LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF113015.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	4.624	256	257	262	rBV	292789	455627	9.18%	1.045%
2	4.704	262	264	270	rVB	81133	131927	2.66%	0.303%
3	5.116	298	300	310	rBV	1995776	2483238	50.03%	5.696%
4	5.539	333	337	343	rVB2	38339	59978	1.21%	0.138%
5	6.202	393	395	401	rBV	1626780	1741099	35.08%	3.994%
6	6.305	401	404	406	rBV	4104573	4152189	83.65%	9.524%
7	6.476	416	419	421	rBV3	24553	57382	1.16%	0.132%
8	6.522	421	423	430	rVB	810591	1121054	22.58%	2.571%
9	6.682	435	437	440	rBV	3312753	3428617	69.07%	7.864%
10	6.750	440	443	448	rVB4	28579	68158	1.37%	0.156%
11	6.887	451	455	457	rBV4	26084	60526	1.22%	0.139%
12	6.990	461	464	468	rVB3	29151	65118	1.31%	0.149%
13	7.059	468	470	472	rBV2	45786	89704	1.81%	0.206%
14	7.105	472	474	476	rBV	3113681	3083947	62.13%	7.074%
15	7.310	489	492	494	rBV4	49976	52919	1.07%	0.121%
16	7.402	496	500	505	rVB4	58604	148295	2.99%	0.340%
17	7.505	505	509	510	rBV2	47745	99318	2.00%	0.228%
18	7.550	510	513	514	rBV2	66071	122393	2.47%	0.281%
19	7.653	520	522	526	rVB2	128676	153034	3.08%	0.351%
20	7.710	526	527	530	rVB3	81964	73473	1.48%	0.169%
21	7.756	530	531	534	rBV2	41223	60394	1.22%	0.139%
22	7.813	534	536	539	rBV	1133849	1369293	27.59%	3.141%
23	7.939	544	547	548	rBV2	53940	84257	1.70%	0.193%
24	8.065	554	558	559	rBV3	127011	158893	3.20%	0.364%
25	8.202	566	570	572	rBV3	104557	267626	5.39%	0.614%
26	8.293	575	578	579	rVV2	101783	163322	3.29%	0.375%
27	8.328	579	581	584	rVB3	95254	206961	4.17%	0.475%
28	8.385	584	586	588	rBV2	69274	140024	2.82%	0.321%
29	8.419	588	589	591	rVB2	75651	63240	1.27%	0.145%
30	8.488	591	595	596	rBV3	58116	144945	2.92%	0.332%
31	8.510	596	597	600	rVB2	129064	130026	2.62%	0.298%
32	8.590	600	604	606	rBV	310111	541974	10.92%	1.243%
33	8.625	606	607	609	rVV2	118164	113230	2.28%	0.260%
34	8.670	609	611	612	rVV2	53088	76307	1.54%	0.175%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.705	612	614	619	rVB2	226938	362720	7.31%	0.832%
36	8.808	619	623	624	rBV2	251006	496336	10.00%	1.138%
37	8.842	624	626	628	rVB2	133112	181851	3.66%	0.417%
38	8.899	628	631	635	rVB	5193455	4963739	100.00%	11.385%
39	9.025	638	642	644	rBV5	193284	378653	7.63%	0.869%
40	9.162	653	654	658	rBV4	87027	204233	4.11%	0.468%
41	9.231	658	660	661	rVV	135761	175461	3.53%	0.402%
42	9.265	661	663	664	rVV	131331	165474	3.33%	0.380%
43	9.299	664	666	669	rVV	206549	294101	5.92%	0.675%
44	9.356	669	671	673	rVV3	48432	81102	1.63%	0.186%
45	9.402	673	675	679	rVV4	174488	383225	7.72%	0.879%
46	9.516	682	685	686	rVV3	131894	243907	4.91%	0.559%
47	9.562	686	689	691	rVV	1426518	1337608	26.95%	3.068%
48	9.596	691	692	693	rVB	107470	74660	1.50%	0.171%
49	9.791	704	709	710	rBV	234318	320240	6.45%	0.735%
50	9.836	711	713	715	rVV2	110249	181998	3.67%	0.417%
51	9.871	715	716	718	rVV	222940	329460	6.64%	0.756%
52	9.928	718	721	725	rVB4	138418	306003	6.16%	0.702%
53	9.996	725	727	729	rVB3	92954	143239	2.89%	0.329%
54	10.076	733	734	736	rVB	99666	75057	1.51%	0.172%
55	10.259	748	750	753	rBV	247721	308552	6.22%	0.708%
56	10.351	753	758	760	rVV2	2592961	3556715	71.65%	8.158%
57	10.385	760	761	765	rVB4	81356	173323	3.49%	0.398%
58	10.488	767	770	772	rBV3	57968	118194	2.38%	0.271%
59	10.591	777	779	782	rVB3	50118	69740	1.40%	0.160%
60	10.705	787	789	793	rVV3	57112	85065	1.71%	0.195%
61	10.774	793	795	802	rVB6	48178	121515	2.45%	0.279%
62	10.979	811	813	818	rVB	71590	116991	2.36%	0.268%
63	11.094	820	823	826	rVB	1020639	1004199	20.23%	2.303%
64	11.494	855	858	861	rVB	45891	63016	1.27%	0.145%
65	11.699	874	876	879	rBV2	65136	123478	2.49%	0.283%
66	11.756	879	881	883	rVV2	58302	81150	1.63%	0.186%
67	11.802	883	885	890	rVB2	172115	290195	5.85%	0.666%
68	12.591	952	954	958	rBV5	25112	52704	1.06%	0.121%
69	12.865	976	978	986	rVB2	145414	229267	4.62%	0.526%
70	13.185	1002	1006	1008	rBV	2604487	3602091	72.57%	8.262%
71	14.614	1129	1131	1136	rBV	32618	65383	1.32%	0.150%

LSC Area Percent Report

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Sample : G4588-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.705	1136	1139	1142	rBV	687094	909617	18.33%	2.086%
73	16.774	1317	1320	1328	rBV	470947	707099	14.25%	1.622%
74	18.774	1492	1495	1501	rVB8	14204	51577	1.04%	0.118%

Sum of corrected areas: 43597426

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Operator : UM/IZ
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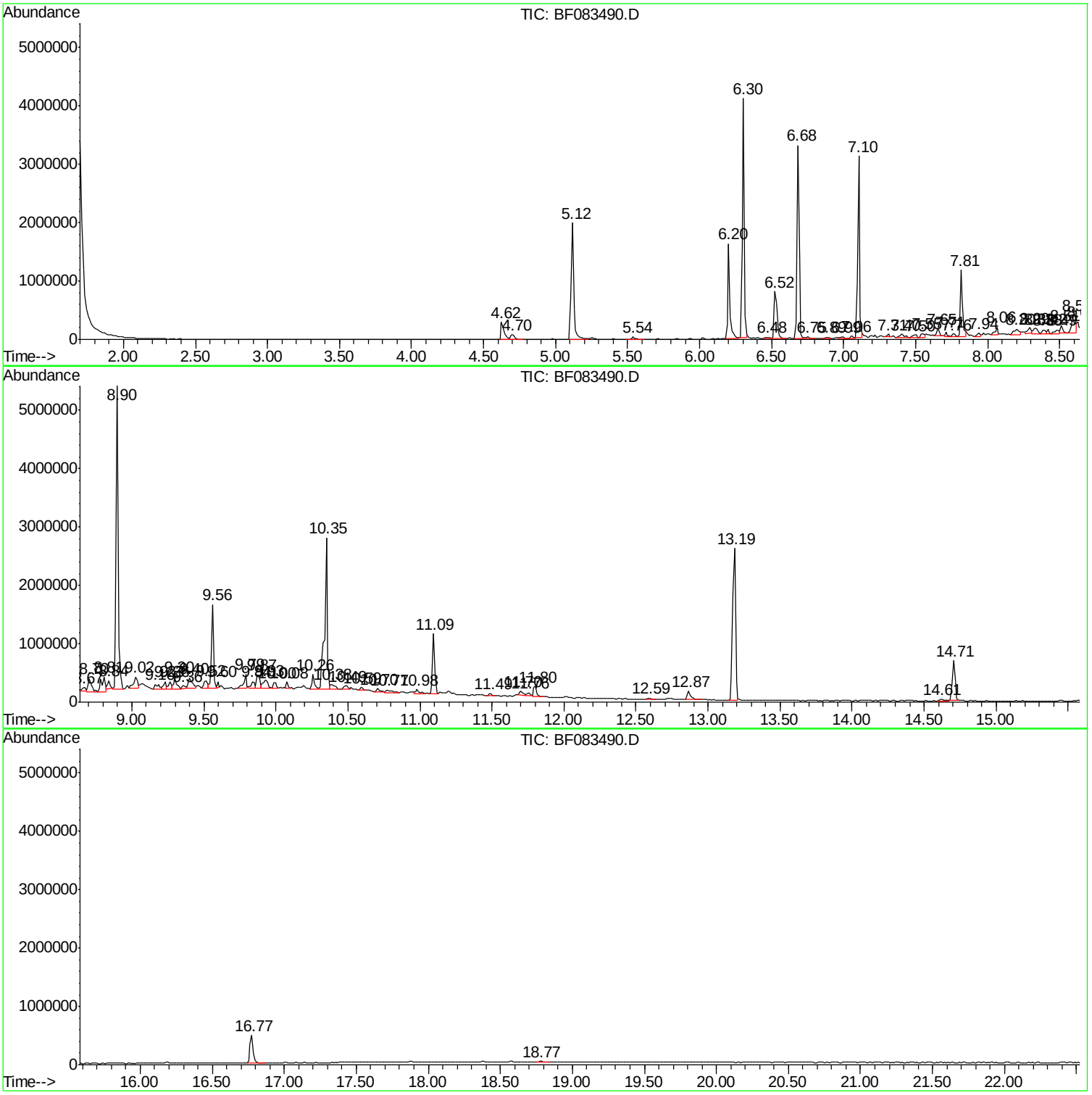
Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

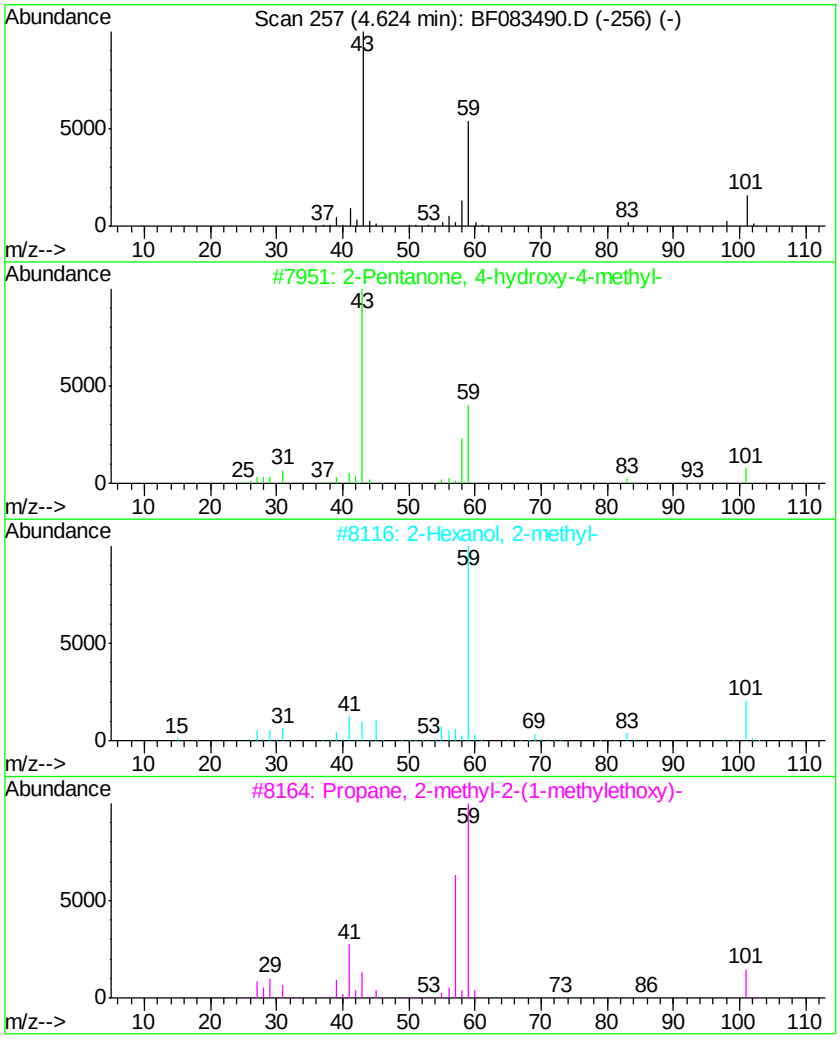
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

