LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

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-BF070115.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	2.224	10	12	29	rVV	1306970	2670511	100.00%	21.999%
2	2.441	29	31	35	rVB	423641	684427	25.63%	5.638%
3	4.990	252	254	257	rBV	35670	45350	1.70%	0.374%
4	5.447	292	294	298	rVB	63579	64085	2.40%	0.528%
5	5.847	326	329	331	rBV	268933	241505	9.04%	1.989%
6	6.842	414	416	419	rBV	165645	147208	5.51%	1.213%
7	7.002	428	430	433	rVB	455561	453203	16.97%	3.733%
8	7.242	449	451	454	rVB	223708	180686	6.77%	1.488%
9	7.402	463	465	467	rBV	722373	604266	22.63%	4.978%
10	7.802	496	500	502	rBV	410618	458187	17.16%	3.774%
11	8.042	520	521	522	rVB	40272	27627	1.03%	0.228%
12	8.270	539	541	542	rBV	120734	101778	3.81%	0.838%
13	8.373	548	550	551	rVB	52447	38079	1.43%	0.314%
14	8.533	556	564	567	rBV2	302944	408682	15.30%	3.367%
15	8.579	567	568	570	rVB	41513	30273	1.13%	0.249%
16	9.036	606	608	610	rVB	47651	40878	1.53%	0.337%
17	9.196	620	622	624	rVB	52856	44640	1.67%	0.368%
18	9.253	624	627	629	rVB	195664	213550	8.00%	1.759%
19	9.345	633	635	637	rBV	275538	335038	12.55%	2.760%
20	9.550	651	653	656	rVV	28139	32158	1.20%	0.265%
21	9.608	656	658	660	rVB	1262404	961950	36.02%	7.924%
22	9.710	665	667	669	rVB	62017	55879	2.09%	0.460%
23	9.813	673	676	680	rBV2	54352	86523	3.24%	0.713%
24	9.882	680	682	684	rBV	108525	144286	5.40%	1.189%
25	9.951	686	688	690	rVV	220422	251580	9.42%	2.072%
26	9.985	690	691	695	rVB3	142517	152959	5.73%	1.260%
27	10.076	697	699	704	rVB	86628	121057	4.53%	0.997%
28	10.156	704	706	710	rBV	70004	60290	2.26%	0.497%
29	10.305	714	719	720	rBV3	257336	291326	10.91%	2.400%
30	10.339	720	722	725	rVB3	36255	51221	1.92%	0.422%
31	10.396	725	727	729	rBV2	20309	32628	1.22%	0.269%
32	10.499	735	736	738	rVB	49988	43927	1.64%	0.362%
33	10.545	738	740	742	rVB3	33036	39922	1.49%	0.329%
34	10.613	744	746	748	rBV	34418	39165	1.47%	0.323%

LSC Area Percent Report

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Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.705	752	754	757	rBV3	29921	60726	2.27%	0.500%
36	10.853	765	767	770	rBV	67529	73950	2.77%	0.609%
37	10.922	770	773	776	rBV2	81073	131872	4.94%	1.086%
38	11.013	776	781	783	rVB3	34540	63165	2.37%	0.520%
39	11.093	786	788	790	rBV	490702	428378	16.04%	3.529%
40	11.208	795	798	802	rVB2	74295	78817	2.95%	0.649%
41	11.391	811	814	816	rBV	14342	27907	1.05%	0.230%
42	11.436	816	818	820	rVB2	41240	38177	1.43%	0.314%
43	11.688	838	840	843	rVB	29254	51610	1.93%	0.425%
44	11.814	848	851	852	rBV	286861	287696	10.77%	2.370%
45	11.836	852	853	855	rVB	84471	61779	2.31%	0.509%
46	12.202	883	885	887	rVB	40323	32721	1.23%	0.270%
47	12.339	893	897	898	rBV	21407	28311	1.06%	0.233%
48	12.362	898	899	902	rVB	45162	46023	1.72%	0.379%
49	12.614	918	921	925	rVB2	20057	36411	1.36%	0.300%
50	12.934	946	949	951	rBV2	15708	34197	1.28%	0.282%
51	13.539	999	1002	1004	rBV	1033059	929748	34.82%	7.659%
52	14.671	1097	1101	1107	rBV3	11908	28884	1.08%	0.238%
53	14.854	1114	1117	1119	rVB	202376	278019	10.41%	2.290%
54	16.751	1280	1283	1286	rBV	181835	266041	9.96%	2.192%

