LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

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-BF111915.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	3.527	118	126	129	rBV	5940486	12789173	100.00%	18.349%
2	4.853	238	242	249	rBV	1508975	2177745	17.03%	3.124%
3	5.298	279	281	284	rBV	3191382	4445234	34.76%	6.378%
4	6.361	370	374	376	rBV2	3512175	5425440	42.42%	7.784%
5	6.476	381	384	386	rBV	4568372	4759910	37.22%	6.829%
6	6.704	402	404	406	rBV	837763	914325	7.15%	1.312%
7	6.853	415	417	420	rBV	2831348	4089412	31.98%	5.867%
8	7.264	450	453	456	rBV	2415218	2413037	18.87%	3.462%
9	7.984	514	516	522	rVB2	968379	1725051	13.49%	2.475%
10	8.384	547	551	553	rBV	294041	307513	2.40%	0.441%
11	8.464	553	558	559	rVV	219891	202955	1.59%	0.291%
12	8.556	565	566	570	rVB2	378899	450134	3.52%	0.646%
13	8.704	576	579	581	rBV	2666389	2292850	17.93%	3.290%
14	8.807	585	588	590	rVB	989184	1220609	9.54%	1.751%
15	9.070	608	611	614	rVB	4858668	4798616	37.52%	6.885%
16	9.162	616	619	622	rBV3	141713	251556	1.97%	0.361%
17	9.265	625	628	630	rVV	261970	319826	2.50%	0.459%
18	9.333	630	634	636	rVB2	460413	677557	5.30%	0.972%
19	9.402	636	640	644	rBV	798376	1353336	10.58%	1.942%
20	9.470	644	646	647	rVV	862738	823763	6.44%	1.182%
21	9.516	647	650	653	rVV2	262284	423396	3.31%	0.607%
22	9.607	656	658	660	rVB2	157120	213451	1.67%	0.306%
23	9.745	667	670	671	rBV2	1263460	1479692	11.57%	2.123%
24	9.790	671	674	675	rVV3	138499	250356	1.96%	0.359%
25	9.847	677	679	681	rVV	180225	227541	1.78%	0.326%
26	9.950	684	688	689	rVV3	360751	542318	4.24%	0.778%
27	9.985	689	691	696	rVB2	282512	399968	3.13%	0.574%
28	10.065	696	698	699	rBV	216555	222230	1.74%	0.319%
29	10.087	699	700	702	rVB	235745	190372	1.49%	0.273%
30	10.167	702	707	711	rBV4	184807	499978	3.91%	0.717%
31	10.247	711	714	715	rVV2	233687	360506	2.82%	0.517%
32	10.282	715	717	718	rVV	166914	183630	1.44%	0.263%
33	10.305	718	719	721	rVV2	194386	244759	1.91%	0.351%
34	10.350	721	723	727	rVV4	298524	602203	4.71%	0.864%

LSC Area Percent Report

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Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

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-BF111915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.408	727	728	730	rVV2	122618	212987	1.67%	0.306%
36	10.442	730	731	735	rVV3	241450	382288	2.99%	0.548%
37	10.533	736	739	741	rVV2	1360765	1962946	15.35%	2.816%
38	10.568	741	742	745	rVV2	112044	158733	1.24%	0.228%
39	10.648	747	749	754	rVV3	255248	683986	5.35%	0.981%
40	10.728	754	756	757	rVV2	210783	312848	2.45%	0.449%
41	10.750	757	758	759	rVV	227334	262669	2.05%	0.377%
42	10.785	759	761	763	rVV2	284697	464400	3.63%	0.666%
43	10.865	765	768	770	rVV4	87418	221724	1.73%	0.318%
44	10.933	773	774	776	rVV	88320	134802	1.05%	0.193%
45	11.219	797	799	801	rBV	1216710	1056159	8.26%	1.515%
46	11.470	819	821	825	rVB	158729	206780	1.62%	0.297%
47	12.019	867	869	874	rVB2	221754	291440	2.28%	0.418%
48	12.808	935	938	941	rVV	3569817	3955850	30.93%	5.676%
49	13.734	1017	1019	1027	rBV2	84526	135734	1.06%	0.195%
50	13.848	1027	1029	1032	rBV	1039355	1141404	8.92%	1.638%
51	15.231	1148	1150	1153	rBV	609840	836169	6.54%	1.200%