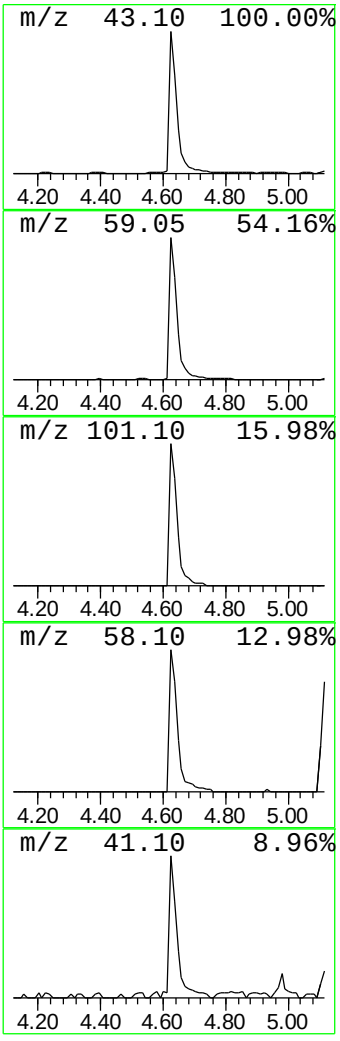
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	8.13 ng	455627	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

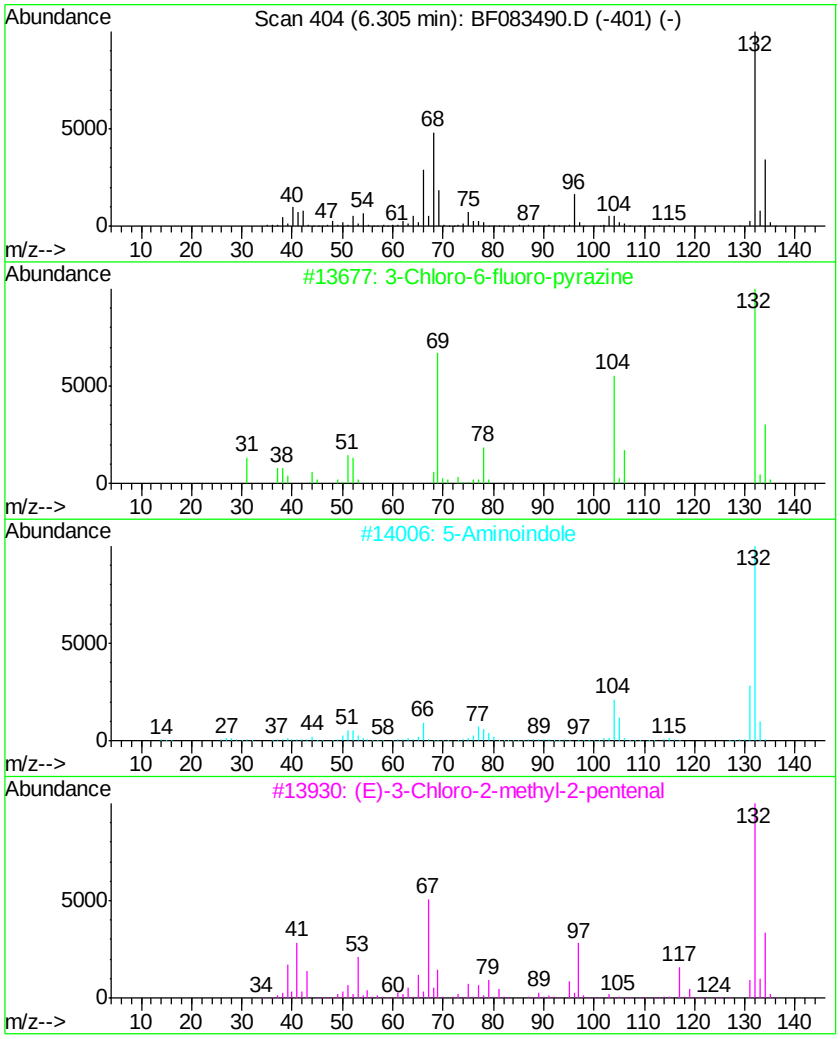
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

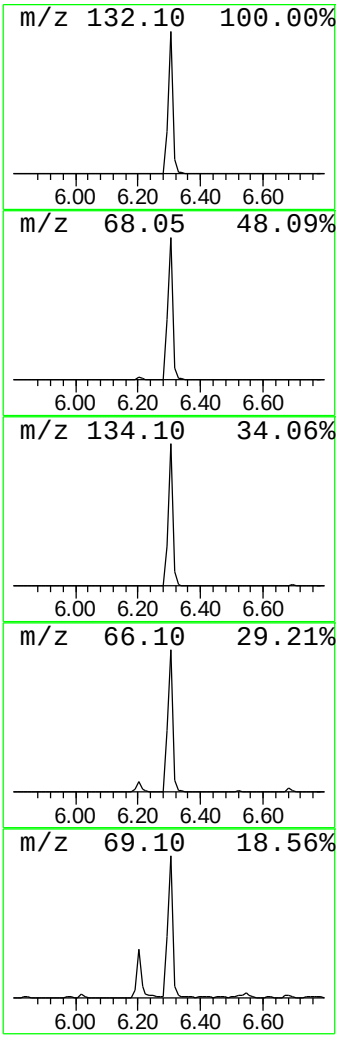
****

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	74.08 ng	4152190	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

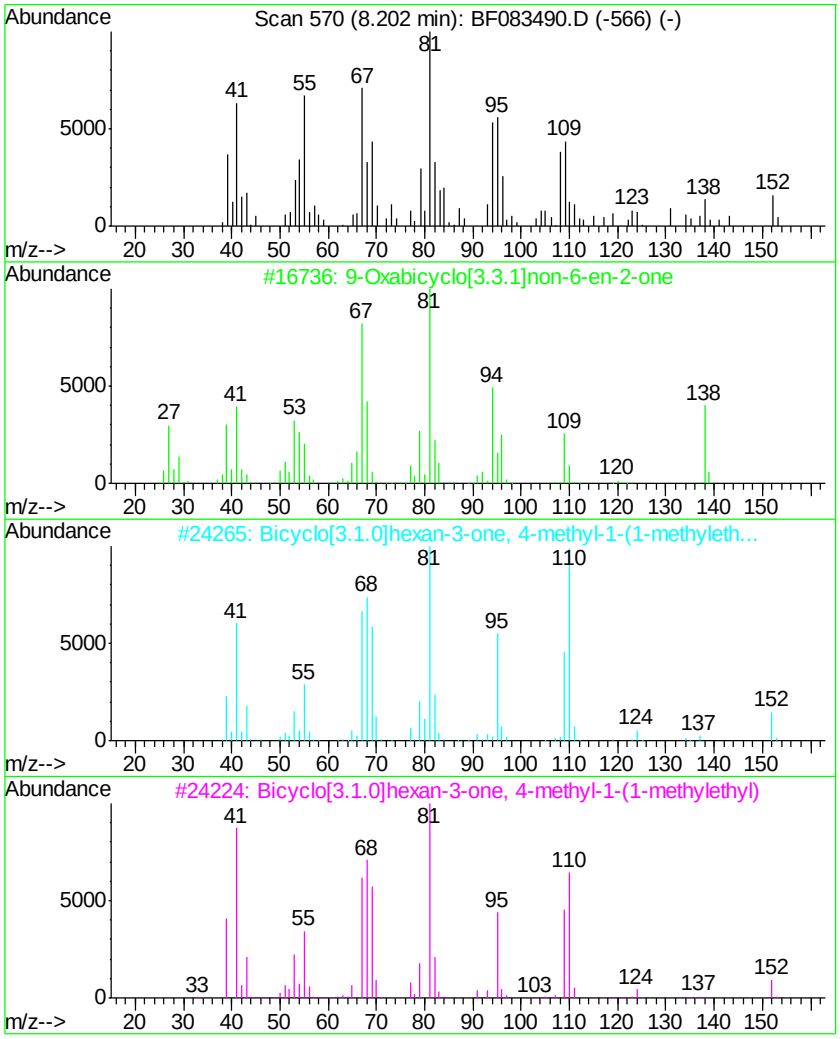
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

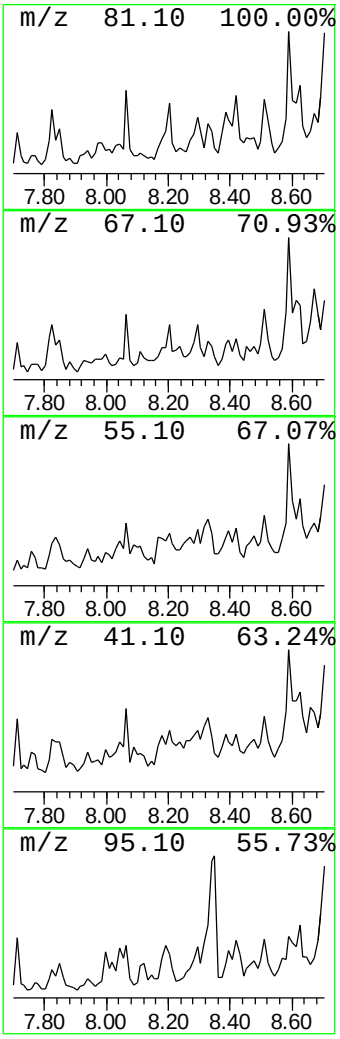
****

Peak Number 4 9-Oxabicyclo[3.3.1]non-6-en... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.91 ng	267626	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[3.3.1]non-6-en-2-one	138	C8H10O2	1000190-61-5	64
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	60
3	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	60
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	55
5	Cyclohexanone, 3-ethenyl-	124	C8H12O	001740-63-2	46





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Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

