LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF032416.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	4.333	176	179	186	rVB	30367	47526	1.39%	0.171%
2	4.447	186	189	193	rVB	31736	42423	1.24%	0.153%
3	4.984	233	236	244	rVB2	18607	45721	1.33%	0.165%
4	5.384	269	271	277	rBV	1977144	1960692	57.15%	7.066%
5	5.704	296	299	302	rVB2	47791	59743	1.74%	0.215%
6	6.082	330	332	338	rVB	43774	59851	1.74%	0.216%
7	6.424	360	362	365	rBV	1094395	1444011	42.09%	5.204%
8	6.562	371	374	376	rBV	2673261	3015346	87.89%	10.867%
9	6.790	391	394	396	rBV	684695	666636	19.43%	2.403%
10	6.939	405	407	410	rBV	1765587	2453727	71.52%	8.843%
11	7.042	414	416	421	rVB3	22903	43234	1.26%	0.156%
12	7.133	421	424	427	rBV2	39351	53341	1.55%	0.192%
13	7.362	441	444	446	rBV	1919574	2112427	61.57%	7.613%
14	7.430	448	450	453	rBV4	34567	56201	1.64%	0.203%
15	7.476	453	454	456	rVB	43966	38468	1.12%	0.139%
16	7.567	456	462	463	rVB2	65420	88463	2.58%	0.319%
17	7.727	474	476	481	rVB3	41280	74560	2.17%	0.269%
18	7.819	481	484	486	rBV2	29881	67965	1.98%	0.245%
19	8.002	497	500	503	rBV4	83135	157854	4.60%	0.569%
20	8.070	504	506	512	rVB	852024	984373	28.69%	3.548%
21	8.230	516	520	521	rBV3	37095	72506	2.11%	0.261%
22	8.276	521	524	528	rVB5	75525	164558	4.80%	0.593%
23	8.345	528	530	534	rBV4	33521	73933	2.16%	0.266%
24	8.425	534	537	539	rBV	166369	220555	6.43%	0.795%
25	8.550	544	548	551	rVB4	79072	199173	5.81%	0.718%
26	8.630	551	555	558	rBV2	77311	178354	5.20%	0.643%
27	8.710	558	562	566	rBV3	127149	288161	8.40%	1.039%
28	8.790	566	569	570	rBV3	76057	168998	4.93%	0.609%
29	8.813	570	571	572	rVV	80986	58081	1.69%	0.209%
30	8.882	572	577	579	rVB4	193408	327985	9.56%	1.182%
31	8.928	579	581	582	rBV	64325	115071	3.35%	0.415%
32	8.950	582	583	585	rVV2	78963	115293	3.36%	0.416%
33	8.996	585	587	588	rVB	81187	84042	2.45%	0.303%
34	9.030	588	590	592	rBV2	45916	91004	2.65%	0.328%

LSC Area Percent Report

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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.156	598	601	603	rVB	3569274	3430743	100.00%	12.364%
36	9.225	605	607	610	rBV4	44382	118914	3.47%	0.429%
37	9.282	610	612	614	rVB2	66905	100486	2.93%	0.362%
38	9.339	614	617	618	rBV3	40860	85121	2.48%	0.307%
39	9.419	622	624	625	rBV2	63006	79500	2.32%	0.287%
40	9.476	625	629	632	rBV3	168710	312561	9.11%	1.126%
41	9.533	632	634	636	rBV2	78467	140274	4.09%	0.506%
42	9.682	646	647	649	rVB2	62828	79461	2.32%	0.286%
43	9.773	653	655	656	rVB	66997	73475	2.14%	0.265%
44	9.831	657	660	662	rBV	933392	984794	28.70%	3.549%
45	10.105	682	684	686	rBV2	62837	114537	3.34%	0.413%
46	10.253	695	697	699	rVB2	76376	89783	2.62%	0.324%
47	10.322	701	703	706	rBV3	71666	94961	2.77%	0.342%
48	10.391	708	709	711	rBV	114163	115422	3.36%	0.416%
49	10.516	718	720	721	rBV	39309	54925	1.60%	0.198%
50	10.619	727	729	731	rBV	1774682	1812664	52.84%	6.533%
51	11.316	787	790	791	rBV	728556	776194	22.62%	2.797%
52	12.631	903	905	909	rVB	58996	66365	1.93%	0.239%
53	12.894	926	928	931	rBV	2024542	2456638	71.61%	8.854%
54	13.945	1018	1020	1023	rBV	556524	536990	15.65%	1.935%
55	15.363	1141	1144	1149	rVB	476836	592714	17.28%	2.136%

