LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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	3.607	125	133	134	rBV	89033	232758	4.15%	0.280%
2	3.767	142	147	151	rBV	159234	330783	5.90%	0.398%
3	3.927	155	161	164	rBV	212480	395450	7.05%	0.476%
4	3.984	164	166	169	rVV	89071	122516	2.19%	0.147%
5	4.098	171	176	178	rBV2	55143	119746	2.14%	0.144%
6	4.155	178	181	184	rVB	62791	121400	2.17%	0.146%
7	4.304	191	194	198	rVV2	273041	440174	7.85%	0.530%
8	4.418	198	204	207	rVB	123720	173668	3.10%	0.209%
9	4.601	216	220	222	rBV2	63025	132256	2.36%	0.159%
10	4.647	222	224	226	rBV	149784	177949	3.17%	0.214%
11	4.727	229	231	232	rBV	59047	93213	1.66%	0.112%
12	4.761	232	234	236	rVB	410108	427721	7.63%	0.515%
13	4.818	236	239	240	rBV2	93142	195358	3.48%	0.235%
14	4.853	240	242	245	rVB	629215	766844	13.68%	0.923%
15	4.921	245	248	251	rBV	2068949	3238663	57.77%	3.897%
16	5.058	256	260	262	rVV	101089	166505	2.97%	0.200%
17	5.127	264	266	268	rVV	516713	705386	12.58%	0.849%
18	5.184	268	271	273	rVV2	130329	279103	4.98%	0.336%
19	5.230	273	275	280	rVV2	630365	1000190	17.84%	1.203%
20	5.333	280	284	285	rVV	860622	1206381	21.52%	1.451%
21	5.367	285	287	289	rVV	4784498	4944727	88.20%	5.949%
22	5.413	289	291	295	rVV4	138107	273938	4.89%	0.330%
23	5.504	297	299	301	rVV	349990	442069	7.89%	0.532%
24	5.550	301	303	305	rVV	600484	534110	9.53%	0.643%
25	5.596	305	307	310	rVB2	312000	450212	8.03%	0.542%
26	5.653	310	312	315	rBV2	307325	407642	7.27%	0.490%
27	5.767	318	322	324	rBV2	439973	694829	12.39%	0.836%
28	5.824	324	327	331	rBV3	314605	721005	12.86%	0.867%
29	5.904	331	334	336	rVB2	913715	992997	17.71%	1.195%
30	5.961	336	339	341	rBV2	350969	525922	9.38%	0.633%
31	6.007	341	343	346	rVV	1447193	1781345	31.78%	2.143%
32	6.064	346	348	349	rVV	725432	787881	14.05%	0.948%
33	6.087	349	350	356	rVV4	177900	509297	9.08%	0.613%
34	6.201	356	360	362	rVV	709872	1058591	18.88%	1.274%

LSC Area Percent Report

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Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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	6.259	362	365	367	rVV2	747868	1404326	25.05%	1.690%
36	6.293	367	368	372	rVV	852464	1073991	19.16%	1.292%
37	6.350	372	373	375	rVV	754009	842719	15.03%	1.014%
38	6.407	375	378	381	rVV	4502930	5217091	93.06%	6.277%
39	6.453	381	382	384	rVV	151810	171184	3.05%	0.206%
40	6.533	386	389	391	rVV	3819244	5606041	100.00%	6.745%
41	6.579	391	393	394	rVV2	208524	270282	4.82%	0.325%
42	6.601	394	395	398	rVV2	576967	671886	11.99%	0.808%
43	6.704	402	404	406	rVV3	198392	487247	8.69%	0.586%
44	6.750	406	408	410	rVV	1332311	1446559	25.80%	1.740%
45	6.784	410	411	413	rVV2	876845	733286	13.08%	0.882%
46	6.830	413	415	416	rVV	246577	377058	6.73%	0.454%
47	6.864	416	418	419	rVV2	128513	226669	4.04%	0.273%
48	6.910	419	422	424	rVV	4431183	4369014	77.93%	5.257%
49	6.944	424	425	427	rVV	147503	157258	2.81%	0.189%
50	7.001	427	430	432	rVV3	206410	437391	7.80%	0.526%
51	7.047	432	434	435	rVV2	490297	616801	11.00%	0.742%
52	7.081	435	437	438	rVV	546171	535848	9.56%	0.645%
53	7.116	438	440	442	rVV	351481	510729	9.11%	0.614%
54	7.161	442	444	445	rVV2	421814	555156	9.90%	0.668%
55	7.184	445	446	449	rVV2	76014	137817	2.46%	0.166%
56	7.253	449	452	453	rVV3	101187	186846	3.33%	0.225%
57	7.322	453	458	459	rVV	3400932	4074659	72.68%	4.903%
58	7.367	459	462	464	rVV2	338176	516952	9.22%	0.622%
59	7.413	464	466	469	rVV3	205472	435563	7.77%	0.524%
60	7.482	469	472	474	rVV3	196041	320297	5.71%	0.385%
61	7.527	474	476	477	rVV2	115562	169976	3.03%	0.205%
62	7.562	477	479	482	rVV3	247562	368267	6.57%	0.443%
63	7.664	485	488	490	rVV2	196961	318404	5.68%	0.383%
64	7.744	493	495	496	rVV	178485	252953	4.51%	0.304%
65	7.779	496	498	499	rVV2	172551	269691	4.81%	0.324%
66	7.813	499	501	503	rVV2	148791	223504	3.99%	0.269%
67	7.847	503	504	508	rVB3	128420	190328	3.40%	0.229%
68	8.007	515	518	519	rVV2	67097	128090	2.28%	0.154%
69	8.042	519	521	523	rVV	1448560	1493171	26.64%	1.797%
70	8.122	525	528	529	rVV	195111	224685	4.01%	0.270%
71	8.167	529	532	534	rVB2	79619	129947	2.32%	0.156%

LSC Area Percent Report

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Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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

72	8.339	544	547	551	rVV5	57138	163905	2.92%	0.197%
73	8.476	557	559	563	rBV	164796	188992	3.37%	0.227%
74	8.647	572	574	576	rBV	83430	104846	1.87%	0.126%
75	8.956	595	601	602	rBV3	56674	137234	2.45%	0.165%
76	9.116	613	615	618	rVB	4259094	5071836	90.47%	6.102%
77	9.516	647	650	652	rBV	1598884	1405113	25.06%	1.691%
78	9.745	668	670	671	rBV	119274	132925	2.37%	0.160%
79	9.790	671	674	677	rVB	1599370	1481996	26.44%	1.783%
80	10.065	696	698	700	rVB2	108412	105320	1.88%	0.127%
81	10.236	712	713	715	rVV	203619	193584	3.45%	0.233%
82	10.465	729	733	734	rBV	134247	208364	3.72%	0.251%
83	10.579	741	743	746	rVB	3342099	3276376	58.44%	3.942%
84	10.716	753	755	759	rBV	212896	411794	7.35%	0.495%
85	10.910	769	772	774	rBV2	55172	113873	2.03%	0.137%
86	11.162	789	794	795	rVV	148606	184189	3.29%	0.222%
87	11.185	795	796	798	rVV	82412	109344	1.95%	0.132%
88	11.265	801	803	805	rVV	1044728	1397657	24.93%	1.682%
89	11.333	807	809	814	rVB2	48333	117618	2.10%	0.142%
90	11.585	829	831	834	rVB	95408	87313	1.56%	0.105%
91	12.259	888	890	894	rVV2	43485	89330	1.59%	0.107%
92	12.316	894	895	898	rVV	98074	113619	2.03%	0.137%
93	12.385	898	901	903	rVB2	74137	117456	2.10%	0.141%
94	12.865	940	943	945	rBV	5034978	5228824	93.27%	6.291%
95	13.014	954	956	961	rBV2	89571	188514	3.36%	0.227%
96	13.345	982	985	987	rVB	109566	145025	2.59%	0.174%
97	13.516	998	1000	1002	rVV	147956	139491	2.49%	0.168%
98	13.768	1020	1022	1026	rBV	138299	260948	4.65%	0.314%
99	13.905	1031	1034	1036	rVB	1205153	1370543	24.45%	1.649%
100	15.299	1153	1156	1159	rBV	800663	965329	17.22%	1.161%

