LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

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-BF103015.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	4.990	248	254	256	rBV3	228678	429130	1.46%	0.134%
2	5.047	256	259	263	rVV	1929195	3153079	10.71%	0.987%
3	5.264	275	278	279	rBV	355750	353695	1.20%	0.111%
4	5.470	293	296	298	rVB	5245796	5833546	19.82%	1.825%
5	5.676	312	314	316	rVV	584885	522275	1.77%	0.163%
6	5.721	316	318	321	rVB2	237971	407900	1.39%	0.128%
7	5.881	329	332	334	rBV2	521475	746442	2.54%	0.234%
8	5.939	334	337	341	rBV3	384567	886169	3.01%	0.277%
9	6.019	342	344	346	rVB2	935864	996353	3.39%	0.312%
10	6.076	346	349	351	rBV	440675	661619	2.25%	0.207%
11	6.121	351	353	356	rVB	2124036	2184091	7.42%	0.683%
12	6.179	356	358	359	rBV	615353	662674	2.25%	0.207%
13	6.316	367	370	372	rBV2	1345777	1849672	6.28%	0.579%
14	6.373	374	375	379	rBV2	1030397	1224911	4.16%	0.383%
15	6.430	379	380	382	rVB	619985	503258	1.71%	0.157%
16	6.499	382	386	389	rBV	4846031	6171056	20.97%	1.931%
17	6.636	394	398	400	rBV	6332898	8223780	27.94%	2.573%
18	6.693	402	403	405	rBV	1591585	1567266	5.32%	0.490%
19	6.727	405	406	408	rVB2	304887	403208	1.37%	0.126%
20	6.807	412	413	416	rBV2	374735	799364	2.72%	0.250%
21	6.864	416	418	419	rBV	1762791	1485114	5.05%	0.465%
22	6.899	419	421	422	rVB	2216125	1889102	6.42%	0.591%
23	6.944	422	425	426	rBV	741006	1018486	3.46%	0.319%
24	7.024	426	432	434	rBV2	7201471	8502816	28.89%	2.661%
25	7.059	434	435	436	rVB	556279	381329	1.30%	0.119%
26	7.116	436	440	442	rBV2	749762	1538858	5.23%	0.482%
27	7.162	442	444	445	rVB	1463088	1449697	4.93%	0.454%
28	7.196	445	447	448	rVB	713190	863175	2.93%	0.270%
29	7.230	448	450	452	rBV2	588858	851248	2.89%	0.266%
30	7.264	452	453	455	rBV	765738	1039974	3.53%	0.325%
31	7.299	455	456	459	rBV3	172748	306313	1.04%	0.096%
32	7.367	459	462	463	rVB	523996	825932	2.81%	0.258%
33	7.424	463	467	469	rBV2	3905613	7432275	25.25%	2.326%
34	7.527	473	476	478	rVB2	1472056	2511588	8.53%	0.786%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.596	478	482	484	rBV2	1632315	3230328	10.97%	1.011%
36	7.676	484	489	492	rVB2	2544255	5445085	18.50%	1.704%
37	7.722	492	493	494	rBV	412290	340890	1.16%	0.107%
38	7.790	494	499	502	rBV4	2286070	6144413	20.87%	1.923%
39	7.859	502	505	506	rBV	1667196	2578980	8.76%	0.807%
40	7.893	506	508	510	rVB2	535098	832686	2.83%	0.261%
41	7.927	510	511	514	rVB3	903296	737919	2.51%	0.231%
42	7.984	514	516	518	rVB3	677308	1176264	4.00%	0.368%
43	8.030	518	520	521	rBV	771426	831780	2.83%	0.260%
44	8.064	521	523	525	rVB3	269121	395253	1.34%	0.124%
45	8.122	525	528	529	rBV2	2297549	3278325	11.14%	1.026%
46	8.156	529	531	533	rBV2	2241070	2902403	9.86%	0.908%
47	8.236	536	538	544	rVB	4421113	9204818	31.27%	2.880%
48	8.362	545	549	551	rBV5	698361	2242617	7.62%	0.702%
49	8.464	554	558	567	rBV4	3563399	14275541	48.50%	4.467%
50	8.613	567	571	575	rBV	4286888	9943594	33.78%	3.112%
51	8.785	584	586	588	rBV3	1021658	2478327	8.42%	0.776%
52	8.990	601	604	607	rBV4	1890475	4532827	15.40%	1.418%
53	9.093	607	613	618	rBV3	5232345	21206956	72.05%	6.636%
54	9.230	620	625	629	rVB2	6596128	20883520	70.95%	6.535%
55	9.379	633	638	648	rBV6	4245241	28622772	97.24%	8.957%
56	9.527	648	651	653	rBV2	2256192	5753533	19.55%	1.800%
57	9.699	661	666	670	rVB2	9769374	29434347	100.00%	9.211%
58	10.636	744	748	751	rBV	6670531	17734225	60.25%	5.549%
59	10.910	768	772	775	rVB	6711256	18799967	63.87%	5.883%
60	11.368	809	812	814	rVB	6853578	11865153	40.31%	3.713%
61	11.470	819	821	826	rBV4	3093114	6892975	23.42%	2.157%
62	11.711	840	842	845	rVB	4593456	6402438	21.75%	2.003%
63	12.419	902	904	907	rVB2	2945722	4439065	15.08%	1.389%
64	13.002	953	955	957	rVB	5128802	5499315	18.68%	1.721%
65	13.882	1029	1032	1036	rVB	895681	1570971	5.34%	0.492%
66	14.031	1043	1045	1047	rBV	1164935	1186149	4.03%	0.371%
67	15.448	1167	1169	1172	rVB	670565	1027435	3.49%	0.322%

