LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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-BG102119.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	3.173	9	14	23	rVB	84556	152795	8.45%	0.682%
2	3.696	94	103	110	rBV5	25146	69530	3.84%	0.310%
3	4.089	164	170	178	rVV2	105246	233833	12.92%	1.043%
4	4.183	178	186	197	rVB2	105242	204103	11.28%	0.910%
5	4.366	210	217	221	rBV2	78376	149686	8.27%	0.668%
6	4.530	235	245	254	rVB	189556	353407	19.53%	1.576%
7	4.654	261	266	274	rVB3	40484	75414	4.17%	0.336%
8	4.736	274	280	285	rBV5	34371	68732	3.80%	0.307%
9	4.830	292	296	304	rVB	52933	93704	5.18%	0.418%
10	4.936	304	314	320	rBV	117974	206707	11.43%	0.922%
11	5.030	325	330	336	rVV	124568	216392	11.96%	0.965%
12	5.106	336	343	346	rVV4	108690	223050	12.33%	0.995%
13	5.141	346	349	354	rVV	77954	124095	6.86%	0.554%
14	5.200	354	359	364	rVV2	106159	181385	10.03%	0.809%
15	5.259	364	369	376	rVB4	30350	55906	3.09%	0.249%
16	5.359	381	386	389	rVV	65739	106494	5.89%	0.475%
17	5.400	389	393	396	rVV	61331	103210	5.70%	0.460%
18	5.447	396	401	403	rVV2	274707	469757	25.97%	2.095%
19	5.470	403	405	411	rVB	246726	342602	18.94%	1.528%
20	5.599	414	427	437	rBV2	391633	1112988	61.52%	4.964%
21	5.688	437	442	452	rVB6	19843	52580	2.91%	0.235%
22	5.805	452	462	468	rVB4	38555	83114	4.59%	0.371%
23	5.876	468	474	482	rBV5	54987	129382	7.15%	0.577%
24	5.958	482	488	492	rVV	112152	180319	9.97%	0.804%
25	6.017	492	498	506	rVB2	217858	384692	21.26%	1.716%
26	6.099	506	512	520	rBV4	26899	50318	2.78%	0.224%
27	6.175	520	525	533	rVB2	33762	65723	3.63%	0.293%
28	6.275	533	542	549	rBV4	144910	343228	18.97%	1.531%
29	6.393	555	562	568	rVB4	85202	183733	10.16%	0.820%
30	6.481	572	577	585	rBV5	86019	195022	10.78%	0.870%
31	6.557	585	590	595	rVV	153759	209624	11.59%	0.935%
32	6.639	599	604	617	rVB3	145147	364466	20.15%	1.626%
33	6.751	618	623	629	rVB3	33557	59489	3.29%	0.265%
34	6.822	629	635	640	rVB4	38029	66566	3.68%	0.297%

LSC Area Percent Report

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Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.892	640	647	653	rBV4	99793	250262	13.83%	1.116%
36	6.957	653	658	660	rBV	69431	104570	5.78%	0.466%
37	6.992	660	664	669	rVB	186093	275355	15.22%	1.228%
38	7.045	669	673	678	rVB	144102	210620	11.64%	0.939%
39	7.098	678	682	686	rBV2	49523	70262	3.88%	0.313%
40	7.156	686	692	696	rBV2	203441	363669	20.10%	1.622%
41	7.203	696	700	716	rVB2	382245	779680	43.10%	3.478%
42	7.327	716	721	726	rBV5	23966	47073	2.60%	0.210%
43	7.386	726	731	736	rBV4	34921	51978	2.87%	0.232%
44	7.485	745	748	753	rVV3	72900	125692	6.95%	0.561%
45	7.550	753	759	766	rVV	442902	809524	44.75%	3.611%
46	7.621	766	771	779	rVB	166298	262144	14.49%	1.169%
47	7.721	785	788	793	rVB4	25963	43791	2.42%	0.195%
48	7.914	814	821	827	rBV6	30332	75711	4.18%	0.338%
49	7.979	827	832	835	rBV2	119644	215039	11.89%	0.959%
50	8.073	842	848	853	rVB4	42133	95297	5.27%	0.425%
51	8.138	853	859	864	rBV6	25534	67315	3.72%	0.300%
52	8.191	864	868	872	rVV4	56103	88024	4.87%	0.393%
53	8.290	876	885	887	rVV4	93149	201319	11.13%	0.898%
54	8.326	887	891	904	rVB	320228	632957	34.99%	2.823%
55	8.431	904	909	916	rBV7	25025	50170	2.77%	0.224%
56	8.496	916	920	922	rBV4	29400	44452	2.46%	0.198%
57	8.531	922	926	933	rVV2	56792	132637	7.33%	0.592%
58	8.590	933	936	940	rVB2	53541	67914	3.75%	0.303%
59	8.643	940	945	952	rBV2	144575	311290	17.21%	1.388%
60	8.766	960	966	970	rBV	66824	103215	5.71%	0.460%
61	8.954	993	998	1002	rBV	38106	61774	3.41%	0.276%
62	9.007	1002	1007	1014	rVB5	29221	60857	3.36%	0.271%
63	9.113	1014	1025	1029	rBV2	112046	244408	13.51%	1.090%
64	9.166	1029	1034	1041	rVV2	229763	532358	29.43%	2.374%
65	9.230	1041	1045	1051	rVV	181335	301152	16.65%	1.343%
66	9.354	1062	1066	1073	rVB6	39152	88515	4.89%	0.395%
67	9.489	1086	1089	1096	rVV5	27691	54312	3.00%	0.242%
68	9.636	1109	1114	1119	rVV3	43396	80749	4.46%	0.360%
69	9.695	1119	1124	1134	rVB5	32292	81677	4.51%	0.364%
70	9.889	1148	1157	1160	rBV5	29443	67189	3.71%	0.300%
71	9.936	1160	1165	1170	rVB3	50195	82412	4.56%	0.368%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.006	1170	1177	1182	rBV6	35536	81227	4.49%	0.362%
73	10.147	1197	1201	1206	rBV4	24970	47175	2.61%	0.210%
74	10.206	1206	1211	1218	rVV4	49875	124767	6.90%	0.556%
75	10.776	1301	1308	1311	rBV2	132198	247720	13.69%	1.105%
76	10.811	1311	1314	1318	rVV	128180	213683	11.81%	0.953%
77	10.858	1318	1322	1329	rVV3	43278	102077	5.64%	0.455%
78	12.221	1547	1554	1559	rBV2	43580	70507	3.90%	0.314%
79	12.468	1591	1596	1605	rVB	23595	44615	2.47%	0.199%
80	13.255	1720	1730	1744	rBV	651850	1053135	58.21%	4.697%
81	14.084	1865	1871	1880	rBV2	54864	102756	5.68%	0.458%
82	14.630	1958	1964	1972	rVV	213964	368949	20.39%	1.646%
83	14.718	1974	1979	1986	rVB2	29367	49546	2.74%	0.221%
84	15.676	2136	2142	2152	rBV	104409	158283	8.75%	0.706%
85	16.128	2209	2219	2230	rBV	611390	1053904	58.25%	4.701%
86	16.551	2285	2291	2298	rBV3	113673	199418	11.02%	0.889%
87	17.380	2422	2432	2446	rBV2	317776	679475	37.56%	3.031%
88	17.580	2461	2466	2474	rBV2	27234	45452	2.51%	0.203%
89	18.108	2550	2556	2568	rBV2	93832	168509	9.31%	0.752%
90	18.326	2588	2593	2598	rVB3	28964	50466	2.79%	0.225%
91	18.802	2668	2674	2685	rVB	76849	127271	7.03%	0.568%
92	19.007	2705	2709	2716	rBV7	21721	45355	2.51%	0.202%
93	19.430	2777	2781	2793	rVB	65016	101171	5.59%	0.451%
94	19.988	2870	2876	2888	rBV	1273266	1809178	100.00%	8.069%
95	21.293	3093	3098	3114	rBV5	42132	118123	6.53%	0.527%
96	21.645	3152	3158	3174	rVB	293488	550962	30.45%	2.457%
97	23.108	3402	3407	3415	rVB6	25538	53073	2.93%	0.237%
98	23.296	3433	3439	3448	rBV4	28949	62210	3.44%	0.277%
99	23.902	3536	3542	3549	rVB4	23309	45485	2.51%	0.203%
100	24.836	3691	3701	3714	rBV2	203536	598093	33.06%	2.668%

Sum of corrected areas: 22419994

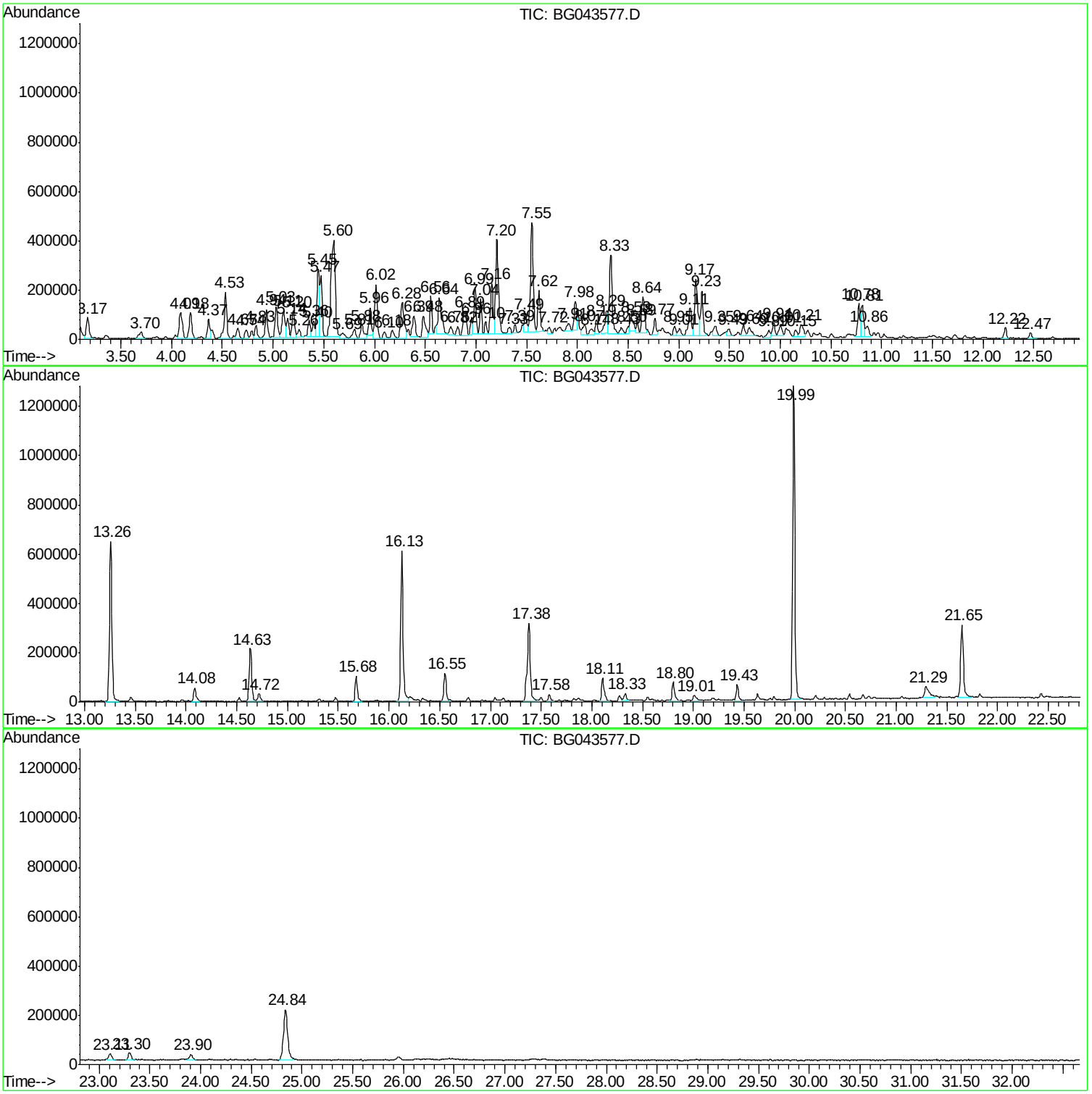
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