Sum of corrected areas: 83113673

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
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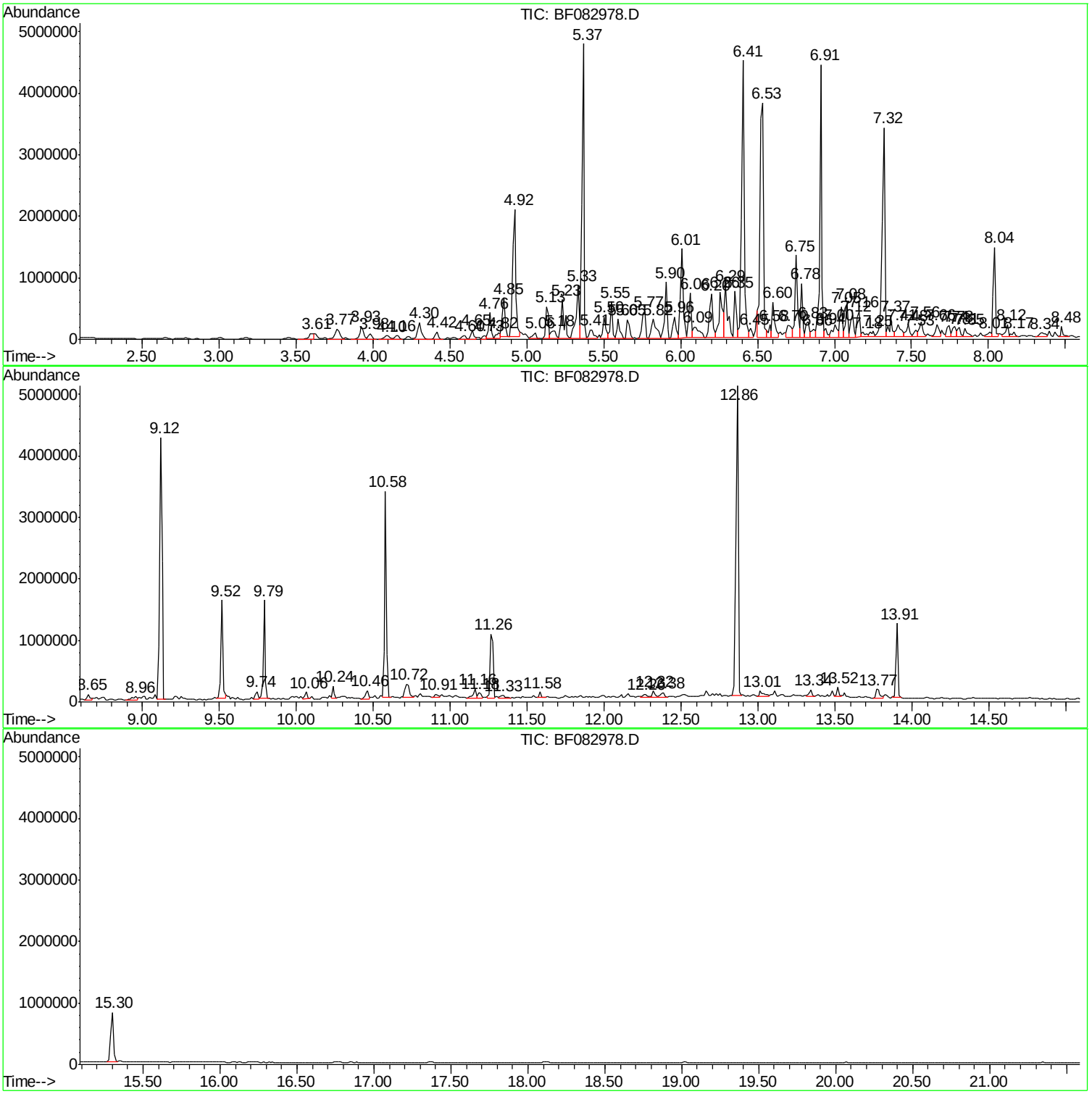
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1

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\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
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Instrument : BNA_F
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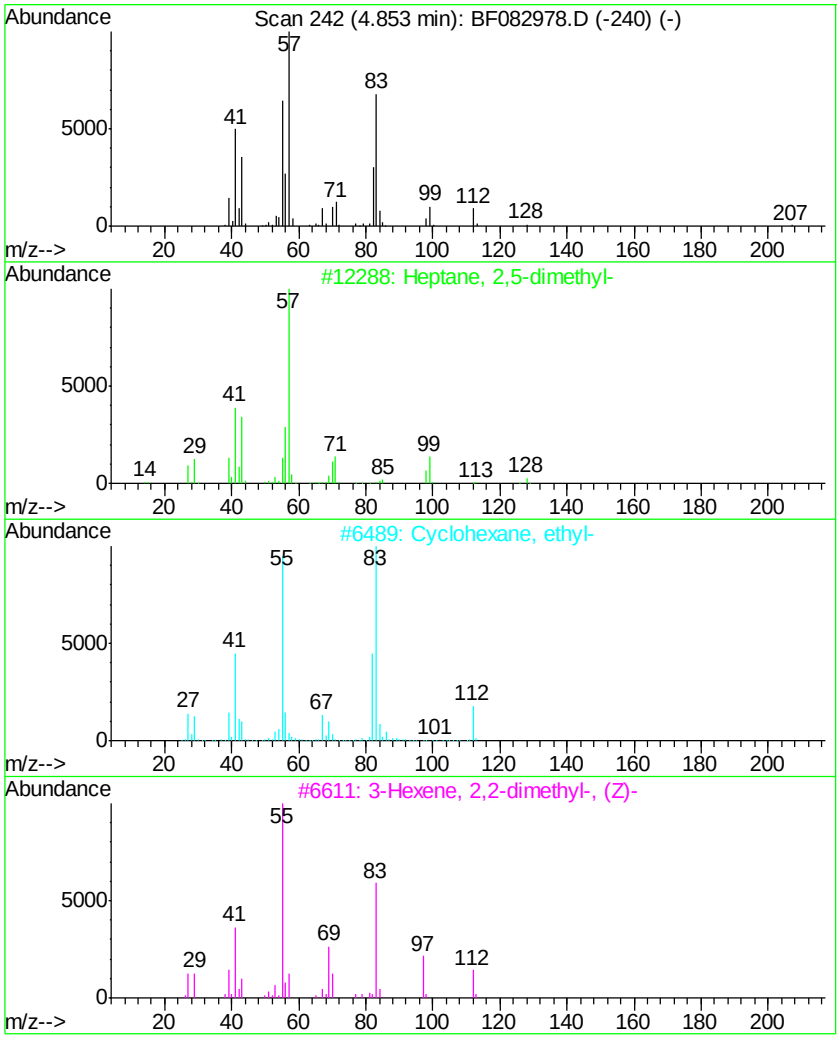
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

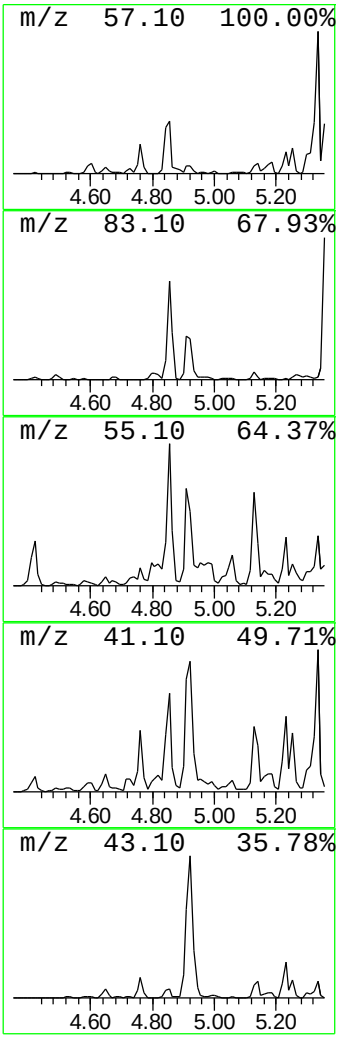
****

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	10.60 ng	766844	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	49
3	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	43
4	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	35
5	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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

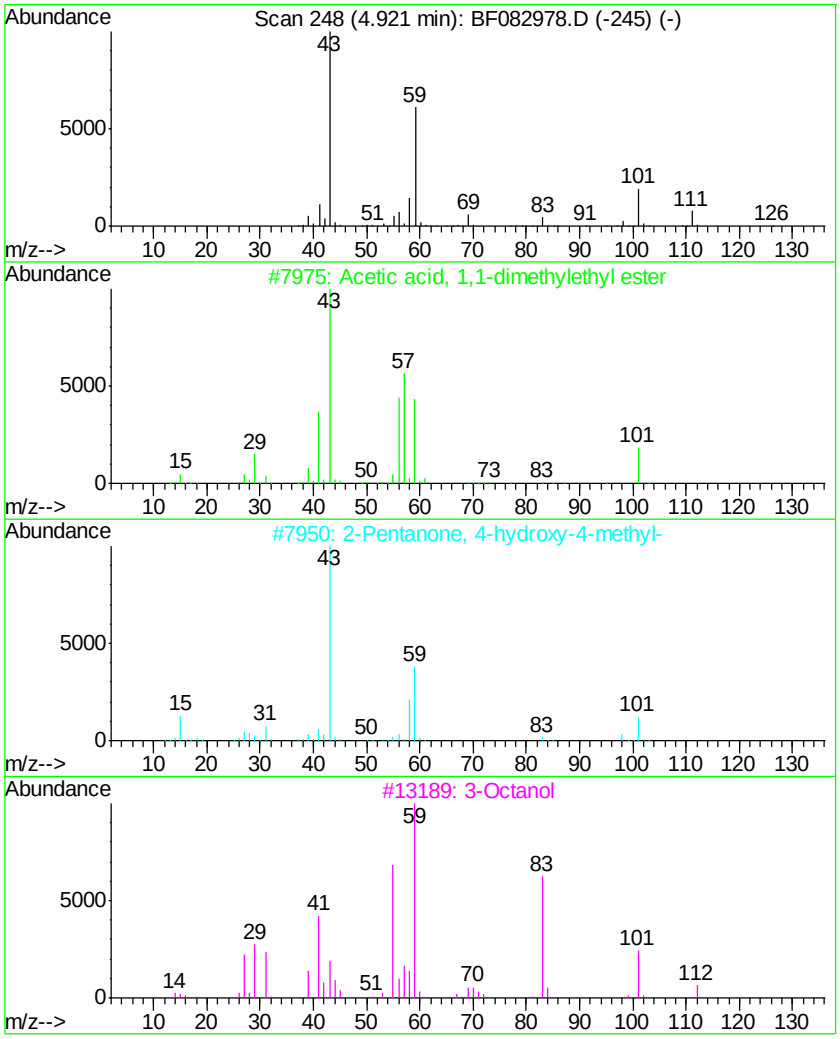
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

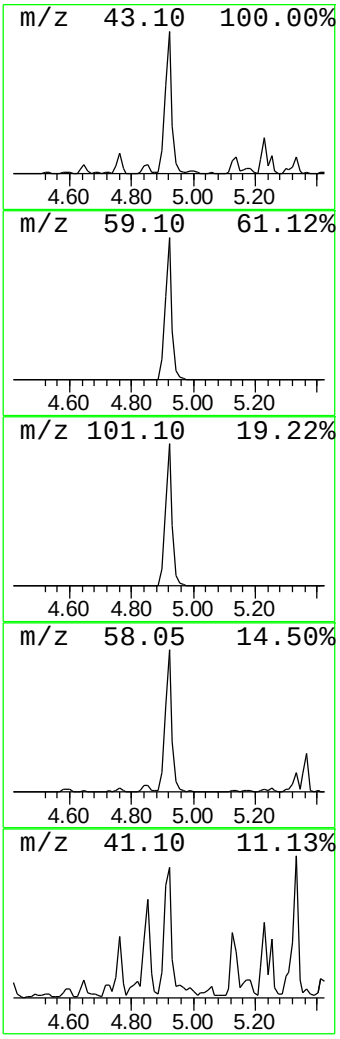
****

Peak Number 2 unknown4.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	44.78 ng	3238660	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
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Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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

