LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.619	87	90	102	rVB2	143271	241175	3.71%	0.343%
2	3.860	124	131	142	rVB5	86491	176695	2.71%	0.251%
3	3.954	142	147	151	rBV2	134434	233656	3.59%	0.332%
4	4.007	151	156	165	rVB2	283913	619058	9.51%	0.881%
5	4.107	165	173	183	rVB	335343	662199	10.17%	0.942%
6	4.283	196	203	206	rBV3	134459	256972	3.95%	0.366%
7	4.418	222	226	229	rVV3	144925	261842	4.02%	0.373%
8	4.454	229	232	243	rVB2	219937	389181	5.98%	0.554%
9	4.571	243	252	255	rBV3	94226	178072	2.74%	0.253%
10	4.648	261	265	272	rVB2	96259	179656	2.76%	0.256%
11	4.759	279	284	293	rVB2	92326	180853	2.78%	0.257%
12	4.859	293	301	307	rBV2	226281	433153	6.66%	0.616%
13	4.953	313	317	322	rBV	217992	376645	5.79%	0.536%
14	5.065	332	336	341	rVV2	132202	213209	3.28%	0.303%
15	5.118	341	345	350	rVV2	134815	241854	3.72%	0.344%
16	5.182	350	356	363	rVB4	102677	215632	3.31%	0.307%
17	5.282	369	373	377	rBV	114800	183609	2.82%	0.261%
18	5.370	383	388	391	rVV2	316407	591721	9.09%	0.842%
19	5.400	391	393	397	rVB	296370	336364	5.17%	0.479%
20	5.494	403	409	420	rVB2	1645975	3037338	46.67%	4.322%
21	5.605	420	428	438	rVB8	87684	272870	4.19%	0.388%
22	5.723	438	448	454	rBV5	110188	298501	4.59%	0.425%
23	5.799	454	461	465	rBV5	93228	177303	2.72%	0.252%
24	5.876	469	474	478	rVV3	104398	192989	2.97%	0.275%
25	5.940	478	485	492	rVB3	131074	336400	5.17%	0.479%
26	6.128	506	517	522	rBV7	52599	154463	2.37%	0.220%
27	6.199	522	529	542	rVB4	205455	488942	7.51%	0.696%
28	6.316	542	549	559	rBV2	128720	360539	5.54%	0.513%
29	6.410	559	565	573	rBV3	195488	436054	6.70%	0.620%
30	6.487	573	578	583	rBV	256128	382467	5.88%	0.544%
31	6.563	583	591	603	rVB5	198895	508693	7.82%	0.724%
32	6.739	614	621	627	rVB8	50490	158351	2.43%	0.225%
33	6.816	627	634	642	rBV5	142014	366034	5.62%	0.521%
34	6.921	642	652	657	rBV3	404673	1138246	17.49%	1.620%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.974	657	661	666	rVB	256584	389820	5.99%	0.555%
36	7.086	673	680	689	rVB	1777608	3090781	47.49%	4.398%
37	7.268	703	711	714	rBV5	63559	175811	2.70%	0.250%
38	7.415	727	736	745	rBV7	91995	305687	4.70%	0.435%
39	7.914	815	821	827	rVB2	444124	730045	11.22%	1.039%
40	8.038	839	842	852	rVB2	130387	233779	3.59%	0.333%
41	8.120	852	856	860	rVB	116151	155511	2.39%	0.221%
42	8.238	870	876	882	rVB	1127074	1965255	30.19%	2.797%
43	8.290	882	885	891	rVB3	89685	158840	2.44%	0.226%
44	8.414	901	906	911	rBV	320599	552234	8.48%	0.786%
45	8.467	911	915	921	rVB2	129932	234785	3.61%	0.334%
46	8.567	928	932	936	rBV2	320237	593424	9.12%	0.844%
47	8.702	946	955	956	rBV2	203825	334415	5.14%	0.476%
48	8.725	956	959	967	rVV	265952	521311	8.01%	0.742%
49	8.807	967	973	978	rVV5	59138	173040	2.66%	0.246%
50	9.031	1002	1011	1015	rBV	1207584	2206670	33.90%	3.140%
51	9.072	1015	1018	1022	rVB	630760	965813	14.84%	1.374%
52	9.277	1044	1053	1061	rBV5	175743	493078	7.58%	0.702%
53	9.366	1061	1068	1072	rBV2	195684	424524	6.52%	0.604%
54	9.518	1087	1094	1095	rBV2	116847	181003	2.78%	0.258%
55	9.554	1095	1100	1106	rVV	644839	1173733	18.03%	1.670%
56	9.612	1107	1110	1121	rVB4	178507	381946	5.87%	0.543%
57	9.812	1137	1144	1149	rBV2	320656	586871	9.02%	0.835%
58	9.859	1149	1152	1156	rVV5	131663	205118	3.15%	0.292%
59	9.918	1157	1162	1167	rVV4	240833	508475	7.81%	0.724%
60	9.971	1167	1171	1175	rVV	468928	893265	13.72%	1.271%
61	10.006	1175	1177	1185	rVB3	302332	480947	7.39%	0.684%
62	10.082	1185	1190	1192	rBV2	155118	230304	3.54%	0.328%
63	10.124	1192	1197	1202	rVV2	710588	1422766	21.86%	2.025%
64	10.194	1206	1209	1217	rVB2	269302	494304	7.59%	0.703%
65	10.265	1217	1221	1224	rBV	157328	253918	3.90%	0.361%
66	10.312	1224	1229	1234	rVB2	264986	474822	7.30%	0.676%
67	10.429	1242	1249	1254	rBV	387457	648029	9.96%	0.922%
68	10.641	1274	1285	1288	rVV4	313772	772104	11.86%	1.099%
69	10.711	1288	1297	1302	rVV2	1057584	2575433	39.57%	3.665%
70	10.770	1302	1307	1314	rVV3	681469	1508961	23.18%	2.147%
71	10.840	1314	1319	1325	rVV	519367	1008346	15.49%	1.435%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.899	1325	1329	1333	rVV	299031	480929	7.39%	0.684%
73	10.946	1333	1337	1345	rVV2	262796	495268	7.61%	0.705%
74	11.028	1346	1351	1355	rVB4	87415	144795	2.22%	0.206%
75	11.140	1366	1370	1376	rVB4	117845	218089	3.35%	0.310%
76	11.340	1400	1404	1407	rBV2	107218	162524	2.50%	0.231%
77	11.387	1407	1412	1416	rVV	264762	444071	6.82%	0.632%
78	11.440	1416	1421	1428	rVB4	170508	337727	5.19%	0.481%
79	11.504	1428	1432	1438	rVB2	195011	344930	5.30%	0.491%
80	11.575	1438	1444	1449	rVB4	128836	233400	3.59%	0.332%
81	11.639	1449	1455	1463	rBV2	525738	1047391	16.09%	1.490%
82	11.763	1470	1476	1483	rBV3	242014	540361	8.30%	0.769%
83	11.833	1483	1488	1494	rVB	280853	492321	7.56%	0.701%
84	11.916	1498	1502	1504	rBV	109165	160421	2.46%	0.228%
85	12.109	1530	1535	1538	rBV	171286	301260	4.63%	0.429%
86	12.380	1569	1581	1589	rVB2	548445	1181120	18.15%	1.681%
87	12.597	1611	1618	1623	rBV2	373969	669341	10.28%	0.952%
88	12.685	1629	1633	1641	rVB2	87947	150412	2.31%	0.214%
89	13.179	1709	1717	1724	rBV	2697489	4254458	65.37%	6.054%
90	13.725	1802	1810	1818	rBV4	83409	231256	3.55%	0.329%
91	13.878	1830	1836	1841	rBV2	109769	208373	3.20%	0.297%
92	14.554	1942	1951	1958	rBV	702995	1138010	17.48%	1.619%
93	16.046	2197	2205	2216	rBV	2261525	3692961	56.74%	5.255%
94	17.298	2411	2418	2424	rBV	863007	1345549	20.67%	1.915%
95	19.918	2857	2864	2877	rBV	4632914	6508674	100.00%	9.262%
96	21.211	3079	3084	3093	rBV2	178576	316916	4.87%	0.451%
97	21.545	3133	3141	3162	rBV	842772	1460769	22.44%	2.079%
98	23.014	3385	3391	3402	rVB	83333	158764	2.44%	0.226%
99	23.790	3516	3523	3532	rVB2	79331	169806	2.61%	0.242%
100	24.648	3657	3669	3695	rBV2	409566	1599641	24.58%	2.276%

Sum of corrected areas: 70275441

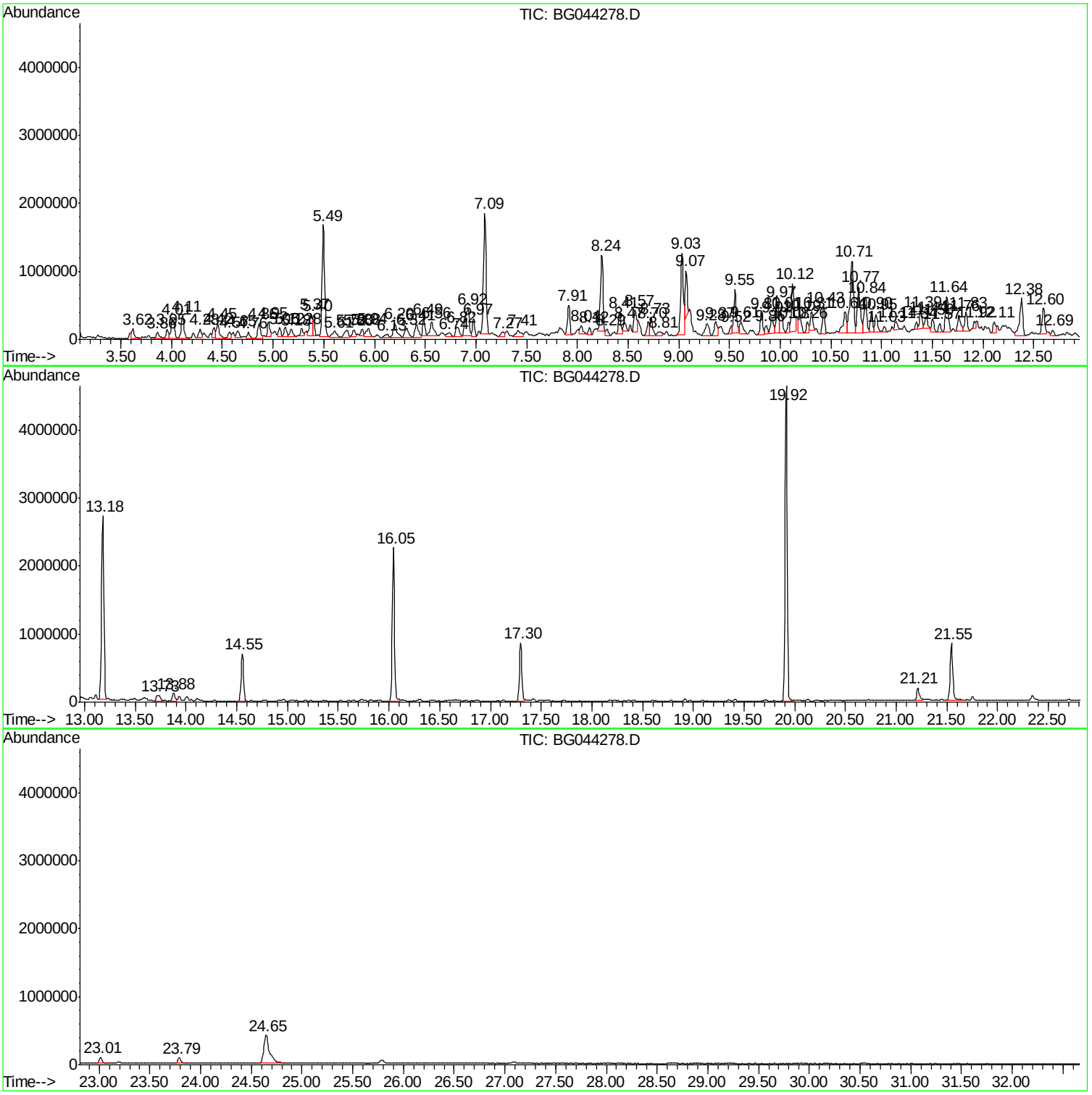
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