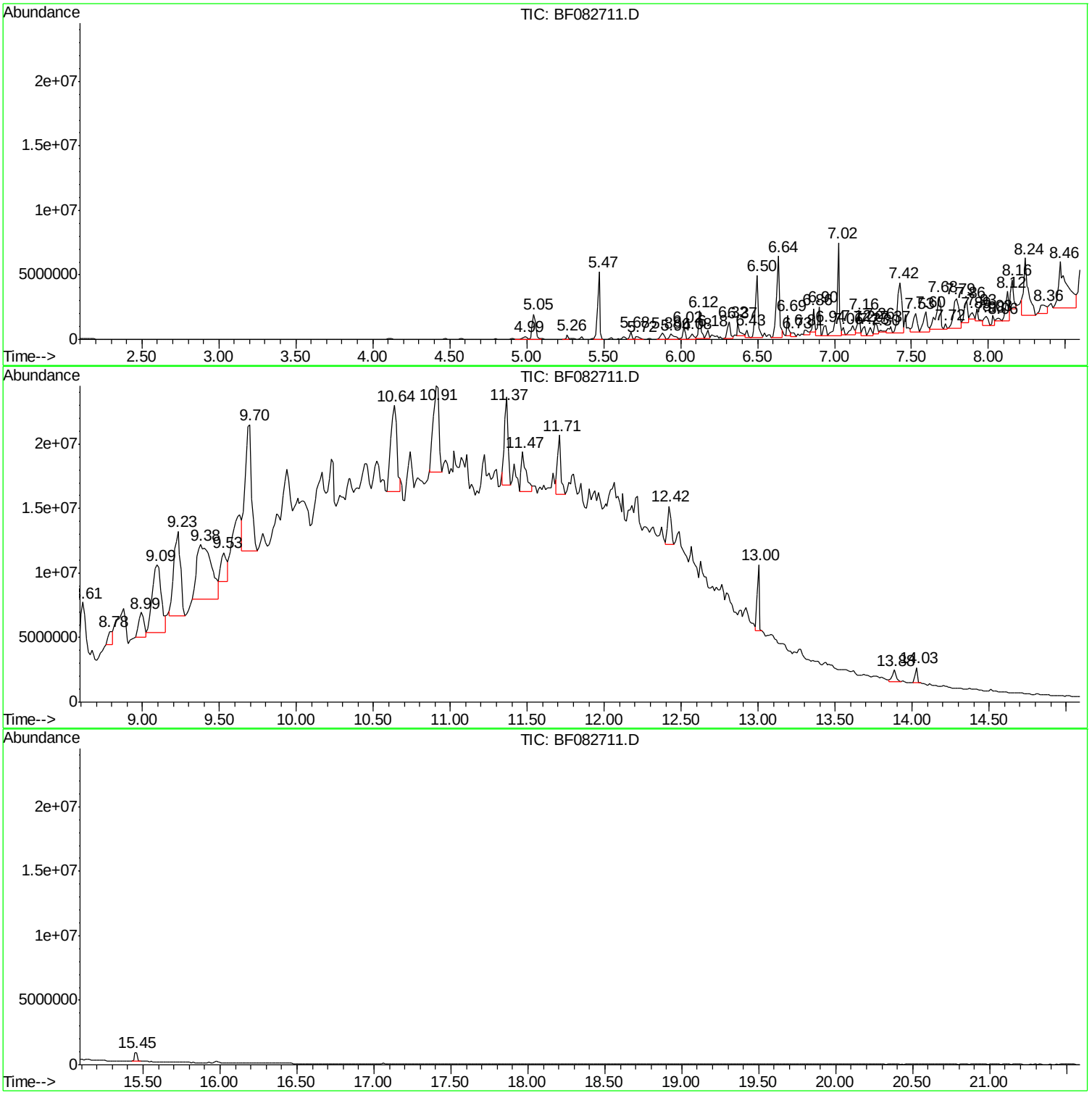
Sum of corrected areas: 319566266

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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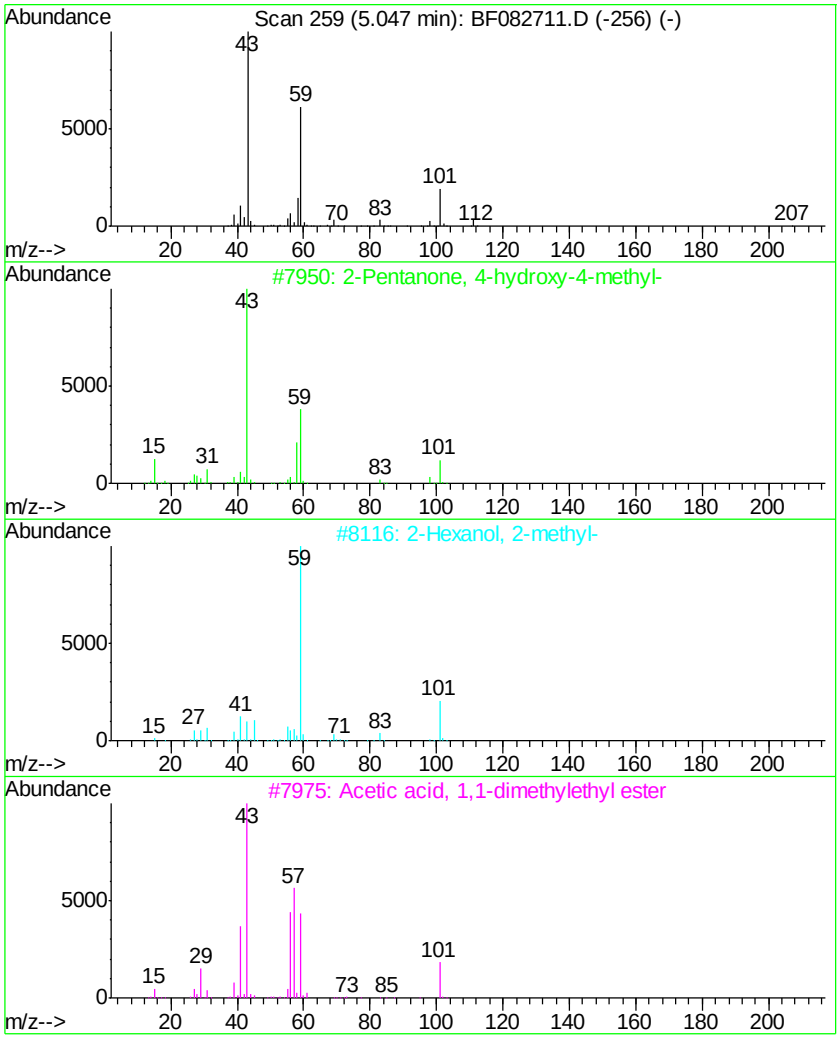
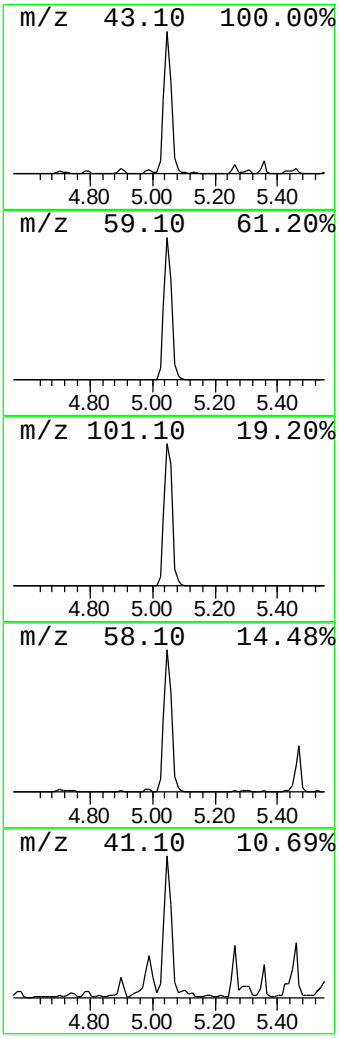
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	42.46 ng	3153080	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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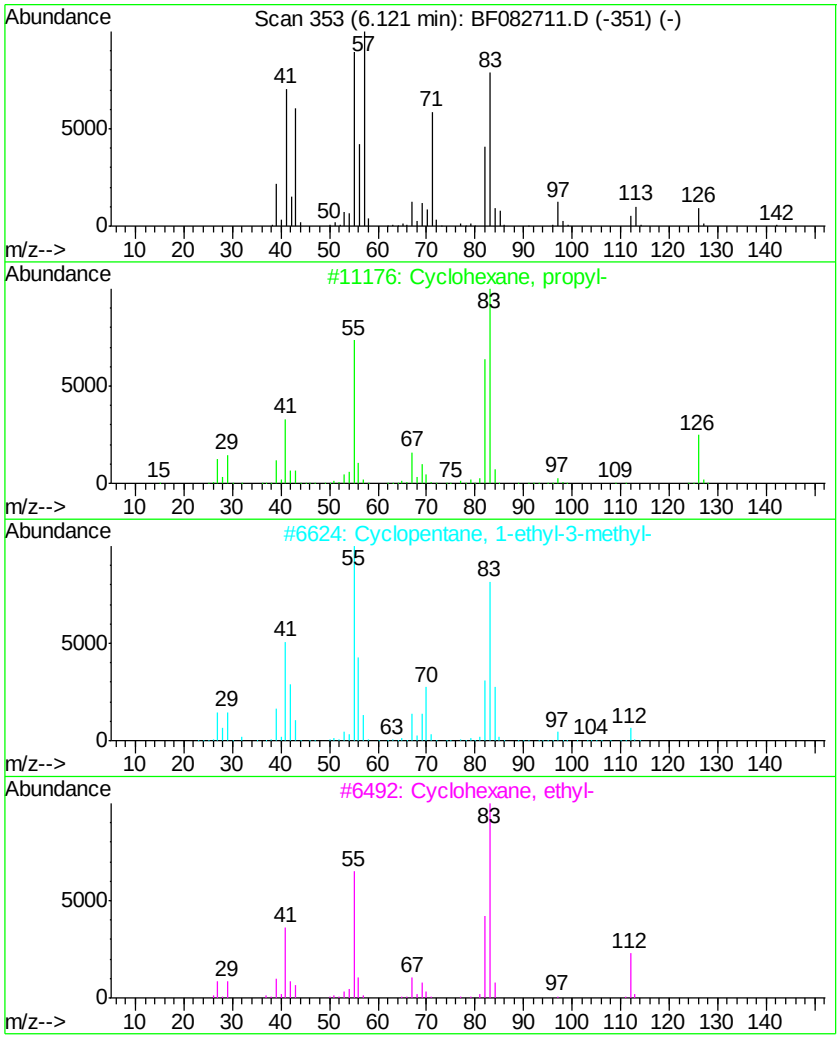
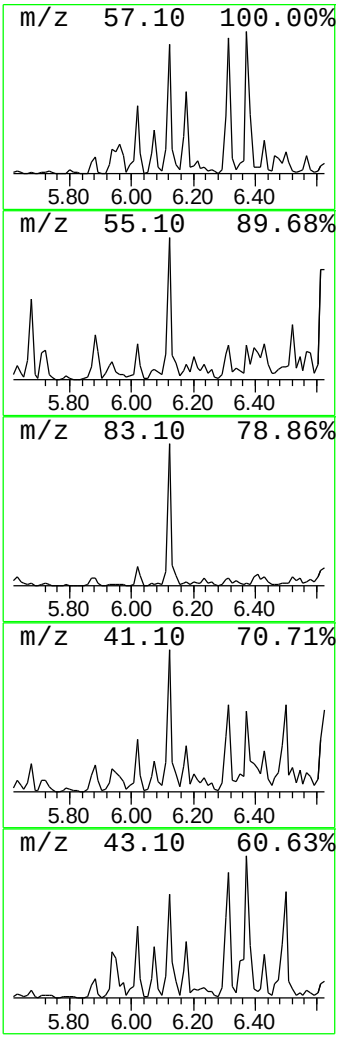
Peak Number 2 unknown6.12 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	29.41 ng	2184090	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	47
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
4	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	38
5	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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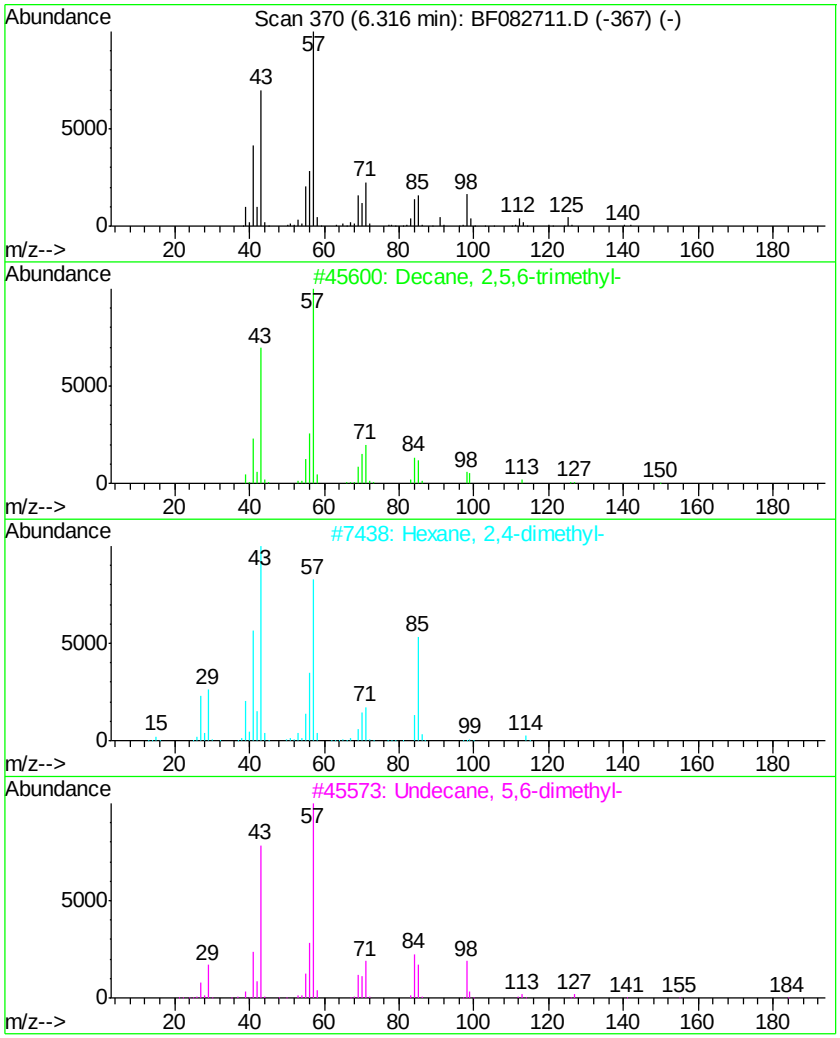
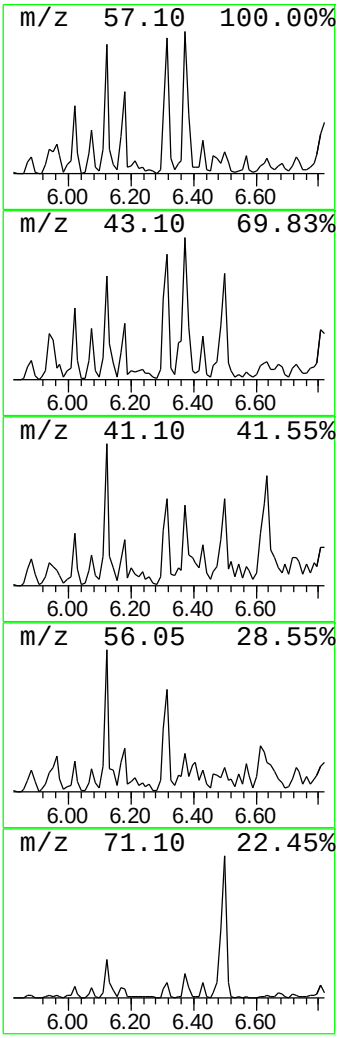
Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	24.91 ng	1849670	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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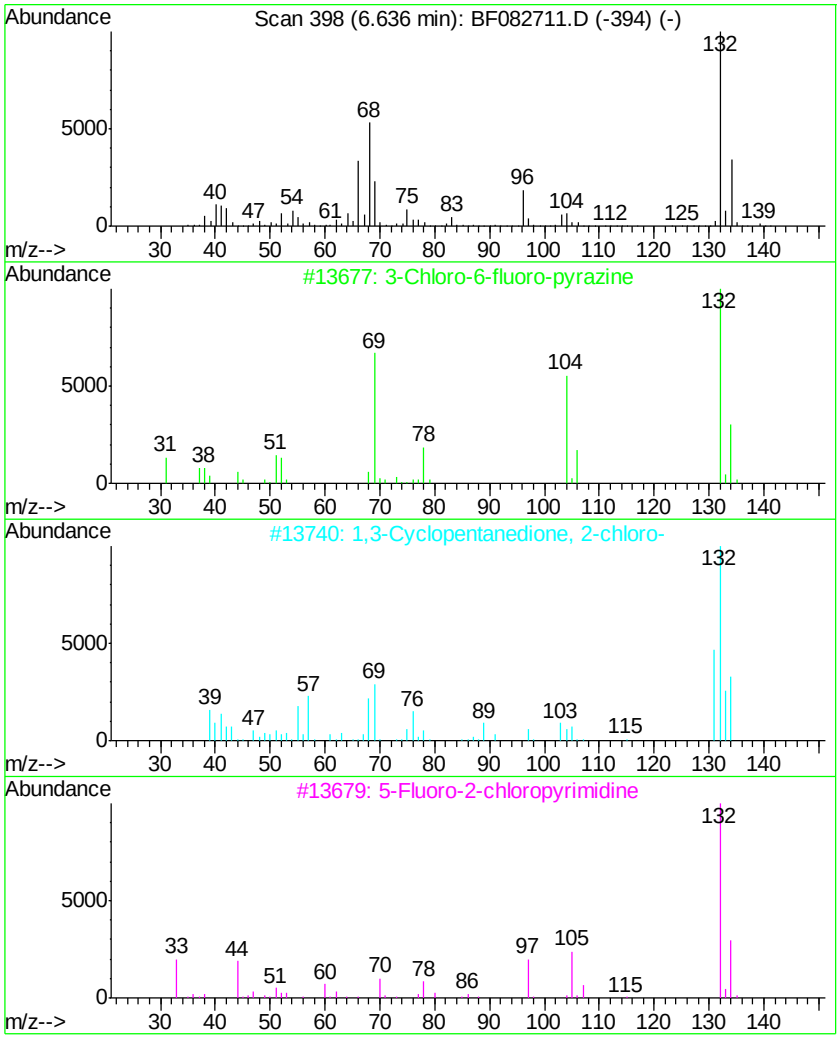
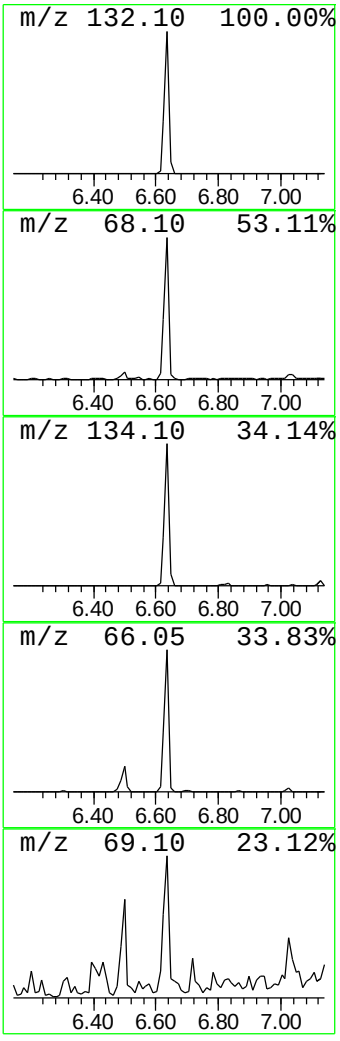
Peak Number 4 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	110.75 ng	8223780	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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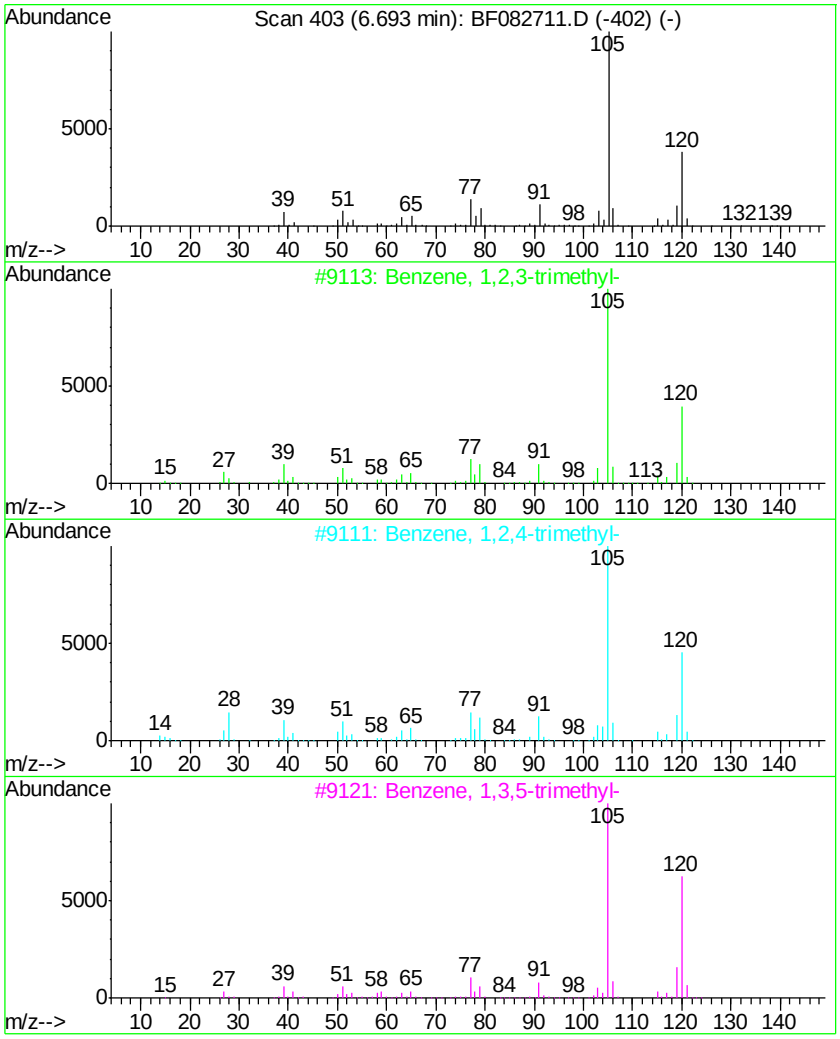
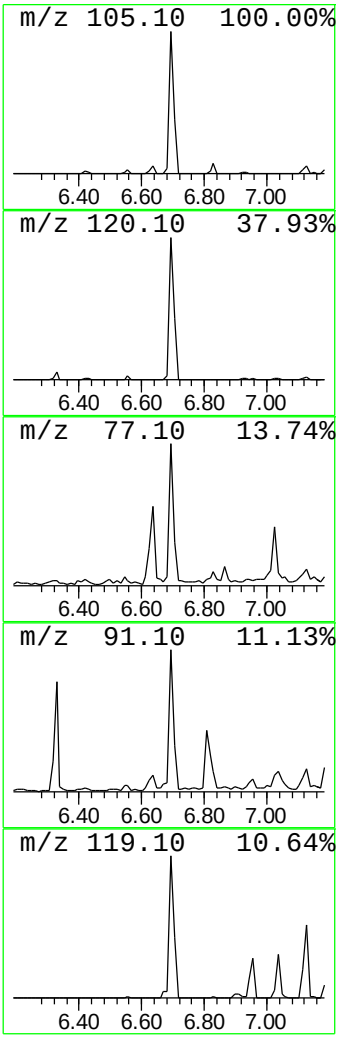
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	21.11 ng	1567270	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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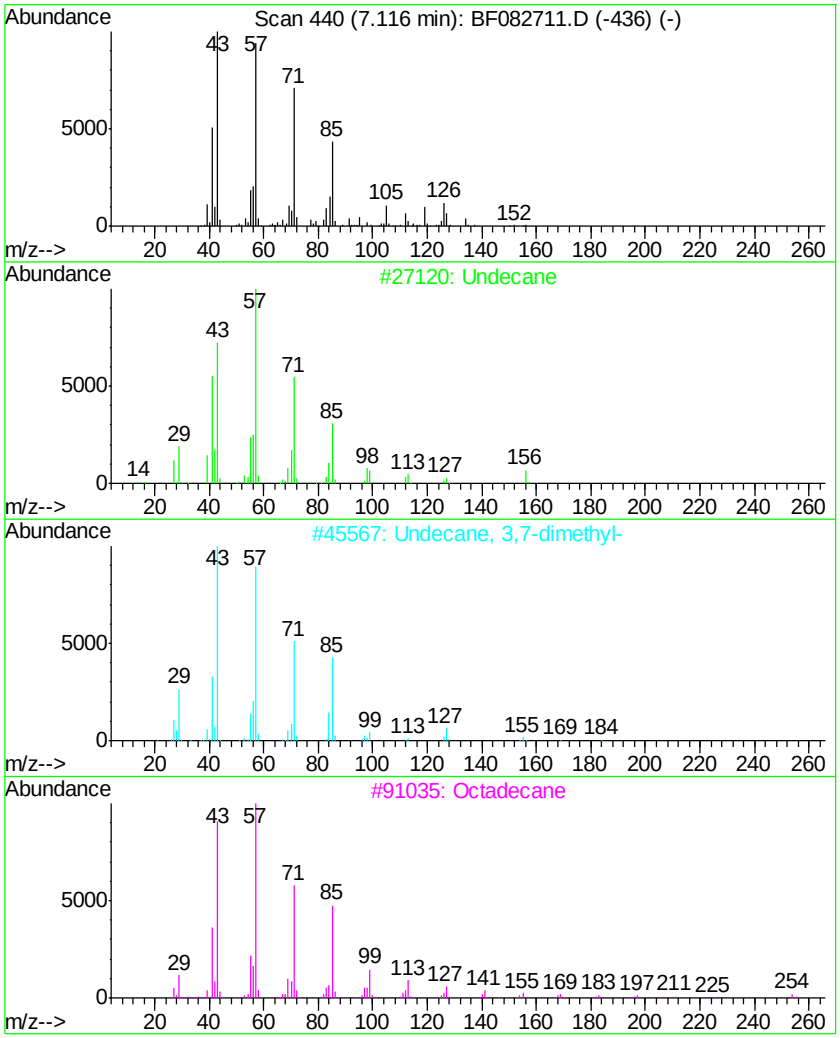
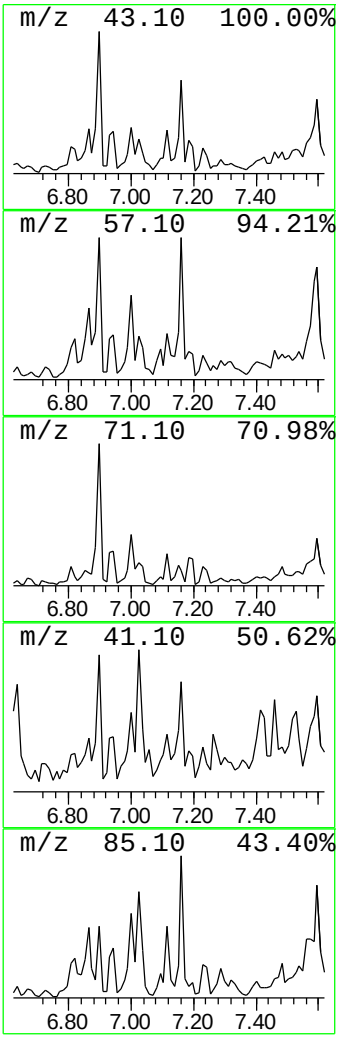
Peak Number 7 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	20.72 ng	1538860	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

