LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

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-BF013017.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	5.093	261	263	266	rBV	447960	499672	12.62%	1.447%
2	5.527	298	301	303	rBV	2027704	1790982	45.24%	5.185%
3	6.556	389	391	394	rBV	1496146	1355104	34.23%	3.923%
4	6.693	400	403	405	rBV	3749171	3434071	86.74%	9.941%
5	6.922	421	423	425	rBV	1131304	922086	23.29%	2.669%
6	7.082	434	437	439	rBV	3452794	3367220	85.05%	9.748%
7	7.493	470	473	474	rBV	2589737	3003500	75.87%	8.695%
8	7.516	474	475	478	rVB	65888	65492	1.65%	0.190%
9	7.676	487	489	492	rVB	21581	41682	1.05%	0.121%
10	7.882	503	507	510	rBV2	28879	51572	1.30%	0.149%
11	7.950	510	513	515	rBV	136701	170778	4.31%	0.494%
12	8.213	533	536	540	rBV2	958203	1929945	48.75%	5.587%
13	8.407	550	553	555	rBV4	27197	43498	1.10%	0.126%
14	8.590	565	569	571	rBV2	67641	100693	2.54%	0.292%
15	8.670	571	576	578	rVV	43723	78693	1.99%	0.228%
16	8.716	578	580	583	rVB3	34981	48755	1.23%	0.141%
17	8.796	586	587	589	rVB2	52204	51531	1.30%	0.149%
18	8.922	596	598	600	rVV	153170	137097	3.46%	0.397%
19	9.025	604	607	609	rBV	171925	202867	5.12%	0.587%
20	9.150	612	618	620	rBV6	36495	140529	3.55%	0.407%
21	9.287	627	630	633	rBV	3439981	3935841	99.42%	11.394%
22	9.436	641	643	645	rBV	28186	40182	1.01%	0.116%
23	9.482	645	647	650	rVB	77190	105474	2.66%	0.305%
24	9.550	650	653	655	rBV2	151322	225098	5.69%	0.652%
25	9.630	658	660	661	rBV	176441	227598	5.75%	0.659%
26	9.745	668	670	675	rVB	100735	140824	3.56%	0.408%
27	9.825	675	677	679	rBV	80336	82913	2.09%	0.240%
28	9.893	682	683	687	rBV3	21438	47507	1.20%	0.138%
29	9.973	687	690	691	rVV	1151342	1250077	31.58%	3.619%
30	9.996	691	692	694	rVV	133578	167183	4.22%	0.484%
31	10.076	696	699	701	rVB2	45419	76905	1.94%	0.223%
32	10.133	701	704	705	rBV3	30793	48912	1.24%	0.142%
33	10.168	705	707	709	rBV2	83804	91746	2.32%	0.266%
34	10.213	709	711	713	rVB	55761	52240	1.32%	0.151%

LSC Area Percent Report

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Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.282	715	717	719	rBV2	79835	98240	2.48%	0.284%
36	10.373	723	725	726	rBV	47205	71213	1.80%	0.206%
37	10.396	726	727	729	rVB	81441	72262	1.83%	0.209%
38	10.465	731	733	736	rBV3	37065	57229	1.45%	0.166%
39	10.510	736	737	740	rBV2	68488	94897	2.40%	0.275%
40	10.579	741	743	746	rBV2	83168	163972	4.14%	0.475%
41	10.762	756	759	762	rBV	1990698	2333462	58.94%	6.755%
42	10.888	767	770	773	rVB3	111020	157178	3.97%	0.455%
43	10.956	774	776	779	rBV3	31091	57150	1.44%	0.165%
44	11.059	783	785	787	rBV	28932	46579	1.18%	0.135%
45	11.093	787	788	792	rVB	62535	80763	2.04%	0.234%
46	11.322	806	808	810	rBV3	32719	60467	1.53%	0.175%
47	11.459	818	820	826	rVB	1363991	1209228	30.54%	3.501%
48	11.573	828	830	833	rBV	76150	86323	2.18%	0.250%
49	12.076	872	874	877	rVB3	29421	54854	1.39%	0.159%
50	13.048	956	959	962	rBV	2929135	3958926	100.00%	11.461%
51	13.951	1036	1038	1043	rVB3	34923	52467	1.33%	0.152%
52	14.099	1049	1051	1054	rVB	1019916	1062413	26.84%	3.076%
53	15.562	1176	1179	1182	rBV	606357	896949	22.66%	2.597%