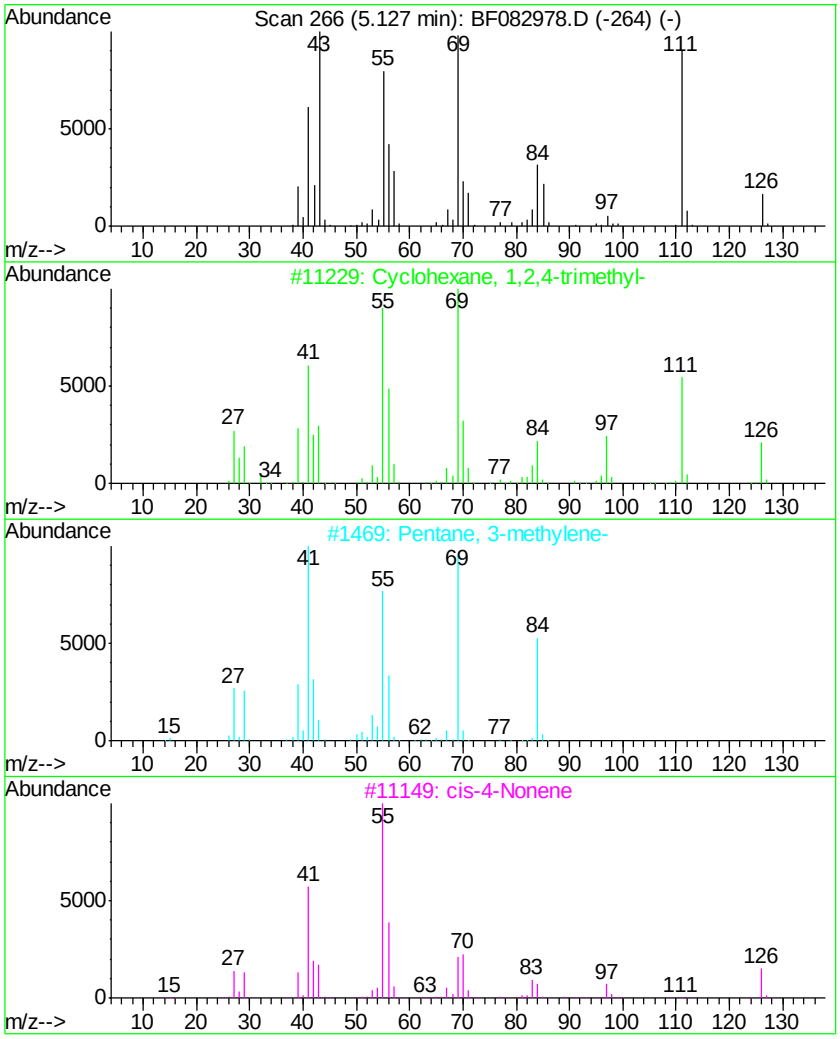
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

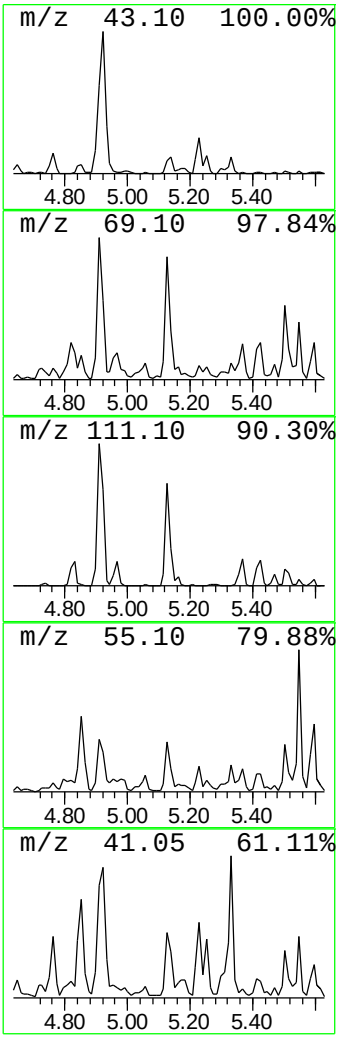
****

Peak Number 3 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	9.75 ng	705386	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	49
3	cis-4-Nonene	126	C9H18	010405-84-2	38
4	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	38
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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

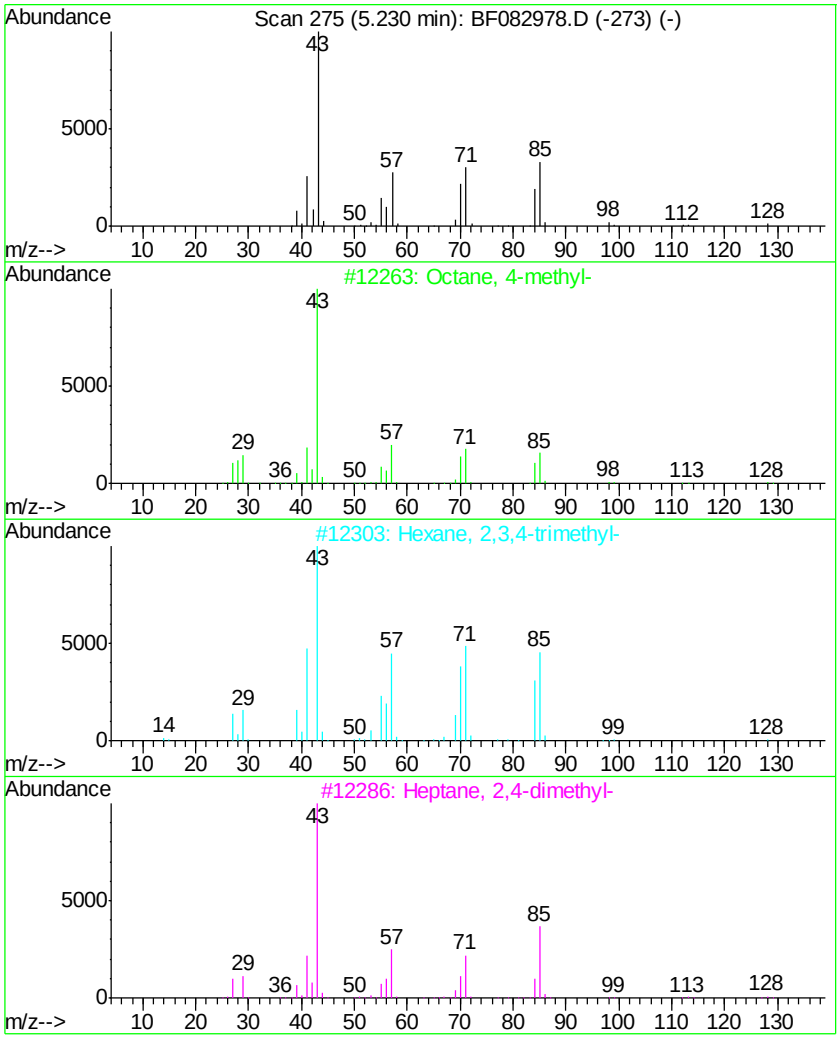
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

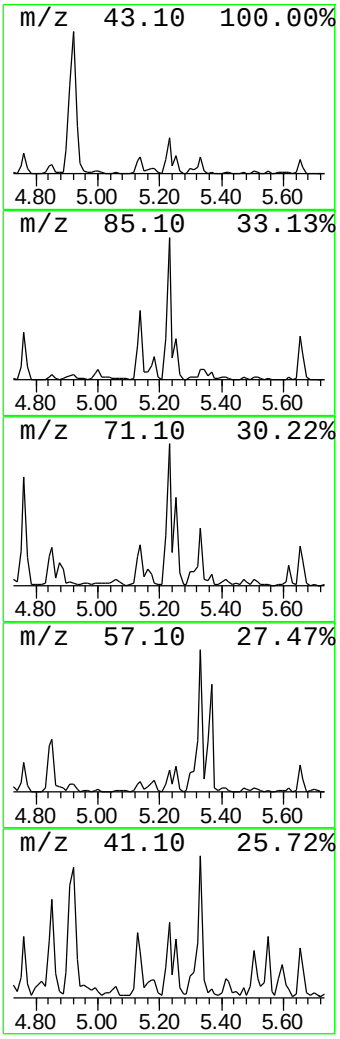
****

Peak Number 4 Octane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	13.83 ng	1000190	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	86
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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

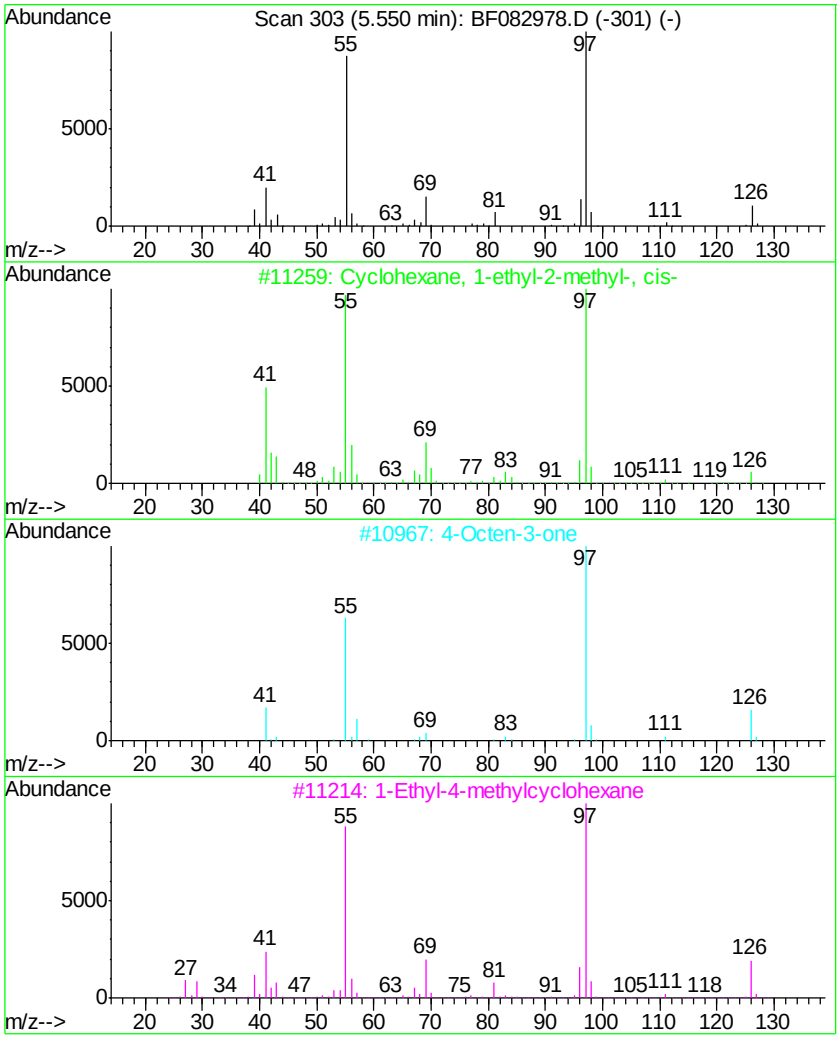
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