Sum of corrected areas: 69699361

LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
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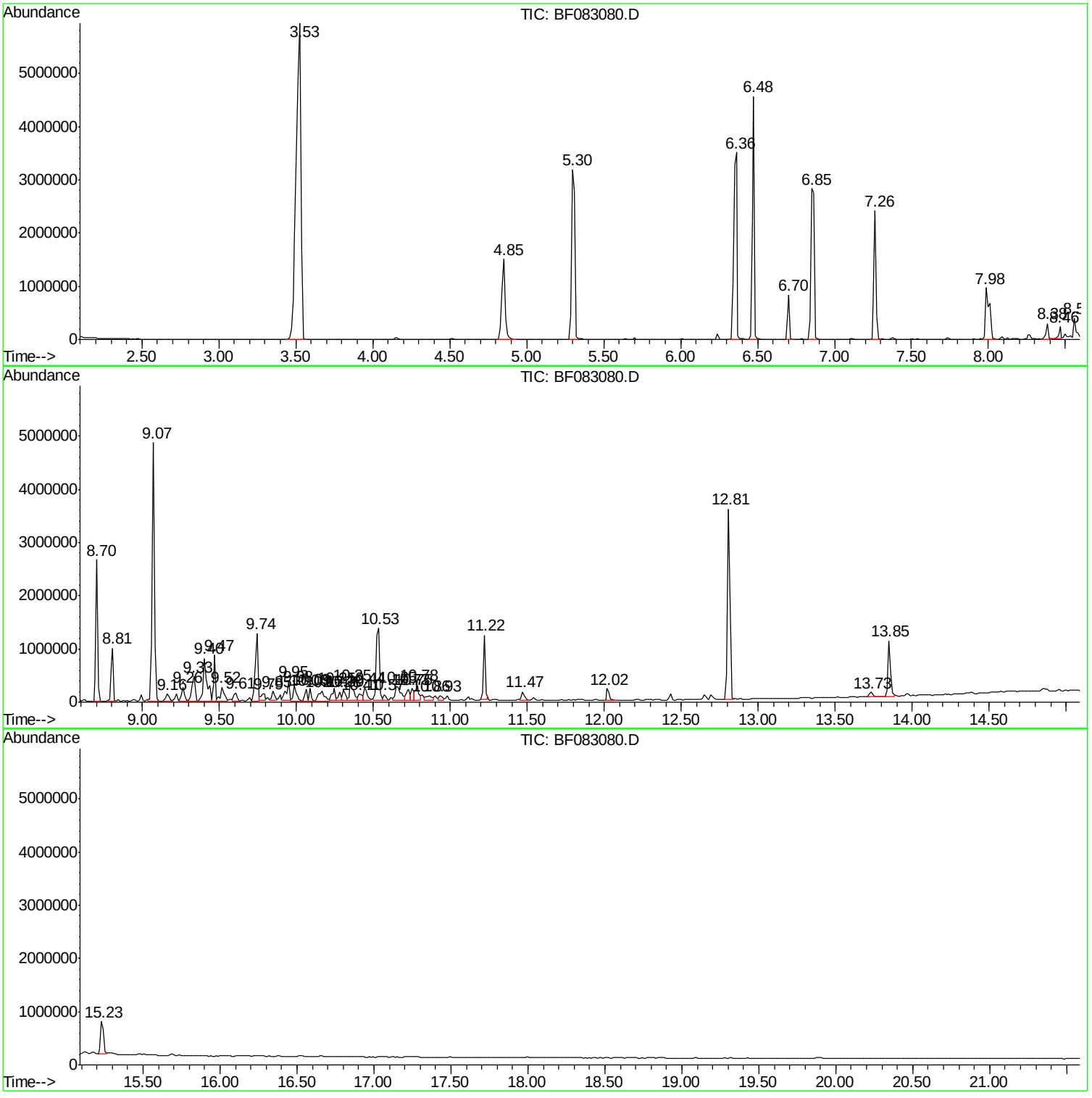
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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 : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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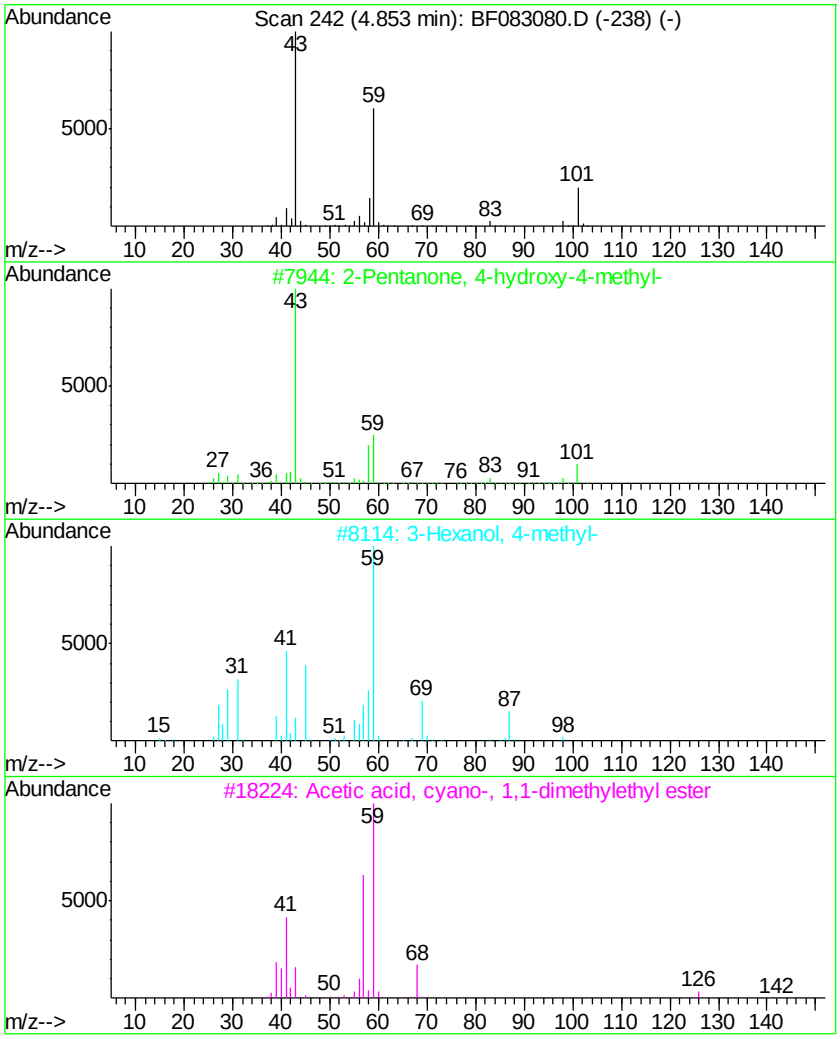
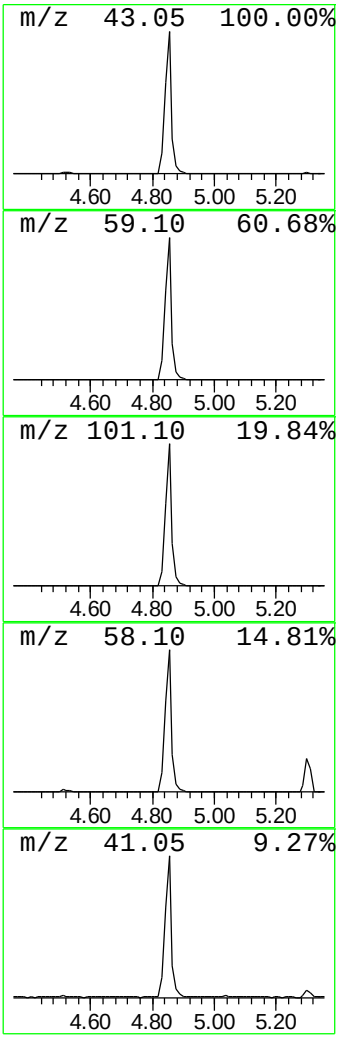
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	47.64 ng	2177750	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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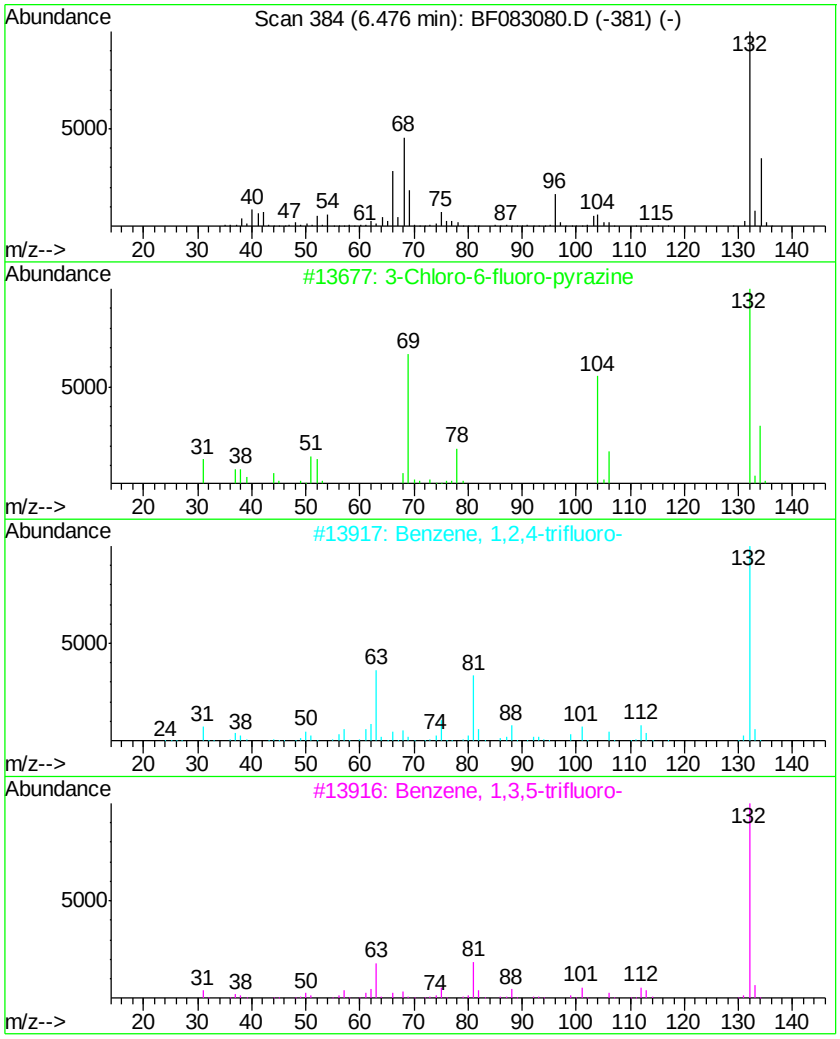
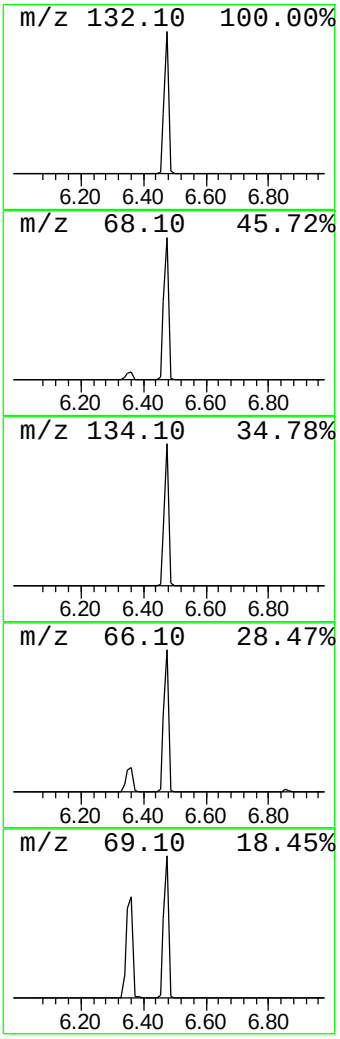
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	104.12 ng	4759910	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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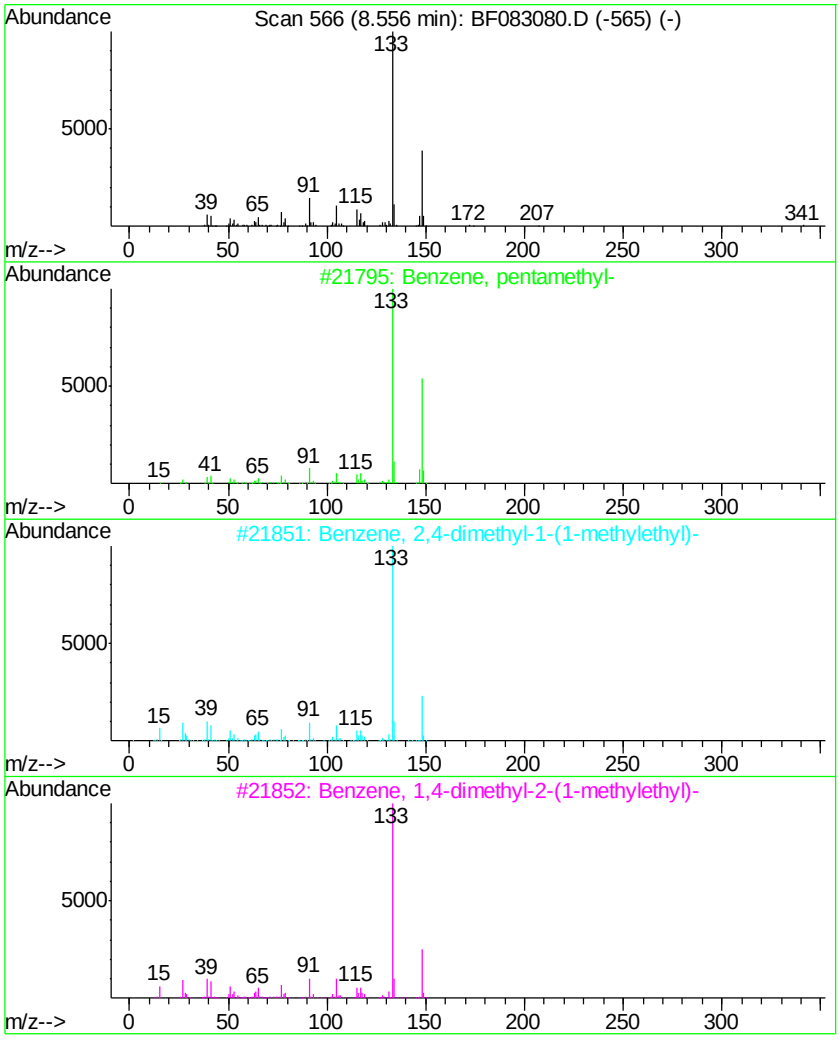
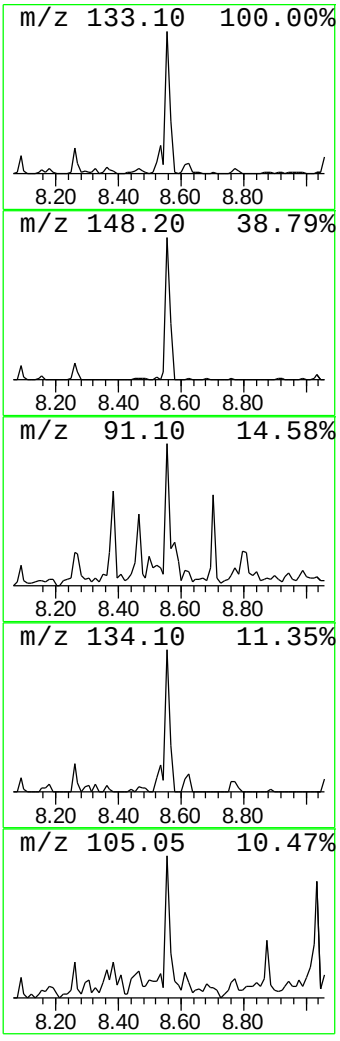
Peak Number 4 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	5.22 ng	450134	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	86
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	83
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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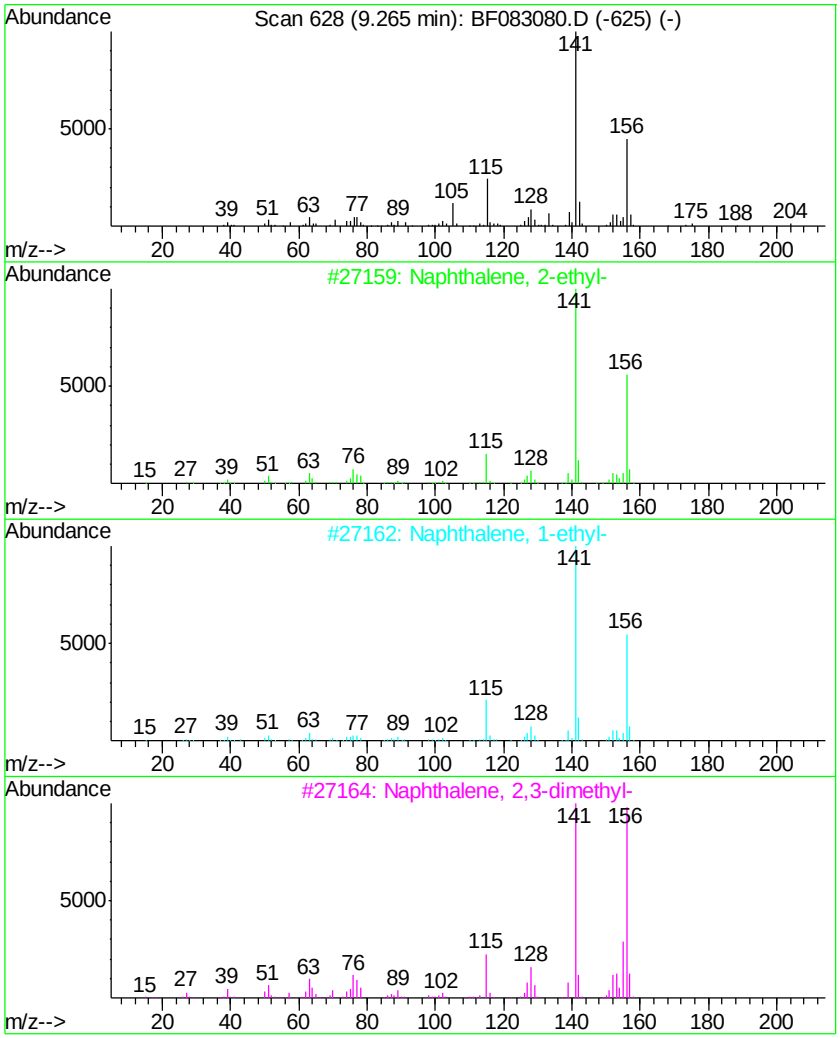
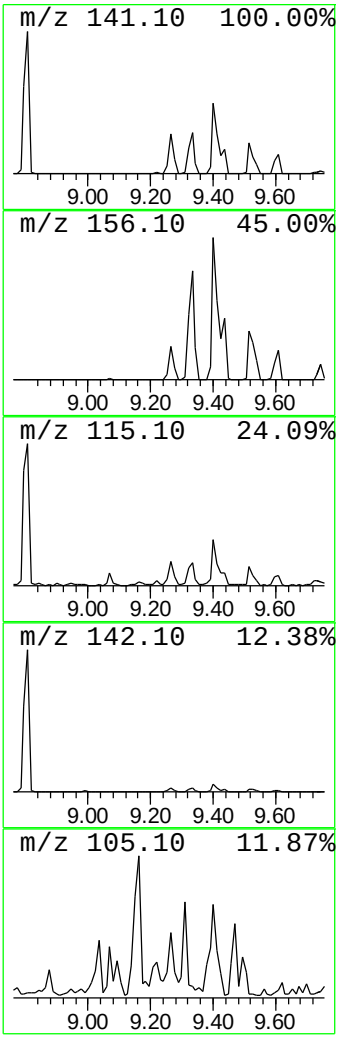
Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	4.32 ng	319826	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	Butethal	212	C10H16N2O3	000077-28-1	59