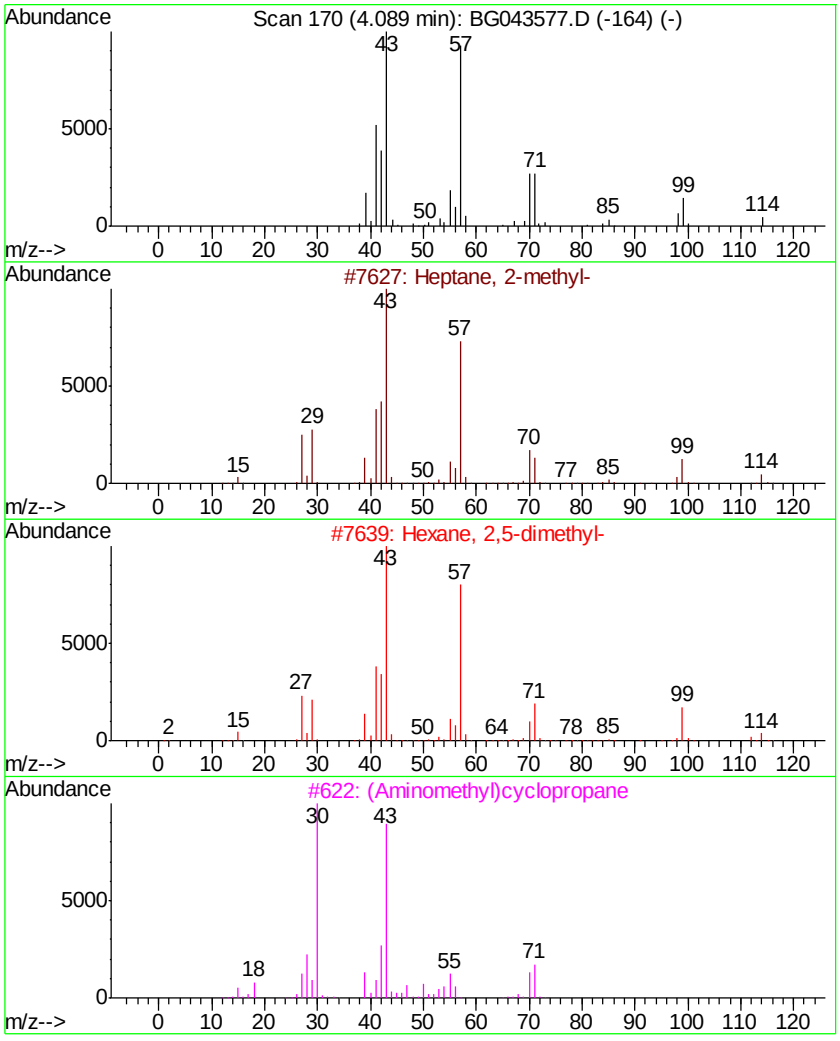
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

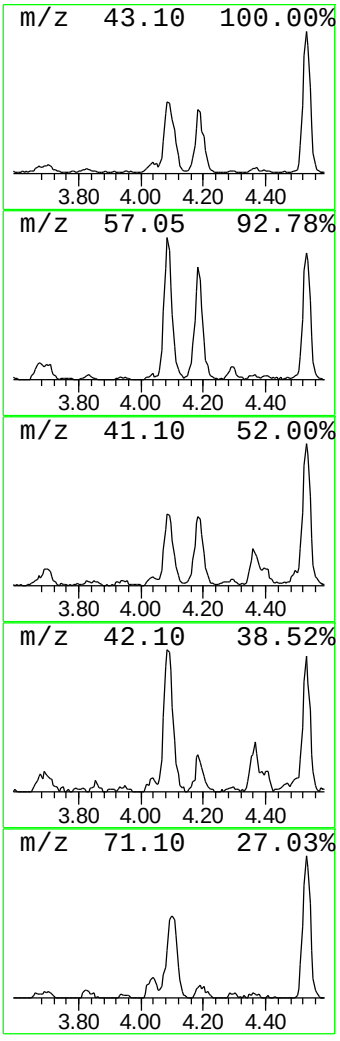
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	21.75 ng	233833	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
3	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	47
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

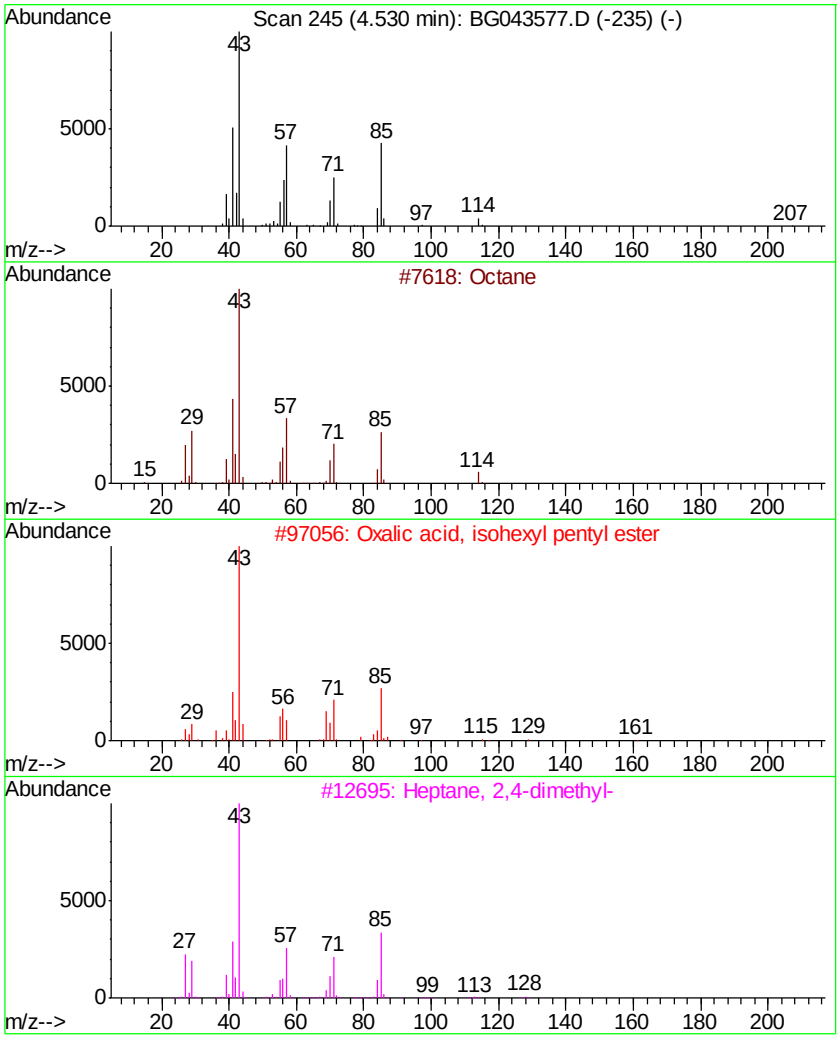
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

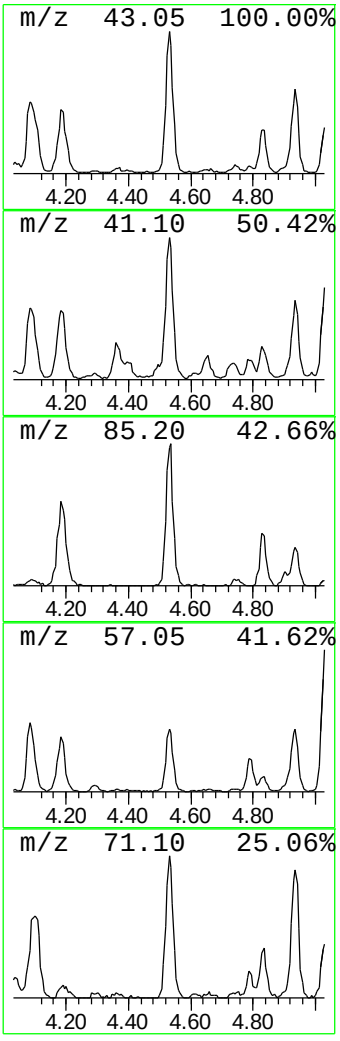
****

Peak Number 2 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	32.87 ng	353407	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	83
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

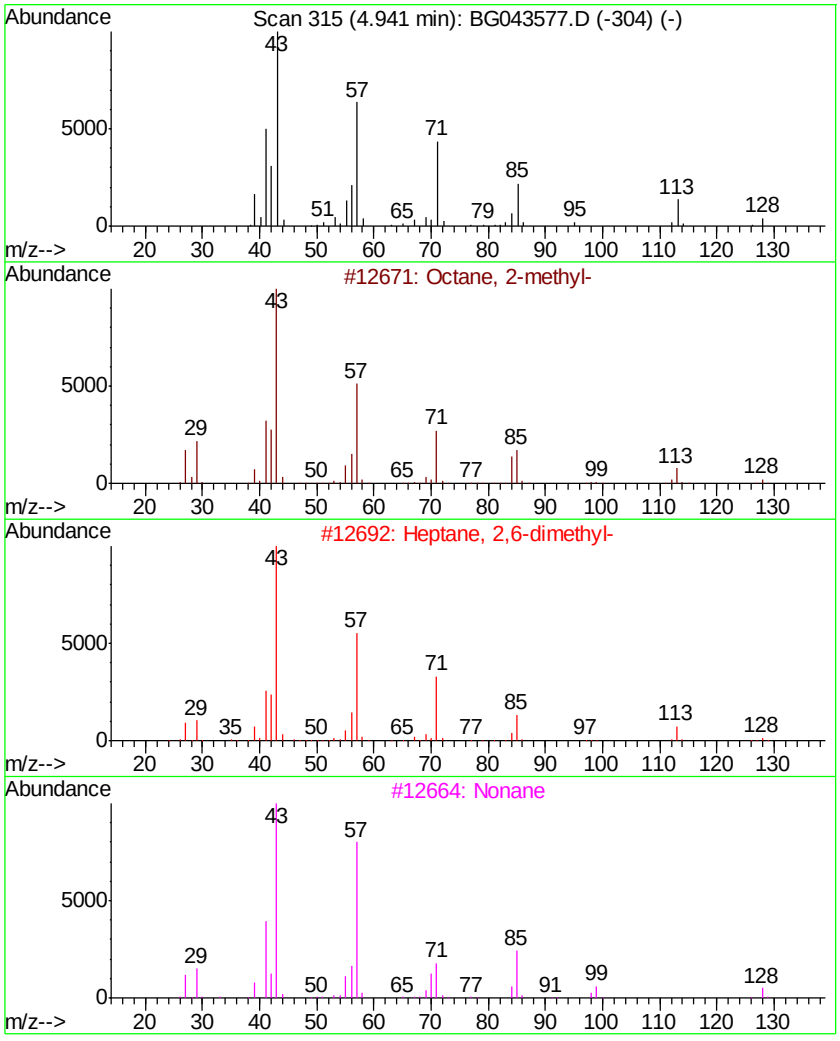
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

