LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

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-BF090115.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	1.247	10	14	16	rBV	3522820	3999399	100.00%	18.128%
2	1.441	30	31	37	rBV	105522	268326	6.71%	1.216%
3	1.533	37	39	76	rVB	777405	2935603	73.40%	13.306%
4	4.436	291	293	309	rBV	105278	278893	6.97%	1.264%
5	5.316	368	370	381	rBV	312432	676582	16.92%	3.067%
6	7.579	566	568	574	rBV	175198	401094	10.03%	1.818%
7	7.682	574	577	586	rVB	740583	1412979	35.33%	6.405%
8	8.173	617	620	625	rVB	190877	308562	7.72%	1.399%
9	8.505	644	649	652	rBV	753464	1308578	32.72%	5.931%
10	8.550	652	653	658	rVB	31602	46281	1.16%	0.210%
11	9.476	729	734	737	rBV	611716	1217794	30.45%	5.520%
12	10.505	820	824	826	rBV	43259	76090	1.90%	0.345%
13	11.065	870	873	876	rBV	221530	413643	10.34%	1.875%
14	11.134	876	879	881	rVB2	21736	46745	1.17%	0.212%
15	11.259	887	890	894	rVB	34247	72212	1.81%	0.327%
16	11.682	925	927	930	rVB2	26246	44503	1.11%	0.202%
17	11.808	934	938	942	rBV3	20896	60026	1.50%	0.272%
18	12.311	978	982	987	rVB3	39015	82131	2.05%	0.372%
19	12.471	991	996	999	rBV3	19004	63419	1.59%	0.287%
20	12.665	1009	1013	1018	rBV4	37622	122599	3.07%	0.556%
21	12.779	1018	1023	1028	rVB5	16501	52386	1.31%	0.237%
22	12.985	1039	1041	1044	rVB	39854	58294	1.46%	0.264%
23	13.088	1044	1050	1053	rBV4	42765	110953	2.77%	0.503%
24	13.408	1075	1078	1083	rBV4	19504	43335	1.08%	0.196%
25	13.602	1092	1095	1100	rVB5	13176	42785	1.07%	0.194%
26	13.717	1100	1105	1108	rBV	1103493	1973550	49.35%	8.945%
27	14.037	1130	1133	1136	rBV2	22567	48817	1.22%	0.221%
28	14.448	1164	1169	1171	rBV	55970	137939	3.45%	0.625%
29	14.505	1171	1174	1180	rVB3	36762	89669	2.24%	0.406%
30	14.700	1186	1191	1193	rBV5	28467	88037	2.20%	0.399%
31	14.745	1193	1195	1202	rVB5	25949	93000	2.33%	0.422%
32	15.203	1230	1235	1239	rBV	230715	437347	10.94%	1.982%
33	15.774	1280	1285	1287	rBV3	32189	62947	1.57%	0.285%
34	15.854	1290	1292	1296	rVB3	22915	41169	1.03%	0.187%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.025	1302	1307	1309	rBV	26237	58636	1.47%	0.266%
36	16.174	1315	1320	1324	rBV6	19090	64996	1.63%	0.295%
37	16.643	1358	1361	1370	rBV7	30508	110023	2.75%	0.499%
38	17.111	1397	1402	1405	rVV	637983	1229040	30.73%	5.571%
39	17.191	1406	1409	1419	rVB8	18219	66771	1.67%	0.303%
40	17.454	1429	1432	1439	rVB6	21896	77348	1.93%	0.351%
41	17.888	1462	1470	1473	rBV3	26844	97301	2.43%	0.441%
42	18.243	1498	1501	1506	rBV2	18367	46714	1.17%	0.212%
43	18.700	1537	1541	1544	rBV	256393	433790	10.85%	1.966%
44	20.472	1692	1696	1705	rBV2	90499	199982	5.00%	0.906%
45	21.877	1816	1819	1823	rBV2	68633	119632	2.99%	0.542%
46	22.083	1833	1837	1839	rBV	1175693	1840127	46.01%	8.341%
47	23.352	1946	1948	1950	rVB	297681	363970	9.10%	1.650%
48	24.781	2071	2073	2076	rBV	227550	238106	5.95%	1.079%

Sum of corrected areas: 22062123

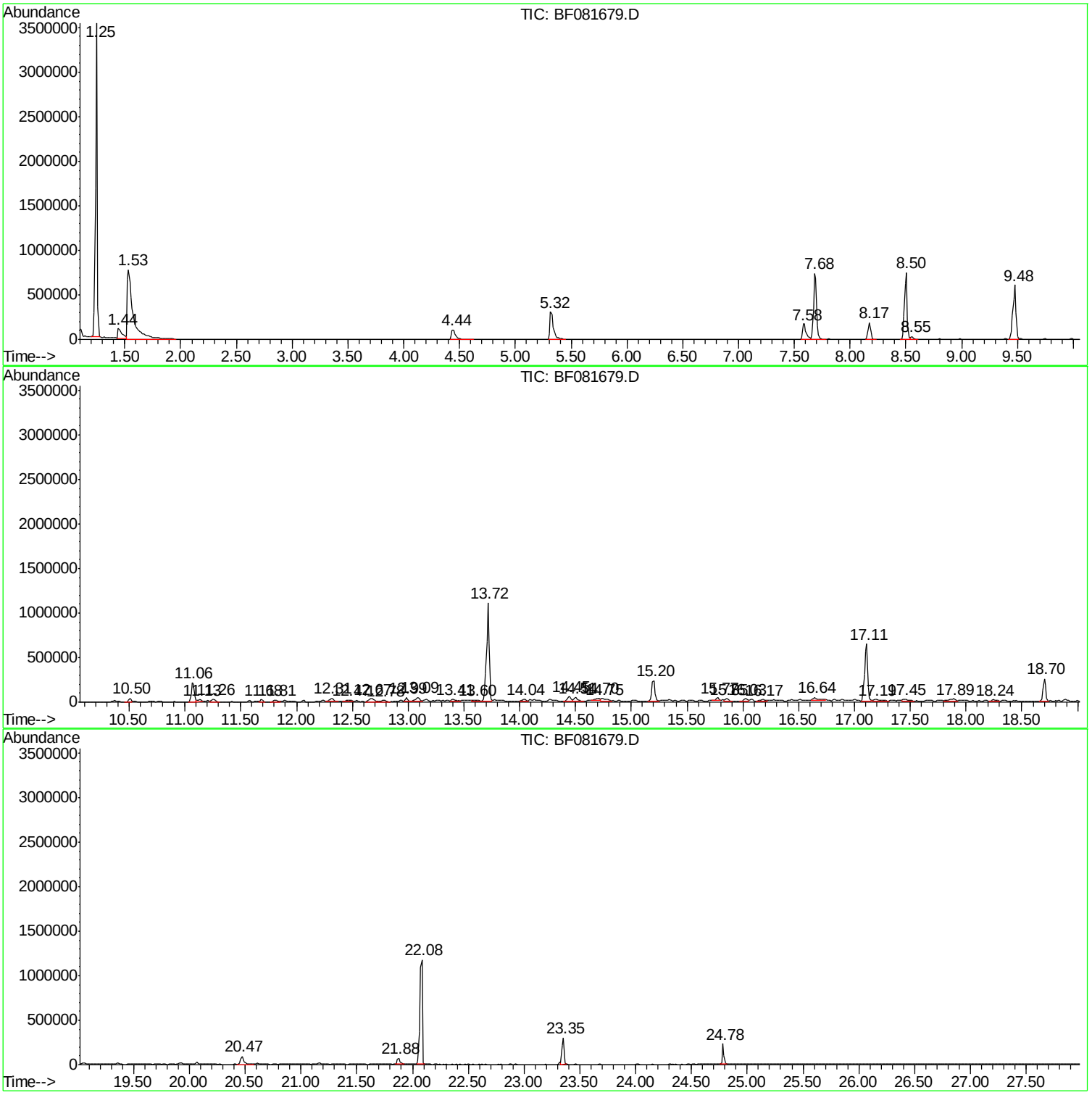
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