Library Search Compound Report

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Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

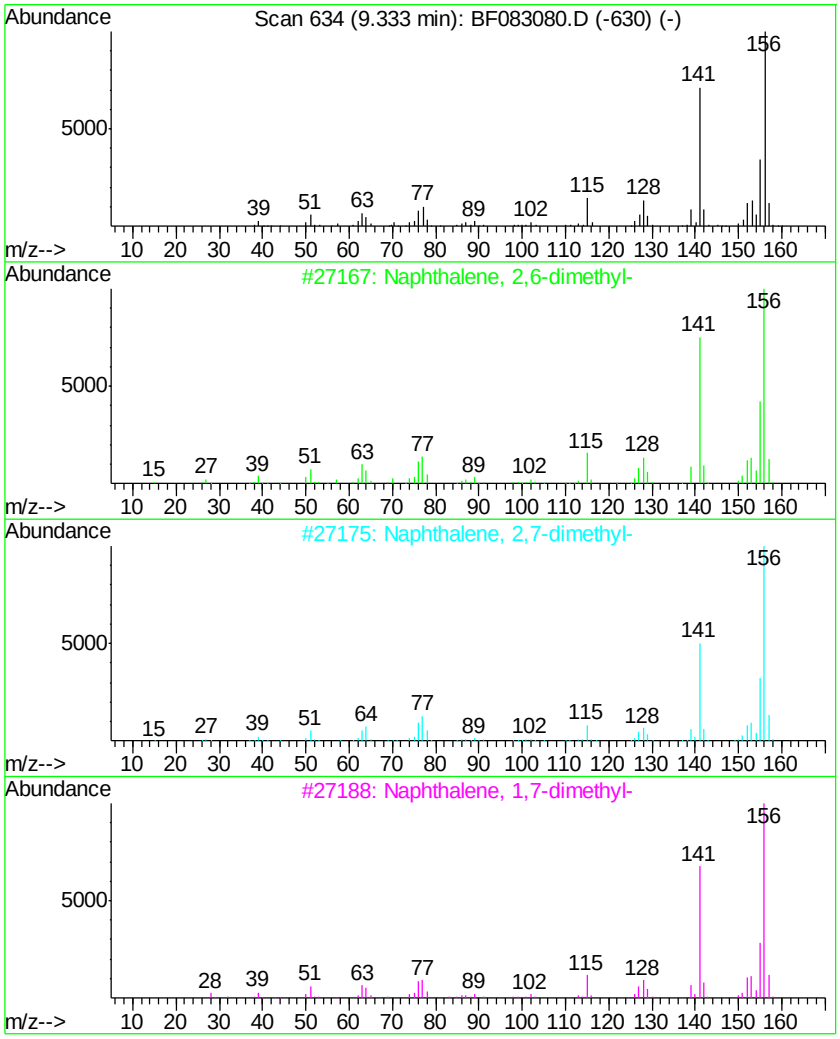
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

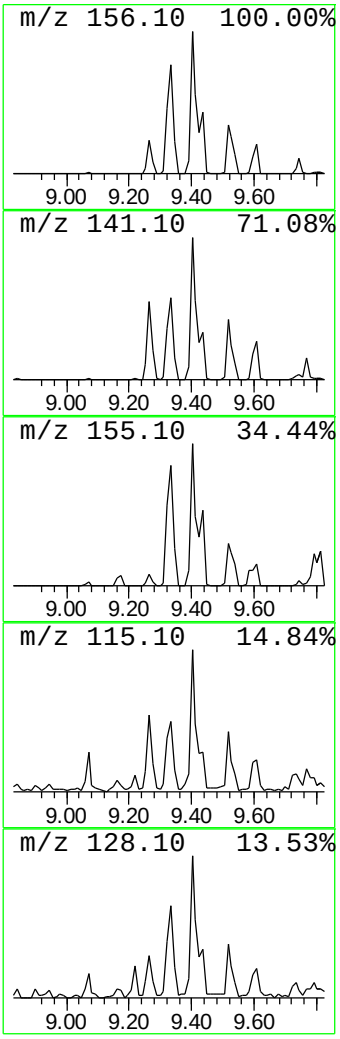
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	9.16 ng	677557	Acenaphthene-d10	9.74