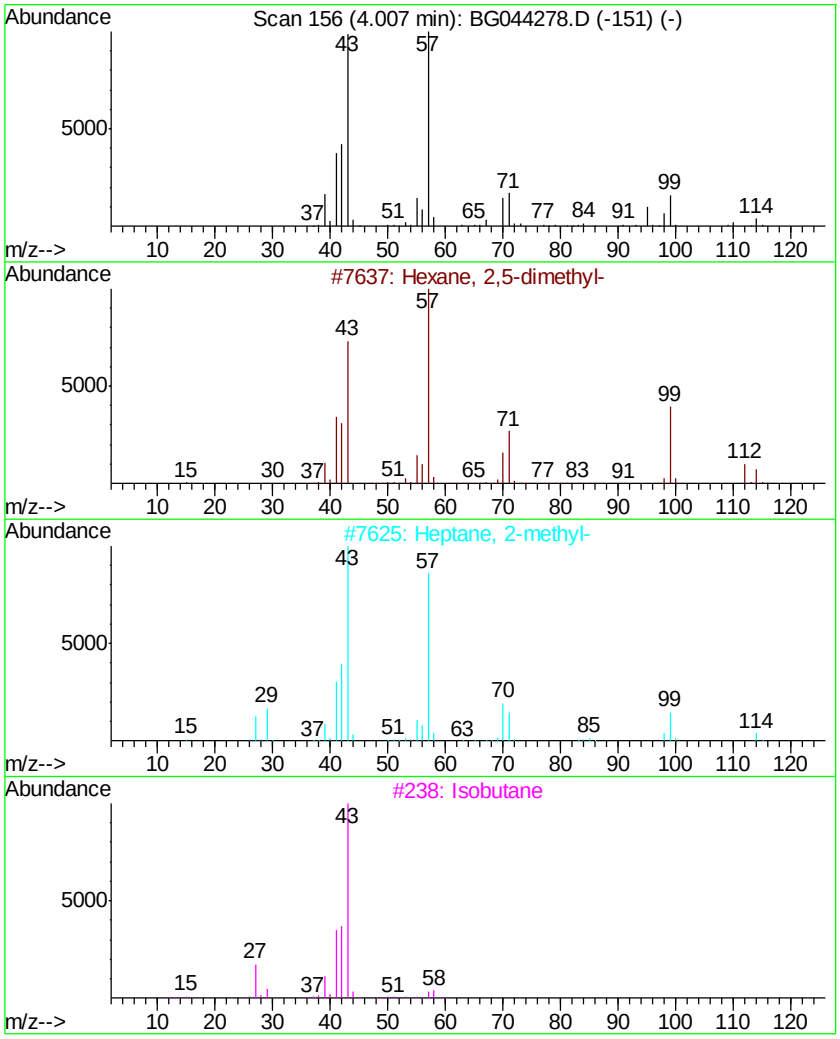
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

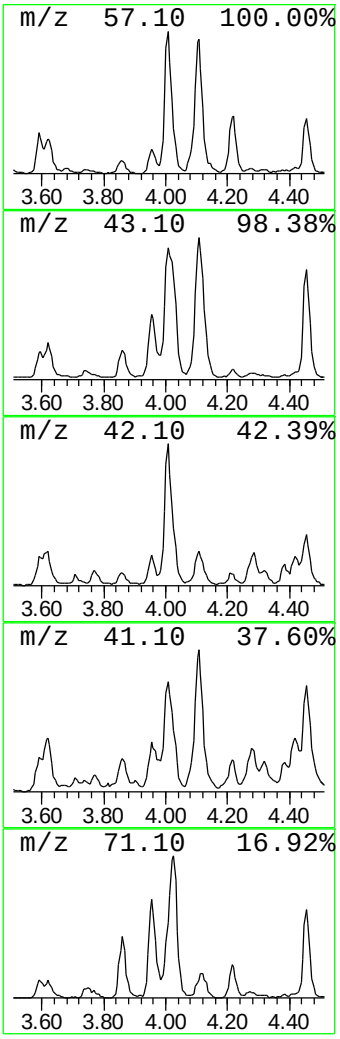
****

Peak Number 1 Hexane, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	16.96 ng	619058	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
3	Isobutane	58	C4H10	000075-28-5	38
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	37
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

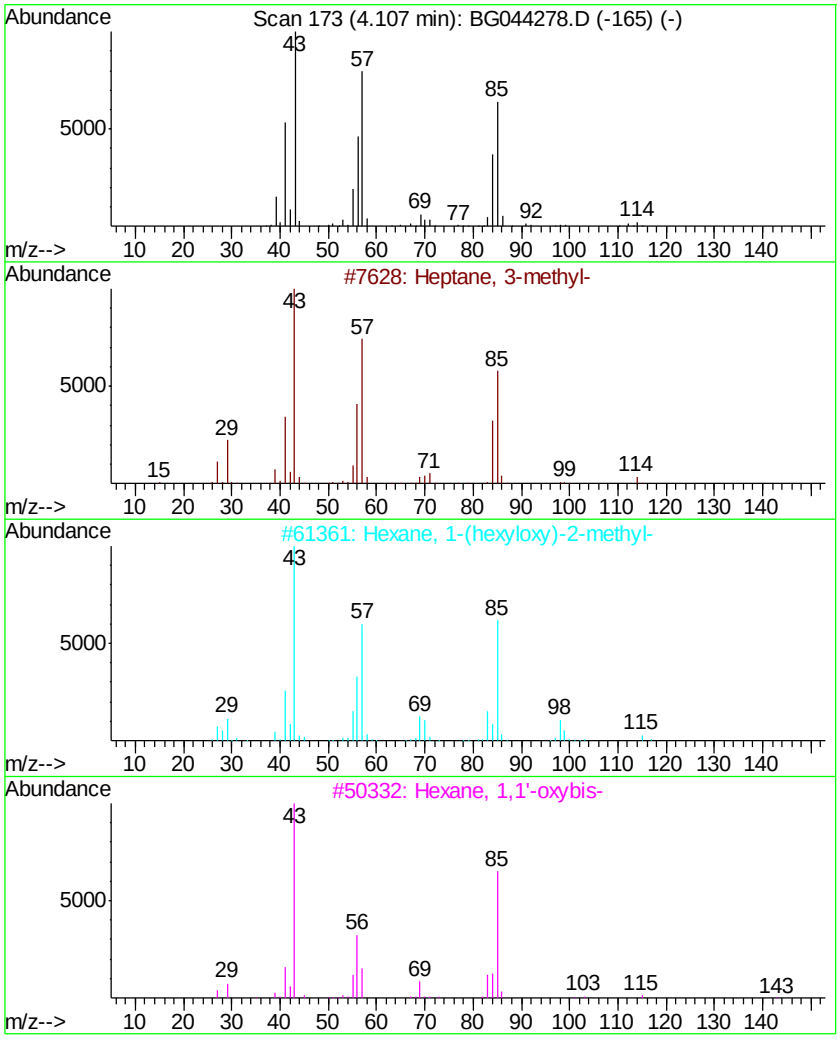
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

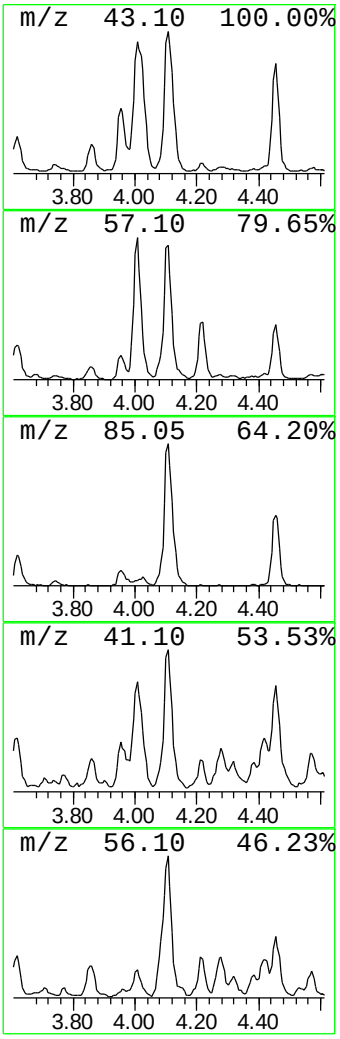
****

Peak Number 2 Heptane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	18.14 ng	662199	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

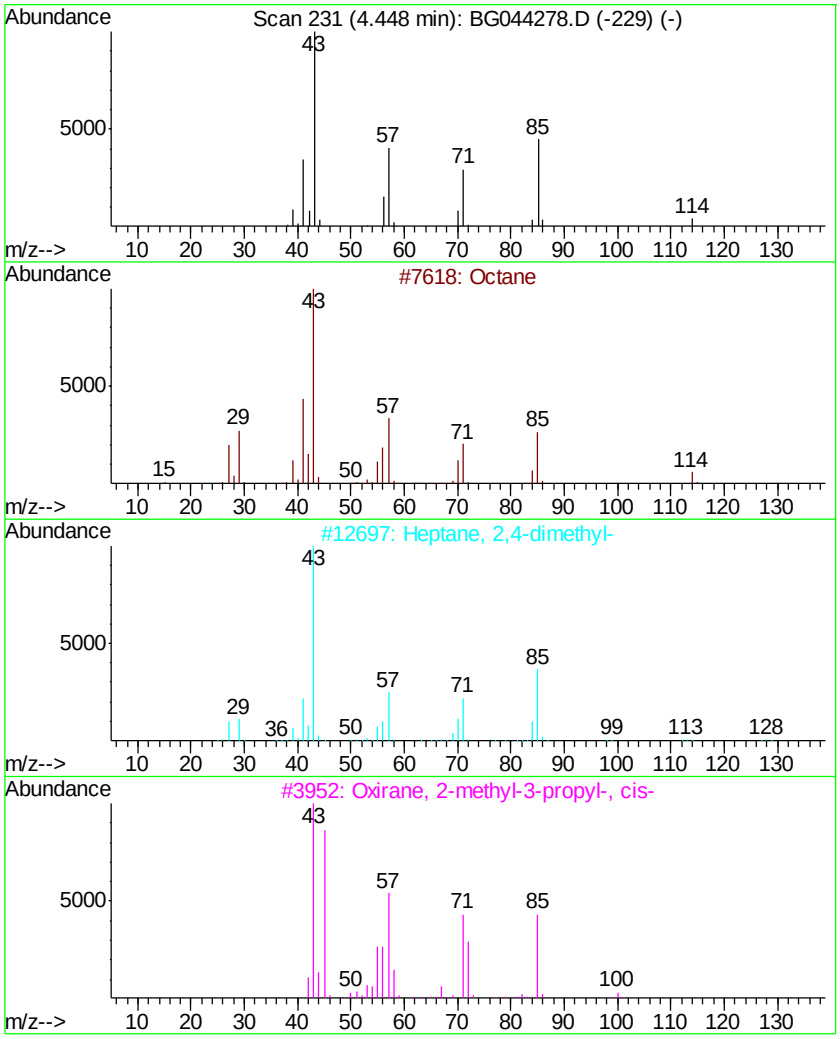
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