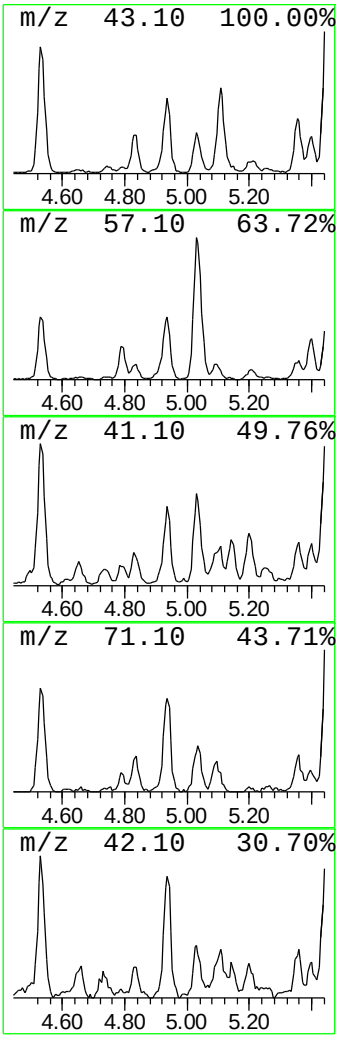
****

Peak Number 3 Octane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	19.23 ng	206707	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	93
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3	Nonane	128	C9H20	000111-84-2	58
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53
5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

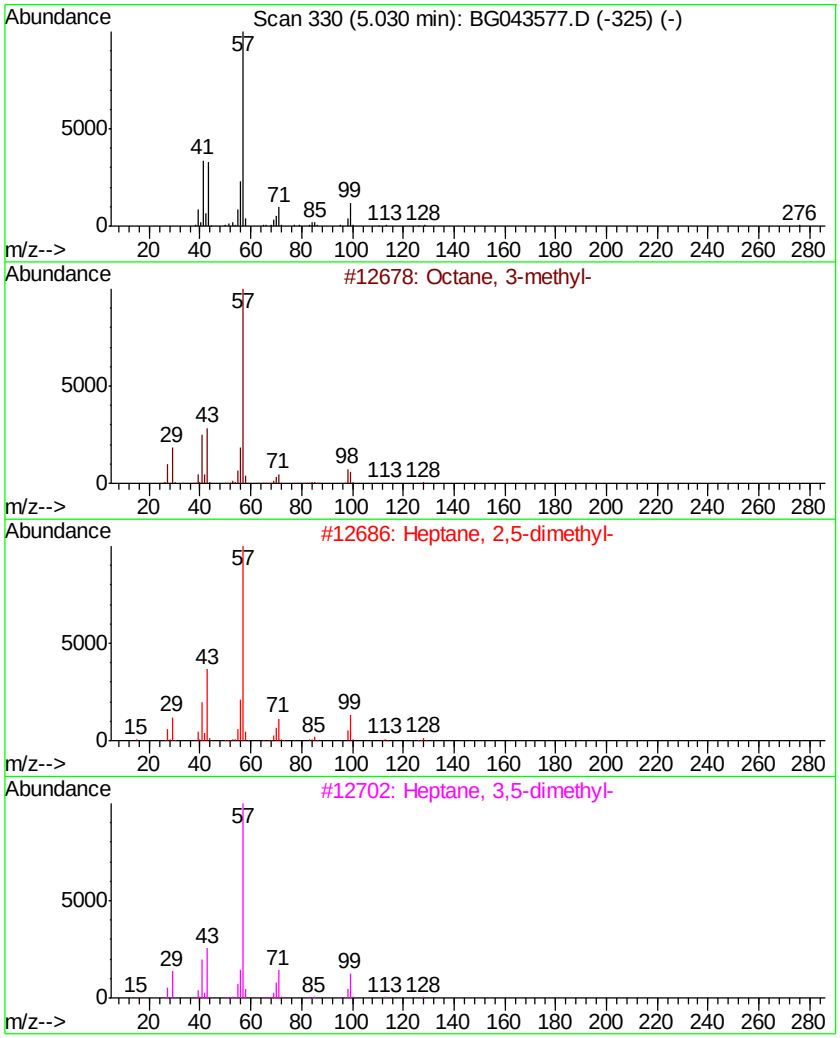
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

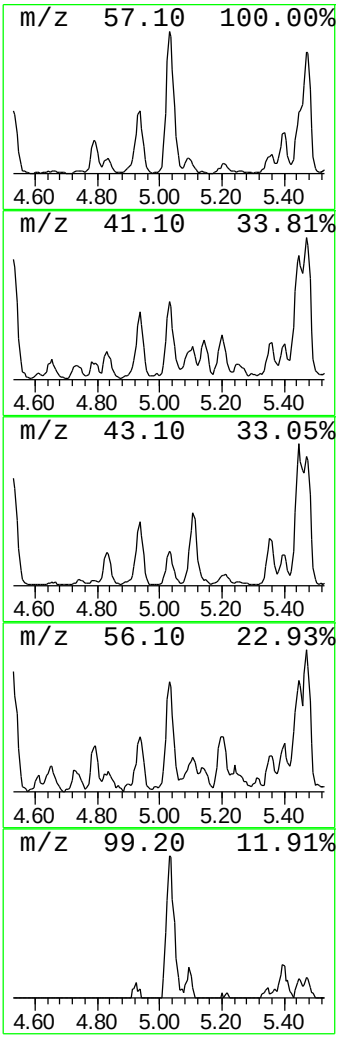
****

Peak Number 4 Octane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	20.13 ng	216392	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
5	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

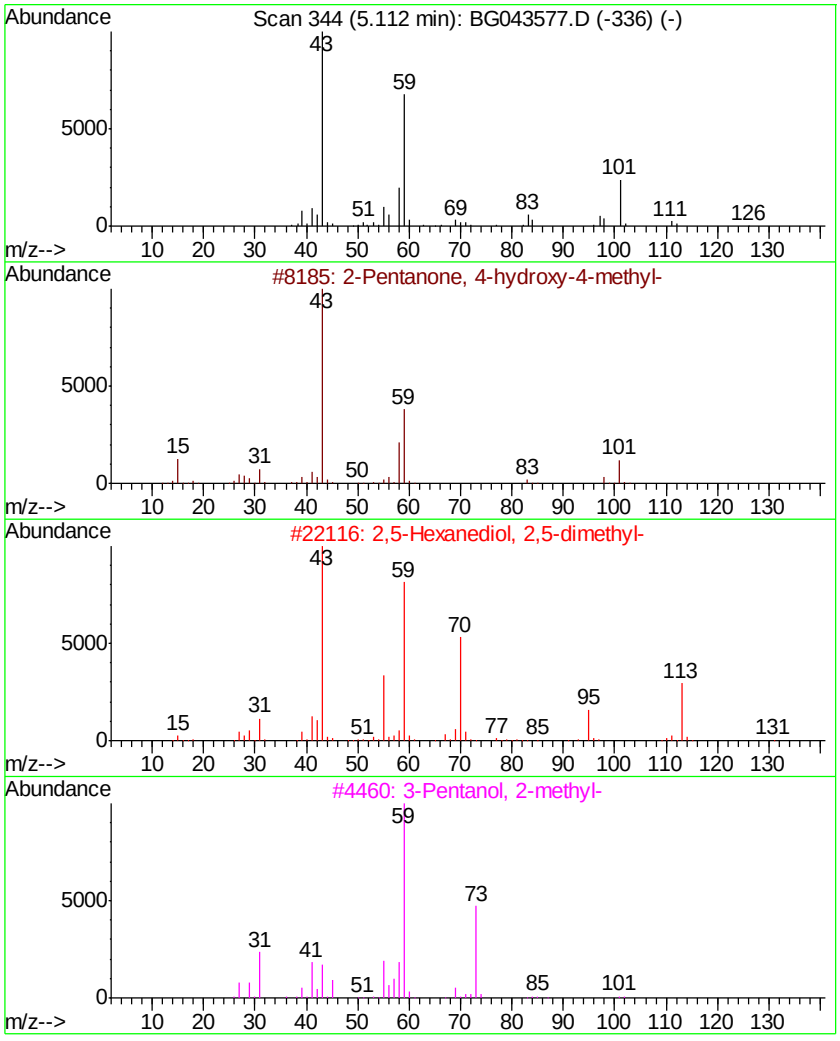
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