Sum of corrected areas: 27746798

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Data File : BF085942.D
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Operator : UM/SJ
Sample : H1976-09
Misc :
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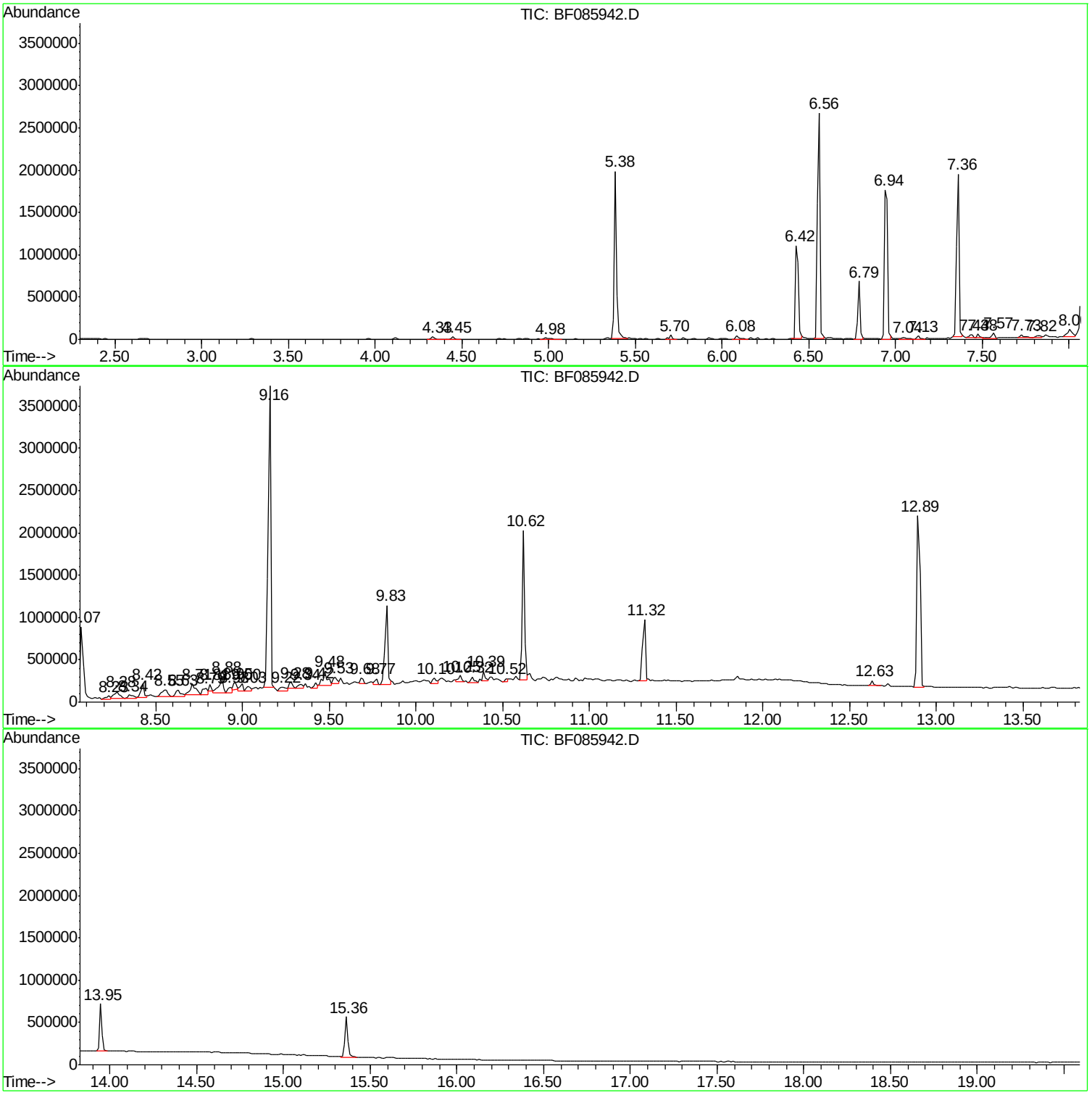
Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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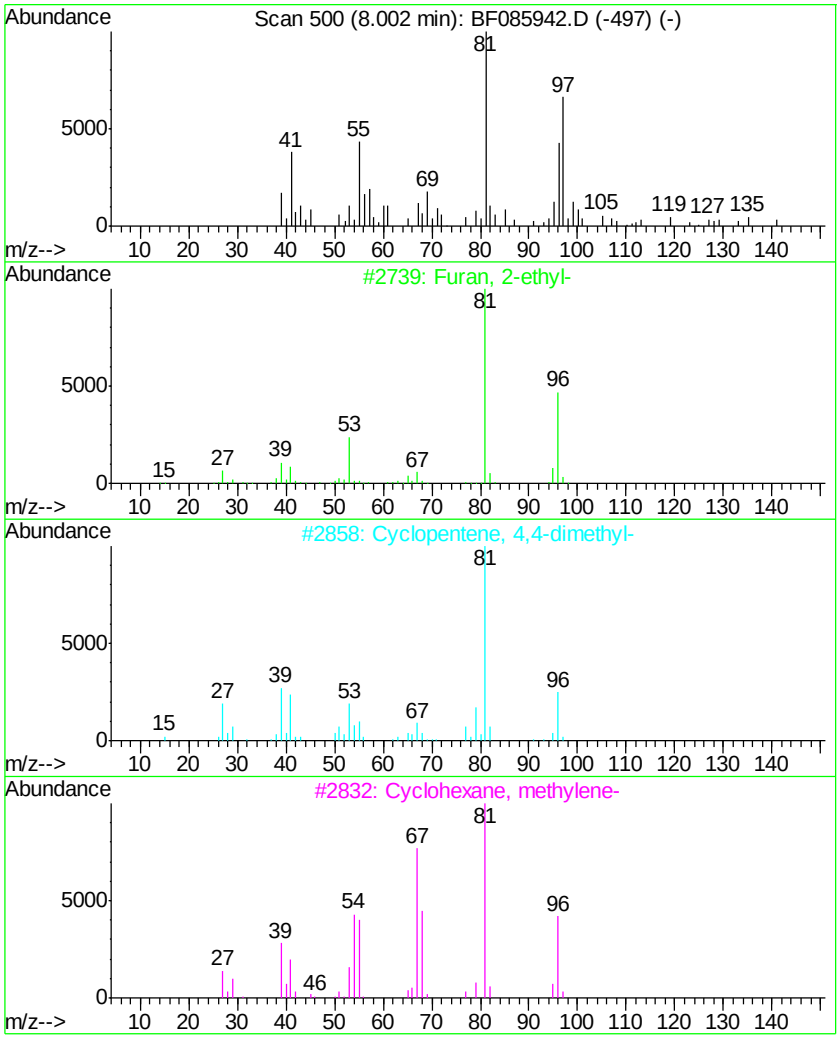
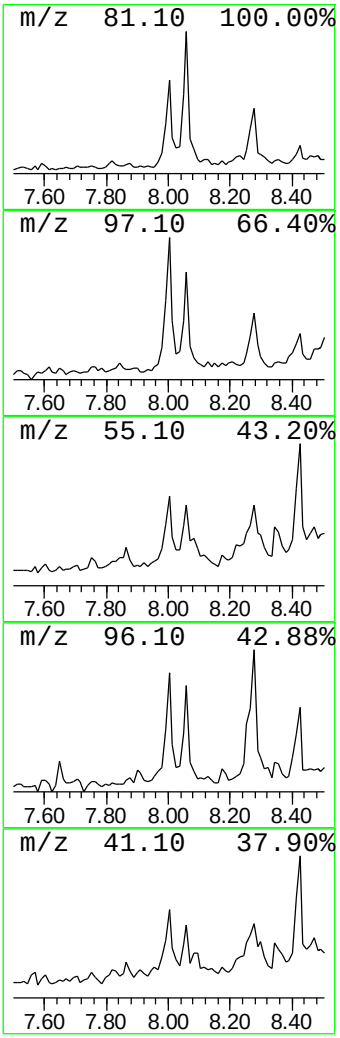
Peak Number 3 unknown8.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.21 ng	157854	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	49
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	49
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	47
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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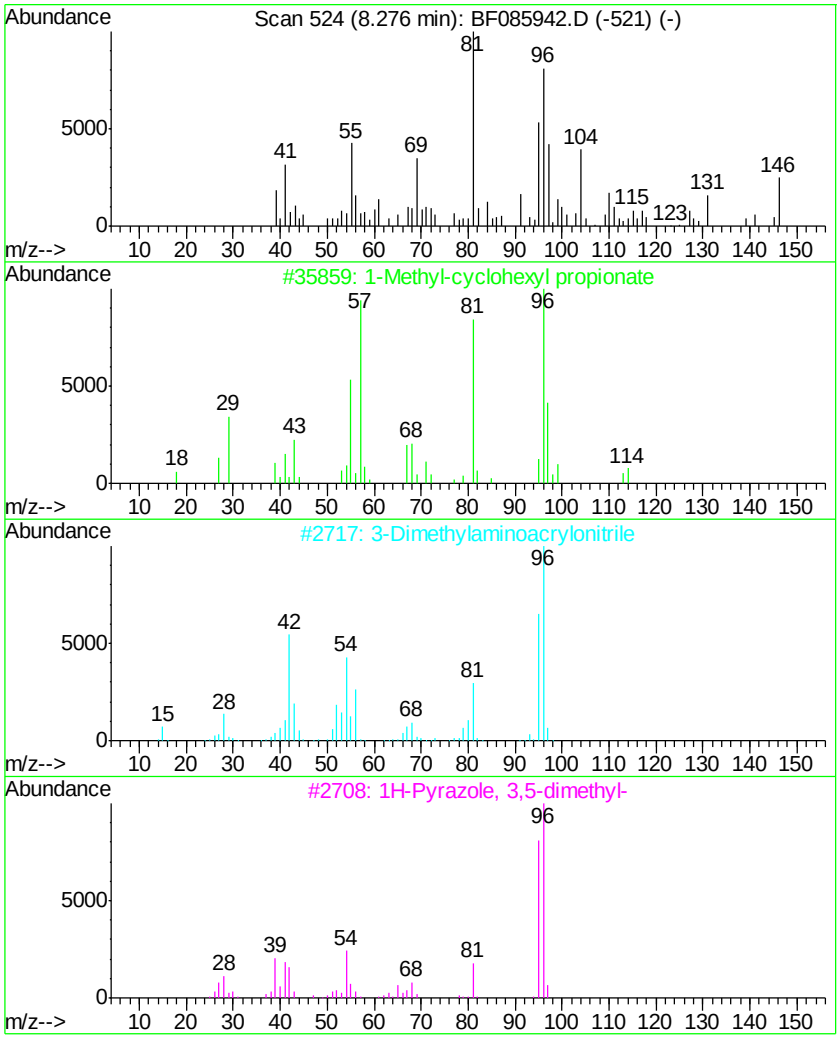
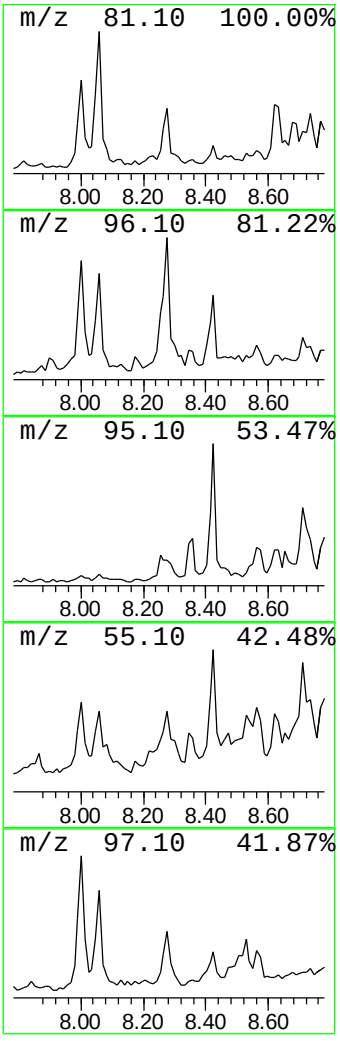
Peak Number 4 unknown8.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	3.34 ng	164558	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-cyclohexyl propionate	170	C10H18O2	091328-37-9	38
2	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	27
3	1H-Pyrazole, 3,5-dimethyl-	96	C5H8N2	000067-51-6	27
4	1H-1,2,4-Triazole, 3-ethyl-	97	C4H7N3	007411-16-7	22
5	Furfural	96	C5H4O2	000098-01-1	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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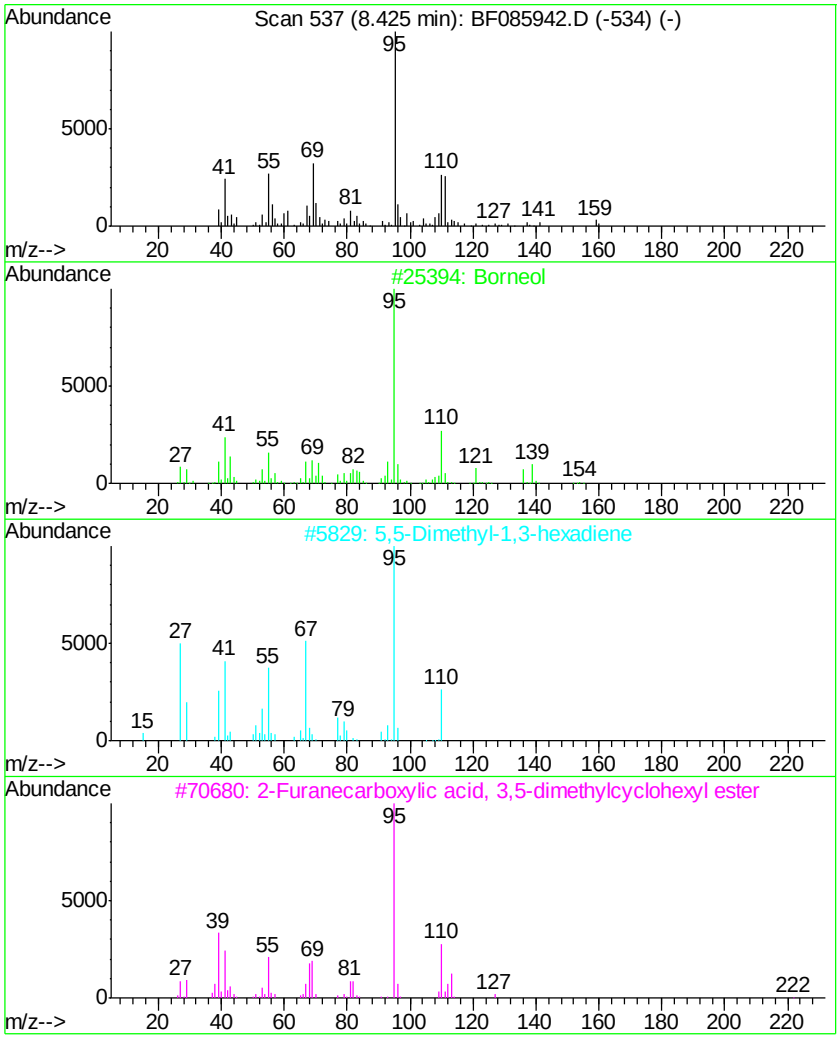
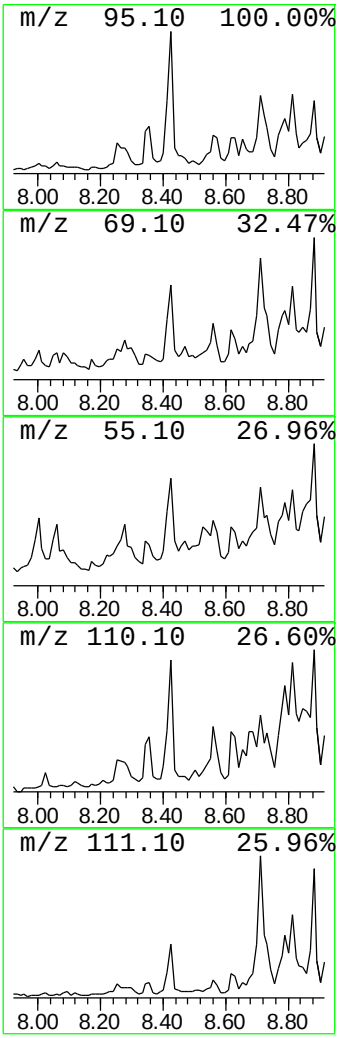
Peak Number 5 Borneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.48 ng	220555	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	010385-78-1	64
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53
3	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	53
4	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	50
5	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
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Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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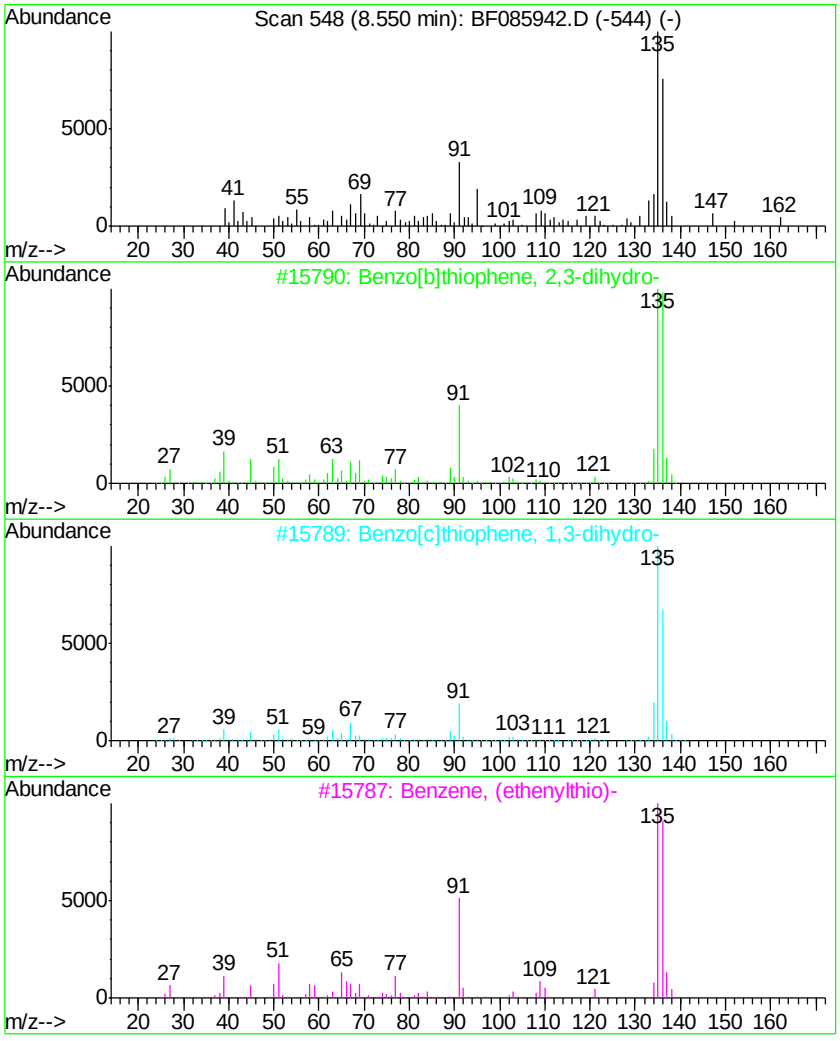
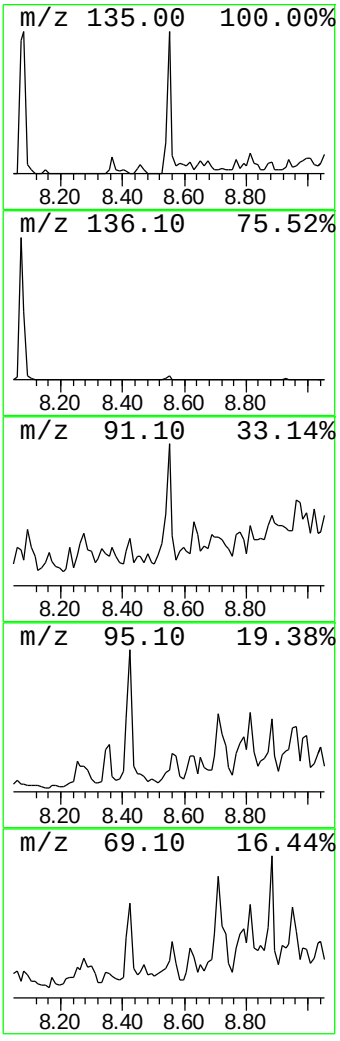
Peak Number 6 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	4.05 ng	199173	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	76
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	76
4	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	59
5	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	58