Sum of corrected areas: 12139276

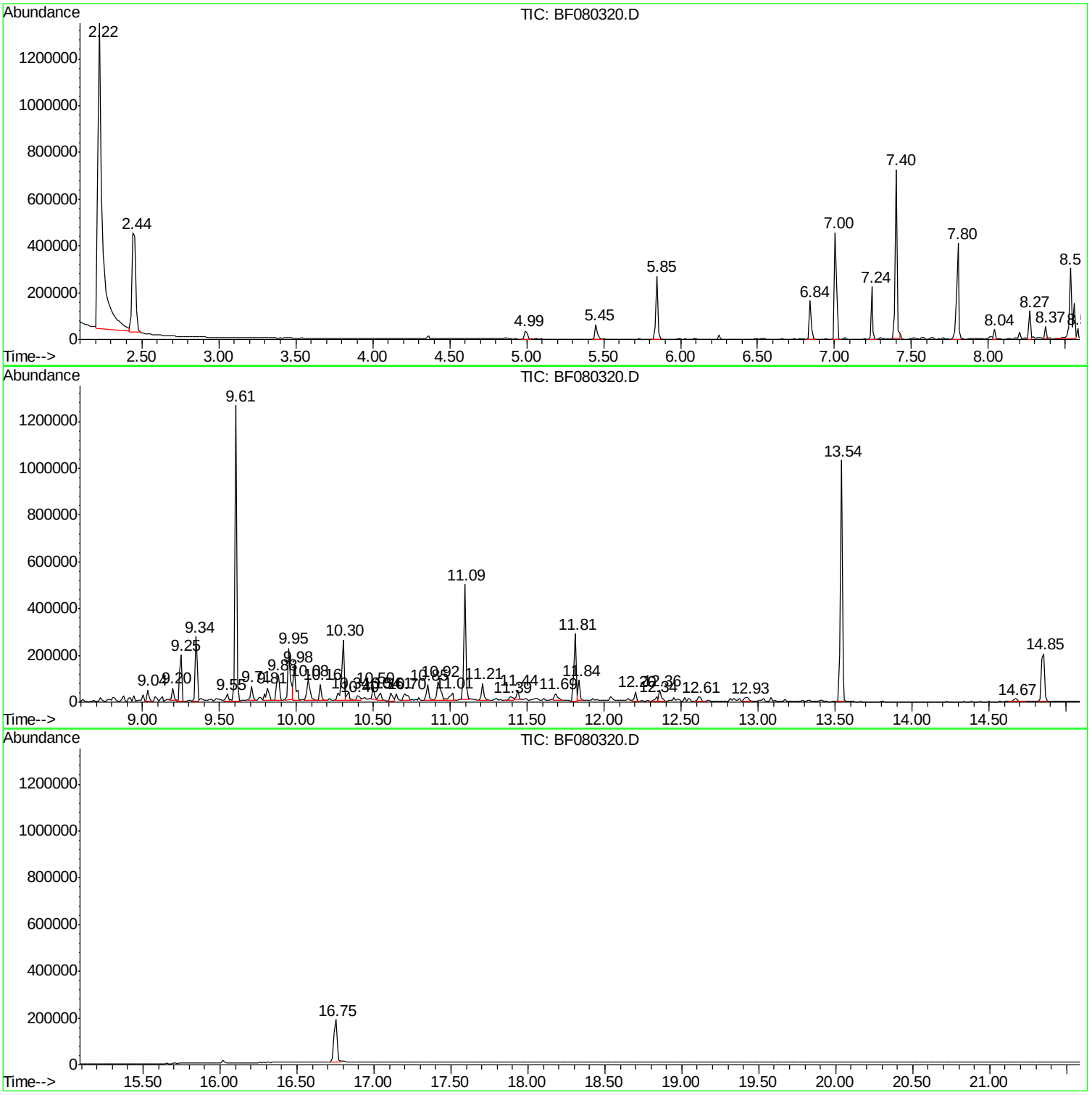
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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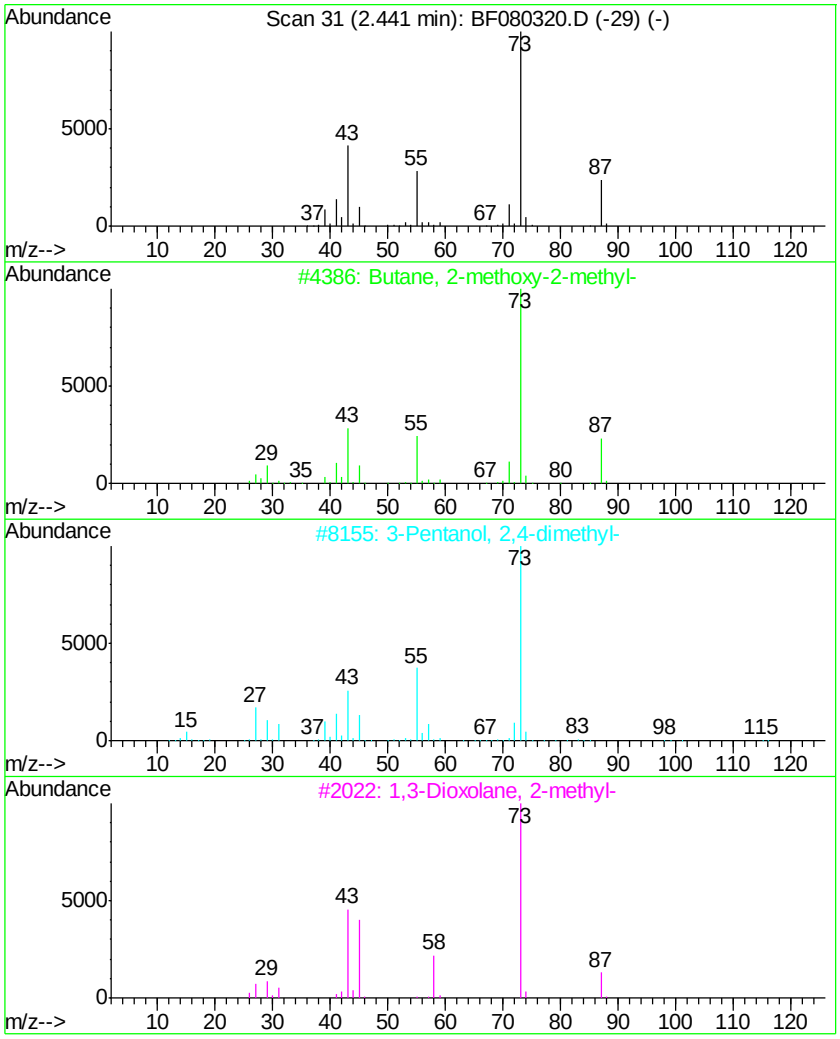
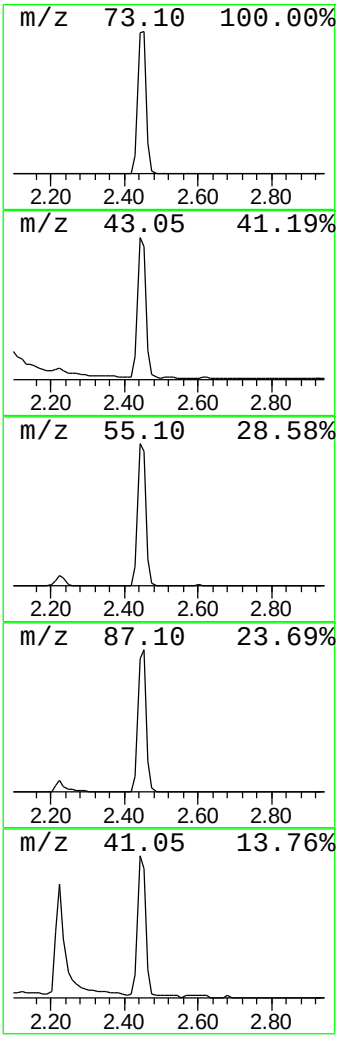
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	75.76 ng	684427	1,4-Dichlorobenzene-d4	7.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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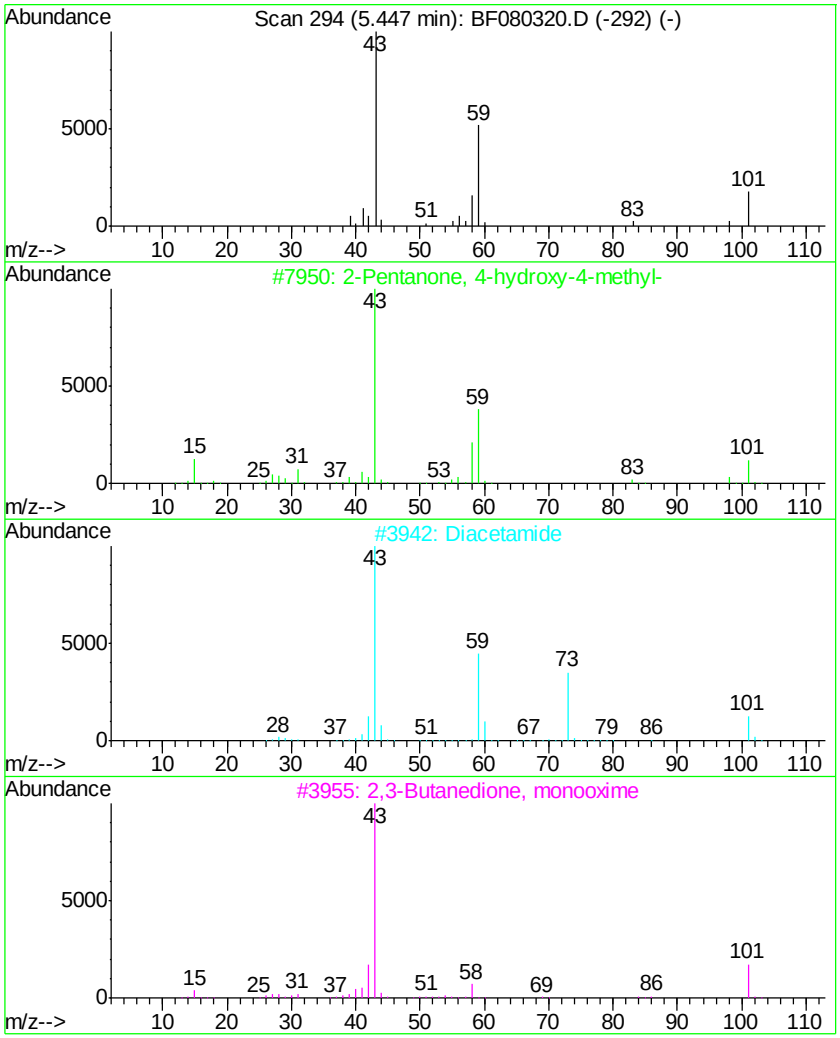
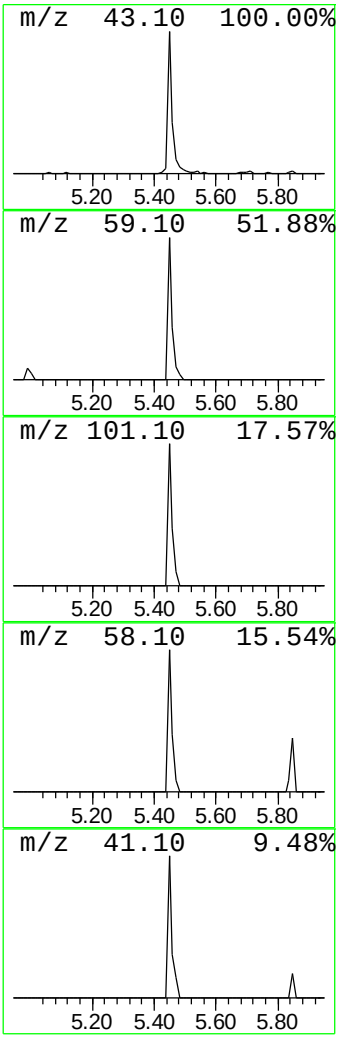
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	7.09 ng	64085	1,4-Dichlorobenzene-d4	7.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

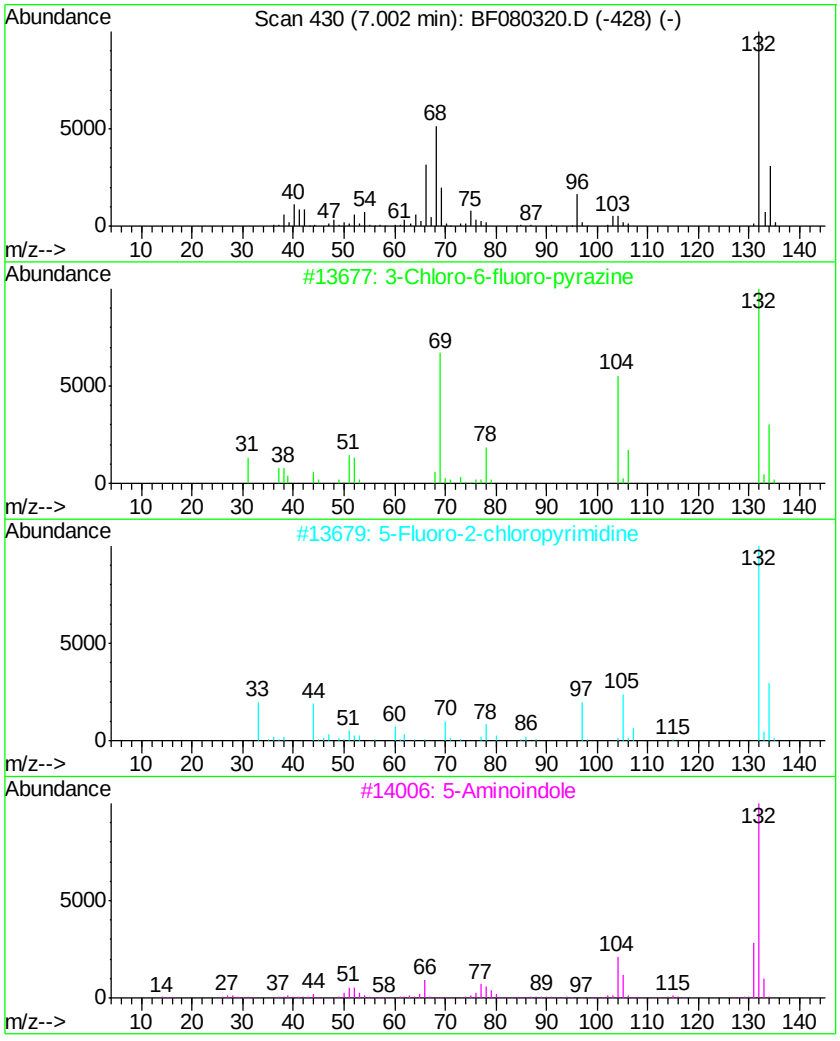
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

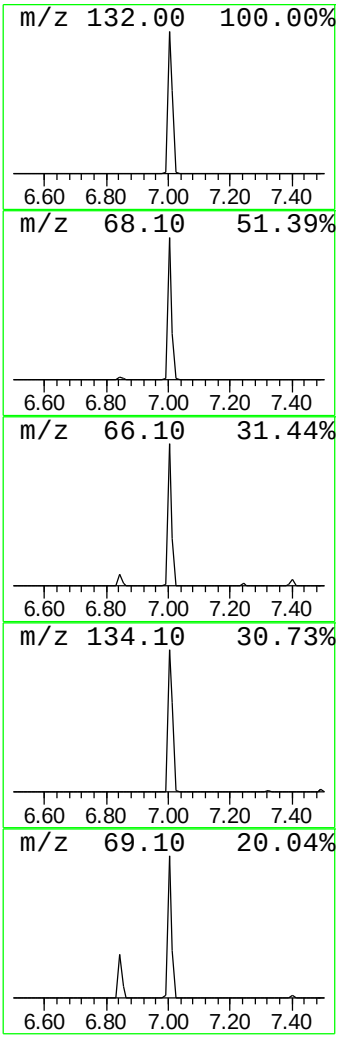
****

Peak Number 5 unknown7.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	50.16 ng	453203	1,4-Dichlorobenzene-d4	7.24