Sum of corrected areas: 34542839

LSC Report - Integrated Chromatogram

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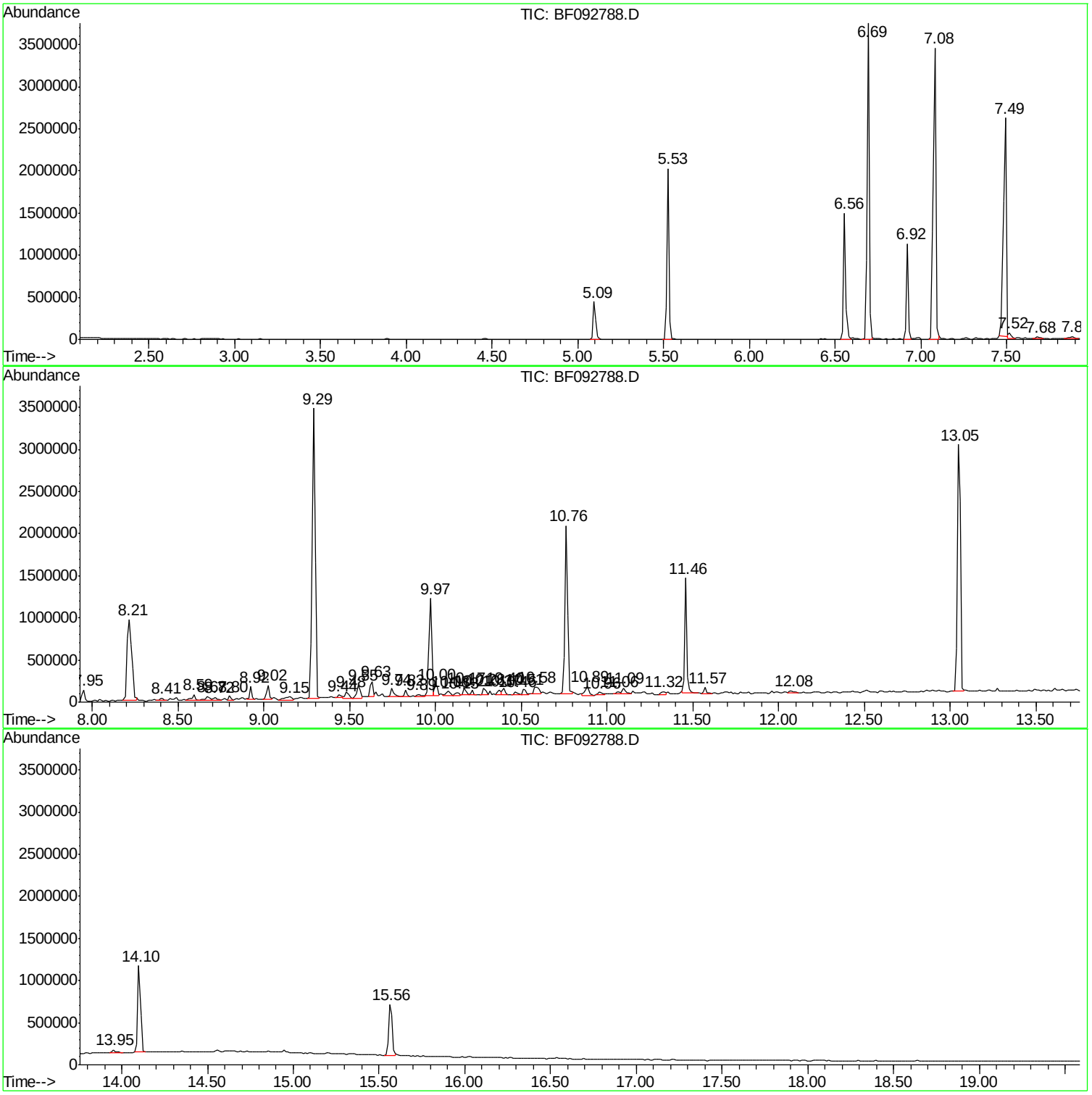
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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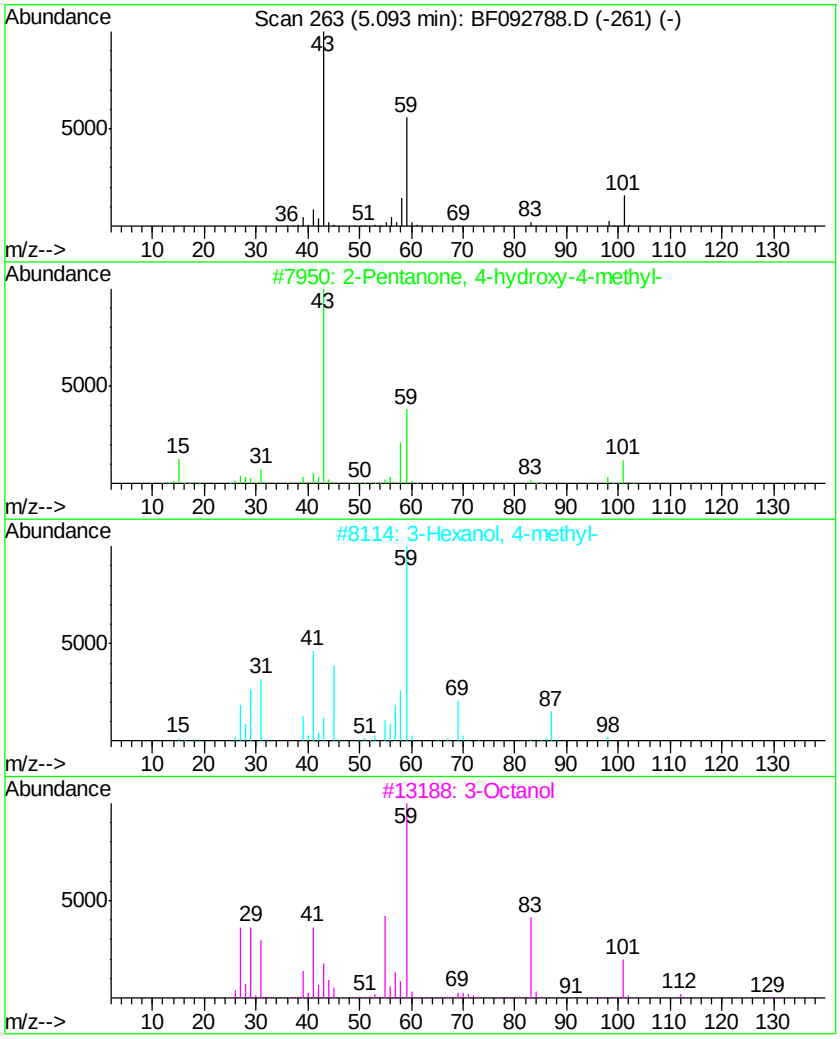
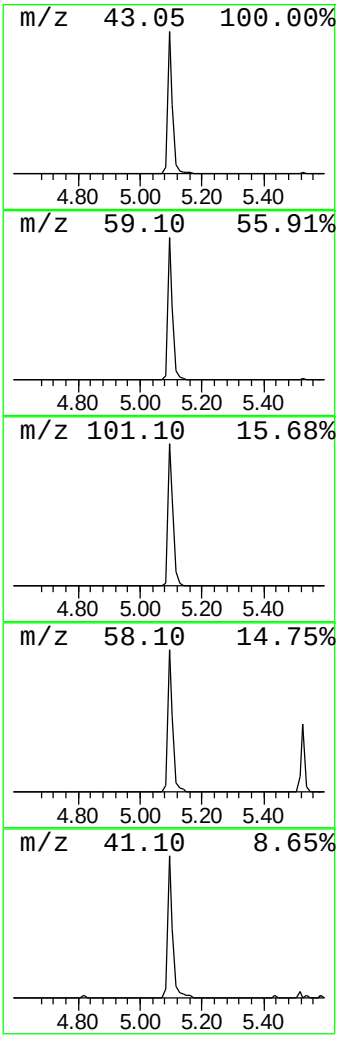
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	10.84 ng	499672	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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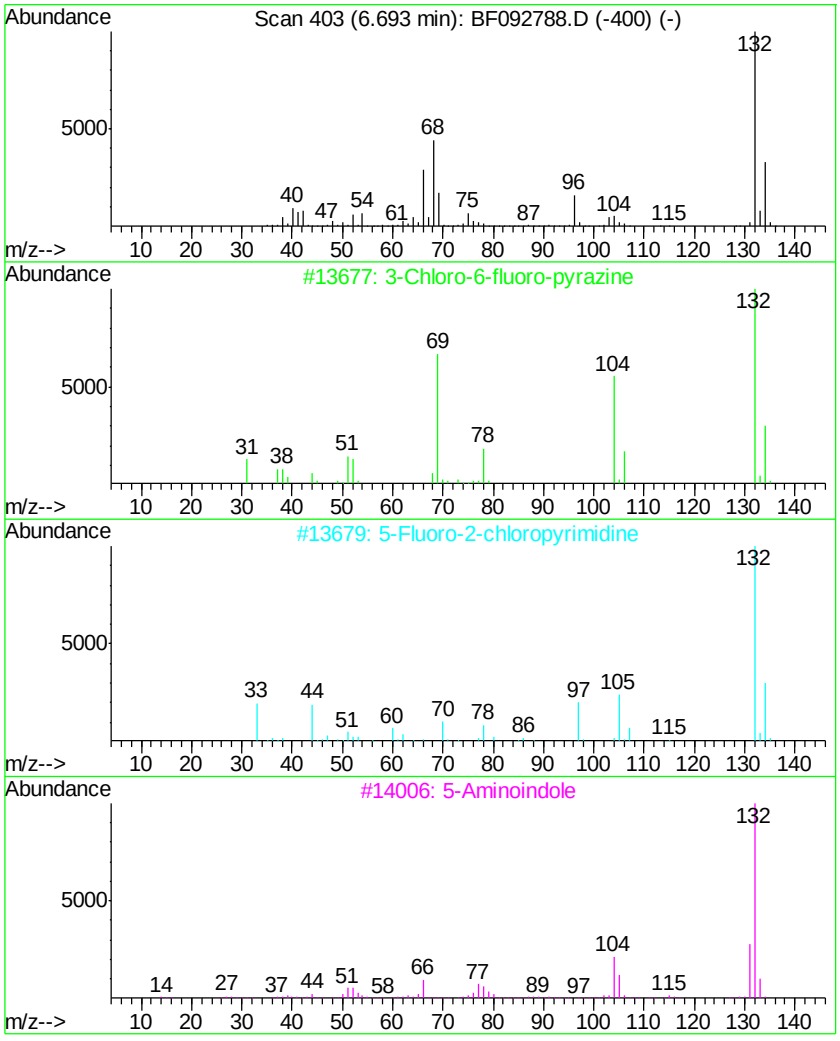