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Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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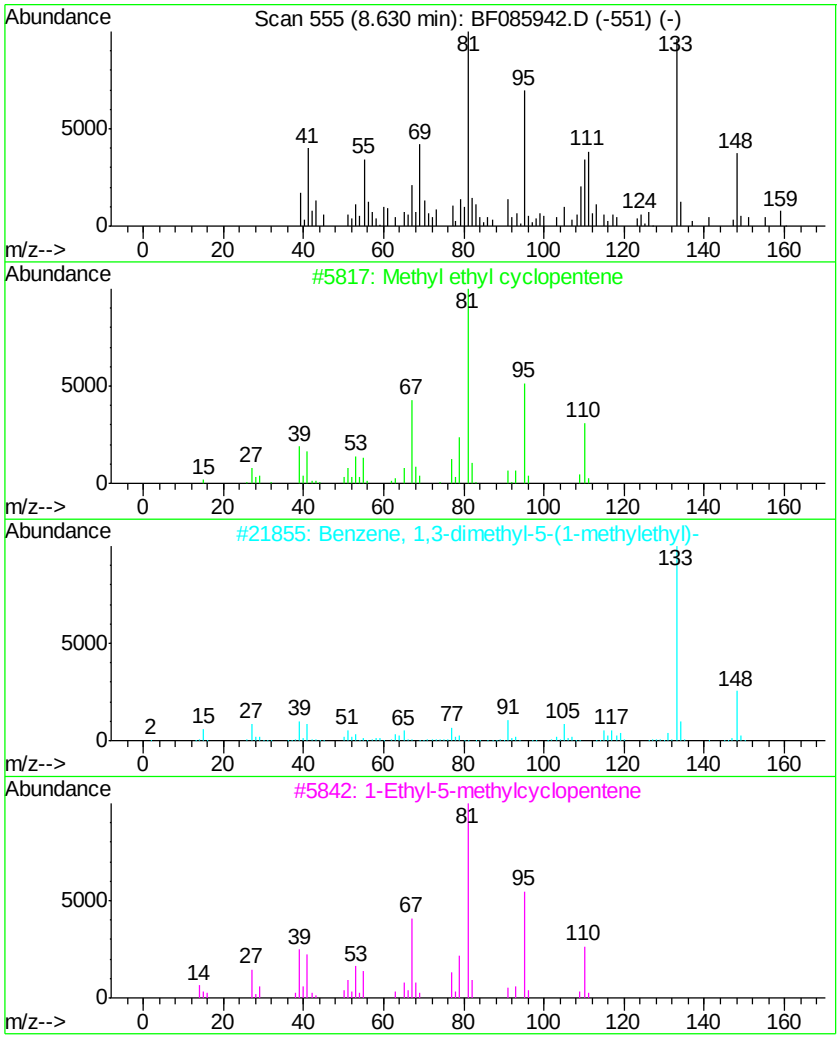
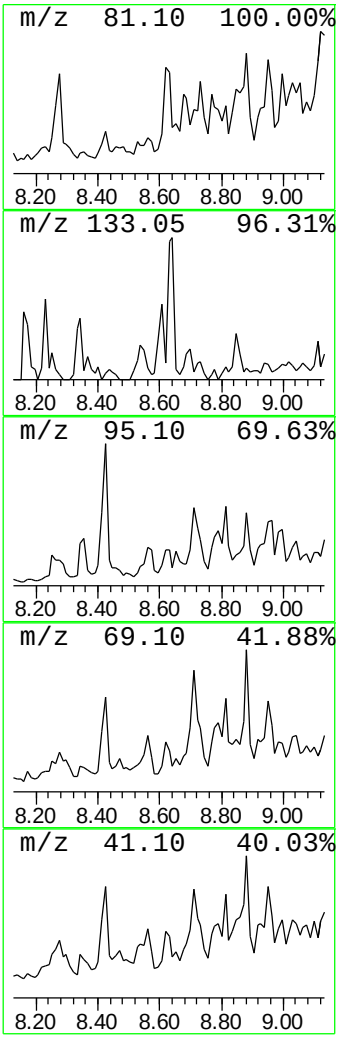
Peak Number 7 unknown8.63 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.62 ng	178354	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	35
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	27
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	25
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22





