LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

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:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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	2.132	3	4	20	rVB	159559	383419	4.44%	0.303%
2	3.218	88	99	102	rVB3	52840	176360	2.04%	0.139%
3	3.401	111	115	119	rVB2	73154	165874	1.92%	0.131%
4	3.653	131	137	144	rVB3	54985	179085	2.07%	0.141%
5	3.813	144	151	153	rVV3	103058	258413	2.99%	0.204%
6	3.858	153	155	158	rVV	63073	109236	1.26%	0.086%
7	3.950	158	163	165	rVV	81458	186365	2.16%	0.147%
8	3.984	165	166	169	rVV	86169	133168	1.54%	0.105%
9	4.087	171	175	178	rVV2	81945	184547	2.14%	0.146%
10	4.247	182	189	191	rBV	117733	240757	2.79%	0.190%
11	4.293	191	193	196	rVB	62951	90377	1.05%	0.071%
12	4.441	201	206	210	rVB2	756612	1433629	16.60%	1.132%
13	4.544	210	215	218	rBV	421767	544921	6.31%	0.430%
14	4.613	218	221	223	rBV	147014	226101	2.62%	0.179%
15	4.647	223	224	226	rVB	99182	97951	1.13%	0.077%
16	4.704	226	229	232	rVB3	161285	274388	3.18%	0.217%
17	4.761	232	234	236	rBV	604666	646856	7.49%	0.511%
18	4.876	239	244	246	rBV	3137679	3979697	46.07%	3.143%
19	4.956	246	251	253	rBV2	1703917	4112917	47.61%	3.248%
20	5.024	253	257	260	rBV	5506921	7794315	90.23%	6.156%
21	5.070	260	261	265	rVB3	727044	1458230	16.88%	1.152%
22	5.161	265	269	272	rVB	939686	1317372	15.25%	1.040%
23	5.230	272	275	277	rBV	4087797	6269119	72.57%	4.952%
24	5.321	282	283	285	rVB	138332	113404	1.31%	0.090%
25	5.378	285	288	289	rBV	263883	643679	7.45%	0.508%
26	5.401	289	290	291	rVV	603081	463067	5.36%	0.366%
27	5.447	291	294	296	rVV	6815970	8046645	93.15%	6.355%
28	5.516	298	300	303	rVV	2768533	3285090	38.03%	2.595%
29	5.561	303	304	306	rVV	1006821	1042547	12.07%	0.823%
30	5.596	306	307	309	rVV	1905789	2664178	30.84%	2.104%
31	5.641	309	311	313	rVV	3195879	3208243	37.14%	2.534%
32	5.687	313	315	319	rVB	2304530	2831892	32.78%	2.237%
33	5.756	319	321	323	rBV	735005	680682	7.88%	0.538%
34	5.858	325	330	331	rBV	2021293	3495847	40.47%	2.761%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

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:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.893	331	333	336	rVV2	620926	1060669	12.28%	0.838%
36	5.938	336	337	339	rVV2	166213	279075	3.23%	0.220%
37	5.984	339	341	344	rVB	1175512	1221528	14.14%	0.965%
38	6.041	344	346	348	rBV2	264314	527252	6.10%	0.416%
39	6.087	348	350	353	rVV	982074	1175572	13.61%	0.928%
40	6.144	353	355	356	rVV	393441	406495	4.71%	0.321%
41	6.179	356	358	363	rVB3	126149	284736	3.30%	0.225%
42	6.270	363	366	368	rBV	117362	134113	1.55%	0.106%
43	6.361	371	374	379	rVB	77402	118307	1.37%	0.093%
44	6.476	380	384	386	rVB	6348217	8638486	100.00%	6.823%
45	6.601	392	395	397	rBV	7209272	7597436	87.95%	6.001%
46	6.830	412	415	417	rBV	1697905	1577870	18.27%	1.246%
47	6.990	426	429	431	rVB	5752804	6176036	71.49%	4.878%
48	7.390	461	464	466	rBV	3985873	4752341	55.01%	3.754%
49	7.493	470	473	481	rVB	106757	201362	2.33%	0.159%
50	8.110	524	527	529	rVB	1774182	1855204	21.48%	1.465%
51	9.196	618	622	624	rBV	8077425	8471096	98.06%	6.691%
52	9.585	653	656	658	rBV	1797798	1591908	18.43%	1.257%
53	9.813	673	676	678	rVB	128682	108299	1.25%	0.086%
54	9.870	678	681	683	rBV	1989802	2223734	25.74%	1.756%
55	10.316	718	720	721	rVB	140180	153965	1.78%	0.122%
56	10.533	736	739	742	rBV	61215	102714	1.19%	0.081%
57	10.659	746	750	752	rVV	4511025	5646413	65.36%	4.460%
58	10.785	757	761	765	rBV	223949	294248	3.41%	0.232%
59	11.230	798	800	802	rBV	188604	152050	1.76%	0.120%
60	11.345	808	810	813	rVB	2140970	2047693	23.70%	1.617%
61	11.402	813	815	820	rVB2	68581	128189	1.48%	0.101%
62	11.653	835	837	840	rVB	103898	120735	1.40%	0.095%
63	11.893	855	858	862	rBV3	69970	141403	1.64%	0.112%
64	12.065	870	873	875	rBV2	73466	90676	1.05%	0.072%
65	12.945	946	950	952	rBV	6291450	8167855	94.55%	6.451%
66	13.848	1026	1029	1038	rBV	165464	380443	4.40%	0.300%
67	13.985	1038	1041	1043	rBV	2062305	2172446	25.15%	1.716%
68	15.414	1163	1166	1169	rBV	1564894	1871184	21.66%	1.478%