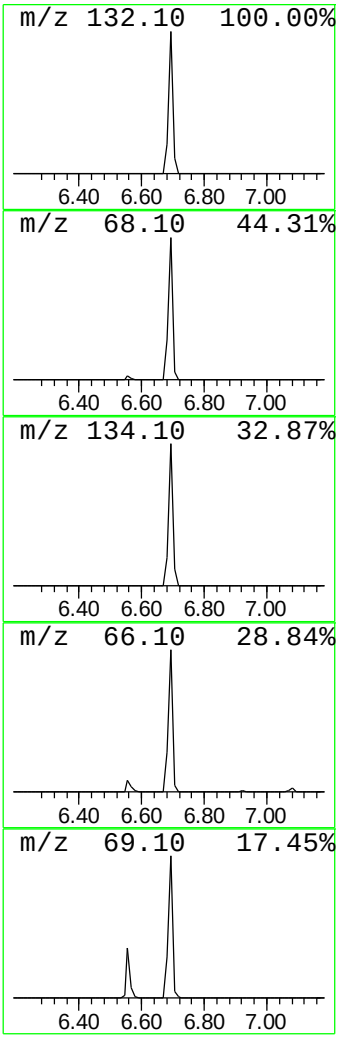
Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	74.48 ng	3434070	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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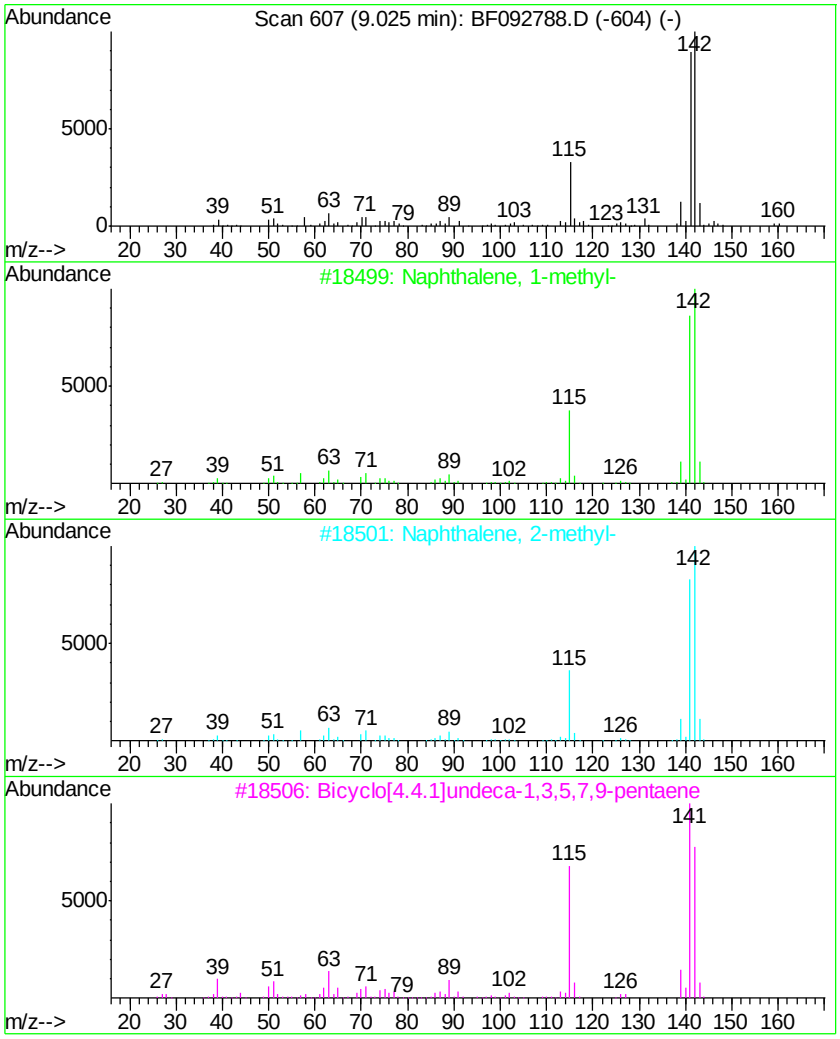
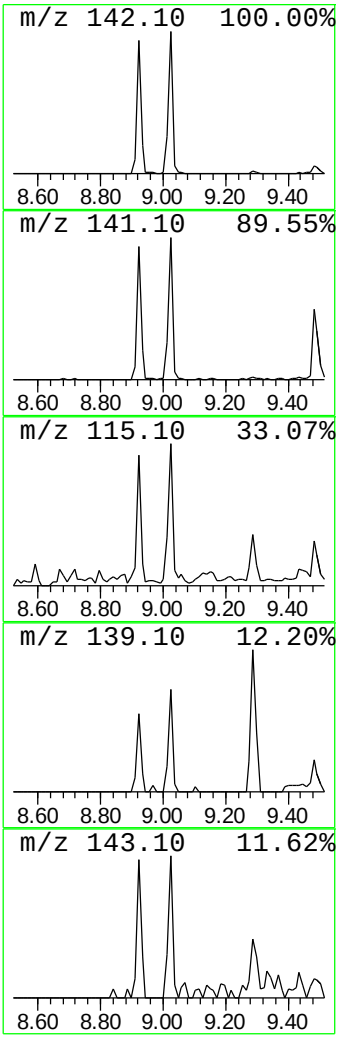
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.10 ng	202867	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