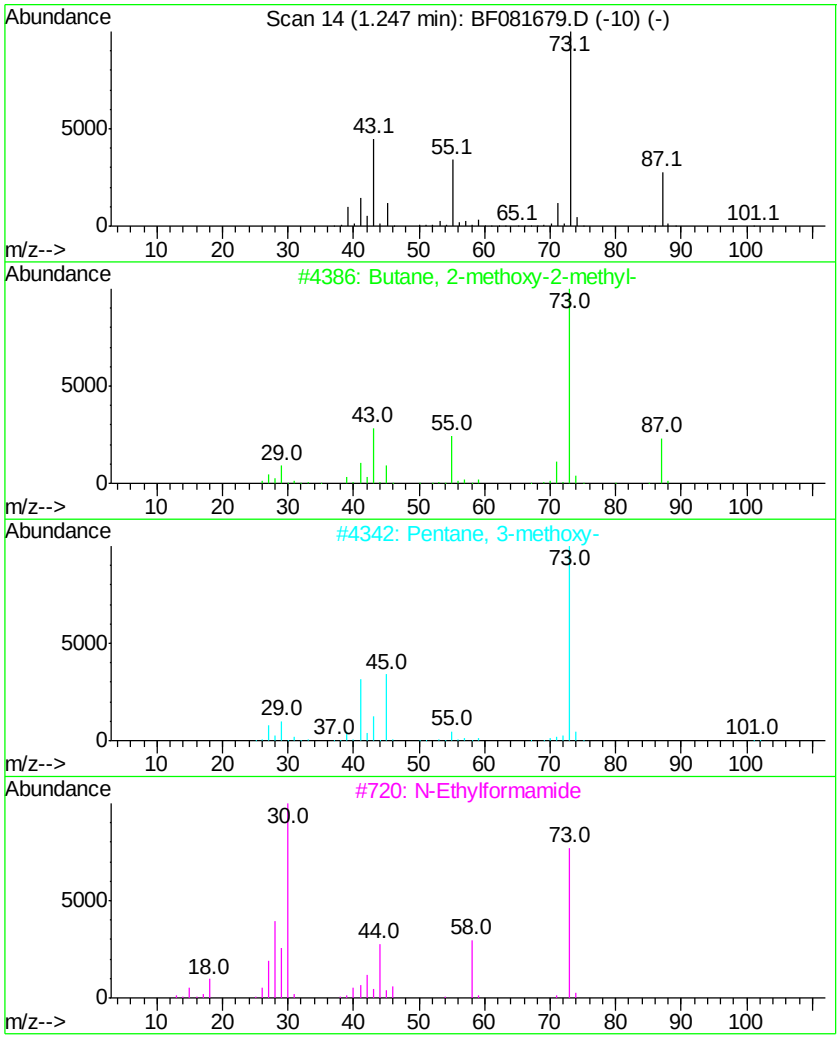
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

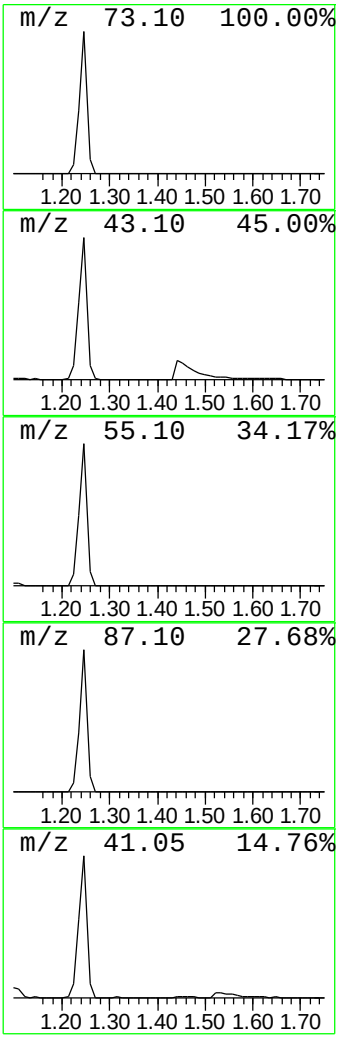
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.25	259.23 ng	3999400	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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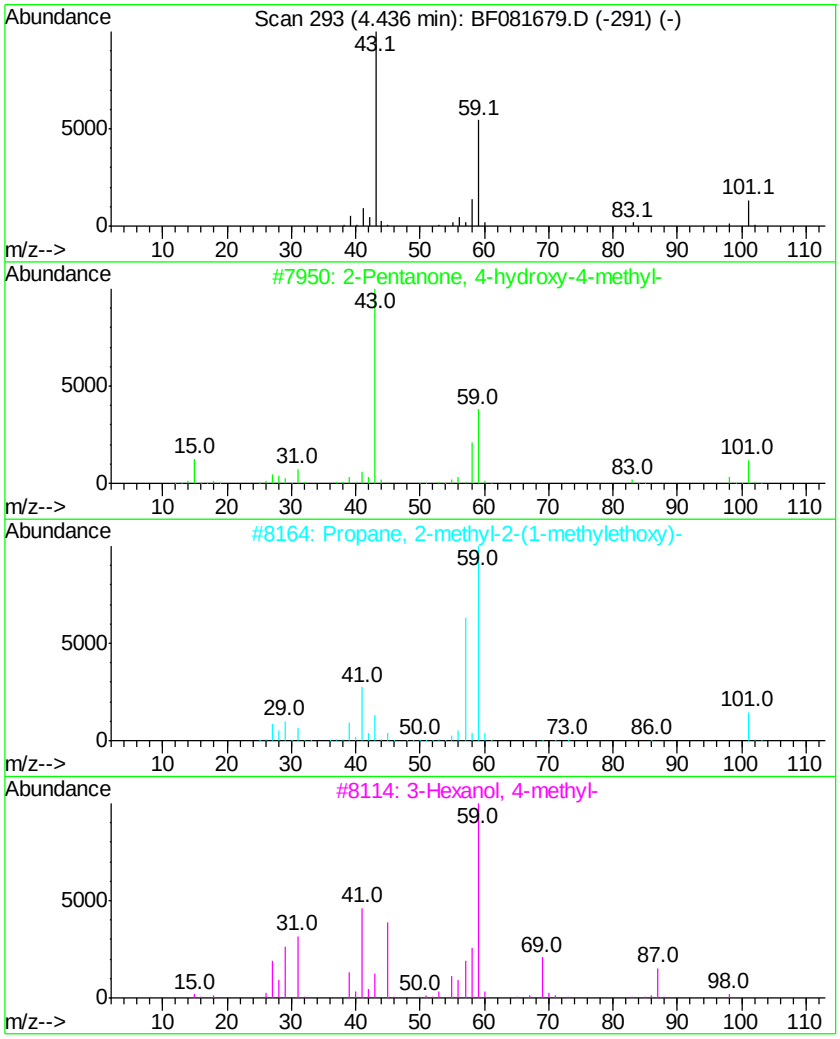
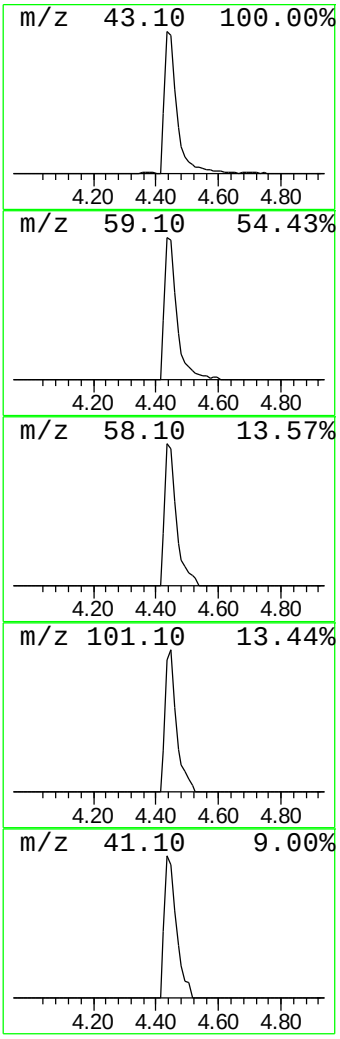
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	18.08 ng	278893	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