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Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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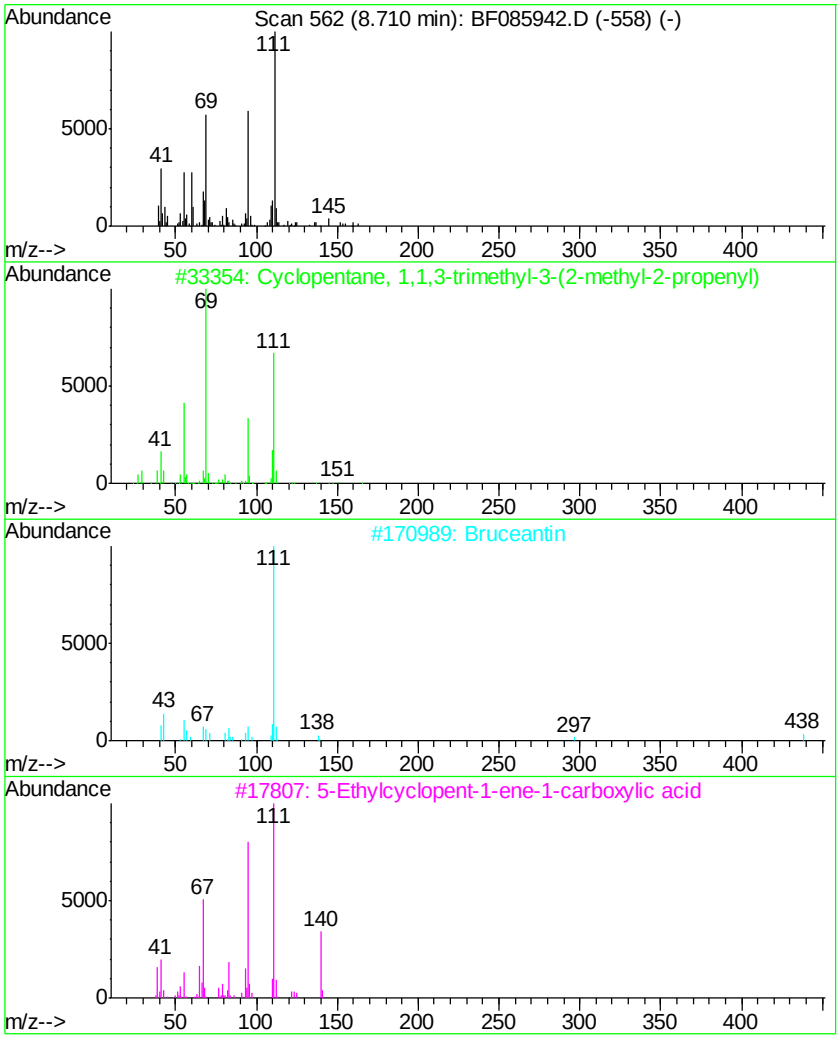
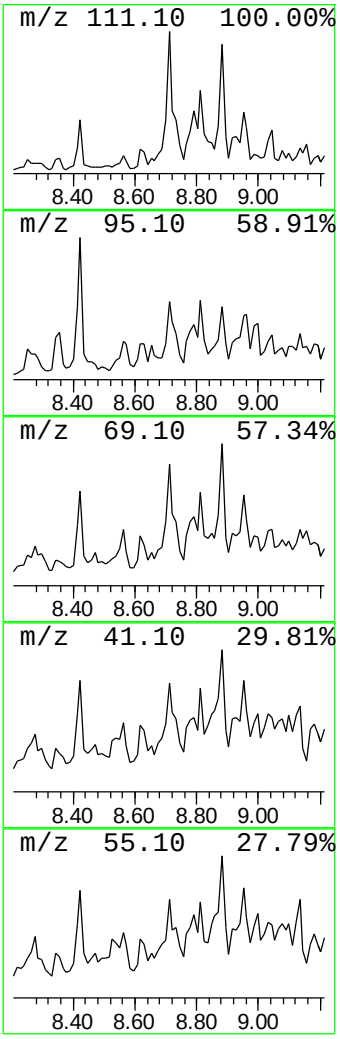
Peak Number 8 Cyclopentane, 1,1,3-trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	5.85 ng	288161	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	50
2	Bruceantin	548	C28H36O11	041451-75-6	43
3	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	42
4	Dicyclohexyl-, ethylphosphonate	274	C14H27O3P	169739-47-3	38
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	32





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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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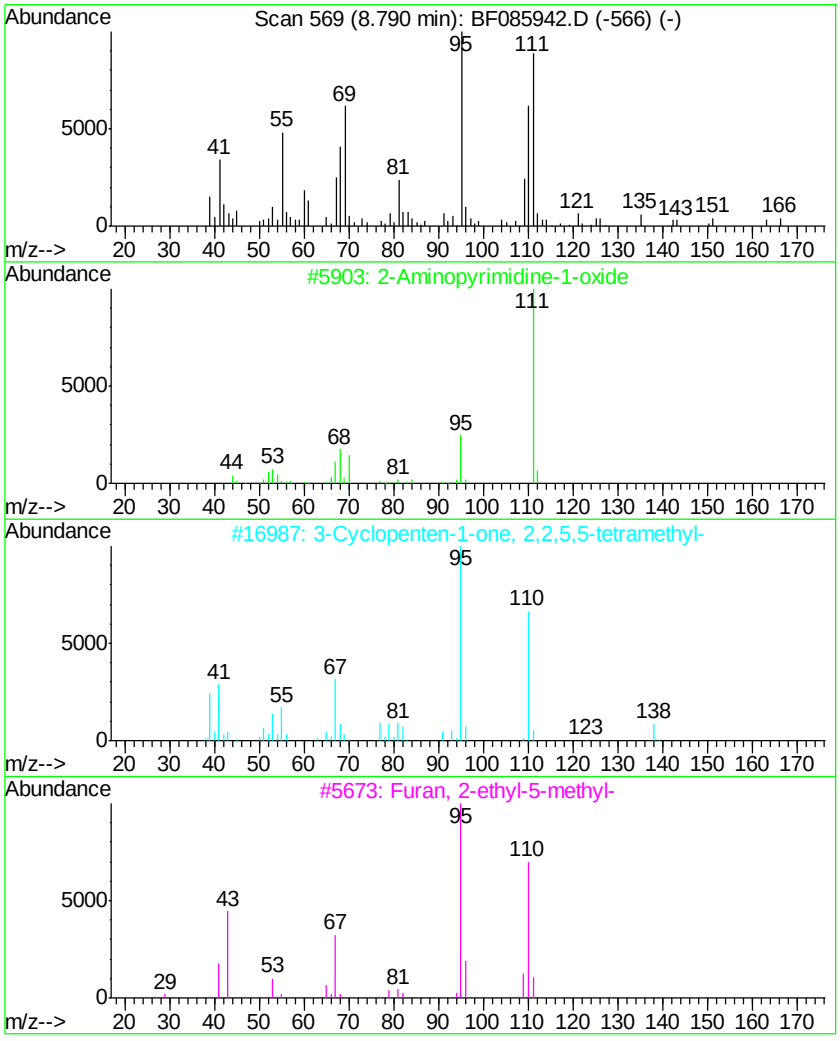
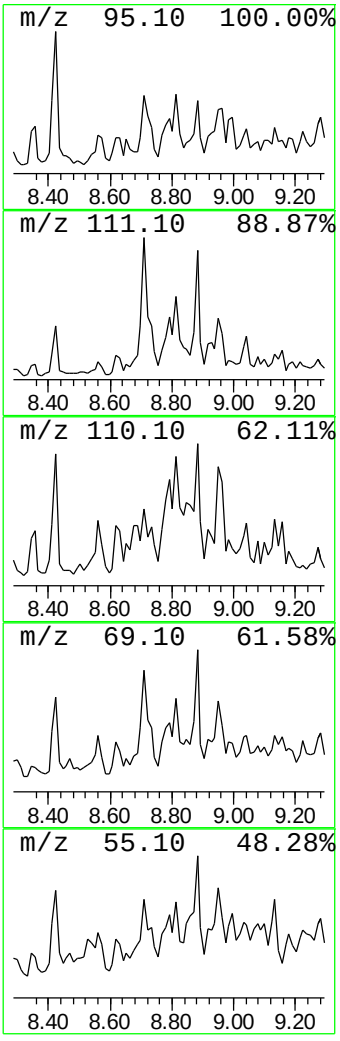
Peak Number 9 unknown8.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	3.43 ng	168998	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	43
2	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	38
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
4	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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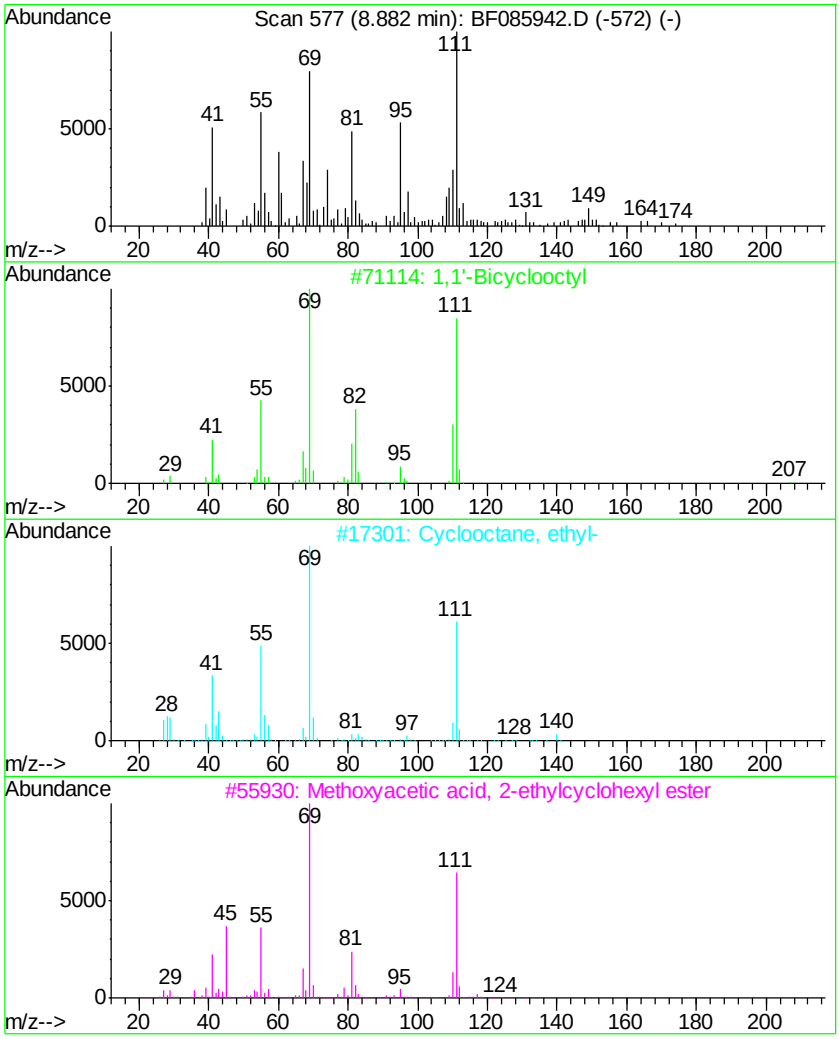
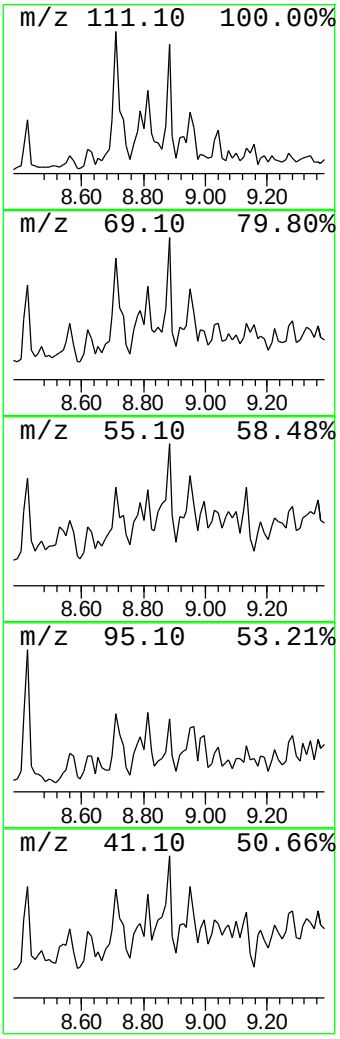
Peak Number 10 unknown8.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	6.66 ng	327985	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
3	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	43
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