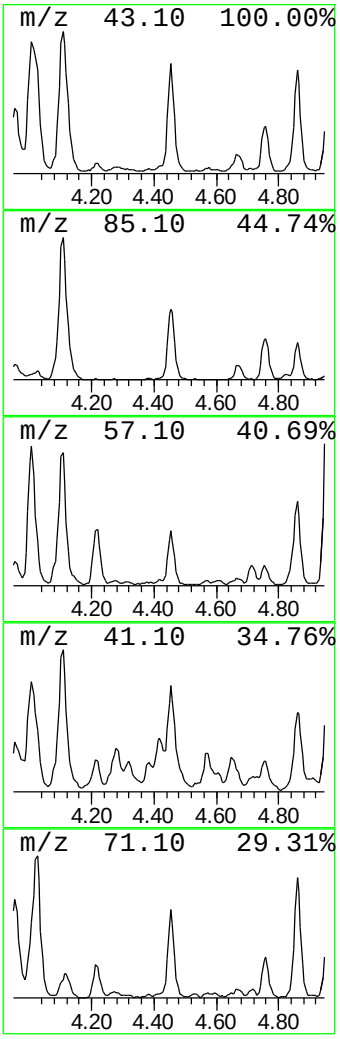
****

Peak Number 3 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	10.66 ng	389181	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

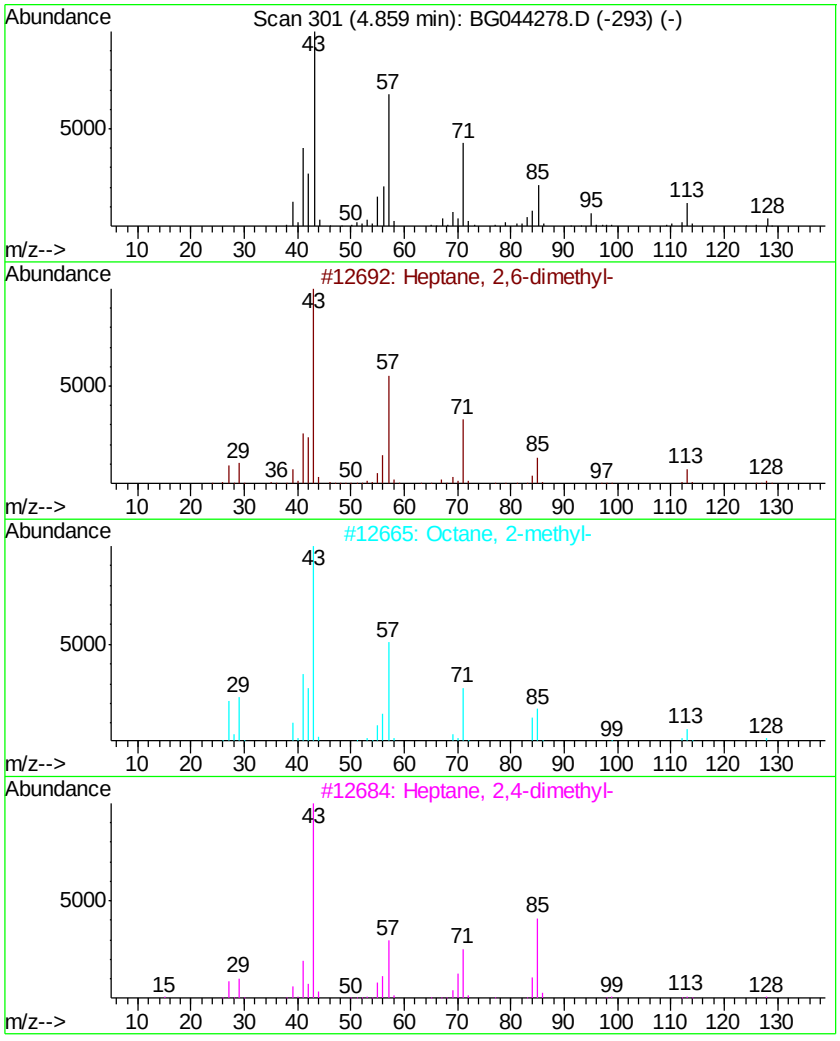
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

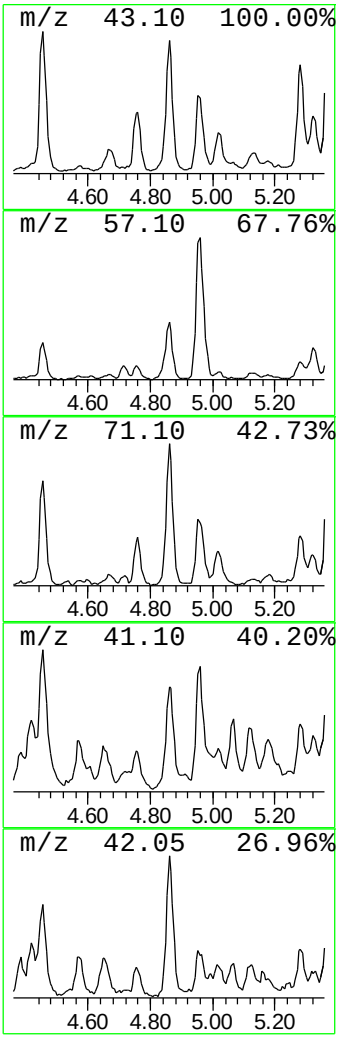
****

Peak Number 4 Heptane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	11.87 ng	433153	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	76
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

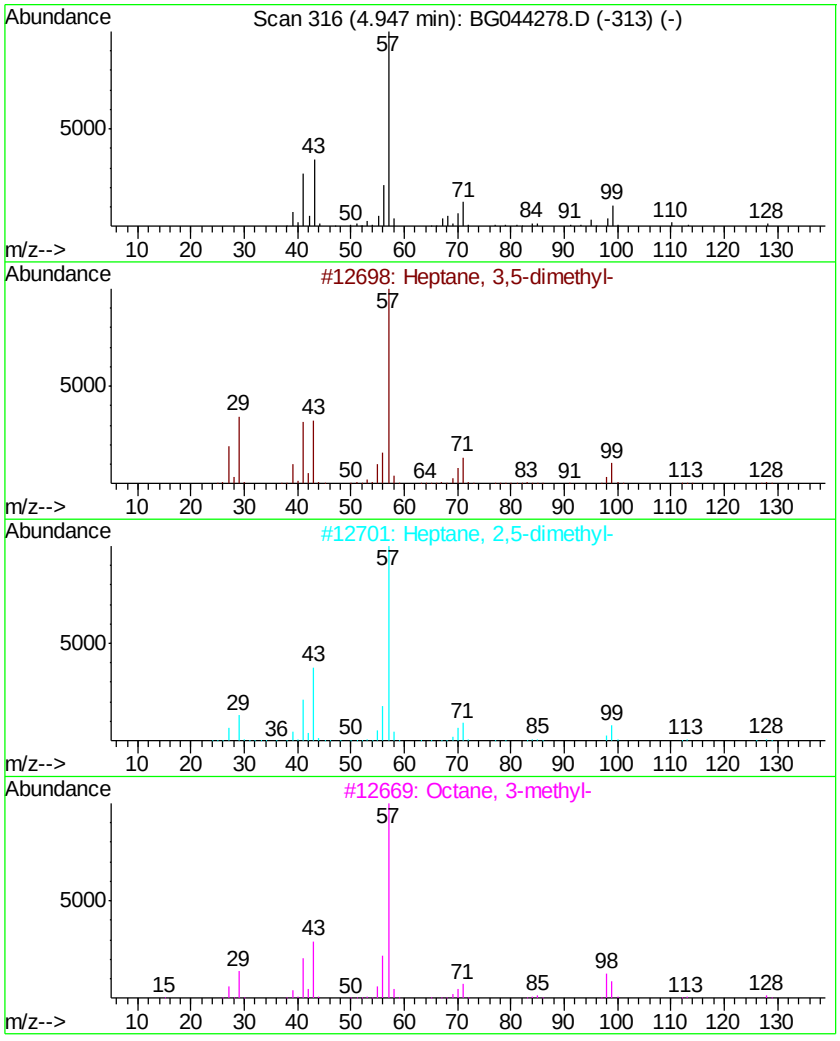
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

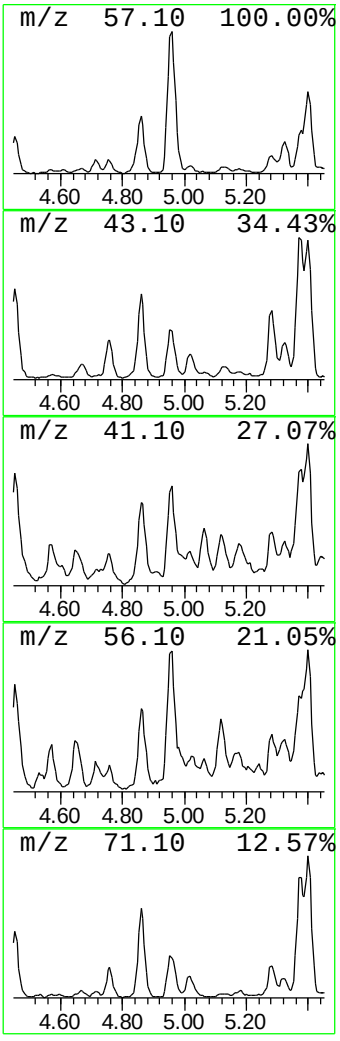
****

Peak Number 5 Heptane, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	10.32 ng	376645	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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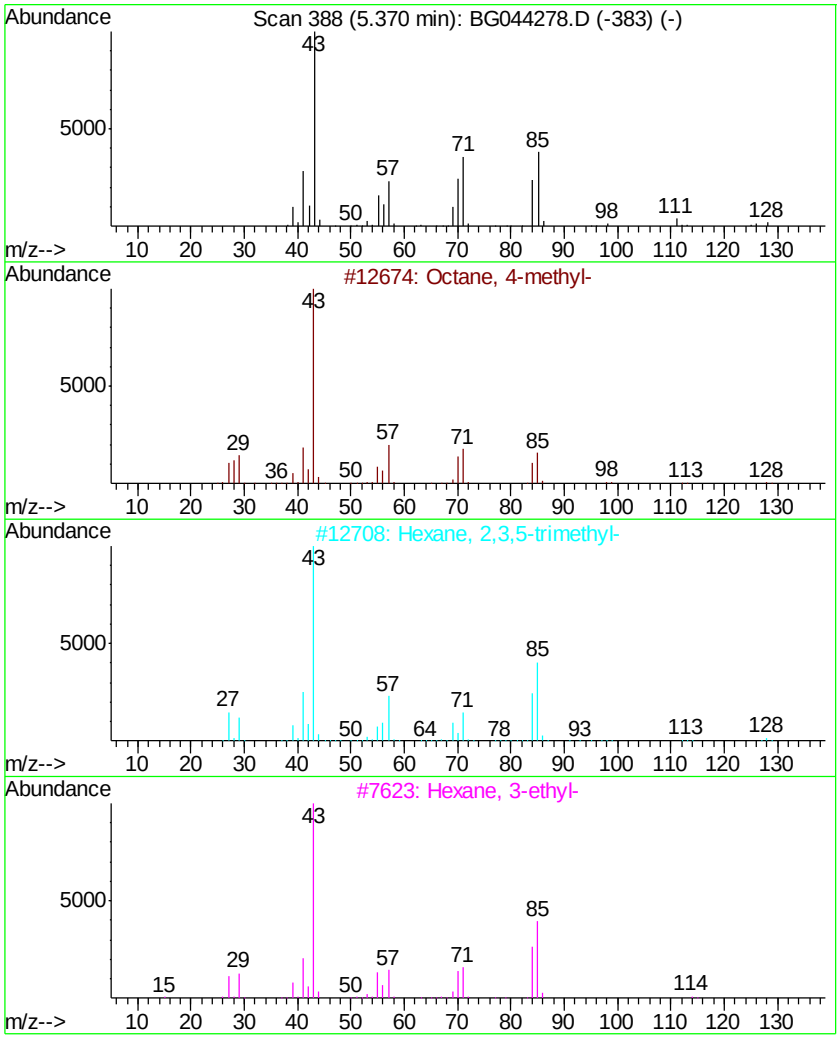
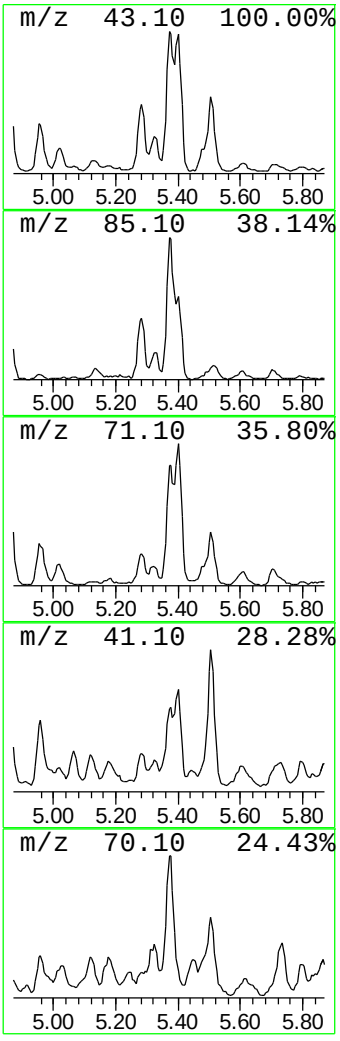
Peak Number 6 Octane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	16.21 ng	591721	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	81
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