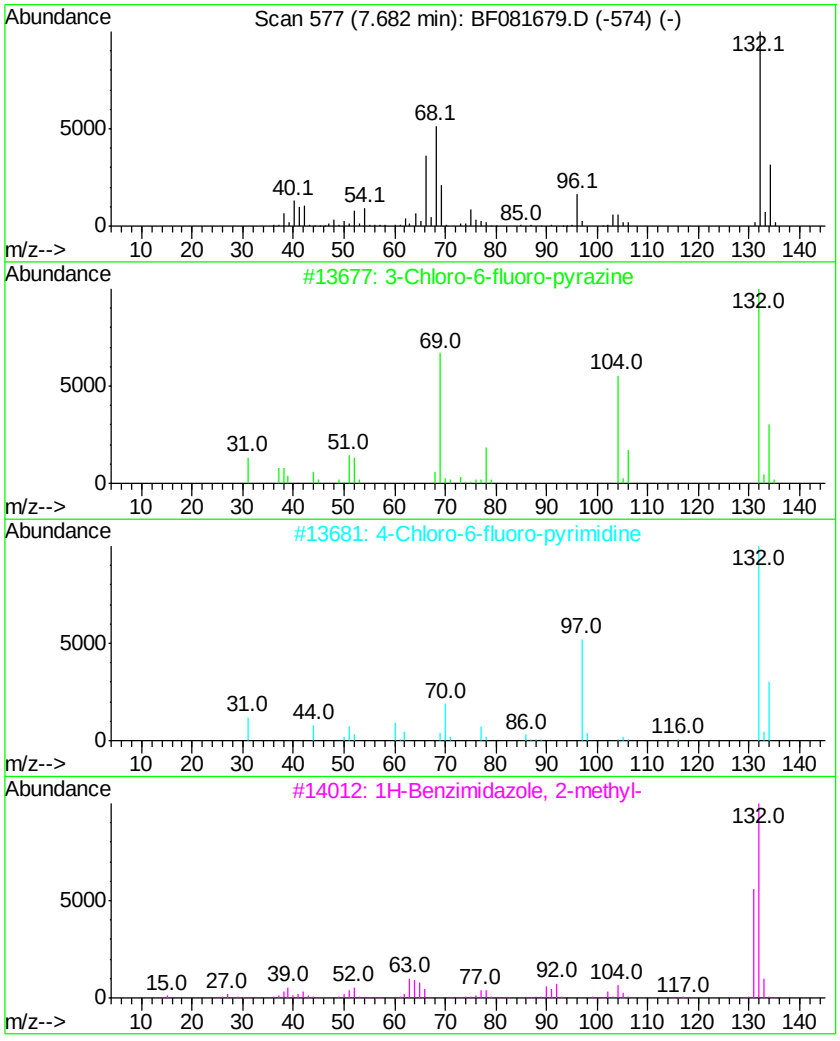
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

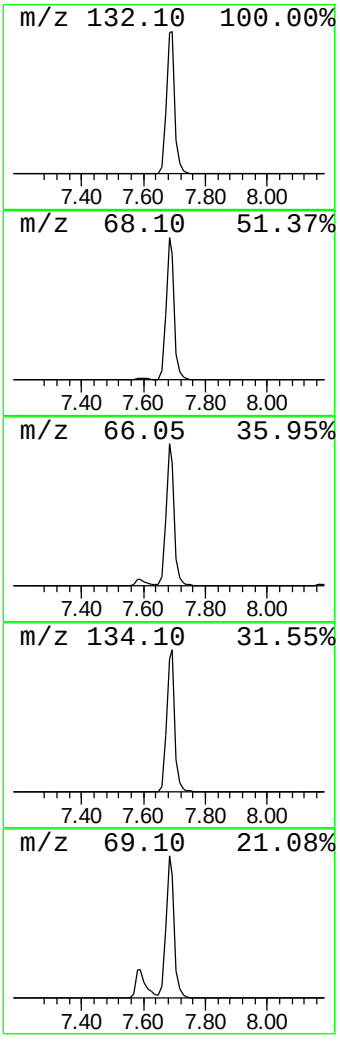
****

Peak Number 5 unknown7.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	91.58 ng	1412980	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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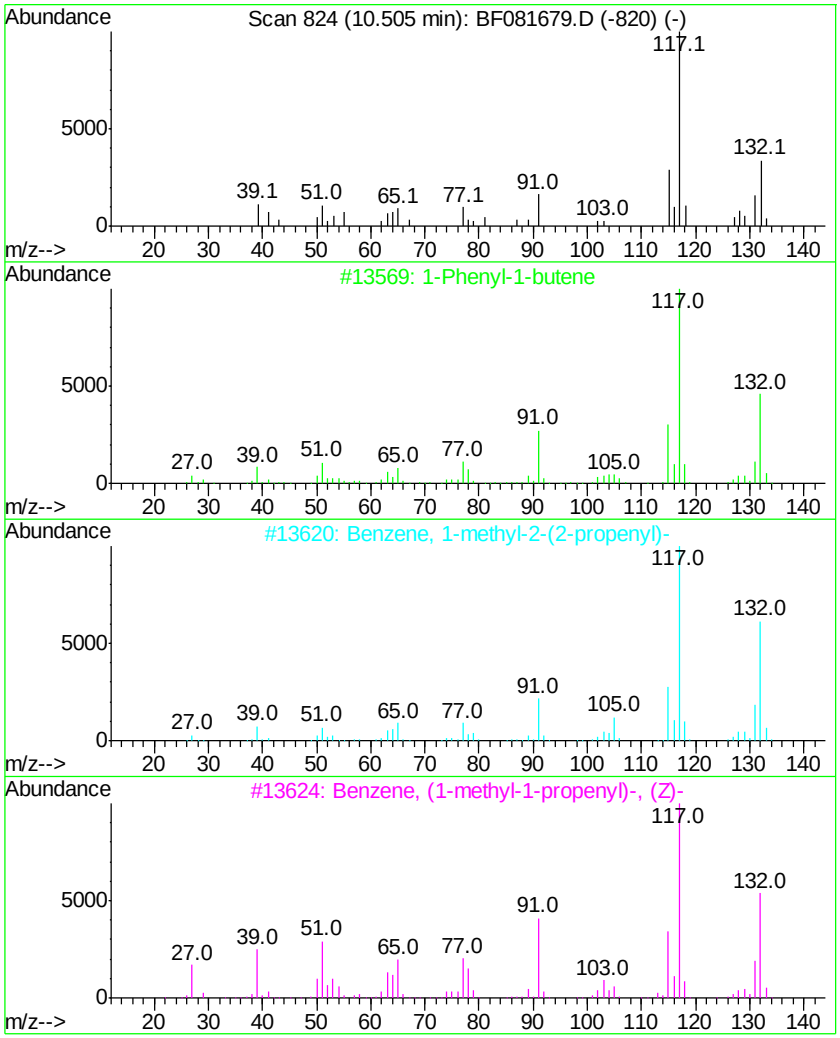
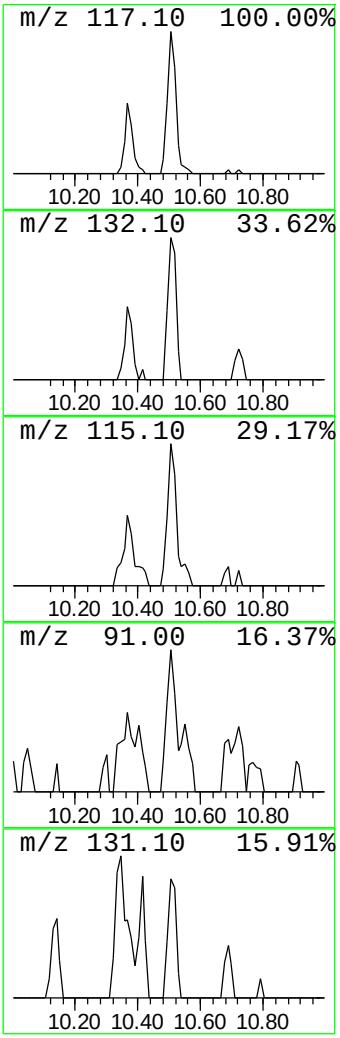
Peak Number 7 1-Phenyl-1-butene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	3.68 ng	76090	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