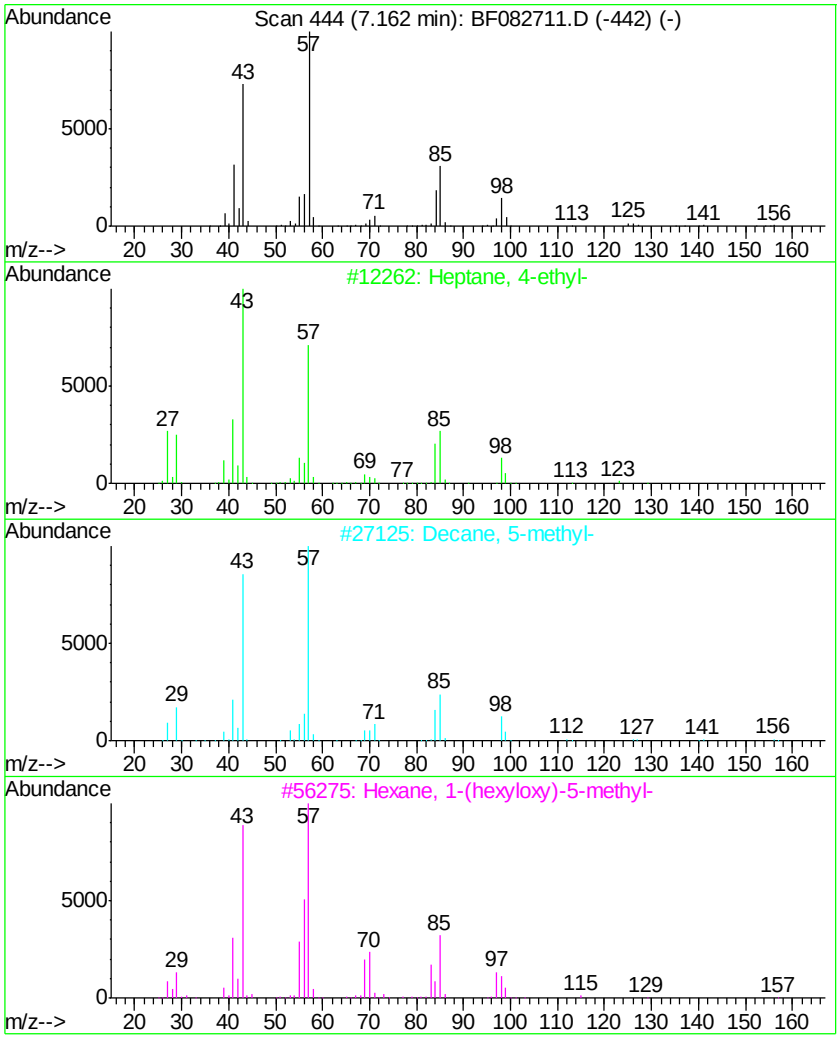
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

