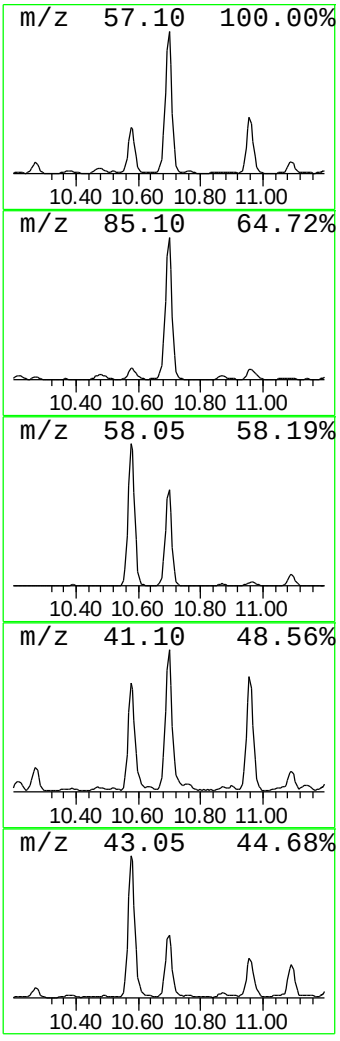
Peak Number 17 Heptyl isobutyl ketone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	8.93 ng/ul	2281820	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	94
2	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	87
3	5-Dodecanone	184	C12H24O	019780-10-0	50
4	5-Dodecanone	184	C12H24O	019780-10-0	50
5	5-Nonanone	142	C9H18O	000502-56-7	38





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Quant Title : SVOA CALIBRATION

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

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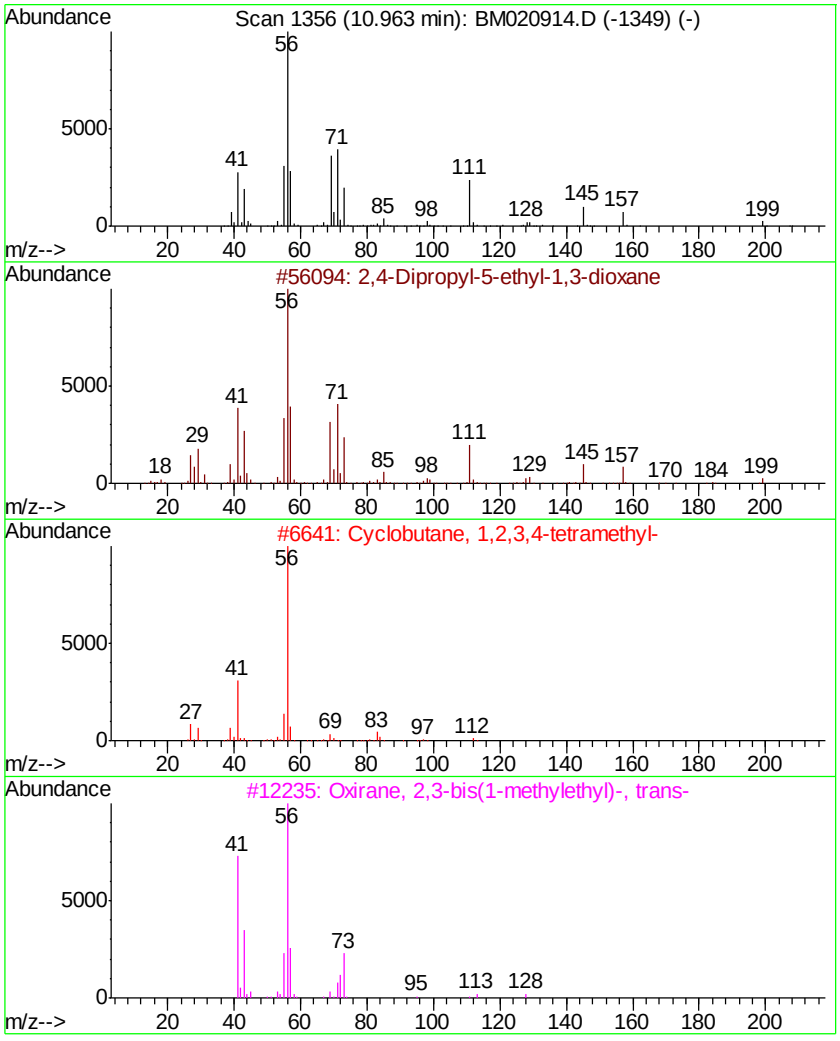
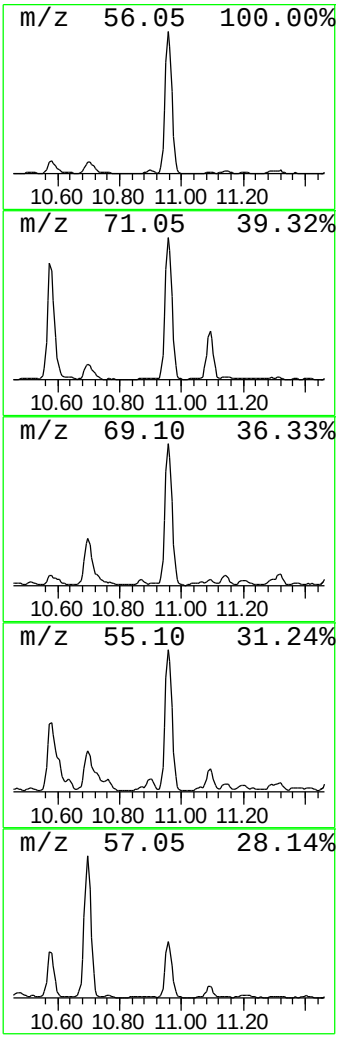
Peak Number 18 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	8.49 ng/ul	2169560	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
2	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	35
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25
4	1-Decene, 2-methyl-	154	C11H22	013151-27-4	17
5	Cyclohexanamine	99	C6H13N	000108-91-8	17