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





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Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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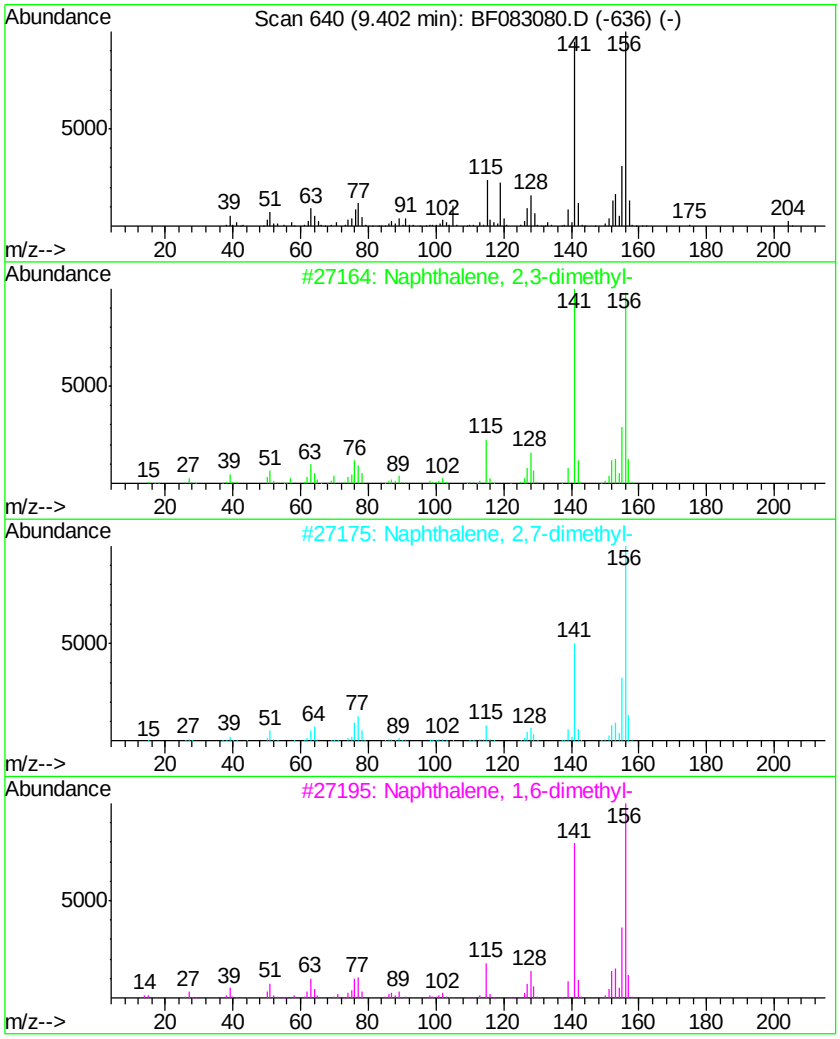
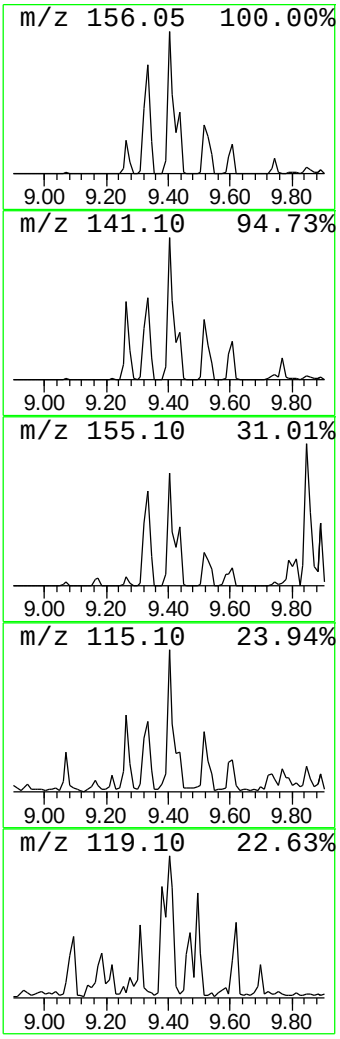
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	18.29 ng	1353340	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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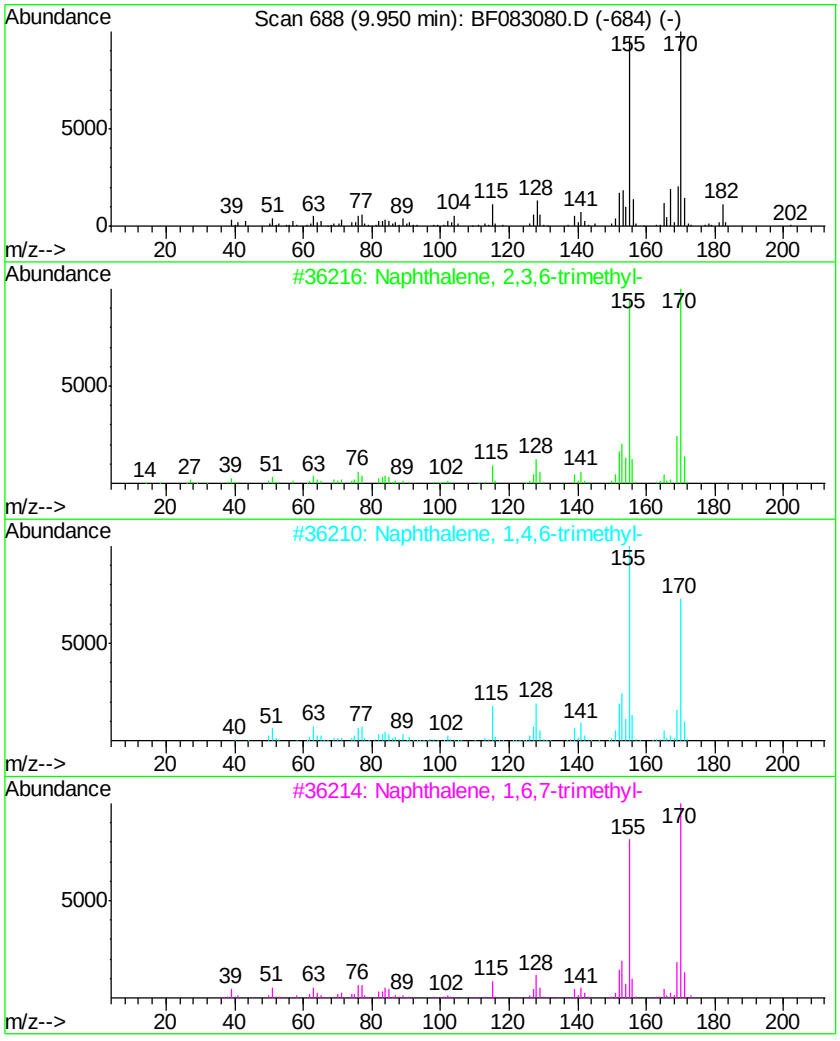
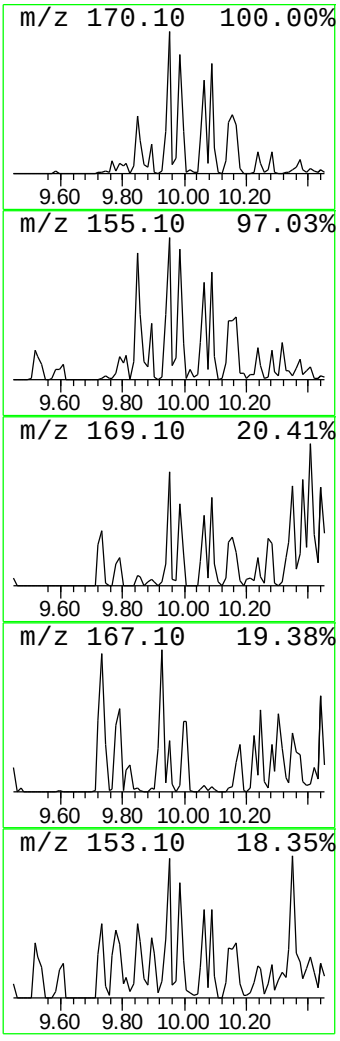
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	7.33 ng	542318	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	89





Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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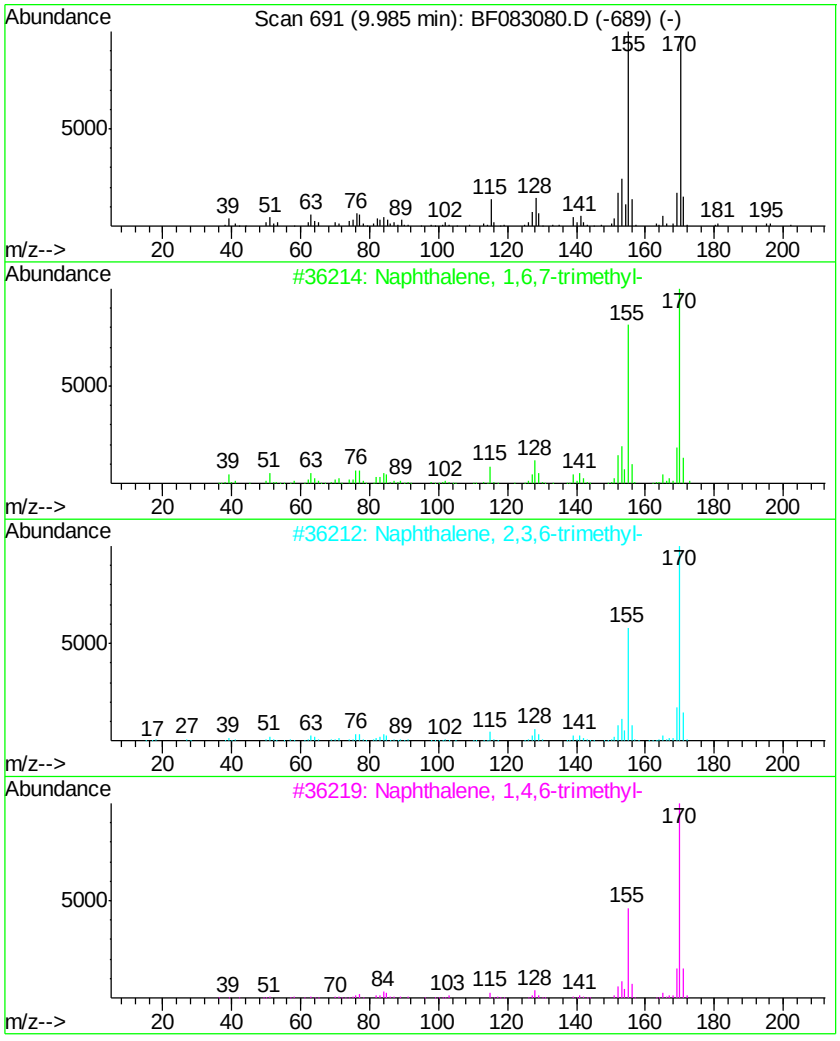
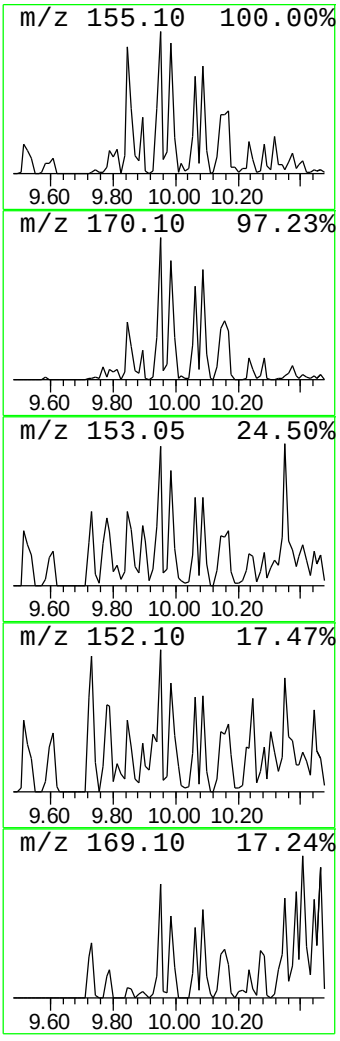
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	5.41 ng	399968	Acenaphthene-d10	9.74