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Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

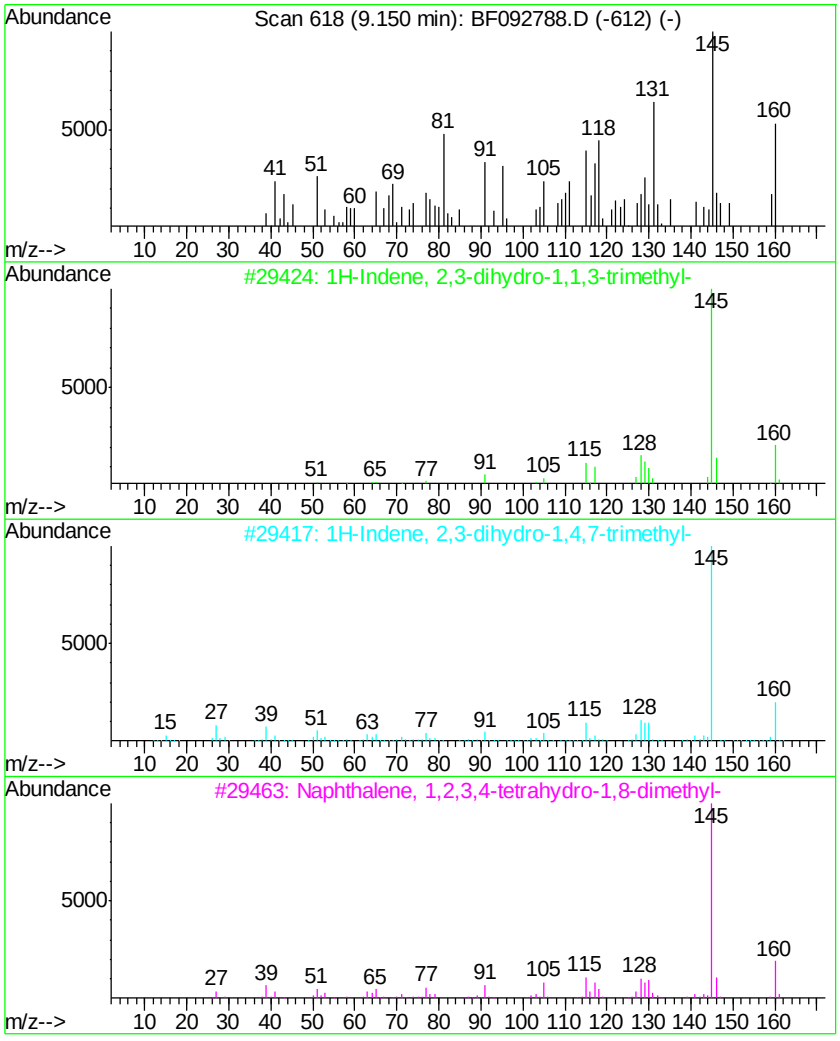
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