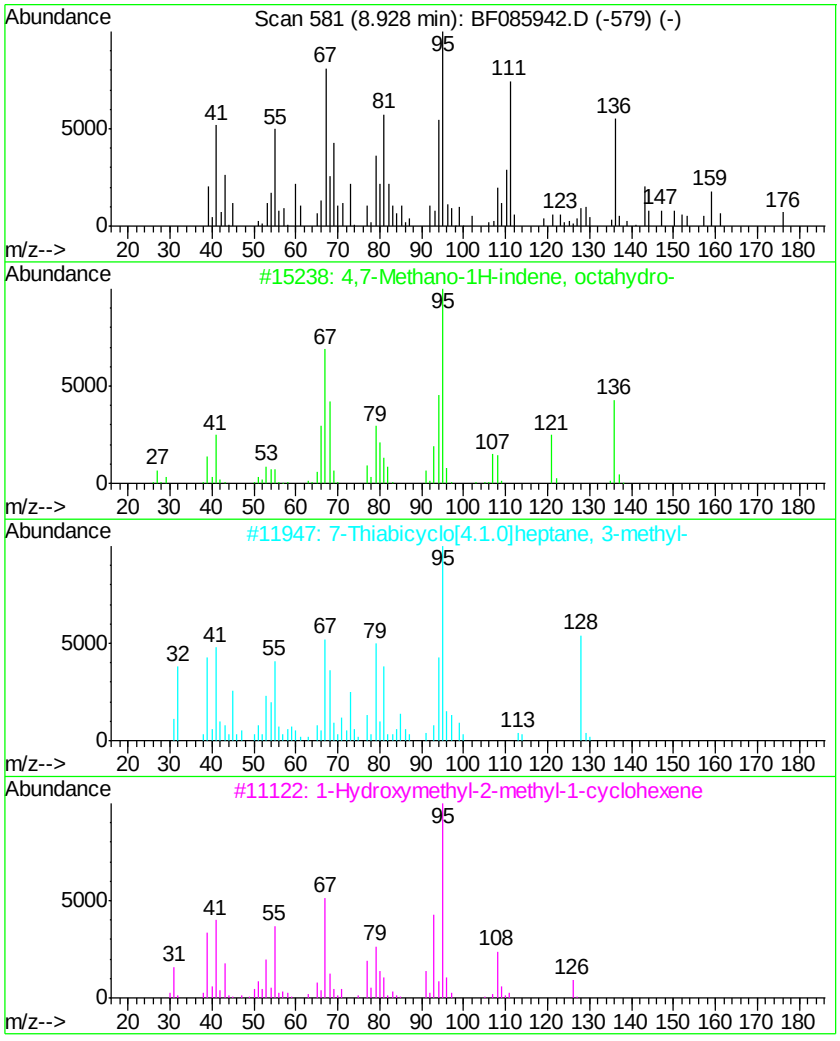
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

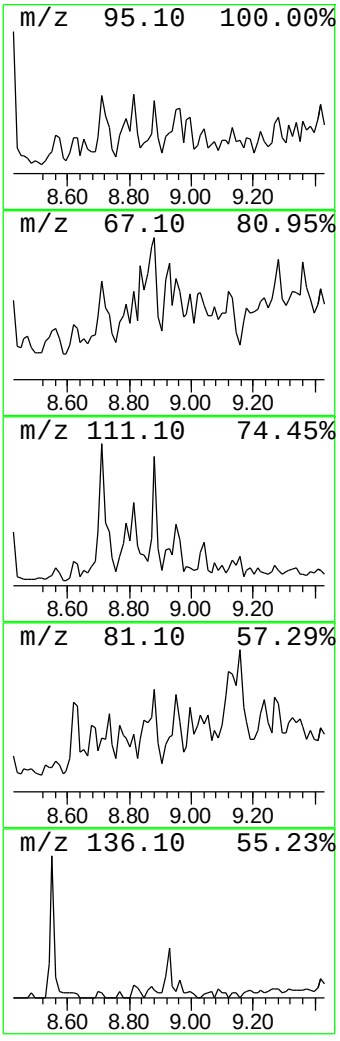
****

Peak Number 11 4,7-Methano-1H-indene, octa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	2.34 ng	115071	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	64
2	7-Thiabicyclo[4.1.0]heptane, 3-m...	128	C7H12S	054725-38-1	38
3	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	38
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
5	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	30





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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

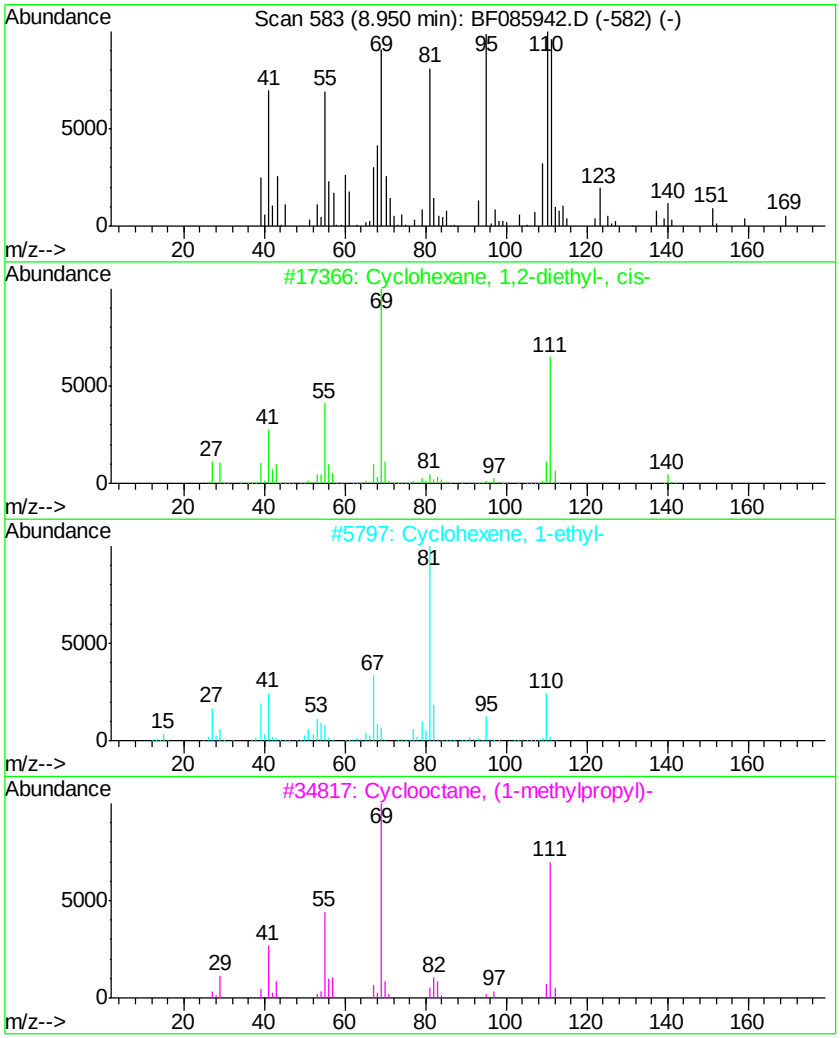
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

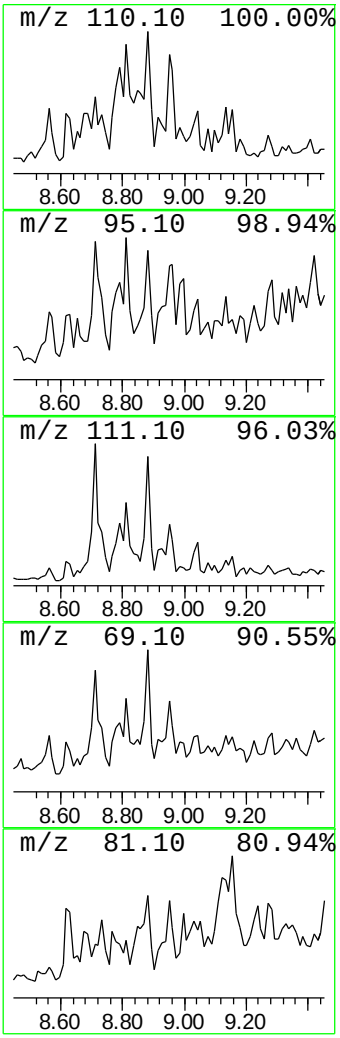
****

Peak Number 12 unknown8.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	2.34 ng	115293	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	25
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	22
4	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	22
5	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	22