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

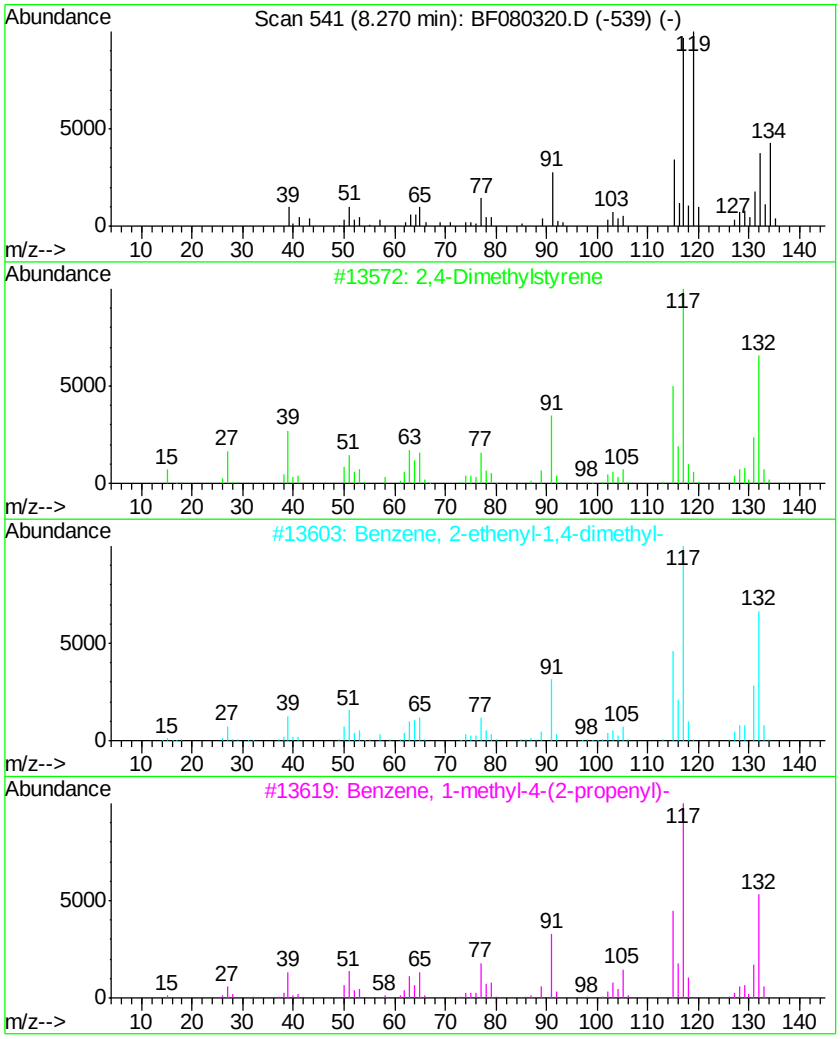
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

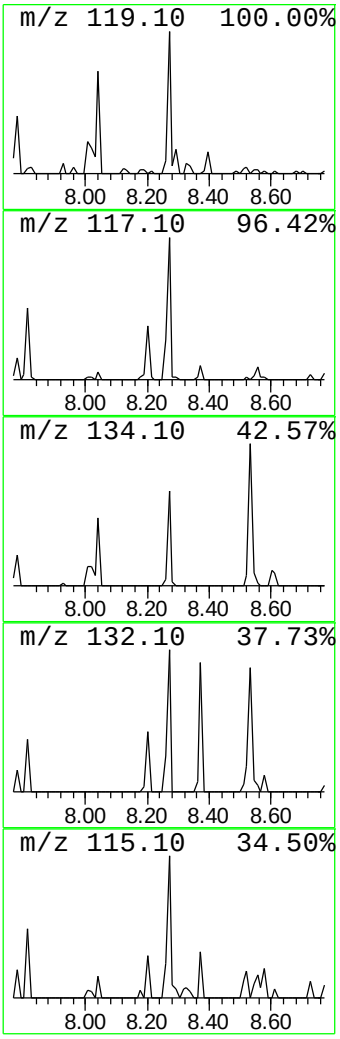
****

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	4.98 ng	101778	Naphthalene-d8	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

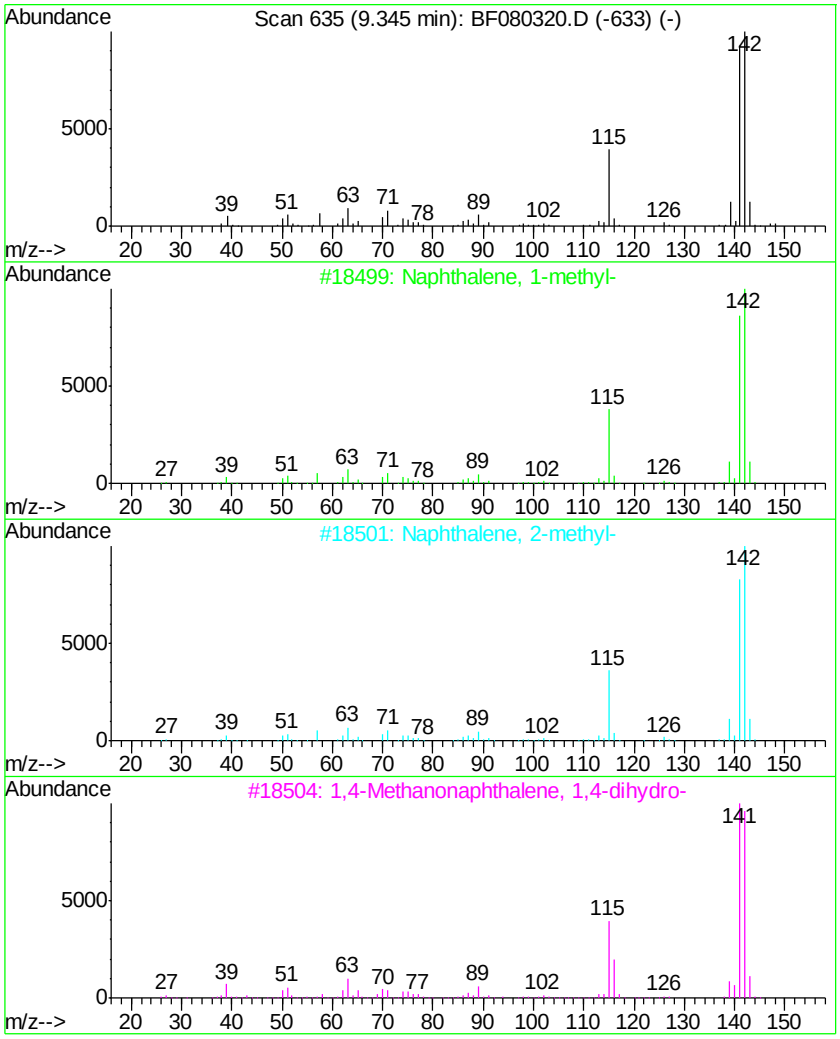
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

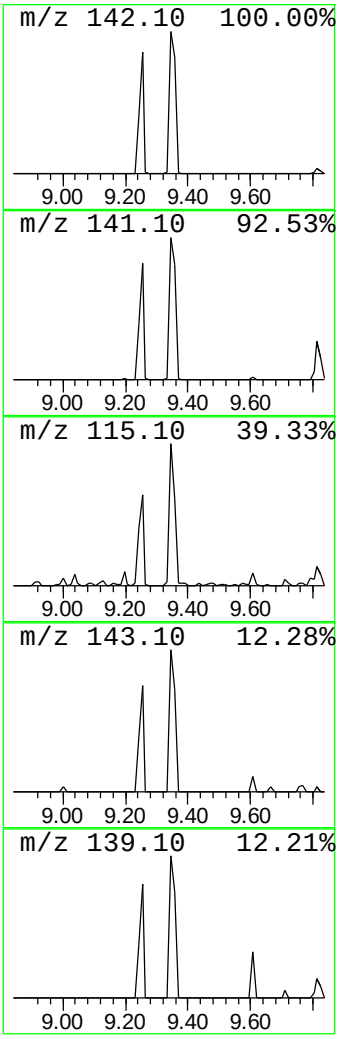
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	16.40 ng	335038	Naphthalene-d8	8.53