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Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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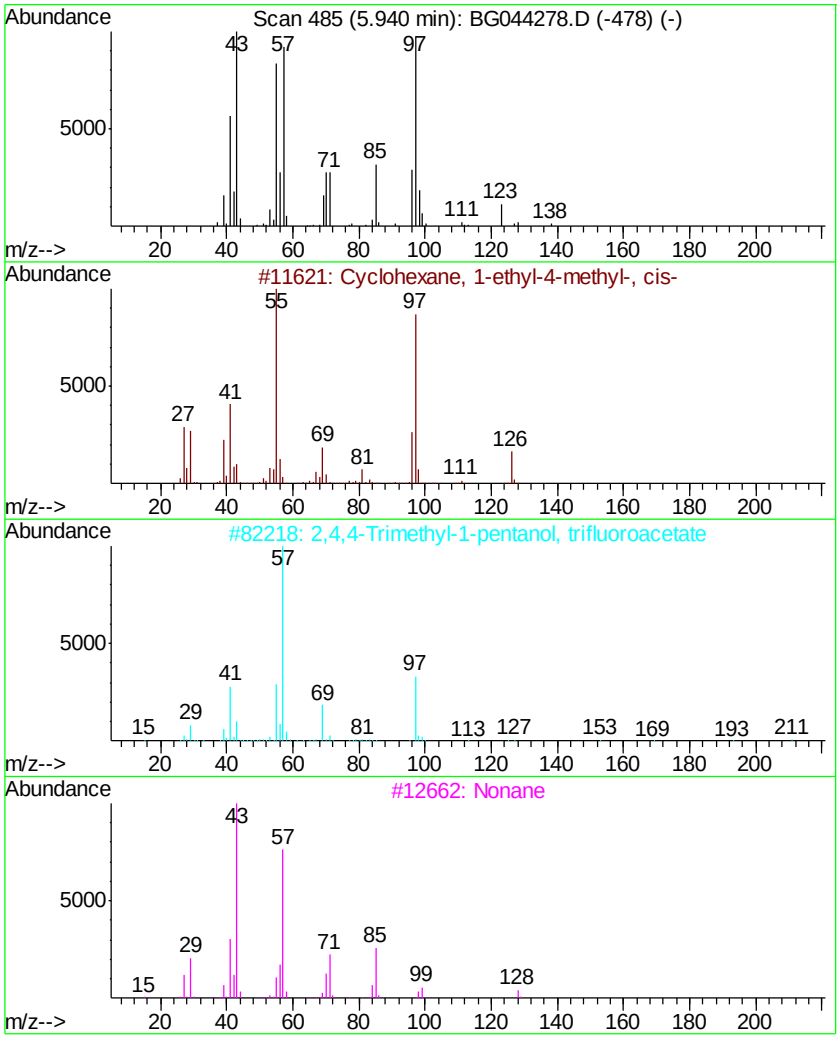
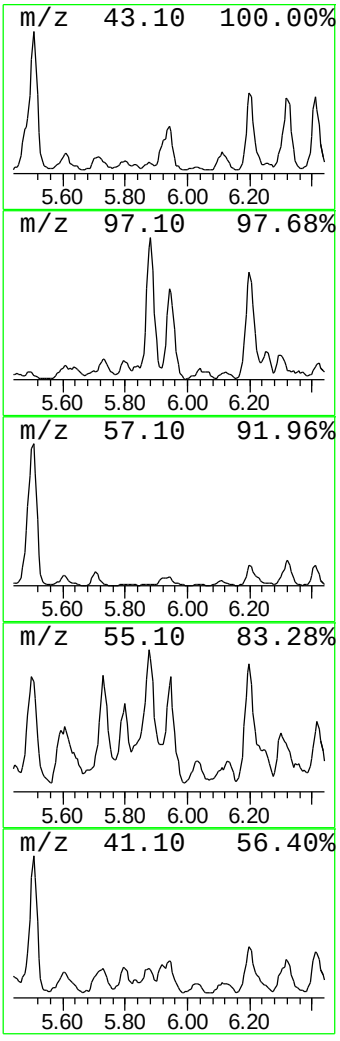
Peak Number 7 unknown5.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	9.22 ng	336400	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3	Nonane	128	C9H20	000111-84-2	25
4	3-Thiopheneethanol	128	C6H8OS	013781-67-4	22
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	22





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Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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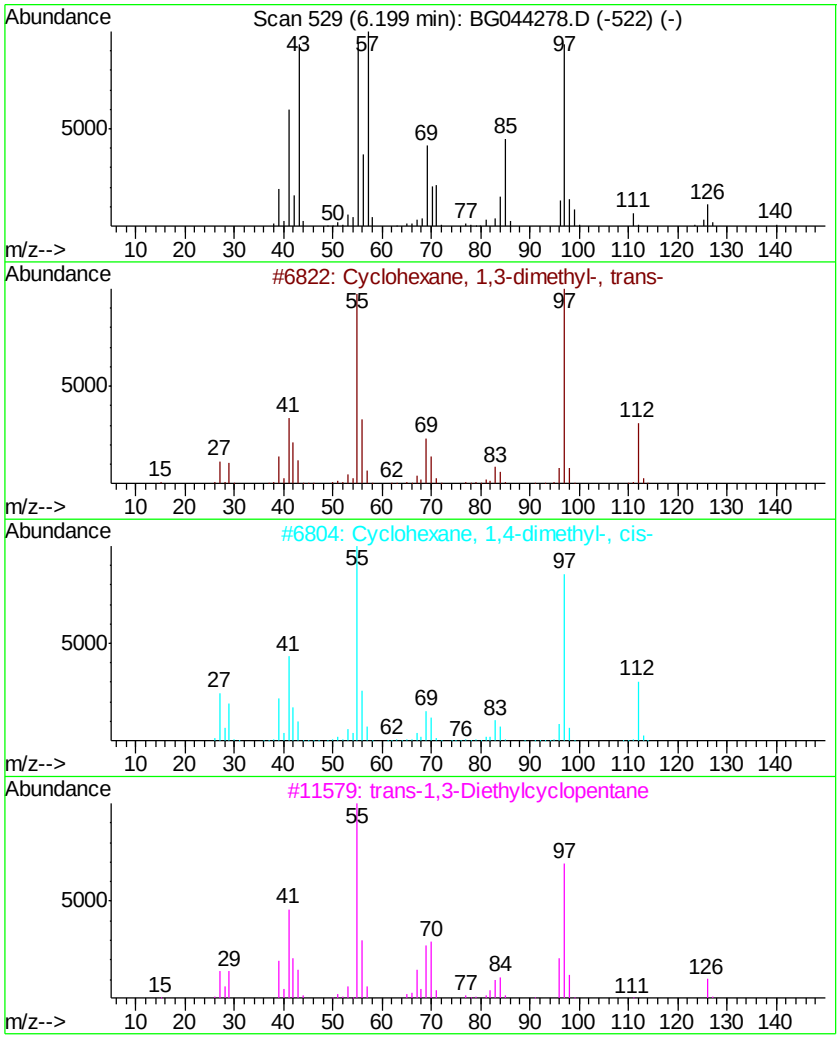
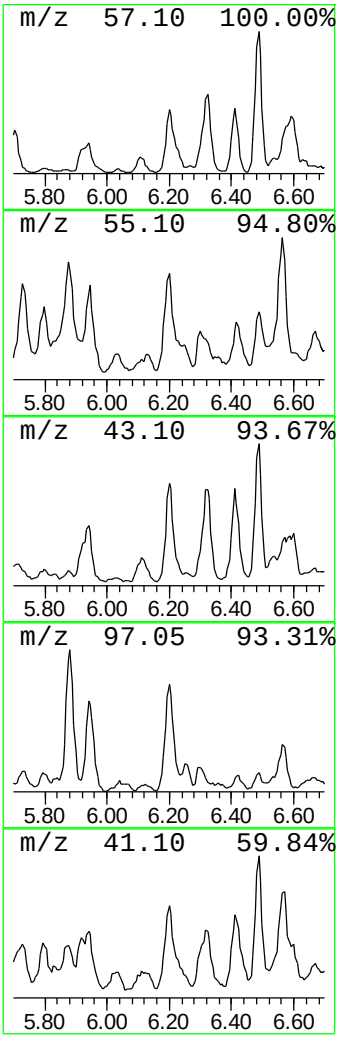
Peak Number 8 unknown6.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	13.39 ng	488942	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
3	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	38