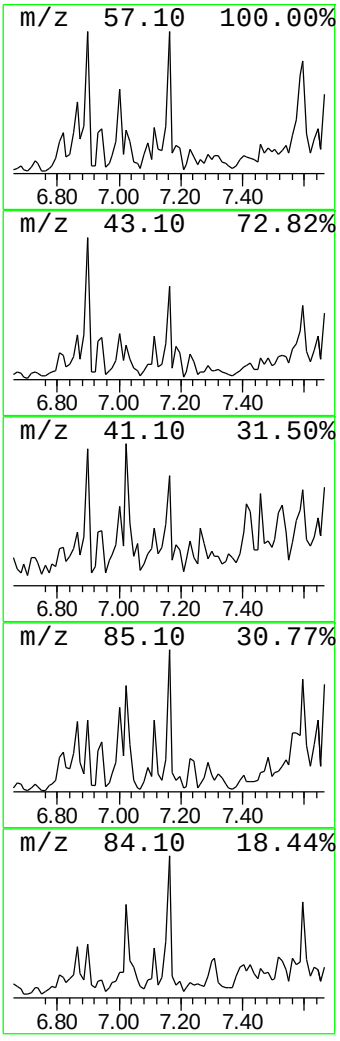
****

Peak Number 8 Heptane, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	19.52 ng	1449700	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	86
2	Decane, 5-methyl-	156	C11H24	013151-35-4	72
3	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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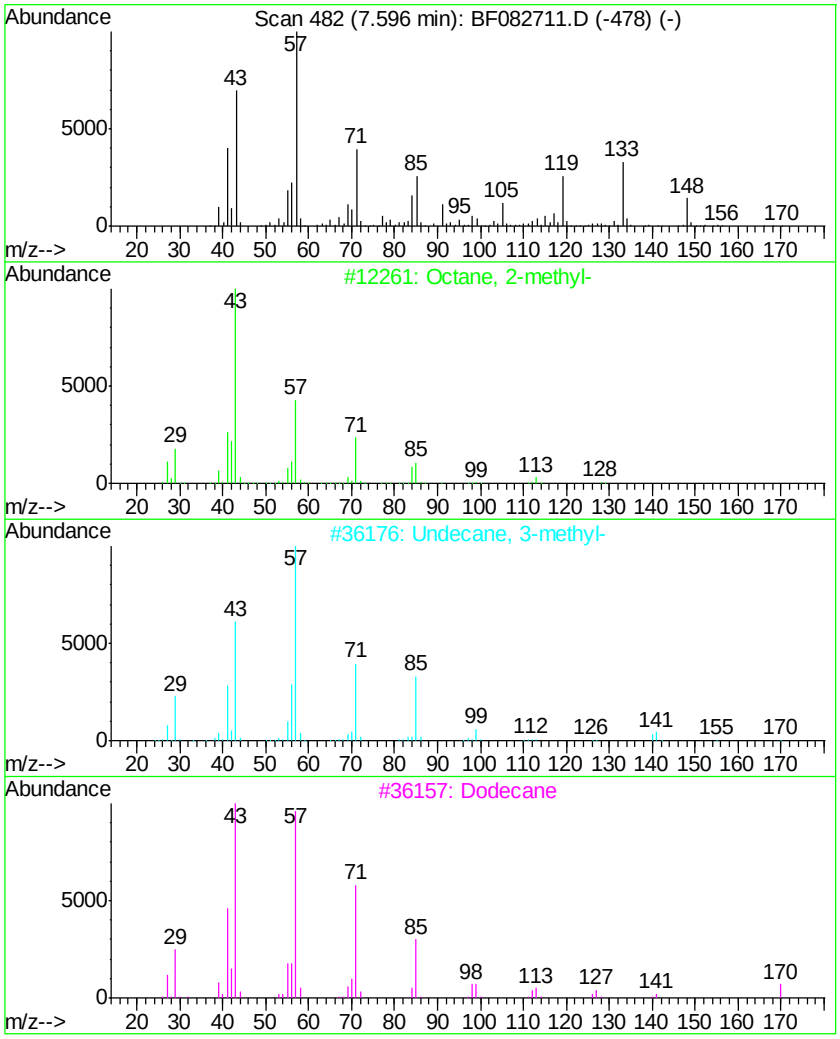
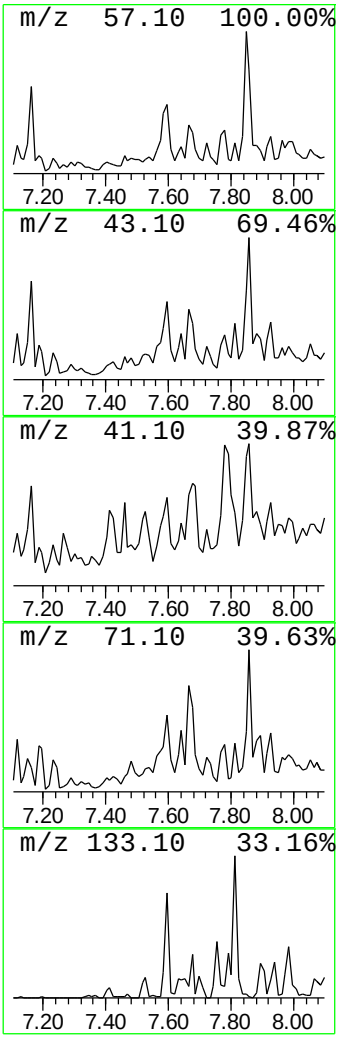
Peak Number 9 Octane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	22.26 ng	3230330	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	58
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3	Dodecane	170	C12H26	000112-40-3	46
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
5	Tridecane	184	C13H28	000629-50-5	43