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

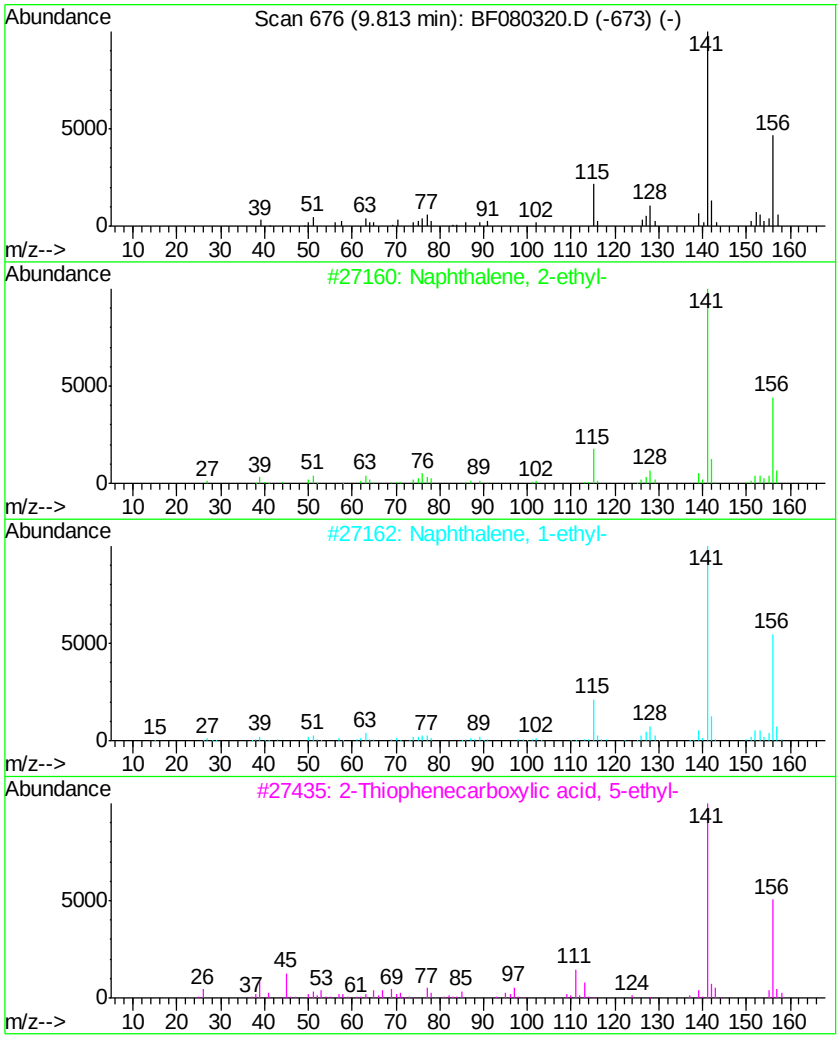
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

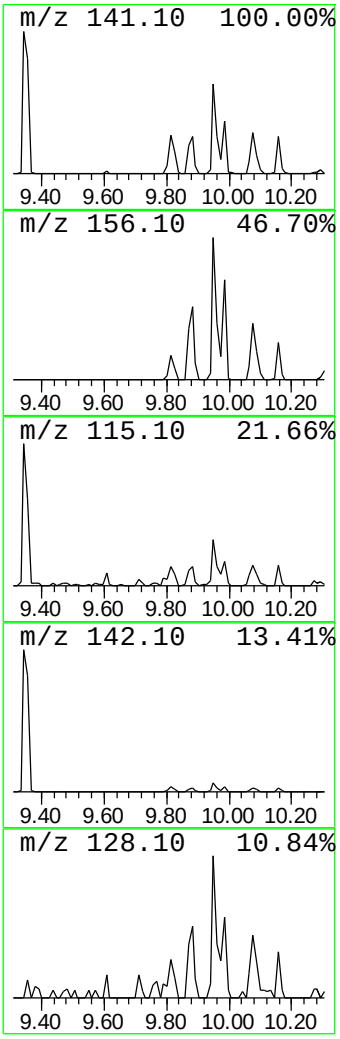
****

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.94 ng	86523	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	43





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Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

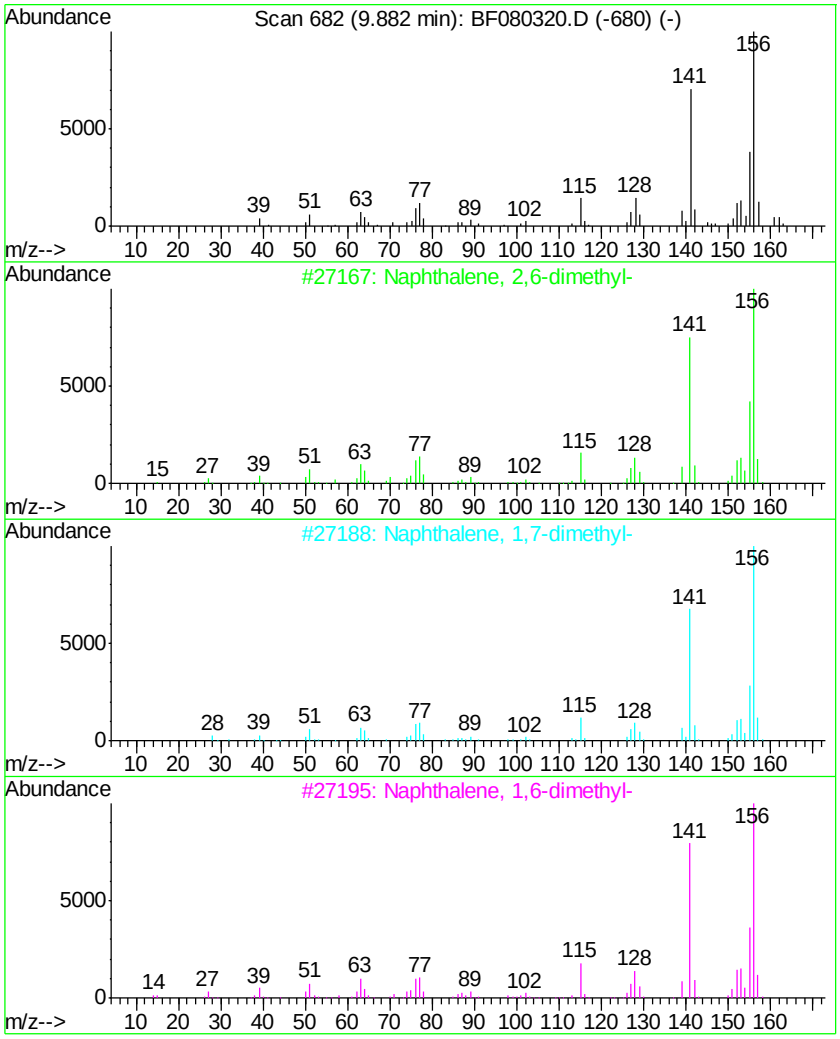
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

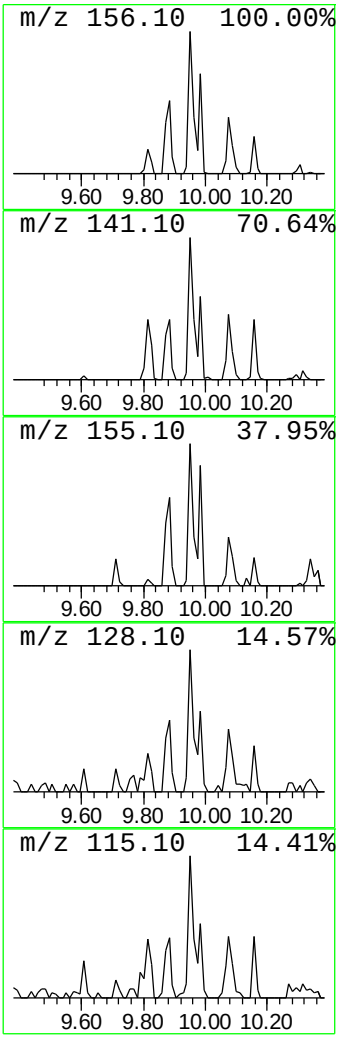
****

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	9.91 ng	144286	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

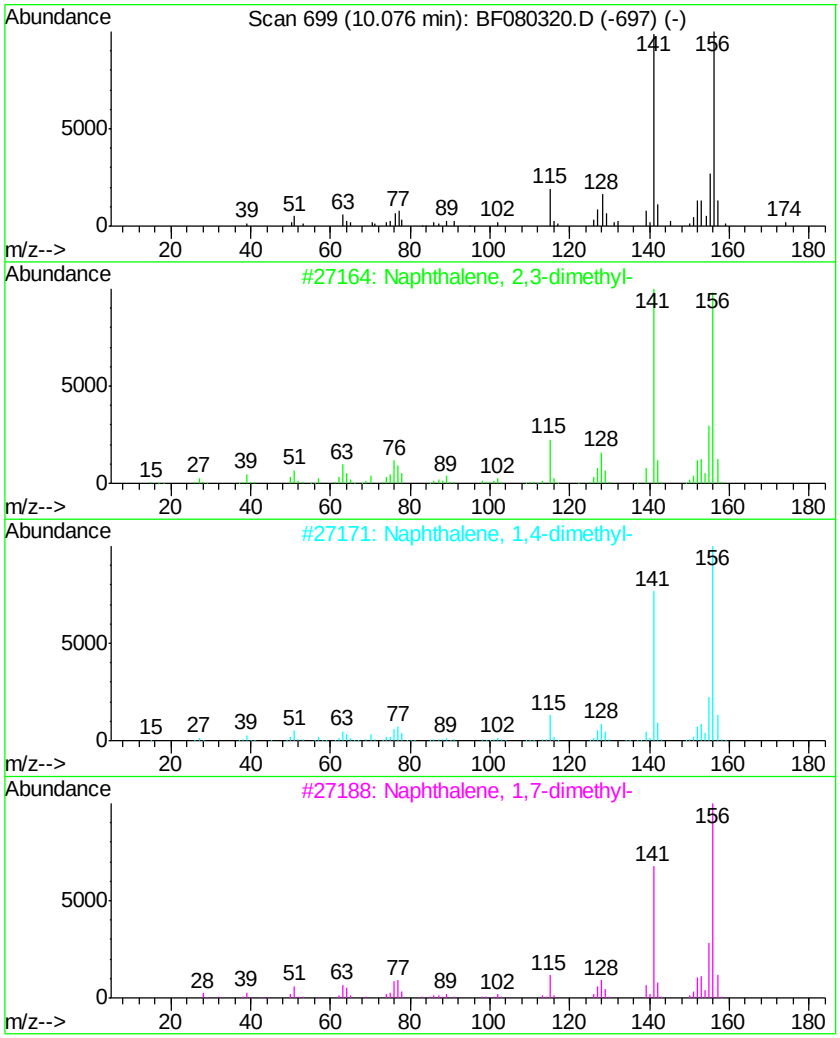
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