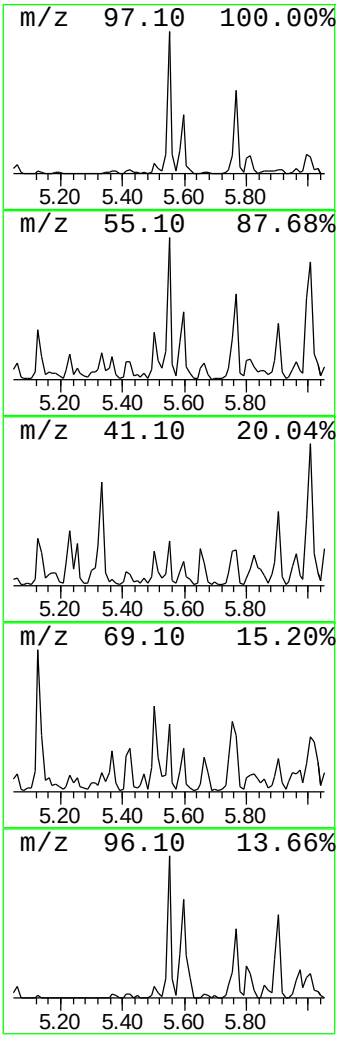
****

Peak Number 5 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	7.38 ng	534110	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
2	4-Octen-3-one	126	C8H14O	014129-48-7	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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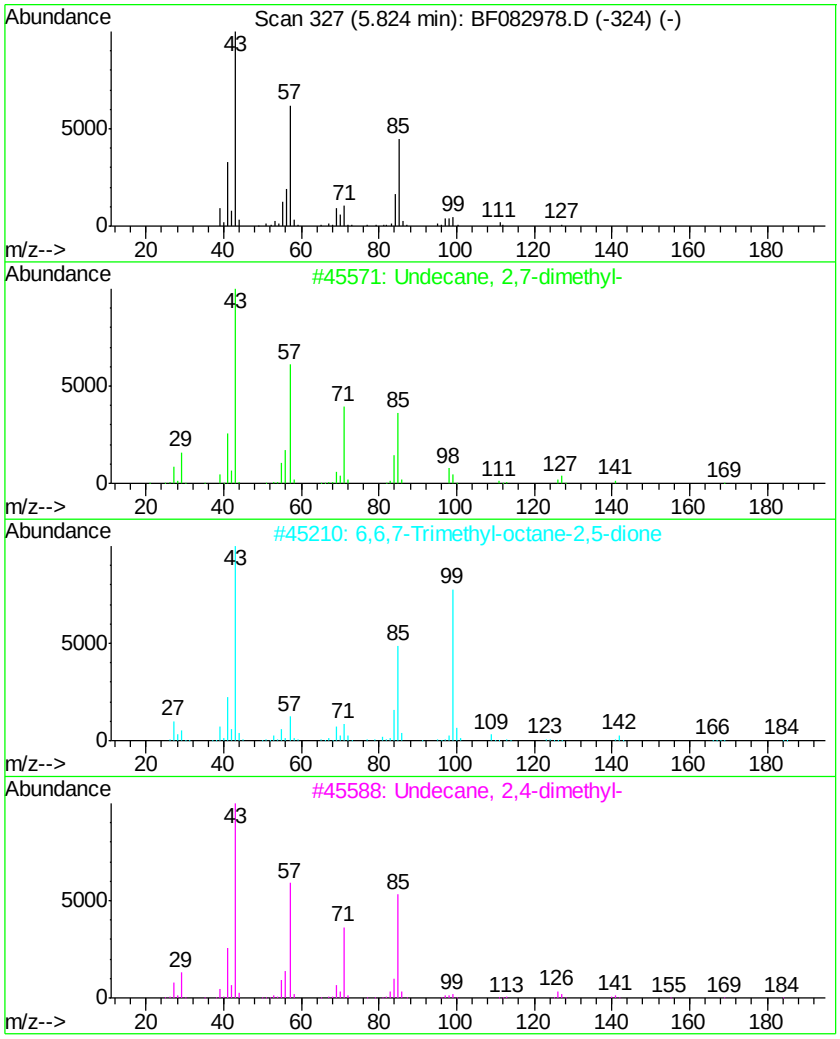
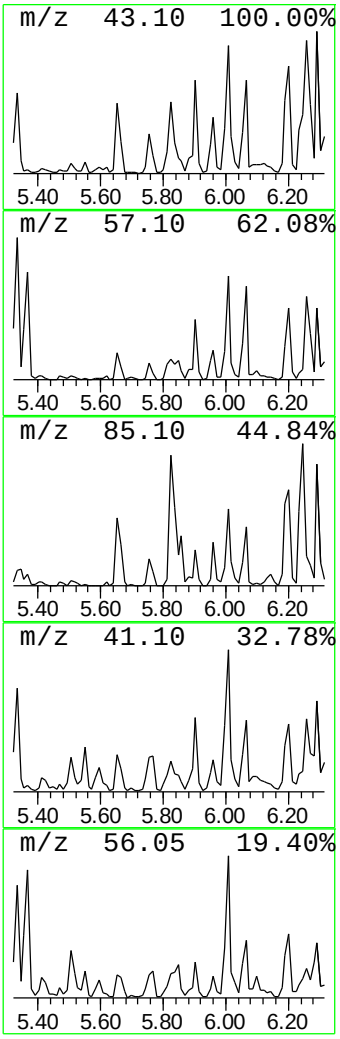
Peak Number 7 Undecane, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	9.97 ng	721005	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
2	6,6,7-Trimethyl-octane-2,5-dione	184	C11H20O2	1000187-31-5	59
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	59





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Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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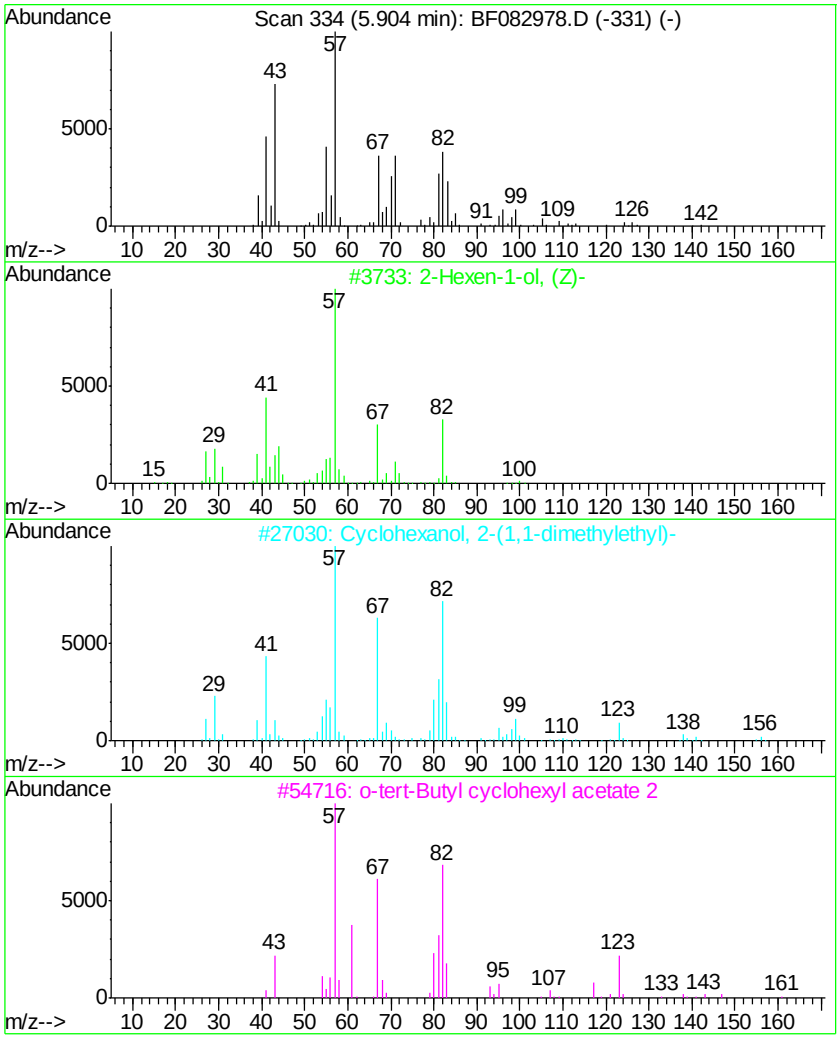
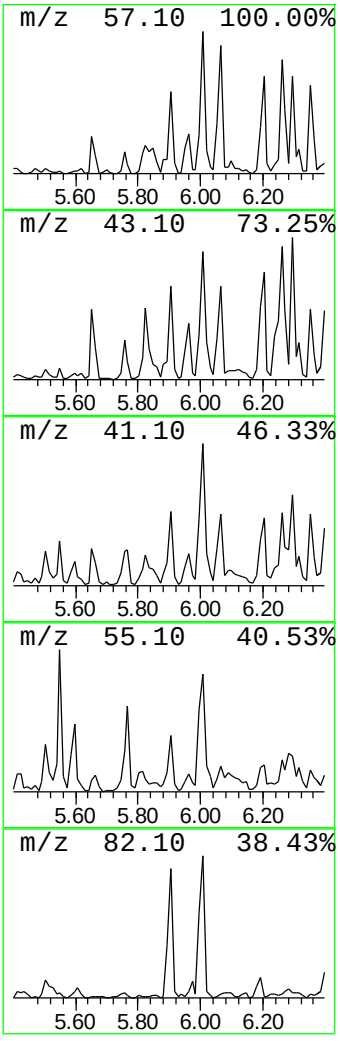
Peak Number 8 unknown5.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	13.73 ng	992997	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	47
2	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	47
3	o-tert-Butyl cyclohexyl acetate 2	198	C12H22O2	1000285-04-5	38
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	27