Library Search Compound Report

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Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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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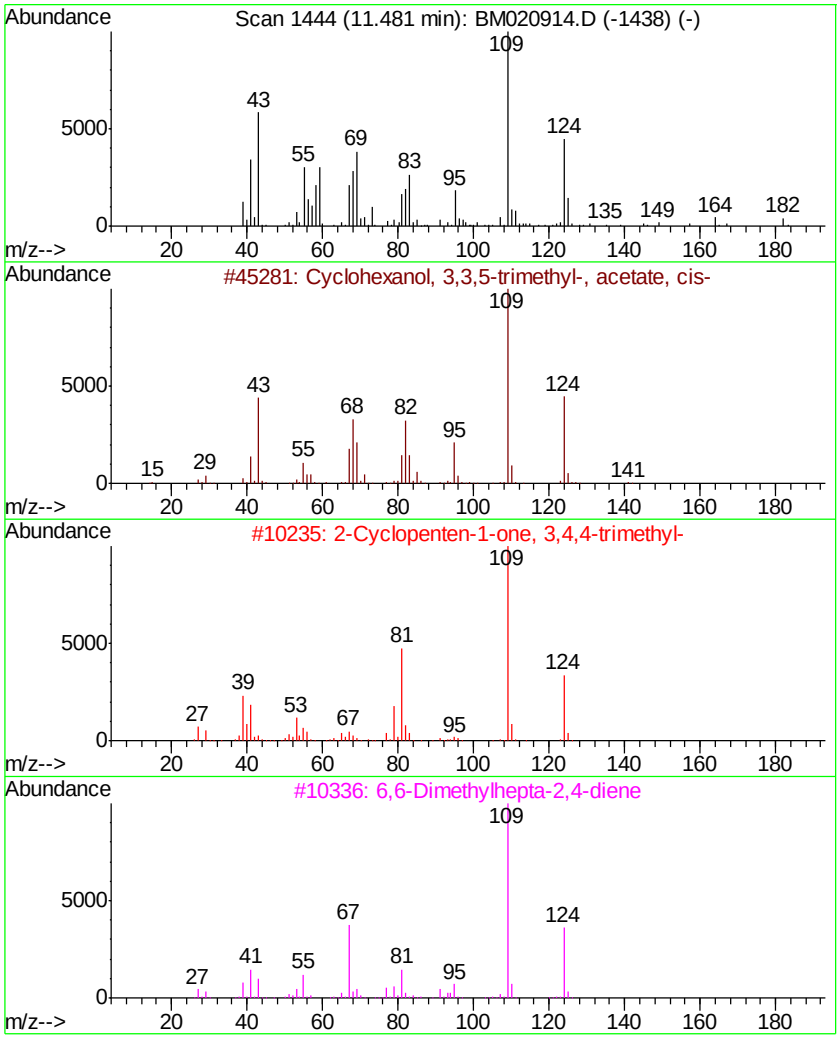
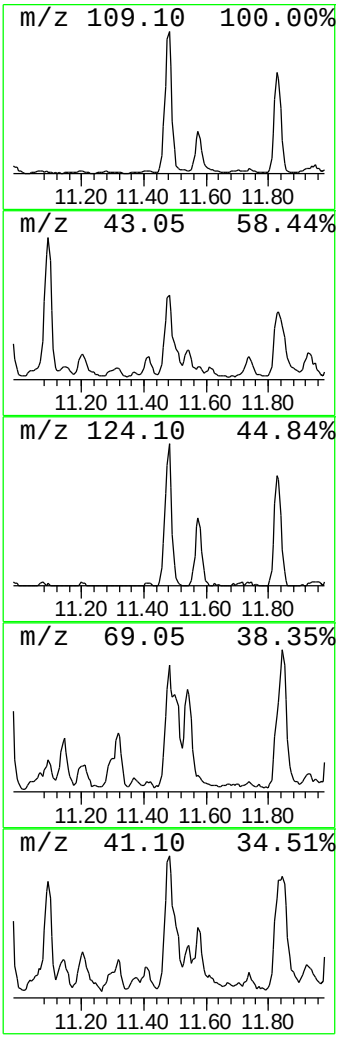
Peak Number 19 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.15 ng/ul	804318	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	53
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	46
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	46
4	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	43
5	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	43





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Data File : BM020914.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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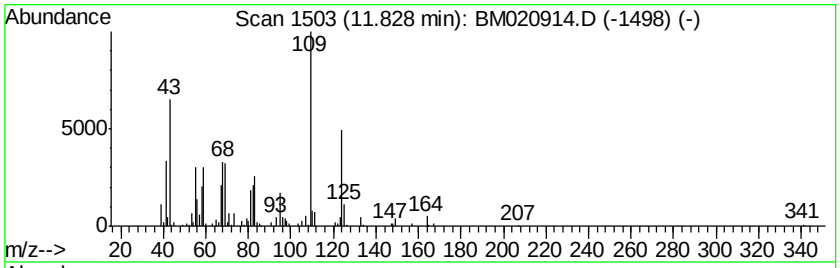
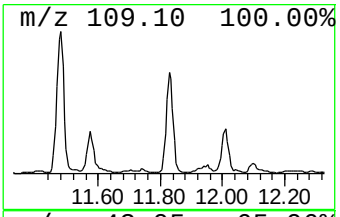
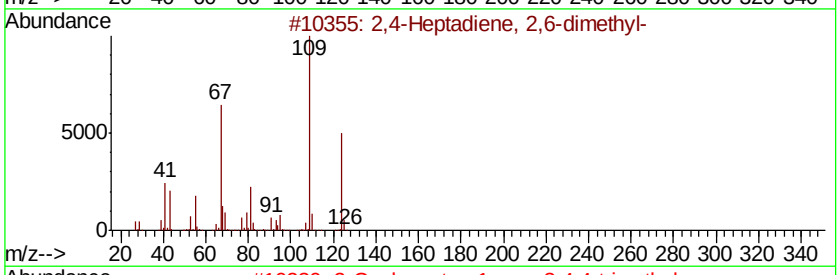
Peak Number 20 unknown-02 Concentration Rank 26

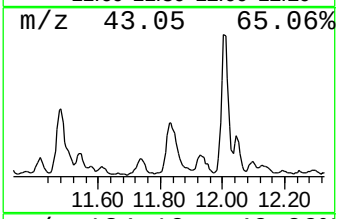
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.79 ng/ul	713125	Naphthalene-d8	10.59

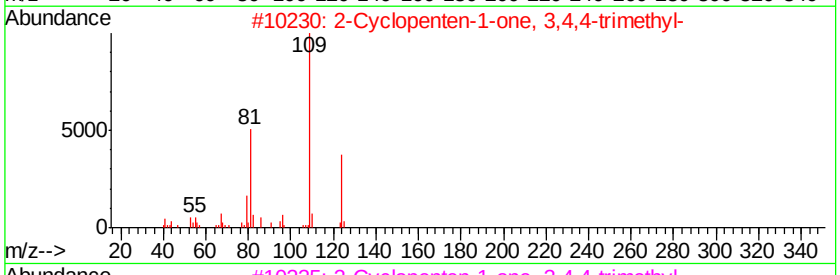
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	47
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	43
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	43
4	3,3,5-Trimethylcyclohexyl methyl...	222	C10H20FO2P	1000298-38-1	40
5	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	38