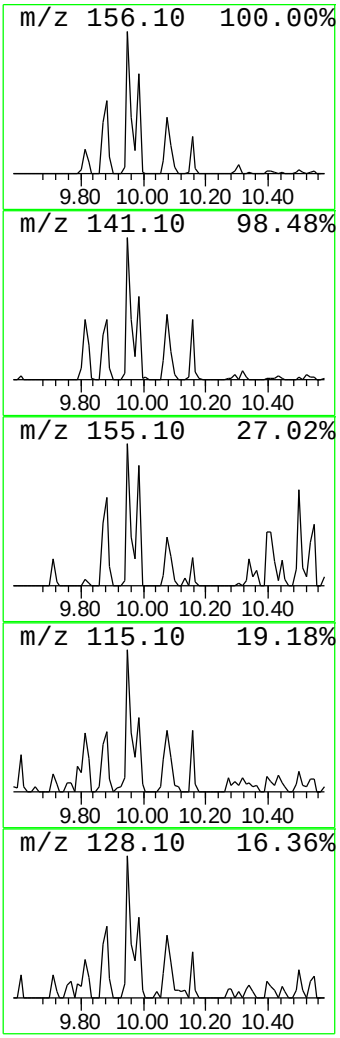
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	8.31 ng	121057	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	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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Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

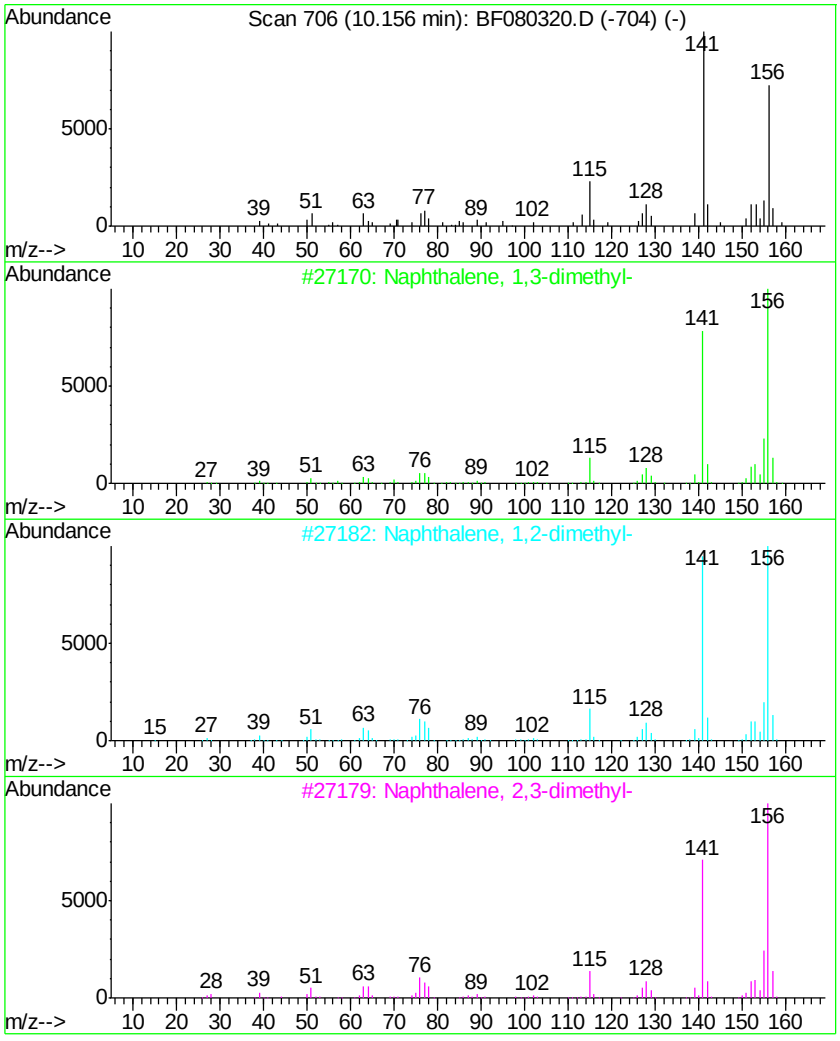
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

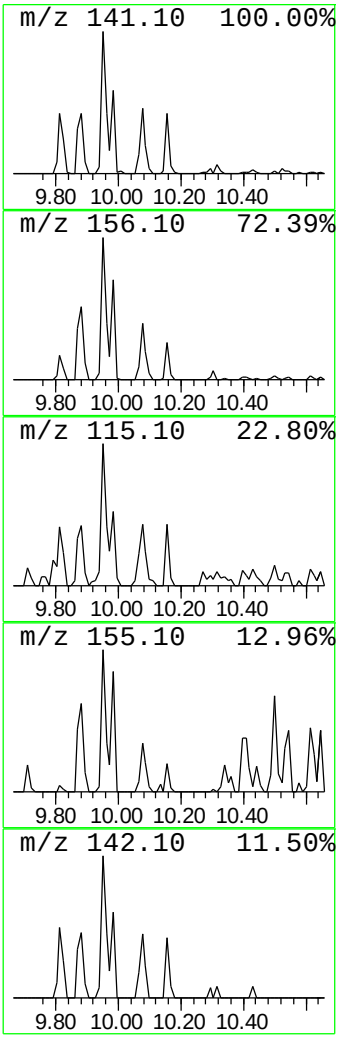
****

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	4.14 ng	60290	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





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Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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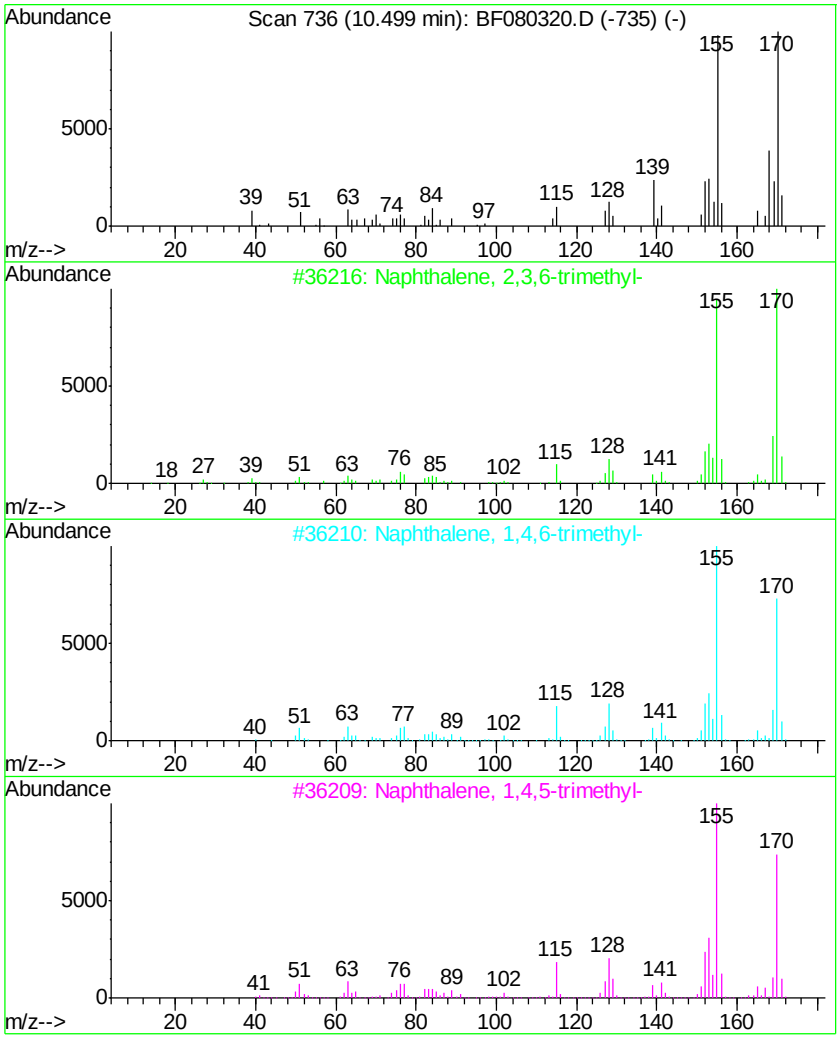
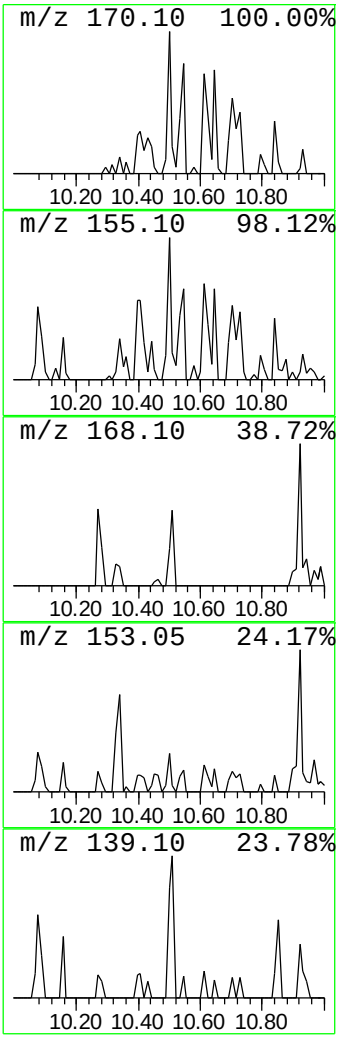
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.02 ng	43927	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76