Library Search Compound Report

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Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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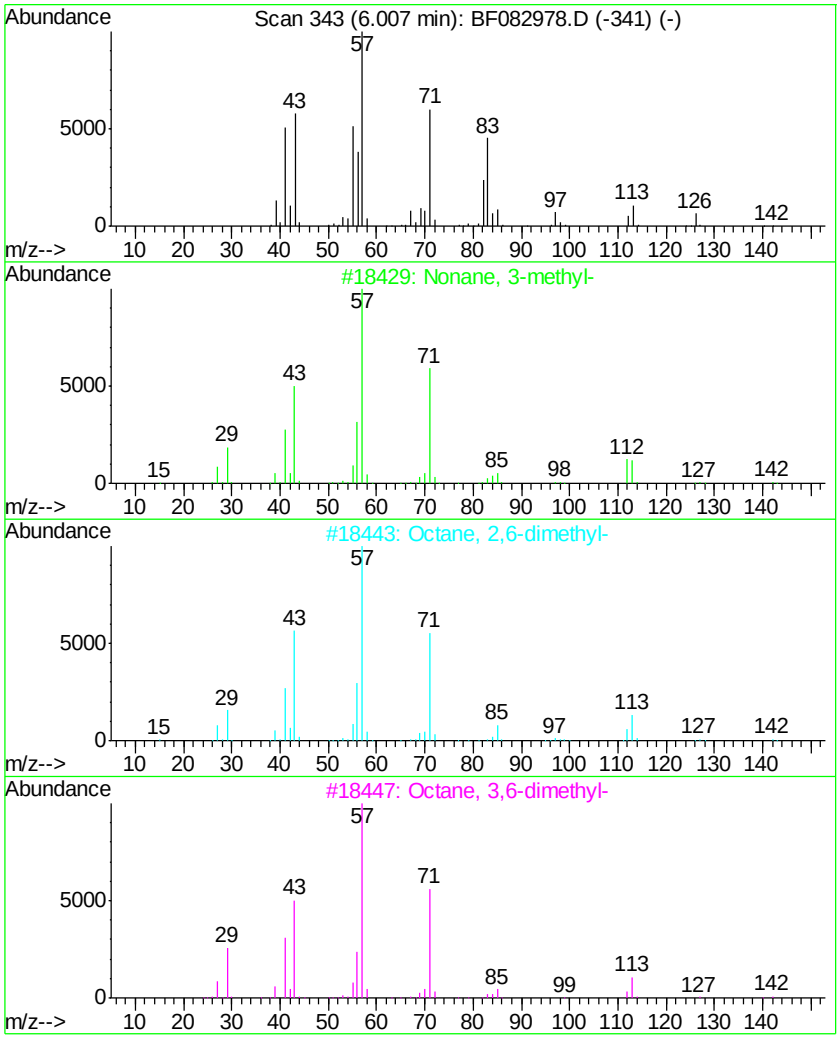
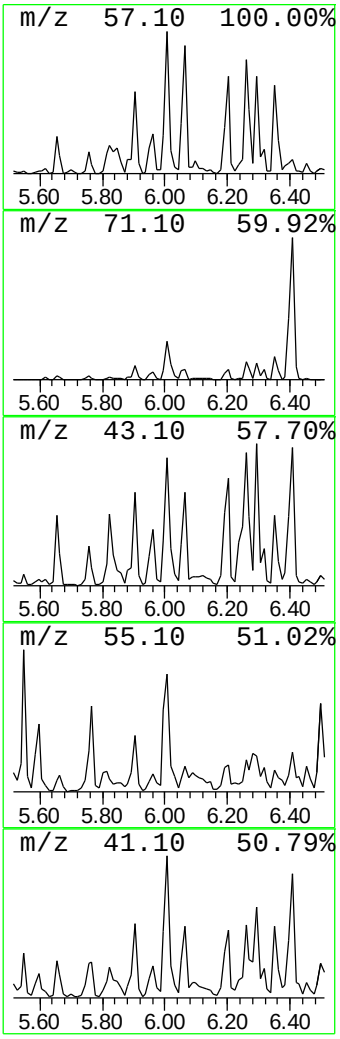
Peak Number 9 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	24.63 ng	1781350	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	35
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35





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Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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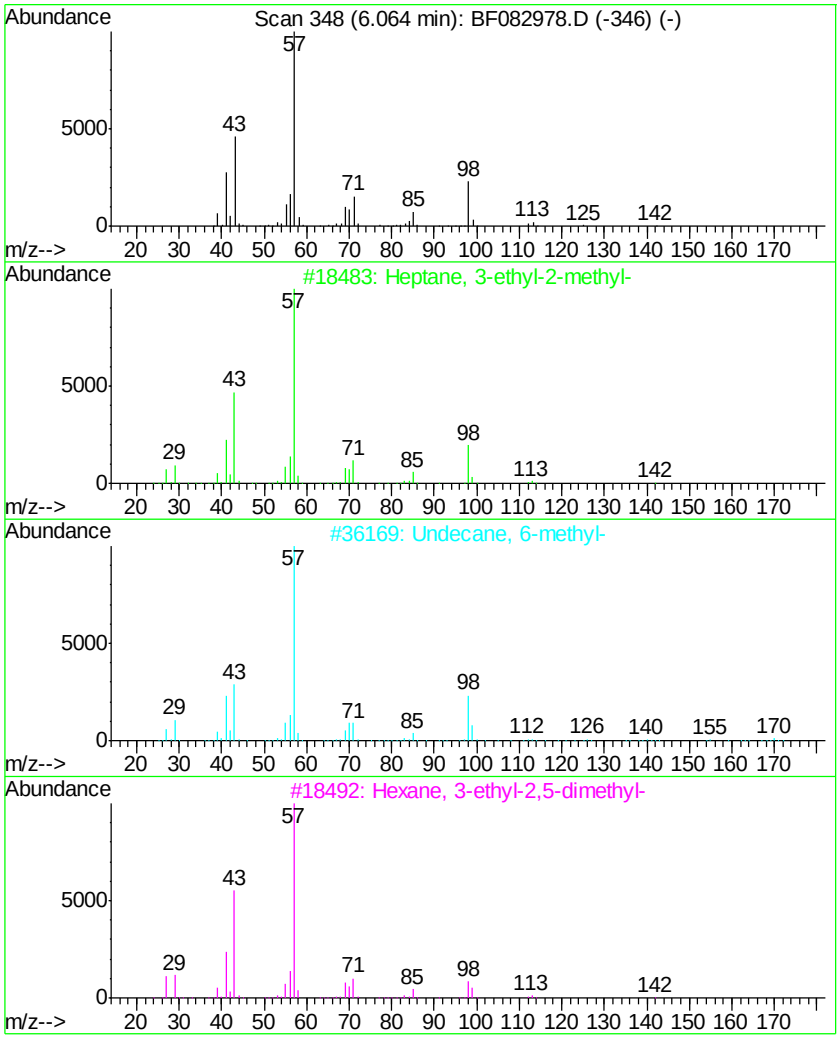
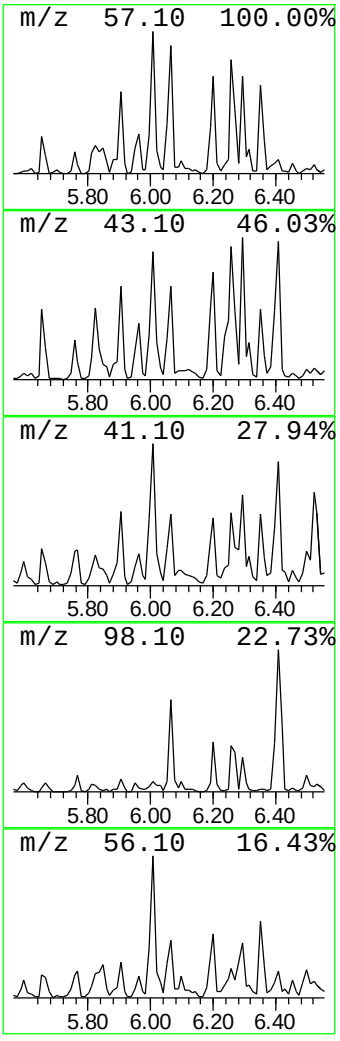
Peak Number 10 Heptane, 3-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	10.89 ng	787881	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59