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Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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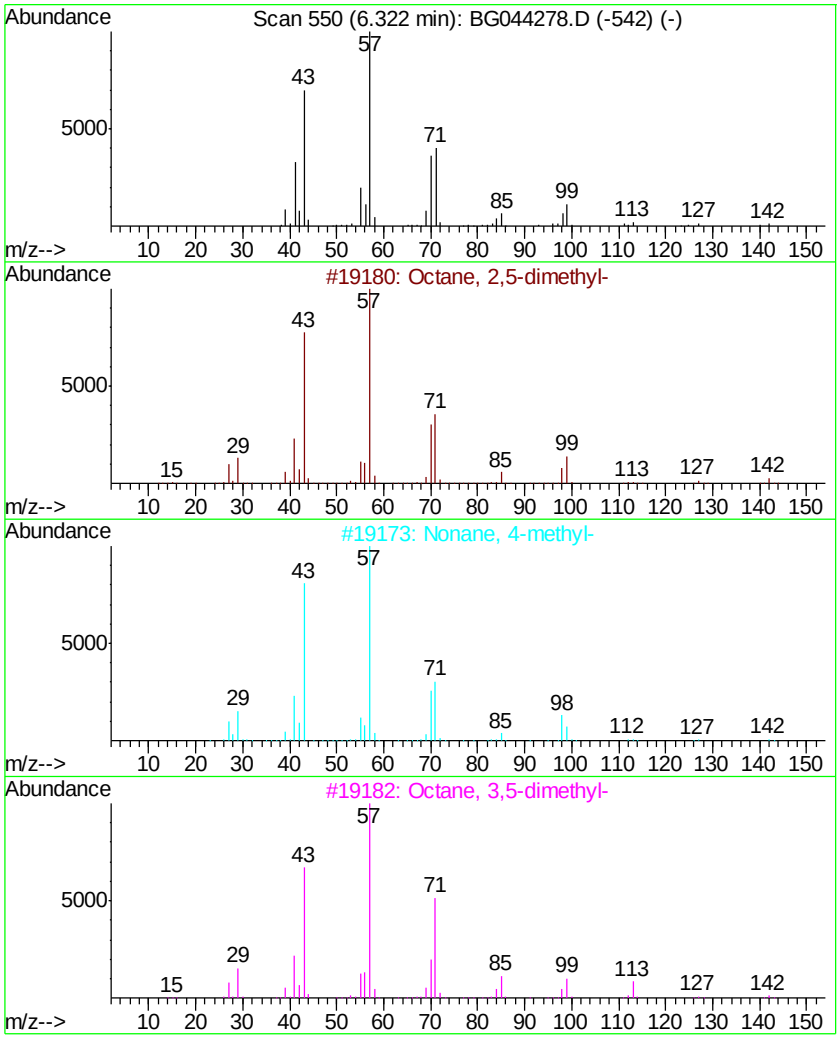
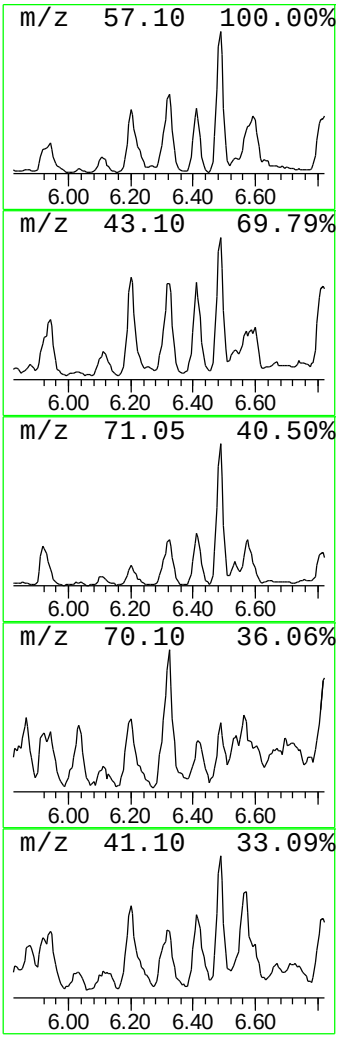
Peak Number 9 Octane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	9.88 ng	360539	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50





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Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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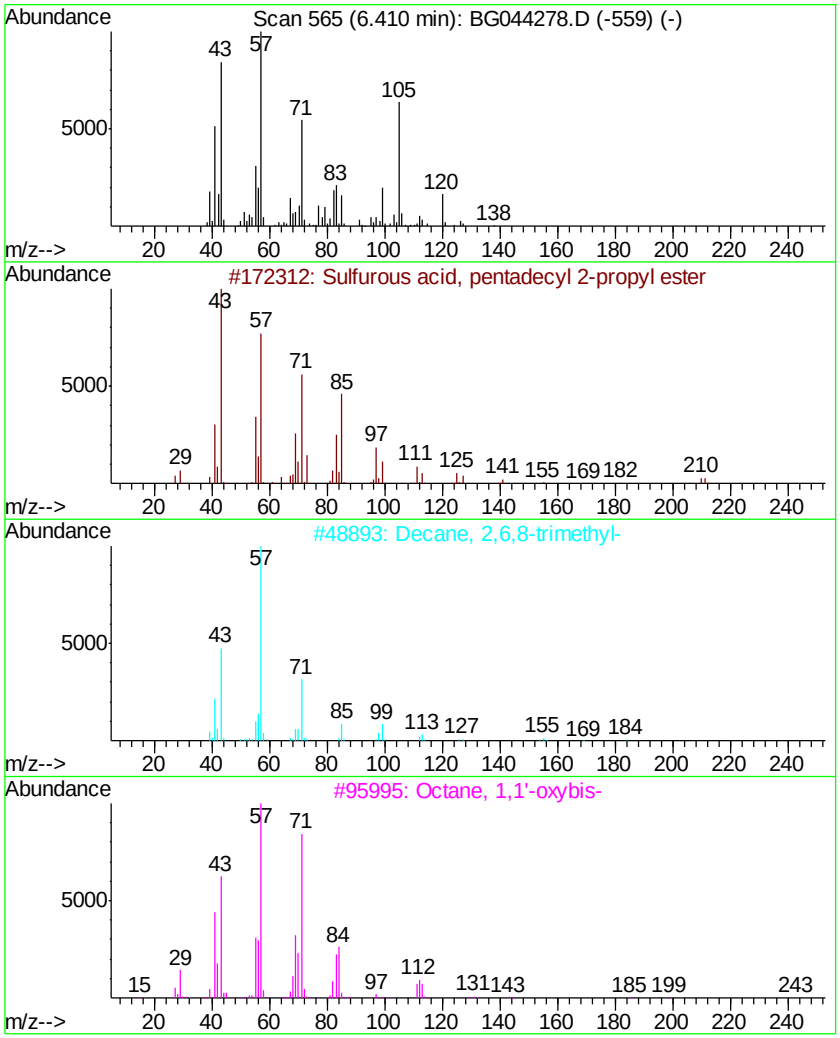
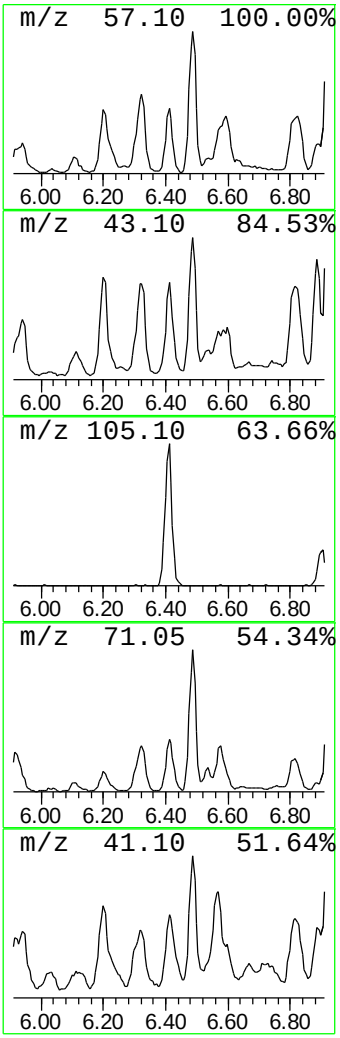
Peak Number 10 Sulfurous acid, pentadecyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	11.95 ng	436054	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	53
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
5	Hexadecane	226	C16H34	000544-76-3	43





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Acq On : 3 Feb 2020 18:41
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Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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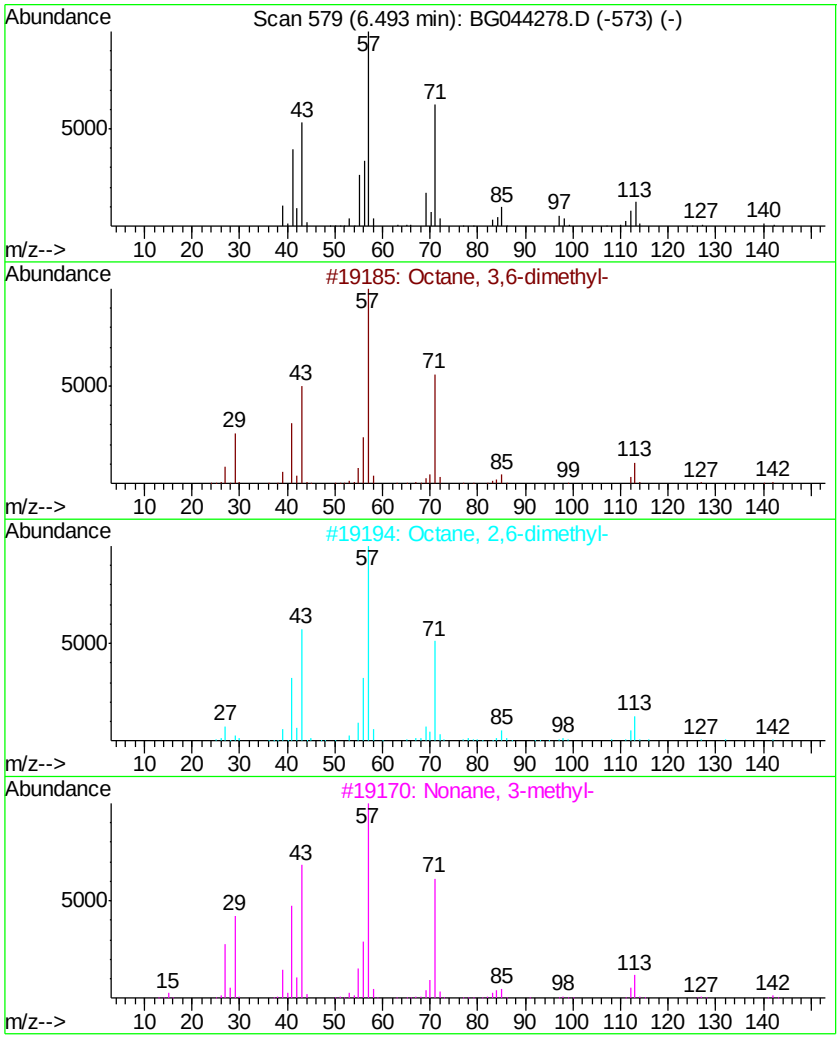
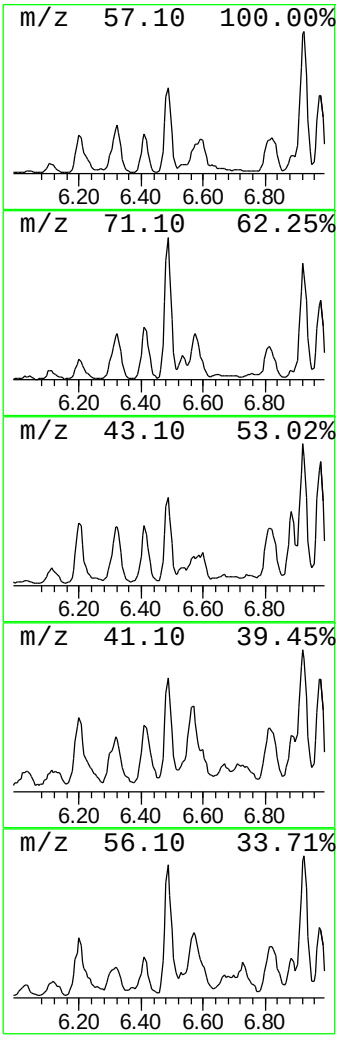
Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	10.48 ng	382467	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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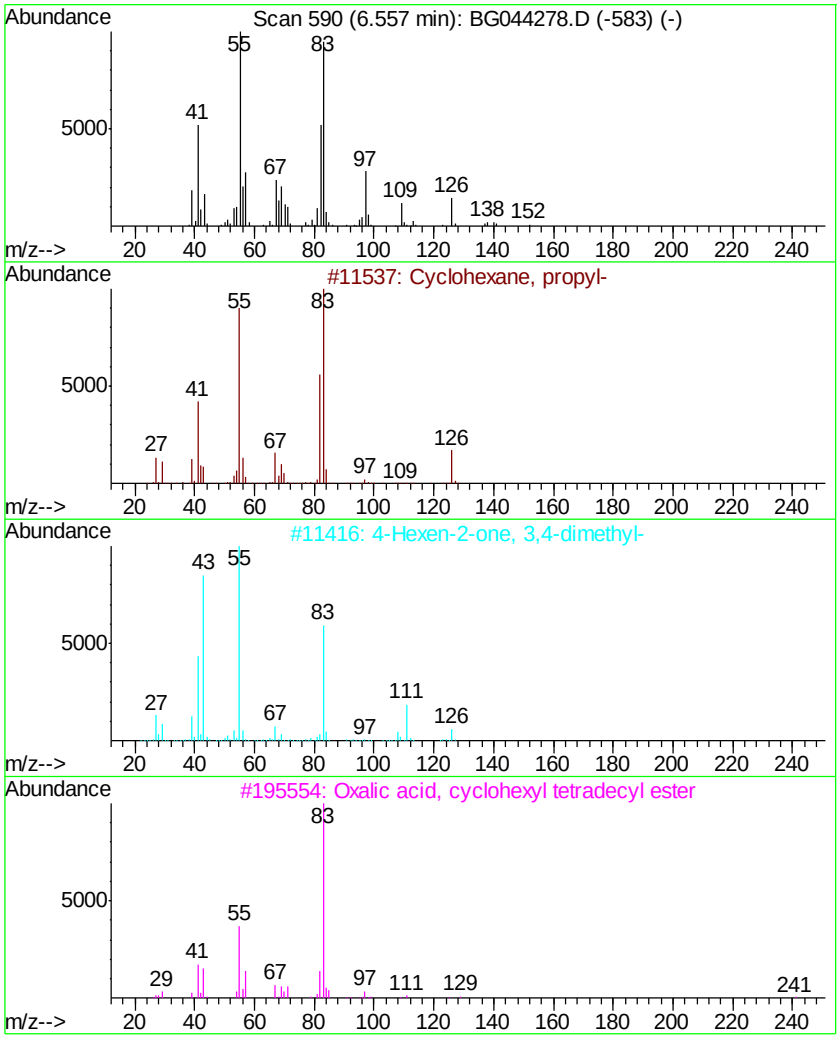
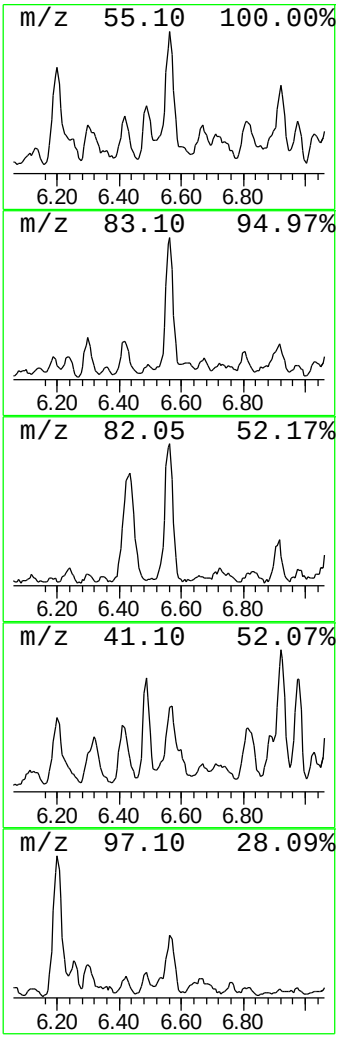
Peak Number 12 Cyclohexane, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.94 ng	508693	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	43
3	Oxalic acid, cyclohexyl tetradec...	368	C22H40O4	1000309-31-5	43
4	Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	35
5	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	35