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Acq On : 3 Jul 2015 1:19
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Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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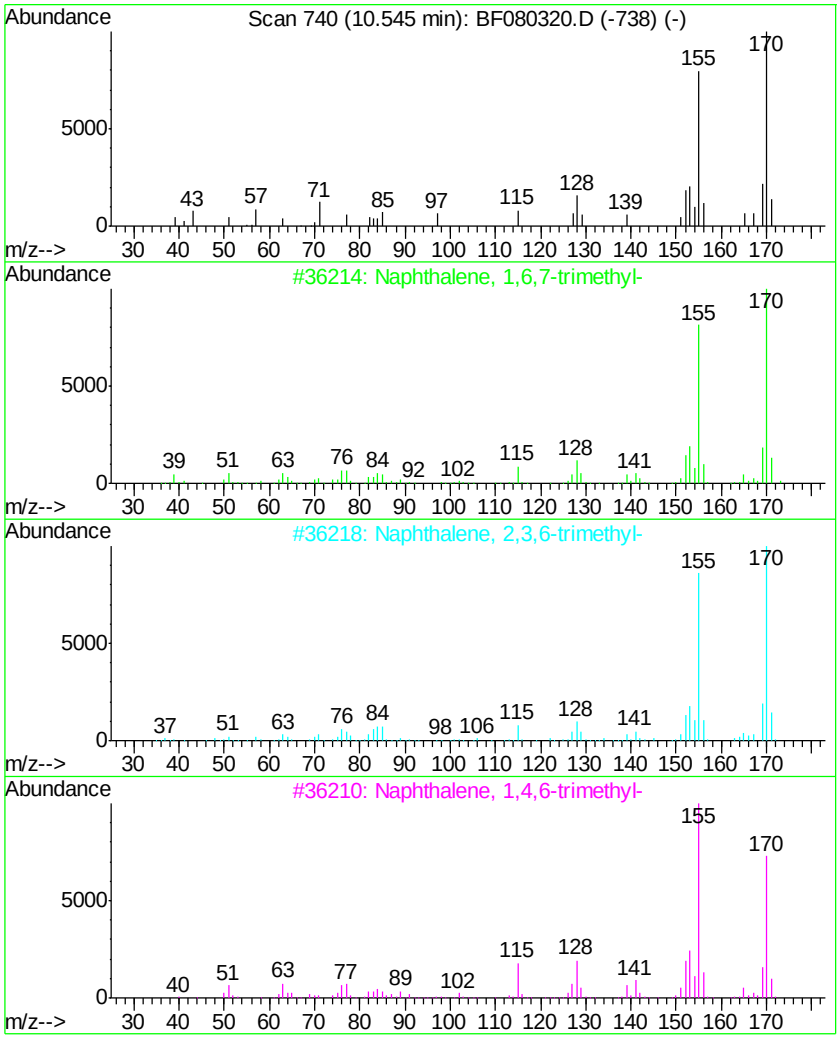
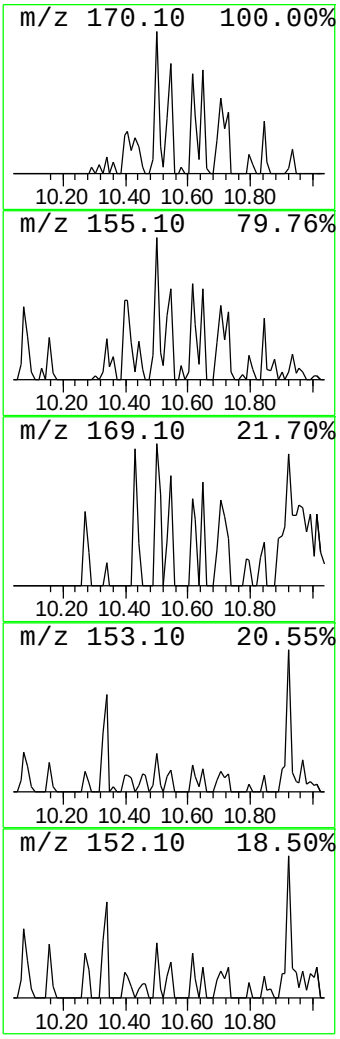
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.74 ng	39922	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





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Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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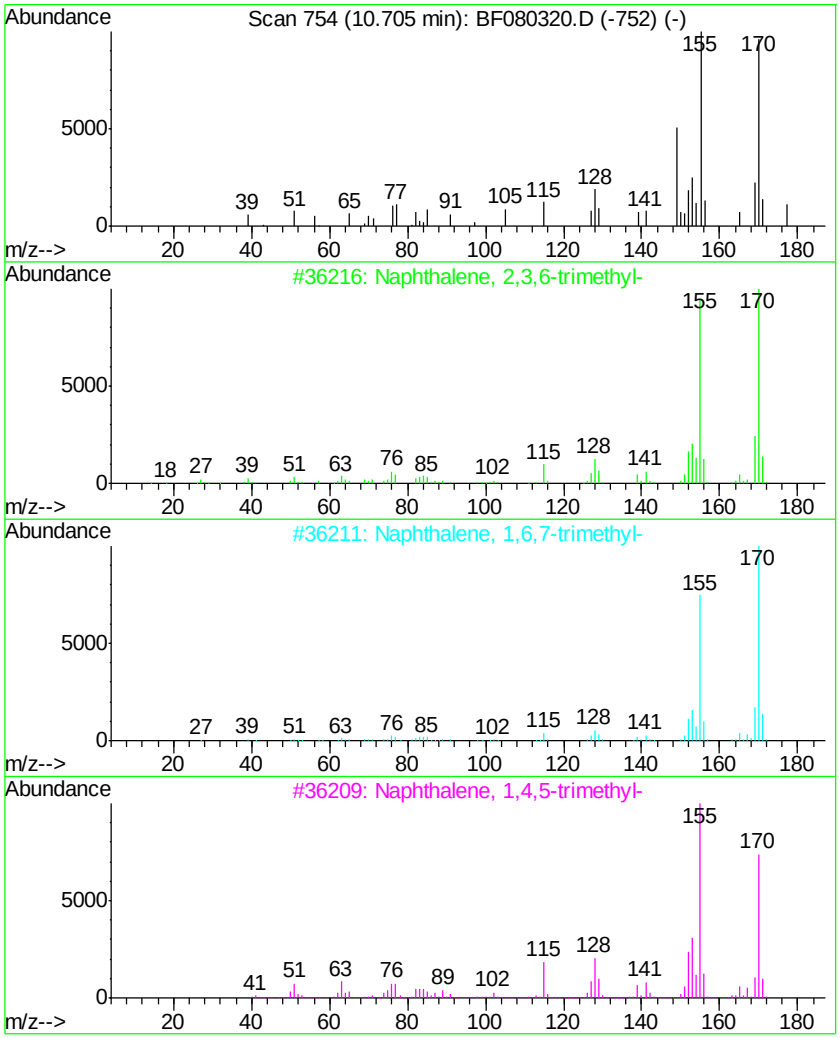
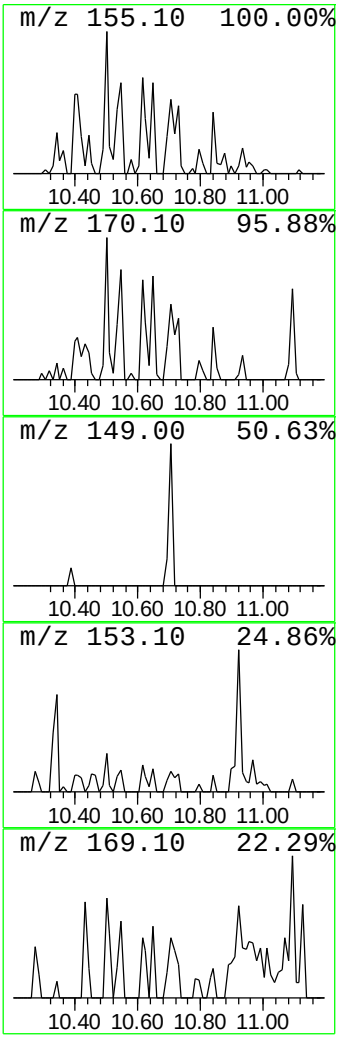
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	4.17 ng	60726	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





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Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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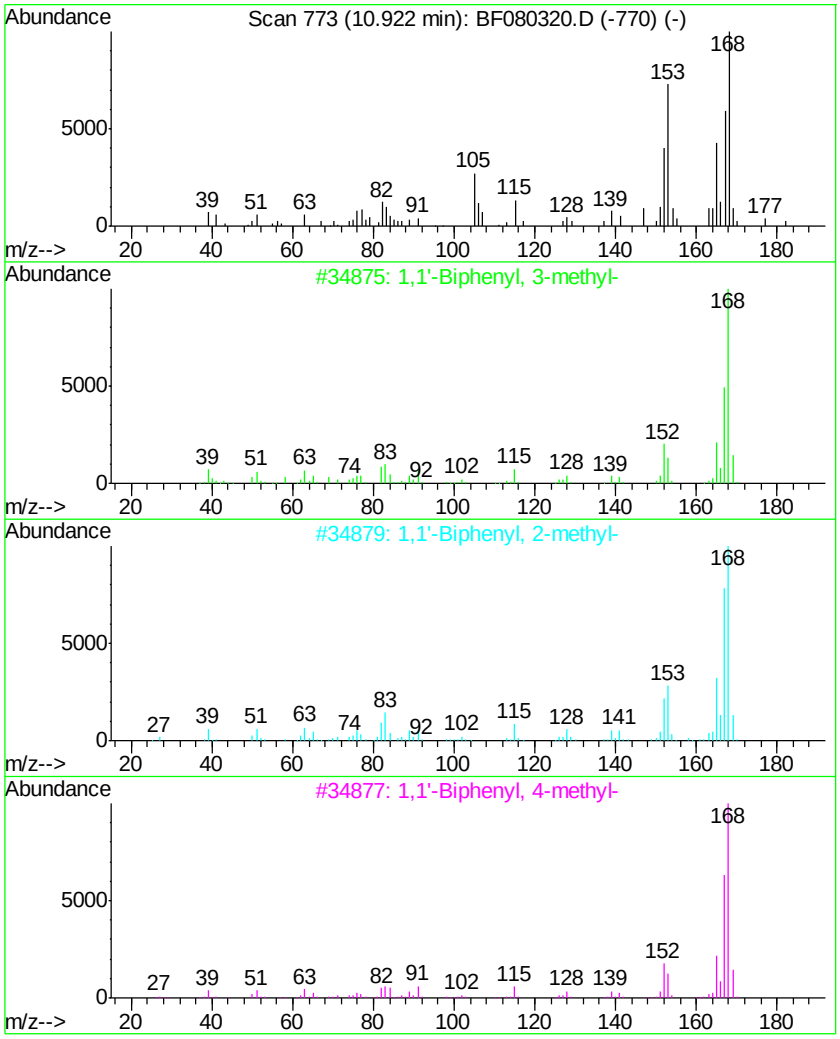
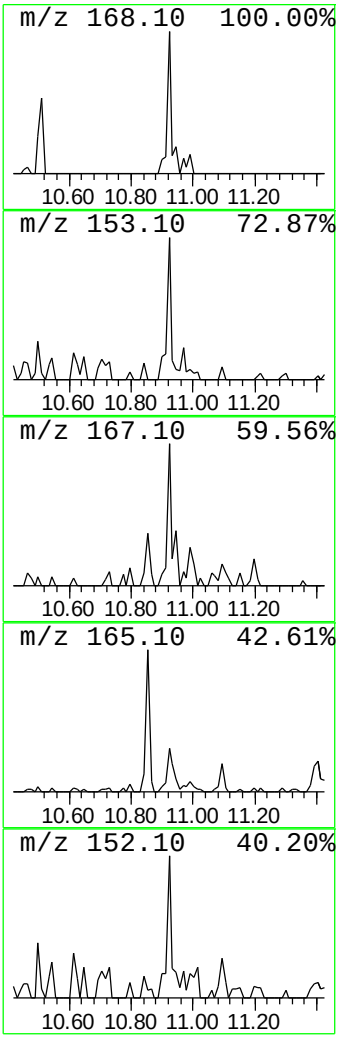
Peak Number 16 1,1'-Biphenyl, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	9.05 ng	131872	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47