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Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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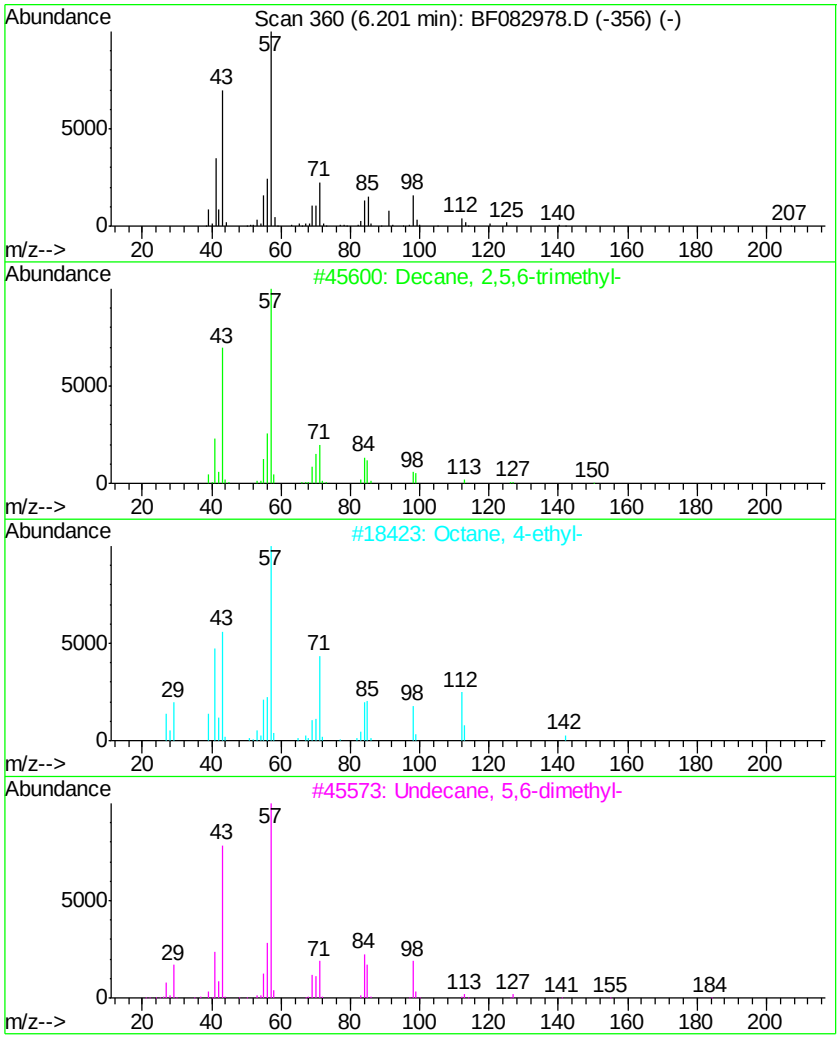
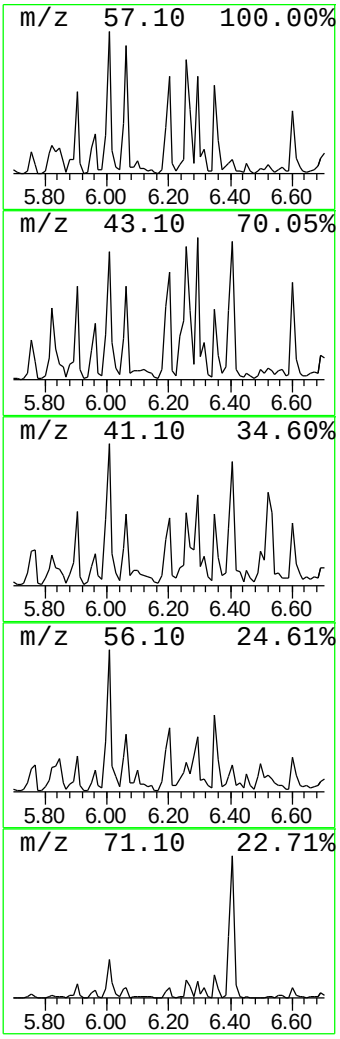
Peak Number 11 Decane, 2,5,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	14.64 ng	1058590	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	59
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	50





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ALS Vial : 9 Sample Multiplier: 1

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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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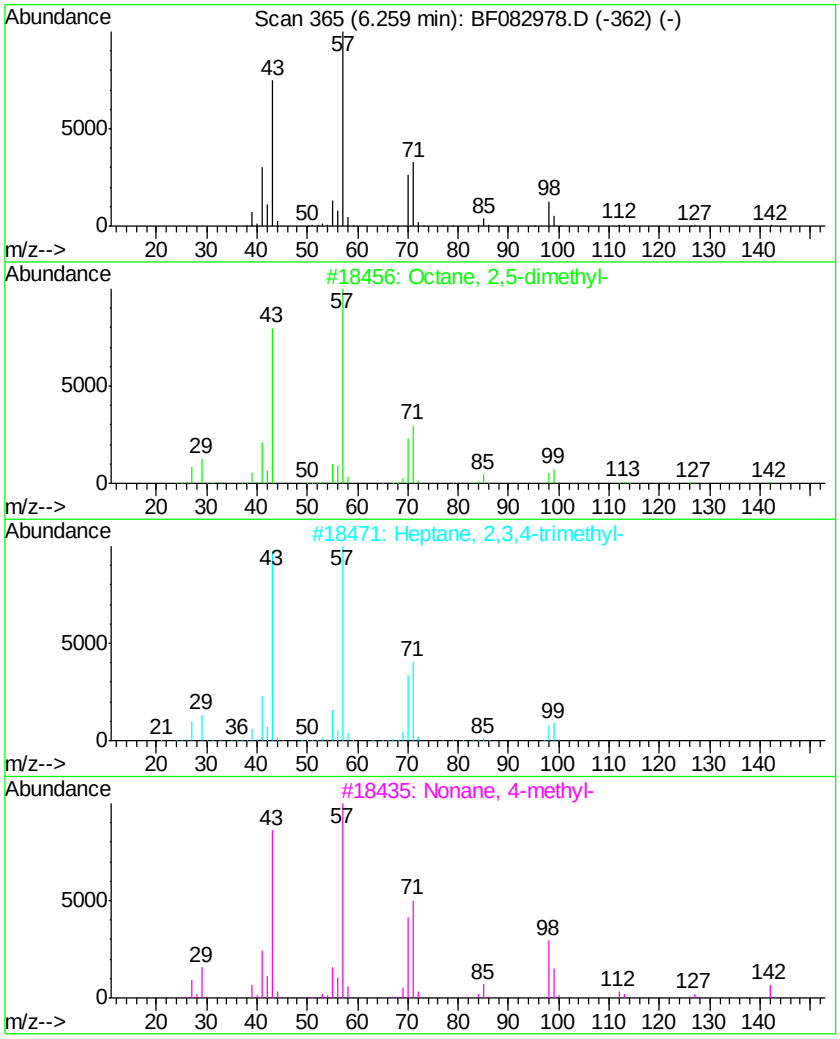
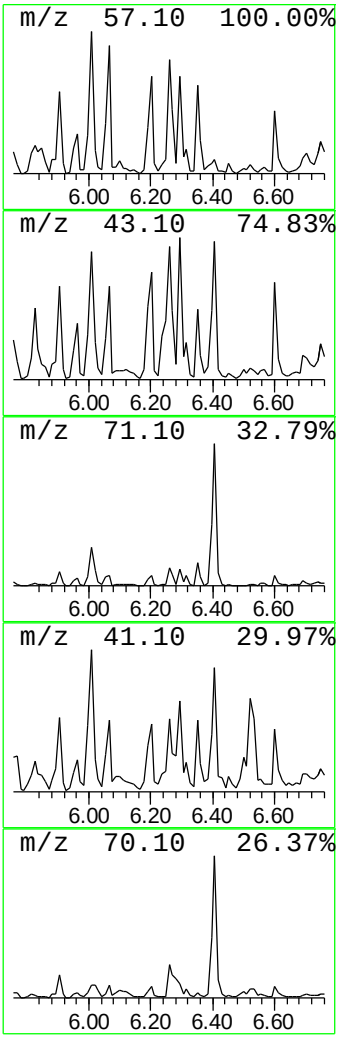
Peak Number 12 Octane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	19.42 ng	1404330	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	87
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64