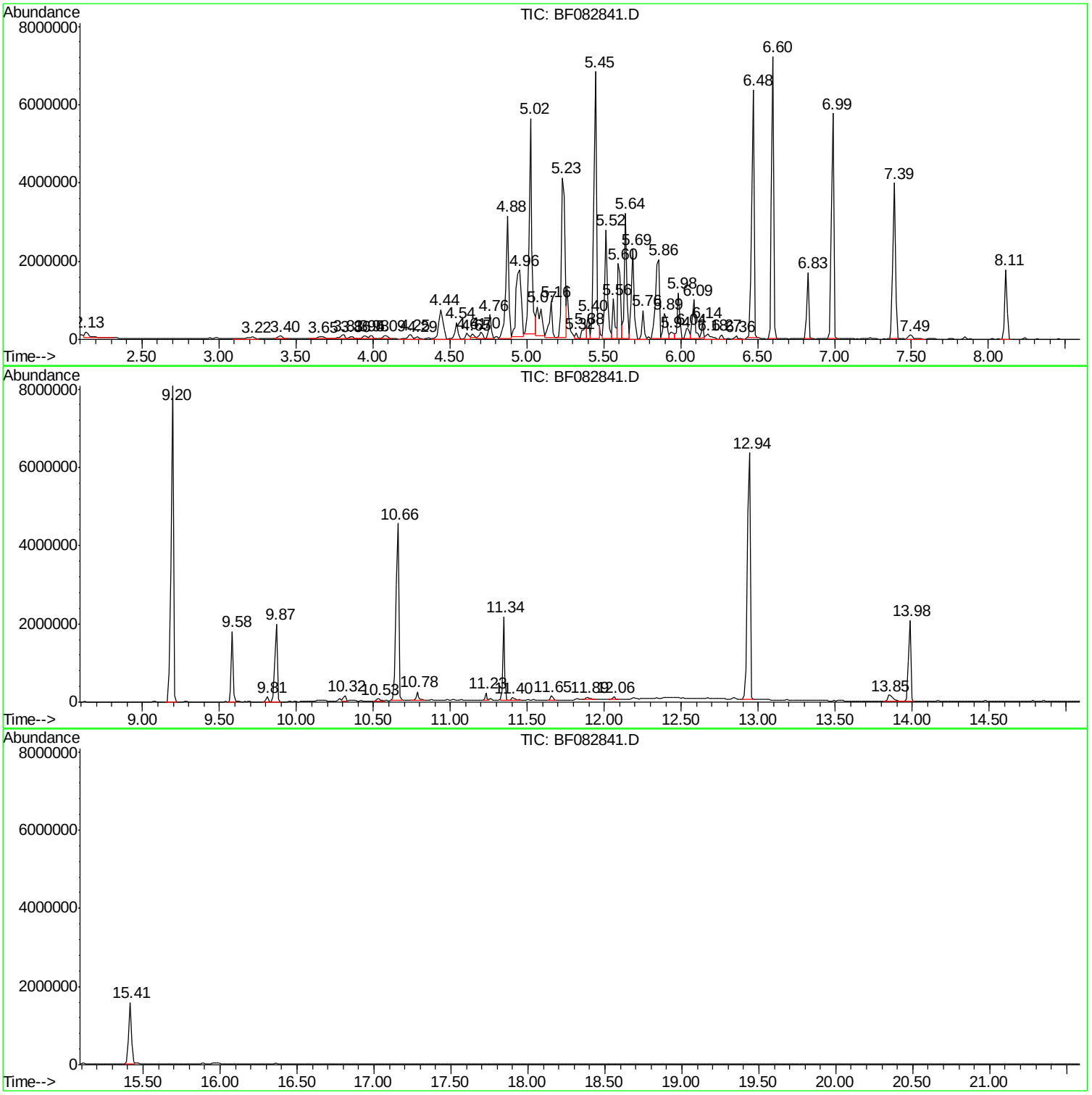
Sum of corrected areas: 126609904

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

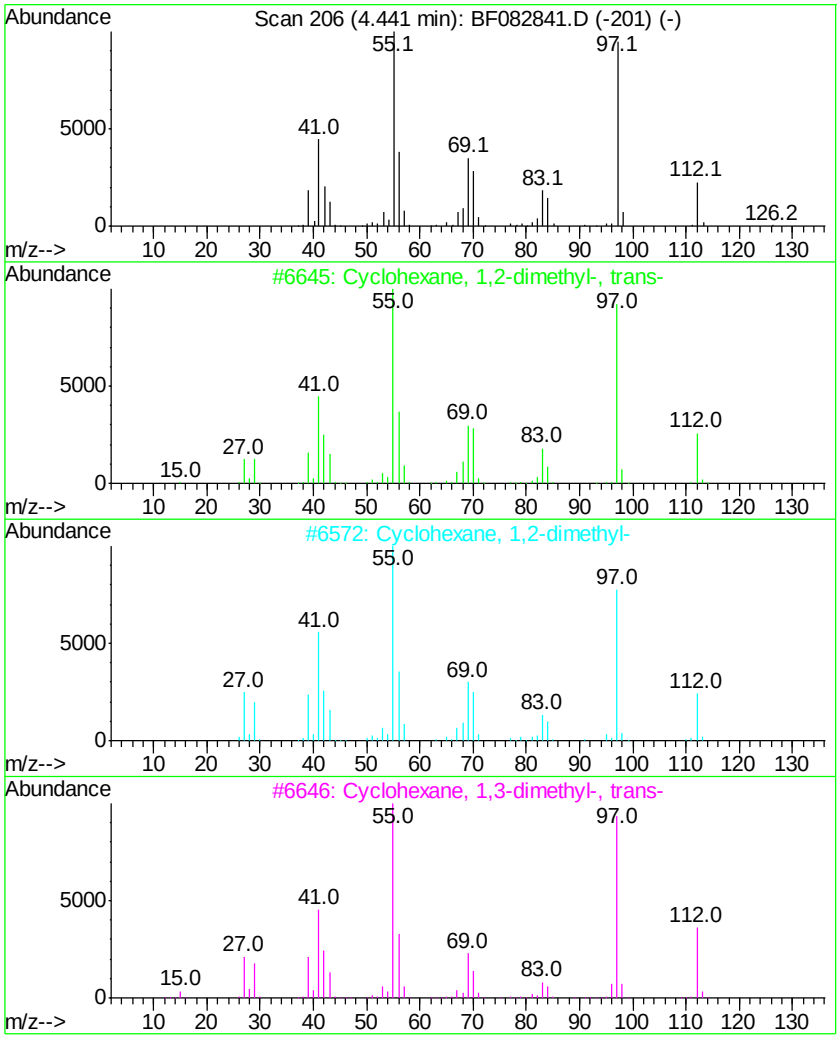
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

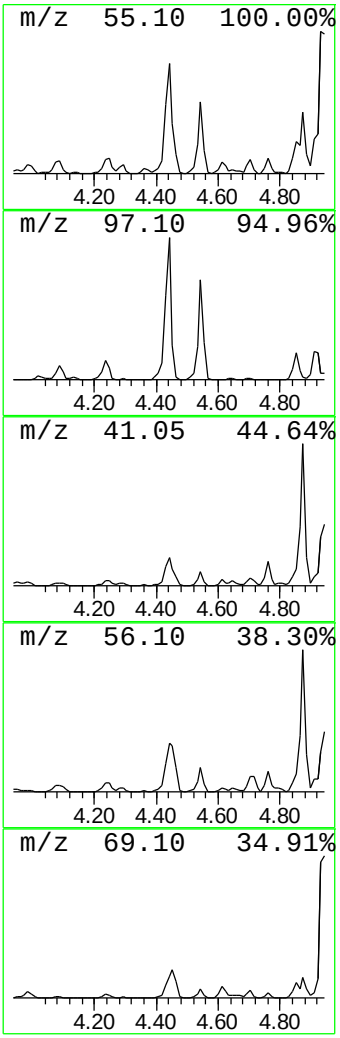
****

Peak Number 1 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	18.17 ng	1433630	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

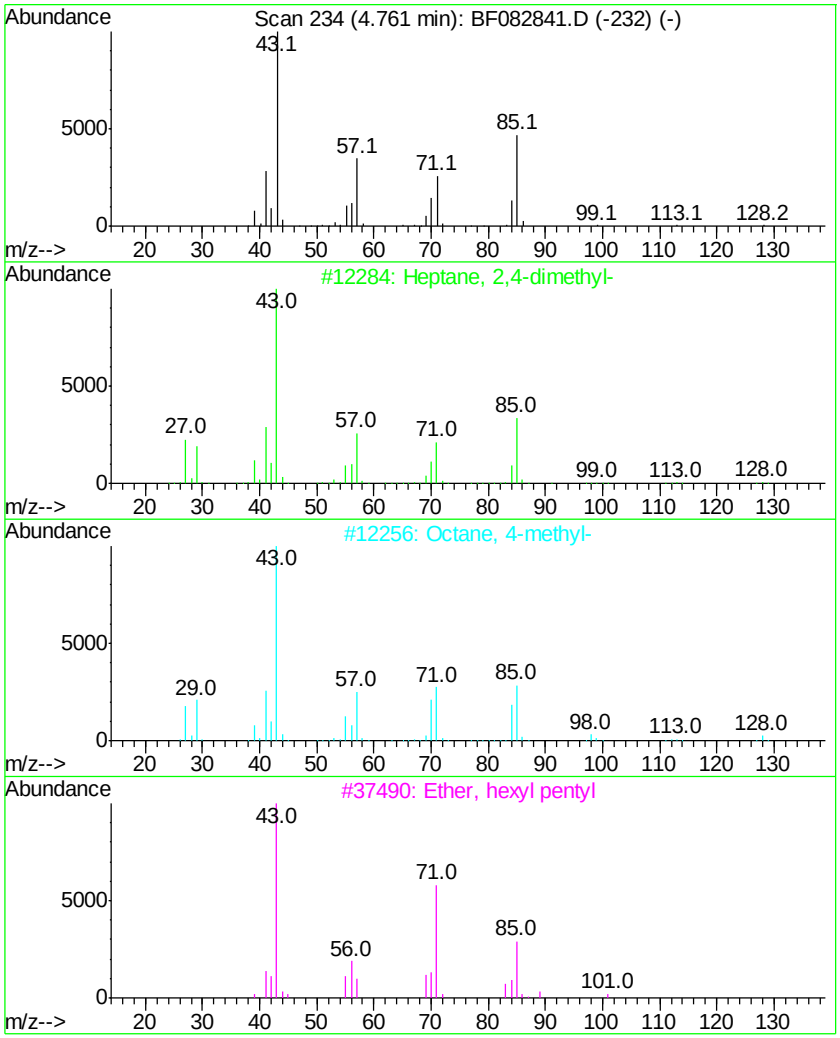
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

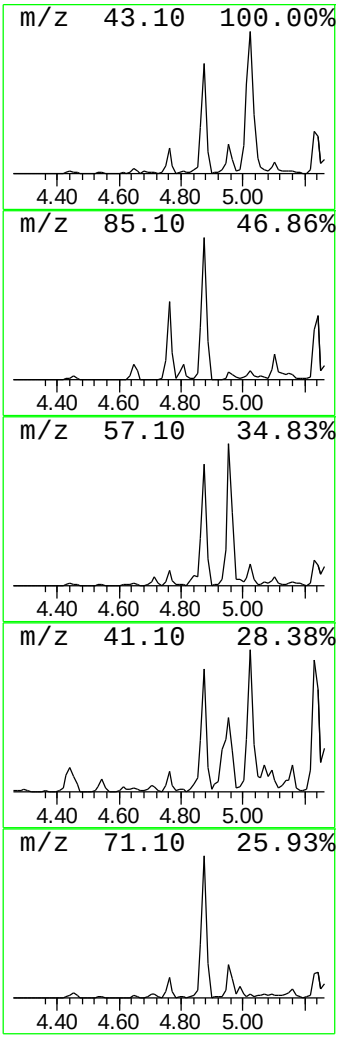
****

Peak Number 2 Heptane, 2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	8.20 ng	646856	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	72
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

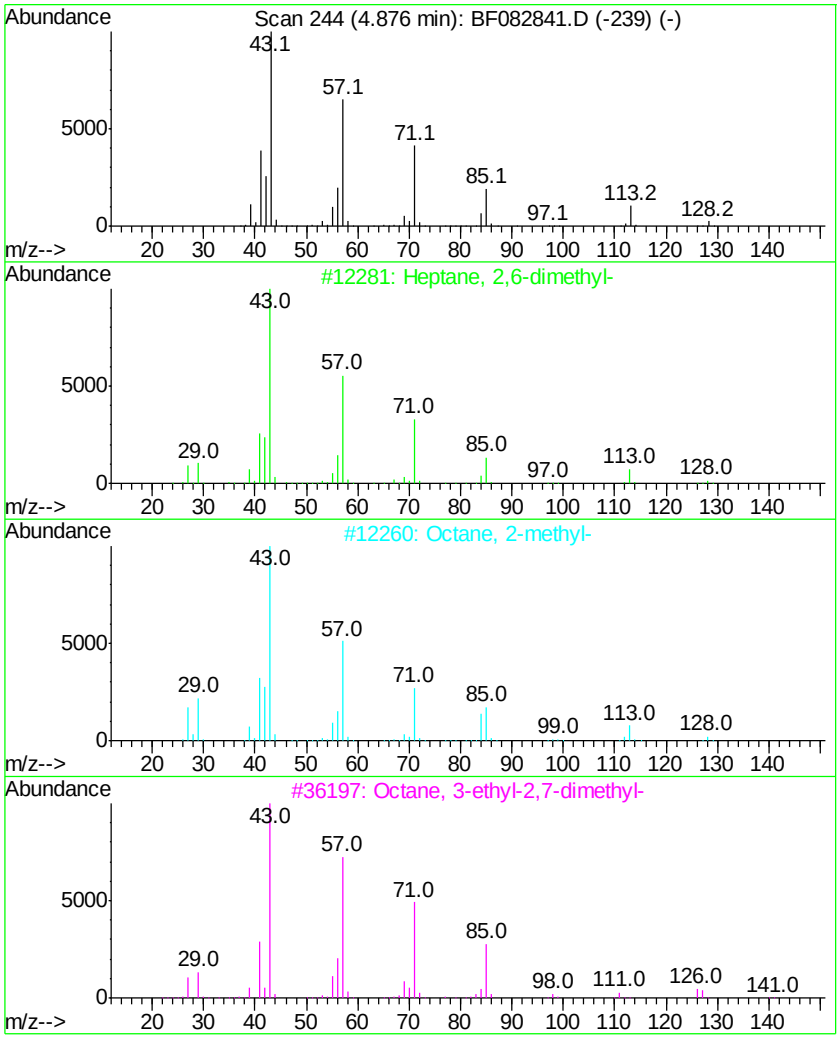
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