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Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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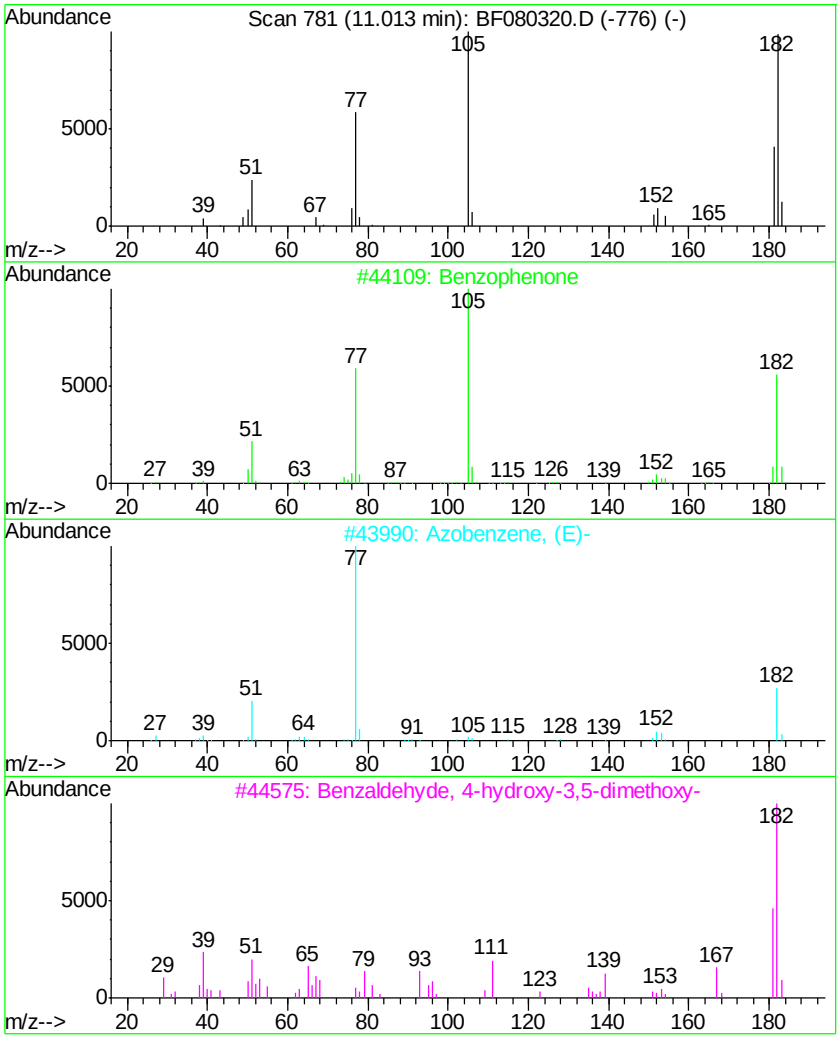
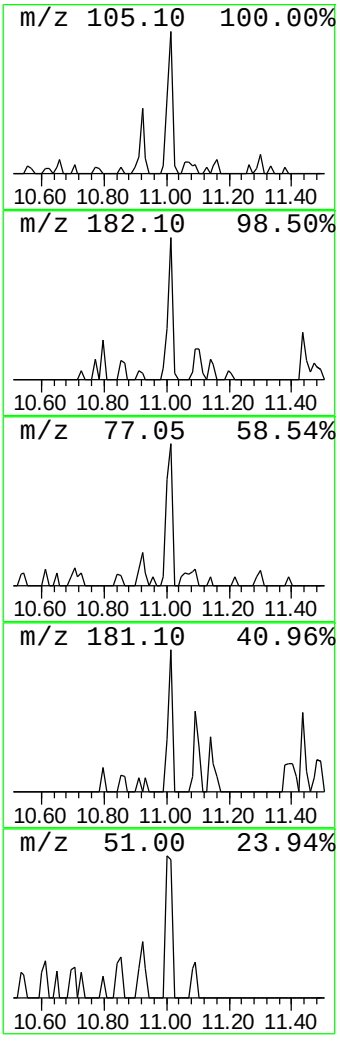
Peak Number 17 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.34 ng	63165	Acenaphthene-d10	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	49
4	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	37
5	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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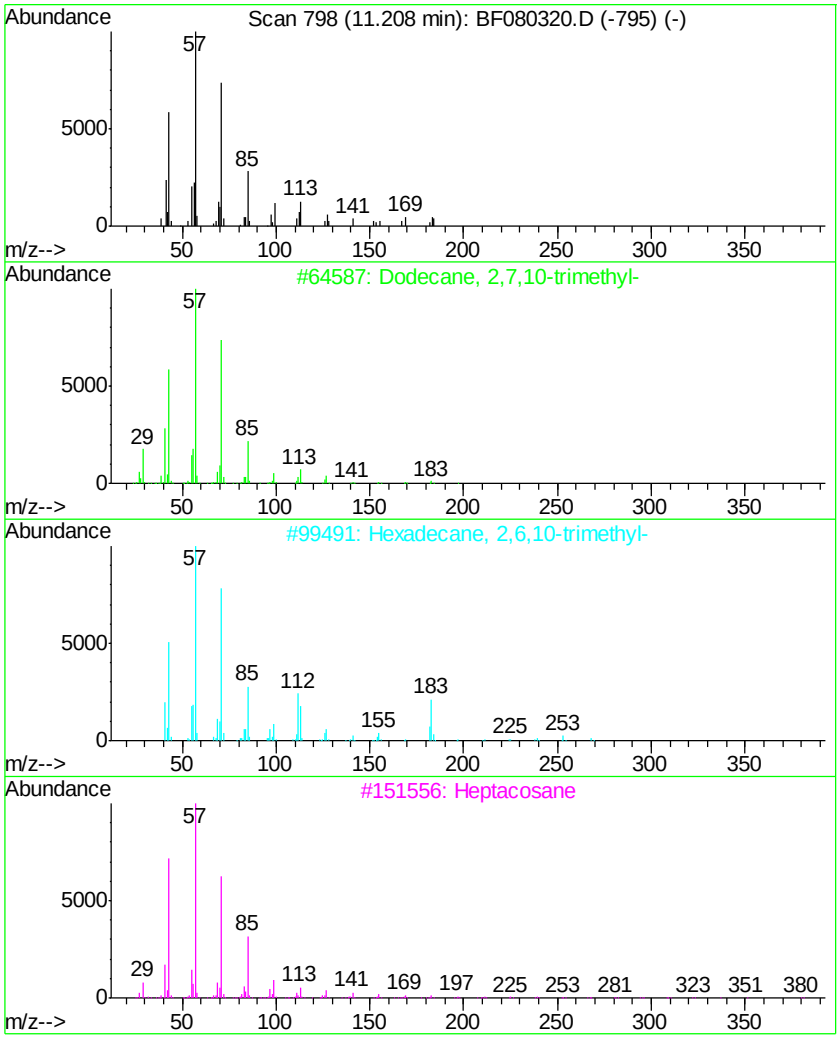
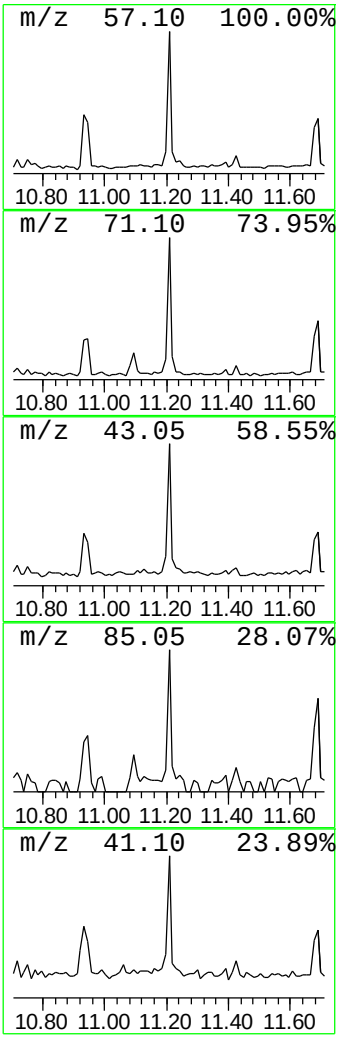
Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	5.48 ng	78817	Phenanthrene-d10	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
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Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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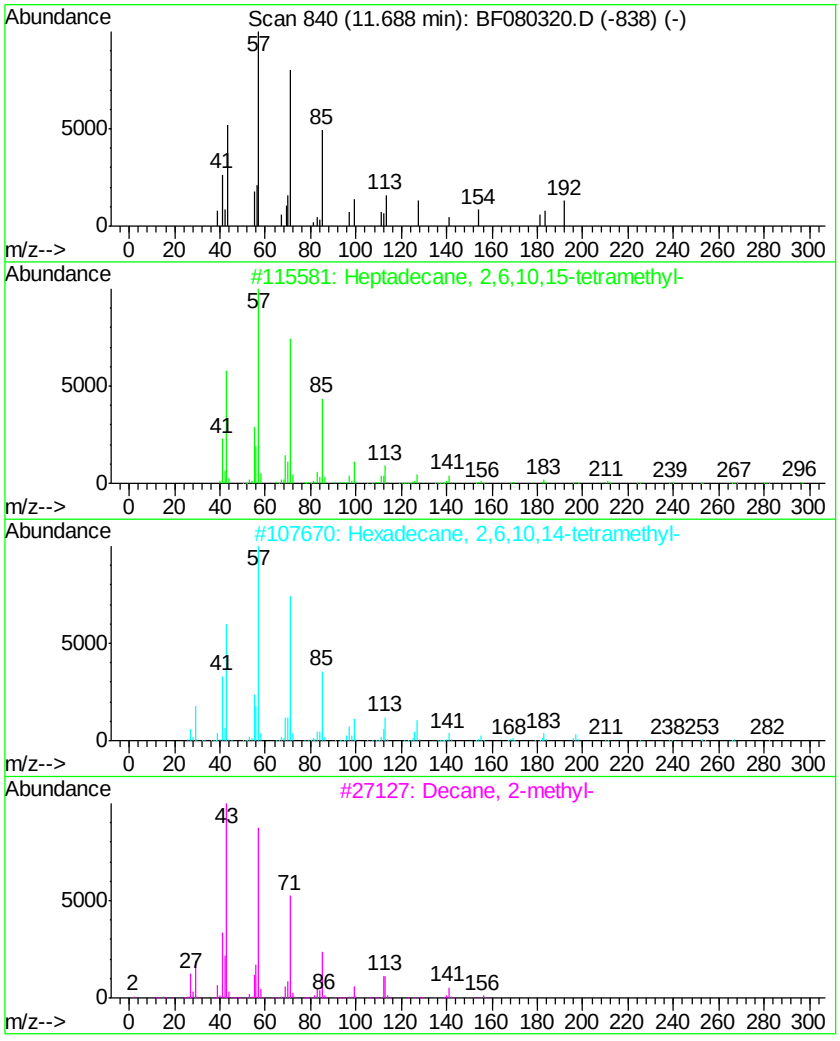
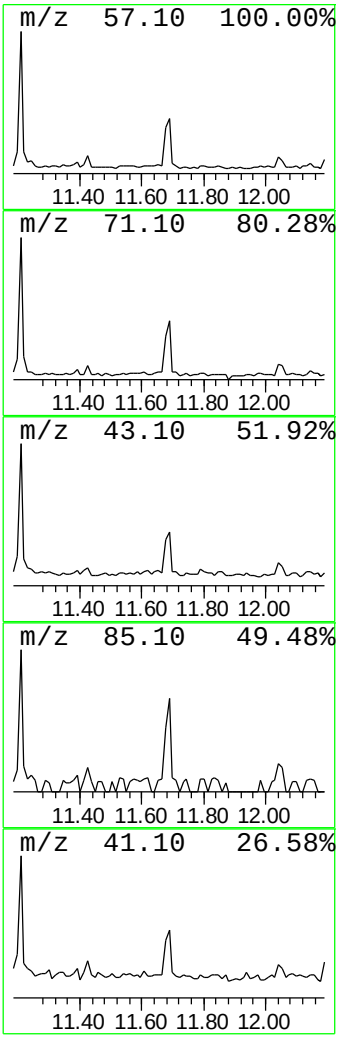
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.59 ng	51610	Phenanthrene-d10	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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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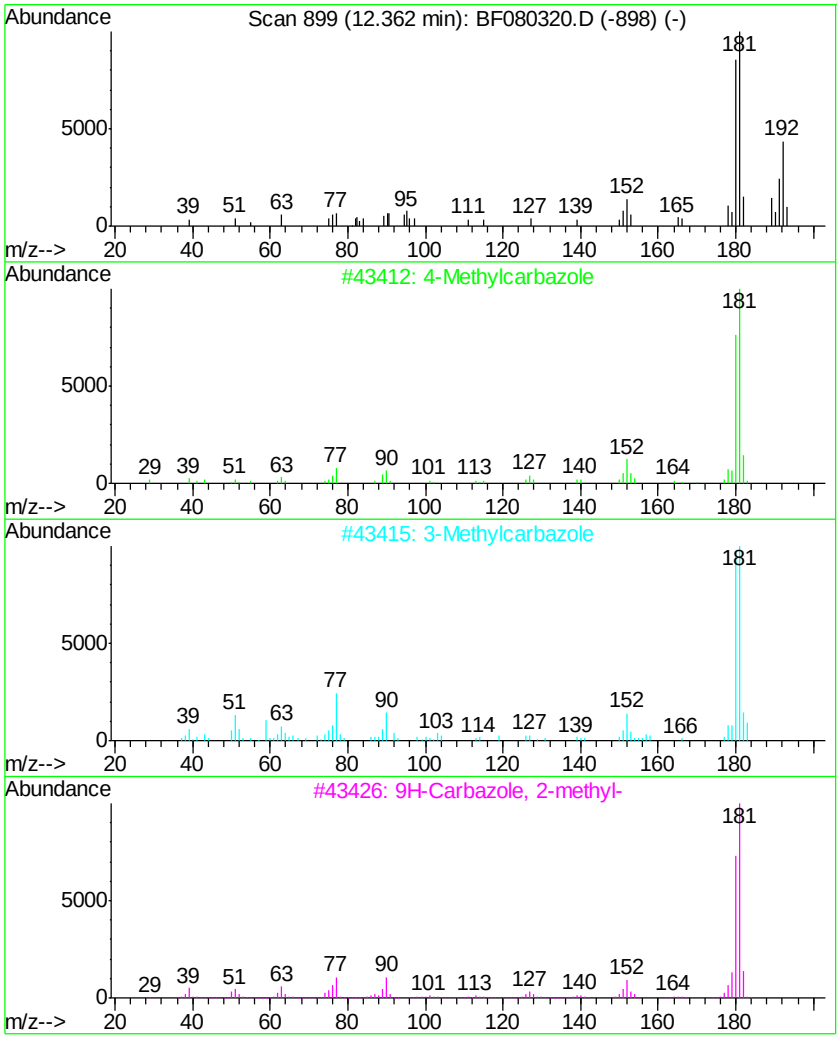
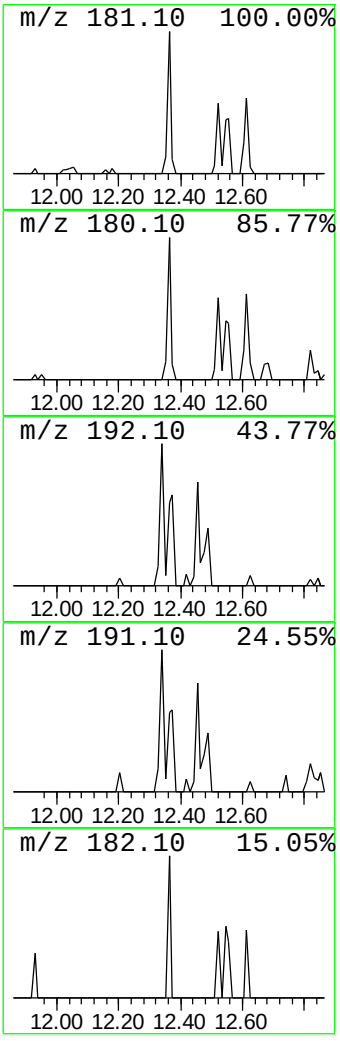
Peak Number 20 4-Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.20 ng	46023	Phenanthrene-d10	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	86