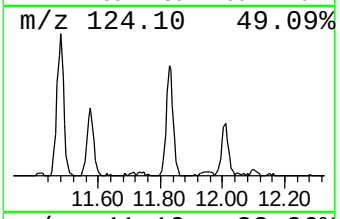


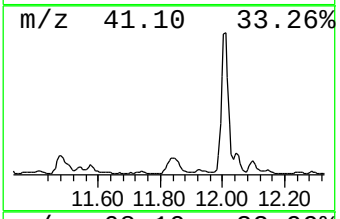


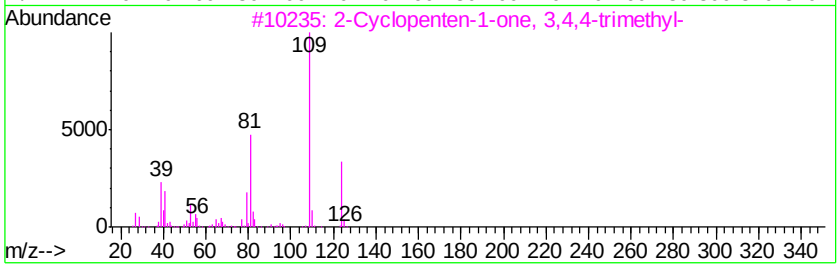


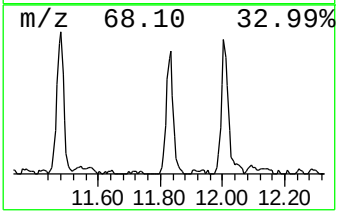












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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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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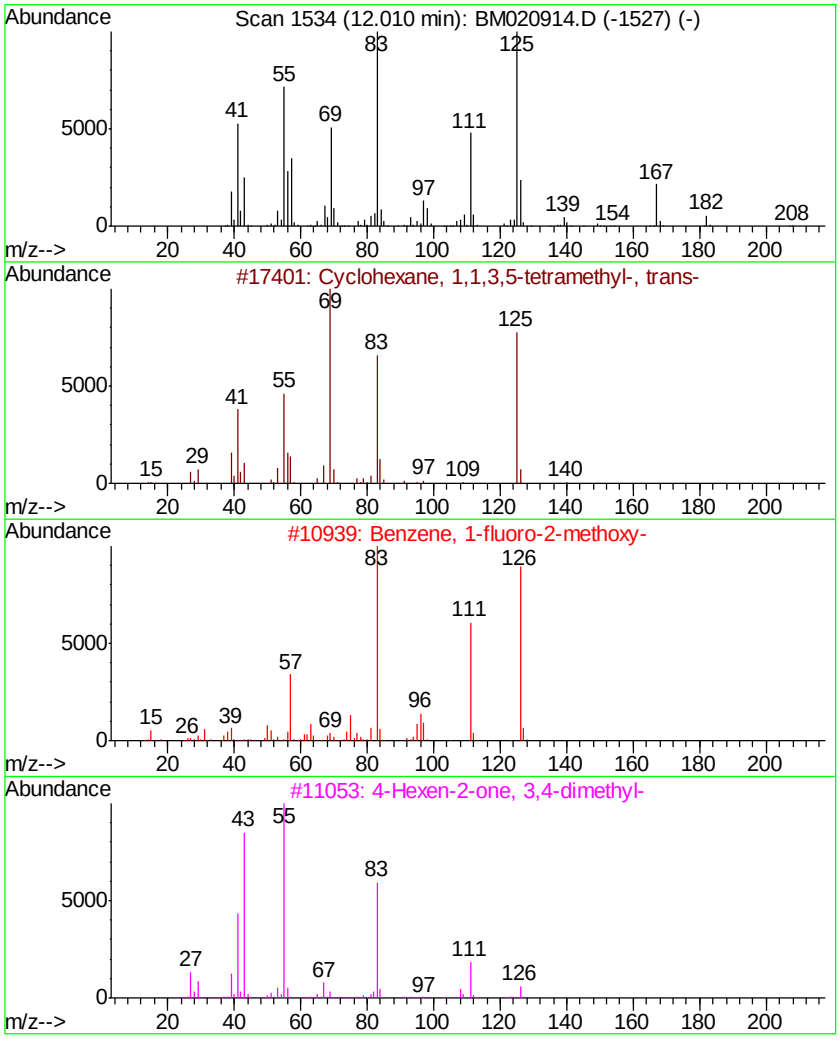
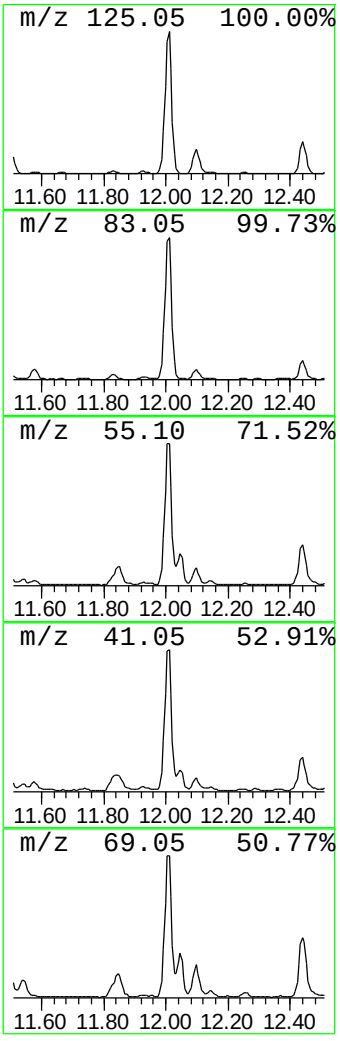
Peak Number 21 (DEL) Alkane: Cyclic12.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.41 ng/ul	3170920	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	52
2	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	43
3	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	43
4	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	38
5	trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	27





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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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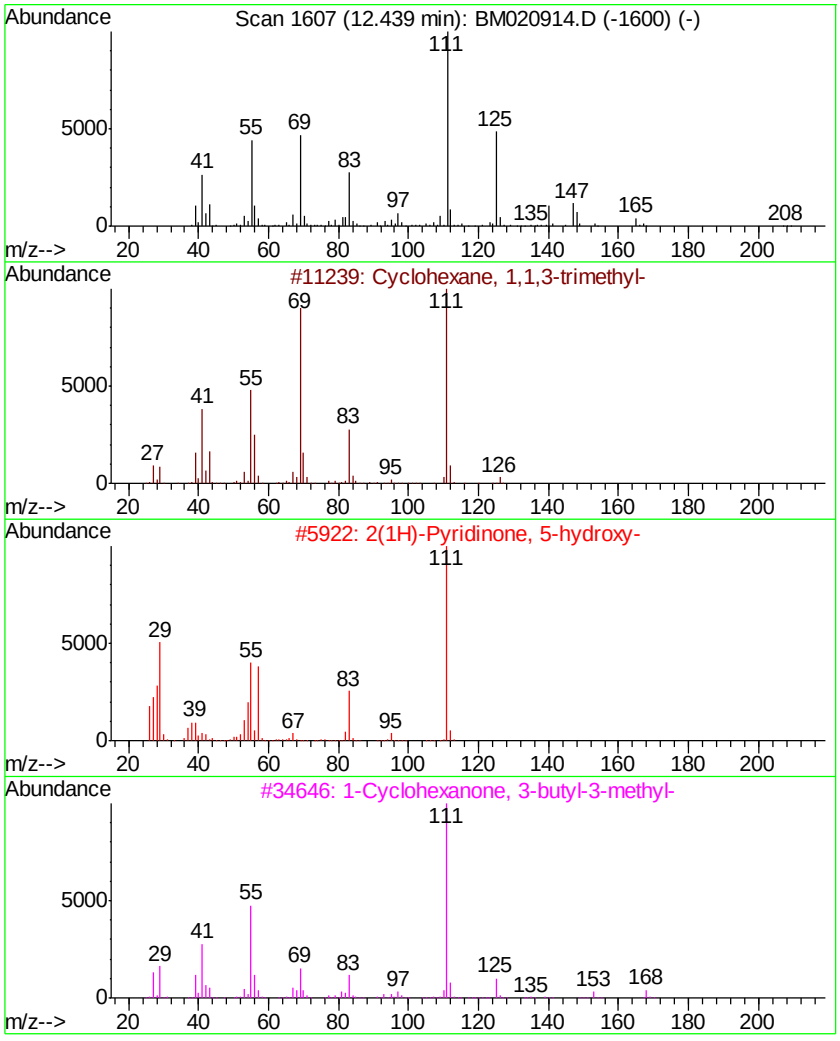
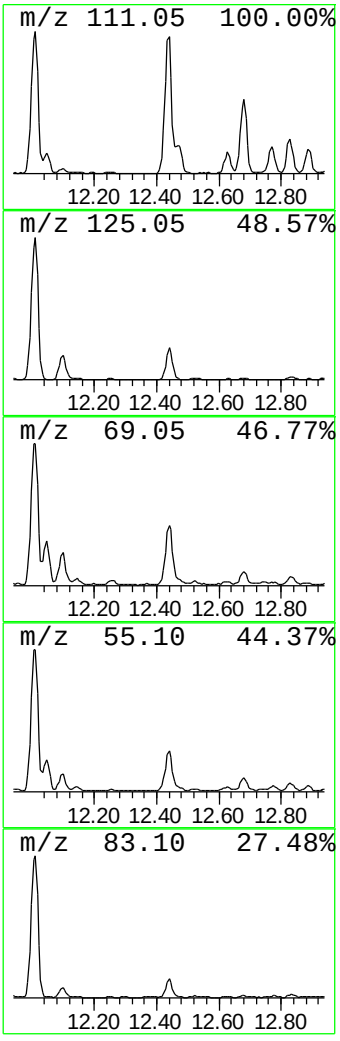
Peak Number 22 (DEL) Alkane: Cyclic12.44 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	4.48 ng/ul	1143800	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	49
2	2(1H)-Pyridinone, 5-hydroxy-	111	C5H5NO2	005154-01-8	46
3	1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	43
4	Pyridin-2,6-diol, diacetate	195	C9H9NO4	1000153-09-2	43
5	Silane, 1-butynyltrimethyl-	126	C7H14Si	062108-37-6	43