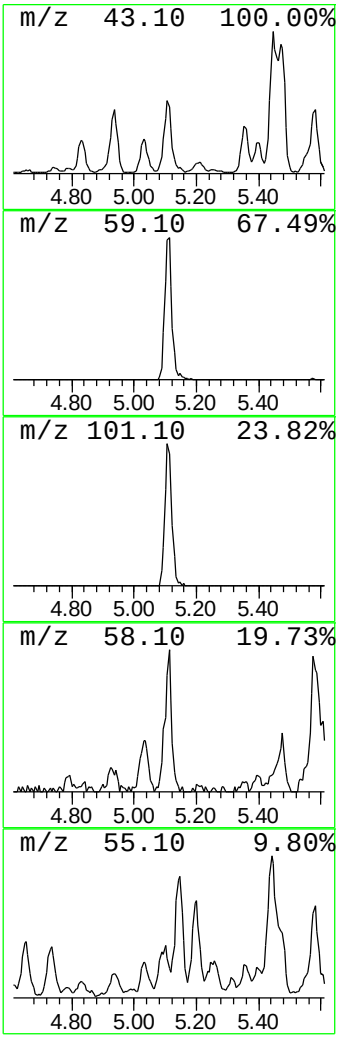
****

Peak Number 5 unknown5.11 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	20.75 ng	223050	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
2	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	28
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	17
4	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	17
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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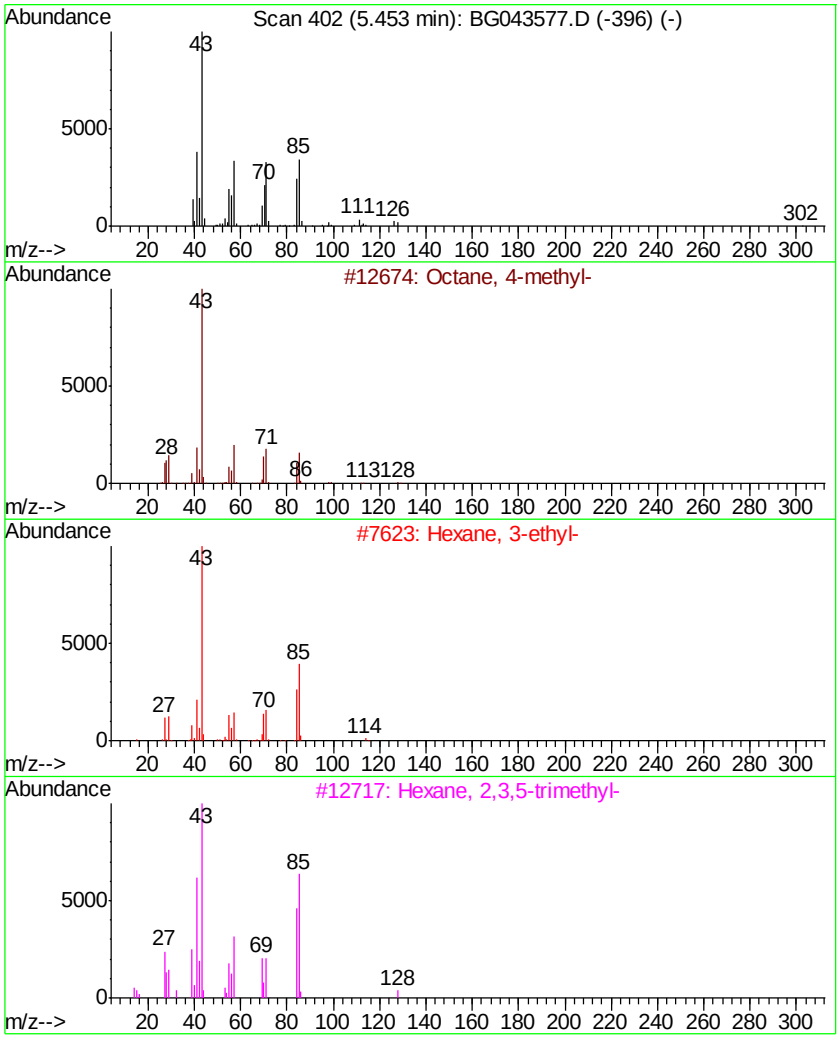
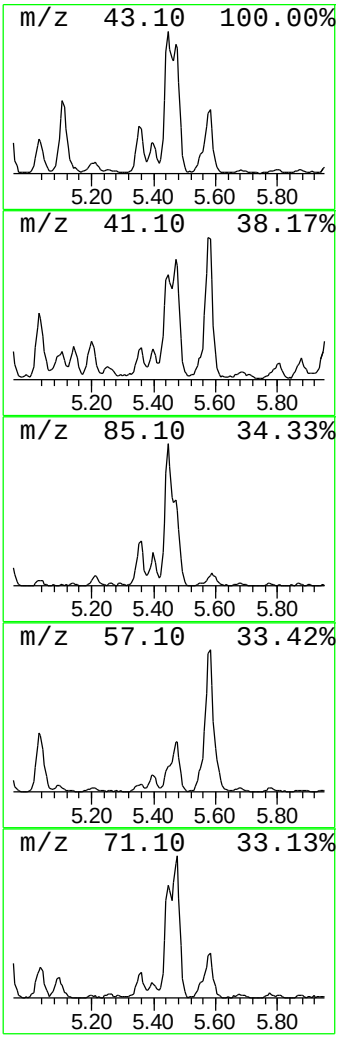
Peak Number 6 Octane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	43.69 ng	469757	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Library Search Compound Report

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Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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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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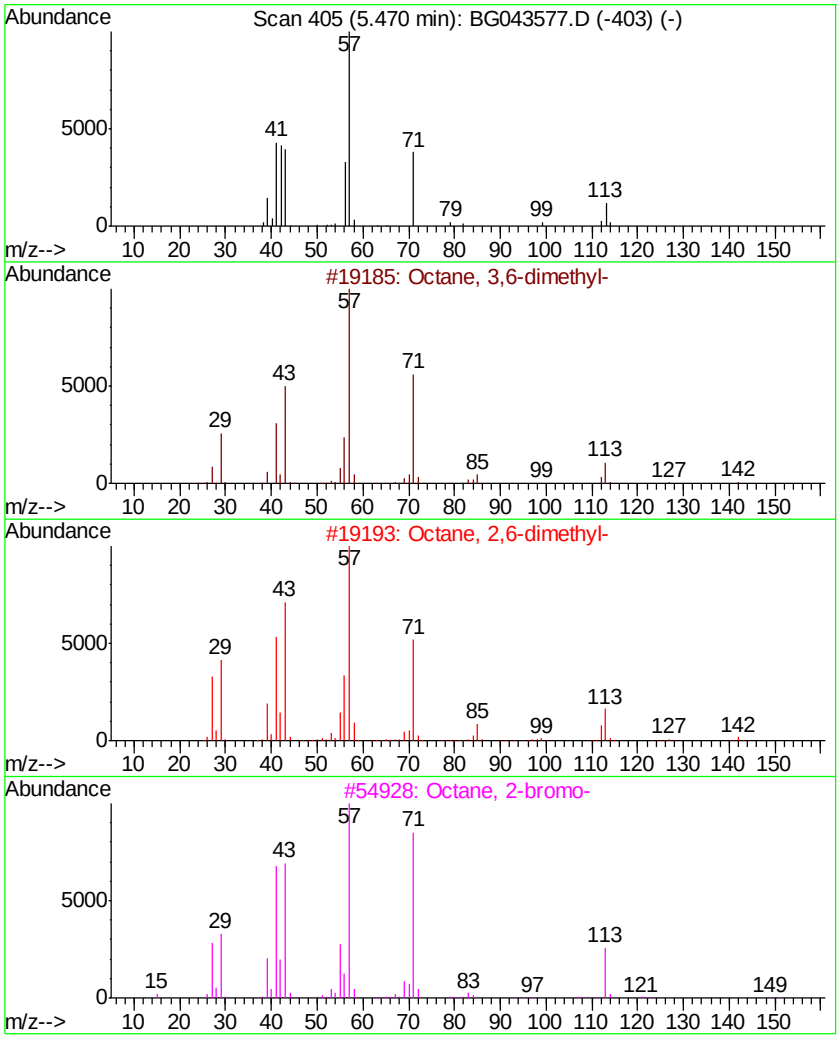
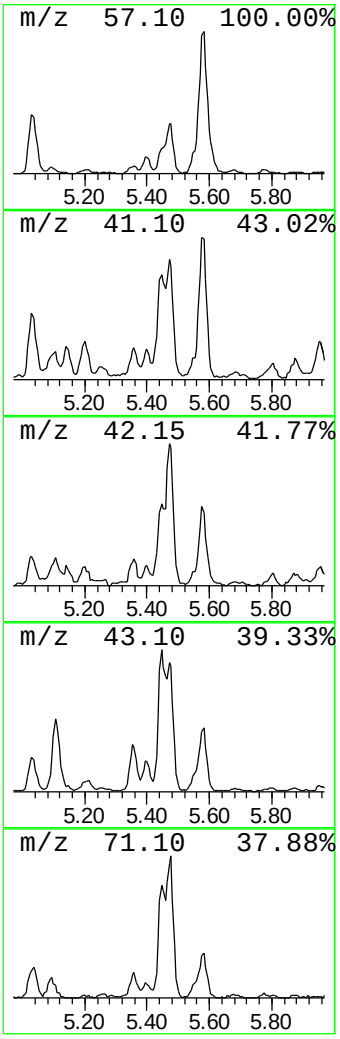
Peak Number 7 unknown5.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	31.86 ng	342602	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	28
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	23
4	Azocine, octahydro-	113	C7H15N	001121-92-2	9
5	Cyclohexanol, 4-methyl-, trans-	114	C7H14O	007731-29-5	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : SB-18-(12-14)

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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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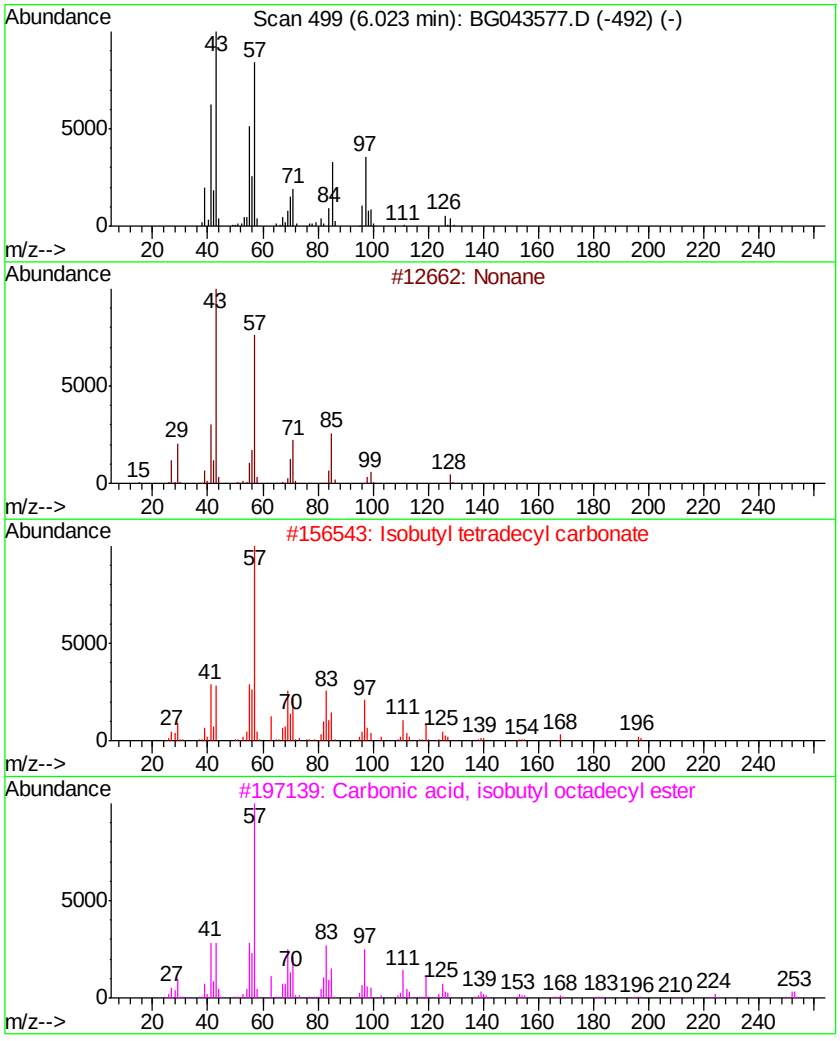
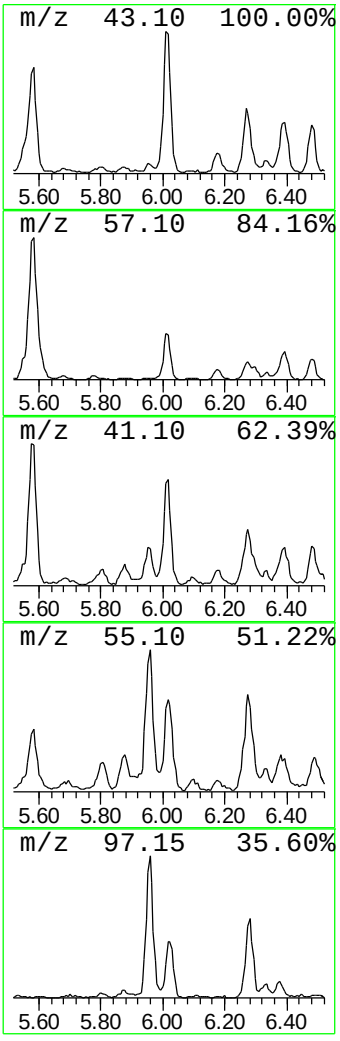
Peak Number 8 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	35.78 ng	384692	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	59
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	59
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