Library Search Compound Report

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Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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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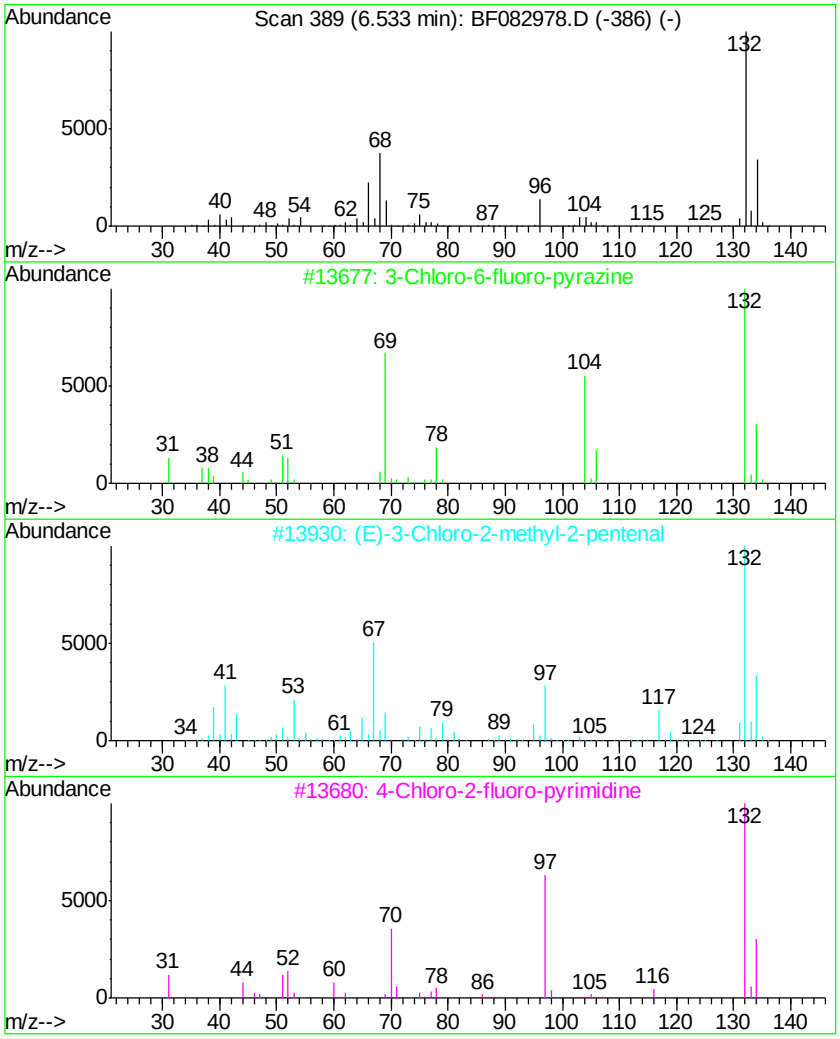
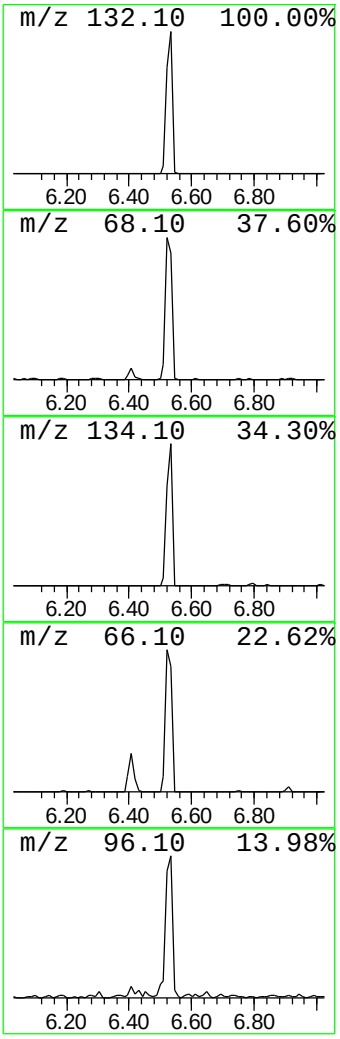
Peak Number 15 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	77.51 ng	5606040	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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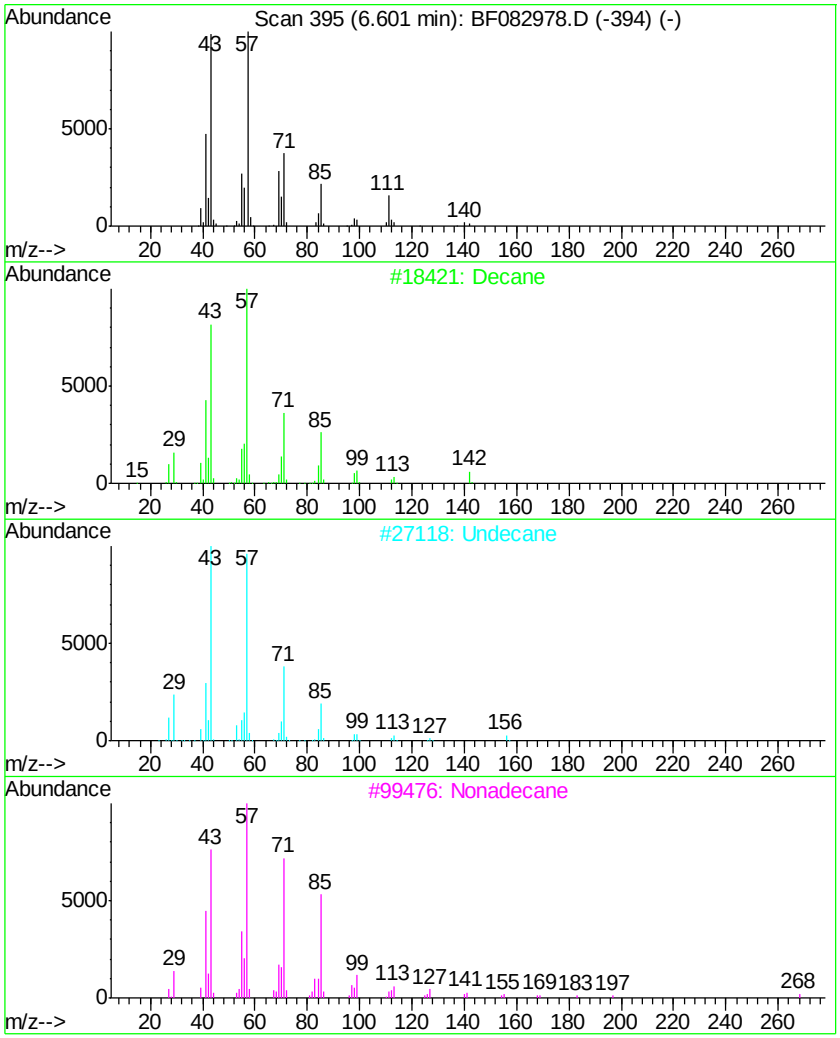
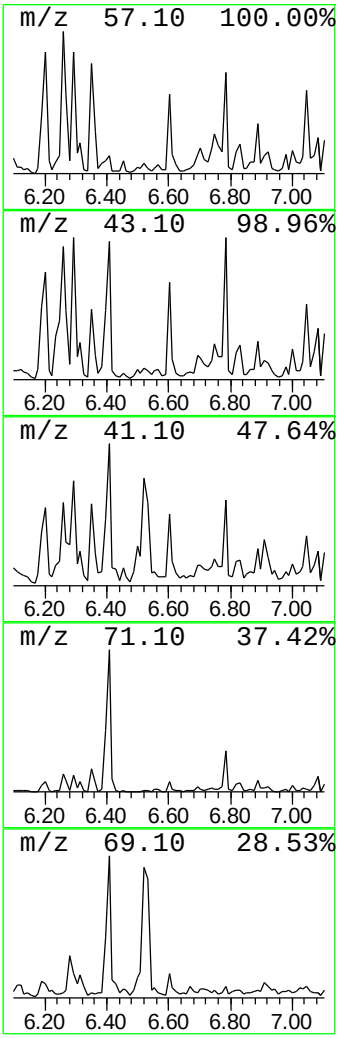
Peak Number 16 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	9.29 ng	671886	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Undecane	156	C11H24	001120-21-4	78
3	Nonadecane	268	C19H40	000629-92-5	72
4	Octane	114	C8H18	000111-65-9	64
5	Tridecane	184	C13H28	000629-50-5	59





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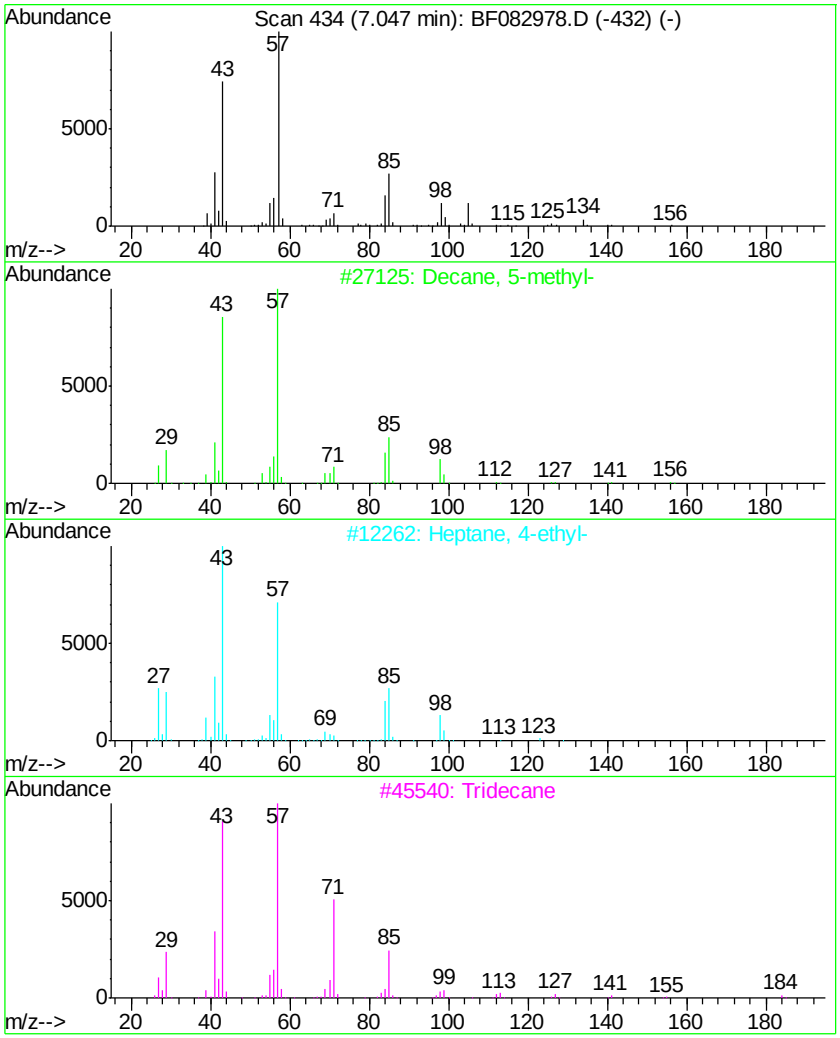
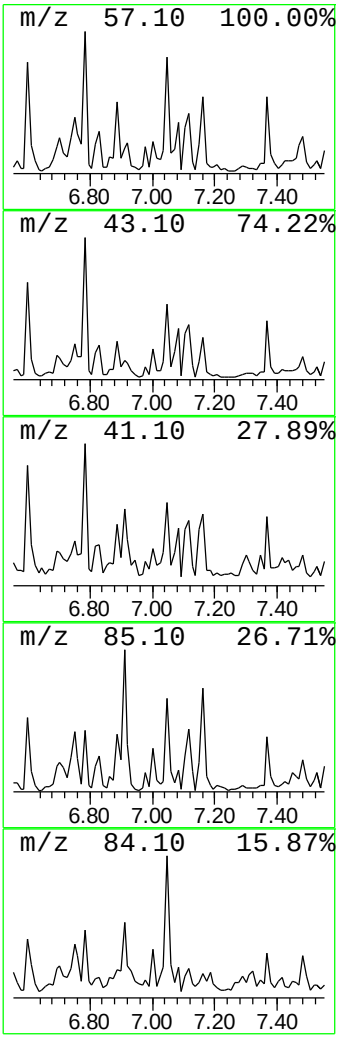
Peak Number 18 Decane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	8.53 ng	616801	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	72
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
3	Tridecane	184	C13H28	000629-50-5	53
4	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	50
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47