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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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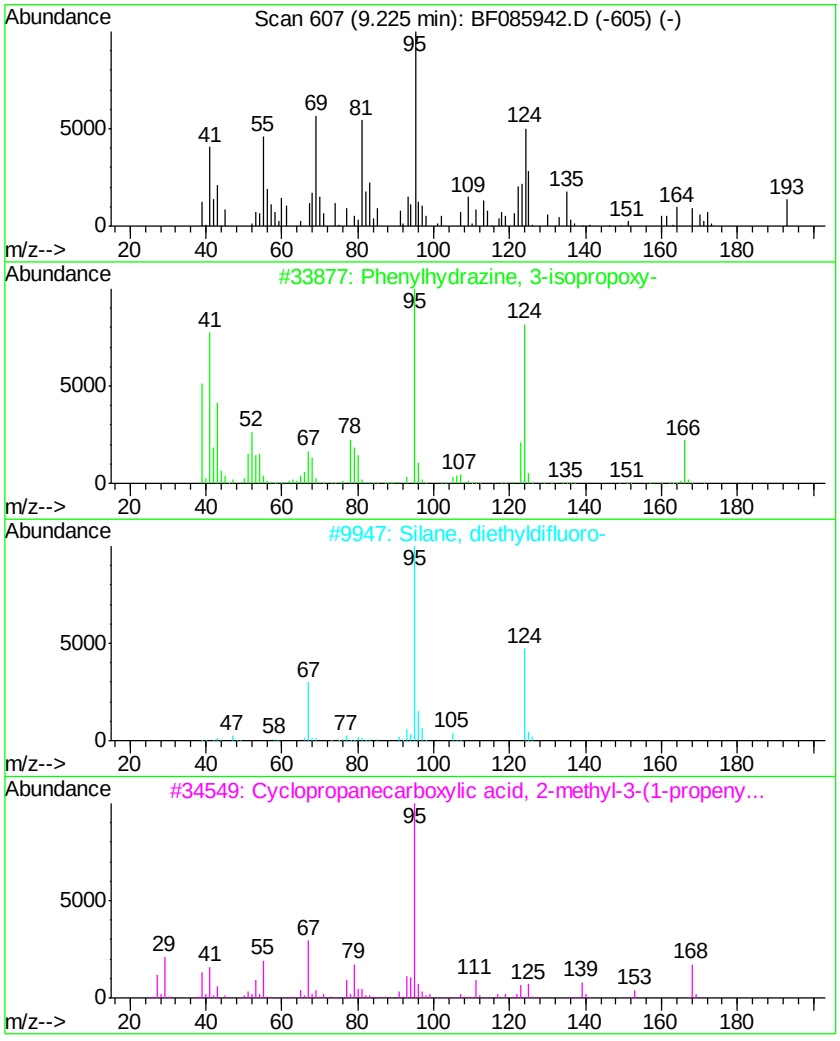
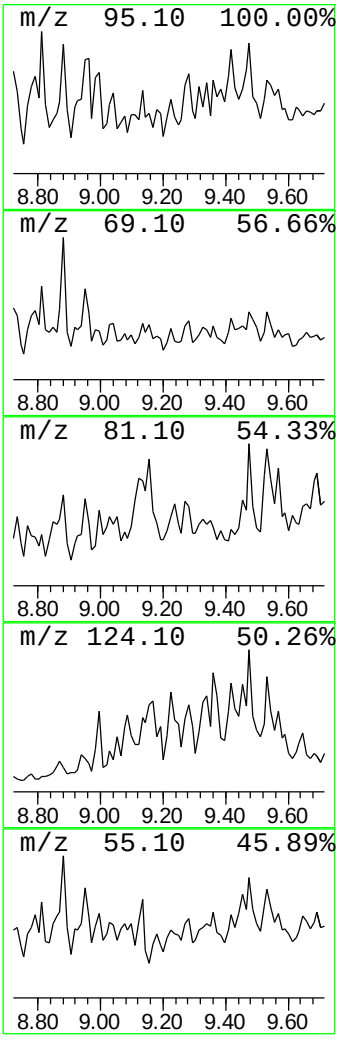
Peak Number 13 unknown9.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.42 ng	118914	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylhydrazine, 3-isopropoxy-	166	C9H14N2O	1000262-26-4	47
2	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	43
3	Cyclopropanecarboxylic acid, 2-m...	168	C10H16O2	030626-51-8	35
4	2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	30
5	Methanone, cyclobutyl-1H-imidazo...	150	C8H10N2O	069393-27-7	27





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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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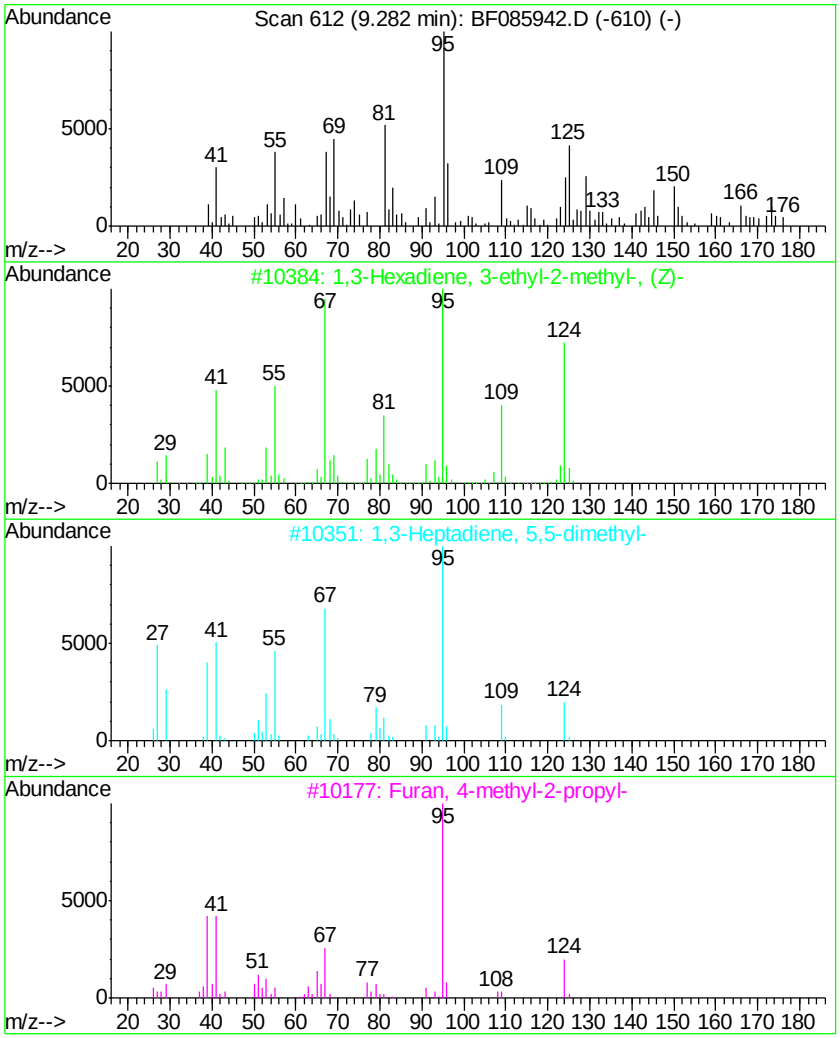
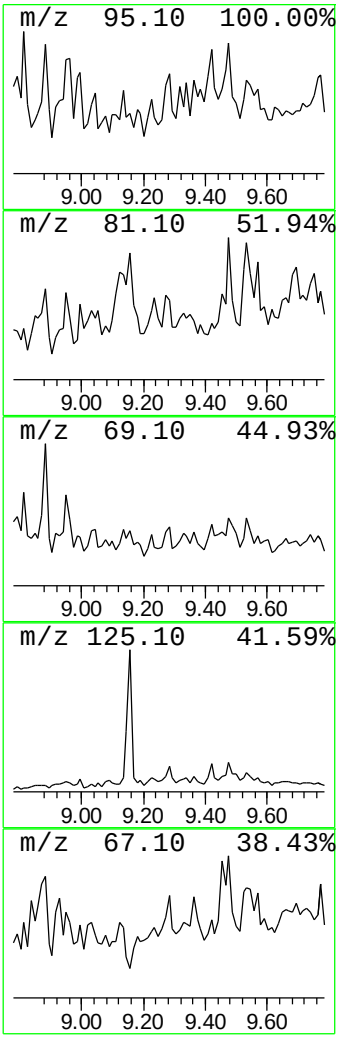
Peak Number 14 unknown9.28 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.04 ng	100486	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	47
2	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	47
3	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	43
4	dl-6-Methyl-5-hepten-2-ol	128	C8H16O	004630-06-2	38
5	Imidazole-5-carboxylic amide, N-...	125	C5H7N3O	053525-55-6	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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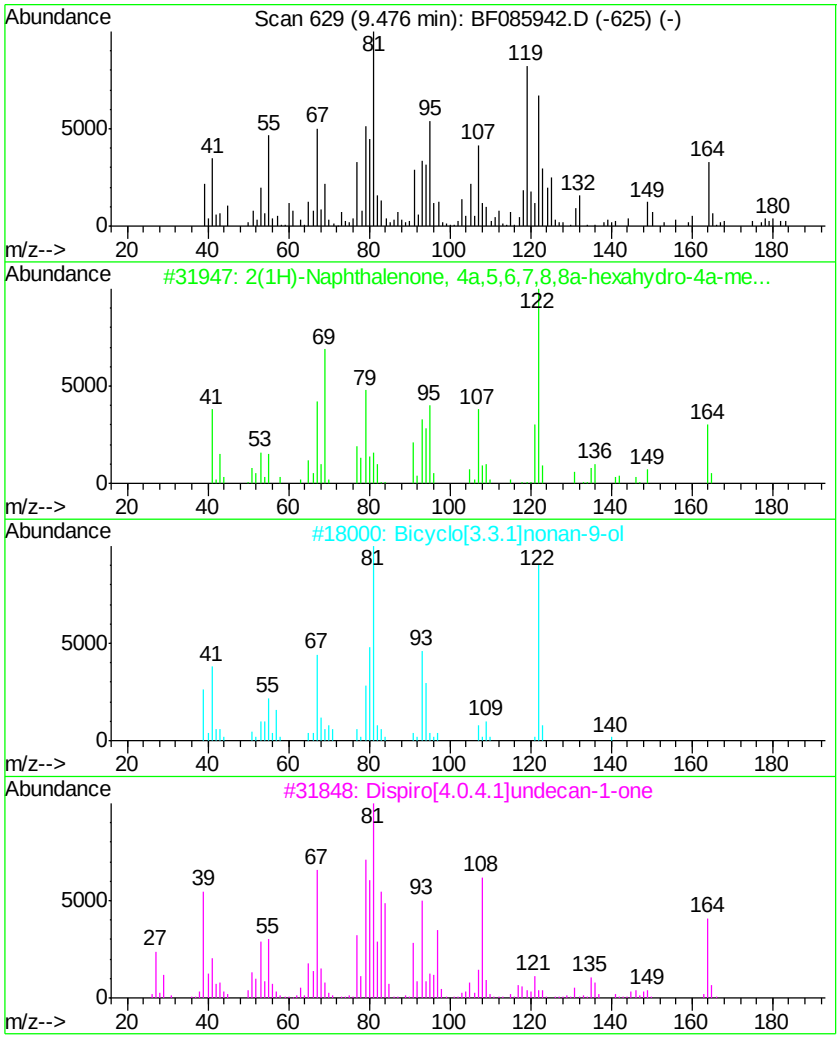
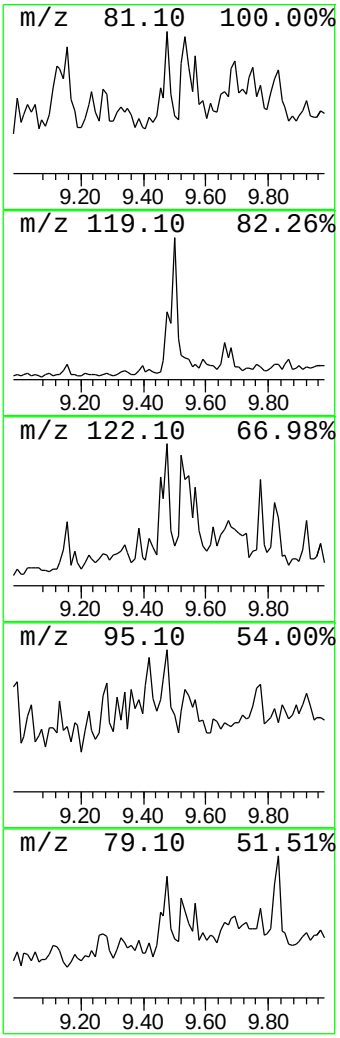
Peak Number 15 unknown9.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	6.35 ng	312561	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, 4a,5,6,7,8,...	164	C11H16O	022844-34-4	45
2	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	42
3	Dispiro[4.0.4.1]undecan-1-one	164	C11H16O	1000186-37-7	38
4	1,2-Benzenediamine, N-methyl-	122	C7H10N2	004760-34-3	35
5	4(1H)-Pyridinethione, 1-methyl-	125	C6H7NS	006887-59-8	25