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Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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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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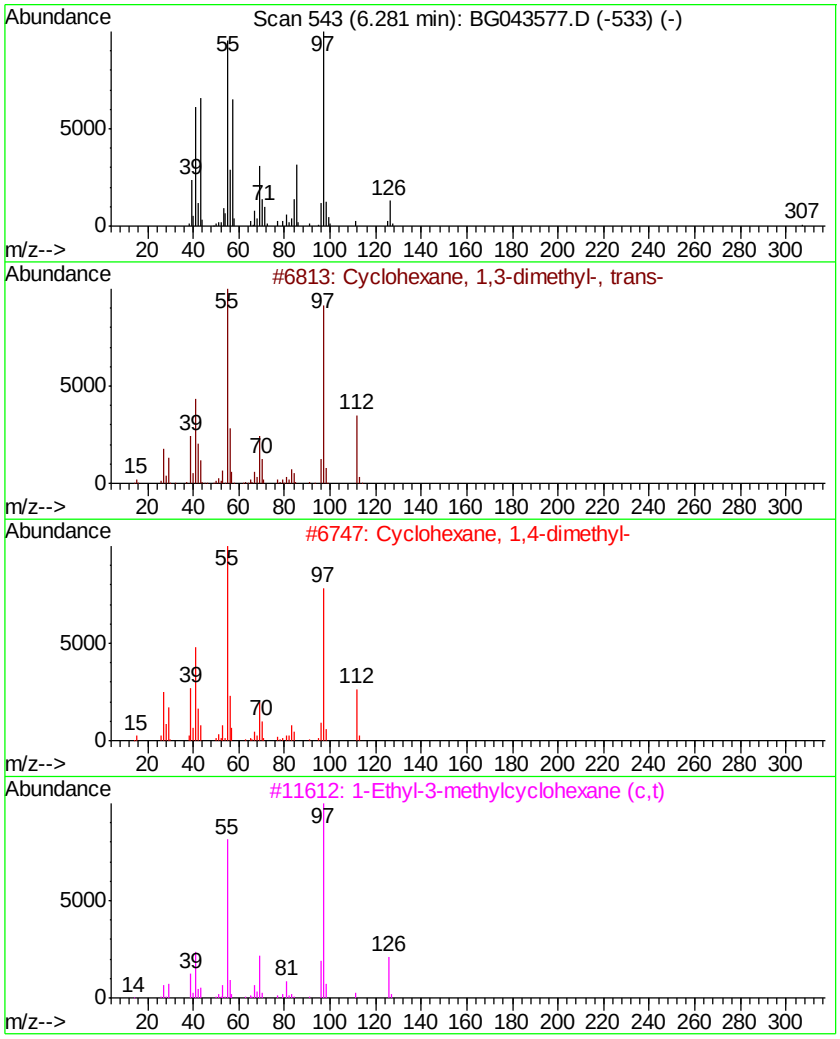
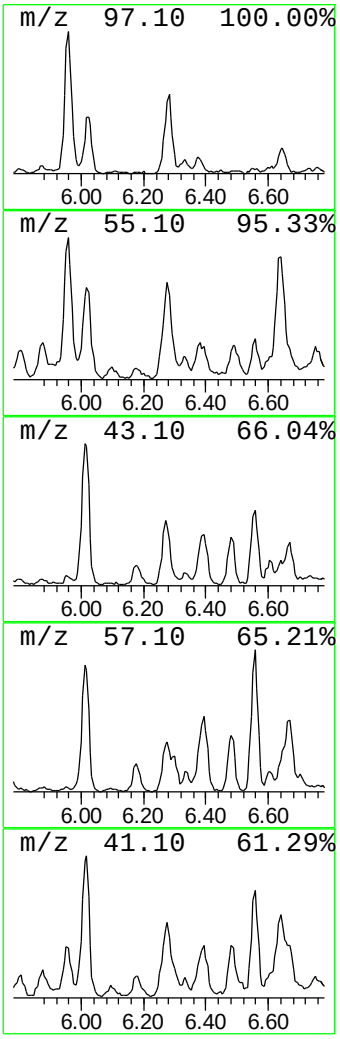
Peak Number 9 unknown6.28 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	31.92 ng	343228	1,4-Dichlorobenzene-d4	8.00

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-	112	C8H16	000589-90-2	47
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	46
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43





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ALS Vial : 12 Sample Multiplier: 1

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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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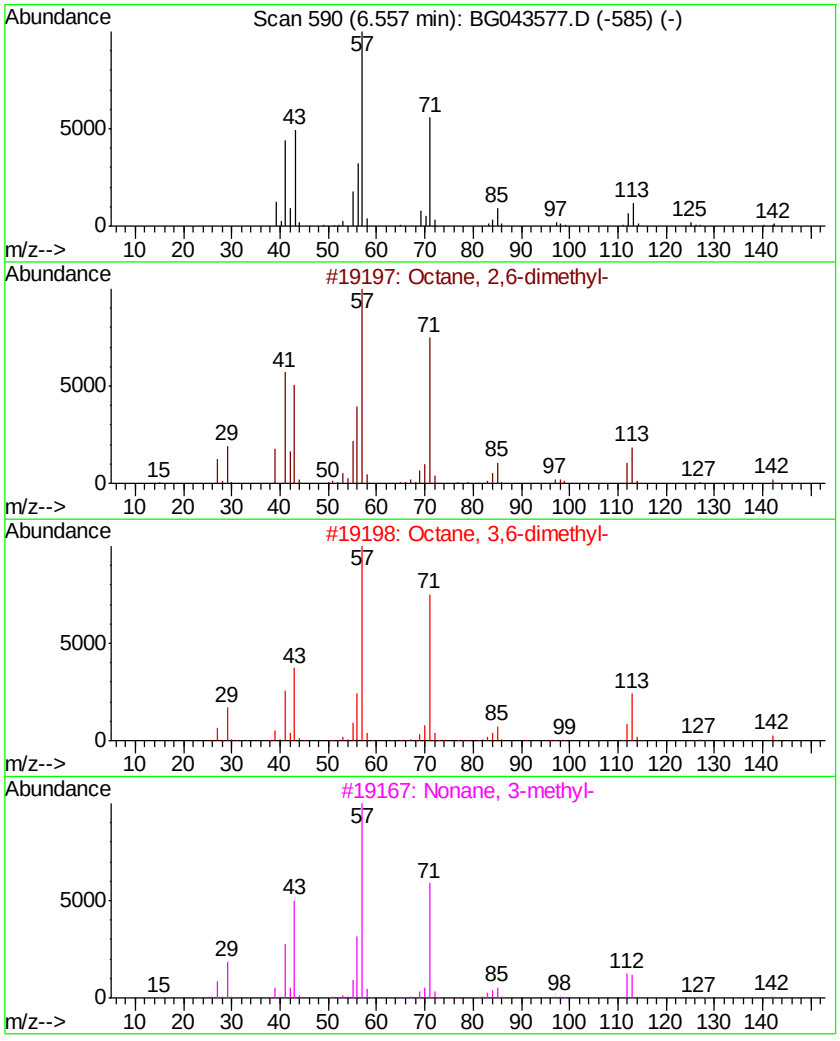
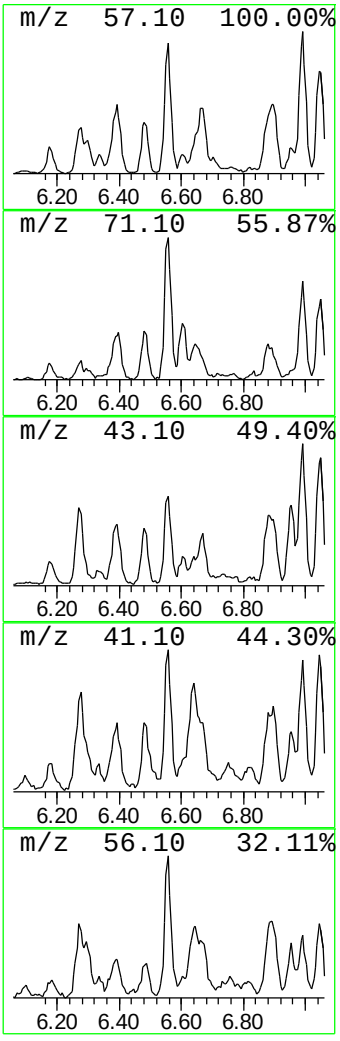
Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	19.50 ng	209624	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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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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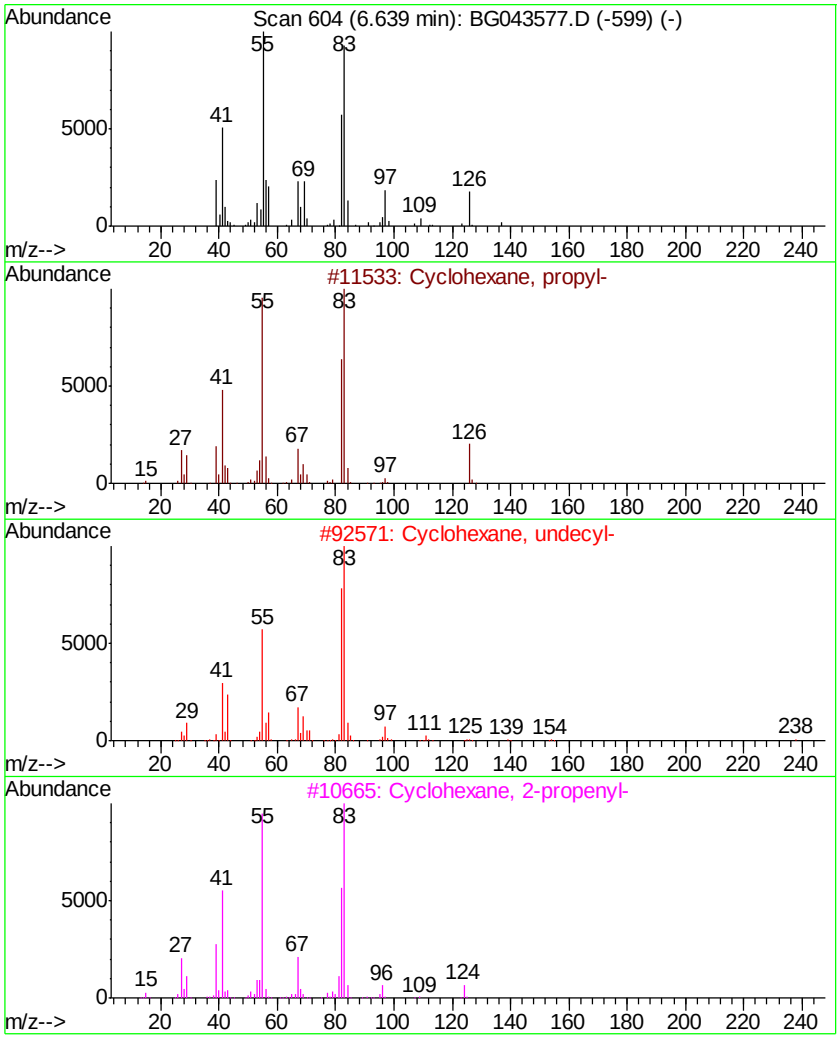
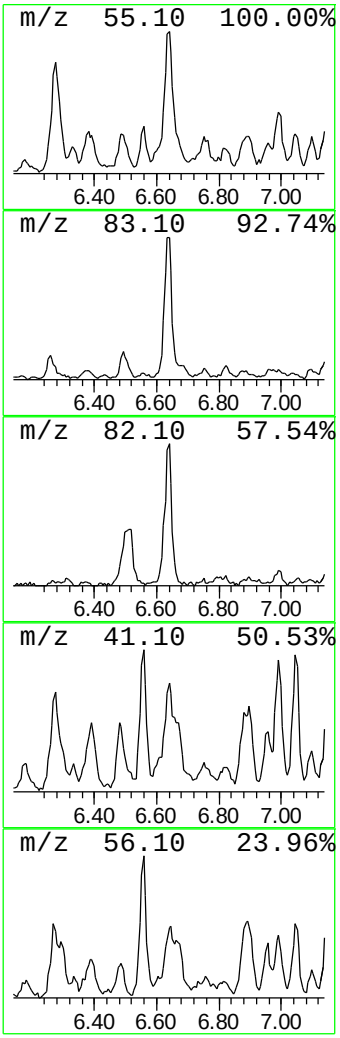
Peak Number 11 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	33.90 ng	364466	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : SB-18-(12-14)