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Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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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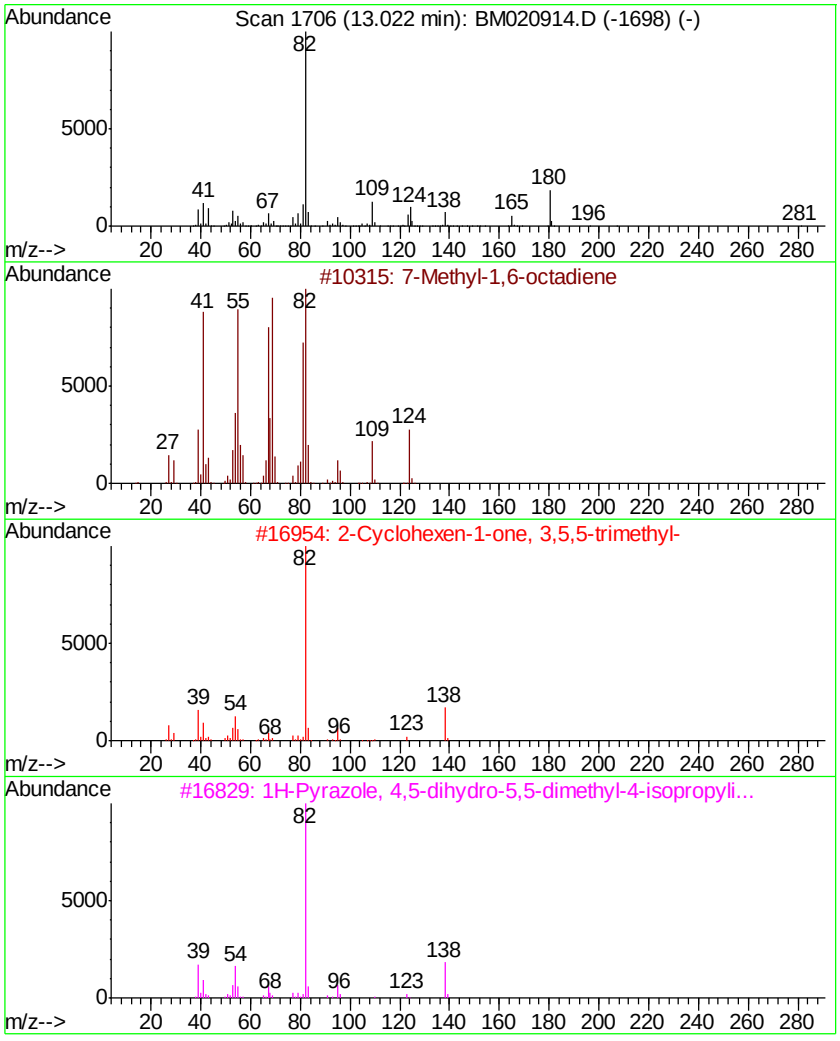
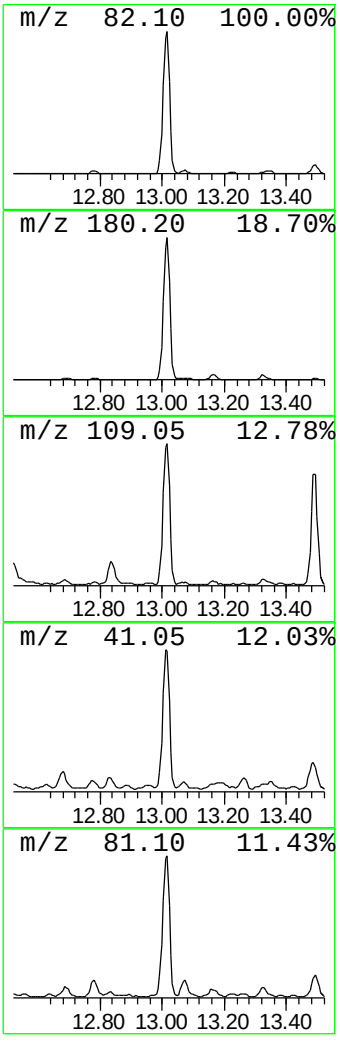
Peak Number 23 7-Methyl-1,6-octadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	17.07 ng/ul	3387650	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	70
2	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	52
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	50
4	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	47
5	2-Cyclohexen-1-one, 3,6-dimethyl...	166	C11H18O	054410-58-1	42





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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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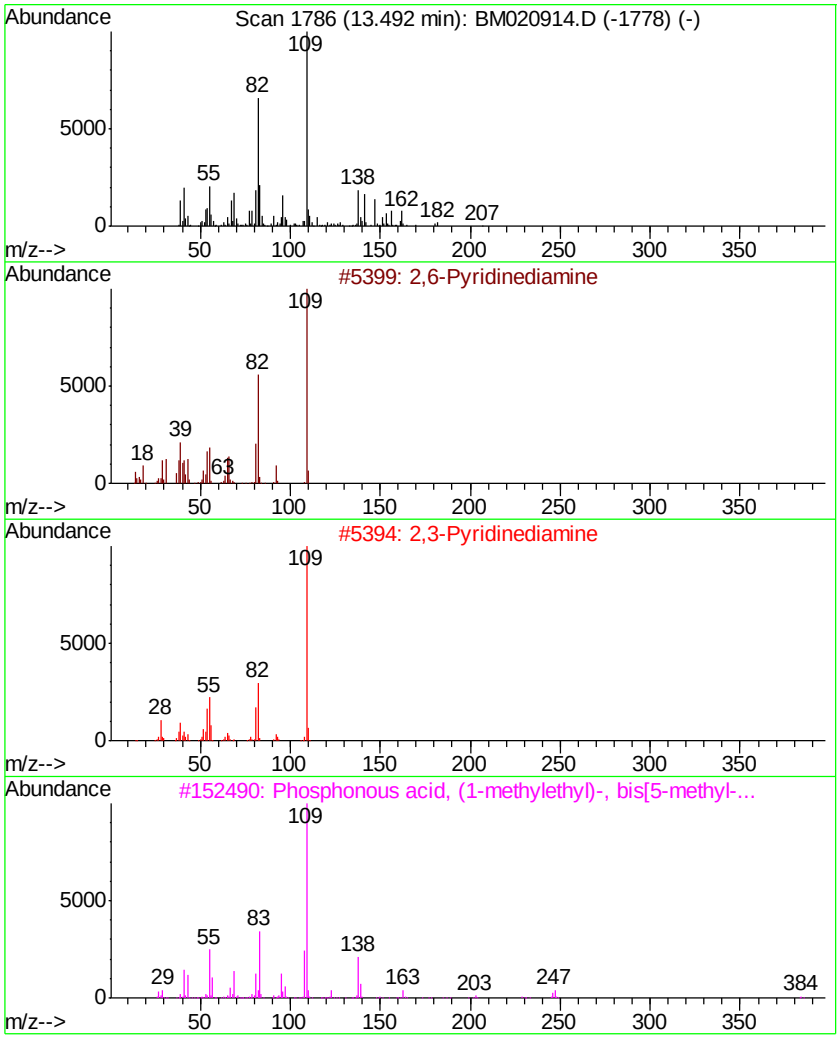
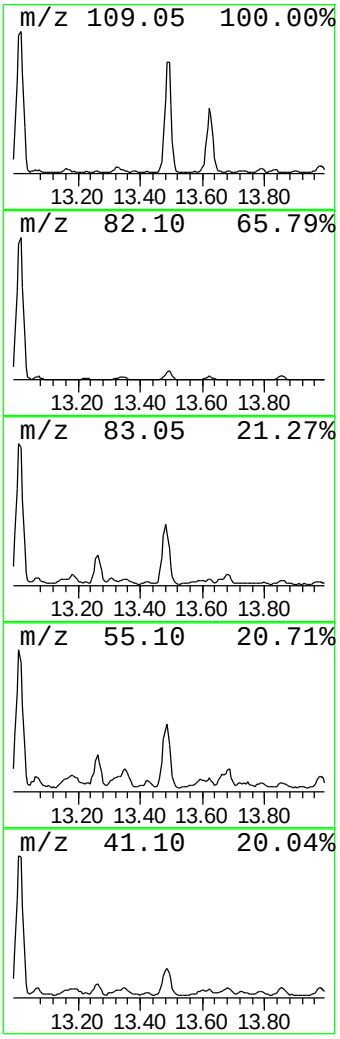
Peak Number 24 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.95 ng/ul	981658	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	49
2	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	38
3	Phosphonous acid, (1-methylethyl...	384	C23H45O2P	074630-15-2	37
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	37
5	Diaminopyridine	109	C5H7N3	004318-76-7	35