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Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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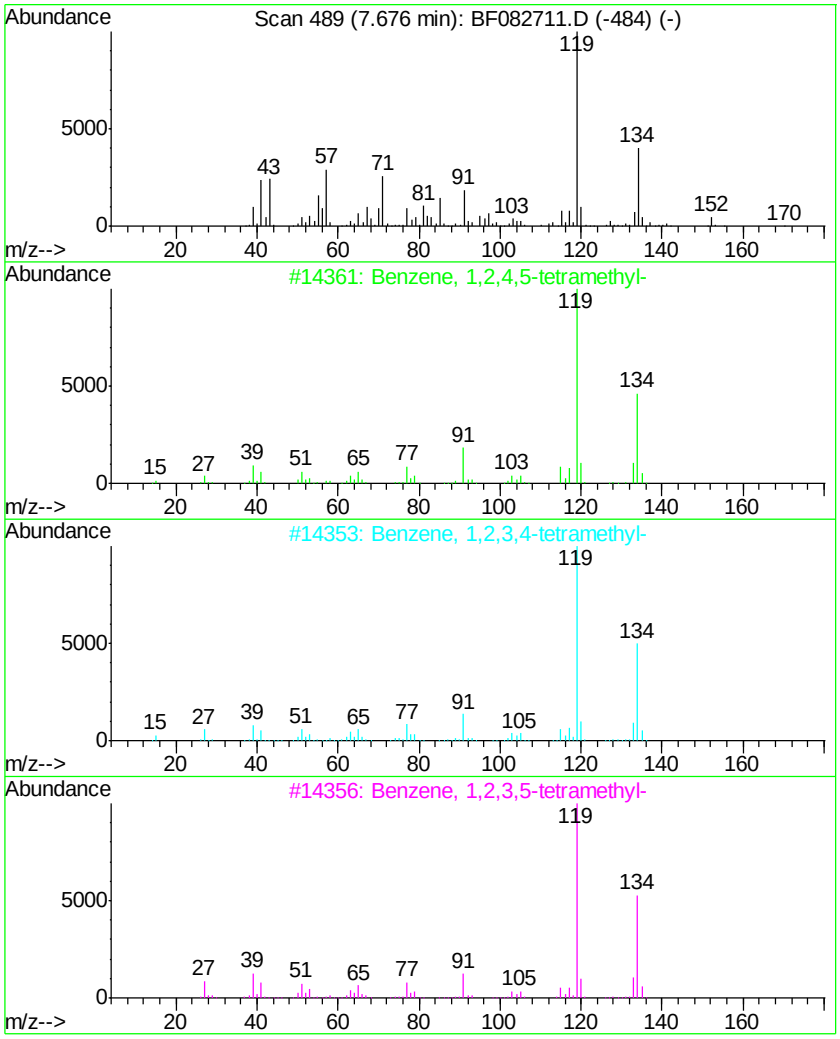
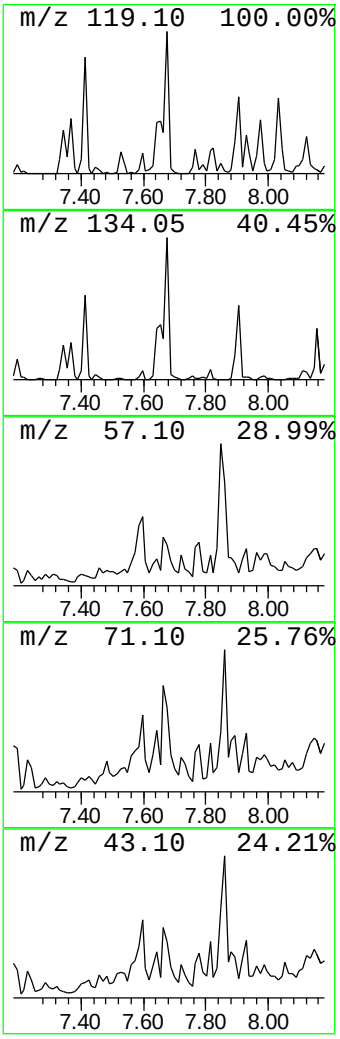
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	37.52 ng	5445090	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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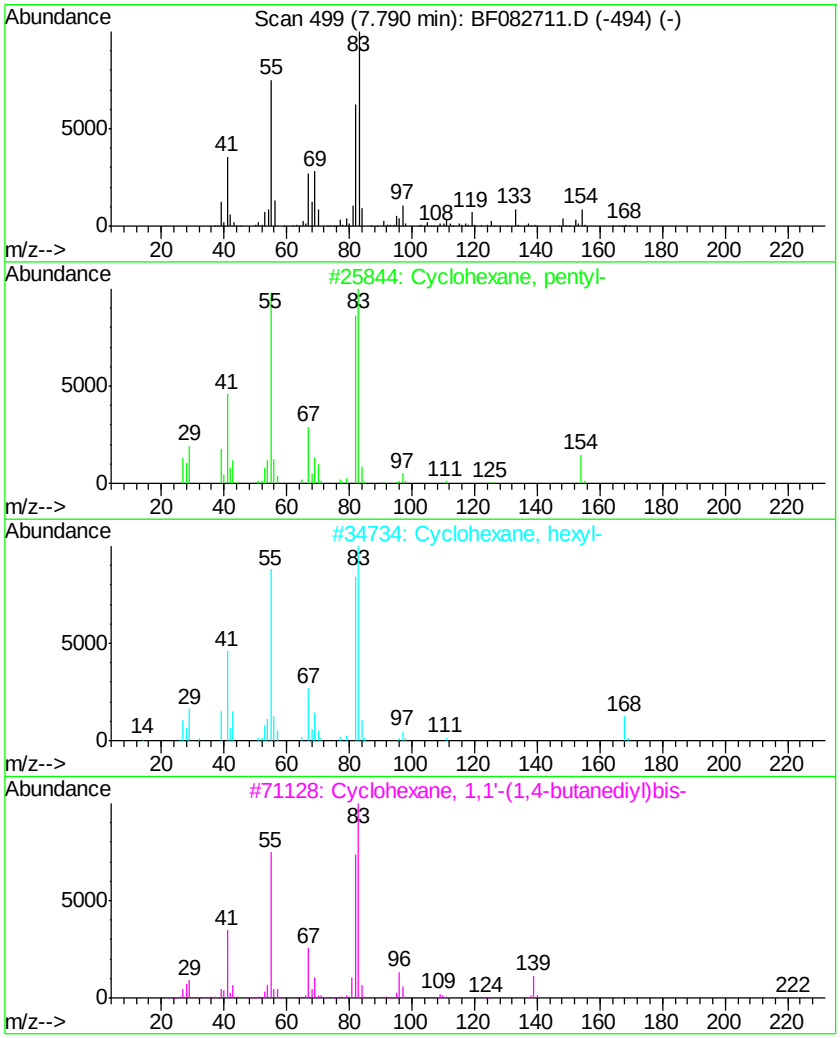
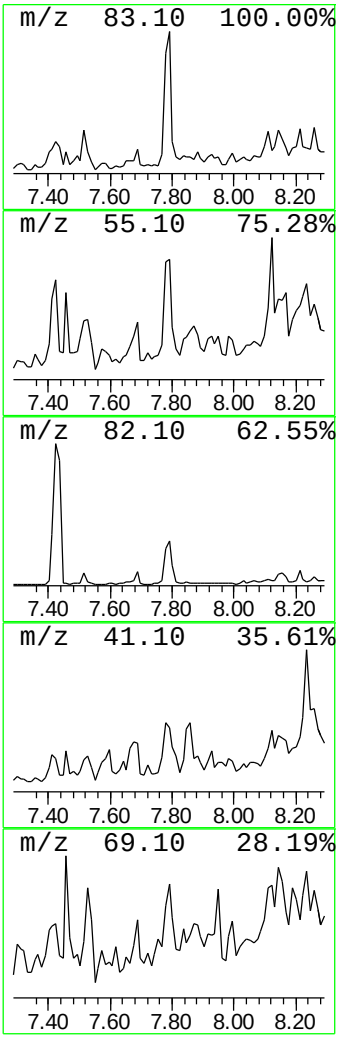
Peak Number 11 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	42.34 ng	6144410	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : TP-15(3)

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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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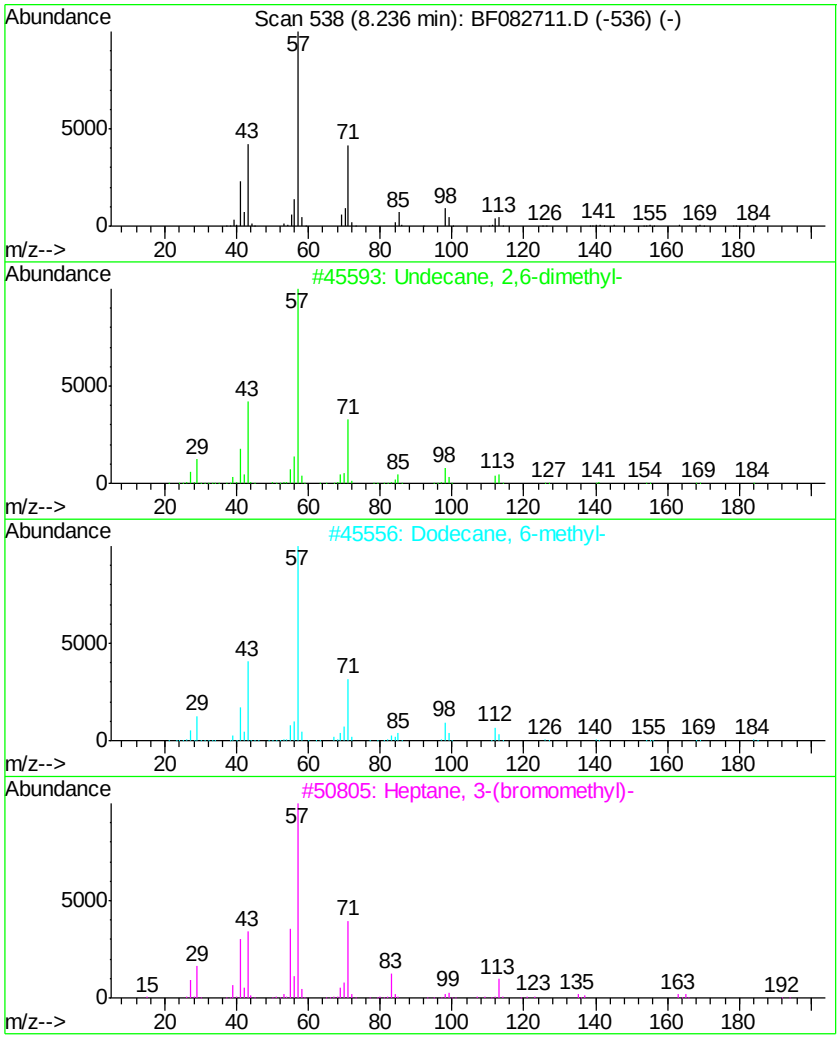
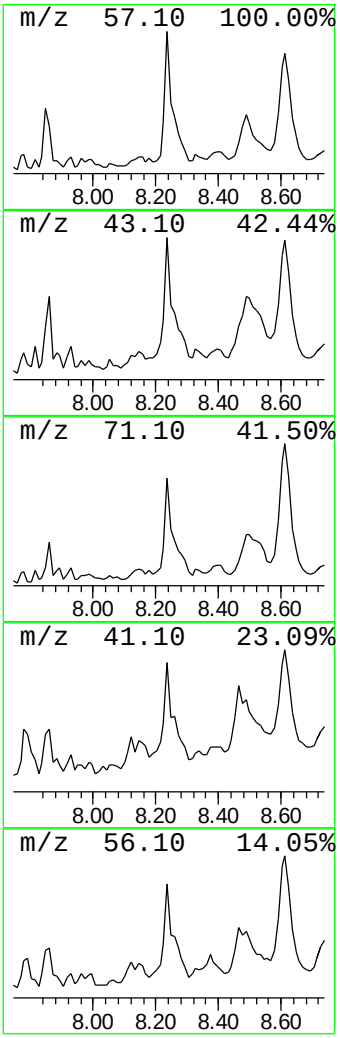
Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	63.43 ng	9204820	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : TP-15(3)