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	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94





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Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

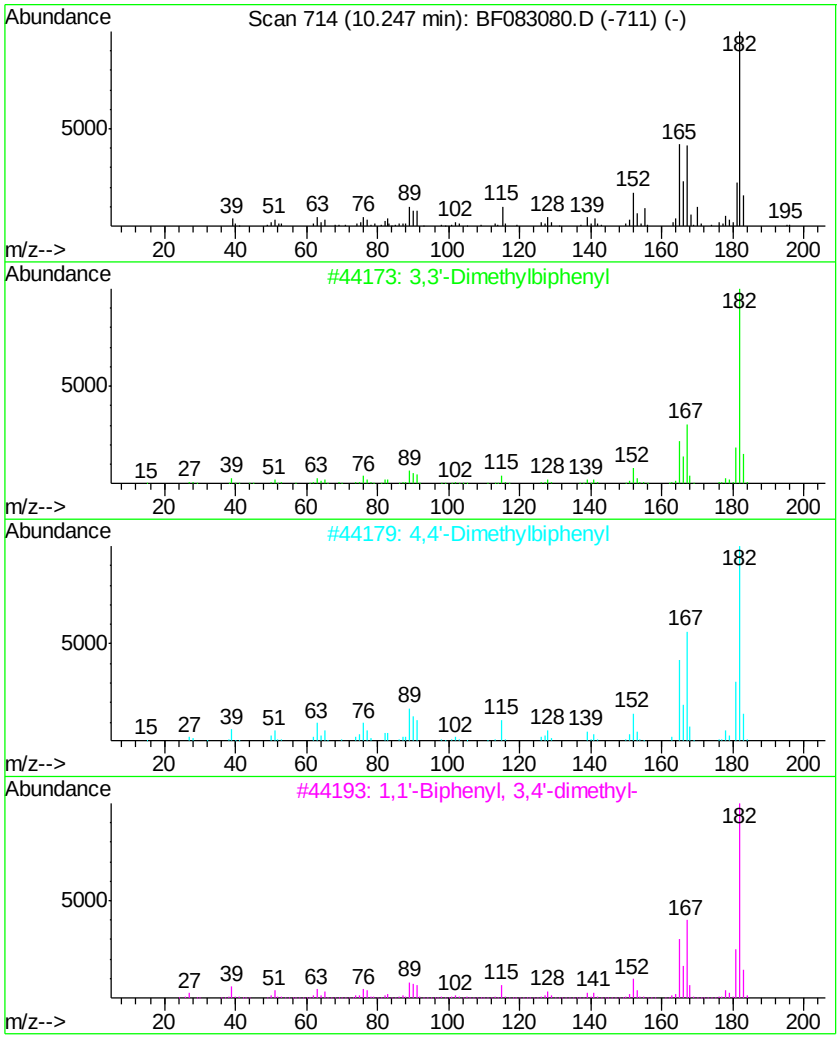
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

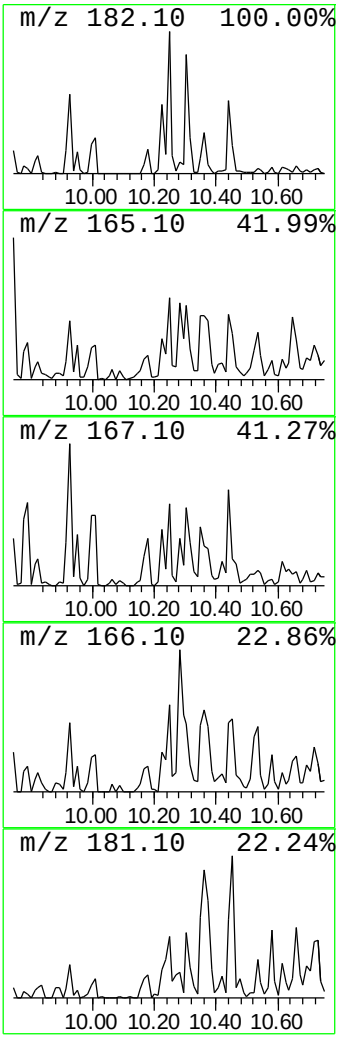
****

Peak Number 12 3,3'-Dimethylbiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.87 ng	360506	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	97
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	95
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	95
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	76
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	50





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Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

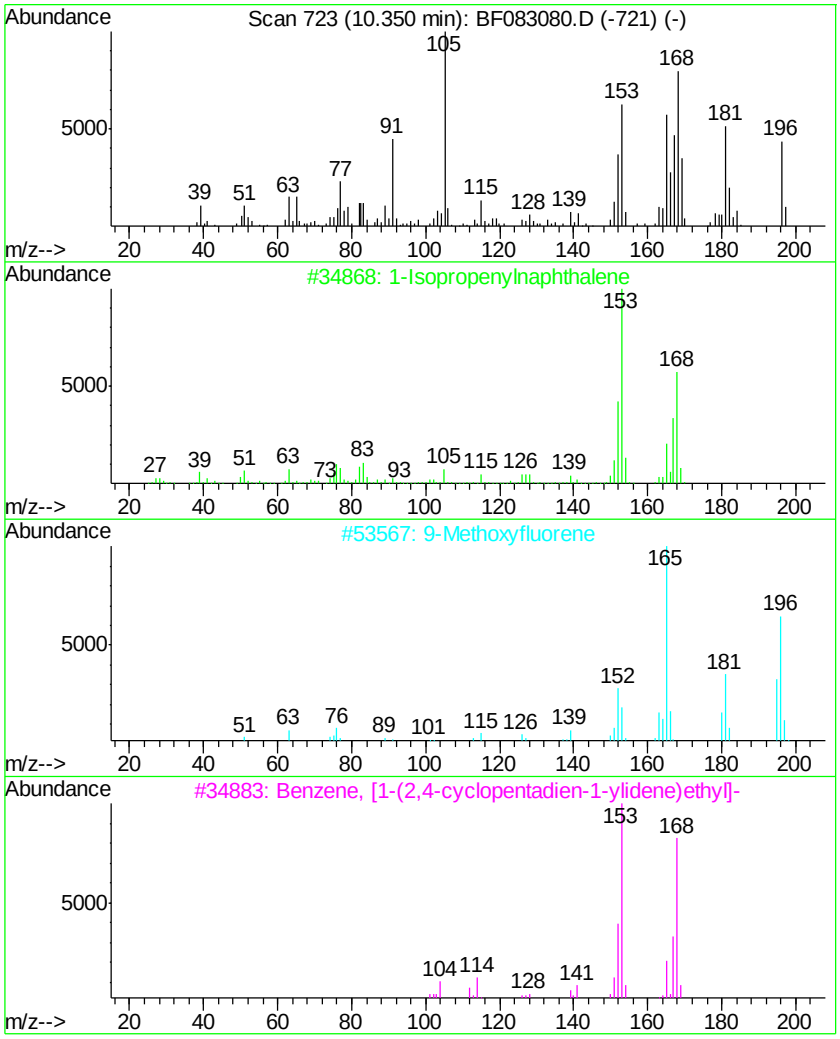
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

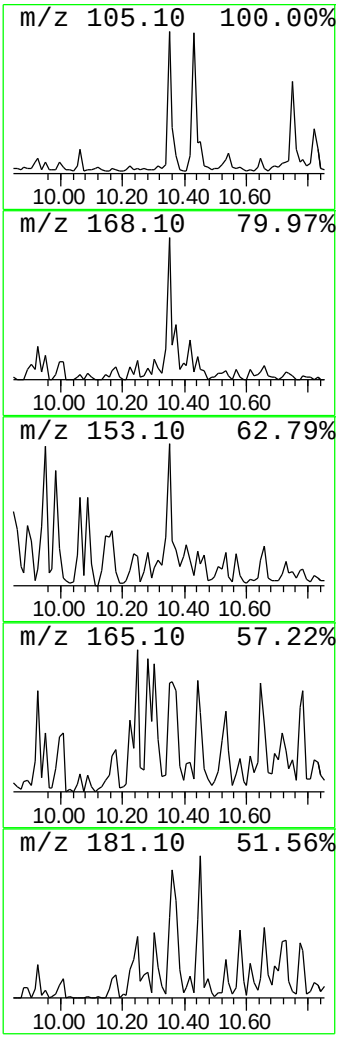
****

Peak Number 13 unknown10.35 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.14 ng	602203	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	43
2	9-Methoxyfluorene	196	C14H12O	019126-15-9	38
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	35
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	30
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	30