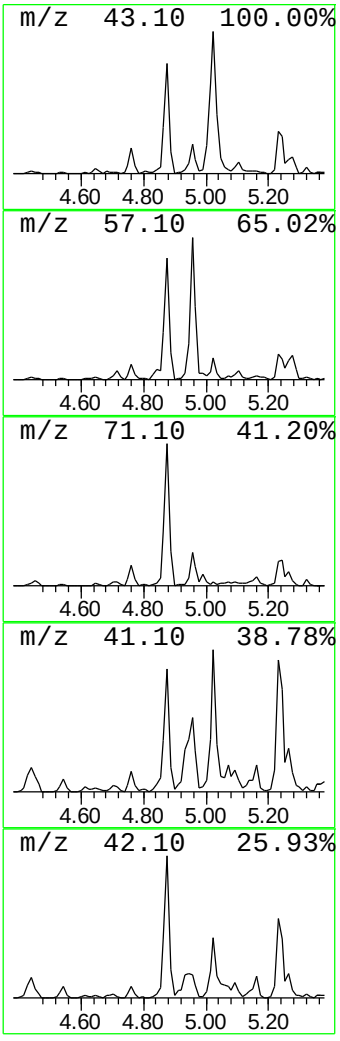
****

Peak Number 3 Heptane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	50.44 ng	3979700	1,4-Dichlorobenzene-d4	6.83

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	81
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5	Nonane	128	C9H20	000111-84-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

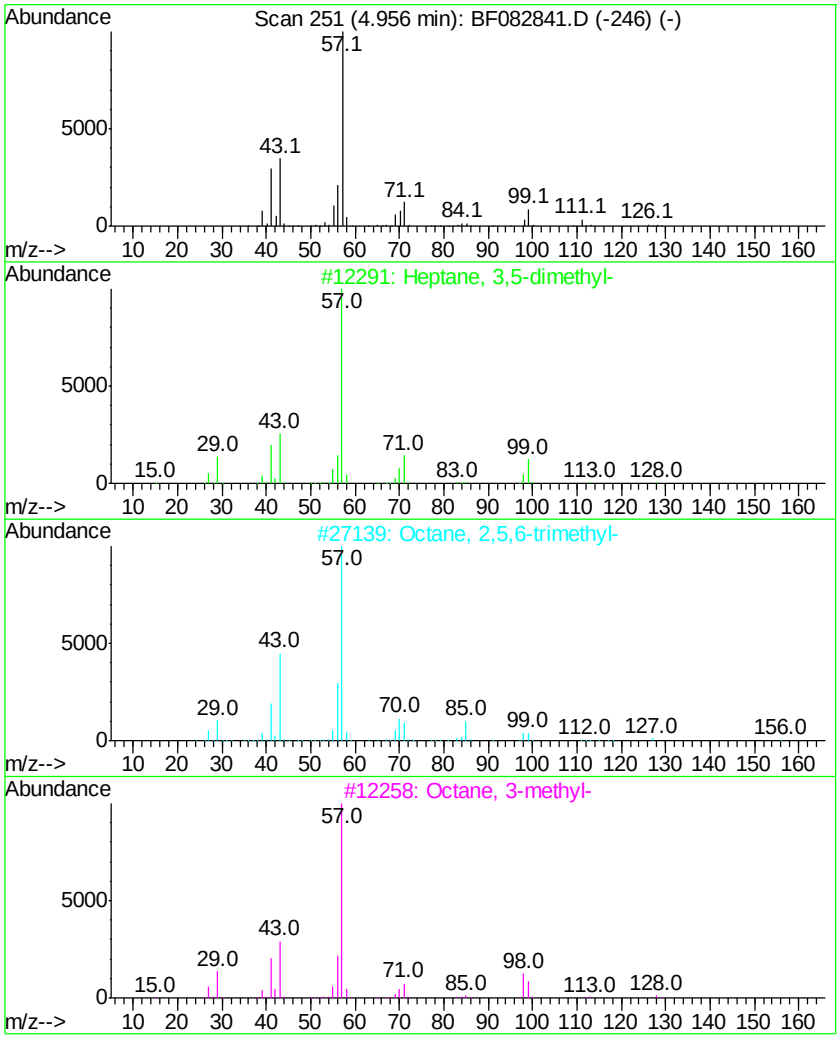
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

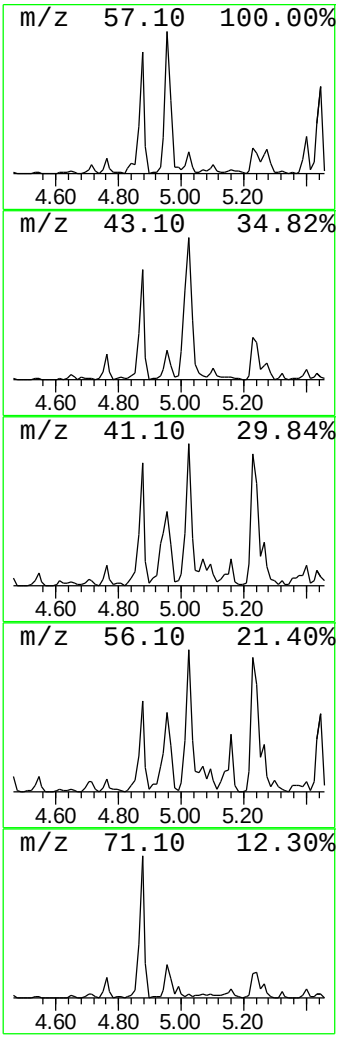
****

Peak Number 4 Heptane, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	52.13 ng	4112920	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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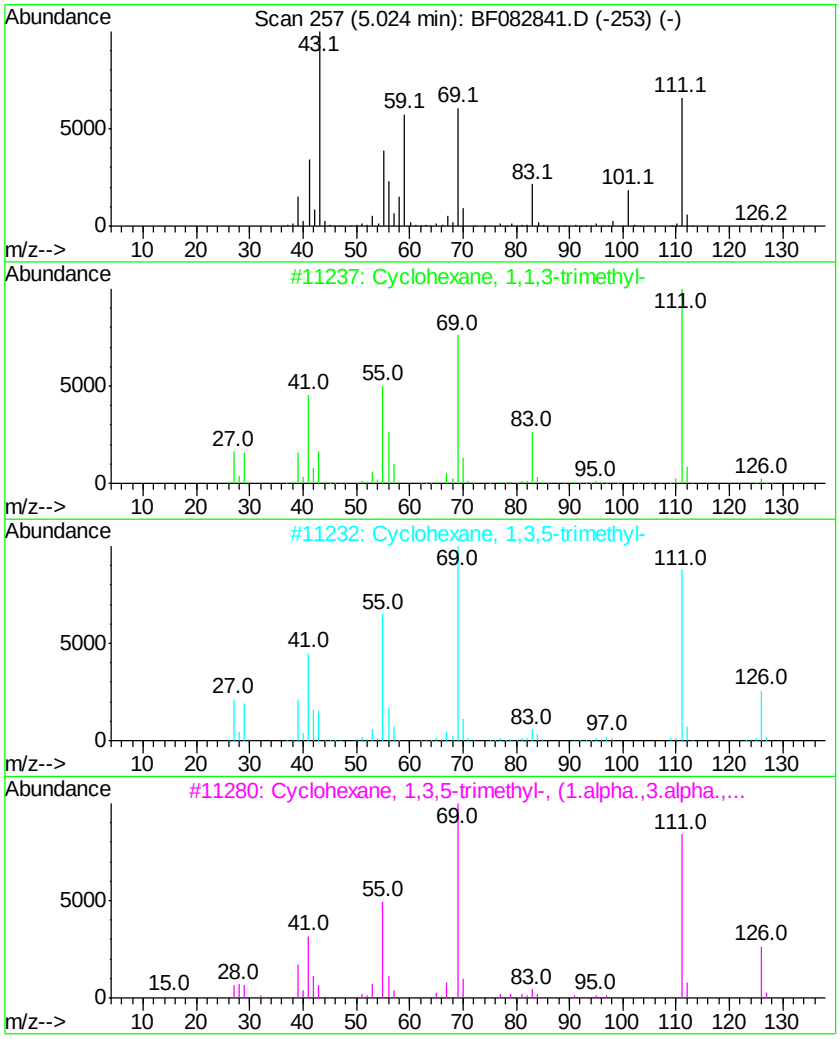
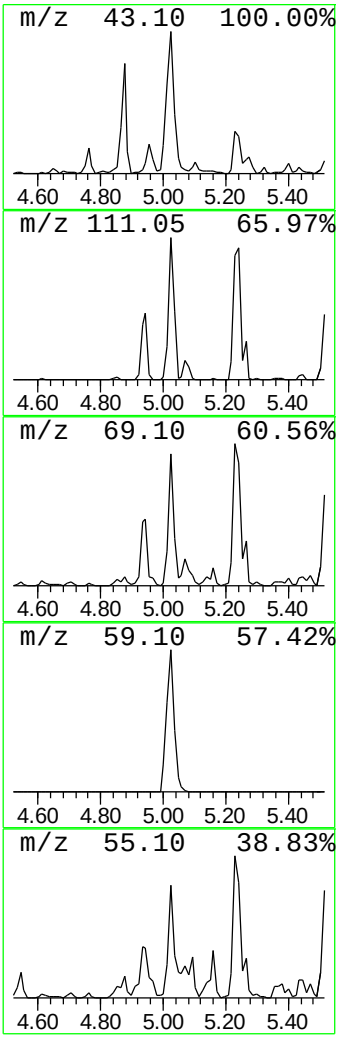
Peak Number 5 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	98.80 ng	7794320	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	32
5	3-Octanol	130	C8H18O	000589-98-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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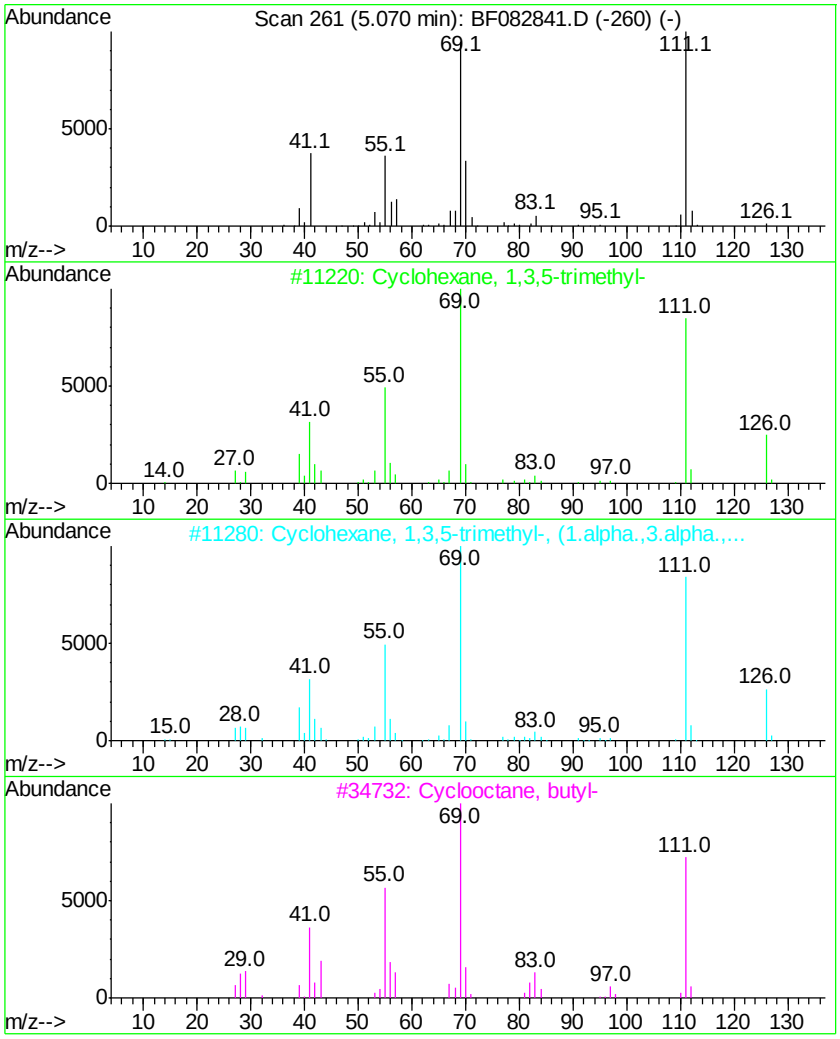
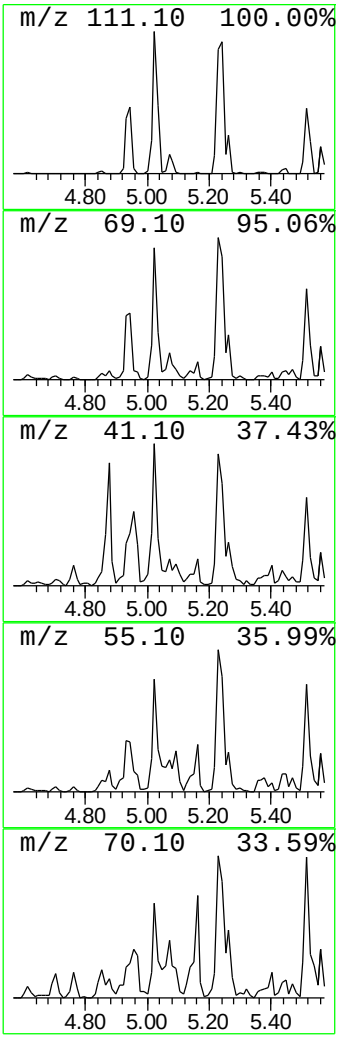
Peak Number 6 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	18.48 ng	1458230	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	56
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