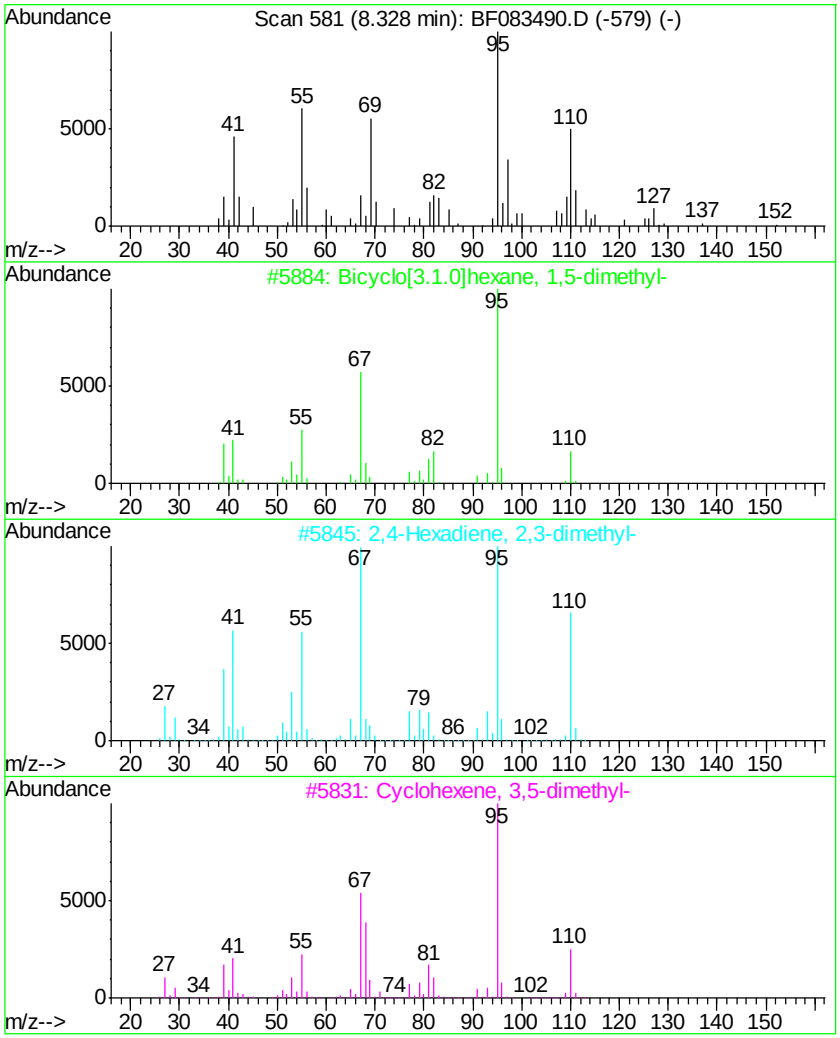
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

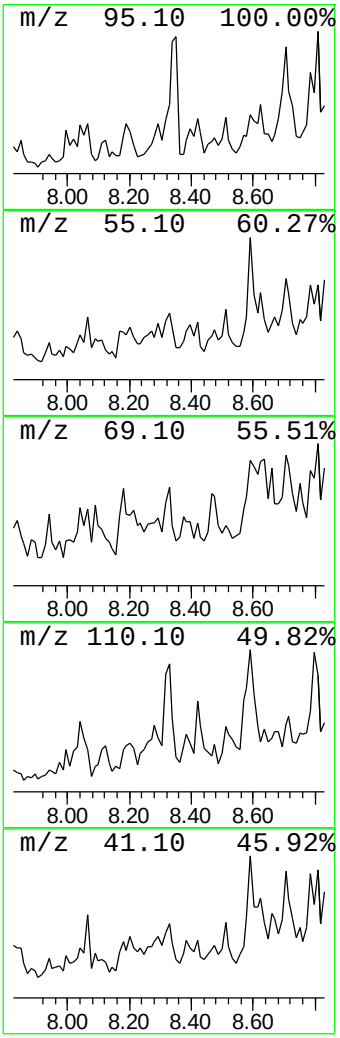
****

Peak Number 5 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	3.02 ng	206961	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	50
2	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	50
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
4	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	43
5	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	42





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Acq On : 4 Dec 2015 6:31
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Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

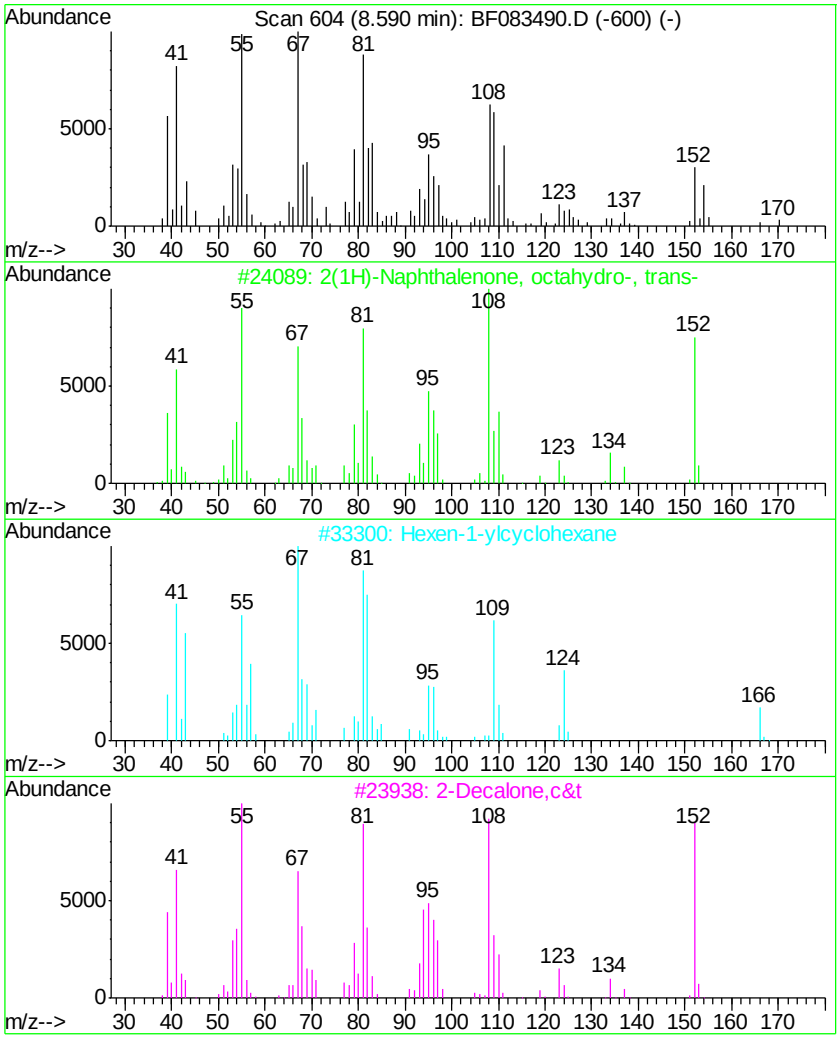
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

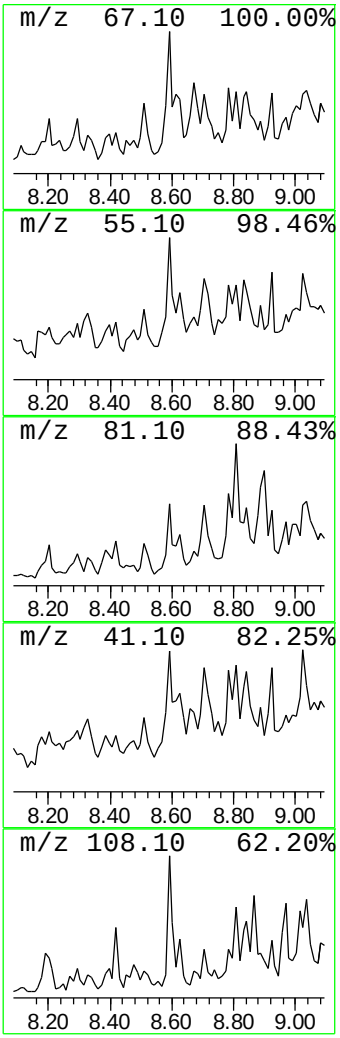
****

Peak Number 6 2(1H)-Naphthalenone, octahy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	7.92 ng	541974	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	89
2	Hexen-1-ylcyclohexane	166	C12H22	067975-92-2	64
3	2-Decalone,c&t	152	C10H16O	004832-17-1	60
4	Cyclooctane, ethenyl-	138	C10H18	061142-41-4	53
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	53





Library Search Compound Report

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Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

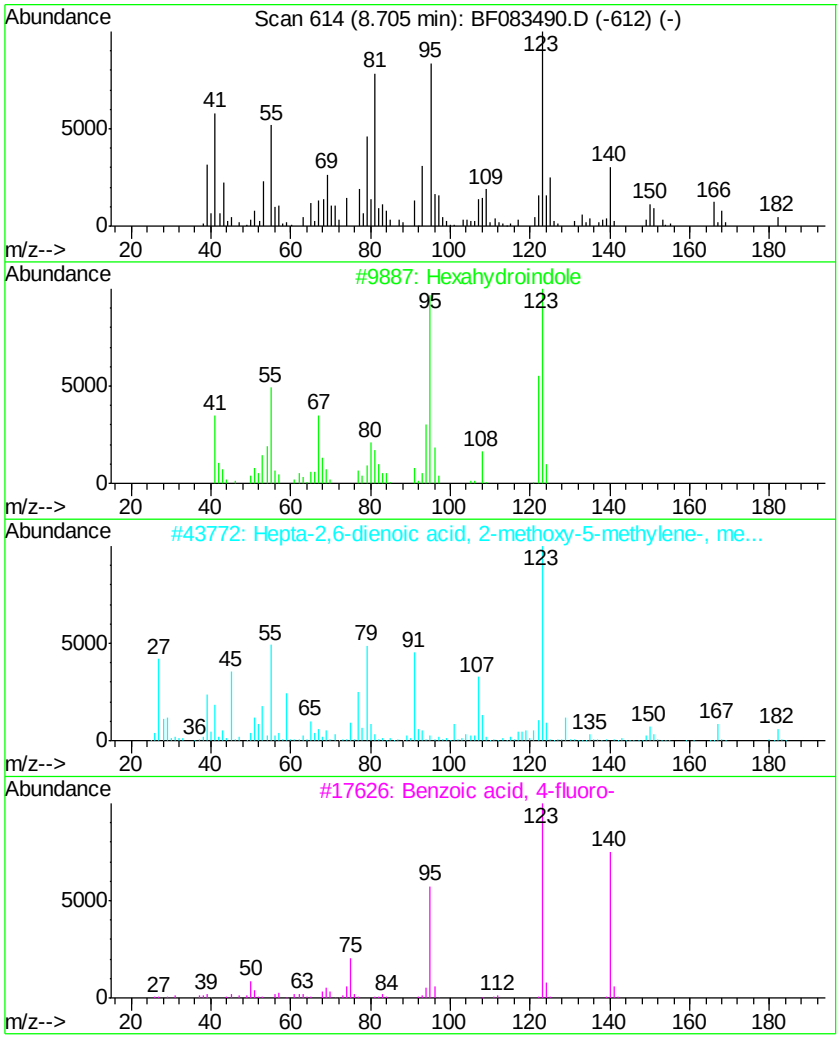
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