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Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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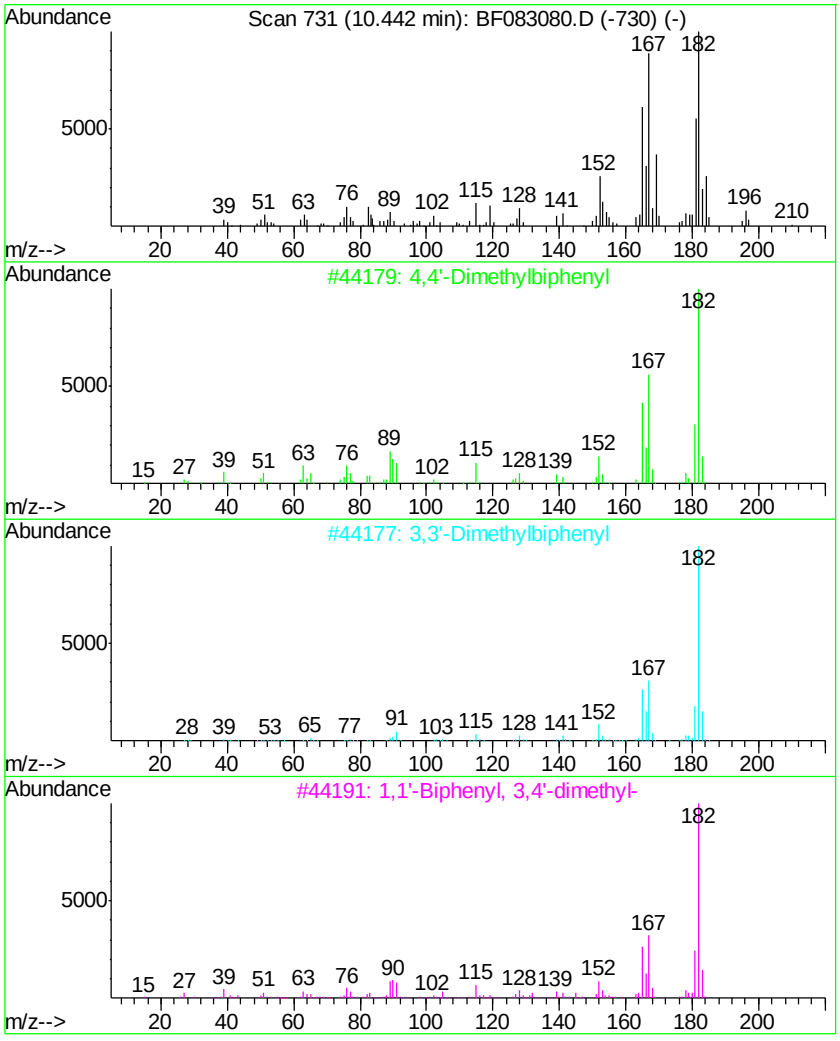
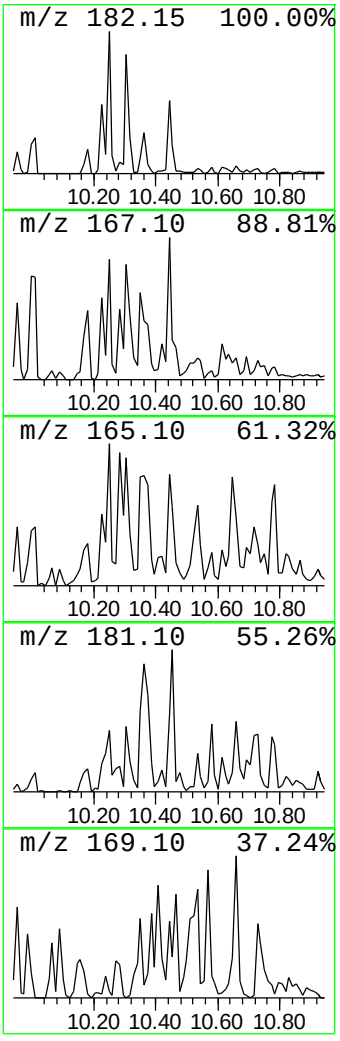
Peak Number 14 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.17 ng	382288	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	89
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	83
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	72
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70





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Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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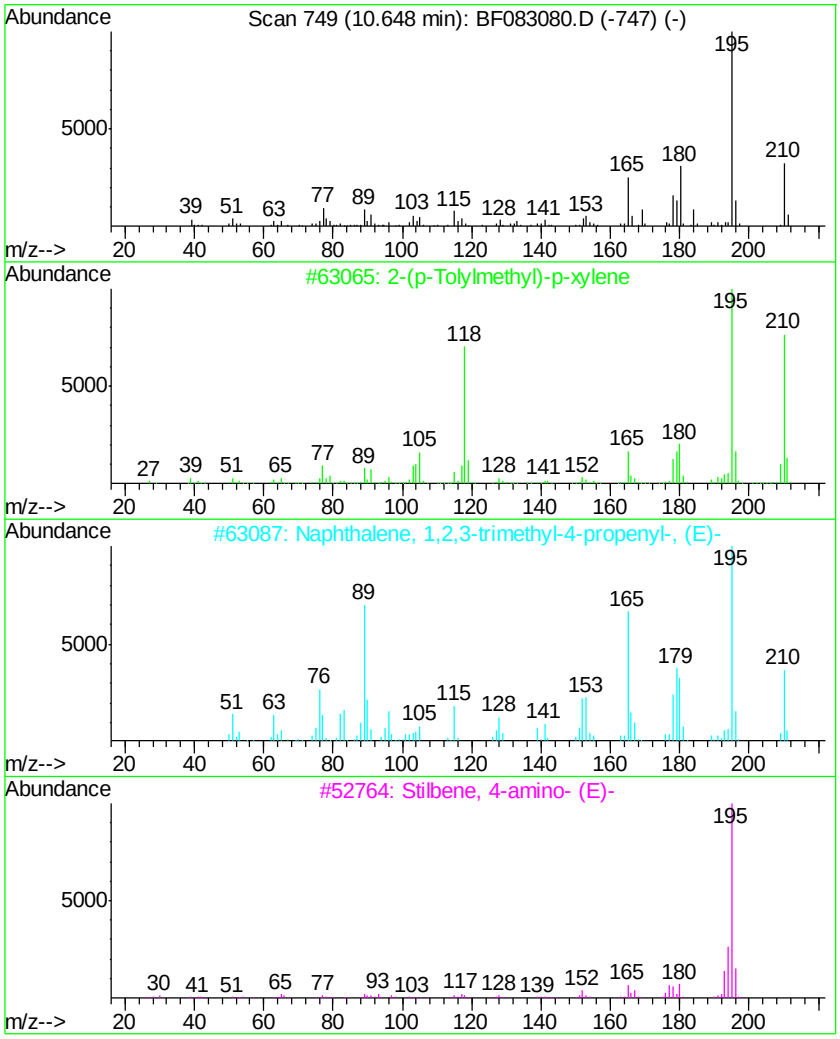
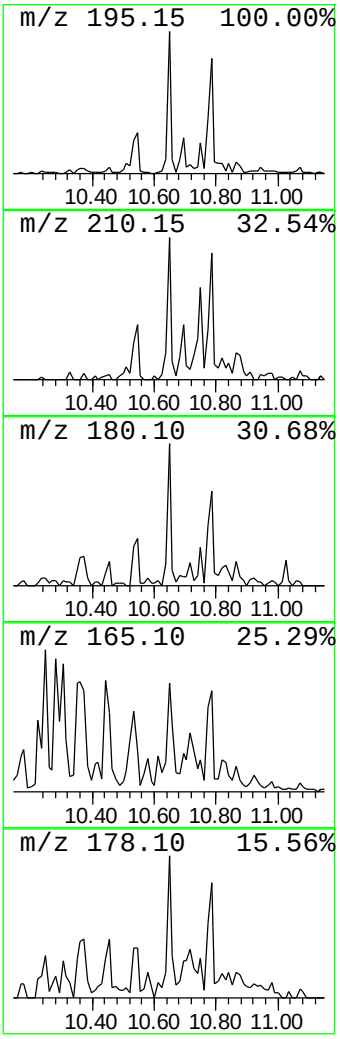
Peak Number 15 2-(p-Tolylmethyl)-p-xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	12.95 ng	683986	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	78
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	58
3	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	53
4	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	53
5	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	53





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Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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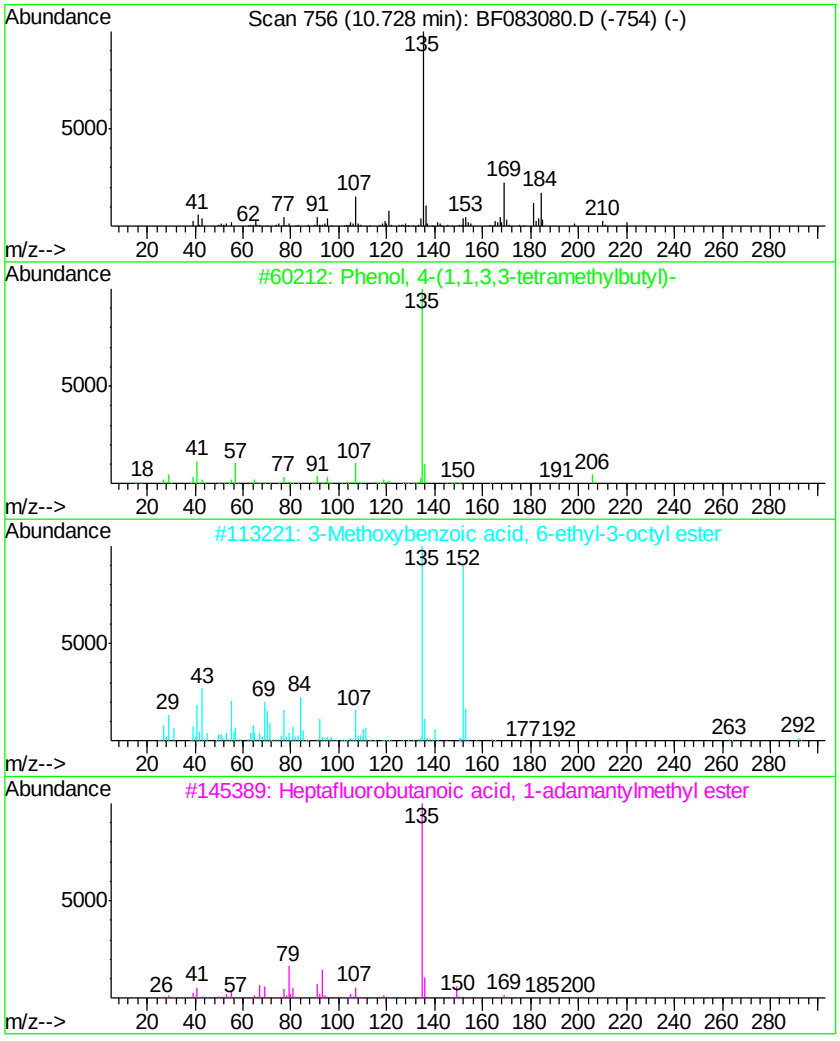
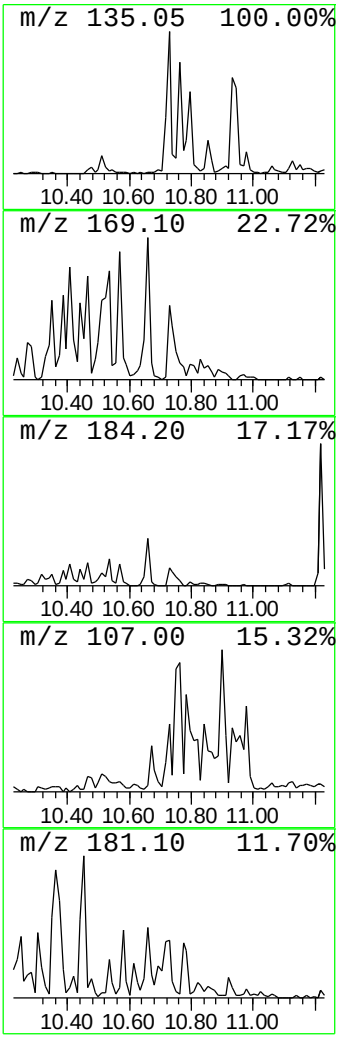
Peak Number 16 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	5.92 ng	312848	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50
2	3-Methoxybenzoic acid, 6-ethyl-3...	292	C18H28O3	1000293-31-6	50
3	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	47
4	2-Methoxybenzoic acid, cyclopent...	220	C13H16O3	1000293-30-7	47
5	2-Bromophenylacetic acid	214	C8H7BrO2	018698-97-0	45