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Instrument : BNA_M
ClientSampleId : DB8J2

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TIC Library : C:\DATABASE\NIST02.L
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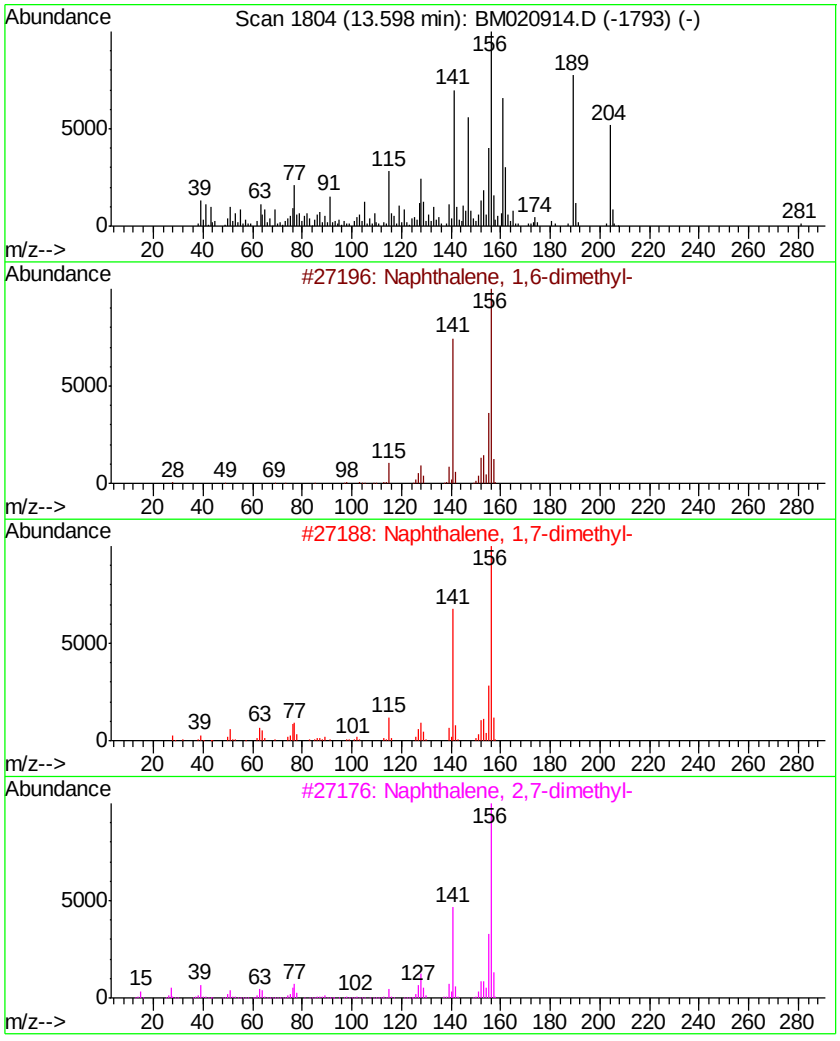
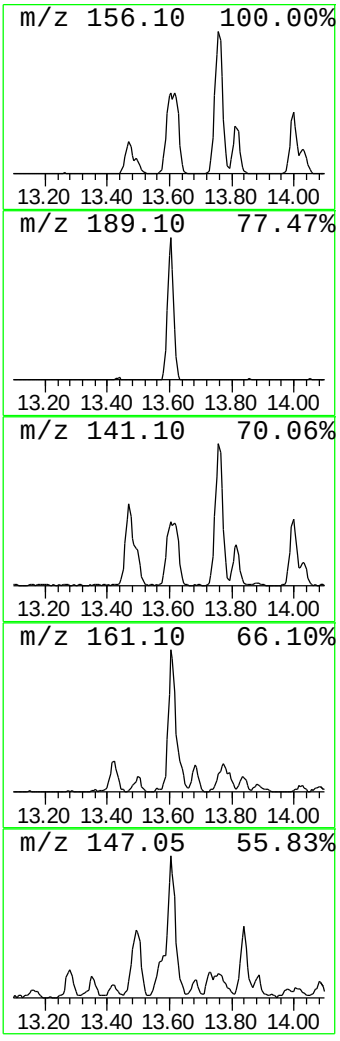
Peak Number 25 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.83 ng/ul	1158120	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	74
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	74
4	3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	56
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	55