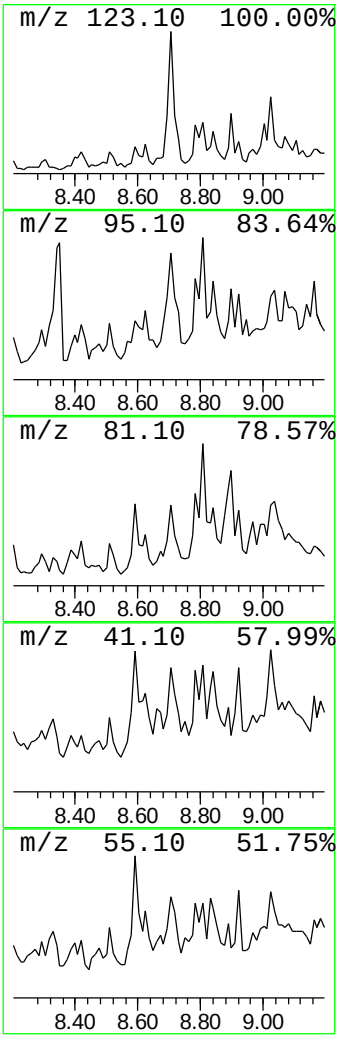
****

Peak Number 7 unknown8.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	5.42 ng	362720	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydroindole	123	C8H13N	018159-32-5	45
2	Hepta-2,6-dienoic acid, 2-methox...	182	C10H14O3	1000217-21-4	38
3	Benzoic acid, 4-fluoro-	140	C7H5FO2	000456-22-4	38
4	Benzoic acid, 2-fluoro-	140	C7H5FO2	000445-29-4	38
5	Benzoic acid, 3-fluoro-	140	C7H5FO2	000455-38-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
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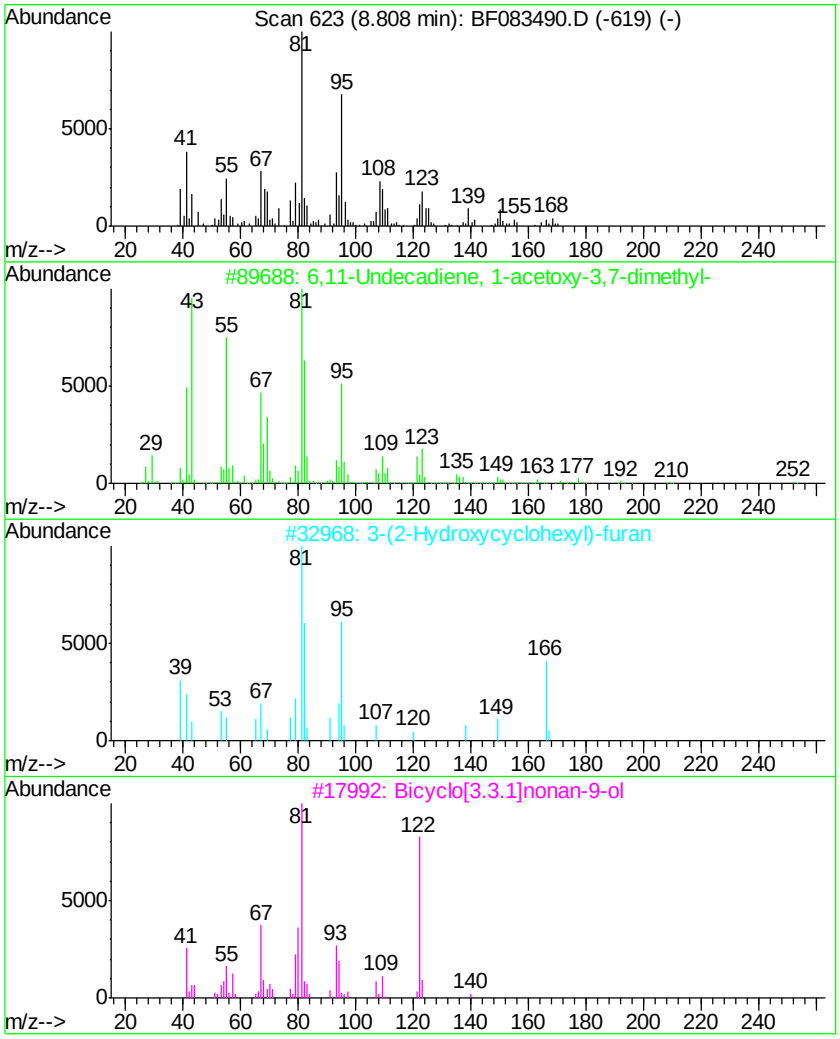
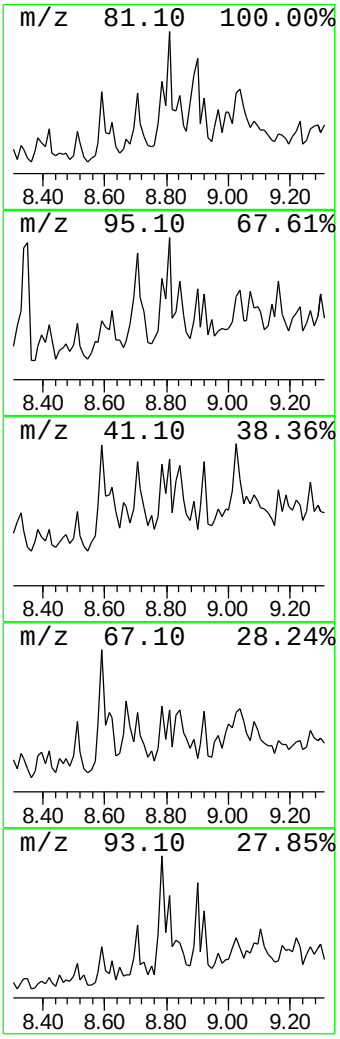
****

Peak Number 8 6,11-Undecadiene, 1-acetoxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	7.42 ng	496336	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,11-Undecadiene, 1-acetoxy-3,7-...	252	C16H28O2	1000150-66-0	64
2	3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	47
3	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	38
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	30
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	30





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Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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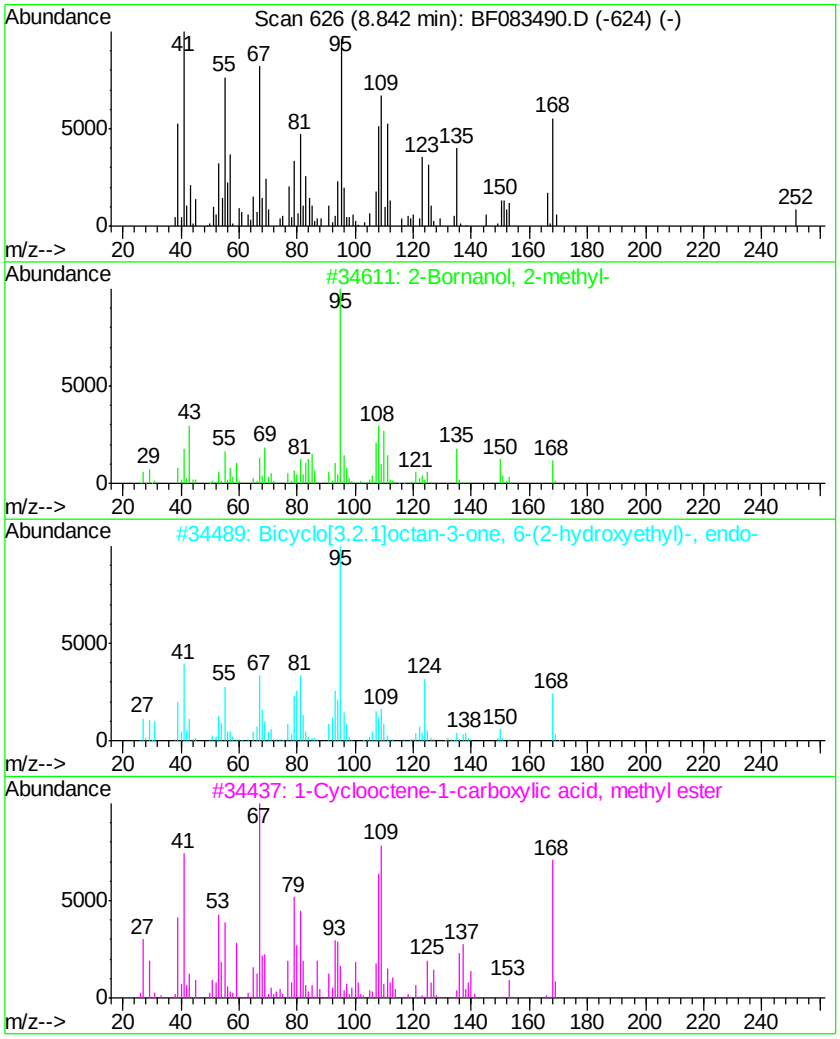
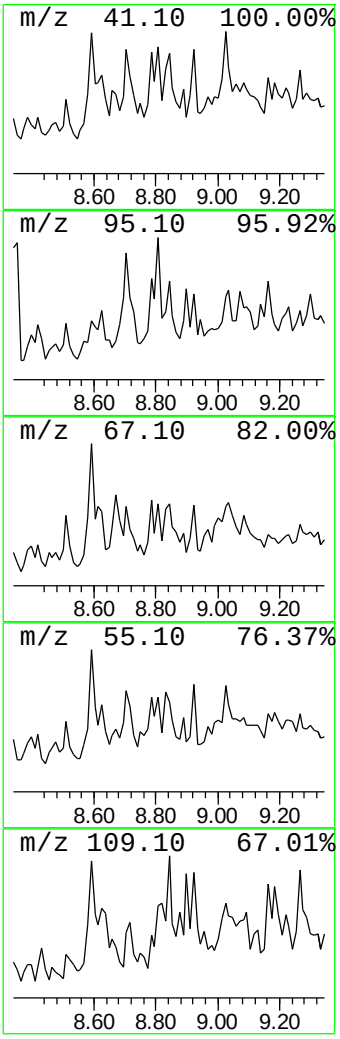
Peak Number 9 unknown8.84 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.72 ng	181851	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bornanol, 2-methyl-	168	C11H20O	091278-70-5	49
2	Bicyclo[3.2.1]octan-3-one, 6-(2-...	168	C10H16O2	074876-25-8	46
3	1-Cyclooctene-1-carboxylic acid,...	168	C10H16O2	056745-52-9	45
4	5-tert-Butyl-2,2-dimethyl-3(2H)-...	168	C10H16O2	076777-48-5	43
5	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	43