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Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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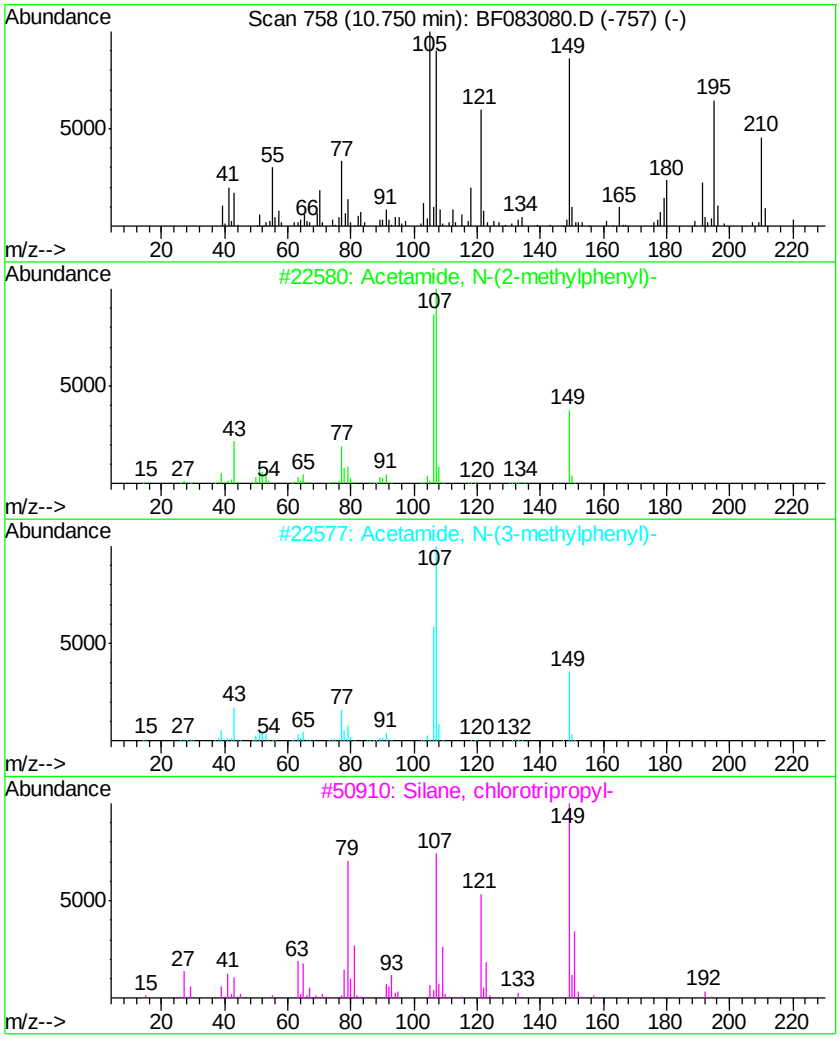
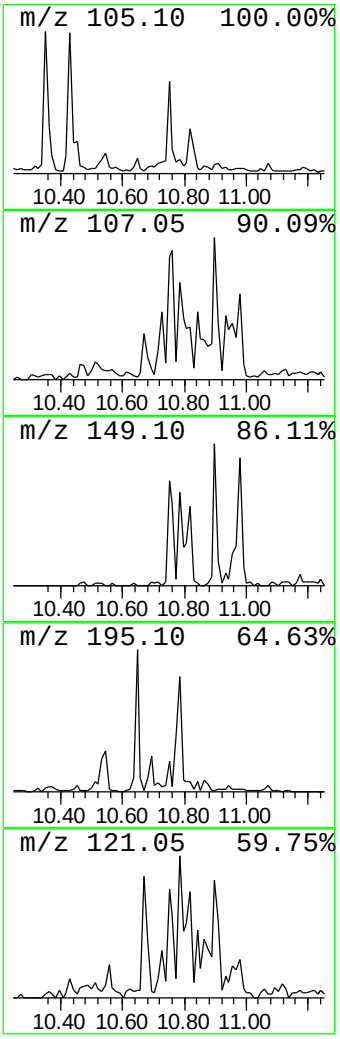
Peak Number 17 unknown10.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.97 ng	262669	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	45
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	43
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	22
5	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	18





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Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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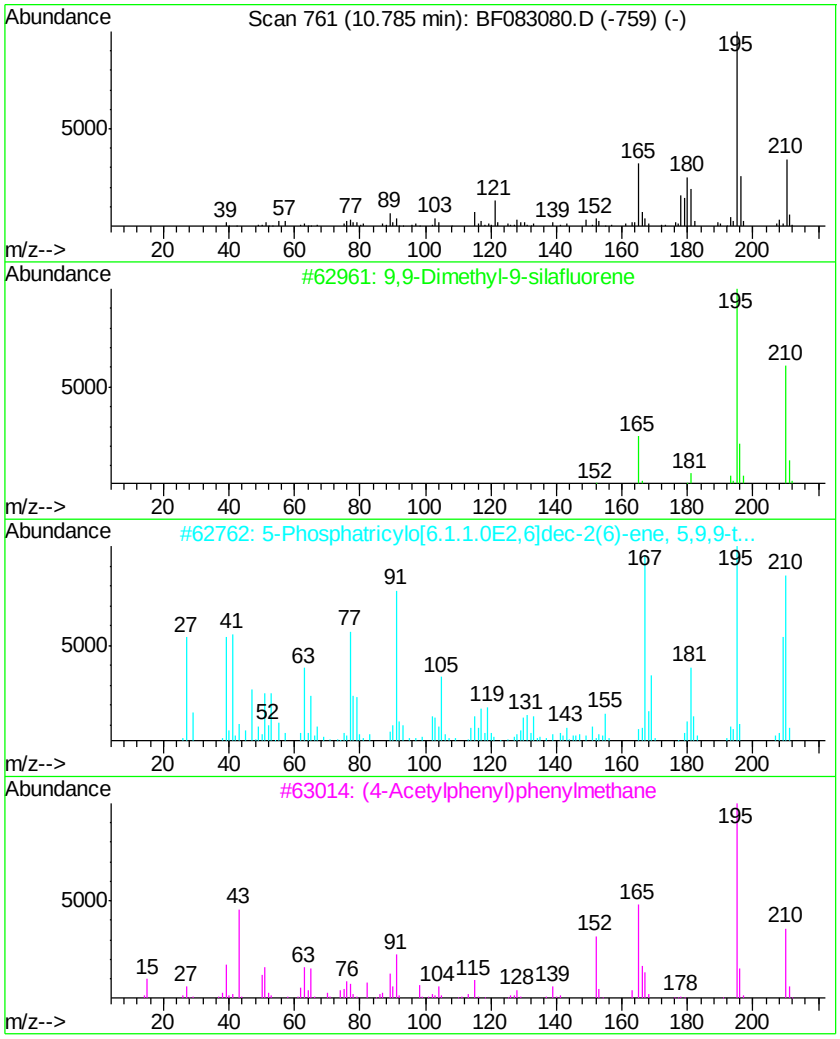
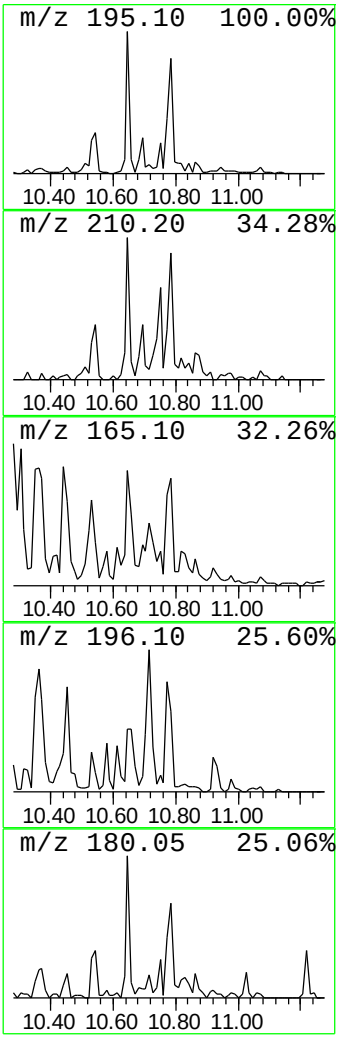
Peak Number 18 9,9-Dimethyl-9-silafluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	8.79 ng	464400	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	50
2	5-Phosphatricyclo[6.1.1.0E2,6]dec...	210	C12H19OP	1000151-47-7	49
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	47
4	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	40
5	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	38