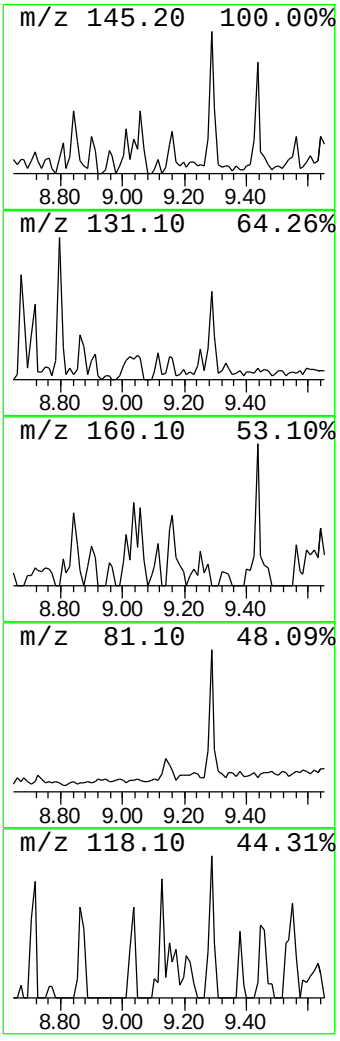
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.25 ng	140529	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	43
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	43





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Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

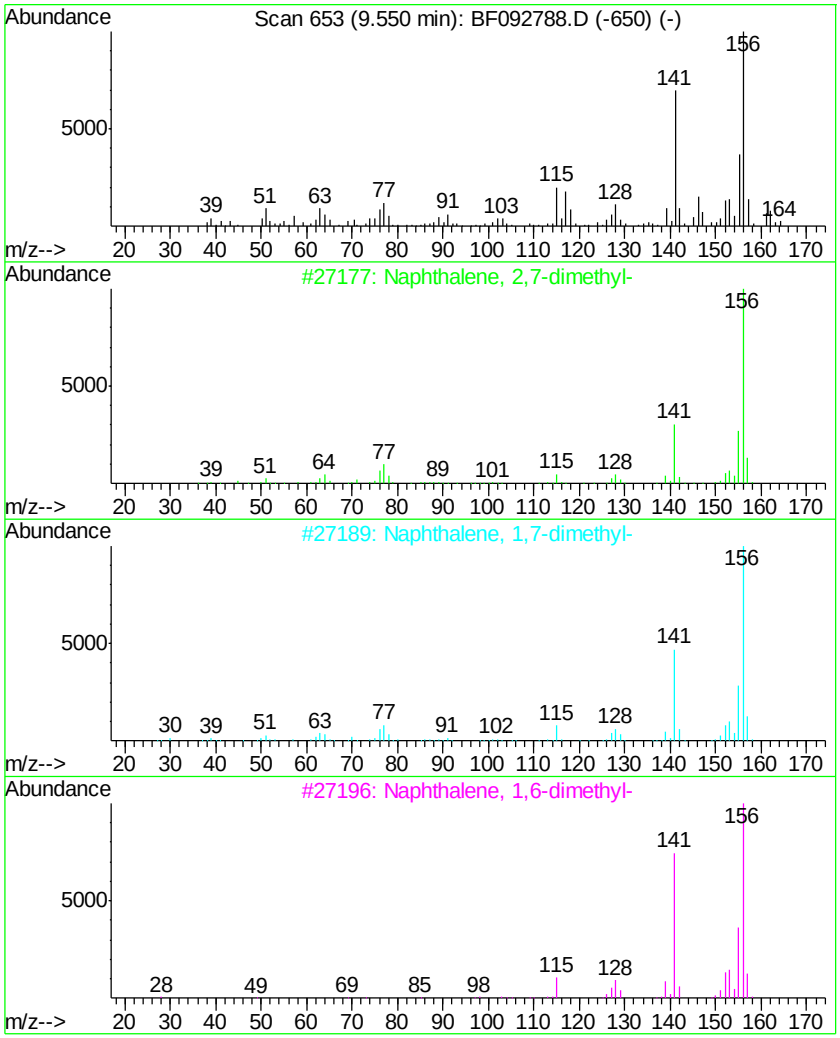
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

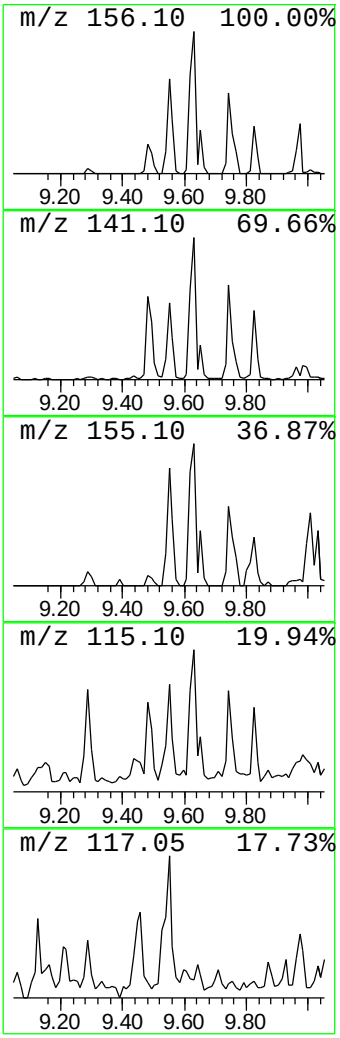
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.60 ng	225098	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