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ClientSampleId : MW-20

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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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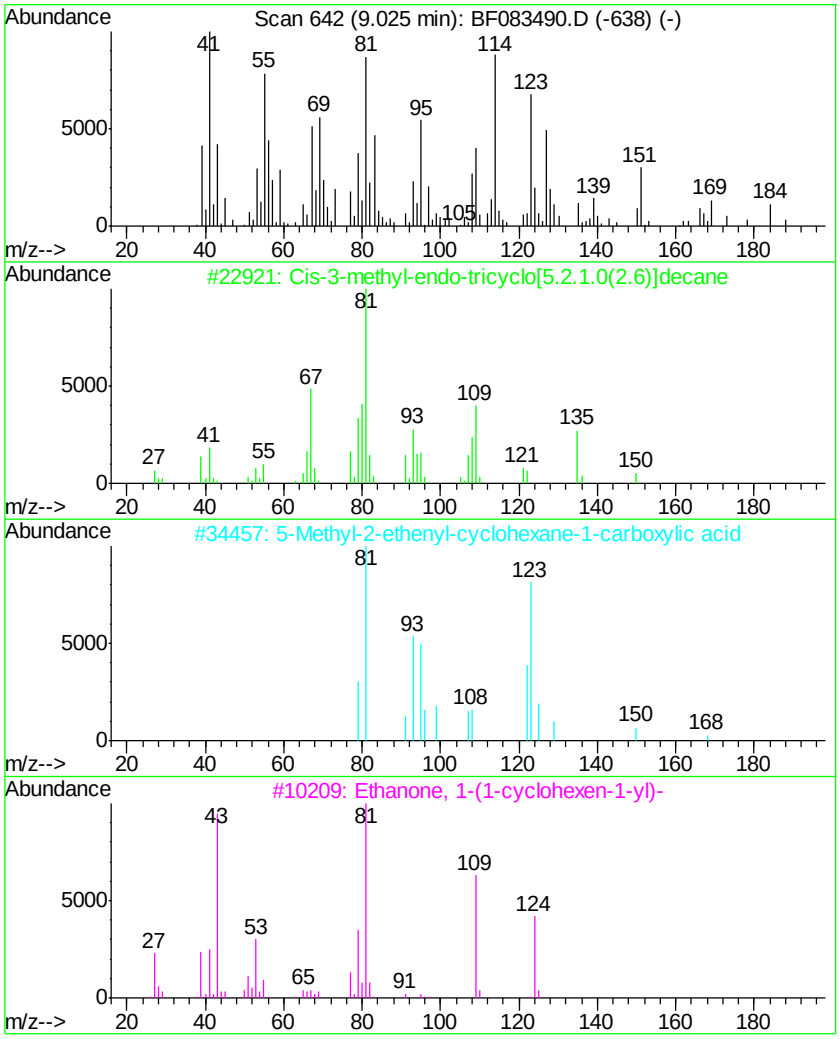
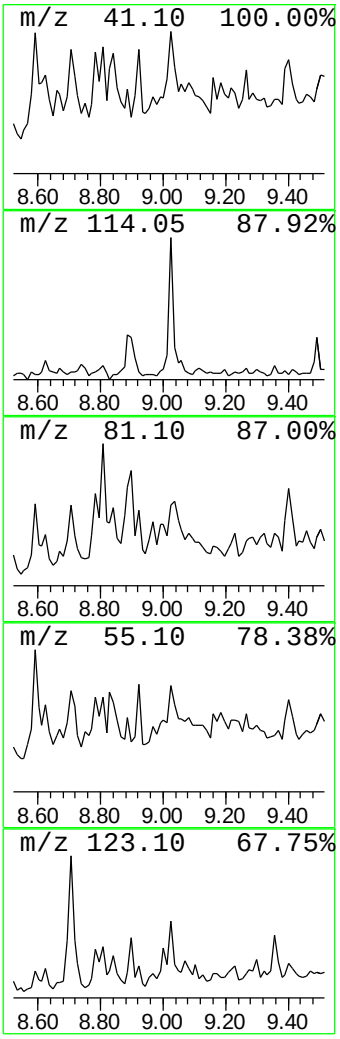
Peak Number 10 unknown9.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	5.66 ng	378653	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	35
2	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	30
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	25
4	Cyclohexene, 6-(2-butenyl)-1,5,5...	178	C13H22	053941-16-5	22
5	4-Decyne	138	C10H18	002384-86-3	11





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Sample : G4588-06
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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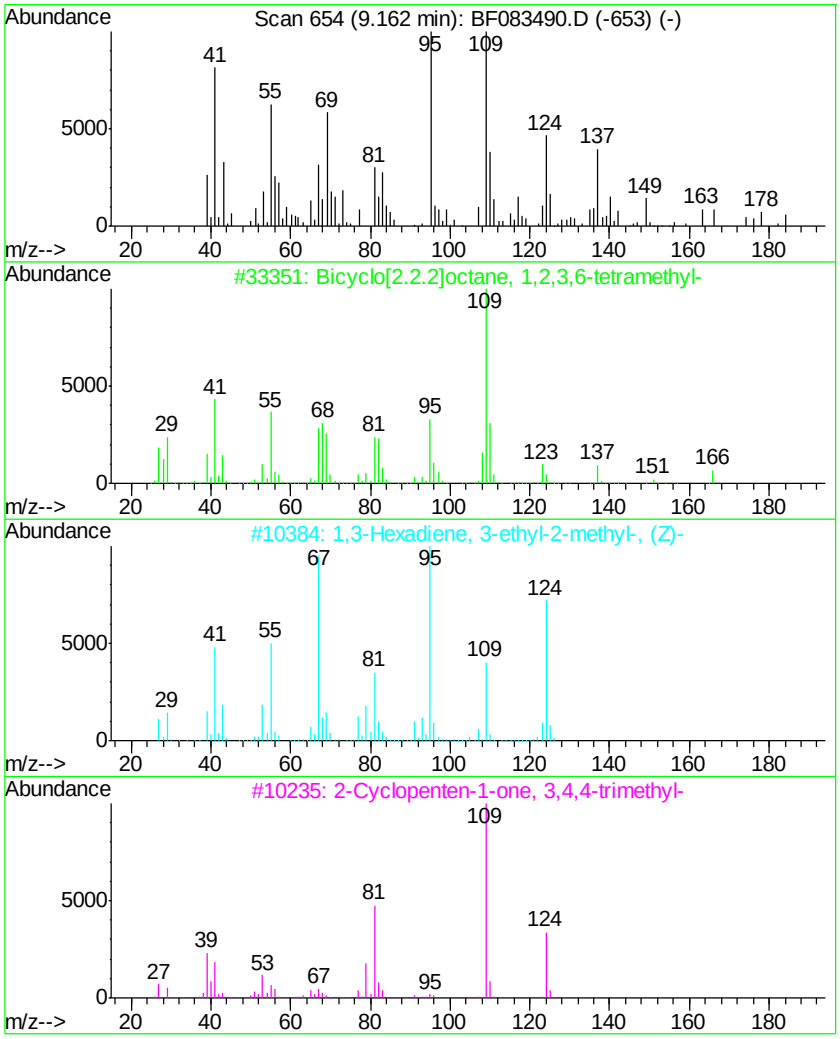
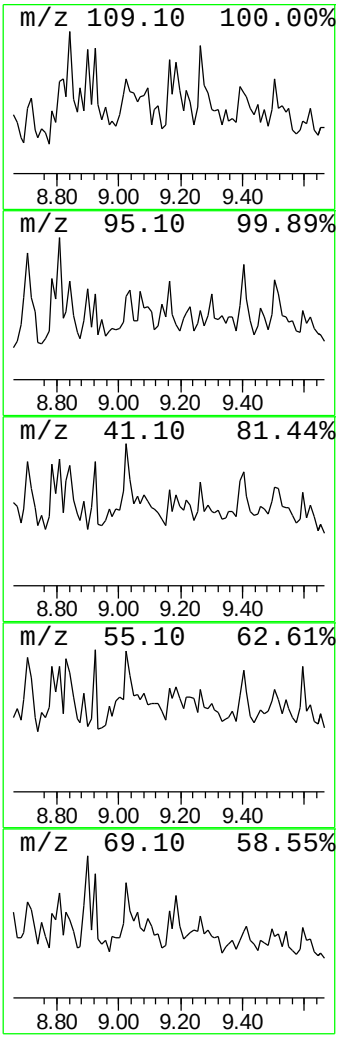
Peak Number 11 unknown9.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	3.05 ng	204233	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	38
2	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	35
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	30
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	30
5	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	27





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Sample : G4588-06
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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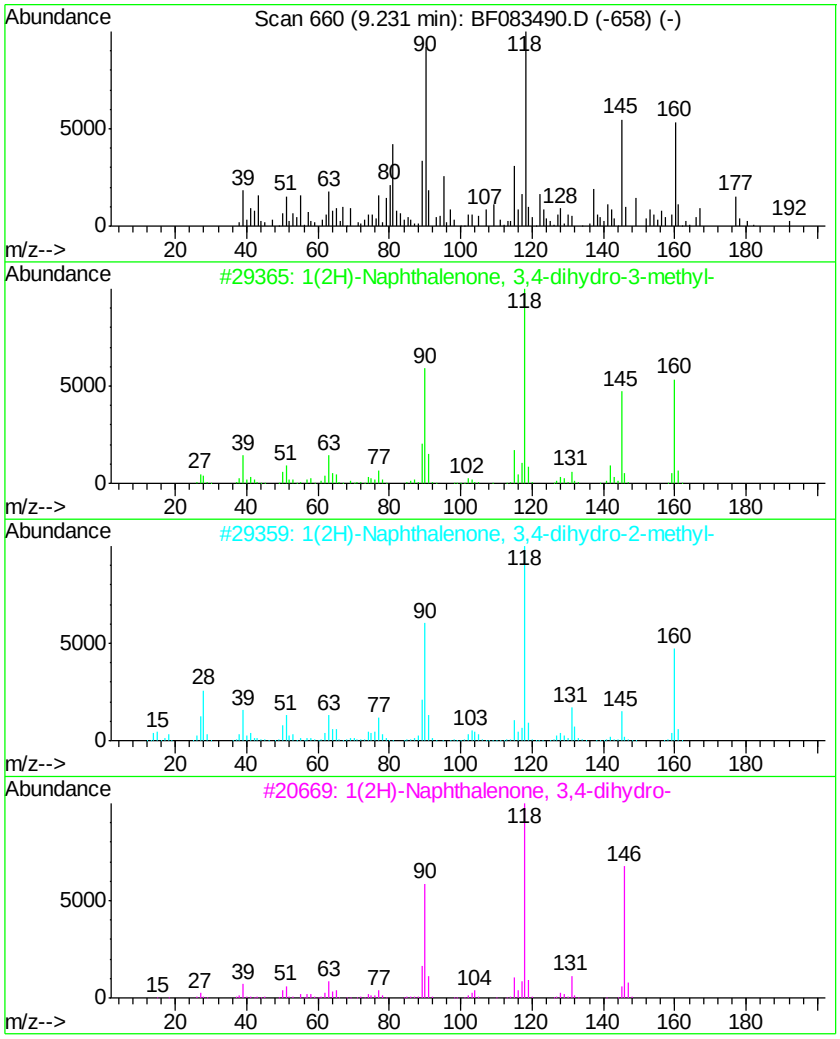
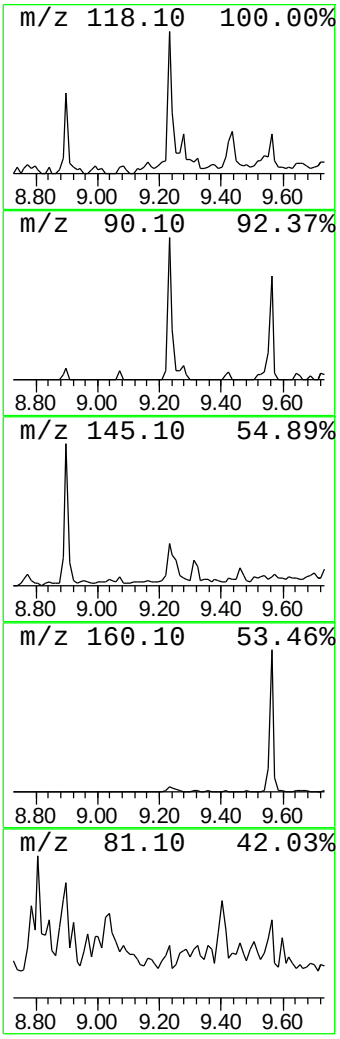
Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.62 ng	175461	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	90
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	83
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	76
4	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	70
5	1,3,5-Norcaratriene	90	C7H6	004646-69-9	53