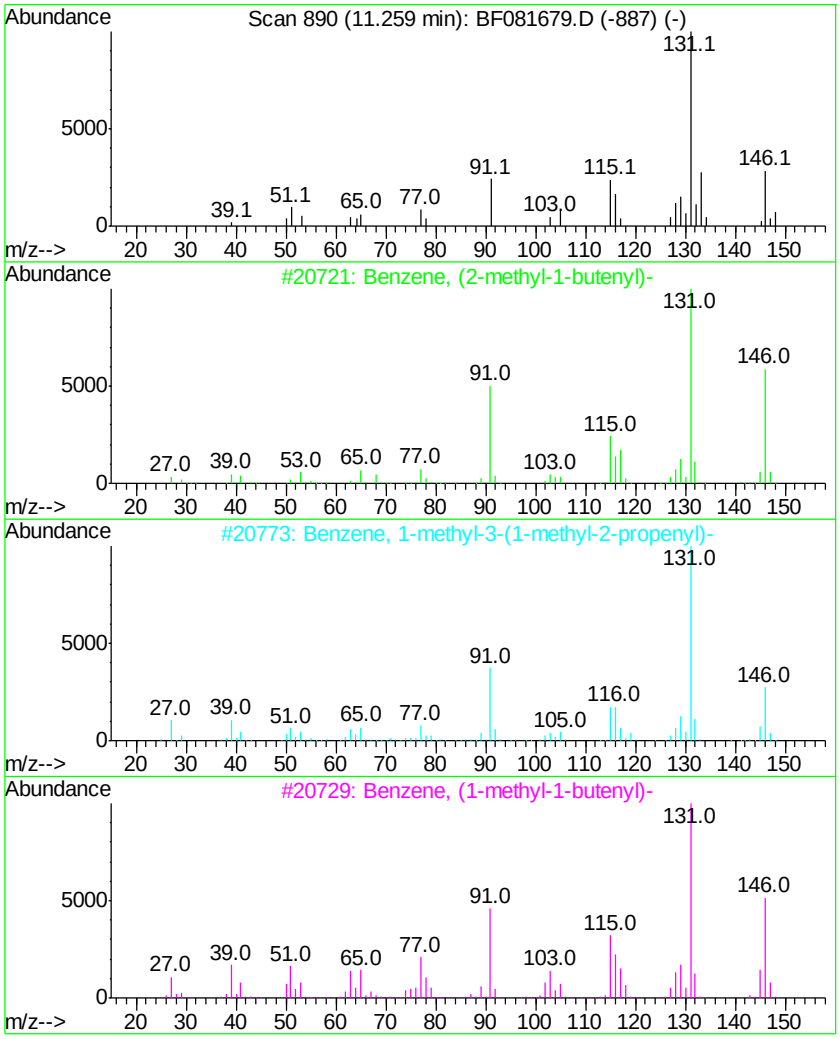
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

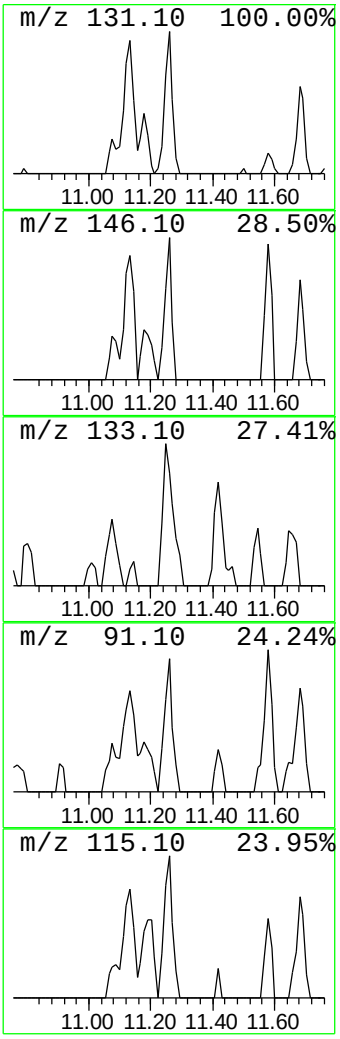
****

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.49 ng	72212	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

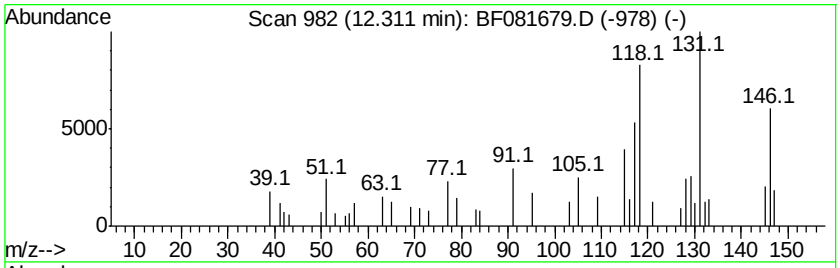
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

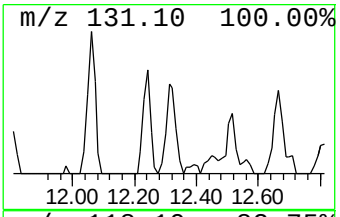
****

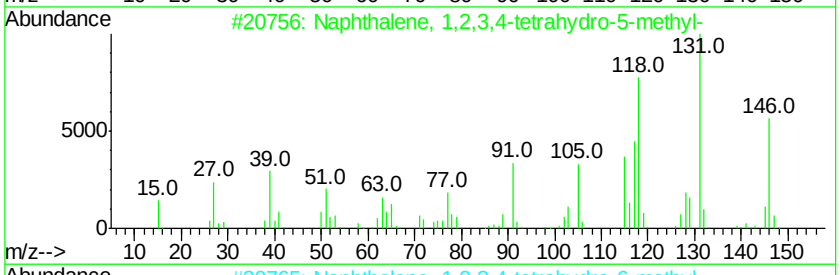
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

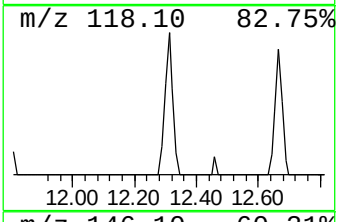
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.97 ng	82131	Naphthalene-d8	11.07

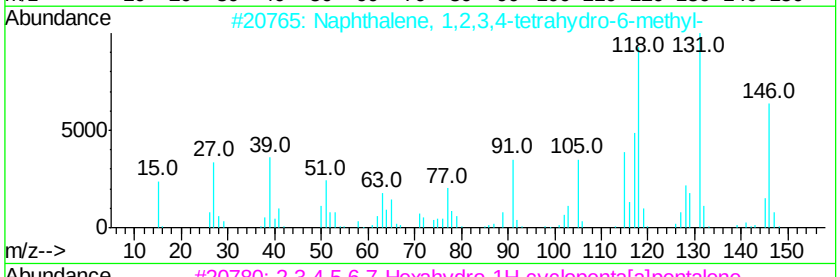
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52