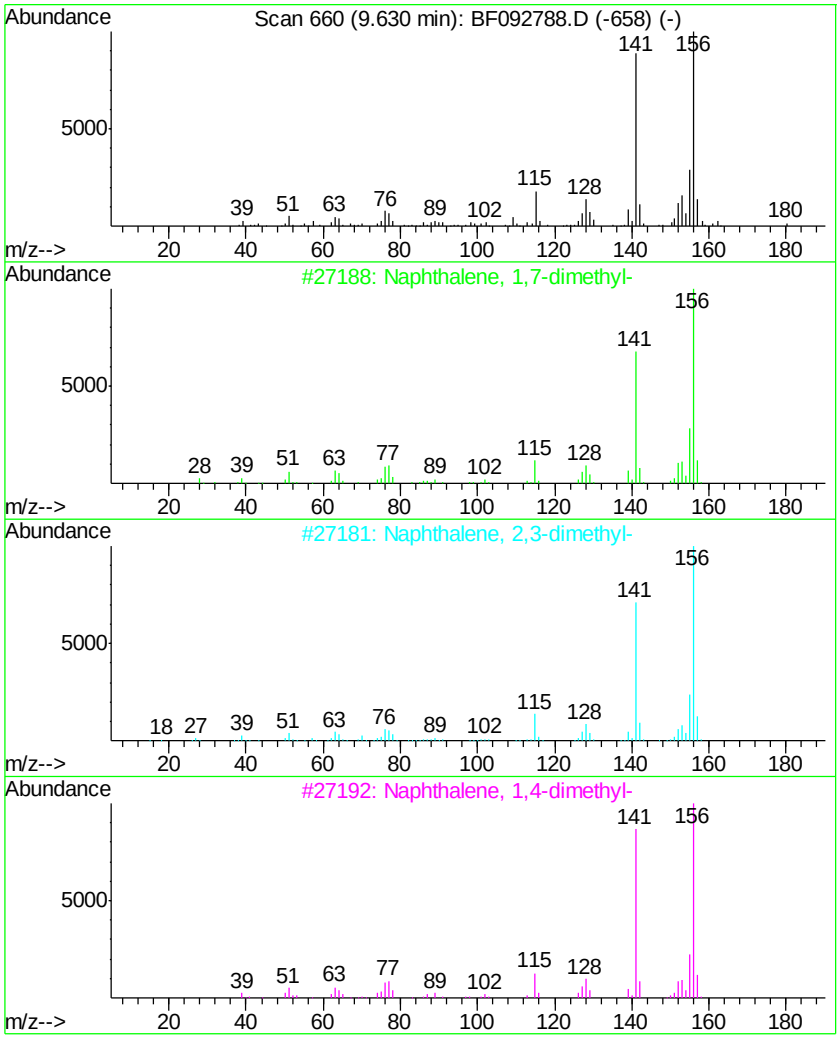
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