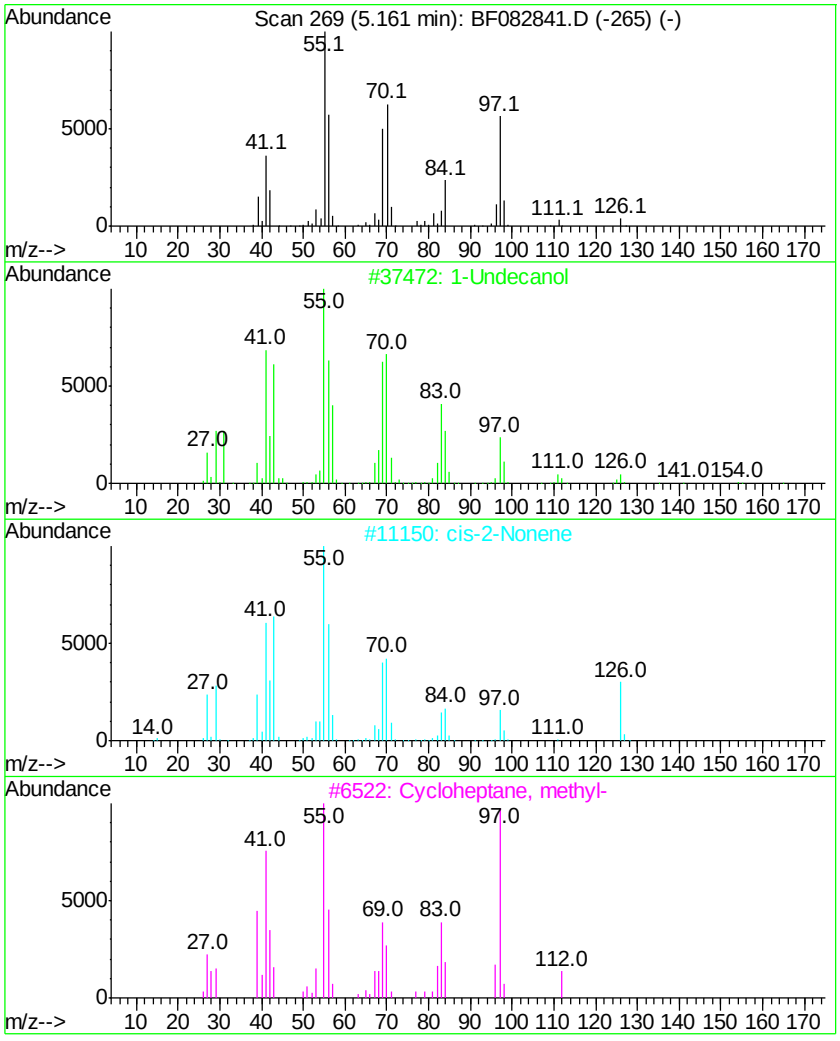
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

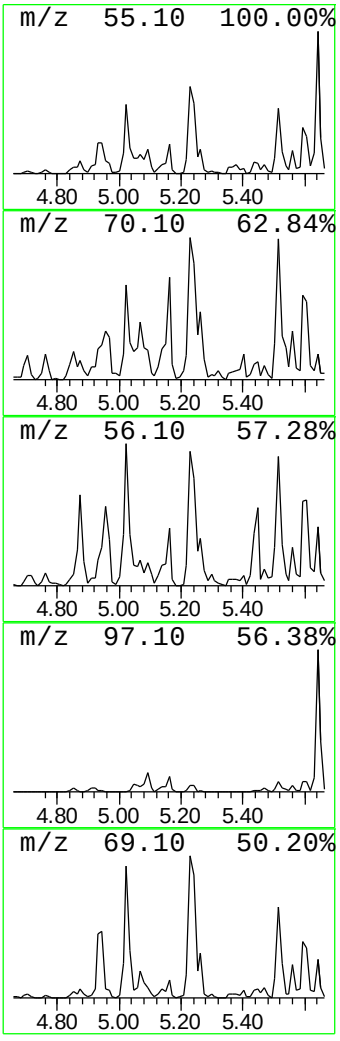
****

Peak Number 7 1-Undecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	16.70 ng	1317370	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol	172	C11H24O	000112-42-5	64
2	cis-2-Nonene	126	C9H18	006434-77-1	64
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	59
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
5	1-Octene, 6-methyl-	126	C9H18	013151-10-5	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

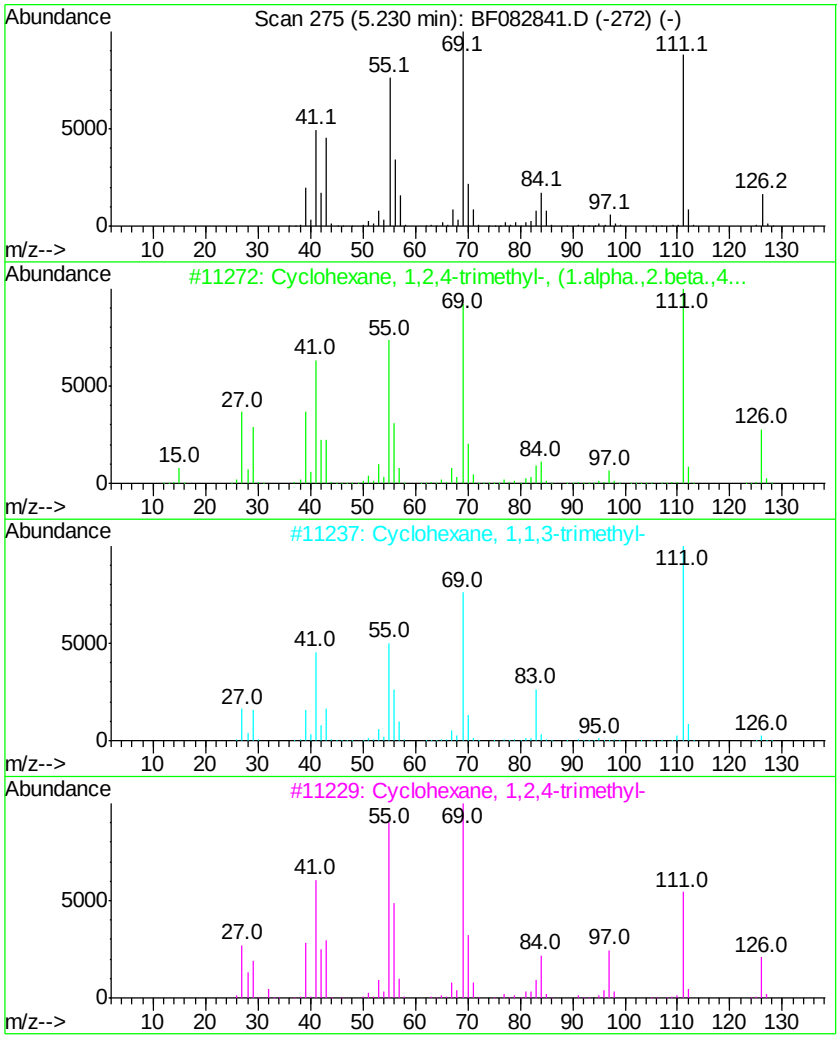
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