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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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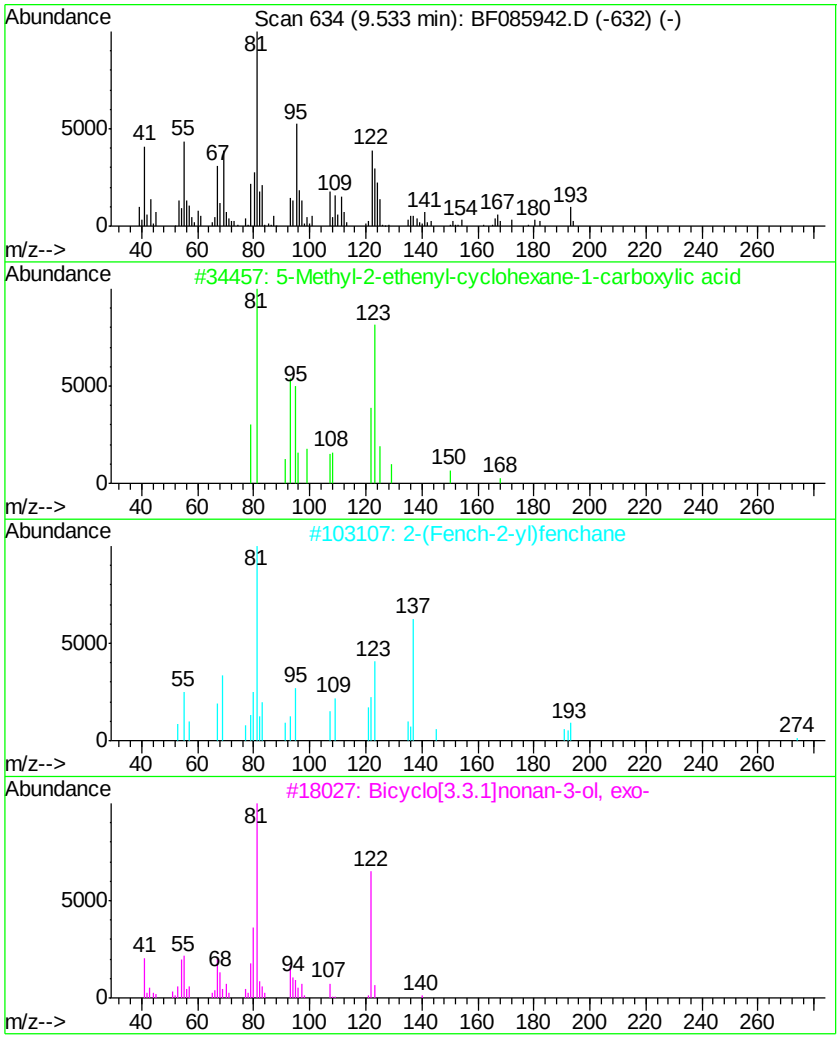
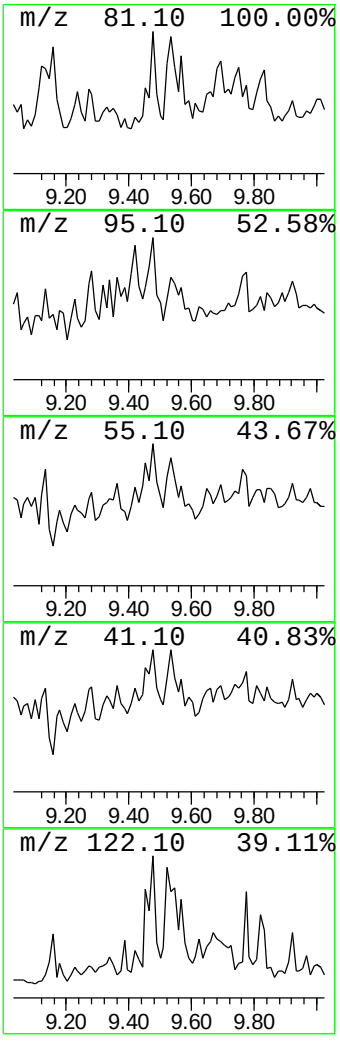
Peak Number 16 unknown9.53 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.85 ng	140274	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	49
2	2-(Fench-2-yl)fenchane	274	C20H34	1000105-83-1	47
3	Bicyclo[3.3.1]nonan-3-ol, exo-	140	C9H16O	010036-08-5	43
4	1,1-Cyclohexanediacetic acid	200	C10H16O4	004355-11-7	43
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	43





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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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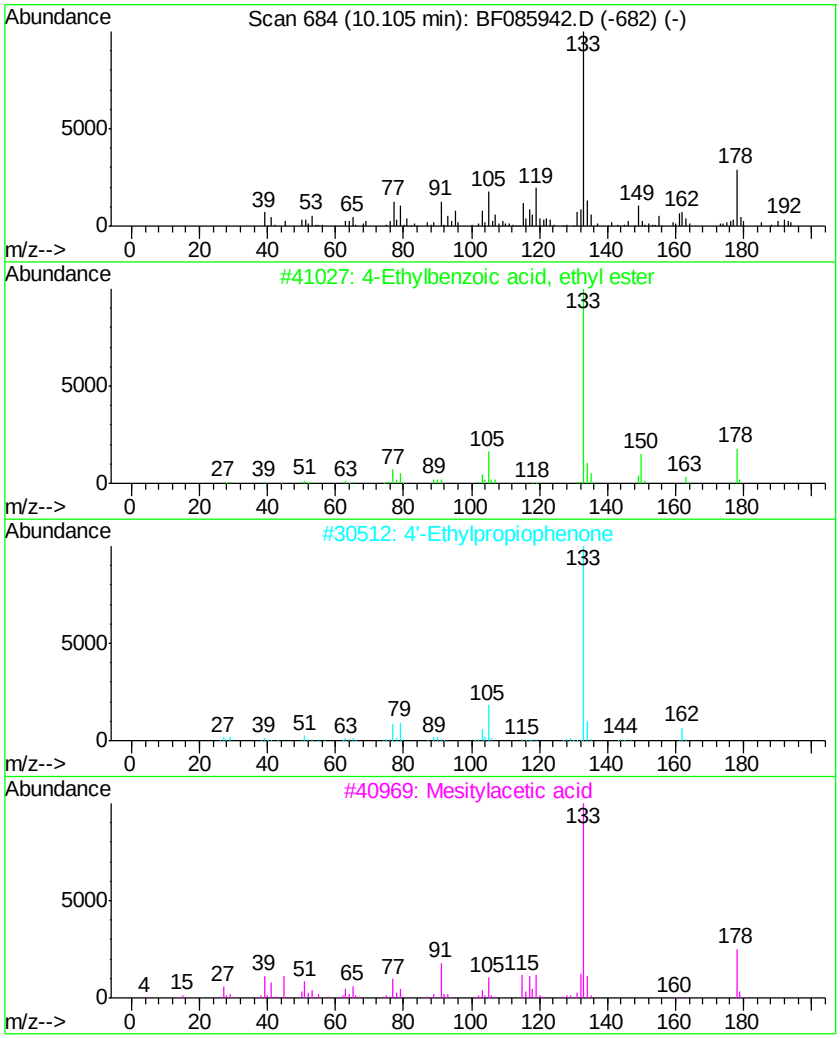
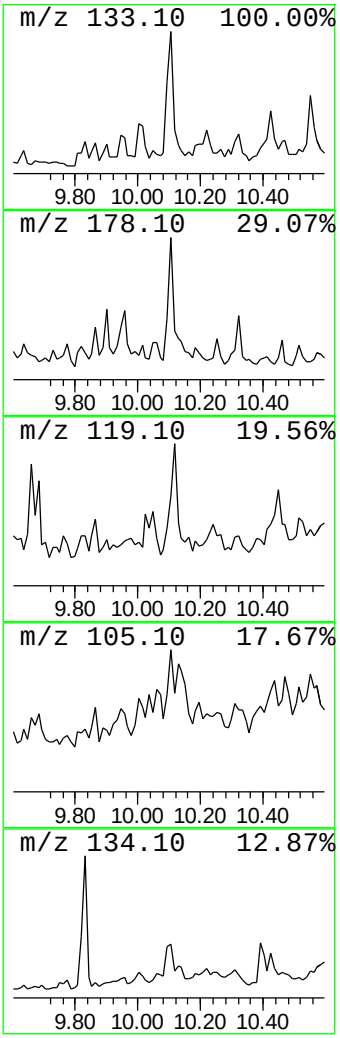
Peak Number 17 4-Ethylbenzoic acid, ethyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.33 ng	114537	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	68
2	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	55
3	Mesitylacetic acid	178	C11H14O2	004408-60-0	50
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	47