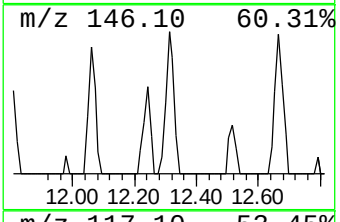


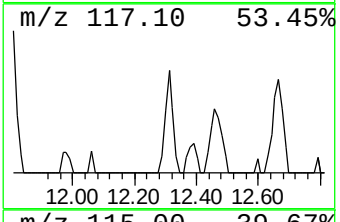


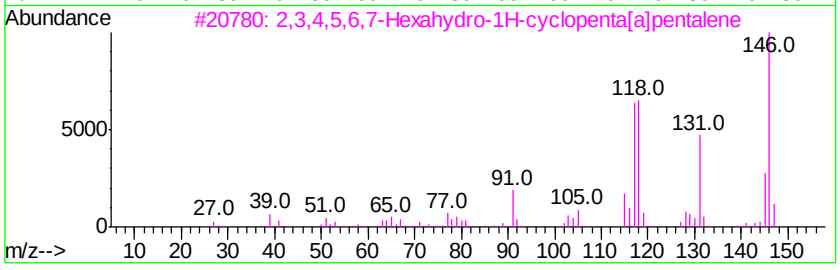


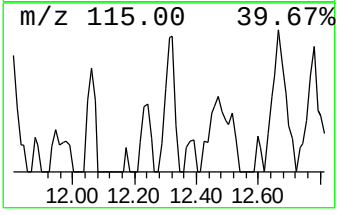












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

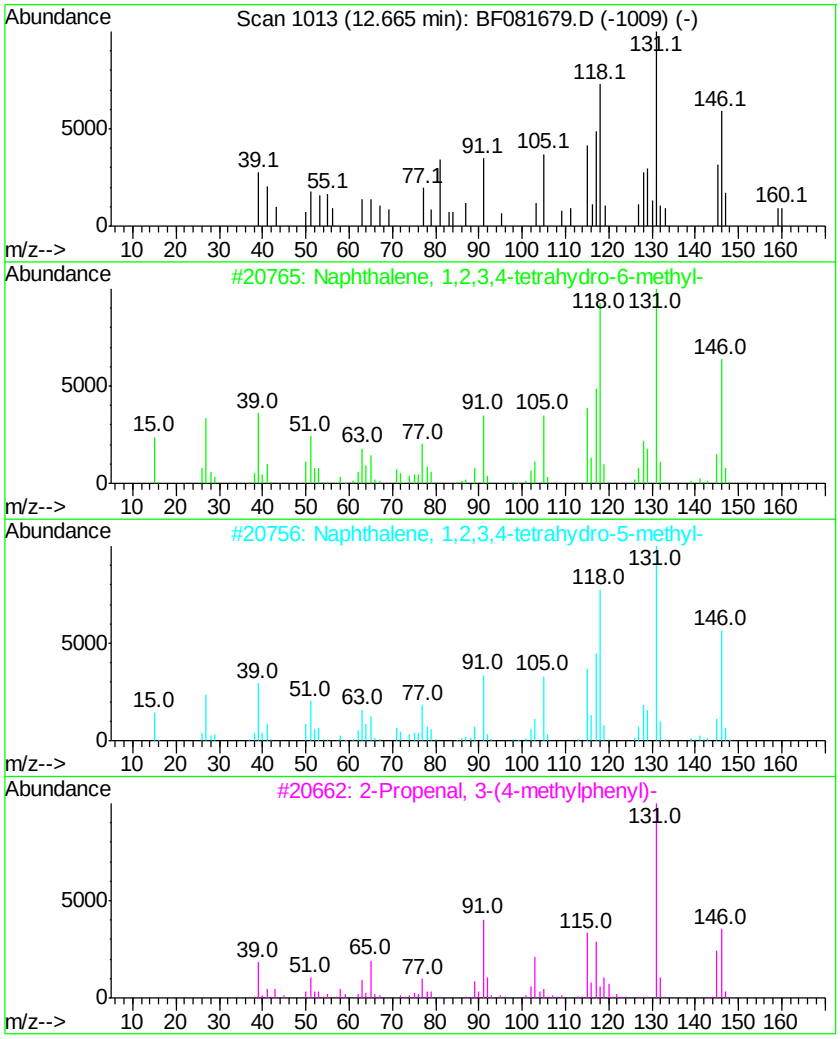
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

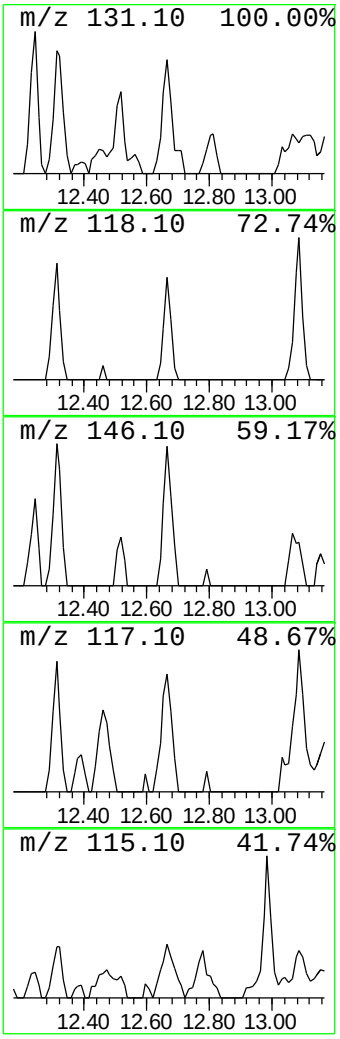
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.93 ng	122599	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	58
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	53
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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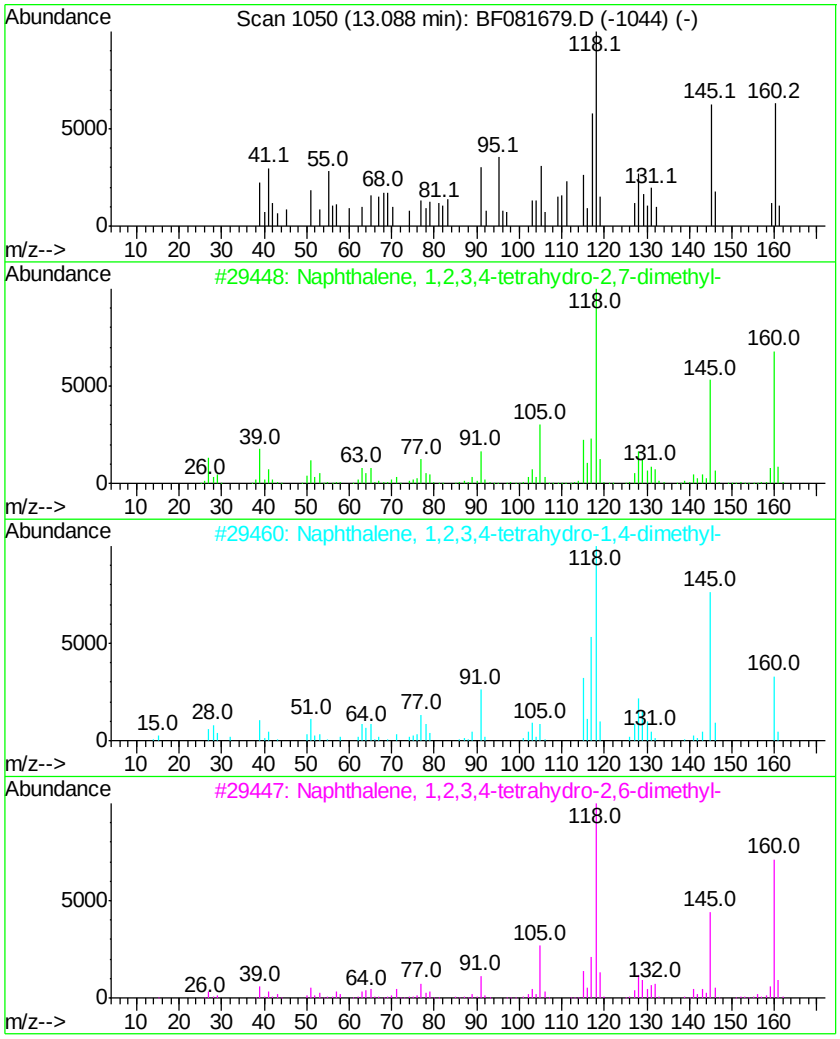
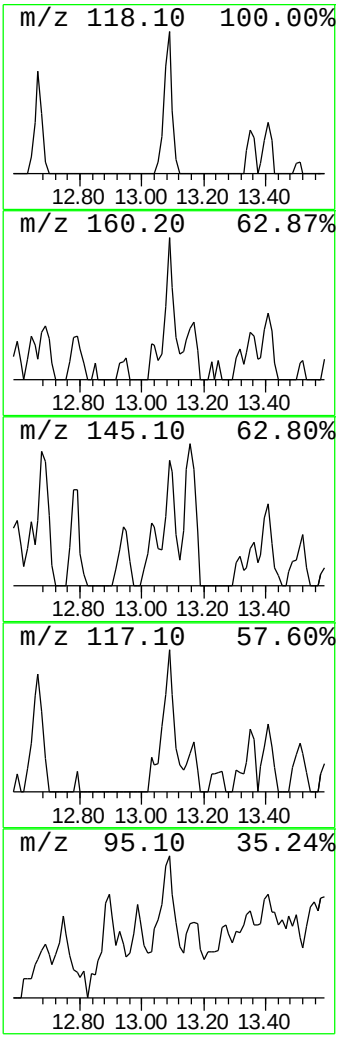
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.36 ng	110953	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	92
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	52
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	46