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Misc :
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Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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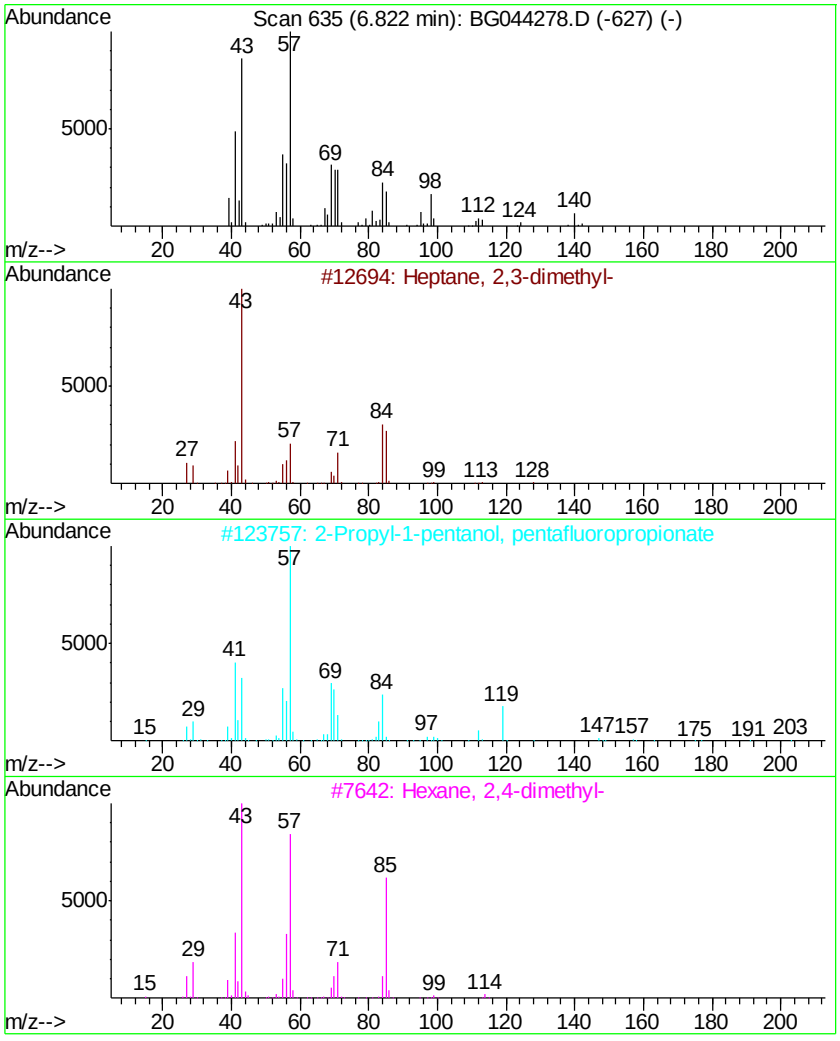
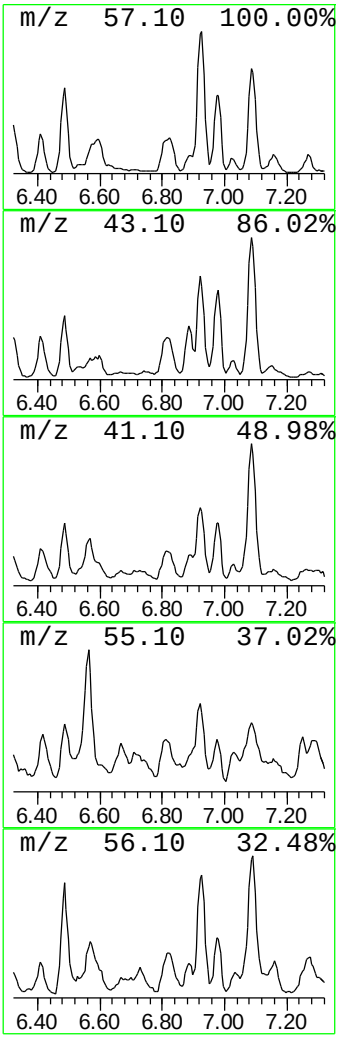
Peak Number 13 Heptane, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	10.03 ng	366034	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
2	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	47
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
5	Octane, 2-methyl-	128	C9H20	003221-61-2	38





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Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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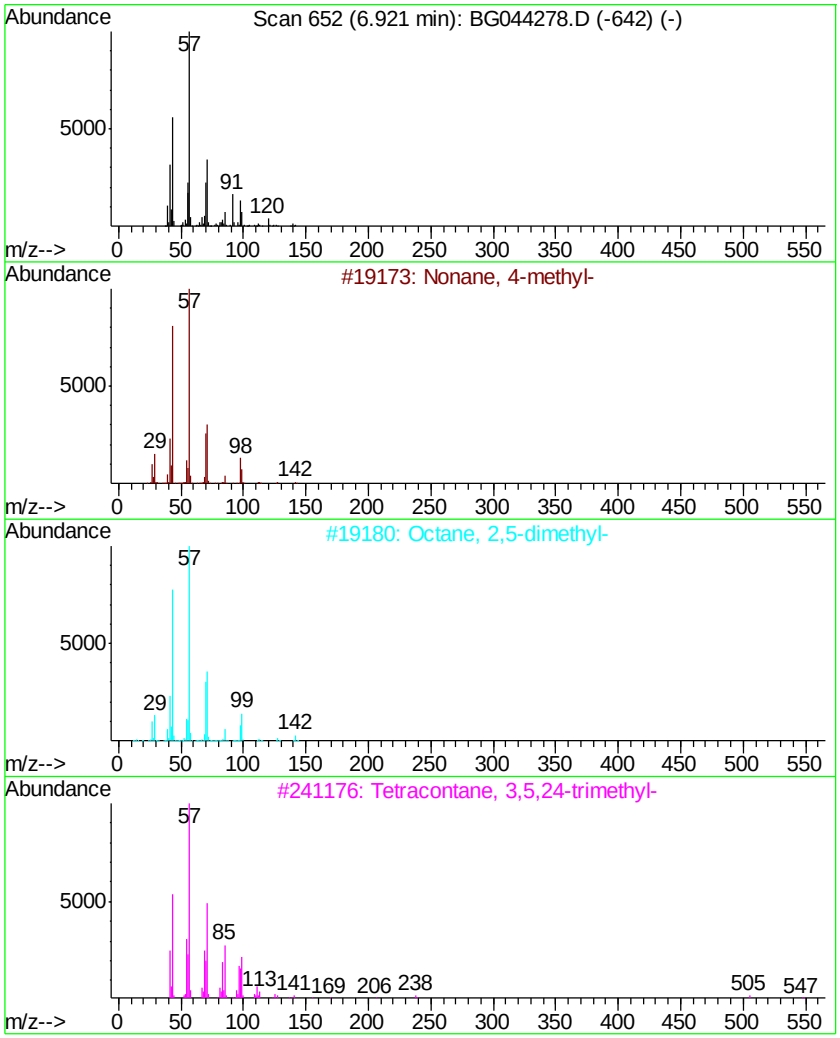
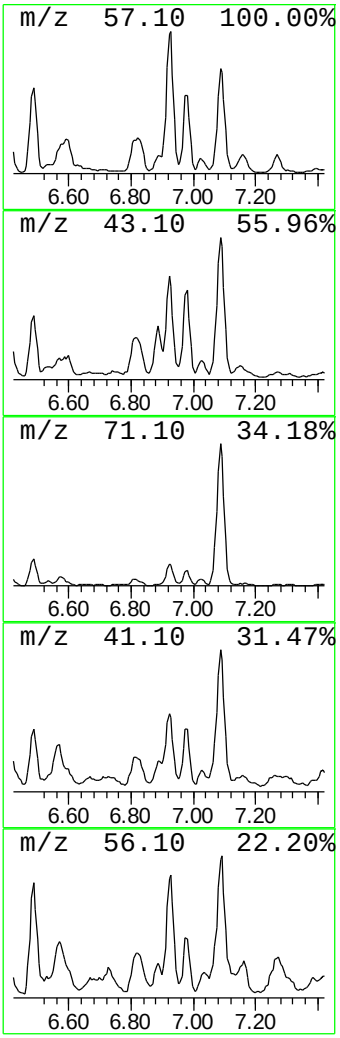
Peak Number 14 Nonane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	31.18 ng	1138250	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47