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Sample : H1976-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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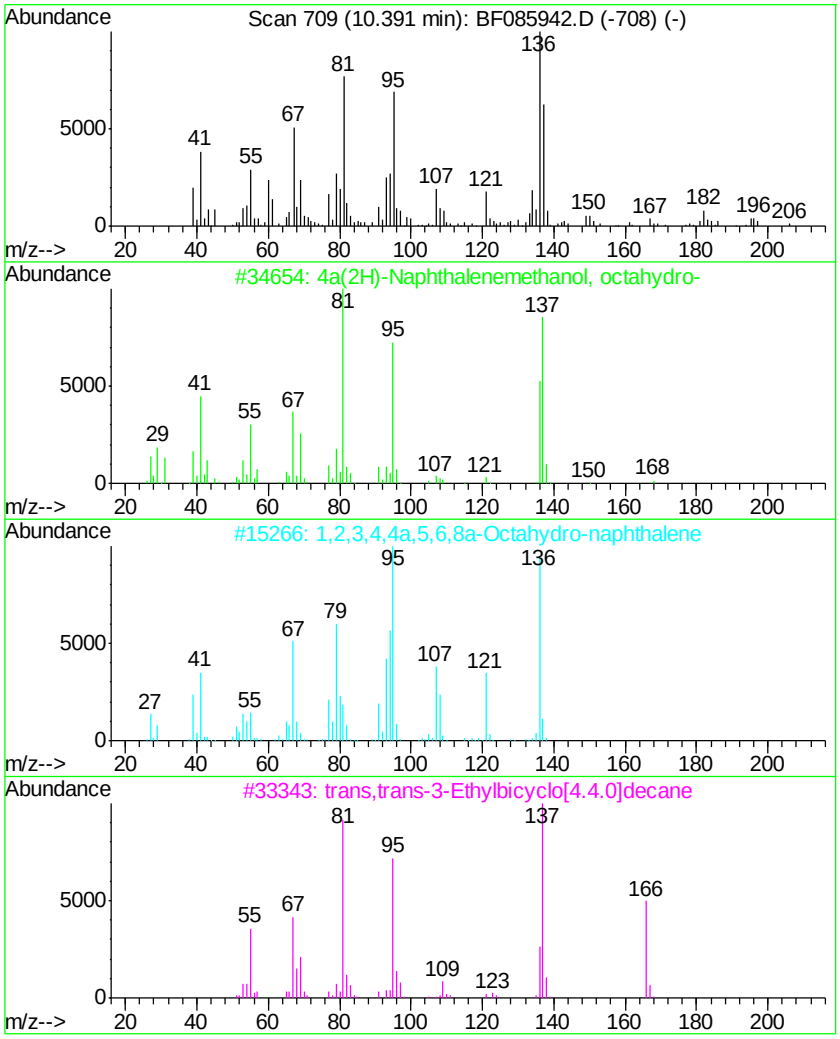
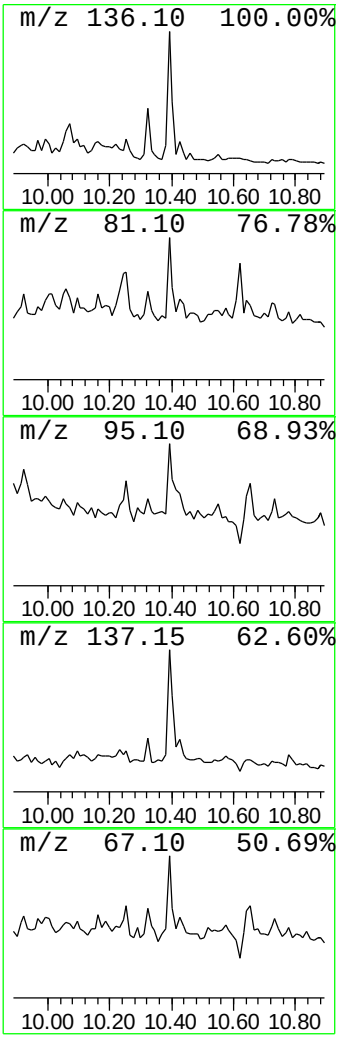
Peak Number 18 4a(2H)-Naphthalenemethanol,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	2.34 ng	115422	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	52
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	49
3	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	43
4	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	25
5	2H-Quinolizine, 1,3,4,6,7,9a-hex...	137	C9H15N	001004-90-6	25





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TIC Library : C:\DATABASE\NIST02.L
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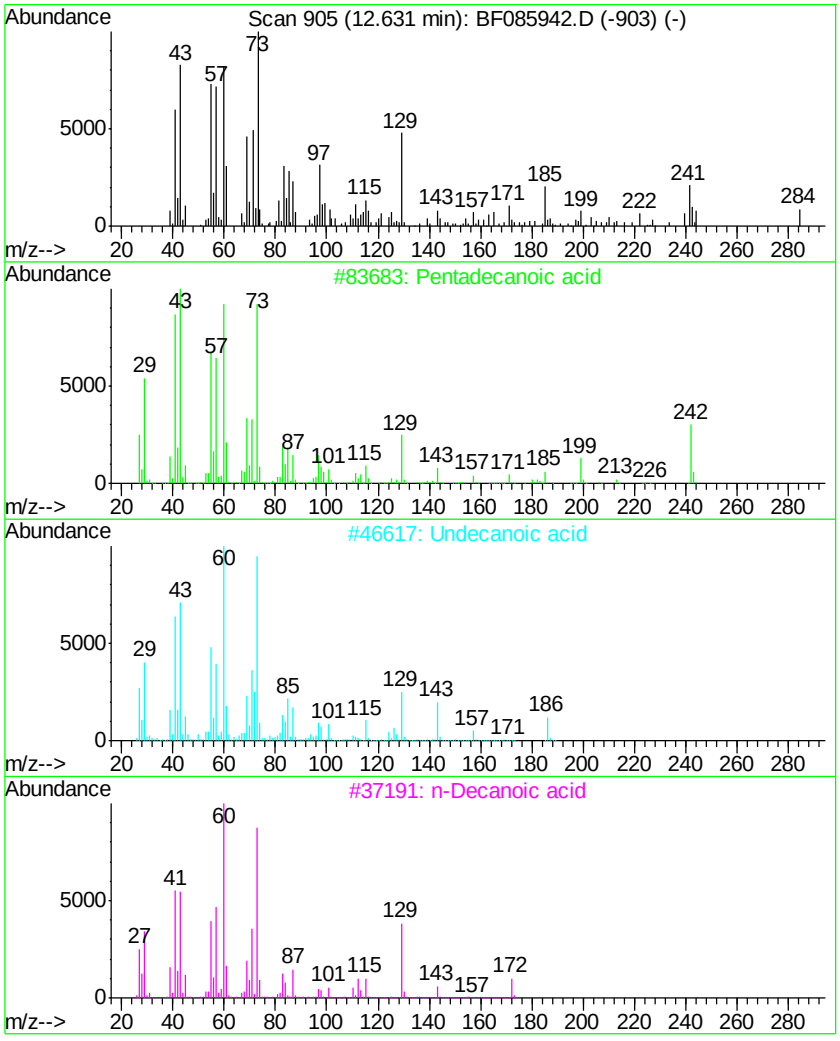
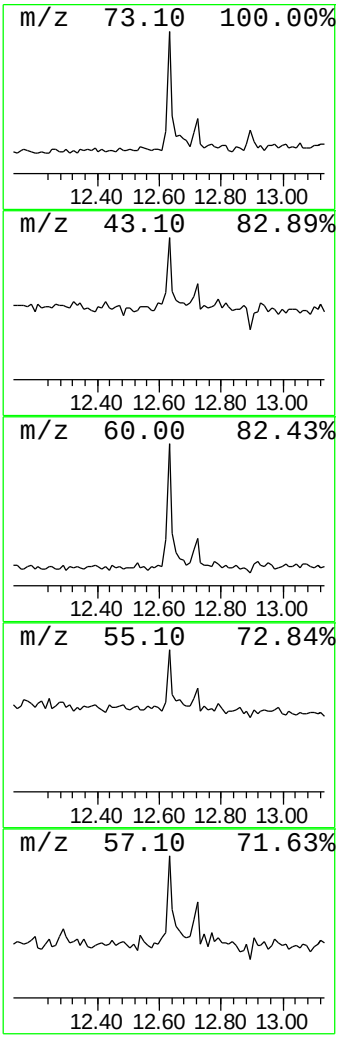
Peak Number 19 Pentadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.47 ng	66365	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	Undecanoic acid	186	C11H22O2	000112-37-8	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tetradecane	198	C14H30	000629-59-4	53
5	Tridecane	184	C13H28	000629-50-5	25





Tentatively Identified Compound (LSC) summary

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Data File : BF085942.D
Acq On : 31 Mar 2016 22:14
Operator : UM/SJ
Sample : H1976-09
Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

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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
unknown8.00	8.00	3.2	ng	157854	2	8.07	984373	20.0
unknown8.28	8.28	3.3	ng	164558	2	8.07	984373	20.0
Borneol	8.42	4.5	ng	220555	2	8.07	984373	20.0
Benzo[b]thiophene...	8.55	4.0	ng	199173	2	8.07	984373	20.0
unknown8.63	8.63	3.6	ng	178354	2	8.07	984373	20.0
Cyclopentane, 1,1...	8.71	5.8	ng	288161	2	8.07	984373	20.0
unknown8.79	8.79	3.4	ng	168998	2	8.07	984373	20.0
unknown8.88	8.88	6.7	ng	327985	2	8.07	984373	20.0
4,7-Methano-1H-in...	8.93	2.3	ng	115071	2	8.07	984373	20.0
unknown8.95	8.95	2.3	ng	115293	2	8.07	984373	20.0
unknown9.22	9.22	2.4	ng	118914	3	9.83	984794	20.0
unknown9.28	9.28	2.0	ng	100486	3	9.83	984794	20.0
unknown9.48	9.48	6.3	ng	312561	3	9.83	984794	20.0
unknown9.53	9.53	2.9	ng	140274	3	9.83	984794	20.0
4-Ethylbenzoic ac...	10.10	2.3	ng	114537	3	9.83	984794	20.0
4a(2H)-Naphthalen...	10.39	2.3	ng	115422	3	9.83	984794	20.0
Pentadecanoic acid	12.63	2.5	ng	66365	5	13.95	536990	20.0