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Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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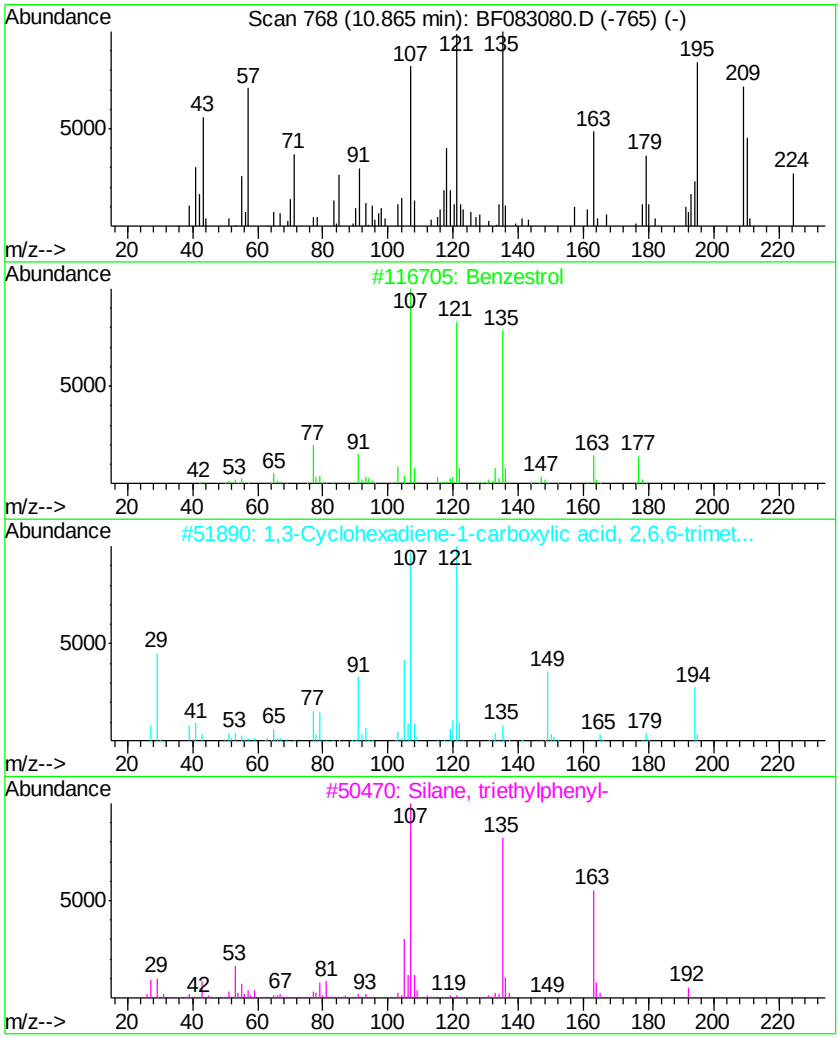
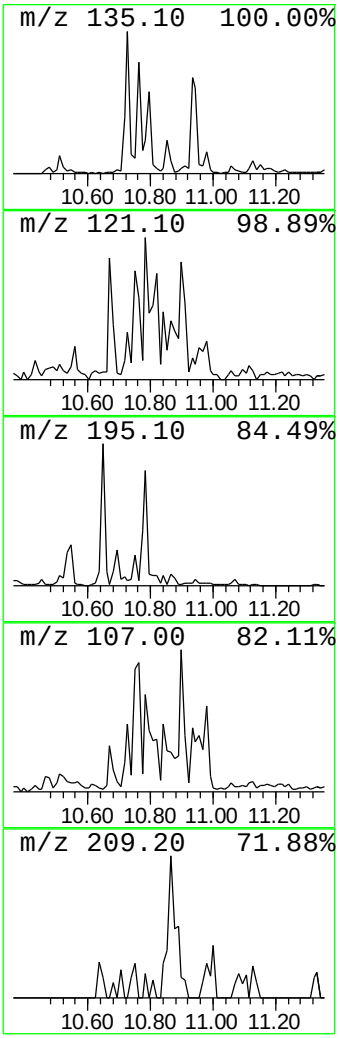
Peak Number 19 unknown10.86 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	4.20 ng	221724	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzestrol	298	C20H26O2	000085-95-0	35
2	1,3-Cyclohexadiene-1-carboxylic ...	194	C12H18O2	035044-59-8	25
3	Silane, triethylphenyl-	192	C12H20Si	002987-77-1	25
4	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	22
5	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	14





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Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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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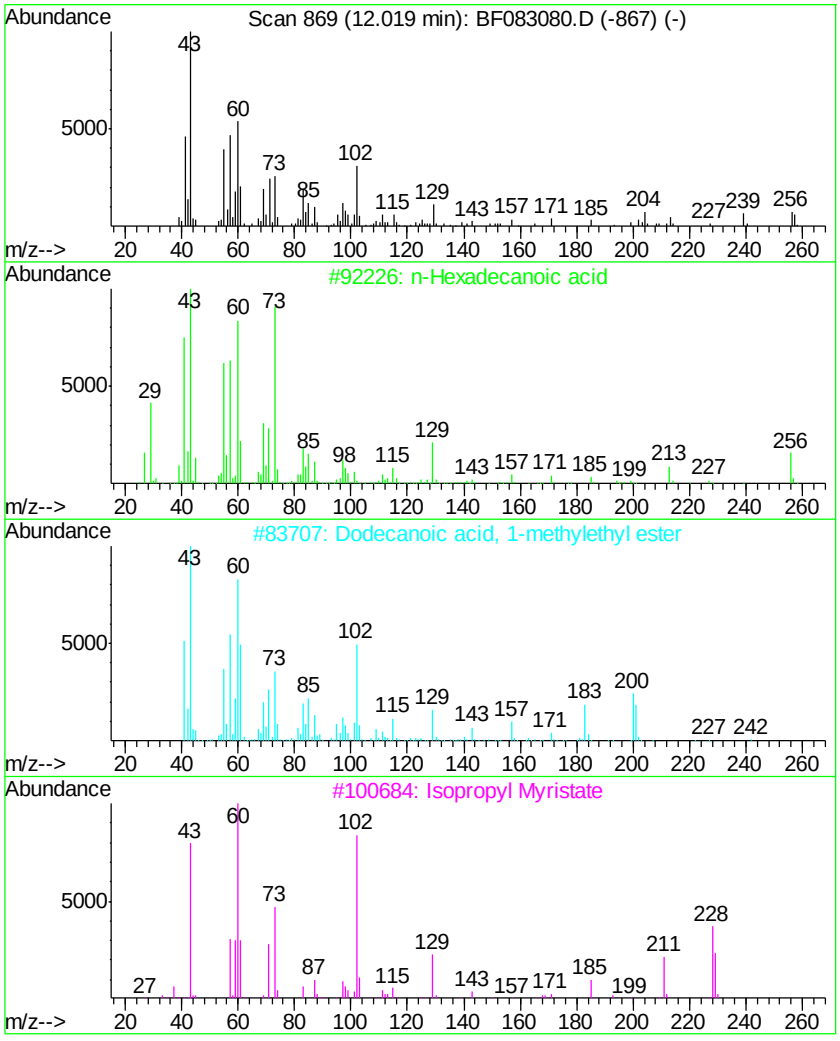
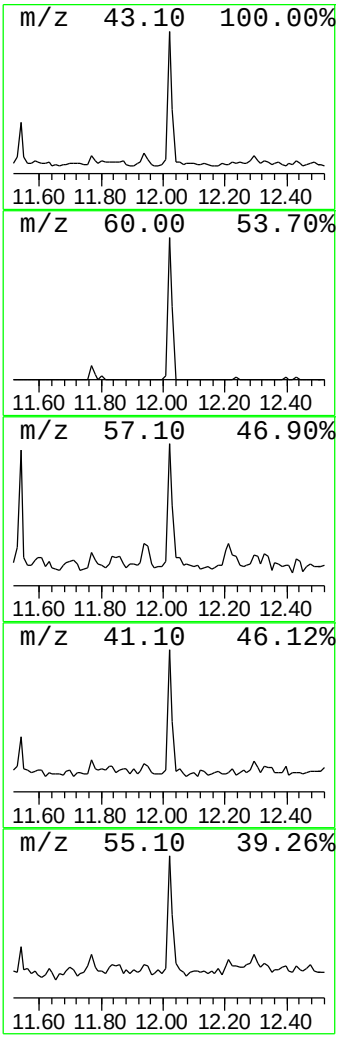
Peak Number 20 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.52 ng	291440	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
2	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	45
3	Isopropyl Myristate	270	C17H34O2	000110-27-0	42
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	42
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	32





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_F\DATA\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-20151116-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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...	4.85	47.6	ng	2177750	1	6.70	914325	20.0
unknown6.48	6.48	104.1	ng	4759910	1	6.70	914325	20.0
Benzene, pentamet...	8.56	5.2	ng	450134	2	7.98	1725050	20.0
Naphthalene, 2-et...	9.26	4.3	ng	319826	3	9.74	1479690	20.0
Naphthalene, 2,6-...	9.33	9.2	ng	677557	3	9.74	1479690	20.0
Naphthalene, 2,3-...	9.40	18.3	ng	1353340	3	9.74	1479690	20.0
Naphthalene, 2,3,...	9.95	7.3	ng	542318	3	9.74	1479690	20.0
Naphthalene, 1,6,...	9.98	5.4	ng	399968	3	9.74	1479690	20.0
3,3'-Dimethylbiph...	10.25	4.9	ng	360506	3	9.74	1479690	20.0
unknown10.35	10.35	8.1	ng	602203	3	9.74	1479690	20.0
4,4'-Dimethylbiph...	10.44	5.2	ng	382288	3	9.74	1479690	20.0
2-(p-Tolylmethyl)...	10.65	12.9	ng	683986	4	11.22	1056160	20.0
Phenol, 4-(1,1,3,...	10.73	5.9	ng	312848	4	11.22	1056160	20.0
unknown10.75	10.75	5.0	ng	262669	4	11.22	1056160	20.0
9,9-Dimethyl-9-si...	10.78	8.8	ng	464400	4	11.22	1056160	20.0
unknown10.86	10.86	4.2	ng	221724	4	11.22	1056160	20.0
n-Hexadecanoic acid	12.02	5.5	ng	291440	4	11.22	1056160	20.0