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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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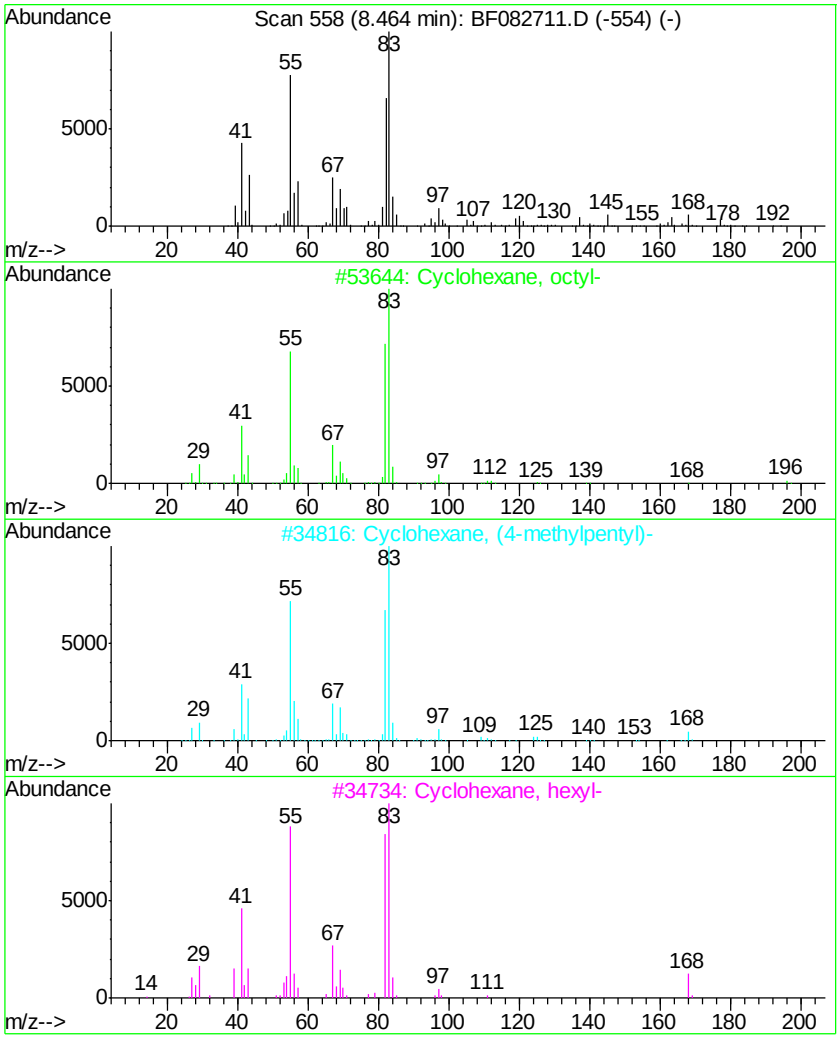
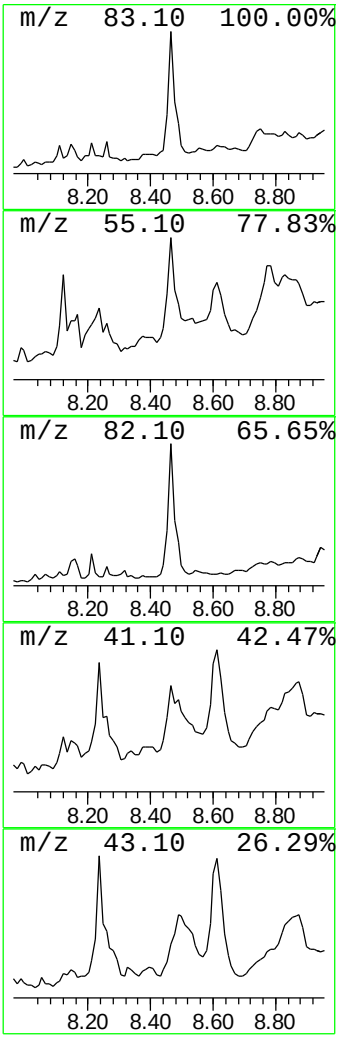
Peak Number 13 Cyclohexane, octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	98.37 ng	14275500	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72





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ClientSampleId : TP-15(3)

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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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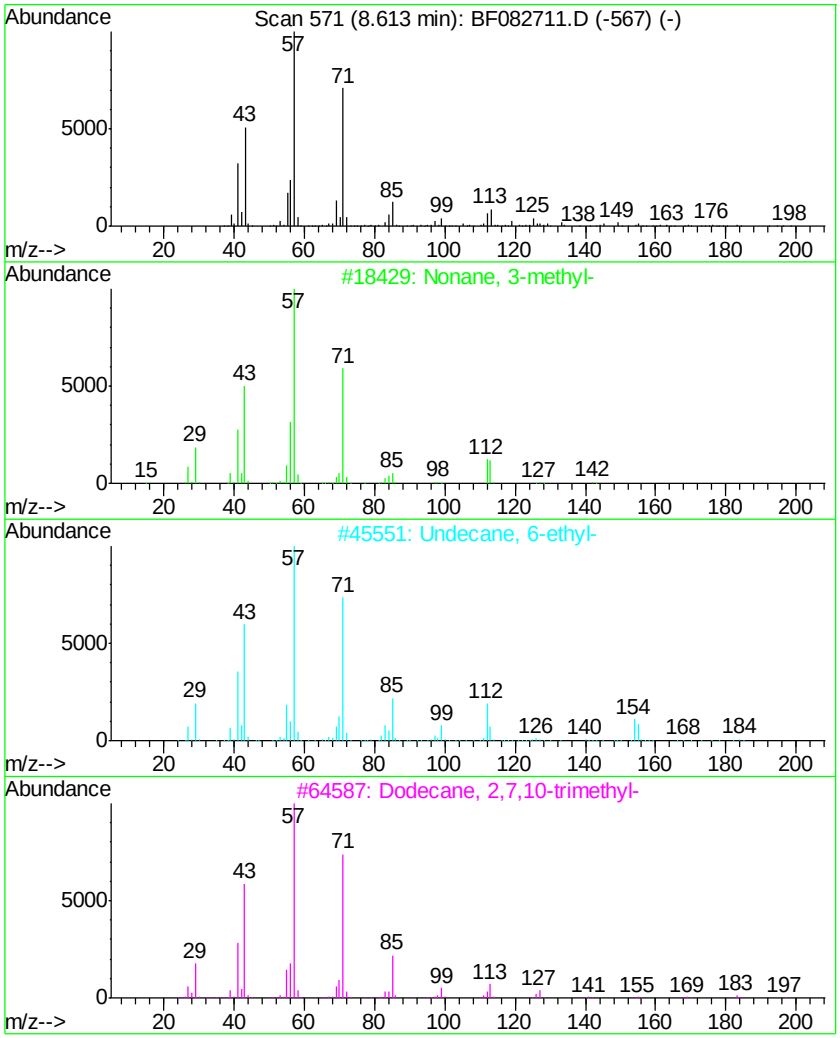
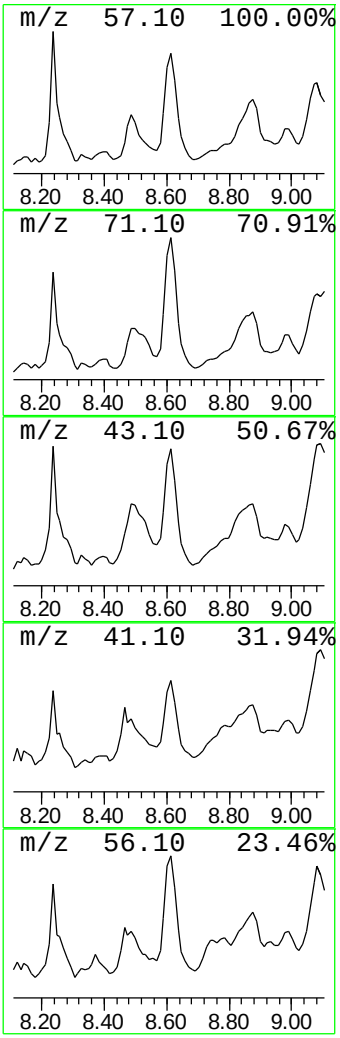
Peak Number 14 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	68.52 ng	9943590	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





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Instrument : BNA_F
ClientSampleId : TP-15(3)

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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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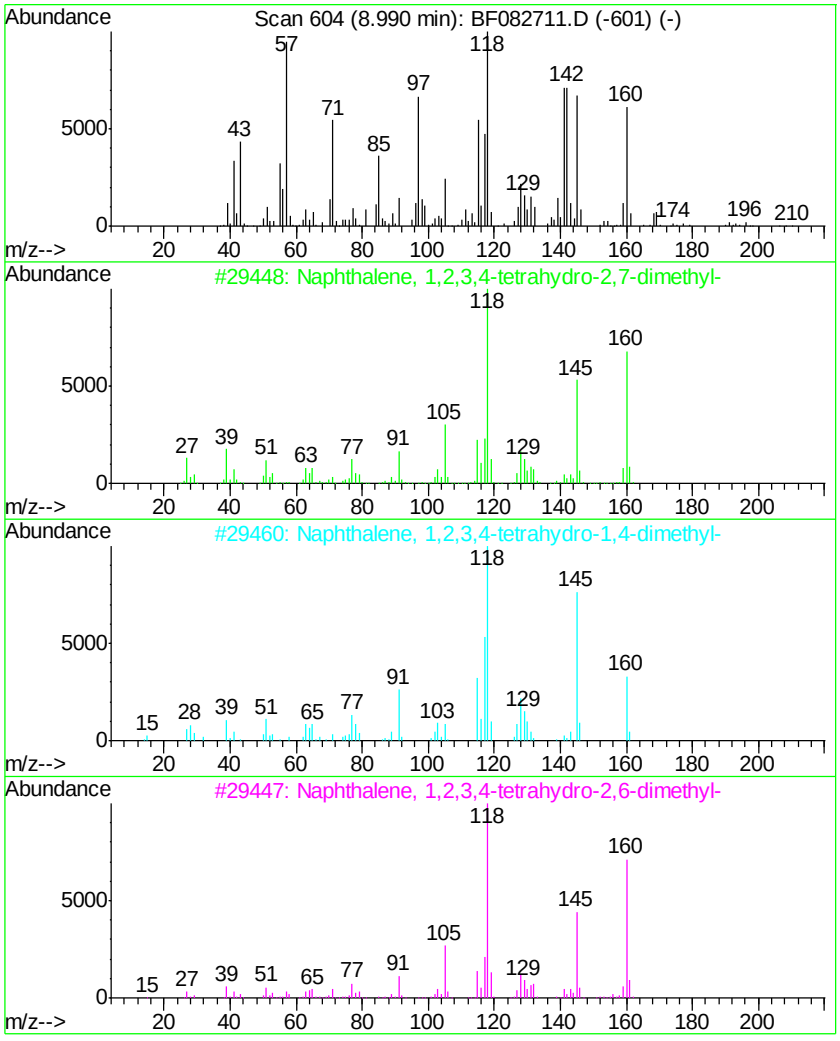
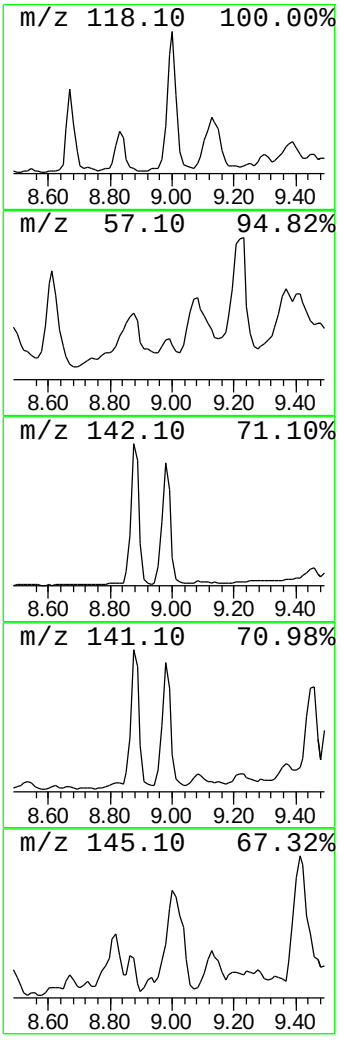
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	31.24 ng	4532830	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	50
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	43
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	43