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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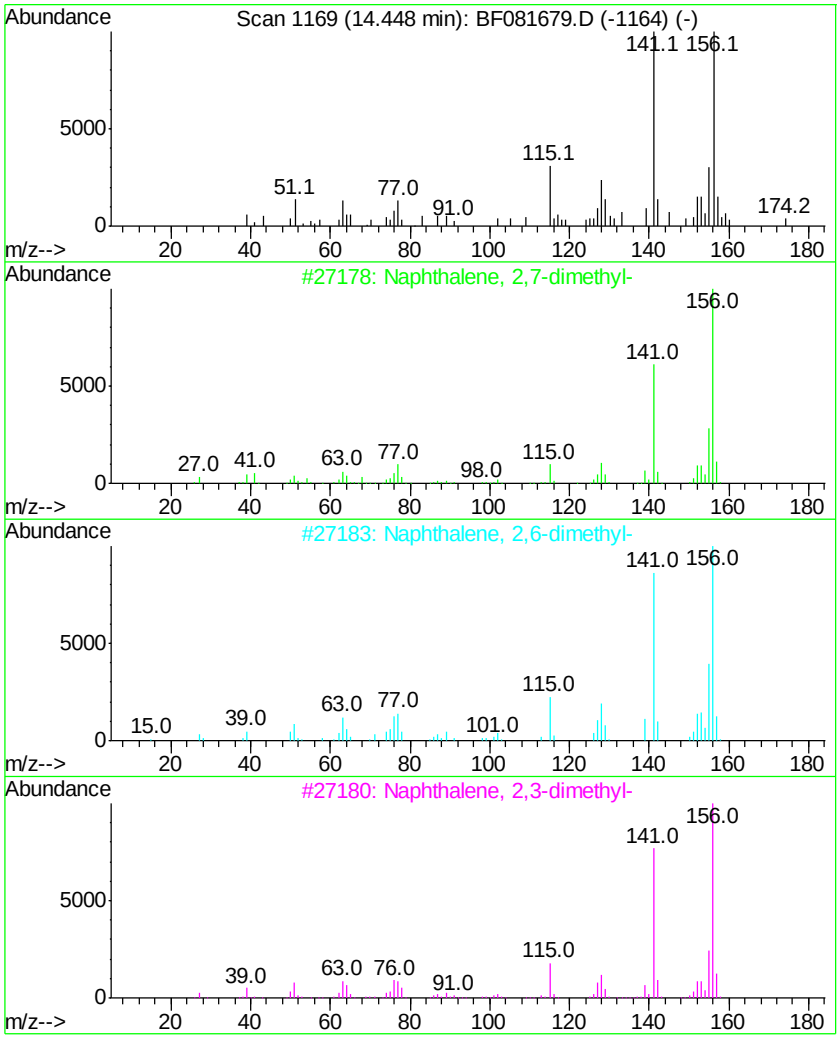
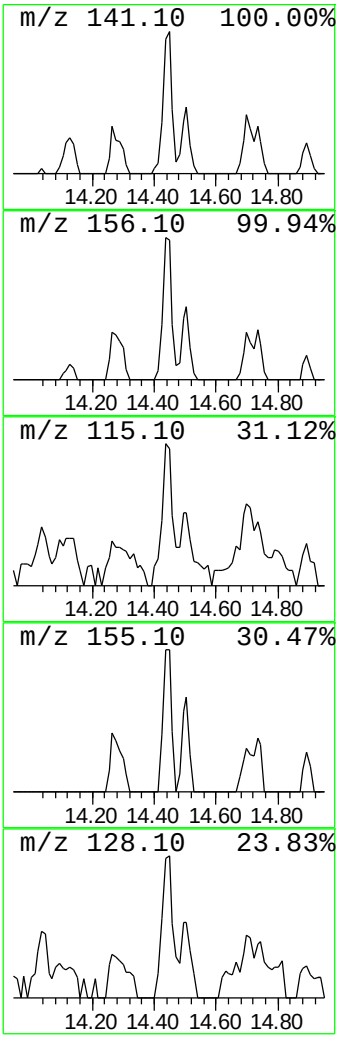
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	6.31 ng	137939	Acenaphthene-d10	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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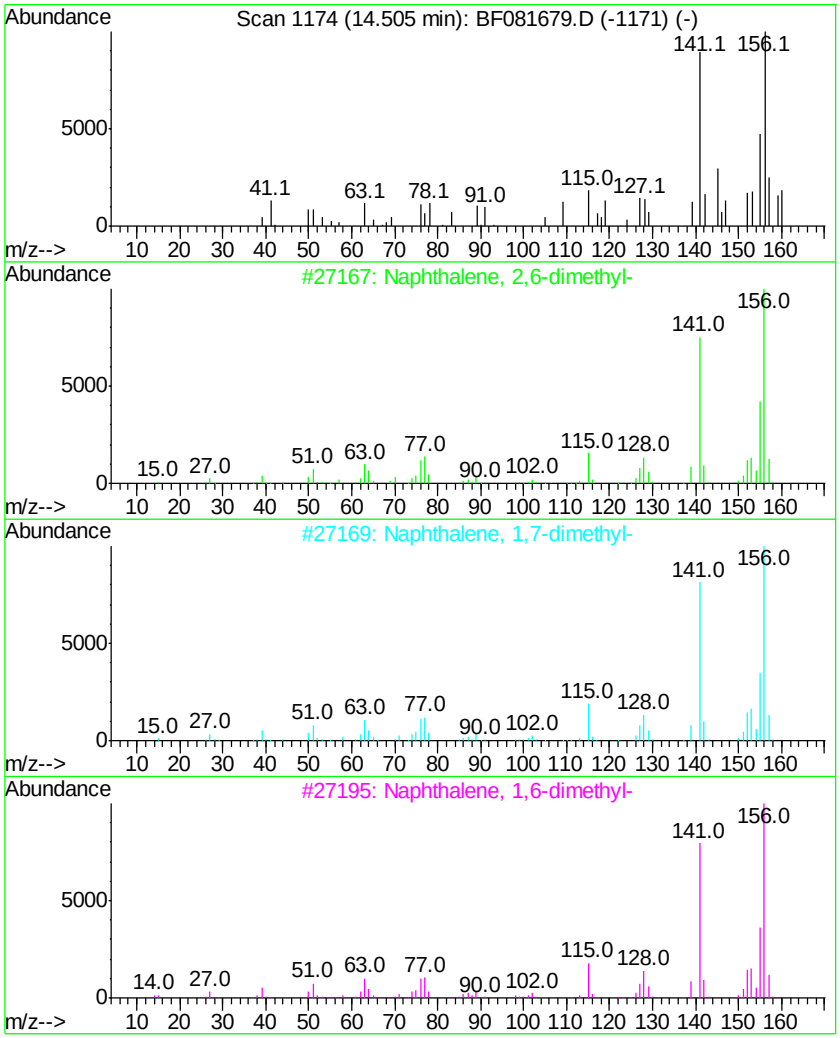
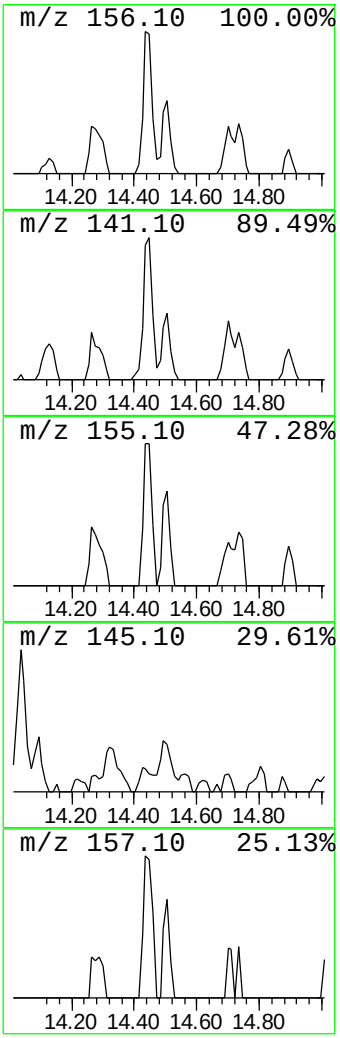
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.10 ng	89669	Acenaphthene-d10	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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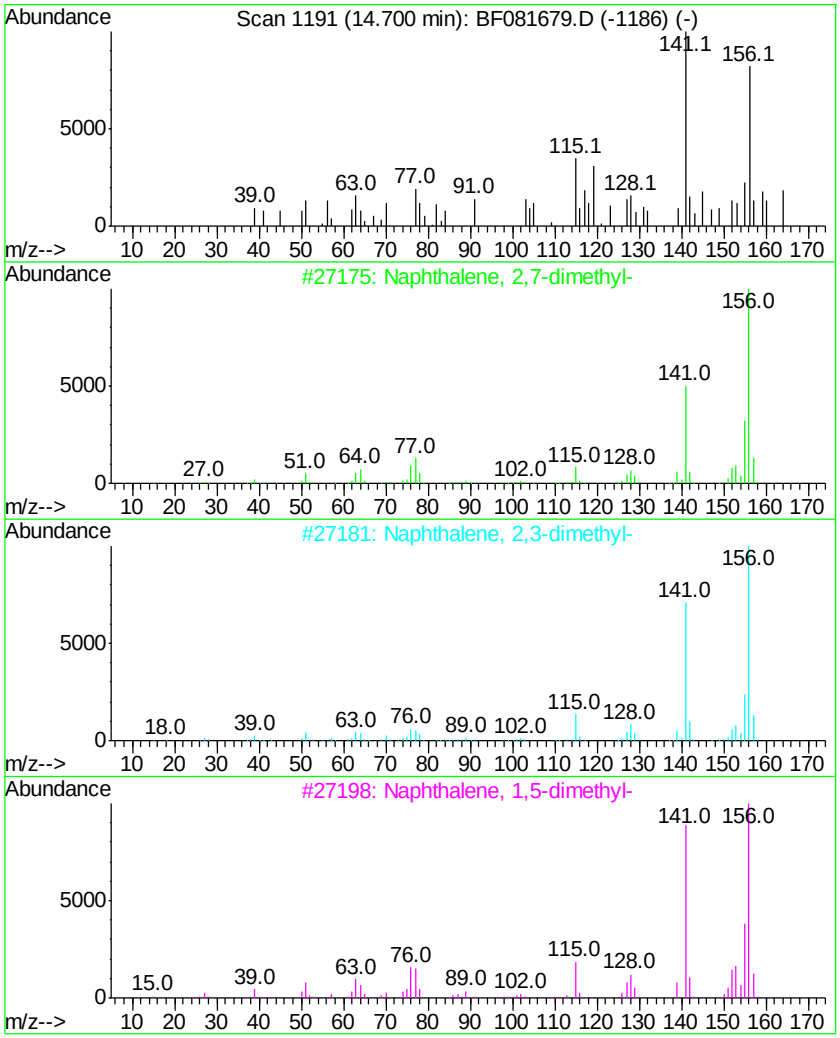
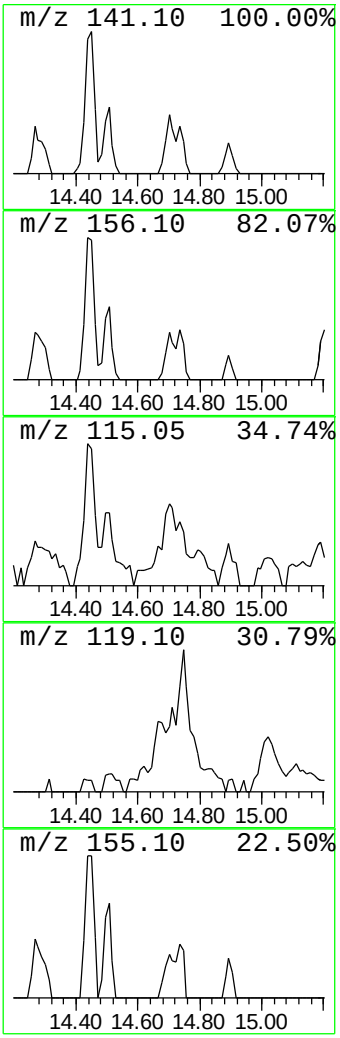
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.03 ng	88037	Acenaphthene-d10	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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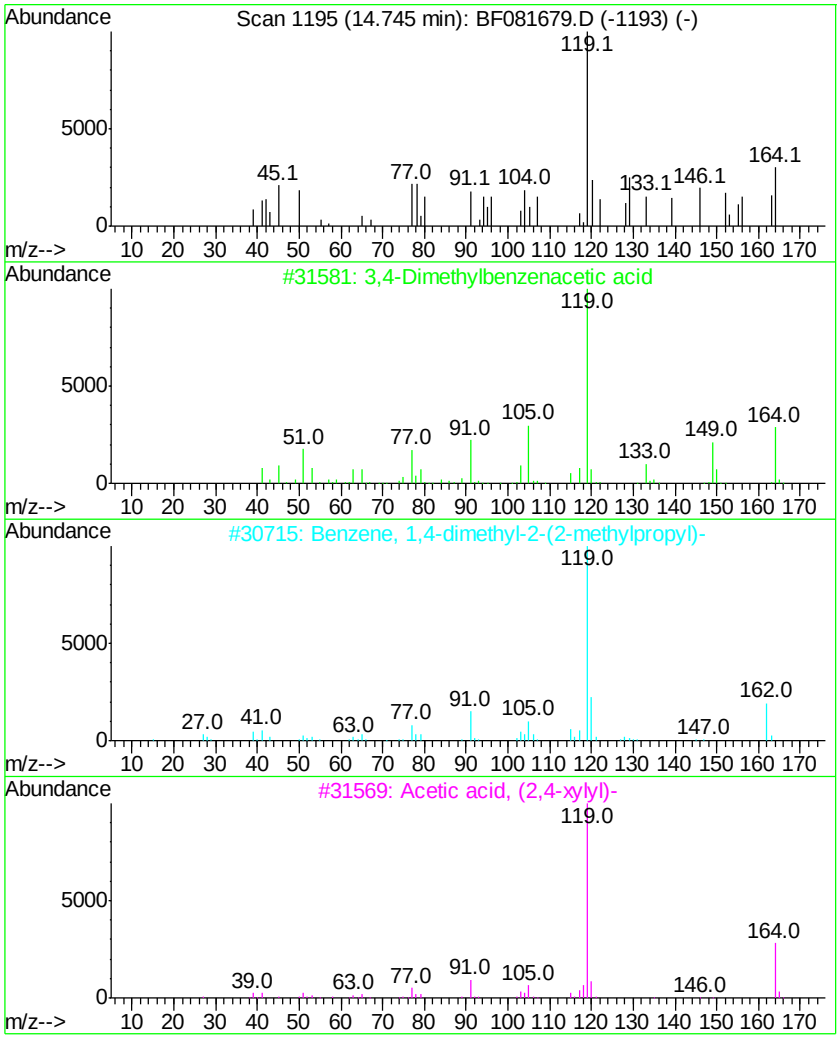
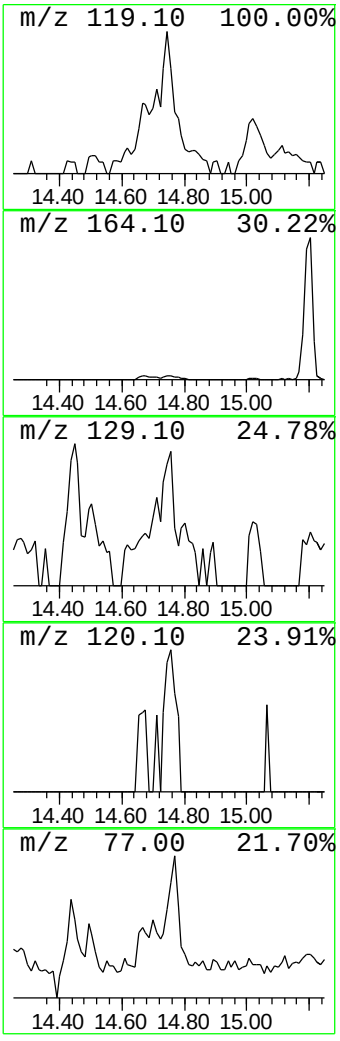
Peak Number 15 unknown14.75 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	4.25 ng	93000	Acenaphthene-d10	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	38
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	38
4	Cyclohexanol, 5-methyl-2-(1-meth...	232	C16H24O	134256-18-1	25
5	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	25