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Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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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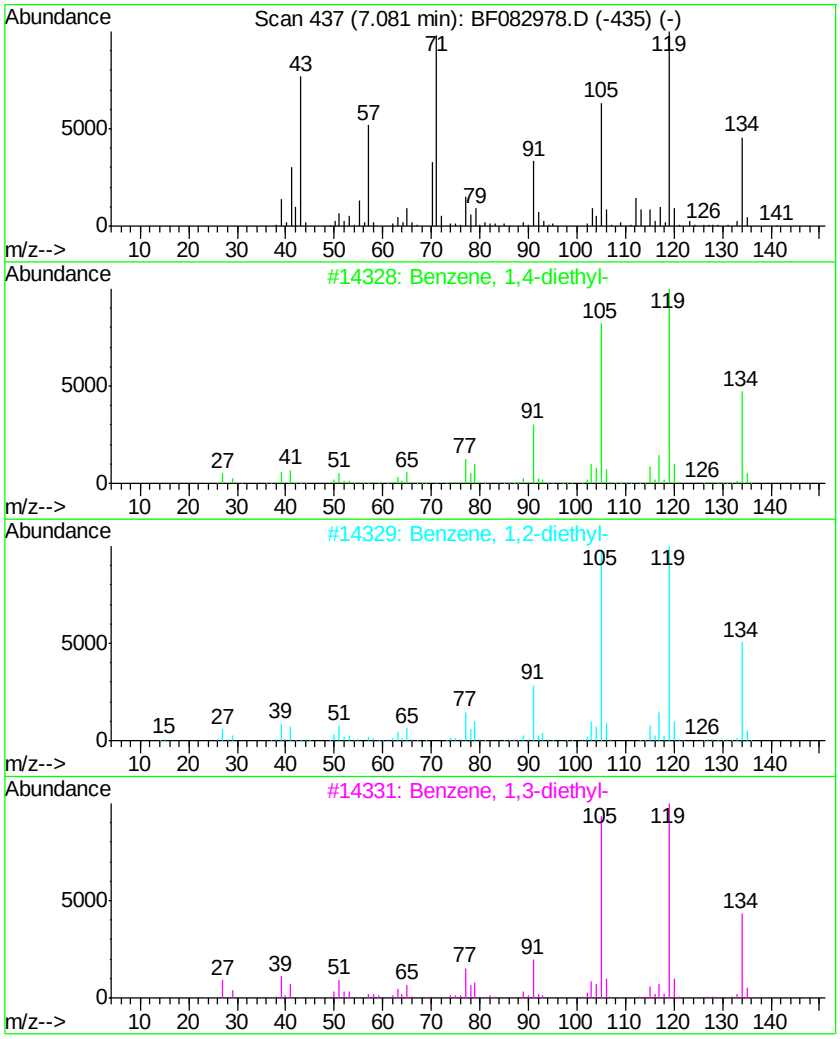
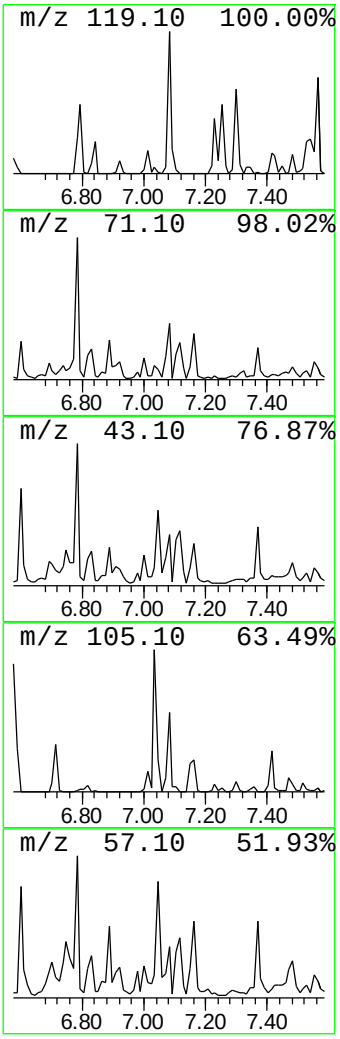
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	7.41 ng	535848	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55





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ClientSampleId : SB-1

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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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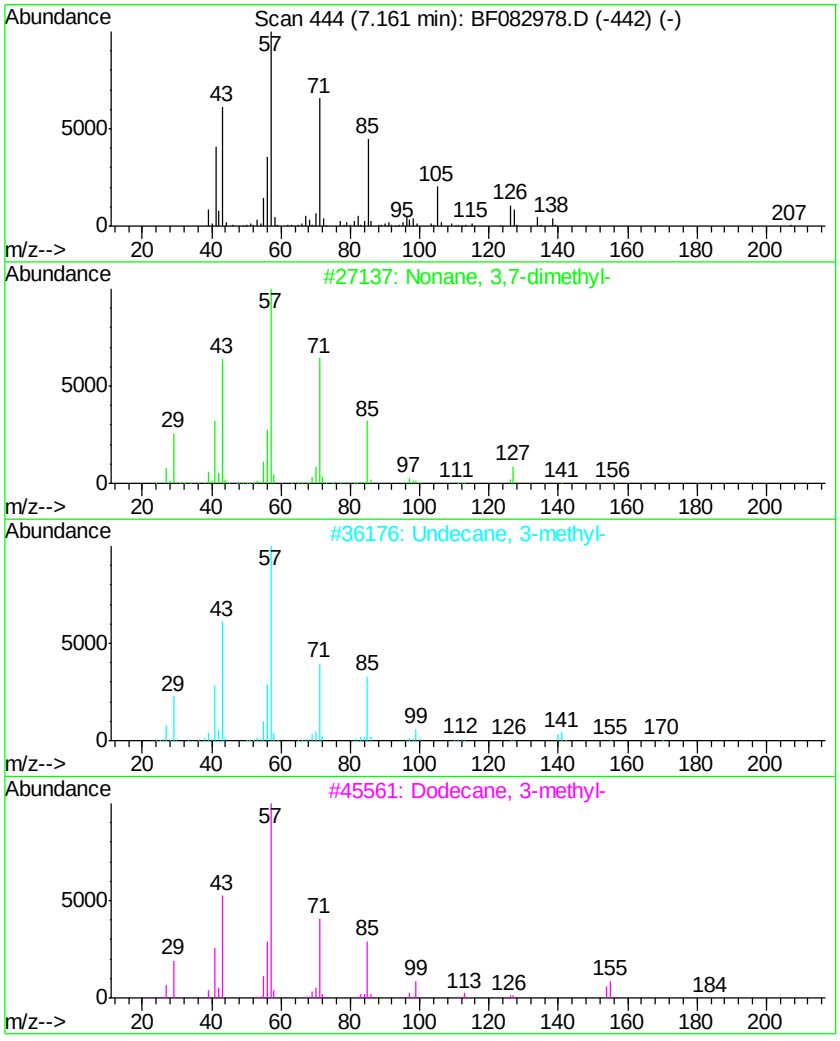
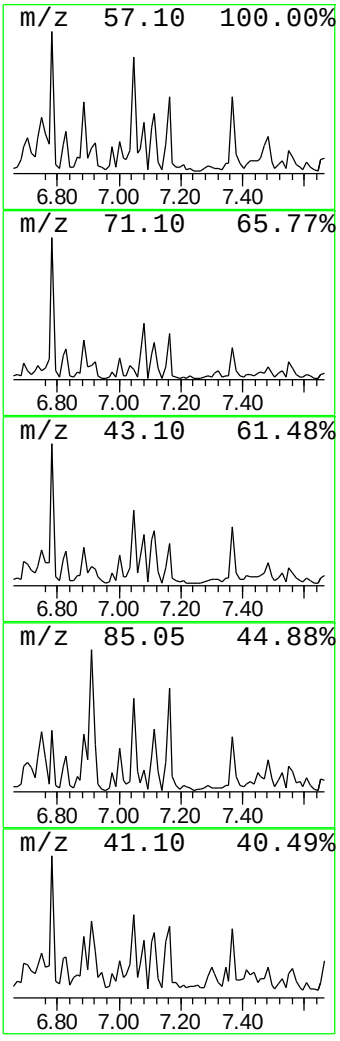
Peak Number 20 Nonane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	7.68 ng	555156	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Decane, 3-methyl-	156	C11H24	013151-34-3	53
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50





Tentatively Identified Compound (LSC) summary

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Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1

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
Heptane, 2,5-dime...	4.85	10.6	ng	766844	1	6.75	1446560	20.0
unknown4.92	4.92	44.8	ng	3238660	1	6.75	1446560	20.0
Cyclohexane, 1,2,...	5.13	9.8	ng	705386	1	6.75	1446560	20.0
Octane, 4-methyl-	5.23	13.8	ng	1000190	1	6.75	1446560	20.0
Cyclohexane, 1-et...	5.55	7.4	ng	534110	1	6.75	1446560	20.0
Undecane, 2,7-dim...	5.82	10.0	ng	721005	1	6.75	1446560	20.0
unknown5.90	5.90	13.7	ng	992997	1	6.75	1446560	20.0
Nonane, 3-methyl-	6.01	24.6	ng	1781350	1	6.75	1446560	20.0
Heptane, 3-ethyl-...	6.06	10.9	ng	787881	1	6.75	1446560	20.0
Decane, 2,5,6-tri...	6.20	14.6	ng	1058590	1	6.75	1446560	20.0
Octane, 2,5-dimet...	6.26	19.4	ng	1404330	1	6.75	1446560	20.0
unknown6.53	6.53	77.5	ng	5606040	1	6.75	1446560	20.0
Decane	6.60	9.3	ng	671886	1	6.75	1446560	20.0
Decane, 5-methyl-	7.05	8.5	ng	616801	1	6.75	1446560	20.0
Benzene, 1,4-diet...	7.08	7.4	ng	535848	1	6.75	1446560	20.0
Nonane, 3,7-dimet...	7.16	7.7	ng	555156	1	6.75	1446560	20.0