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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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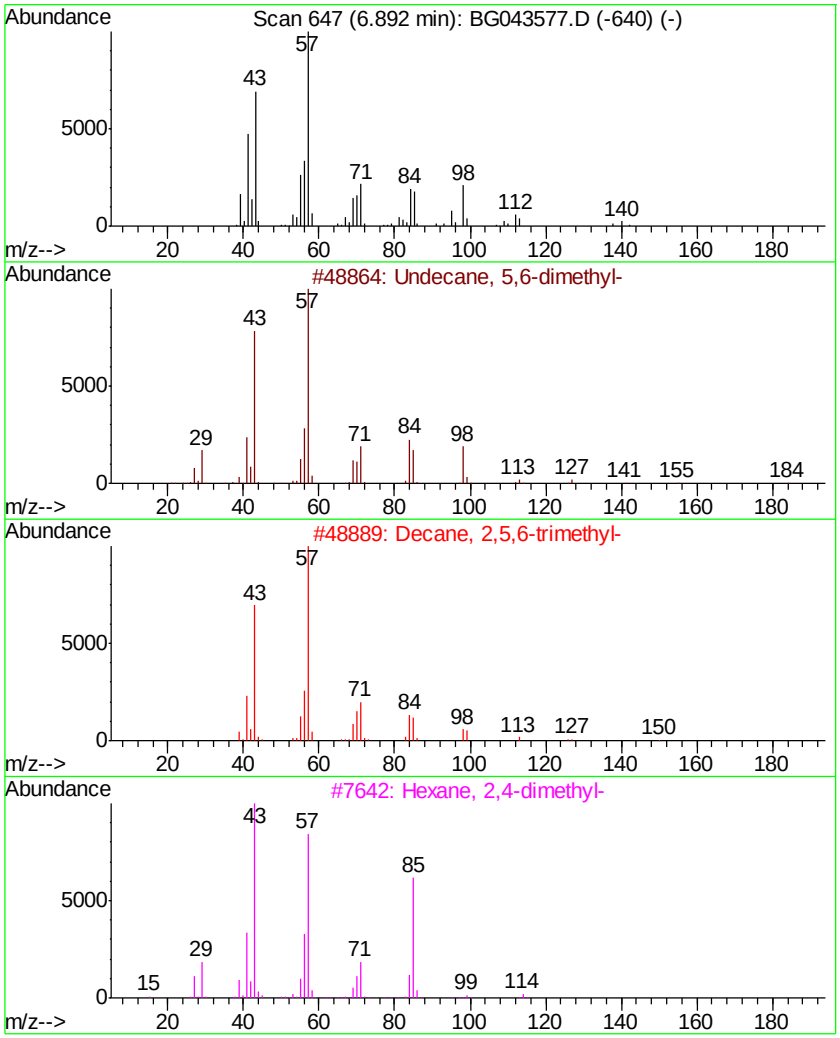
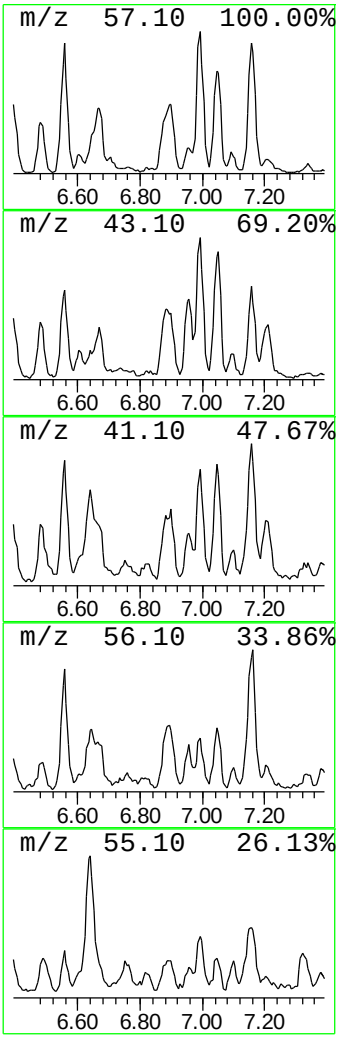
Peak Number 12 Undecane, 5,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	23.28 ng	250262	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
4	Isobutyl octyl carbonate	230	C13H26O3	1000372-74-6	43
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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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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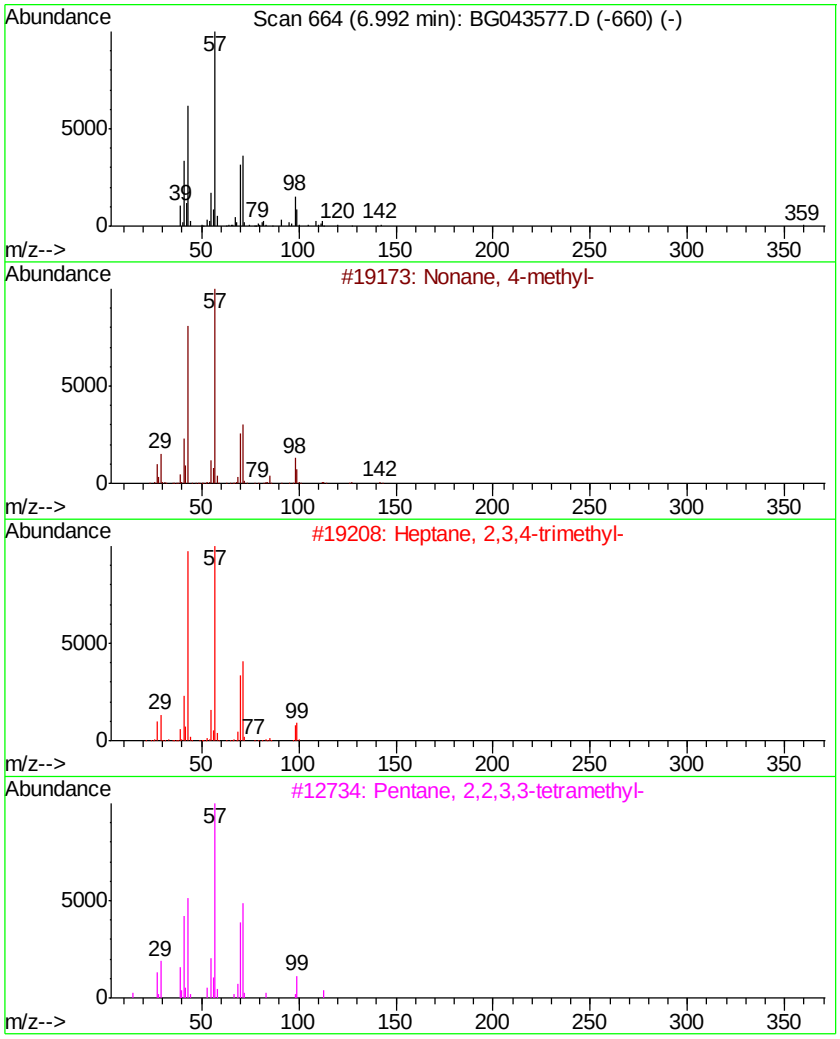
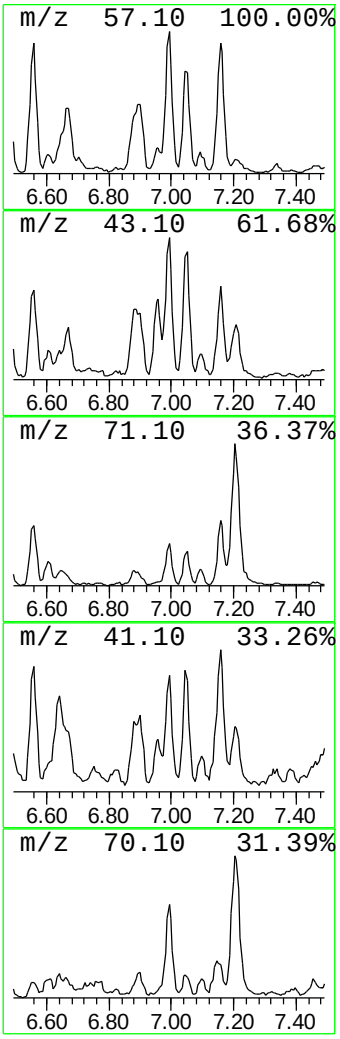
Peak Number 13 Nonane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	25.61 ng	275355	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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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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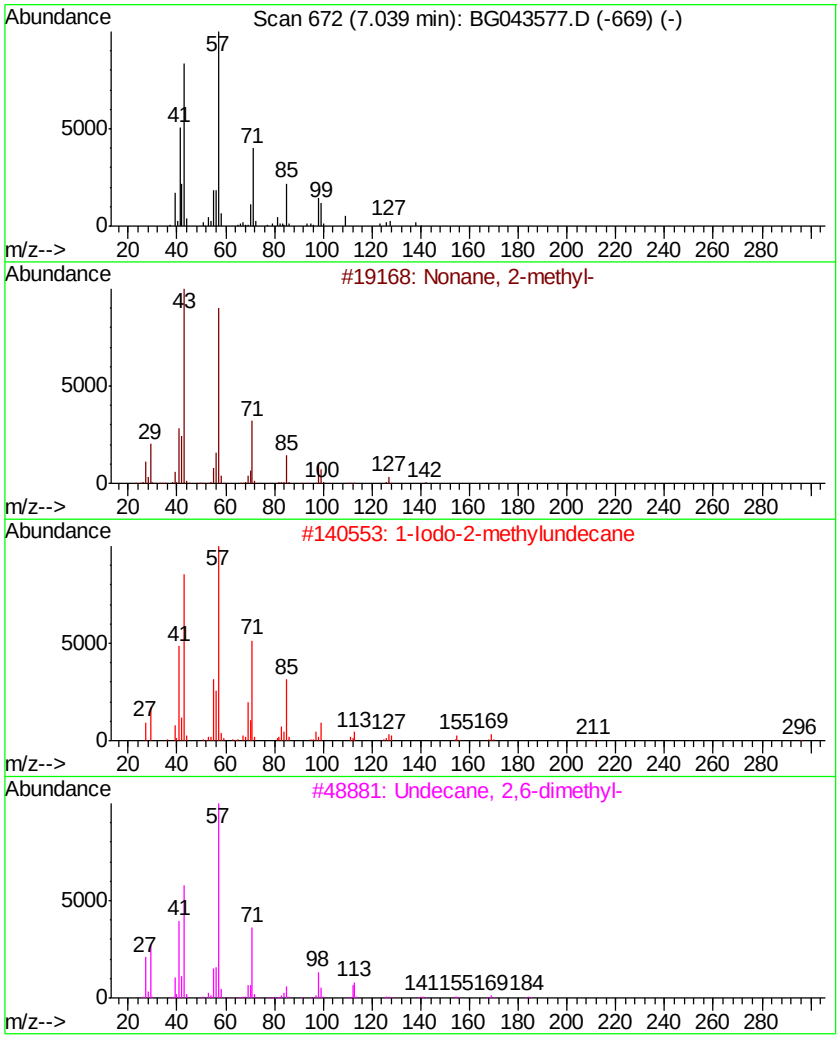
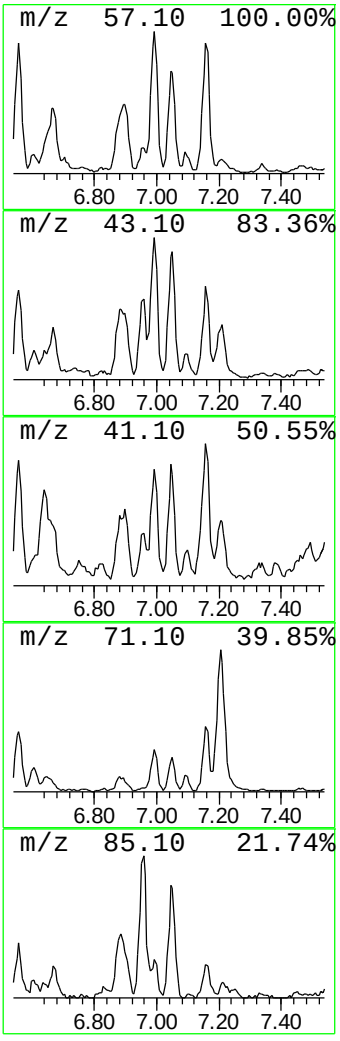
Peak Number 14 Nonane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	19.59 ng	210620	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
5	Pentadecane	212	C15H32	000629-62-9	53