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Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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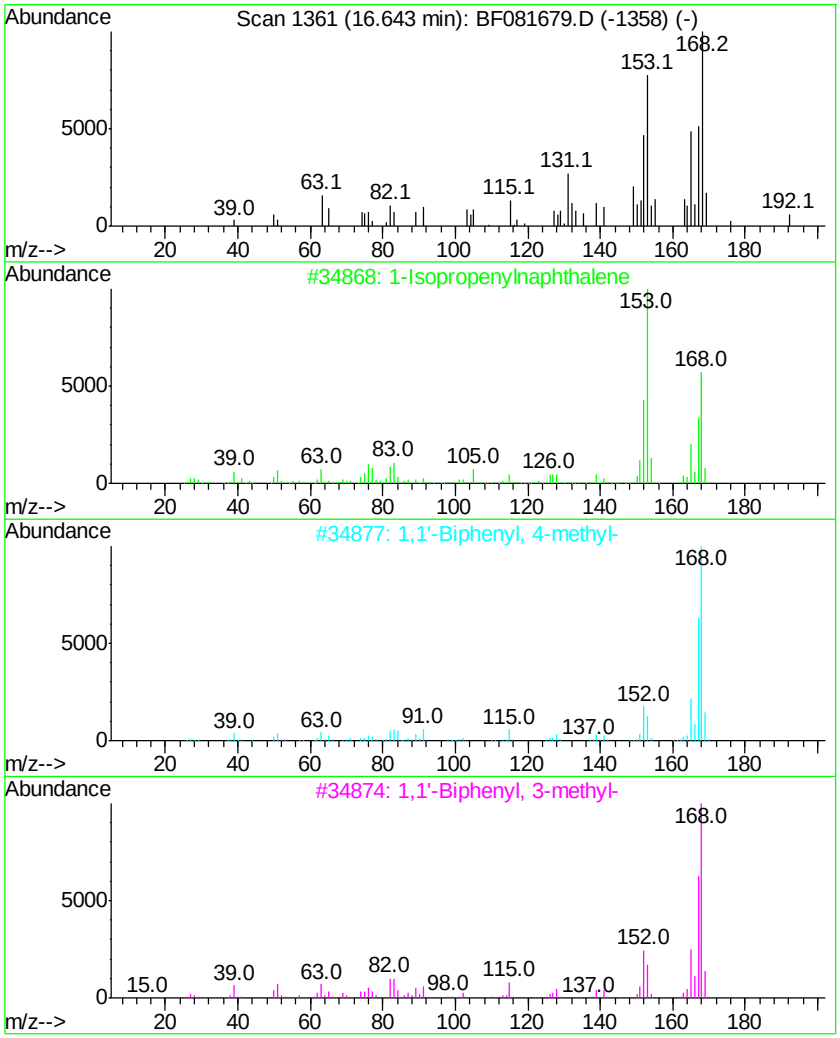
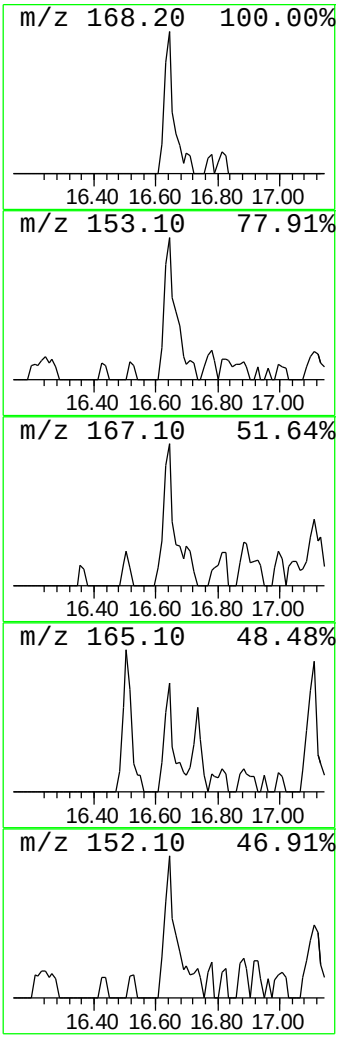
Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	5.03 ng	110023	Acenaphthene-d10	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	45