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Sample : K3215-08
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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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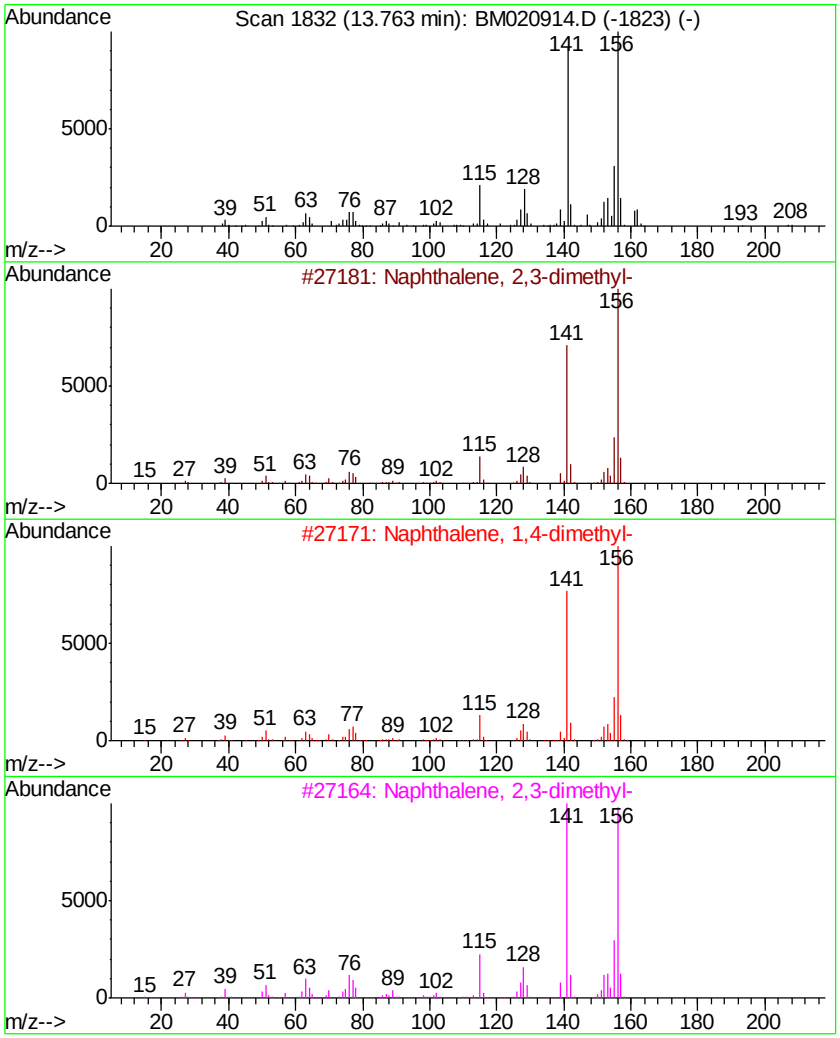
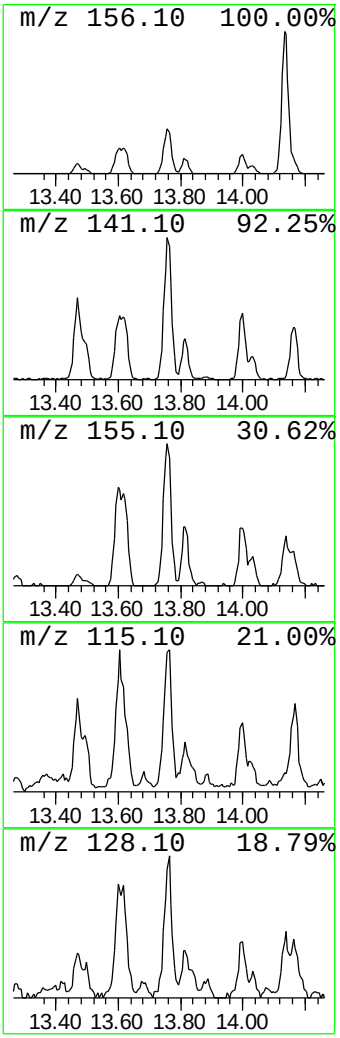
Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.42 ng/ul	677905	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Quant Title : SVOA CALIBRATION

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

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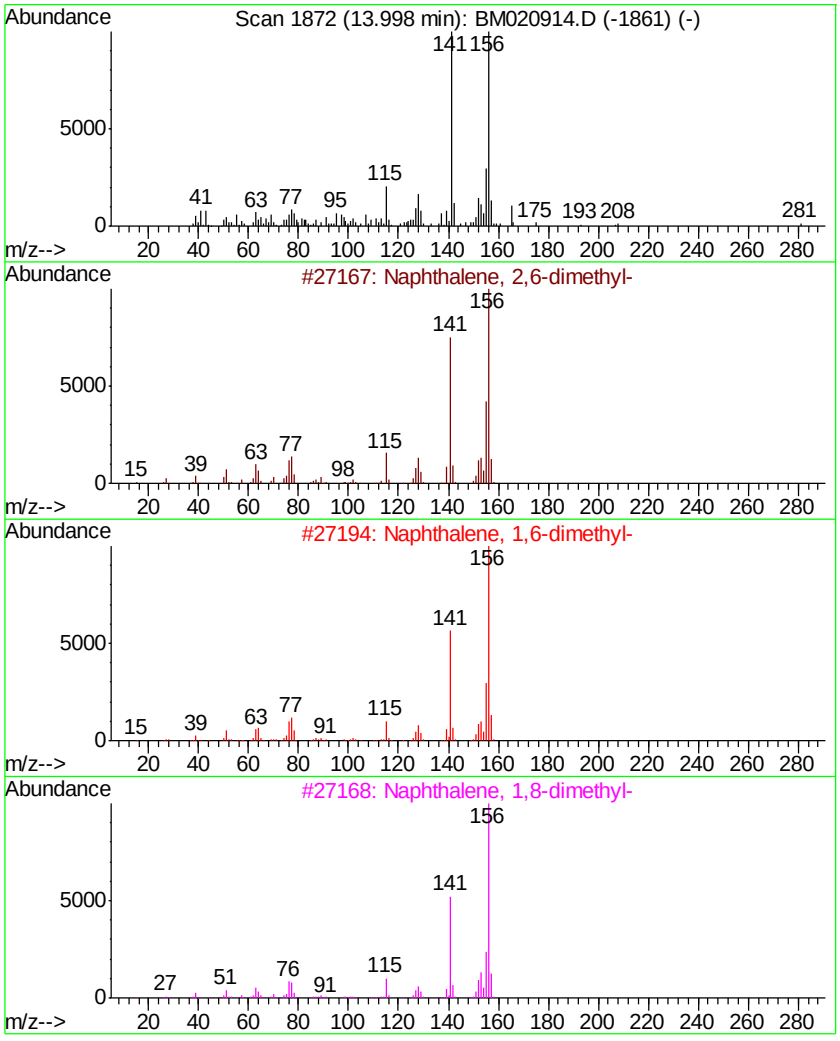
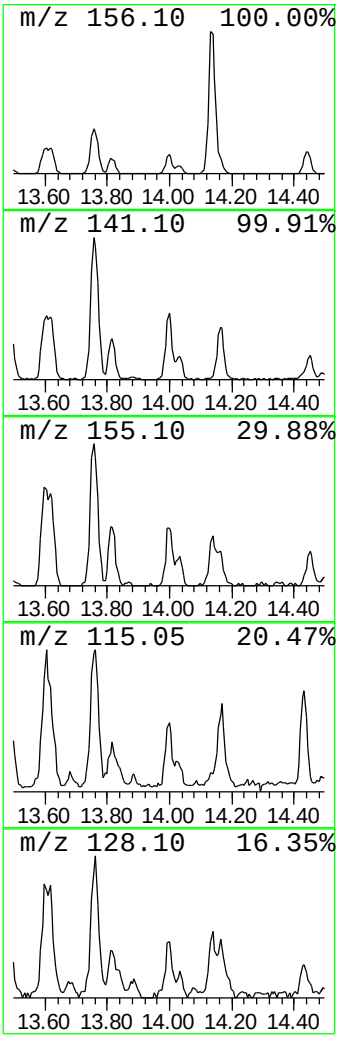
Peak Number 27 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.36 ng/ul	468461	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8J2

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Quant Title : SVOA CALIBRATION