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Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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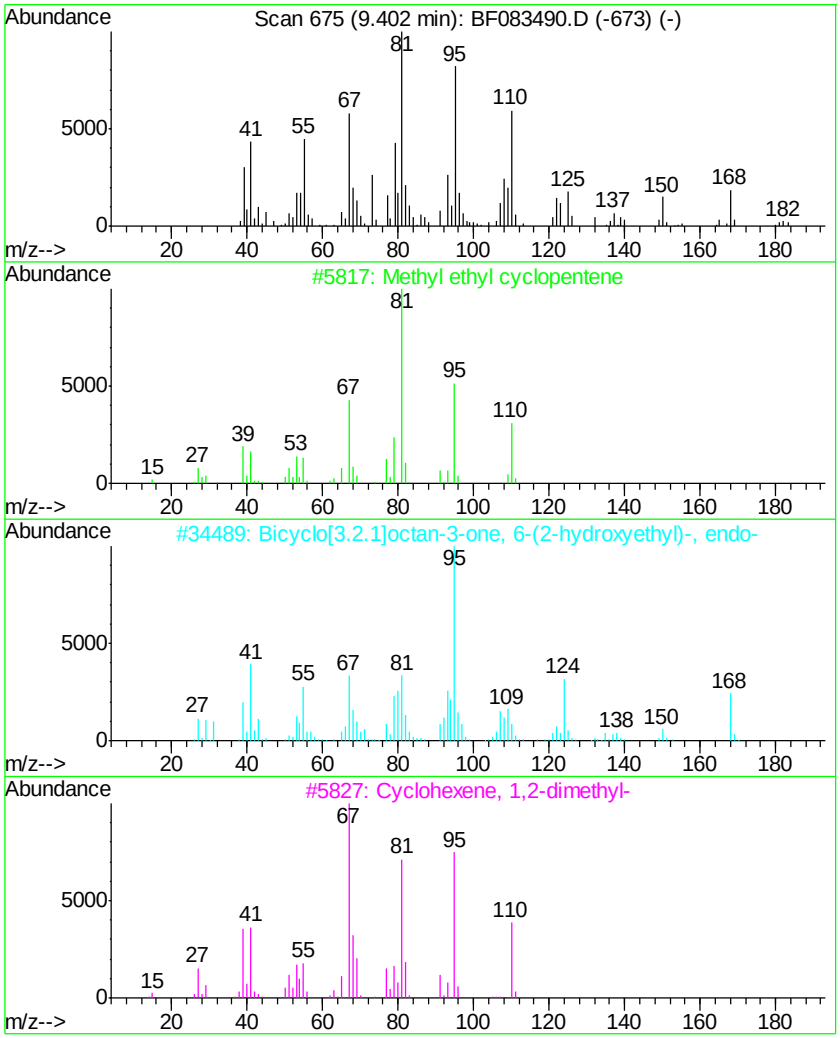
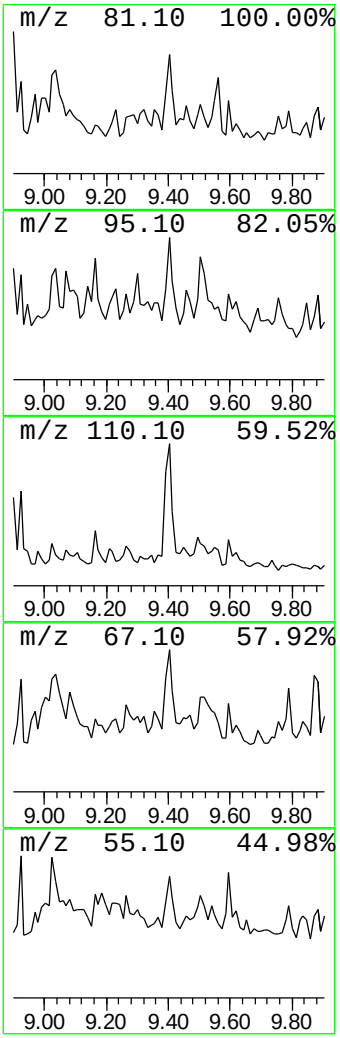
Peak Number 13 unknown9.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.73 ng	383225	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	49
2	Bicyclo[3.2.1]octan-3-one, 6-(2-...	168	C10H16O2	074876-25-8	46
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
4	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	38
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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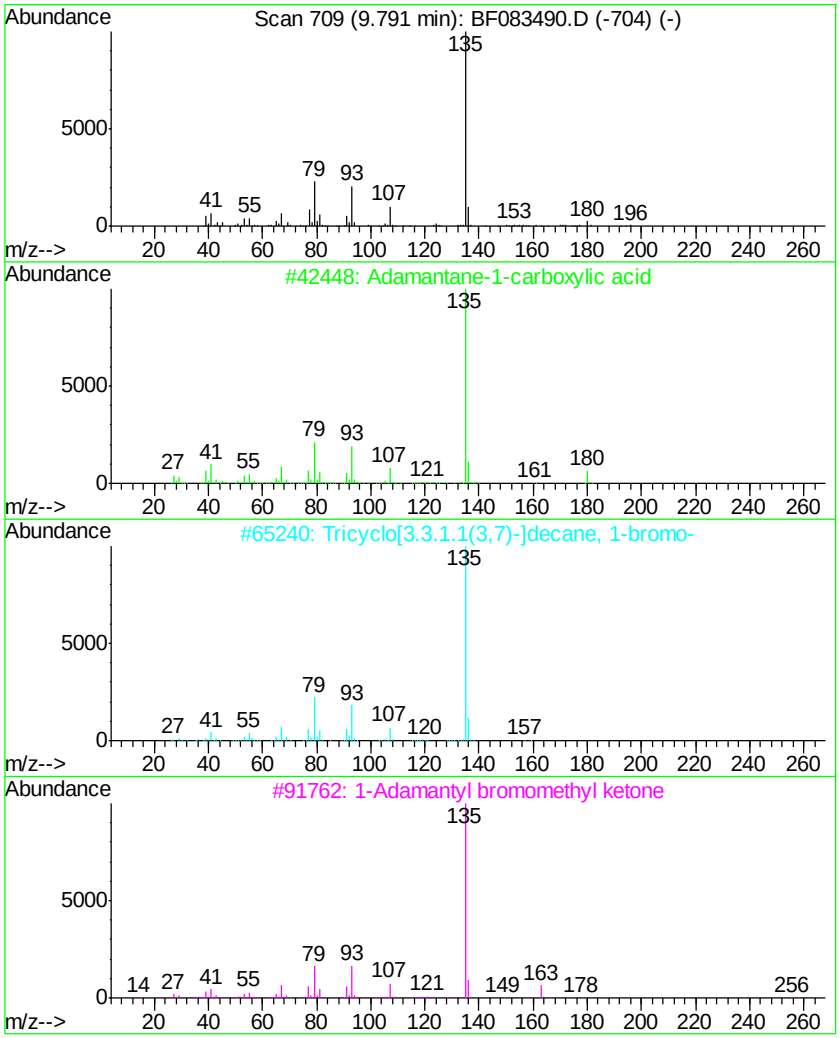
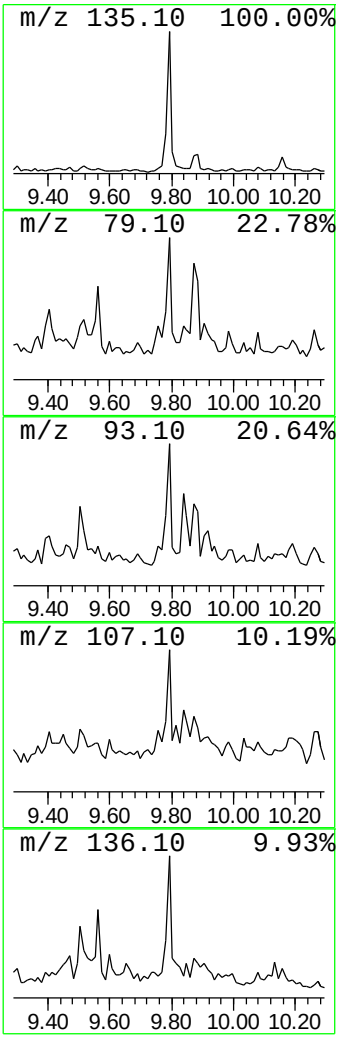
Peak Number 14 Adamantane-1-carboxylic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.79 ng	320240	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	93
2	Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	86
3	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	80
4	1-Adamantan-1-yl-6-chloro-7-fluo...	375	C20H19ClFNO3	1000210-85-1	80
5	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	78





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Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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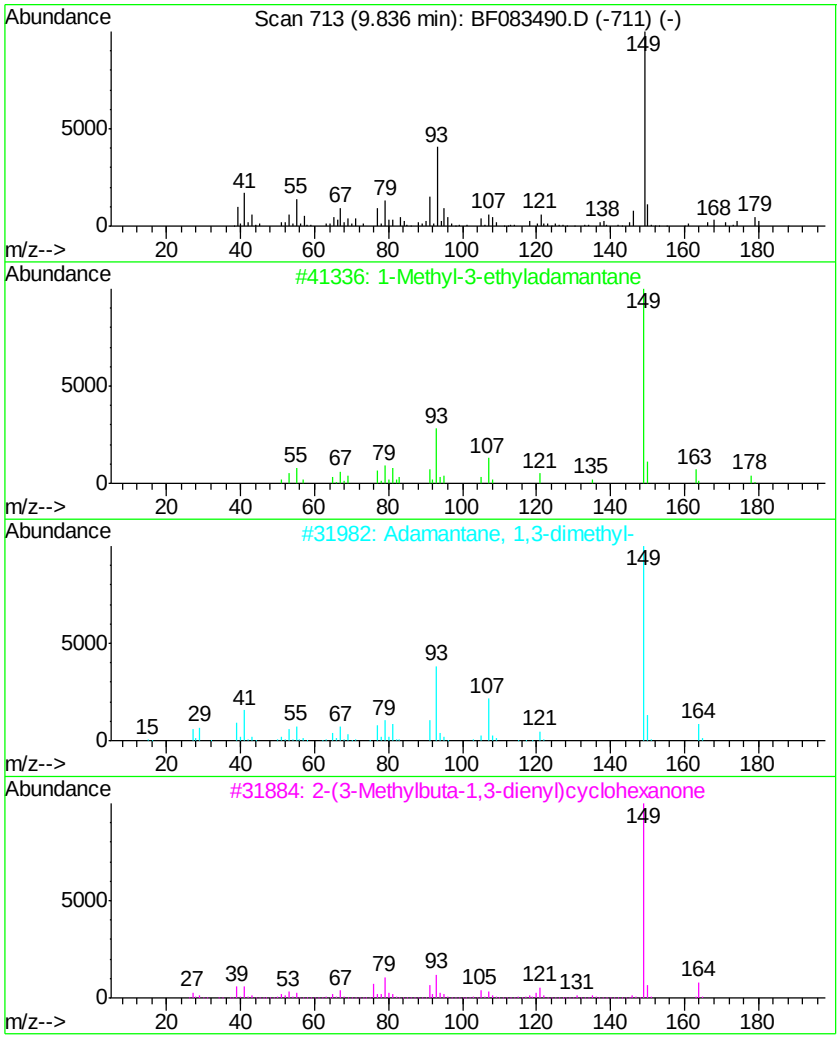
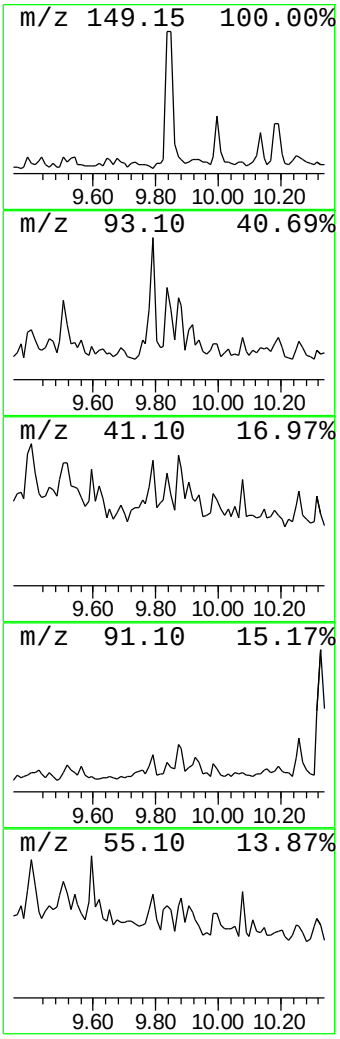
Peak Number 15 1-Methyl-3-ethyladamantane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.72 ng	181998	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	56
2	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	56
3	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	53
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	52
5	Cyclopentyl-methyl-phosphinic ac...	286	C16H31O2P	1000194-56-2	47