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Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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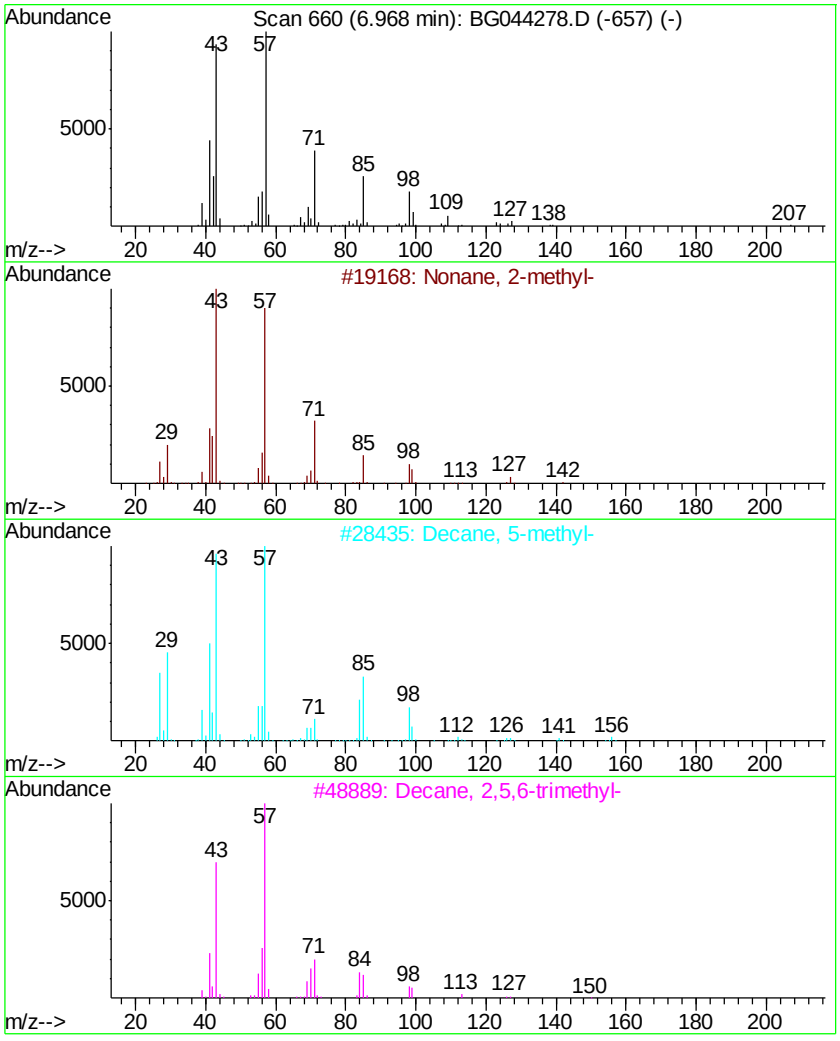
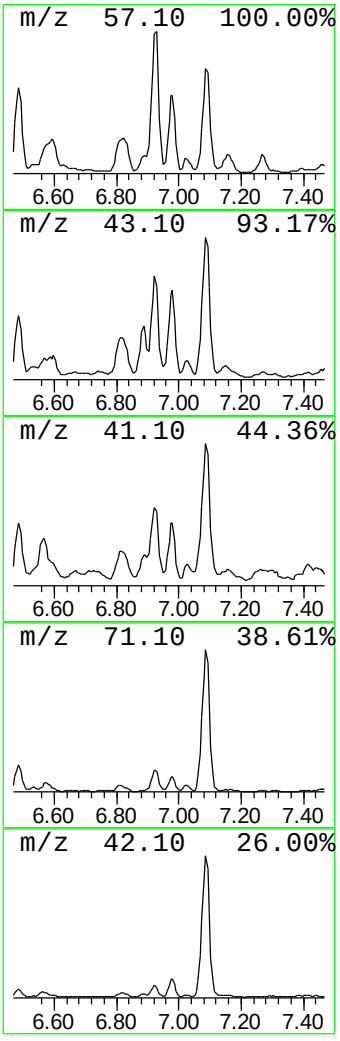
Peak Number 15 Nonane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	10.68 ng	389820	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	93
2	Decane, 5-methyl-	156	C11H24	013151-35-4	64
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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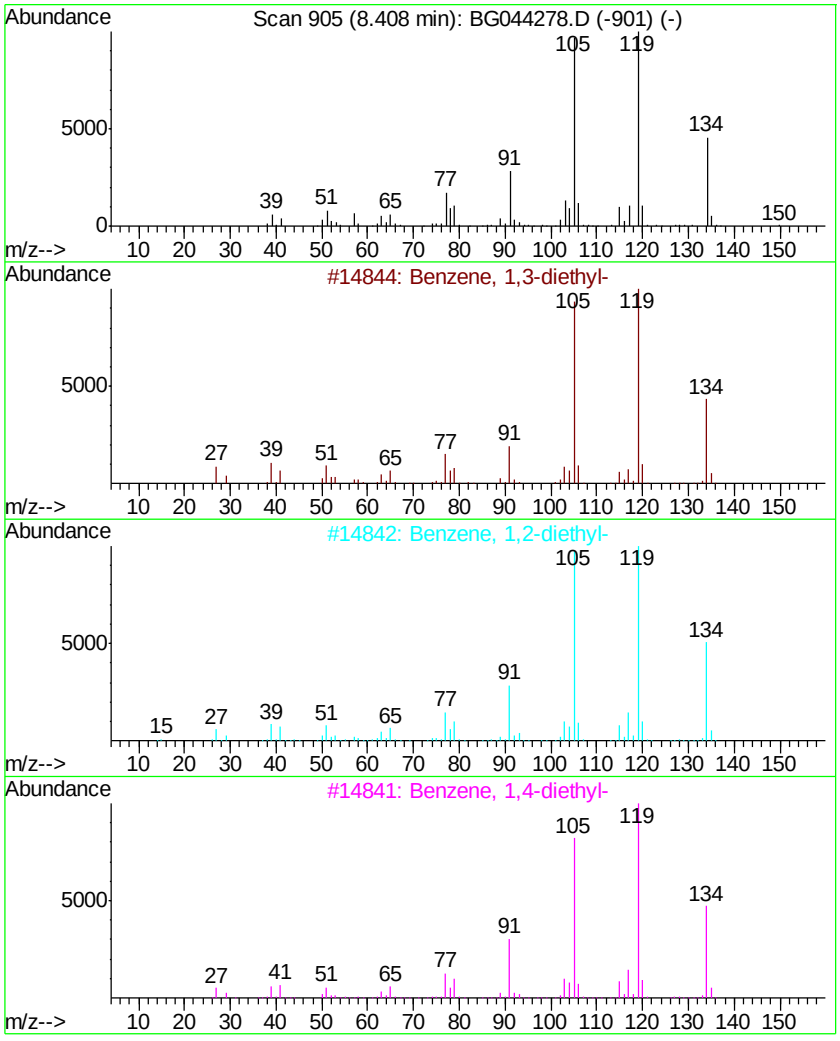
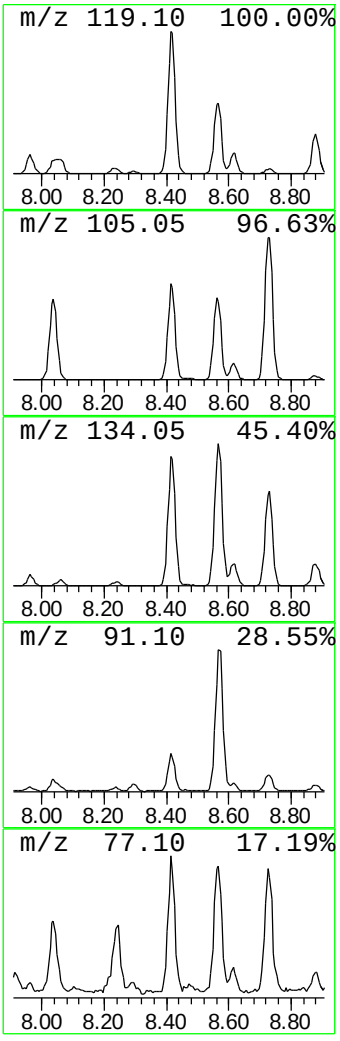
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	15.13 ng	552234	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





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Operator : CG/JU
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ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

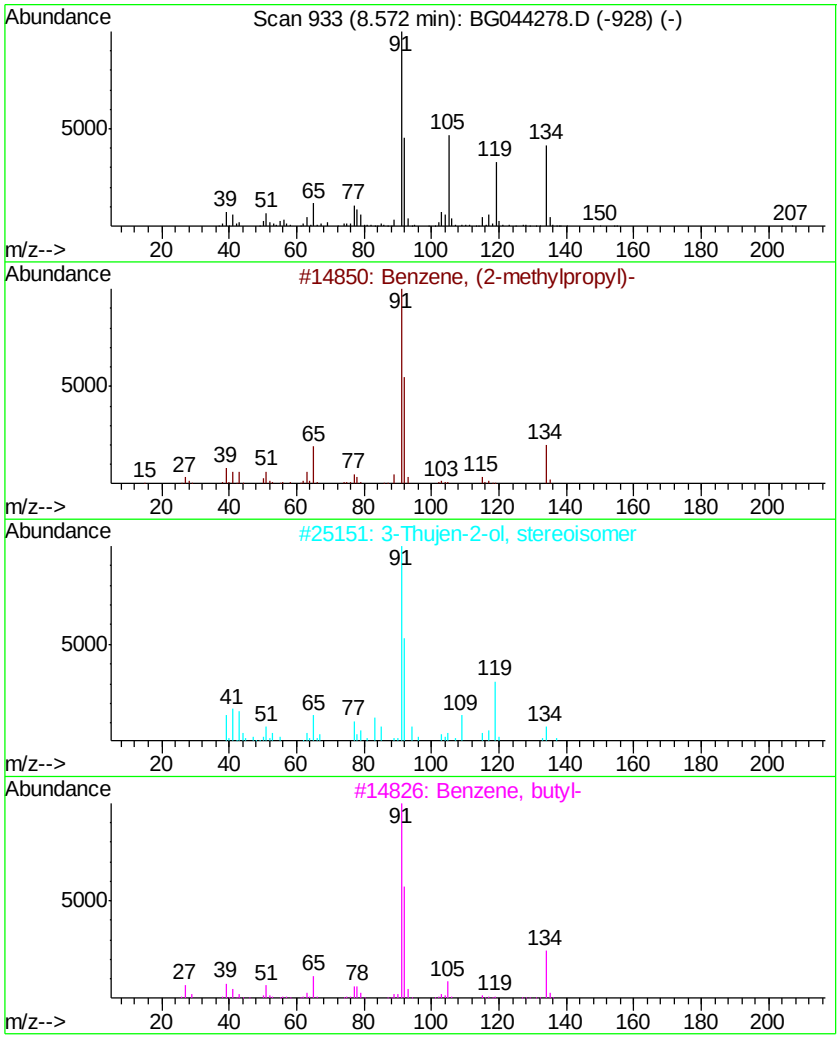
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