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

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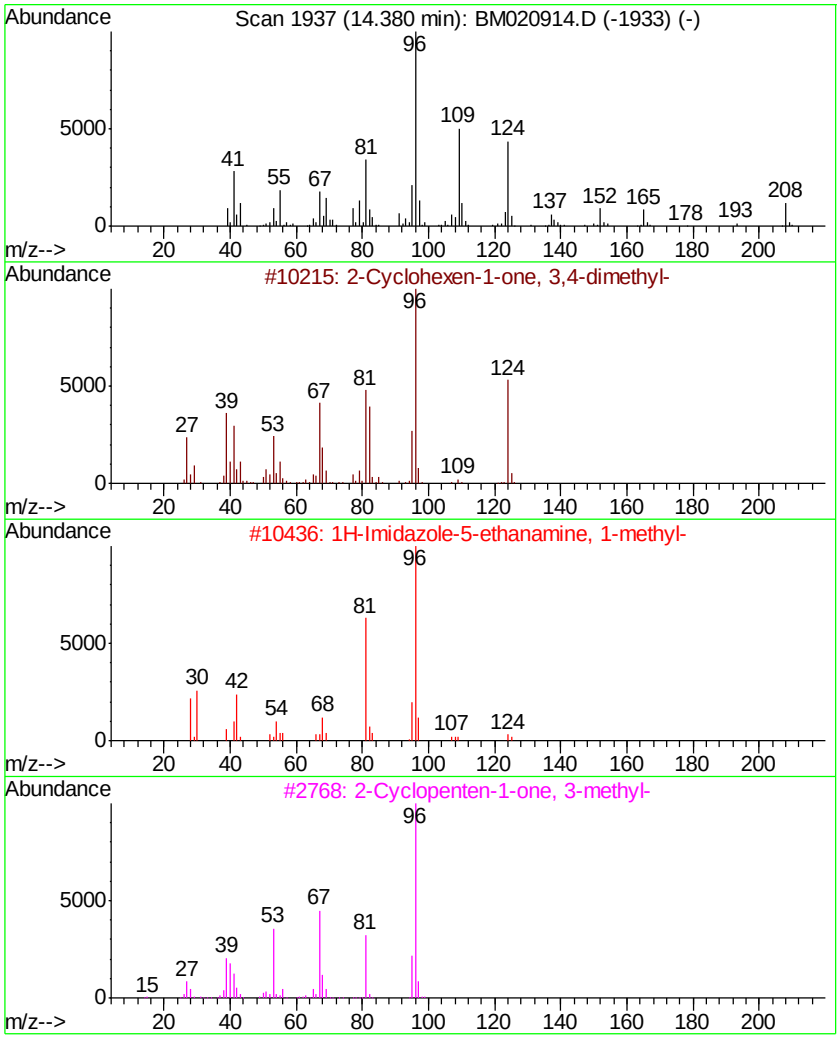
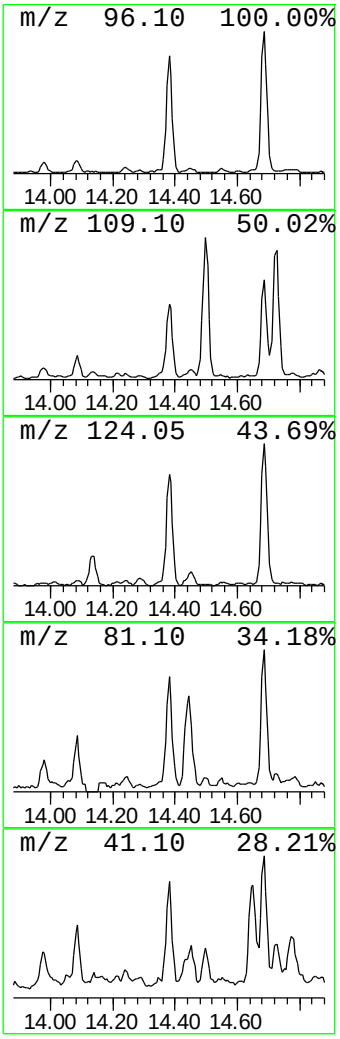
Peak Number 28 2-Cyclohexen-1-one, 3,4-dim... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.22 ng/ul	441210	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	50
2	1H-Imidazole-5-ethanamine, 1-met...	125	C6H11N3	000644-42-8	38
3	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	35
4	1H-Indene, octahydro-	124	C9H16	000496-10-6	33
5	n-Butylphosphonic acid	138	C4H11O3P	003321-64-0	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020914.D
Acq On : 12 Jun 2019 21:31
Operator : HP/JU
Sample : K3215-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J2

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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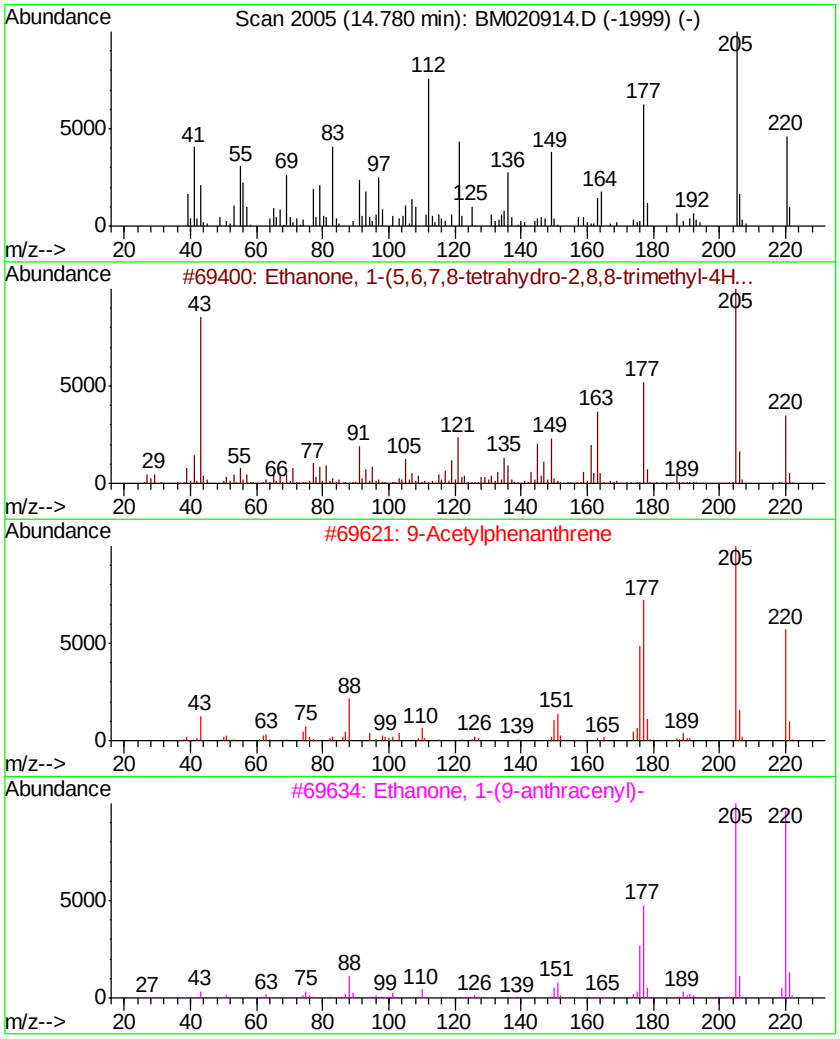
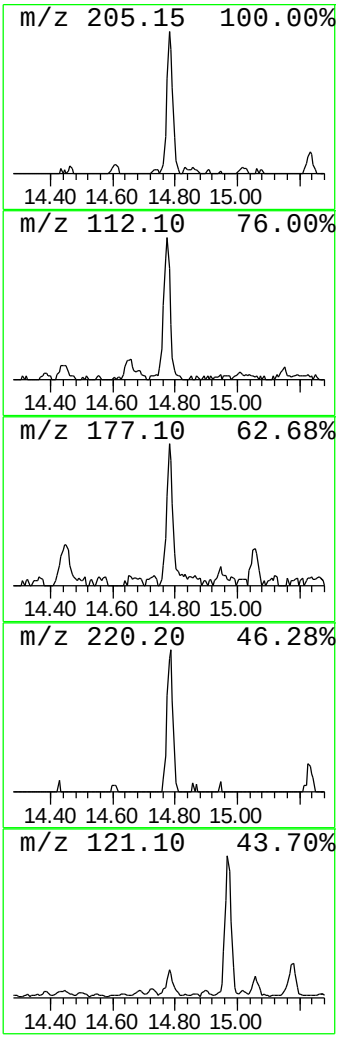
Peak Number 29 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.15 ng/ul	426926	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
2	9-Acetylphenanthrene	220	C16H12O	002039-77-2	45
3	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43
4	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	38
5	3,5-Cyclohexadiene-1,2-dione, 3,...	220	C14H20O2	003383-21-9	35