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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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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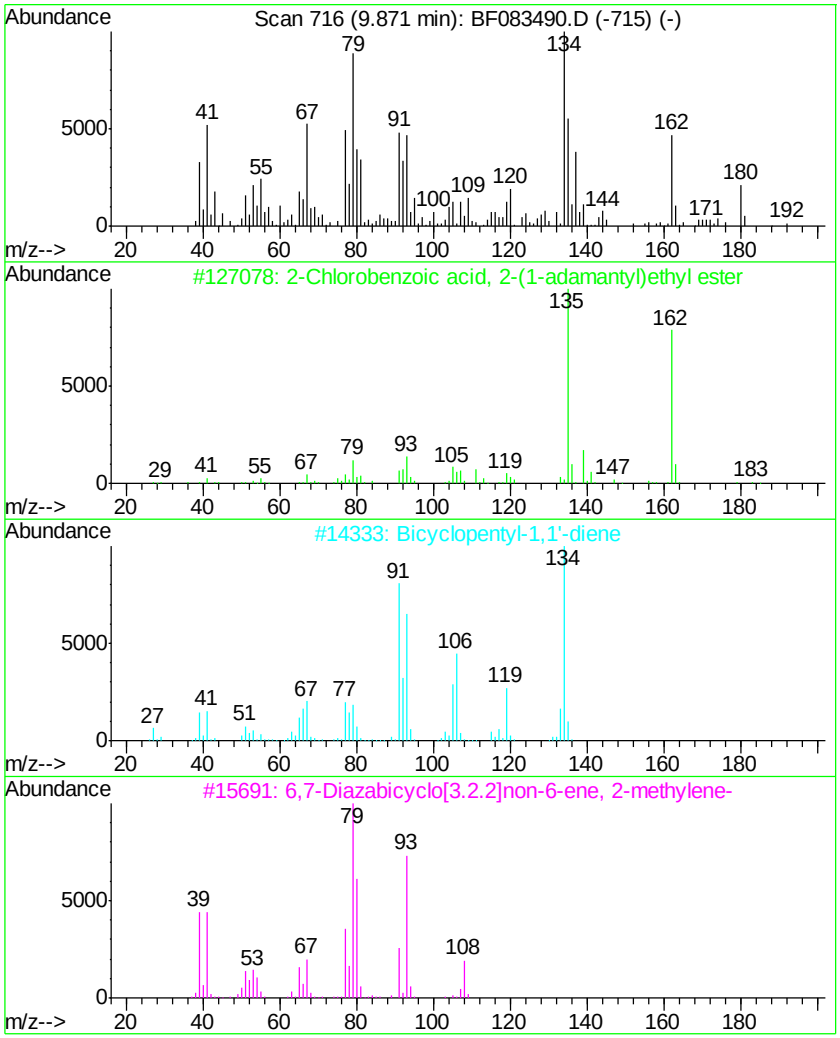
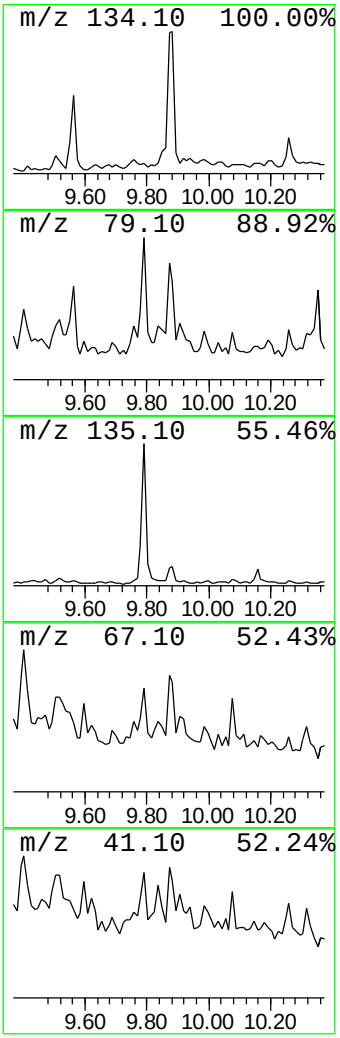
Peak Number 16 unknown9.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	4.93 ng	329460	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorobenzoic acid, 2-(1-adama...	318	C19H23ClO2	1000292-27-9	43
2	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	25
3	6,7-Diazabicyclo[3.2.2]non-6-ene...	136	C8H12N2	097423-85-3	22
4	Cyclopentane, cyclopropylidene-	108	C8H12	014949-48-5	20
5	1-Tetralone, 8-hydroxy-	162	C10H10O2	007695-47-8	20





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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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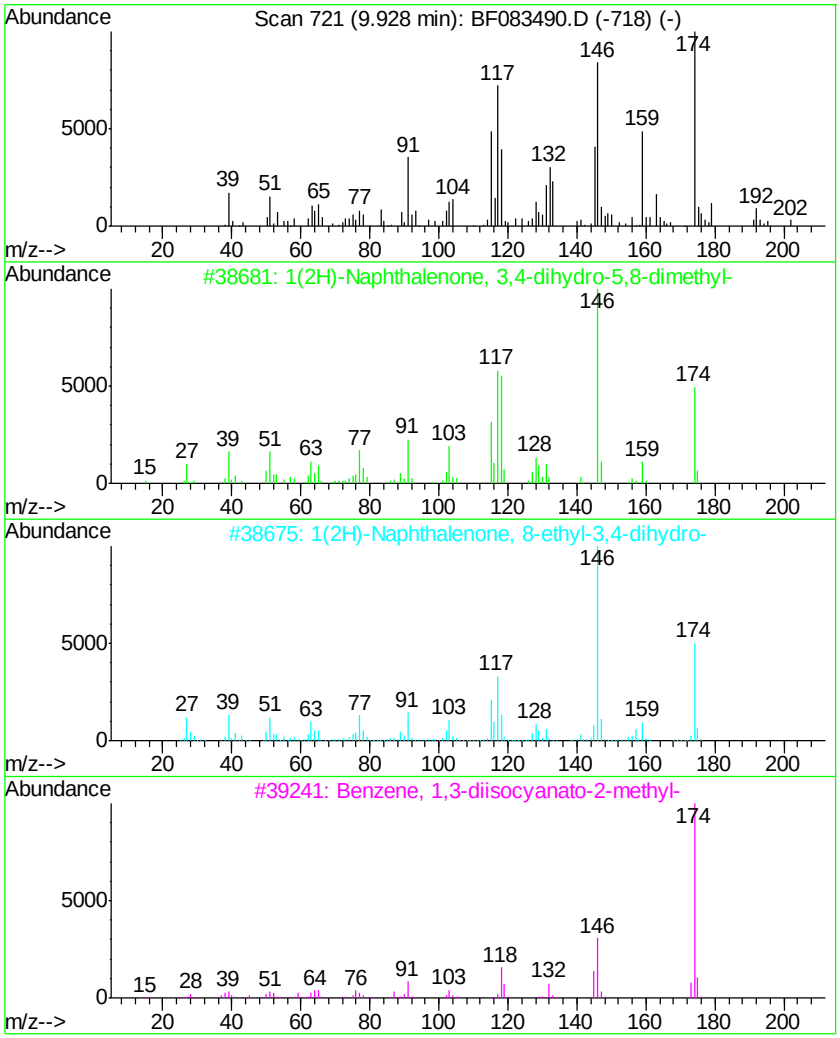
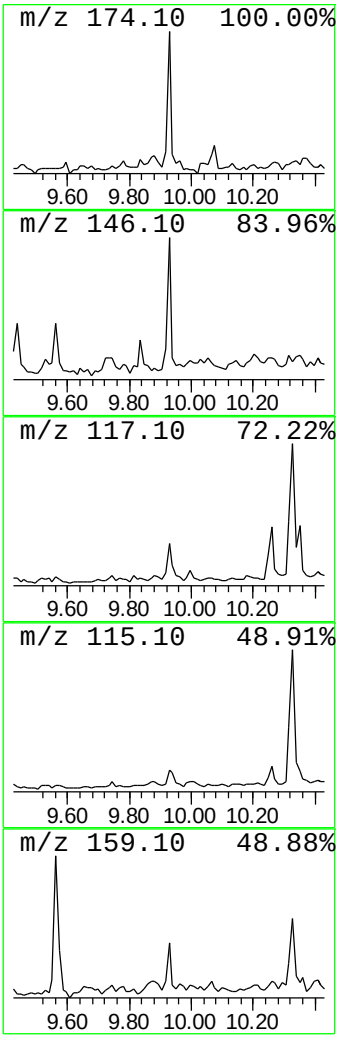
Peak Number 17 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.58 ng	306003	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	64
2	1(2H)-Naphthalenone, 8-ethyl-3,4...	174	C12H14O	051015-33-9	60
3	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	60
4	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	53
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46





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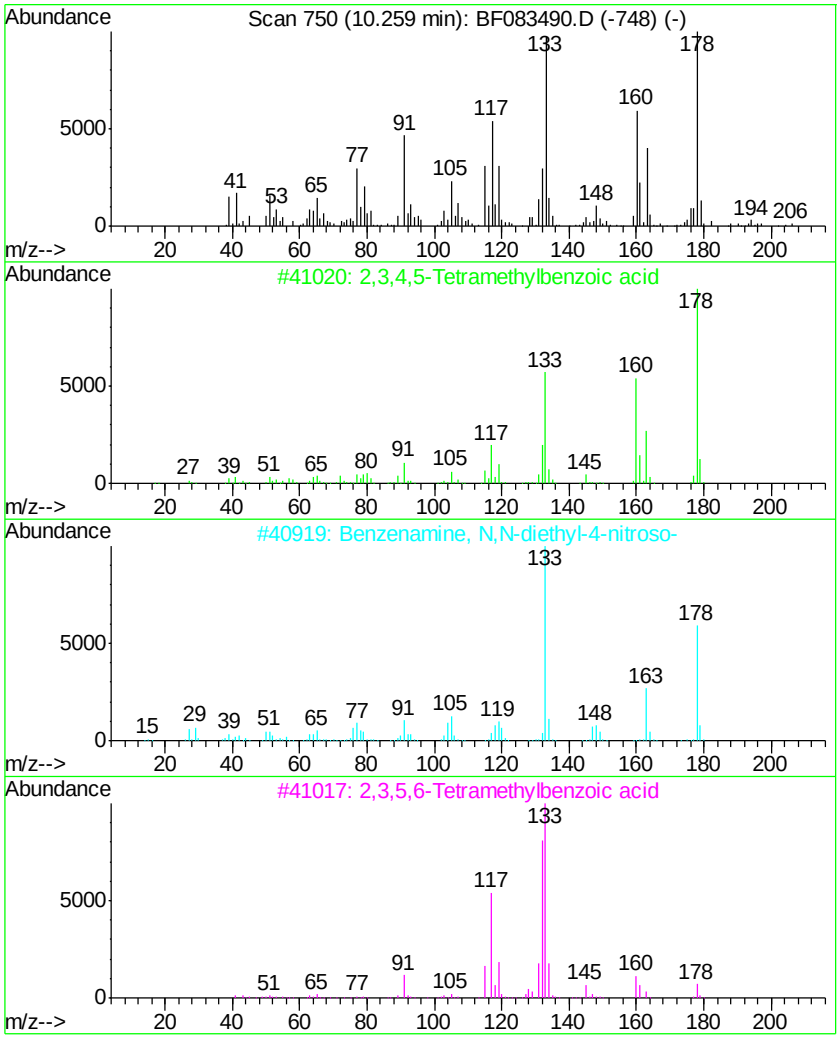
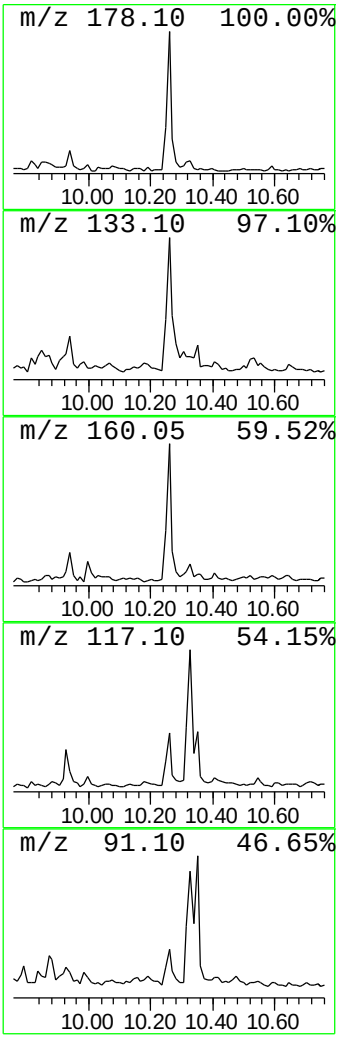
Peak Number 18 2,3,4,5-Tetramethylbenzoic ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.61 ng	308552	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	76
2	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	60
3	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	58
4	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	45
5	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	35