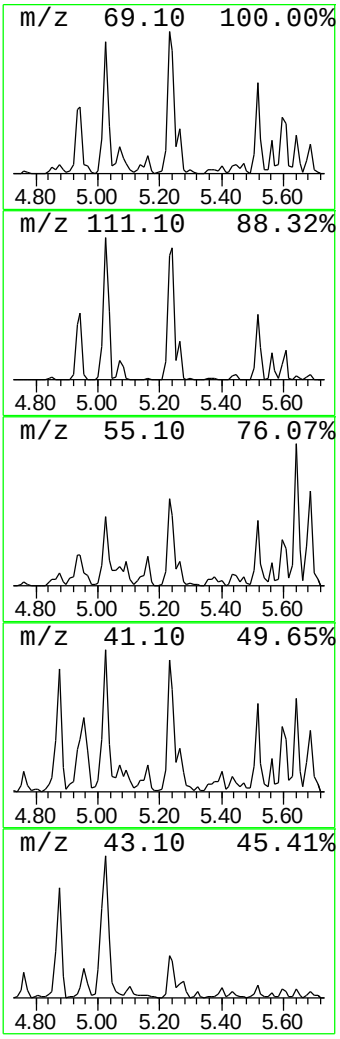
****

Peak Number 8 Cyclohexane, 1,2,4-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	79.46 ng	6269120	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	59
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43





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Data File : BF082841.D
Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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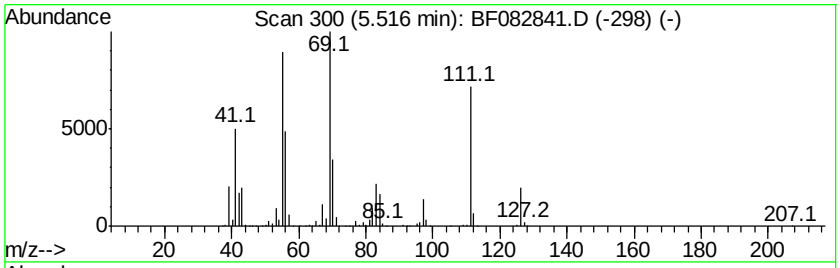
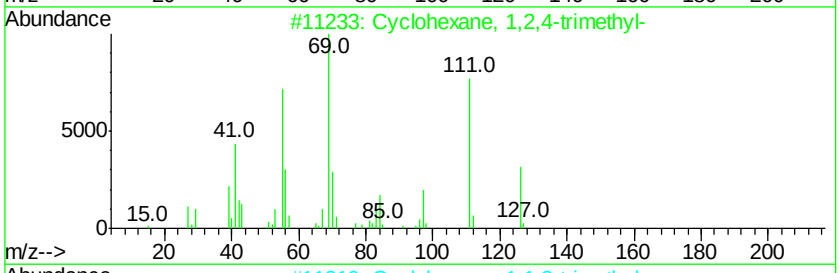
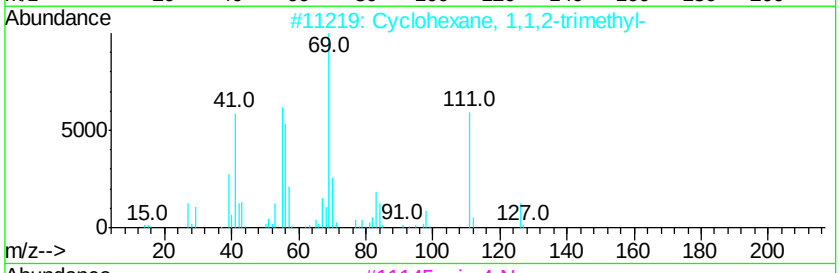
Peak Number 9 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 8

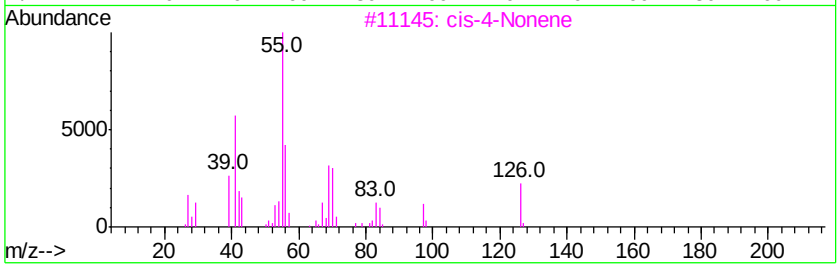
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	41.64 ng	3285090	1,4-Dichlorobenzene-d4	6.83

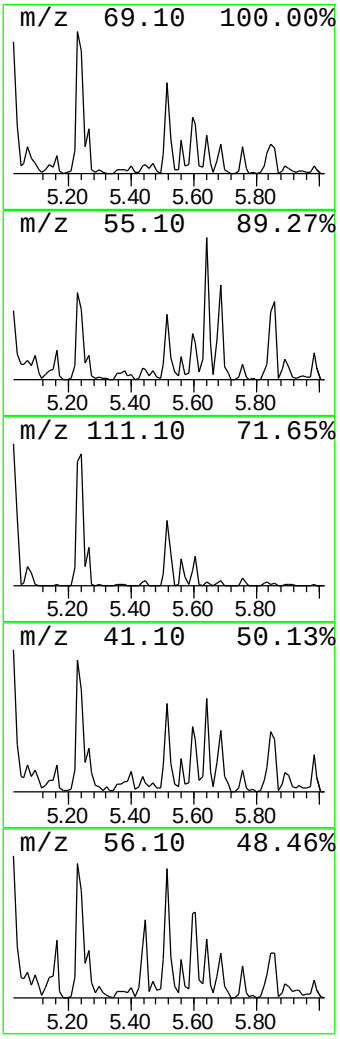
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
3	cis-4-Nonene	126	C9H18	010405-84-2	64
4	2-Nonene, (E)-	126	C9H18	006434-78-2	62
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58











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Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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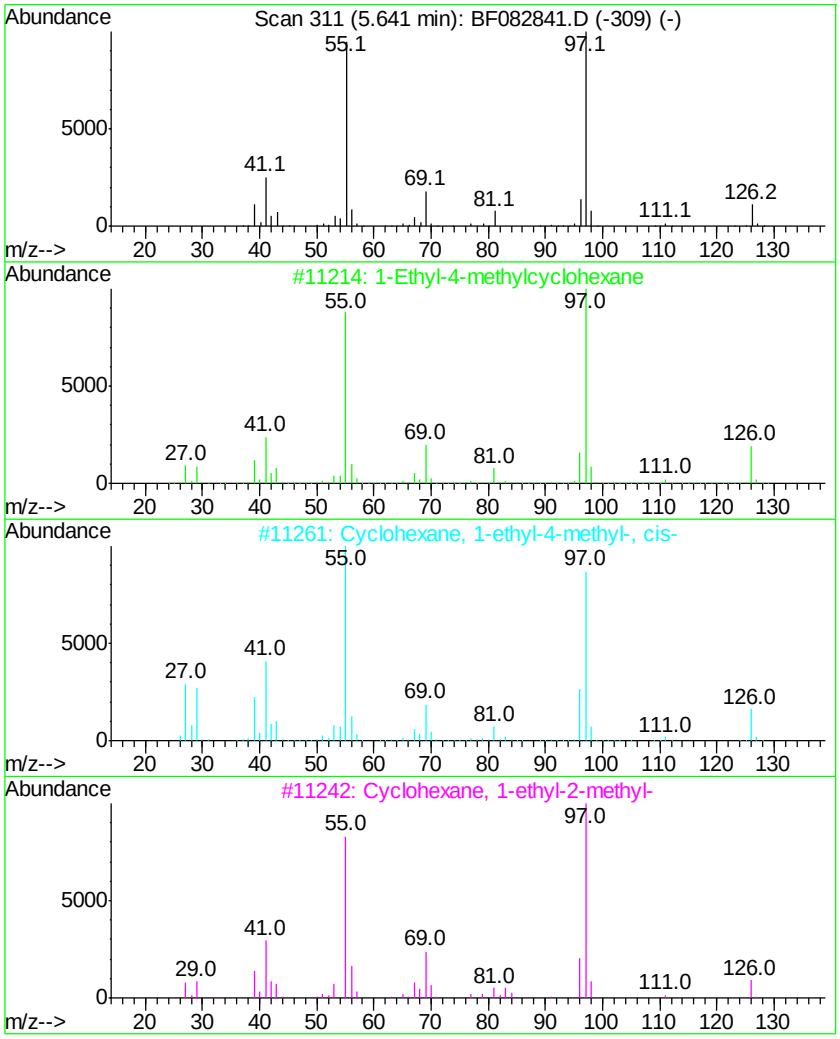
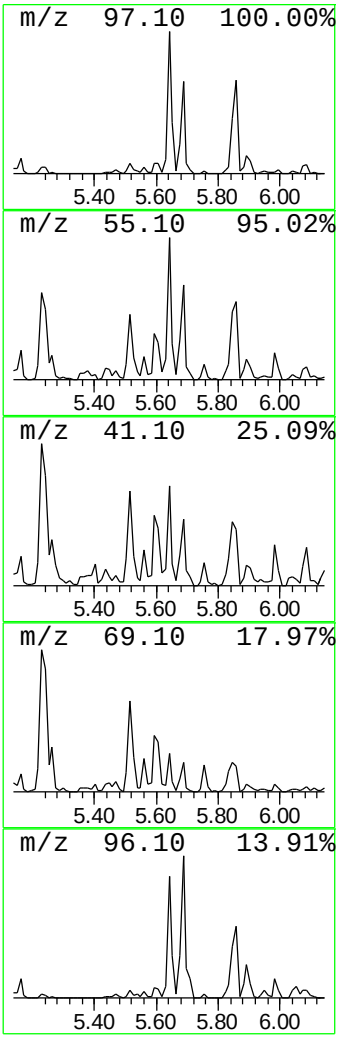
Peak Number 12 1-Ethyl-4-methylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	40.67 ng	3208240	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
4	4-Octen-3-one	126	C8H14O	014129-48-7	72
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72