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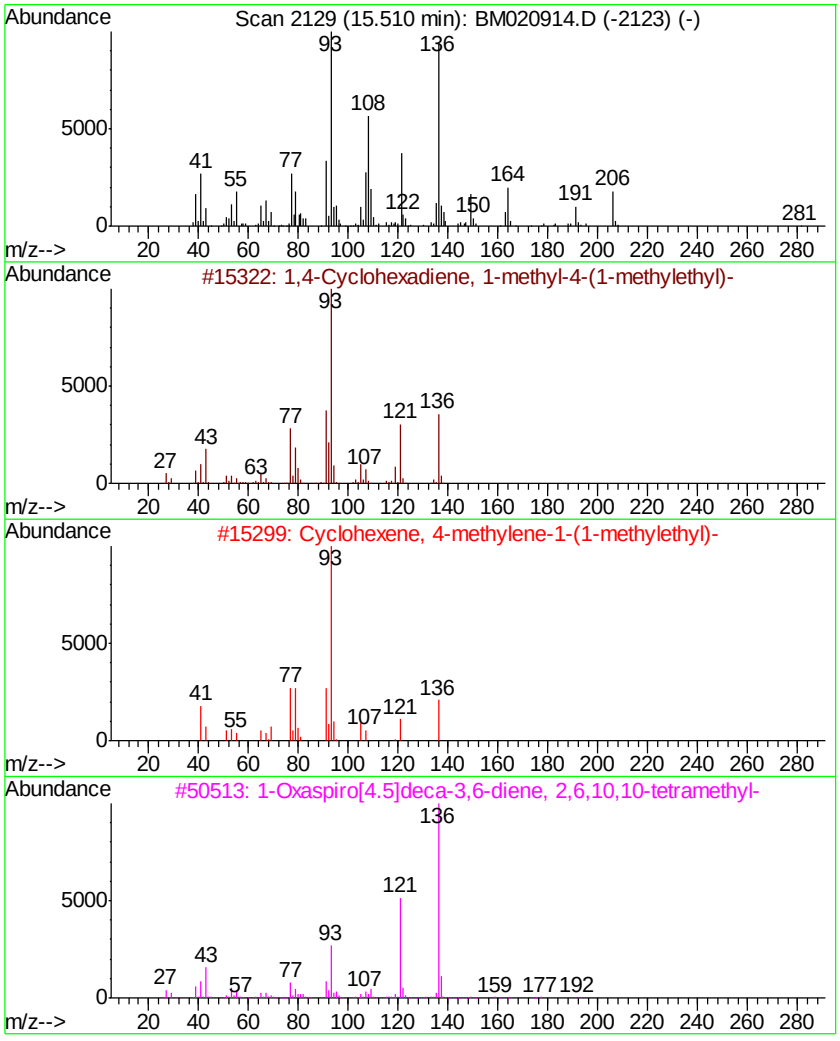
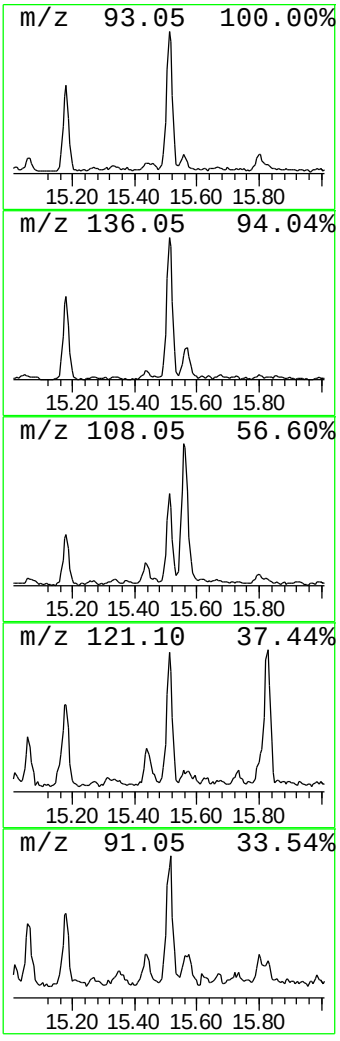
****

Peak Number 30 1,4-Cyclohexadiene, 1-methy... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.24 ng/ul	444018	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	55
2	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	49
3	1-Oxaspiro[4.5]deca-3,6-diene, 2...	192	C13H20O	054344-61-5	49
4	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	49
5	Camphenone, 6-	150	C10H14O	055659-42-2	46





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.04	8.3	ng/ul	929062	1	7.80	2228090	20.0
Benzene, (1-methy...	6.29	5.7	ng/ul	633159	1	7.80	2228090	20.0
Benzene, 1-ethyl-...	6.89	27.4	ng/ul	3051740	1	7.80	2228090	20.0
Benzene, 1,2,3-tr...	7.02	11.7	ng/ul	1303480	1	7.80	2228090	20.0
Benzene, 1,3,5-tr...	7.45	38.8	ng/ul	4320230	1	7.80	2228090	20.0
Benzene, 1,2,4-tr...	7.91	13.8	ng/ul	1531780	1	7.80	2228090	20.0
Indane	8.17	8.7	ng/ul	969674	1	7.80	2228090	20.0
Benzene, 1,4-diet...	8.29	5.5	ng/ul	617581	1	7.80	2228090	20.0
Benzene, 1-methyl...	8.34	3.5	ng/ul	389923	1	7.80	2228090	20.0
Benzene, 2-ethyl-...	8.43	7.5	ng/ul	841606	1	7.80	2228090	20.0
Benzene, 1-methyl...	8.60	5.5	ng/ul	617448	1	7.80	2228090	20.0
Benzene, 1-methyl...	8.79	6.7	ng/ul	742340	1	7.80	2228090	20.0
Benzene, 1-methyl...	8.90	8.3	ng/ul	923273	1	7.80	2228090	20.0
1,1-Di(isobutyl)a...	9.13	5.5	ng/ul	614808	1	7.80	2228090	20.0
Heptyl isobutyl k...	10.70	8.9	ng/ul	2281820	2	10.59	5109630	20.0
unknown-01	10.96	8.5	ng/ul	2169560	2	10.59	5109630	20.0
Cyclohexanol, 3,3...	11.48	3.1	ng/ul	804318	2	10.59	5109630	20.0
unknown-02	11.83	2.8	ng/ul	713125	2	10.59	5109630	20.0
(DEL) Alkane: Cyc...	12.01	12.4	ng/ul	3170920	2	10.59	5109630	20.0
(DEL) Alkane: Cyc...	12.44	4.5	ng/ul	1143800	2	10.59	5109630	20.0
7-Methyl-1,6-octa...	13.02	17.1	ng/ul	3387650	3	14.44	3969750	20.0
unknown-03	13.49	5.0	ng/ul	981658	3	14.44	3969750	20.0
Naphthalene, 1,6-...	13.60	5.8	ng/ul	1158120	3	14.44	3969750	20.0
Naphthalene, 2,3-...	13.76	3.4	ng/ul	677905	3	14.44	3969750	20.0
Naphthalene, 2,6-...	14.00	2.4	ng/ul	468461	3	14.44	3969750	20.0
2-Cyclohexen-1-on...	14.38	2.2	ng/ul	441210	3	14.44	3969750	20.0
unknown-04	14.78	2.1	ng/ul	426926	3	14.44	3969750	20.0
1,4-Cyclohexadien...	15.51	2.2	ng/ul	444018	3	14.44	3969750	20.0