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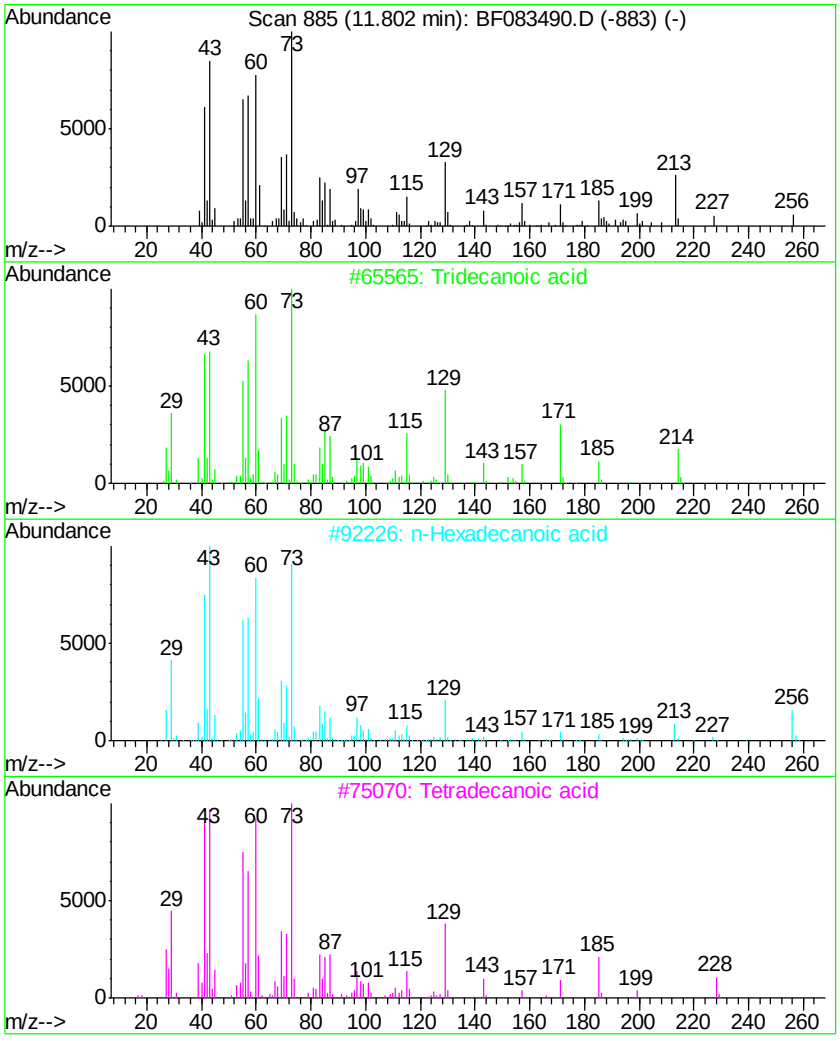
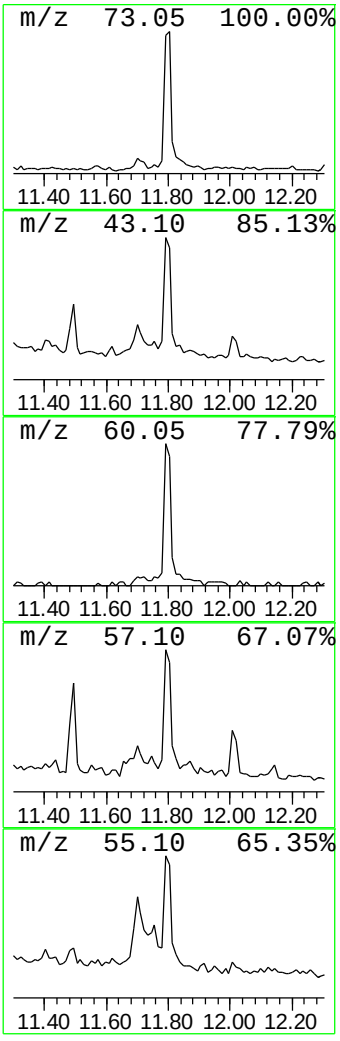
Peak Number 19 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.78 ng	290195	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

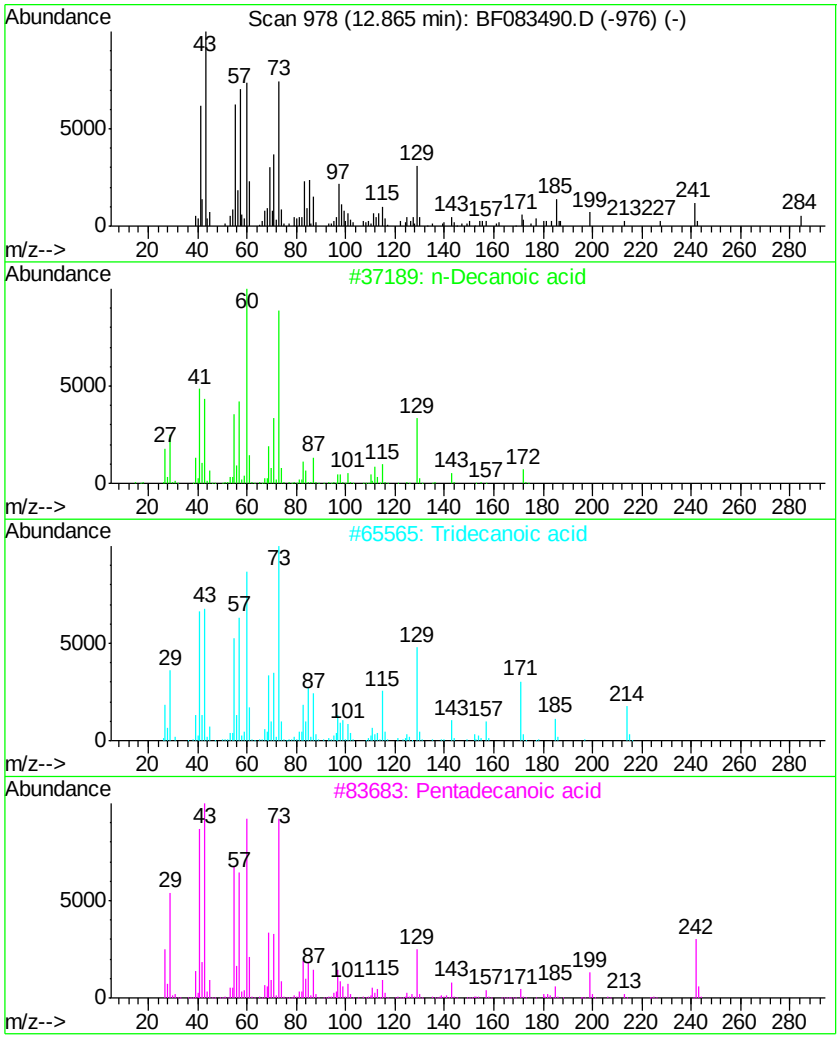
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

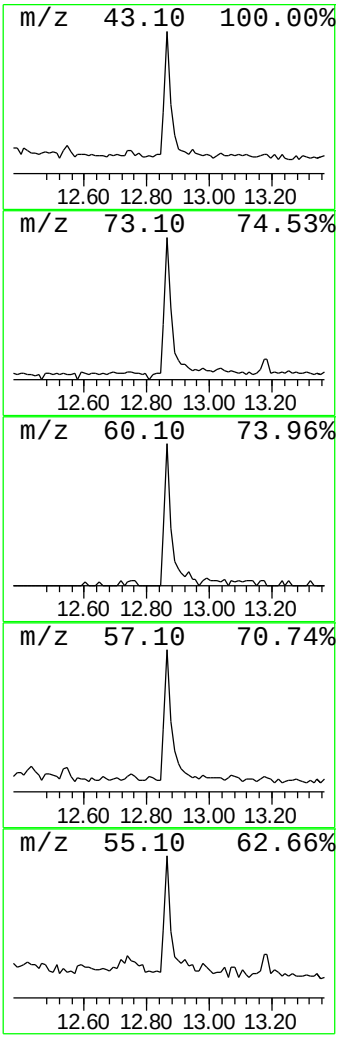
****

Peak Number 20 n-Decanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.57 ng	229267	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	3-Ethylheptanoic acid	158	C9H18O2	014272-47-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083490.D
Acq On : 4 Dec 2015 6:31
Operator : UM/IZ
Sample : G4588-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.62	8.1	ng	455627	1	6.52	1121050	20.0
unknown6.30	6.30	74.1	ng	4152190	1	6.52	1121050	20.0
9-Oxabicyclo[3.3....	8.20	3.9	ng	267626	2	7.81	1369290	20.0
Bicyclo[3.1.0]hex...	8.33	3.0	ng	206961	2	7.81	1369290	20.0
2(1H)-Naphthaleno...	8.59	7.9	ng	541974	2	7.81	1369290	20.0
unknown8.70	8.70	5.4	ng	362720	3	9.56	1337610	20.0
6,11-Undecadiene,...	8.81	7.4	ng	496336	3	9.56	1337610	20.0
unknown8.84	8.84	2.7	ng	181851	3	9.56	1337610	20.0
unknown9.02	9.02	5.7	ng	378653	3	9.56	1337610	20.0
unknown9.16	9.16	3.0	ng	204233	3	9.56	1337610	20.0
1(2H)-Naphthaleno...	9.23	2.6	ng	175461	3	9.56	1337610	20.0
unknown9.40	9.40	5.7	ng	383225	3	9.56	1337610	20.0
Adamantane-1-carb...	9.79	4.8	ng	320240	3	9.56	1337610	20.0
1-Methyl-3-ethyla...	9.84	2.7	ng	181998	3	9.56	1337610	20.0
unknown9.87	9.87	4.9	ng	329460	3	9.56	1337610	20.0
1(2H)-Naphthaleno...	9.93	4.6	ng	306003	3	9.56	1337610	20.0
2,3,4,5-Tetrameth...	10.26	4.6	ng	308552	3	9.56	1337610	20.0
Tridecanoic acid	11.80	5.8	ng	290195	4	11.09	1004200	20.0
n-Decanoic acid	12.87	4.6	ng	229267	4	11.09	1004200	20.0