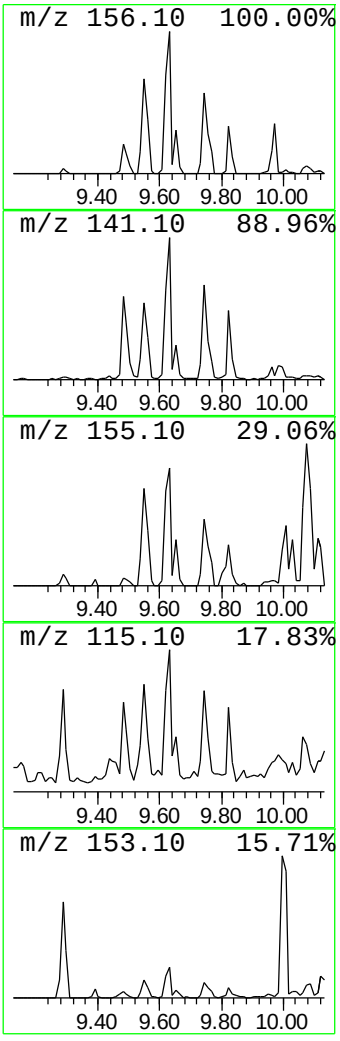
****

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	3.64 ng	227598	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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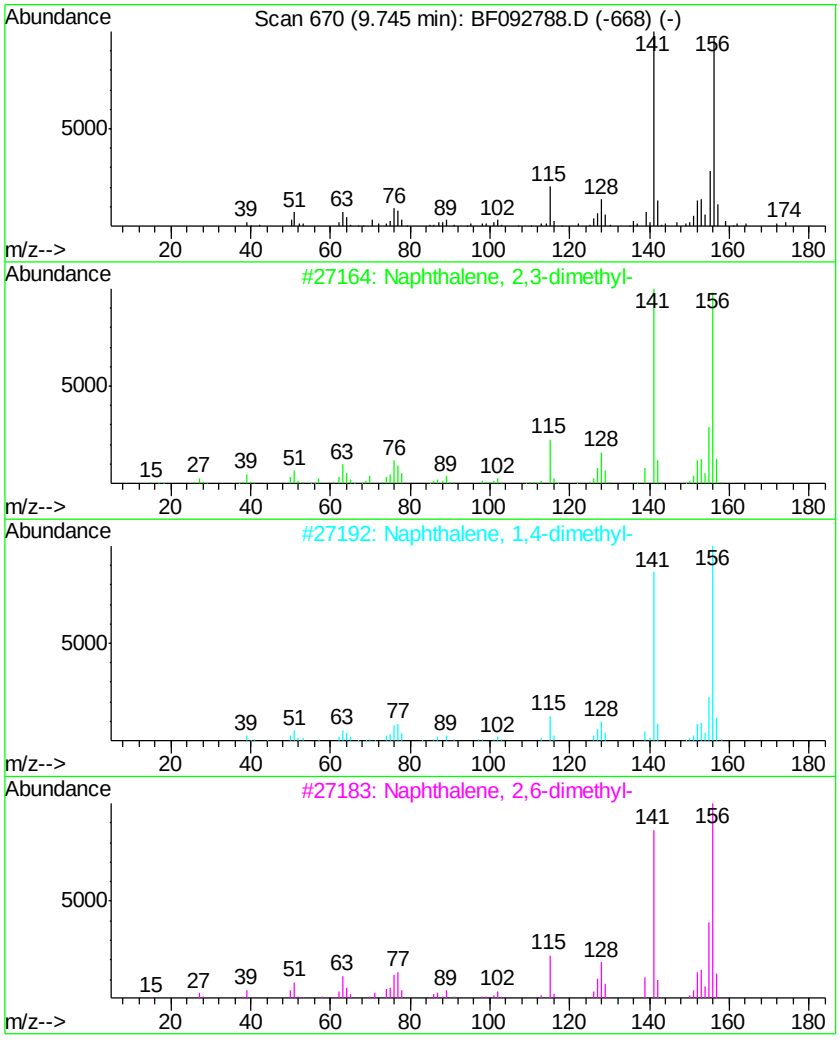
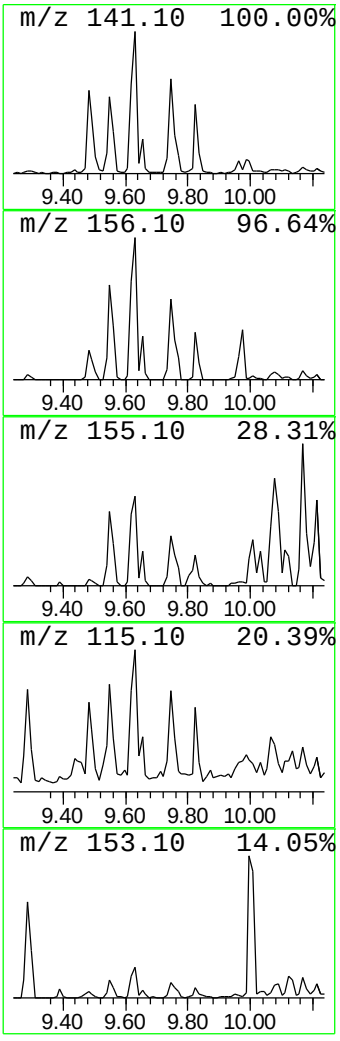
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.25 ng	140824	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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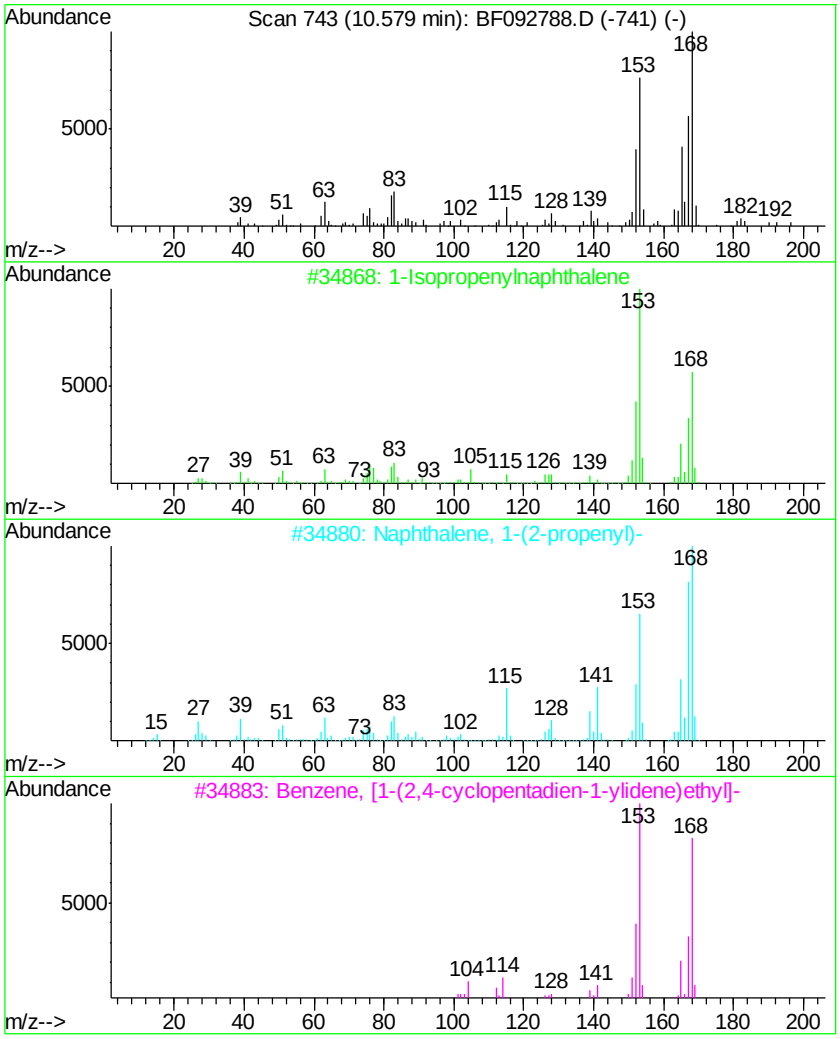
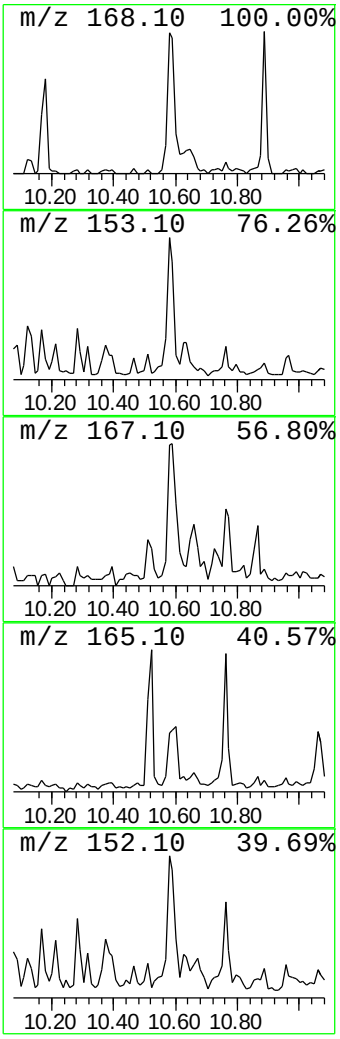
Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.62 ng	163972	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	62
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