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Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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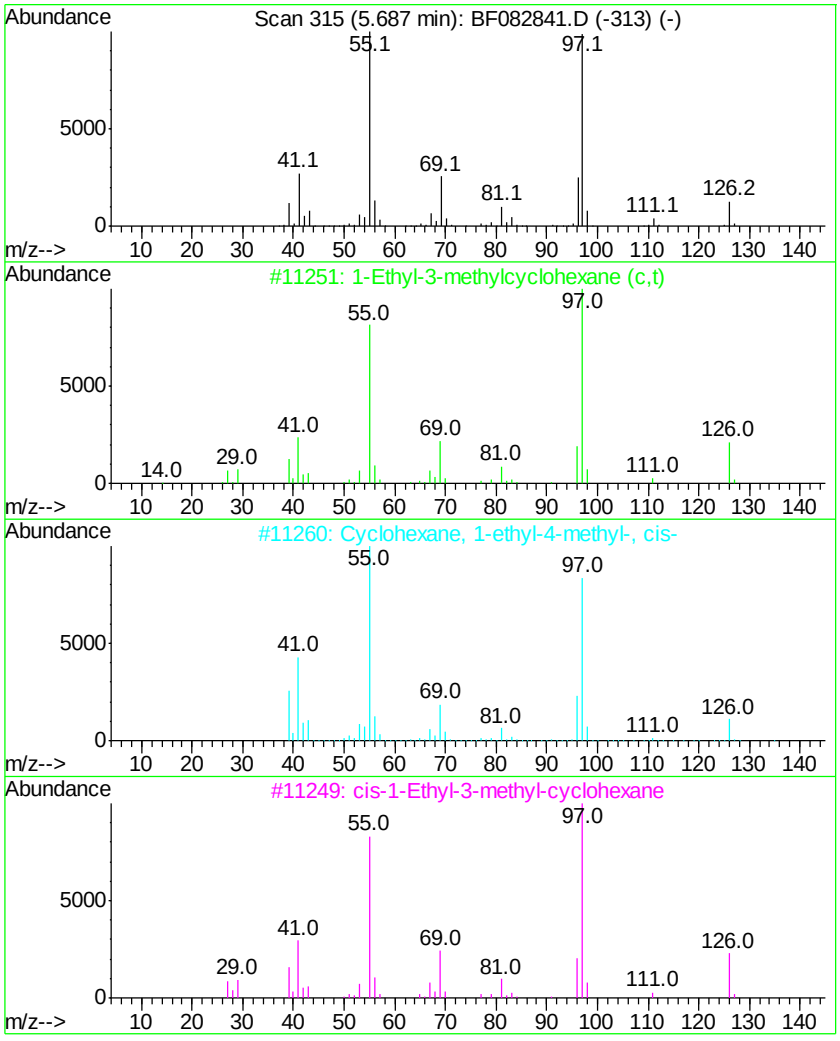
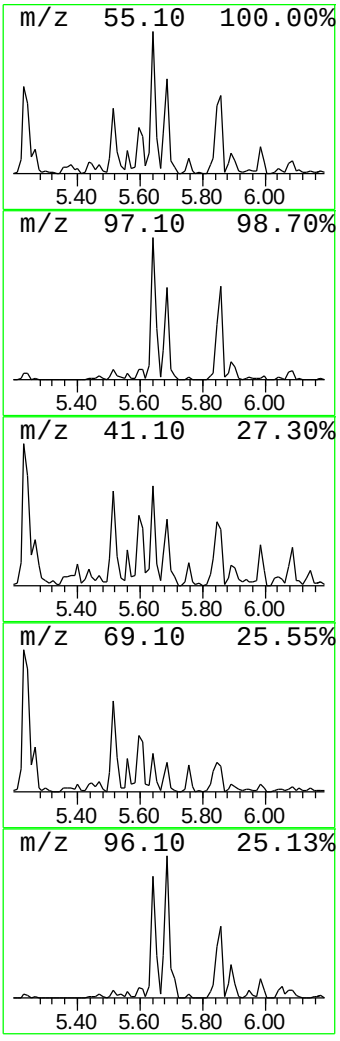
Peak Number 13 1-Ethyl-3-methylcyclohexane... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	35.90 ng	2831890	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87





Library Search Compound Report

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Data File : BF082841.D
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Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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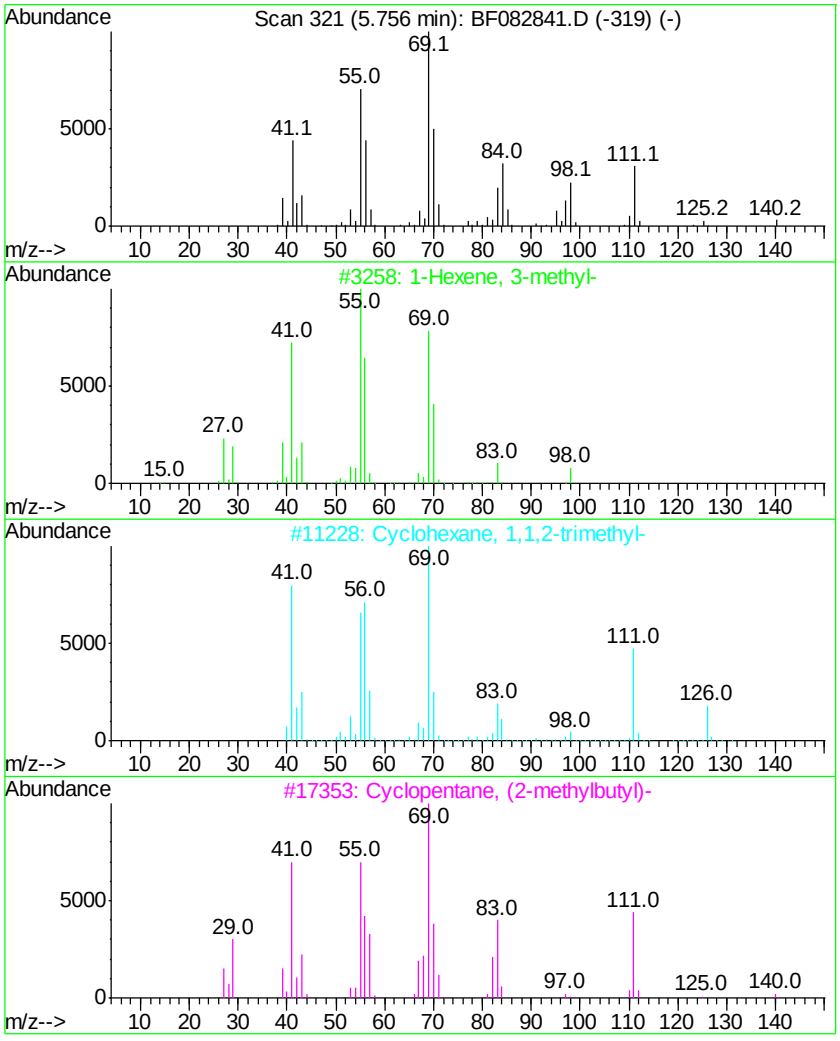
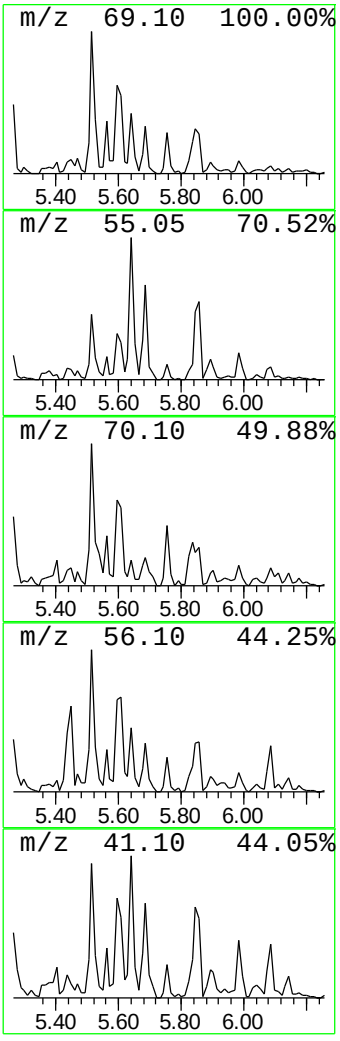
Peak Number 14 1-Hexene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	8.63 ng	680682	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	76
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	50
4	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	50
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	49