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Misc :
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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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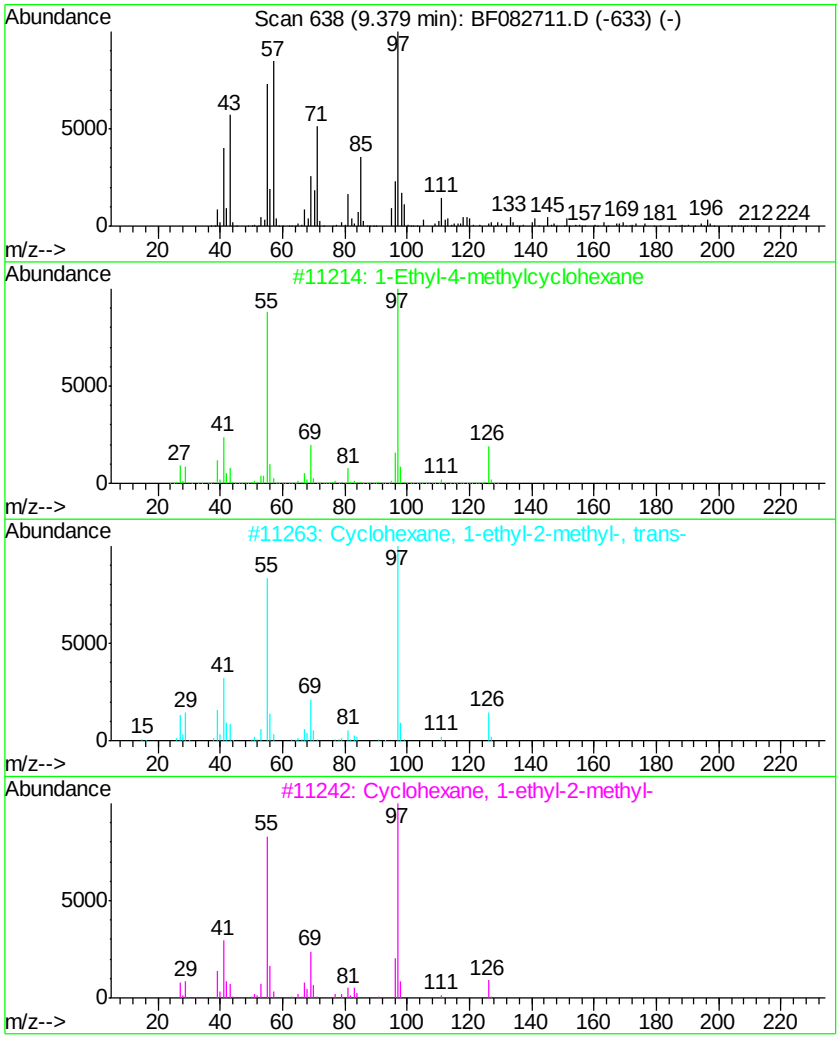
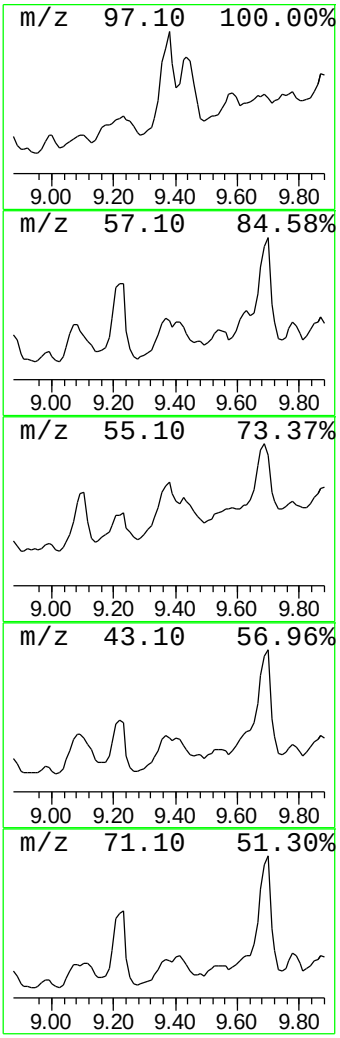
Peak Number 16 unknown9.38 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	19.45 ng	28622800	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4	Dodecane	170	C12H26	000112-40-3	38
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	35





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TIC Library : C:\DATABASE\NIST02.L
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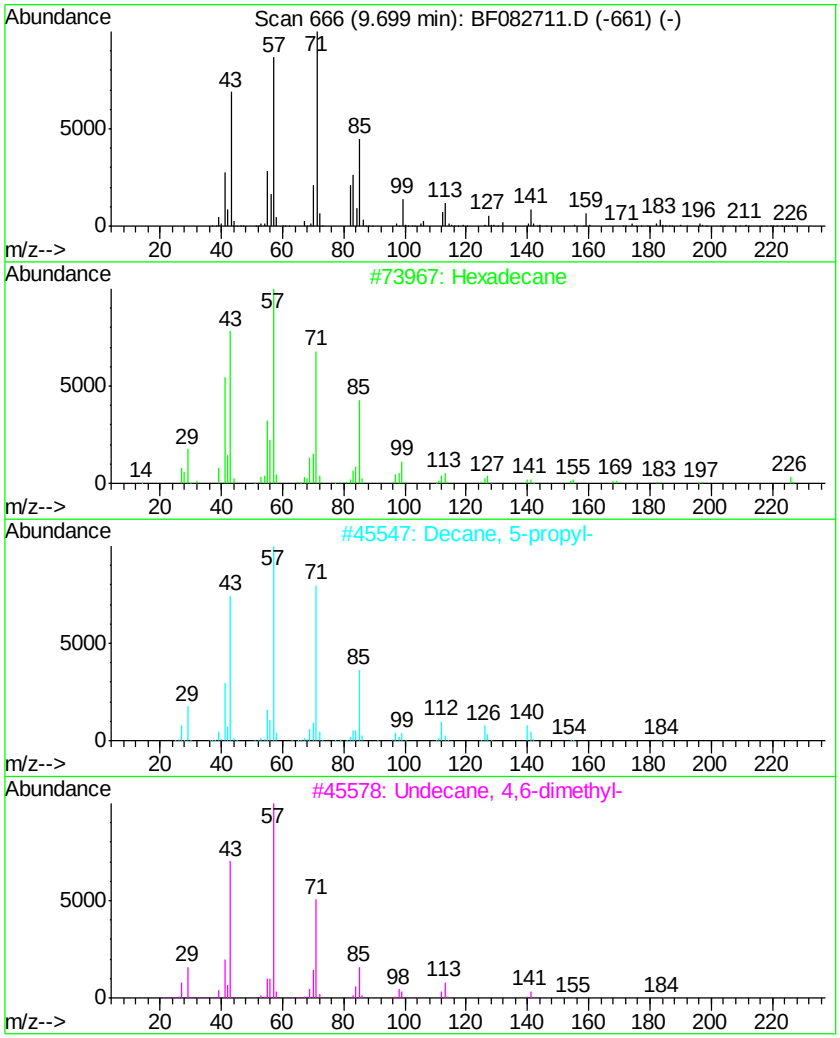
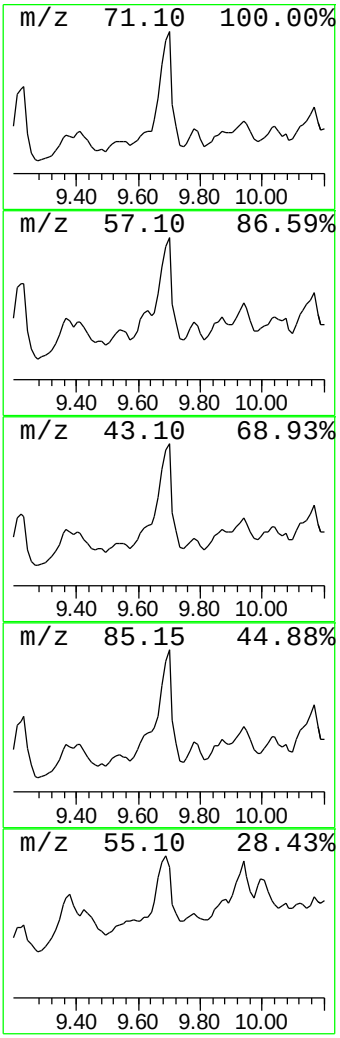
Peak Number 17 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	20.00 ng	29434300	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Decane, 5-propyl-	184	C13H28	017312-62-8	58
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	50
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49





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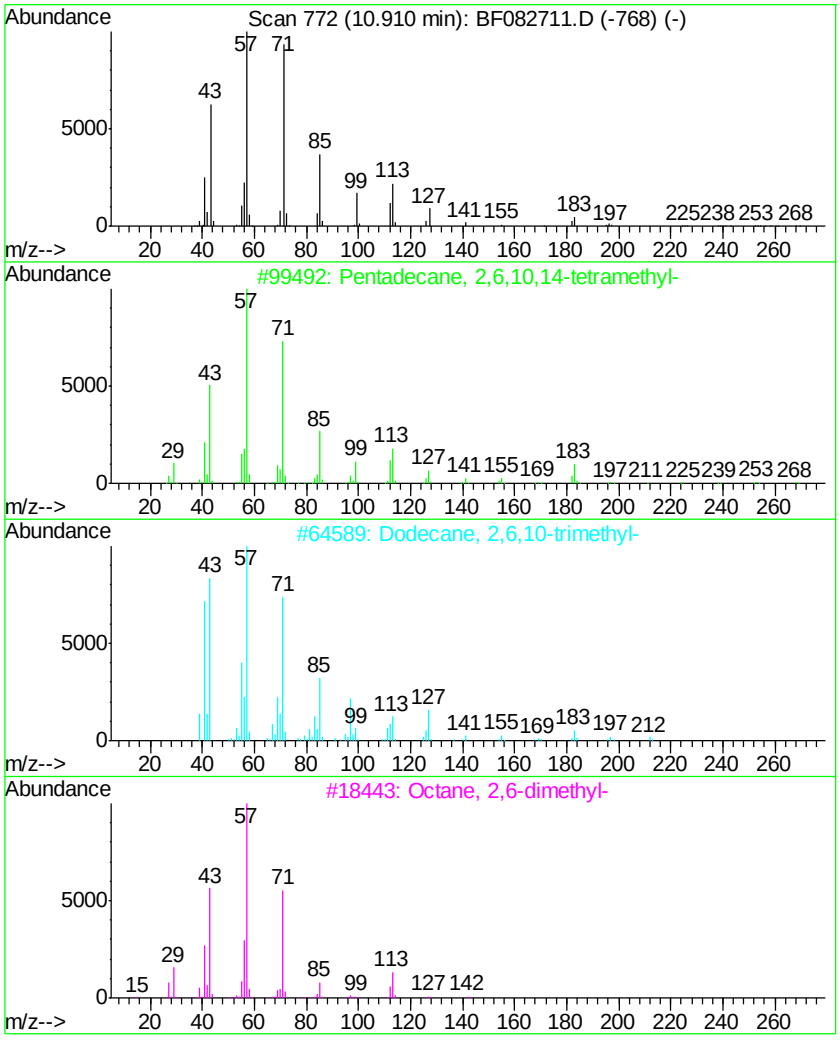
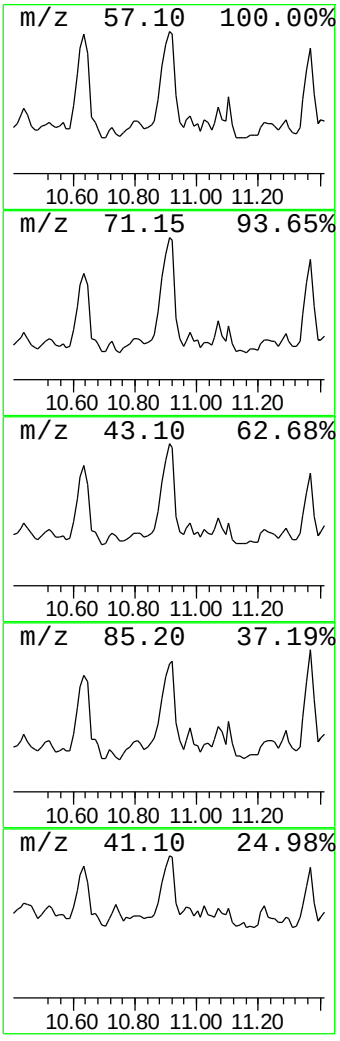
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	54.55 ng	18800000	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53