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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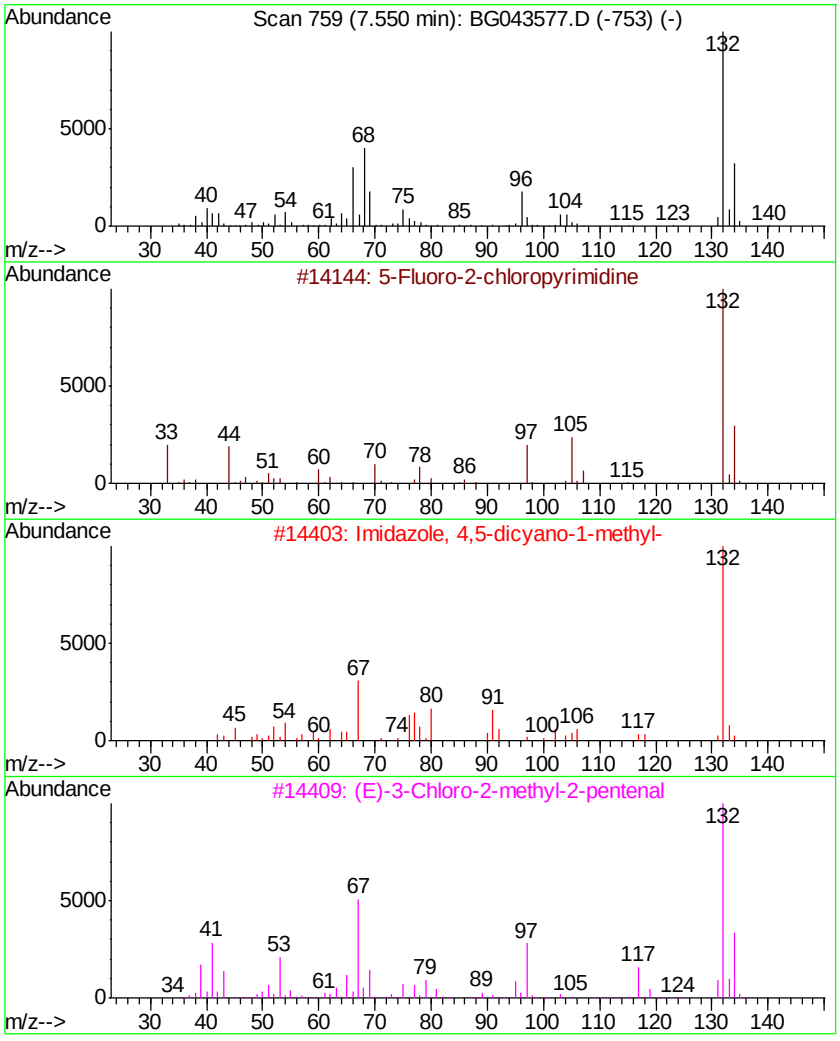
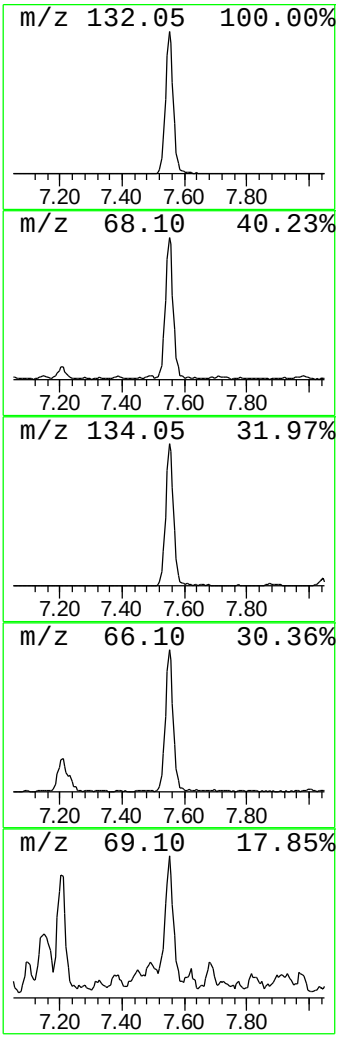
Peak Number 15 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	75.29 ng	809524	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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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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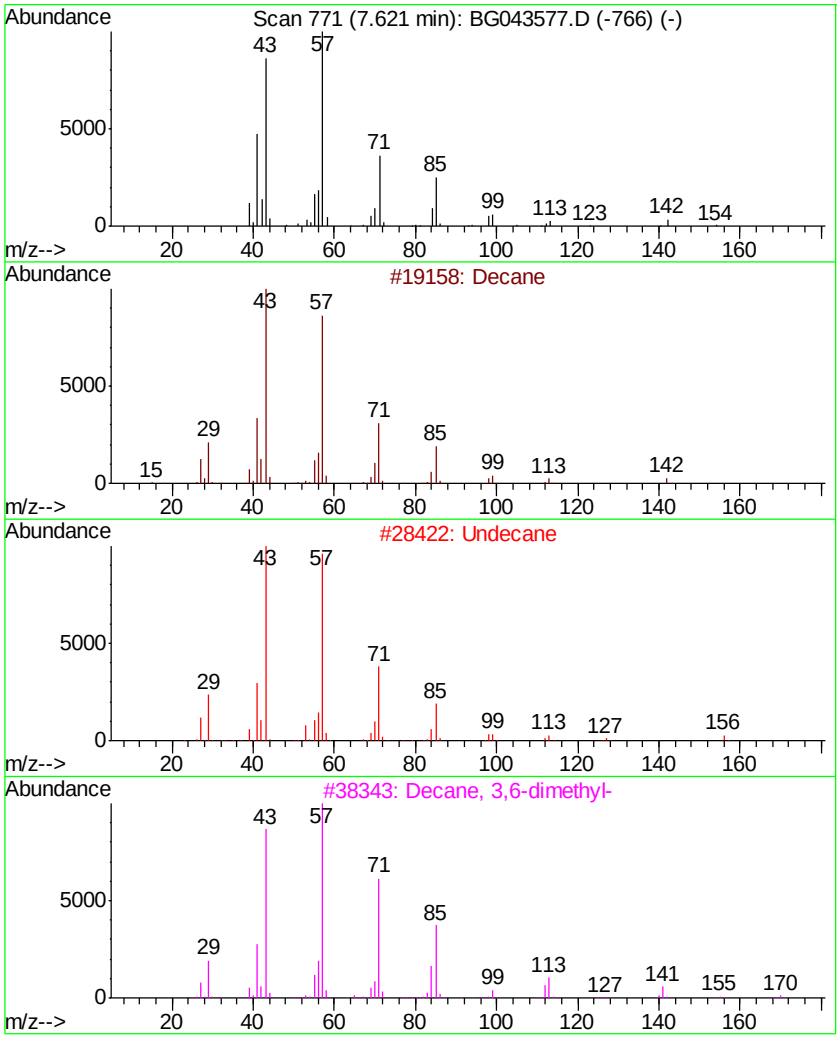
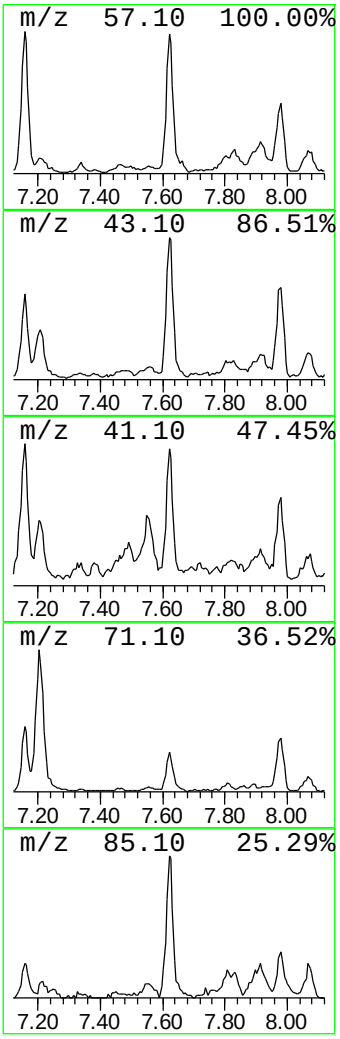
Peak Number 16 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	24.38 ng	262144	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Undecane	156	C11H24	001120-21-4	78
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64