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Sample : G4303-04
Misc :
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ClientSampleId : TPNT3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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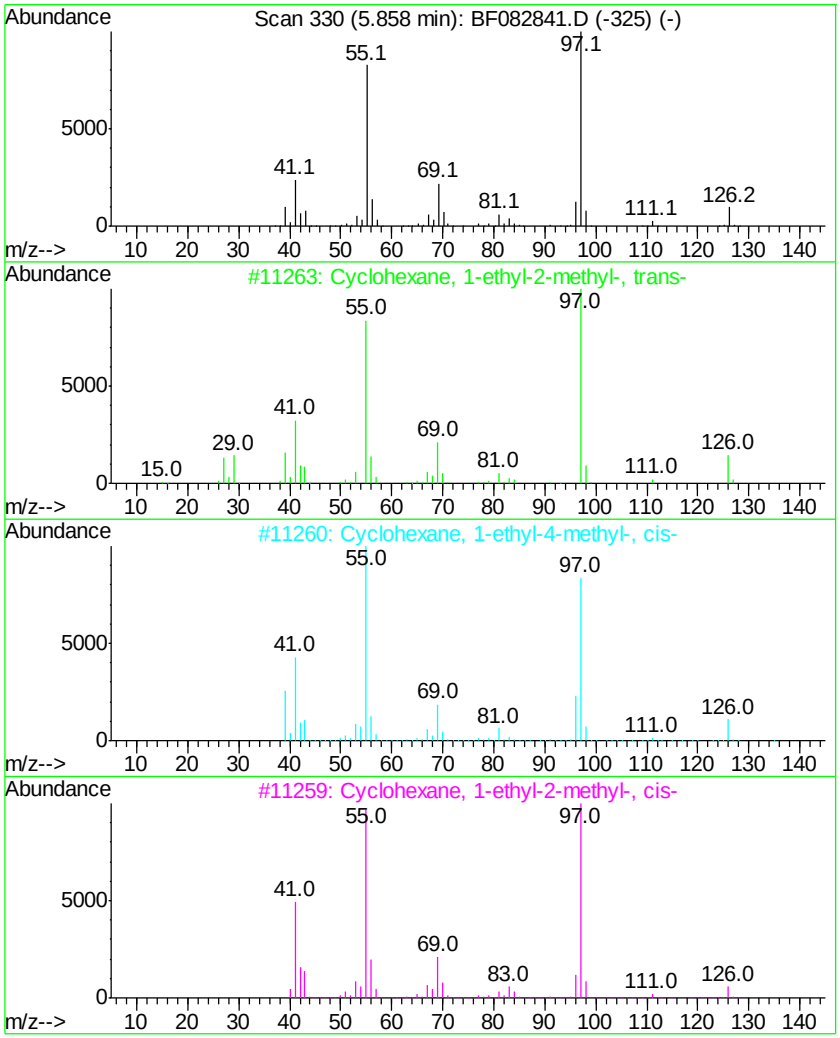
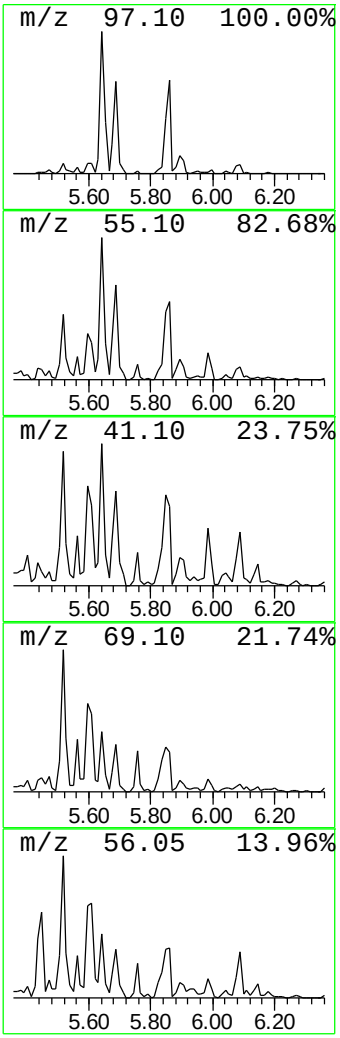
Peak Number 15 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	44.31 ng	3495850	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80





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Sample : G4303-04
Misc :
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Instrument : BNA_F
ClientSampleId : TPNT3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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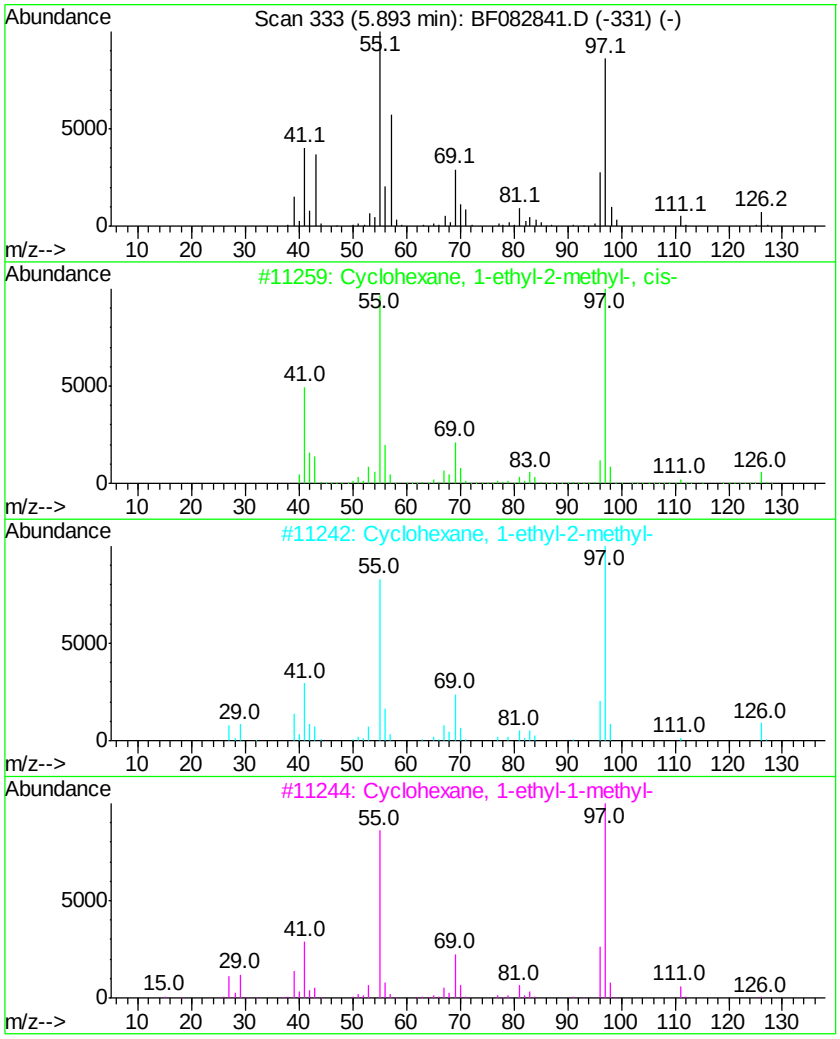
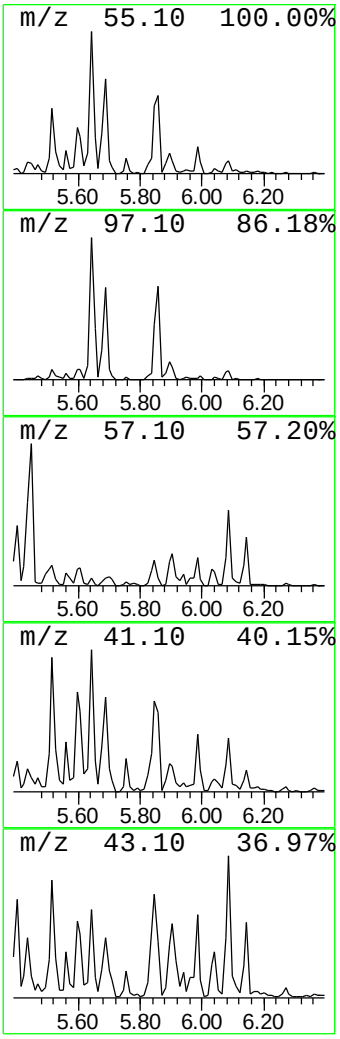
Peak Number 16 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	13.44 ng	1060670	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	86
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64





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Acq On : 9 Nov 2015 20:53
Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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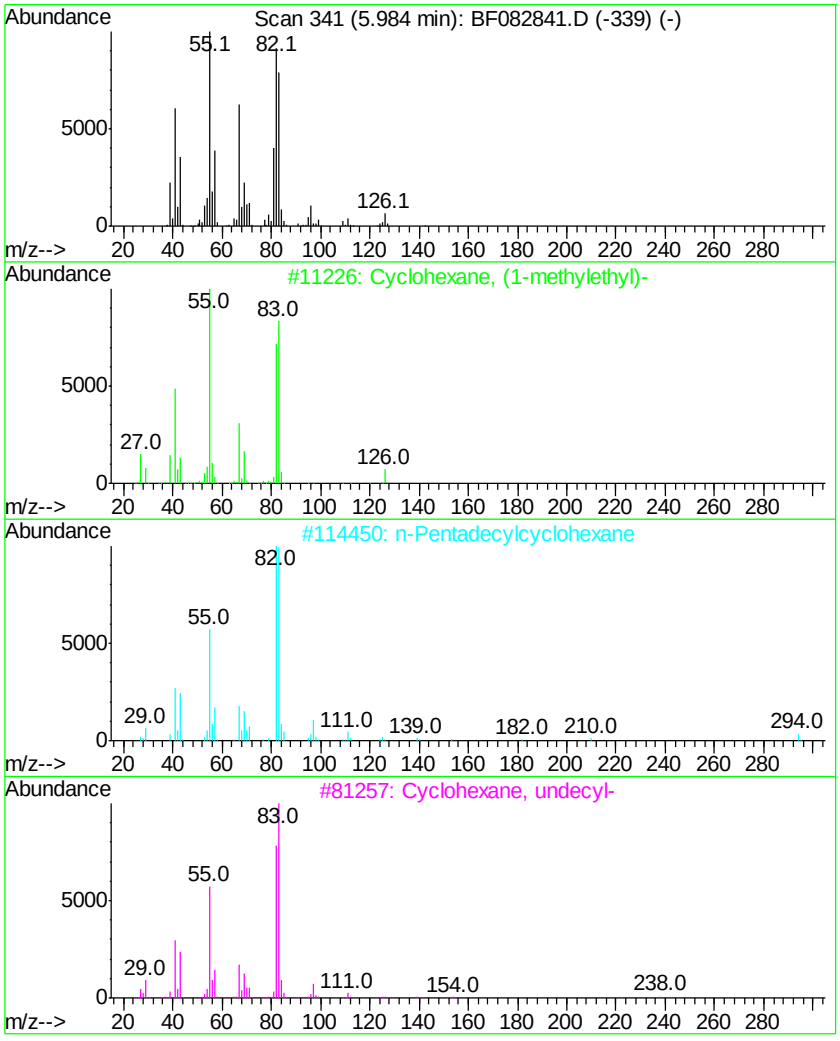
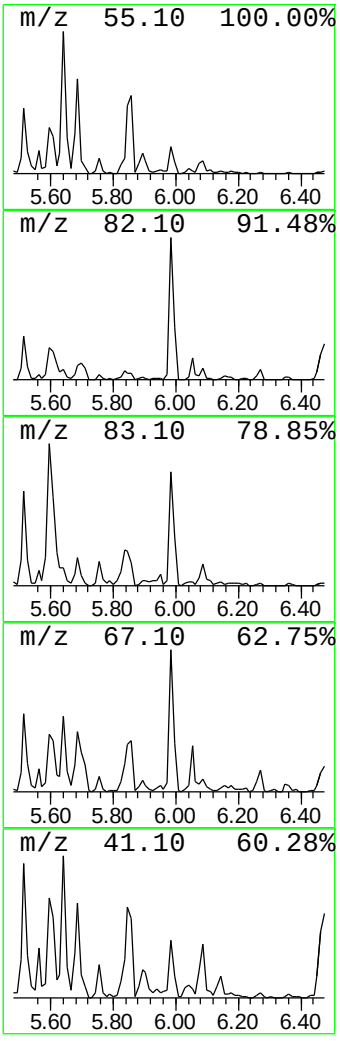
Peak Number 17 Cyclohexane, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	15.48 ng	1221530	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
2	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	64
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	53
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	46