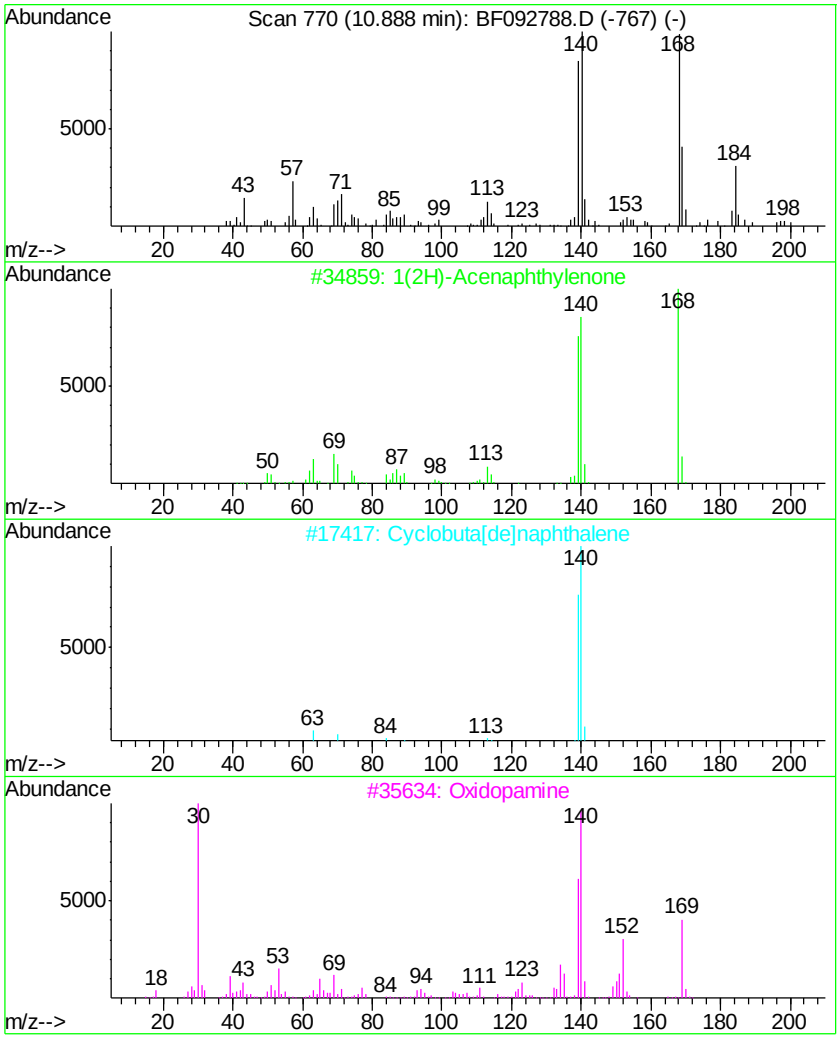
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

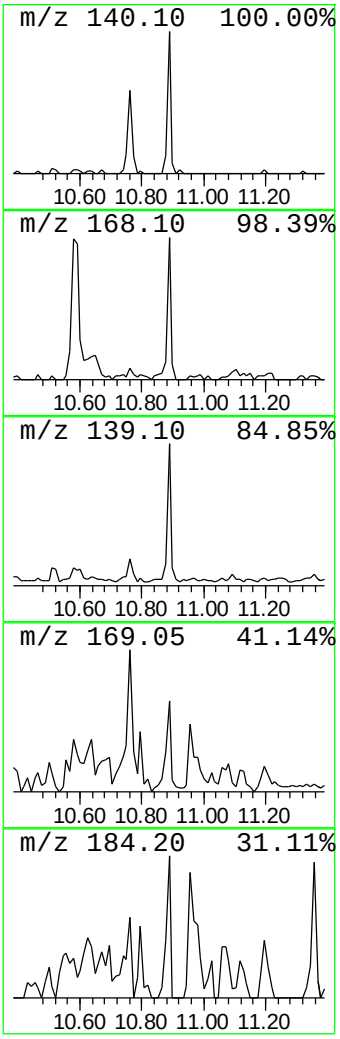
****

Peak Number 10 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.60 ng	157178	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	55
3	Oxidopamine	169	C8H11NO3	001199-18-4	50
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
5	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092788.D
Acq On : 3 Feb 2017 21:11
Operator : SJ/MA
Sample : I1666-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GPW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.09	10.8	ng	499672	1	6.92	922086	20.0
unknown6.69	6.69	74.5	ng	3434070	1	6.92	922086	20.0
Naphthalene, 1-me...	9.02	2.1	ng	202867	2	8.21	1929950	20.0
1H-Indene, 2,3-di...	9.15	2.3	ng	140529	3	9.97	1250080	20.0
Naphthalene, 2,7-...	9.55	3.6	ng	225098	3	9.97	1250080	20.0
Naphthalene, 1,7-...	9.63	3.6	ng	227598	3	9.97	1250080	20.0
Naphthalene, 2,3-...	9.74	2.3	ng	140824	3	9.97	1250080	20.0
1-Isopropenylnaph...	10.58	2.6	ng	163972	3	9.97	1250080	20.0
1(2H)-Acenaphthyl...	10.89	2.6	ng	157178	4	11.46	1209230	20.0