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
4	Methylcarbazole	181	C13H11N	027323-29-1	86
5	1-Methylcarbazole	181	C13H11N	006510-65-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080320.D
Acq On : 3 Jul 2015 1:19
Operator : TP/IZ
Sample : G2870-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2(7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.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
Butane, 2-methoxy...	2.44	75.8	ng	684427	1	7.24	180686	20.0
2-Pentanone, 4-hy...	5.45	7.1	ng	64085	1	7.24	180686	20.0
unknown7.00	7.00	50.2	ng	453203	1	7.24	180686	20.0
2,4-Dimethylstyrene	8.27	5.0	ng	101778	2	8.53	408682	20.0
Naphthalene, 1-me...	9.34	16.4	ng	335038	2	8.53	408682	20.0
Naphthalene, 2-et...	9.81	5.9	ng	86523	3	10.30	291326	20.0
Naphthalene, 2,6-...	9.88	9.9	ng	144286	3	10.30	291326	20.0
Naphthalene, 2,3-...	10.08	8.3	ng	121057	3	10.30	291326	20.0
Naphthalene, 1,3-...	10.16	4.1	ng	60290	3	10.30	291326	20.0
Naphthalene, 2,3,...	10.50	3.0	ng	43927	3	10.30	291326	20.0
Naphthalene, 1,6,...	10.54	2.7	ng	39922	3	10.30	291326	20.0
Naphthalene, 1,4,...	10.70	4.2	ng	60726	3	10.30	291326	20.0
1,1'-Biphenyl, 3-...	10.92	9.1	ng	131872	3	10.30	291326	20.0
Benzophenone	11.01	4.3	ng	63165	3	10.30	291326	20.0
Dodecane, 2,7,10-...	11.21	5.5	ng	78817	4	11.81	287696	20.0
Heptadecane, 2,6,...	11.69	3.6	ng	51610	4	11.81	287696	20.0
4-Methylcarbazole	12.36	3.2	ng	46023	4	11.81	287696	20.0