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Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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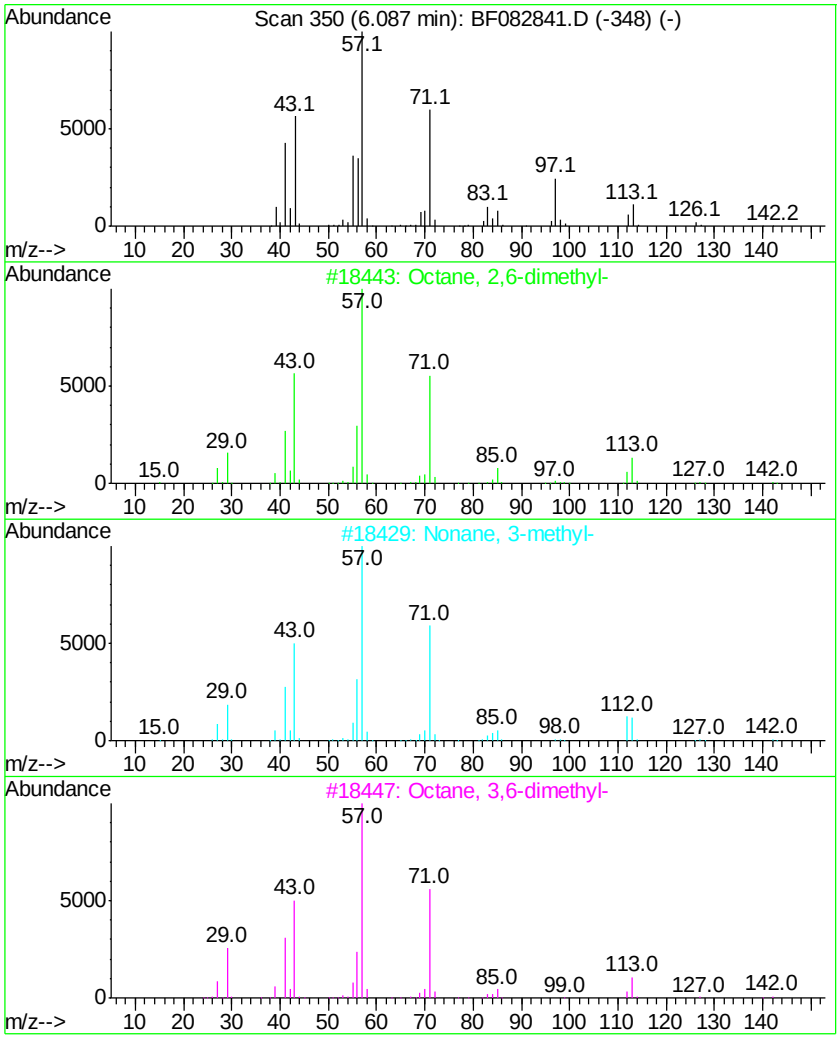
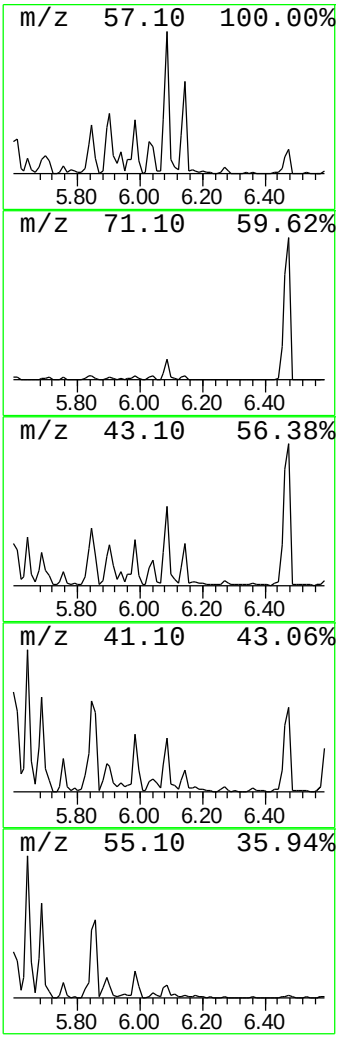
Peak Number 18 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	14.90 ng	1175570	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50





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Sample : G4303-04
Misc :
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Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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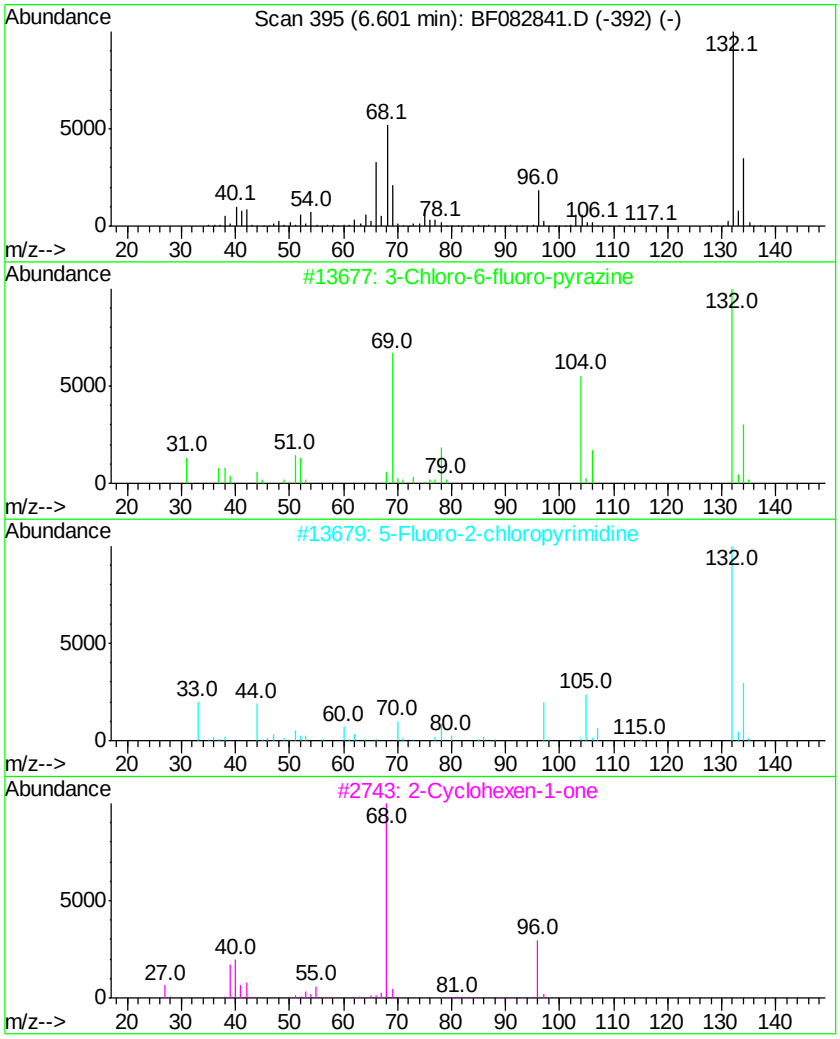
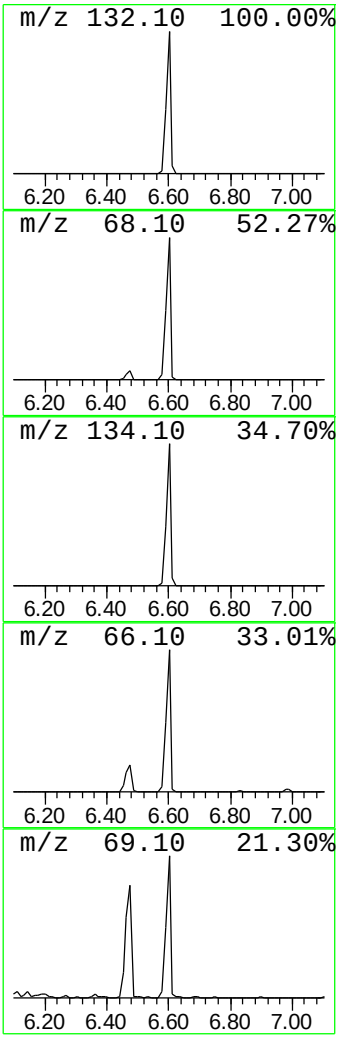
Peak Number 19 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	96.30 ng	7597440	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Tentatively Identified Compound (LSC) summary

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Operator : UM/IZ
Sample : G4303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPNT3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1,2-...	4.44	18.2	ng	1433630	1	6.83	1577870	20.0
Heptane, 2,4-dime...	4.76	8.2	ng	646856	1	6.83	1577870	20.0
Heptane, 2,6-dime...	4.88	50.4	ng	3979700	1	6.83	1577870	20.0
Heptane, 3,5-dime...	4.96	52.1	ng	4112920	1	6.83	1577870	20.0
Cyclohexane, 1,1,...	5.02	98.8	ng	7794320	1	6.83	1577870	20.0
Cyclohexane, 1,3,...	5.07	18.5	ng	1458230	1	6.83	1577870	20.0
1-Undecanol	5.16	16.7	ng	1317370	1	6.83	1577870	20.0
Cyclohexane, 1,2,...	5.23	79.5	ng	6269120	1	6.83	1577870	20.0
Cyclohexane, 1,2,...	5.52	41.6	ng	3285090	1	6.83	1577870	20.0
1-Ethyl-4-methylc...	5.64	40.7	ng	3208240	1	6.83	1577870	20.0
1-Ethyl-3-methylc...	5.69	35.9	ng	2831890	1	6.83	1577870	20.0
1-Hexene, 3-methyl-	5.76	8.6	ng	680682	1	6.83	1577870	20.0
Cyclohexane, 1-et...	5.86	44.3	ng	3495850	1	6.83	1577870	20.0
Cyclohexane, 1-et...	5.89	13.4	ng	1060670	1	6.83	1577870	20.0
Cyclohexane, (1-m...	5.98	15.5	ng	1221530	1	6.83	1577870	20.0
Octane, 2,6-dimet...	6.09	14.9	ng	1175570	1	6.83	1577870	20.0
unknown6.60	6.60	96.3	ng	7597440	1	6.83	1577870	20.0