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Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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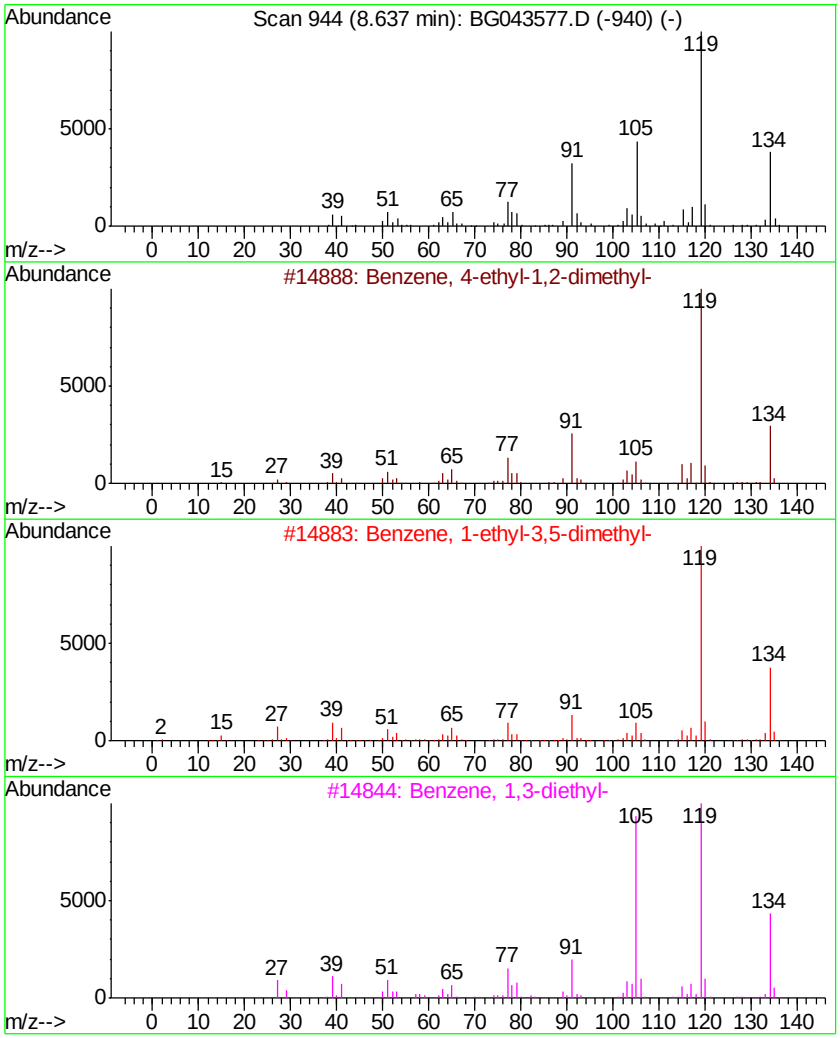
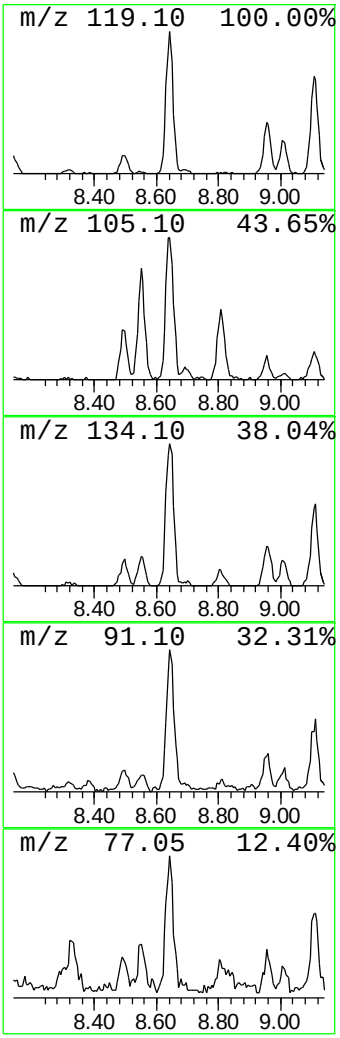
Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	28.95 ng	311290	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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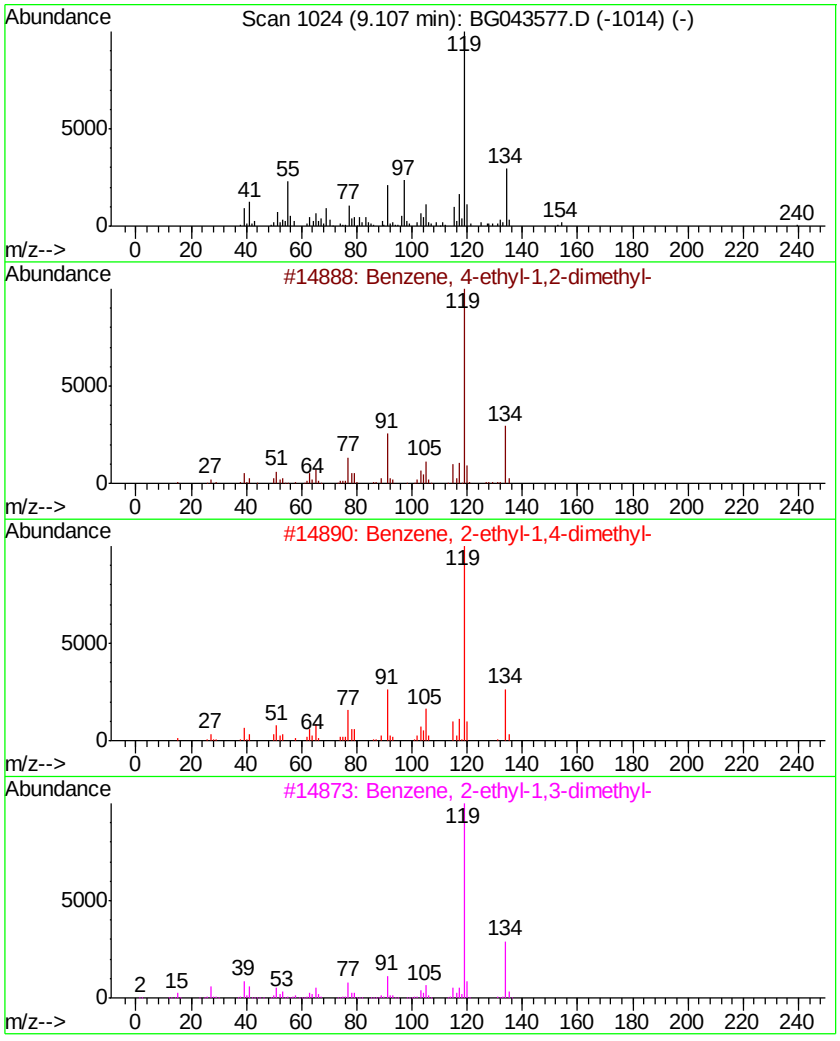
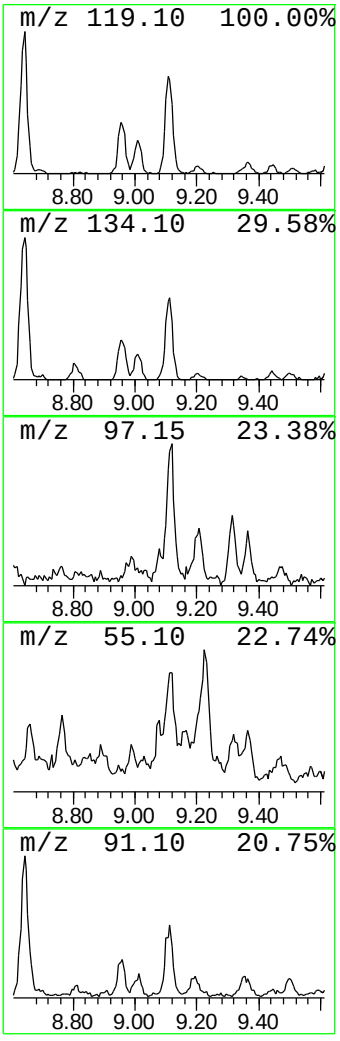
Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	22.73 ng	244408	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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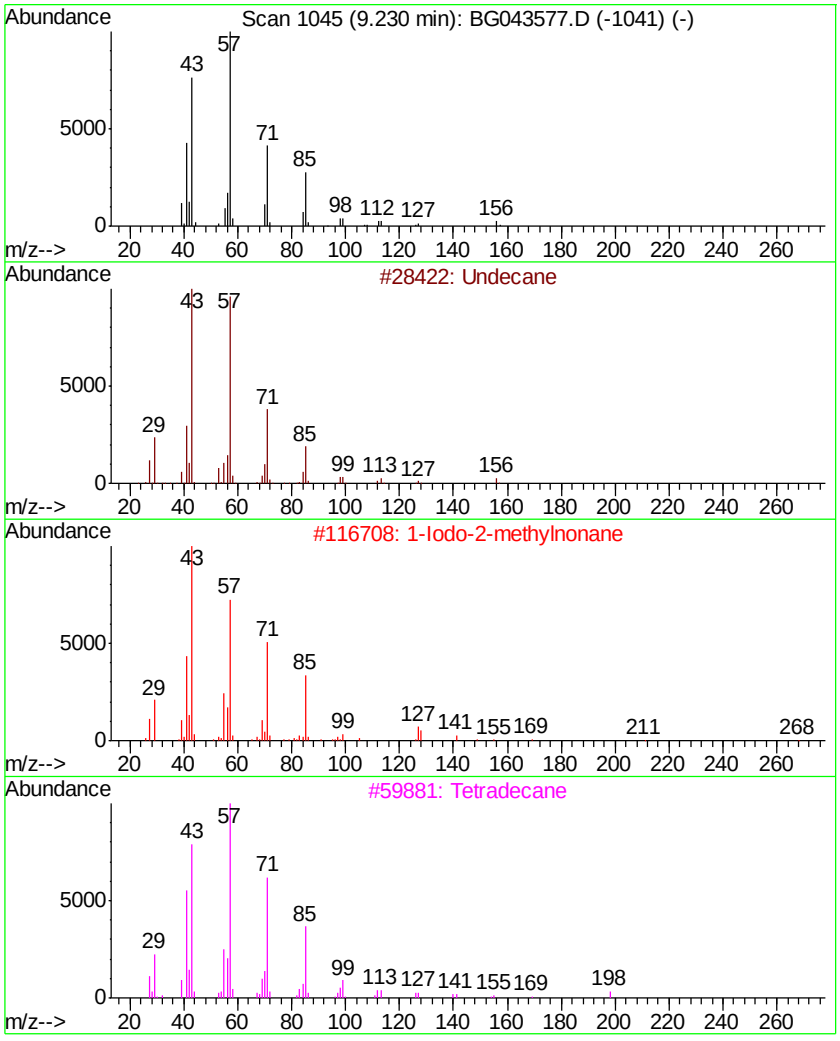
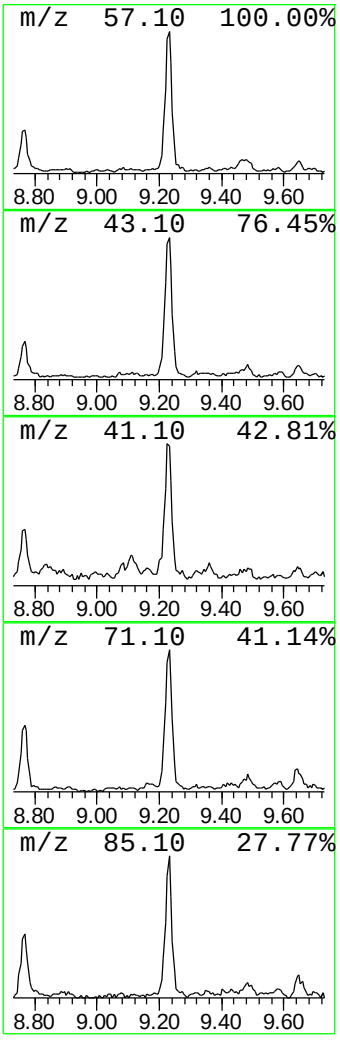
Peak Number 20 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	28.01 ng	301152	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	76
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110819\
Data File : BG043577.D
Acq On : 8 Nov 2019 19:58
Operator : JU
Sample : K5742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
Heptane, 2-methyl-	4.09	21.8	ng	233833	1	8.00	215039	20.0
Octane	4.53	32.9	ng	353407	1	8.00	215039	20.0
Octane, 2-methyl-	4.94	19.2	ng	206707	1	8.00	215039	20.0
Octane, 3-methyl-	5.03	20.1	ng	216392	1	8.00	215039	20.0
unknown5.11	5.11	20.8	ng	223050	1	8.00	215039	20.0
Octane, 4-methyl-	5.45	43.7	ng	469757	1	8.00	215039	20.0
unknown5.47	5.47	31.9	ng	342602	1	8.00	215039	20.0
Nonane	6.02	35.8	ng	384692	1	8.00	215039	20.0
unknown6.28	6.28	31.9	ng	343228	1	8.00	215039	20.0
Octane, 2,6-dimet...	6.56	19.5	ng	209624	1	8.00	215039	20.0
Cyclohexane, propyl-	6.64	33.9	ng	364466	1	8.00	215039	20.0
Undecane, 5,6-dim...	6.89	23.3	ng	250262	1	8.00	215039	20.0
Nonane, 4-methyl-	6.99	25.6	ng	275355	1	8.00	215039	20.0
Nonane, 2-methyl-	7.04	19.6	ng	210620	1	8.00	215039	20.0
unknown7.55	7.55	75.3	ng	809524	1	8.00	215039	20.0
Decane	7.62	24.4	ng	262144	1	8.00	215039	20.0
Benzene, 1-ethyl-...	8.64	28.9	ng	311290	1	8.00	215039	20.0
Benzene, 4-ethyl-...	9.11	22.7	ng	244408	1	8.00	215039	20.0
Undecane	9.23	28.0	ng	301152	1	8.00	215039	20.0