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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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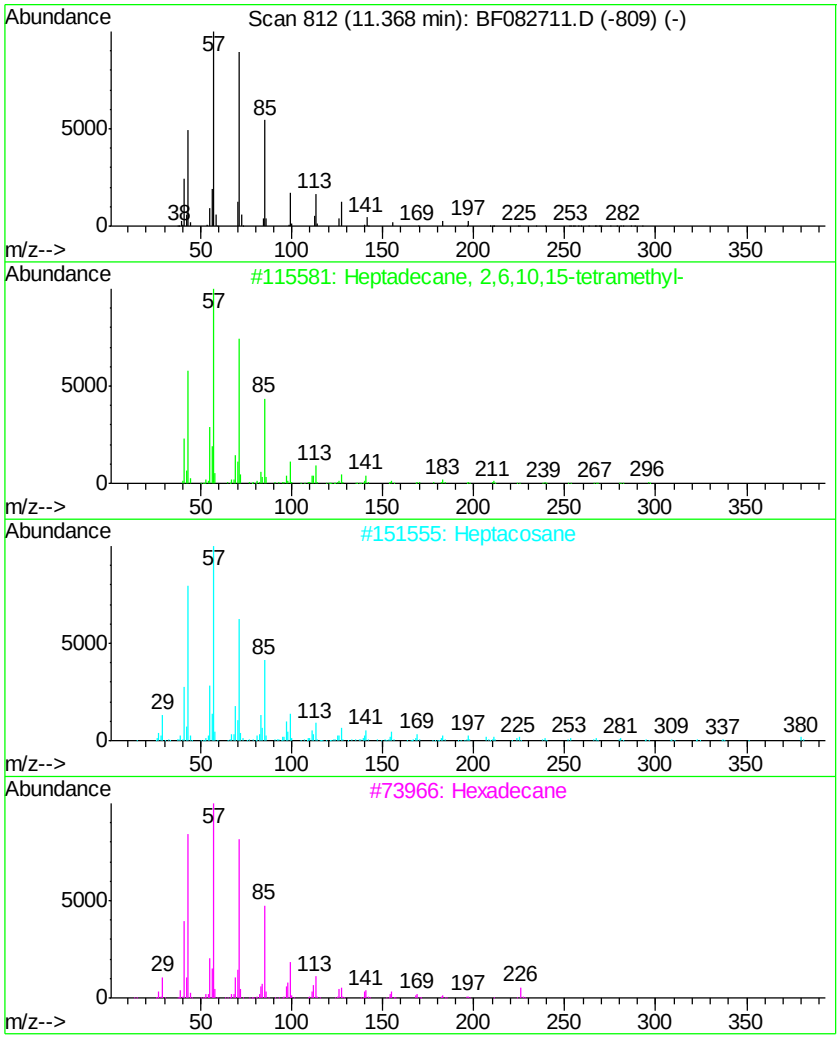
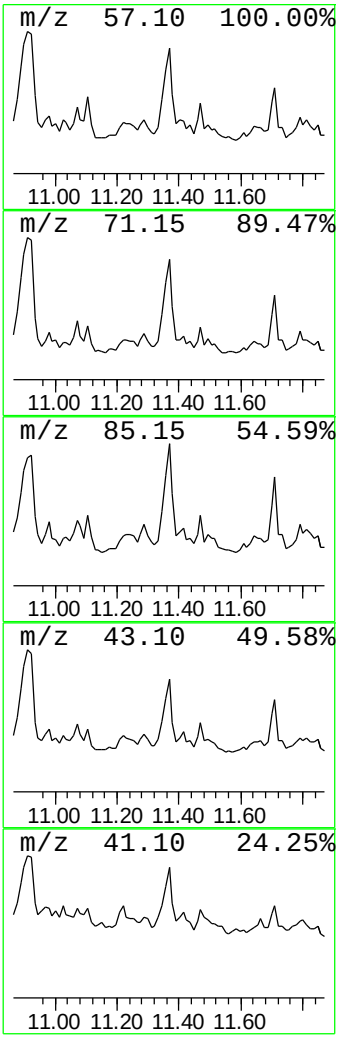
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	34.43 ng	11865200	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Heptacosane	380	C27H56	000593-49-7	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	10-Methylnonadecane	282	C20H42	056862-62-5	72
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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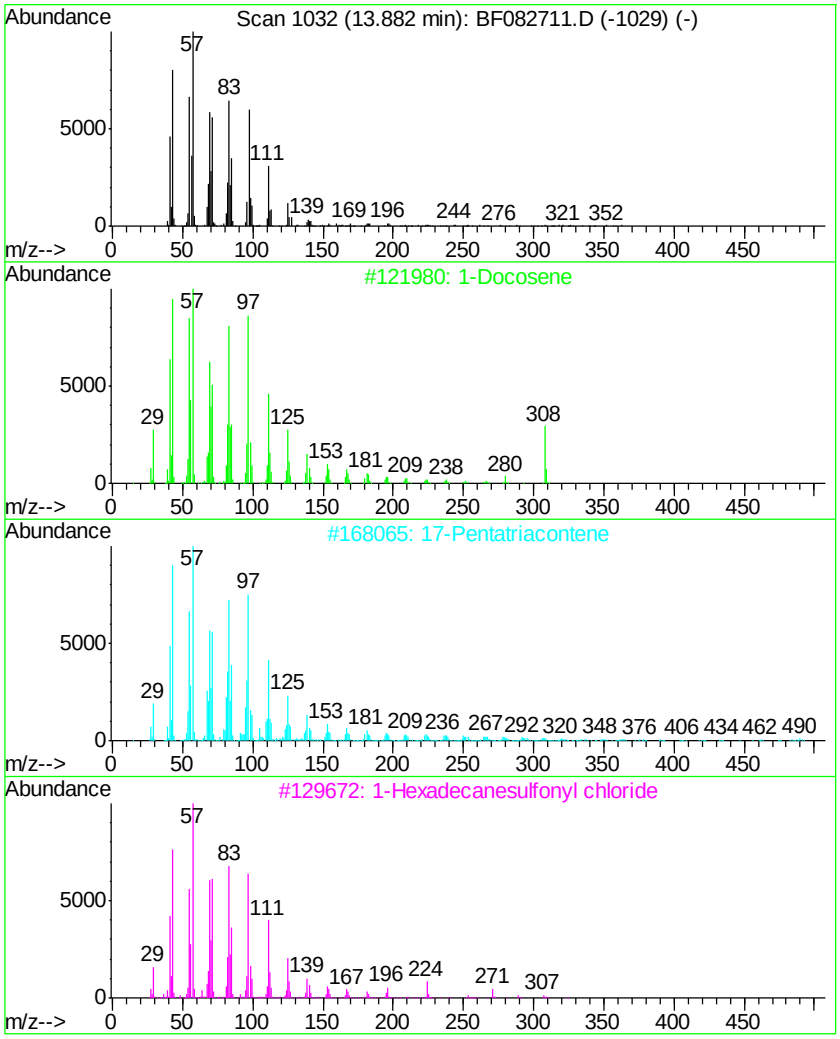
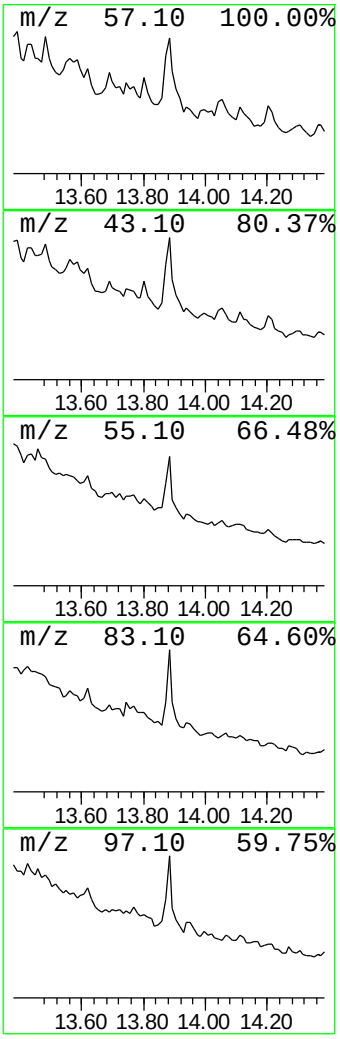
Peak Number 20 1-Docosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	26.49 ng	1570970	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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
2-Pentanone, 4-hy...	5.05	42.5	ng	3153080	1	6.86	1485110	20.0
unknown6.12	6.12	29.4	ng	2184090	1	6.86	1485110	20.0
Decane, 2,5,6-tri...	6.32	24.9	ng	1849670	1	6.86	1485110	20.0
unknown6.64	6.64	110.8	ng	8223780	1	6.86	1485110	20.0
Benzene, 1,2,3-tr...	6.69	21.1	ng	1567270	1	6.86	1485110	20.0
Undecane	7.12	20.7	ng	1538860	1	6.86	1485110	20.0
Heptane, 4-ethyl-	7.16	19.5	ng	1449700	1	6.86	1485110	20.0
Octane, 2-methyl-	7.60	22.3	ng	3230330	2	8.16	2902400	20.0
Benzene, 1,2,4,5-...	7.68	37.5	ng	5445090	2	8.16	2902400	20.0
Cyclohexane, pentyl-	7.79	42.3	ng	6144410	2	8.16	2902400	20.0
Undecane, 2,6-dim...	8.24	63.4	ng	9204820	2	8.16	2902400	20.0
Cyclohexane, octyl-	8.46	98.4	ng	14275500	2	8.16	2902400	20.0
Nonane, 3-methyl-	8.61	68.5	ng	9943590	2	8.16	2902400	20.0
Naphthalene, 1,2,...	8.99	31.2	ng	4532830	2	8.16	2902400	20.0
unknown9.38	9.38	19.4	ng	28622800	3	9.94	29434300	20.0
Hexadecane	9.70	20.0	ng	29434300	3	9.94	29434300	20.0
Pentadecane, 2,6,...	10.91	54.5	ng	18800000	4	11.44	6892980	20.0
Heptadecane, 2,6,...	11.37	34.4	ng	11865200	4	11.44	6892980	20.0
1-Docosene	13.88	26.5	ng	1570970	5	14.03	1186150	20.0