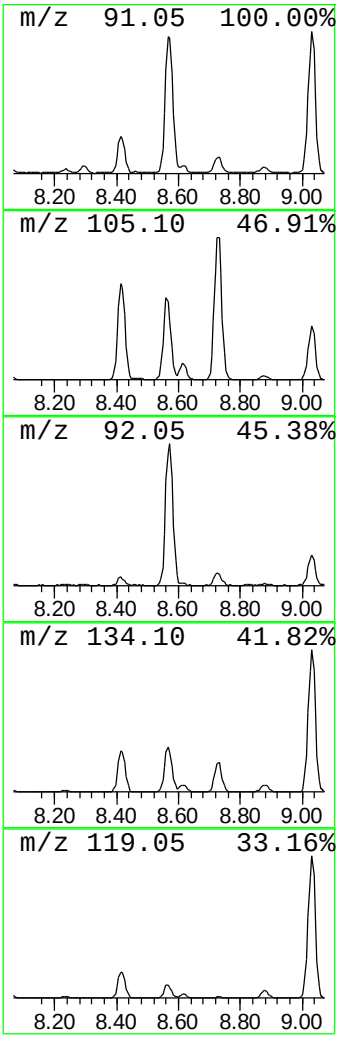
****

Peak Number 18 Benzene, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	16.26 ng	593424	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	53
2	3-Thujen-2-ol, stereoisomer	152	C10H16O	003310-03-0	50
3	Benzene, butyl-	134	C10H14	000104-51-8	50
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
5	Benzene, (2-methoxyethenyl)-, (Z)-	134	C9H10O	014371-19-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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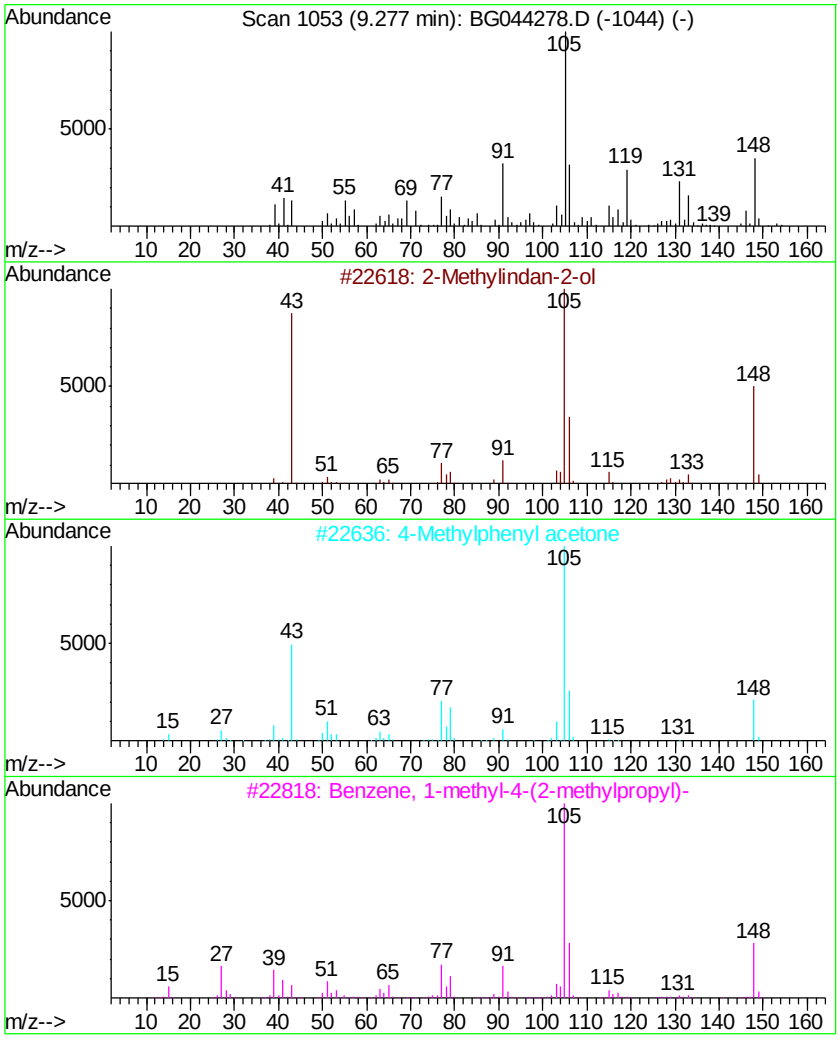
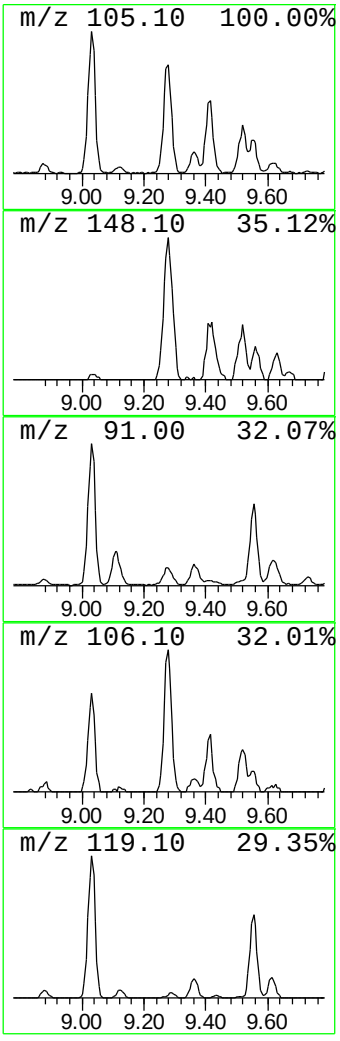
Peak Number 19 2-Methylindan-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	13.51 ng	493078	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	58
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	55
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	47
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	46
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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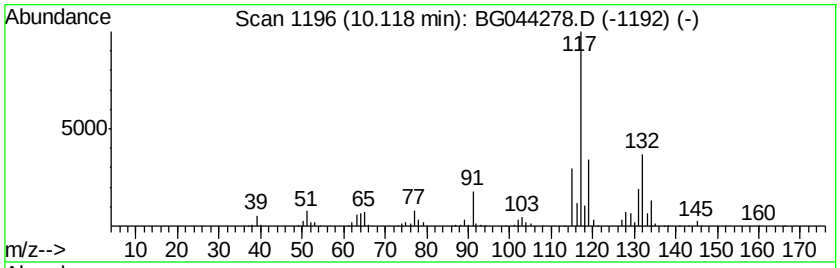
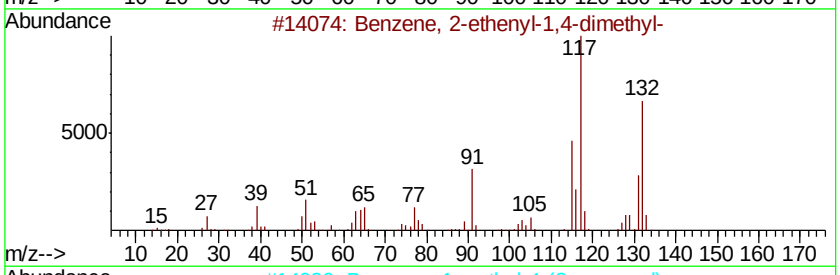
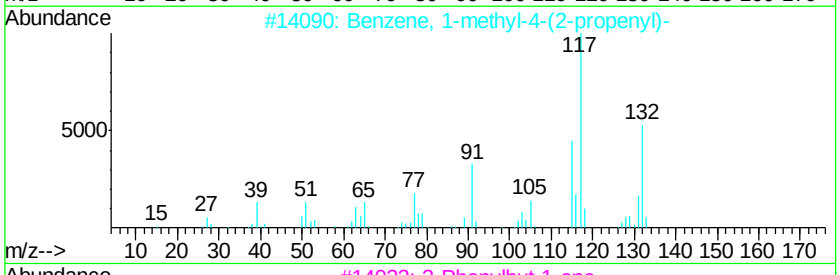
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

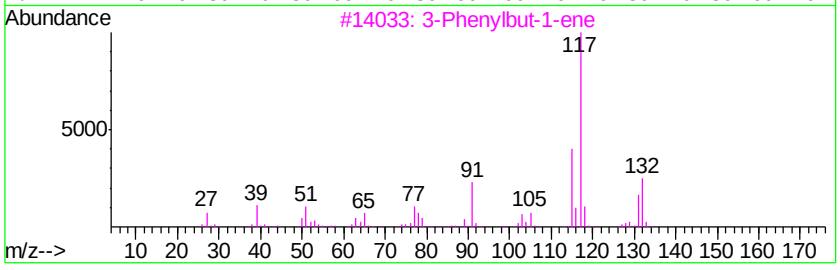
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	11.05 ng	1422770	Naphthalene-d8	10.72

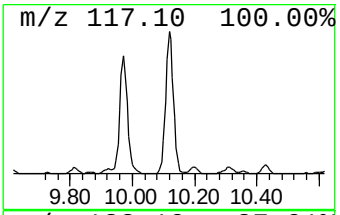
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70

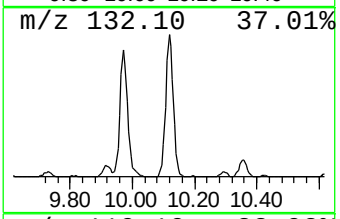


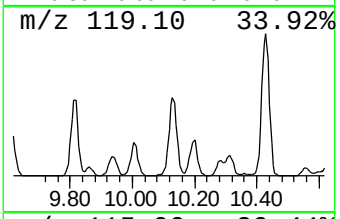


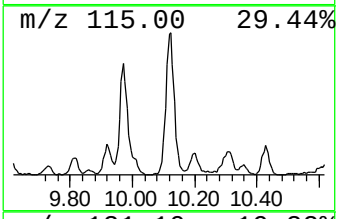


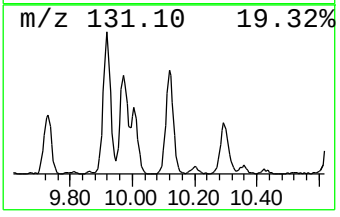












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-3-(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 2,5-dimet...	4.01	17.0	ng	619058	1	7.91	730045	20.0
Heptane, 3-methyl-	4.11	18.1	ng	662199	1	7.91	730045	20.0
Octane	4.45	10.7	ng	389181	1	7.91	730045	20.0
Heptane, 2,6-dime...	4.86	11.9	ng	433153	1	7.91	730045	20.0
Heptane, 3,5-dime...	4.95	10.3	ng	376645	1	7.91	730045	20.0
Octane, 4-methyl-	5.37	16.2	ng	591721	1	7.91	730045	20.0
unknown5.94	5.94	9.2	ng	336400	1	7.91	730045	20.0
unknown6.20	6.20	13.4	ng	488942	1	7.91	730045	20.0
Octane, 2,5-dimet...	6.32	9.9	ng	360539	1	7.91	730045	20.0
Sulfurous acid, p...	6.41	11.9	ng	436054	1	7.91	730045	20.0
Octane, 3,6-dimet...	6.49	10.5	ng	382467	1	7.91	730045	20.0
Cyclohexane, propyl-	6.56	13.9	ng	508693	1	7.91	730045	20.0
Heptane, 2,3-dime...	6.82	10.0	ng	366034	1	7.91	730045	20.0
Nonane, 4-methyl-	6.92	31.2	ng	1138250	1	7.91	730045	20.0
Nonane, 2-methyl-	6.97	10.7	ng	389820	1	7.91	730045	20.0
Benzene, 1,3-diet...	8.41	15.1	ng	552234	1	7.91	730045	20.0
Benzene, (2-methy...	8.57	16.3	ng	593424	1	7.91	730045	20.0
2-Methylindan-2-ol	9.28	13.5	ng	493078	1	7.91	730045	20.0
Benzene, 2-etheny...	10.12	11.1	ng	1422770	2	10.72	2575430	20.0