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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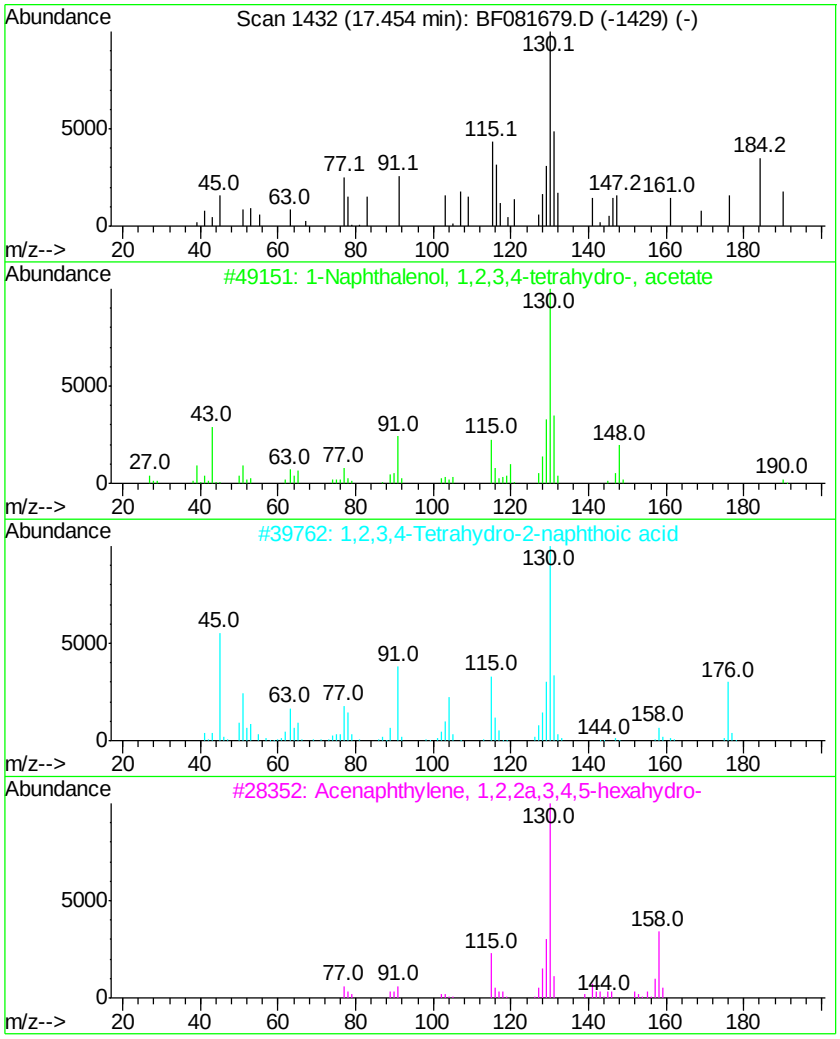
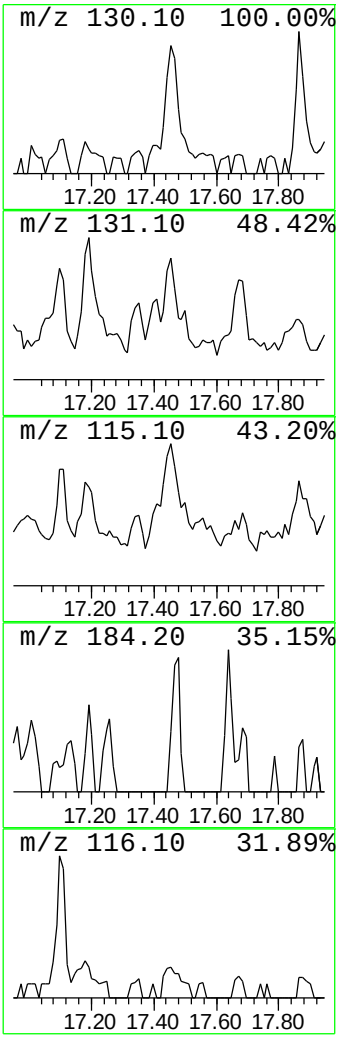
Peak Number 17 1-Naphthalenol, 1,2,3,4-tet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	3.57 ng	77348	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	50
2	1,2,3,4-Tetrahydro-2-naphthoic acid	176	C11H12O2	053440-12-3	49
3	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	47
4	Benzo[3,4]cyclobuta[1,2]cyclooct...	186	C14H18	056666-89-8	40
5	1,2,3,4-Tetrahydro-2 naphthol	148	C10H12O	000530-91-6	38





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Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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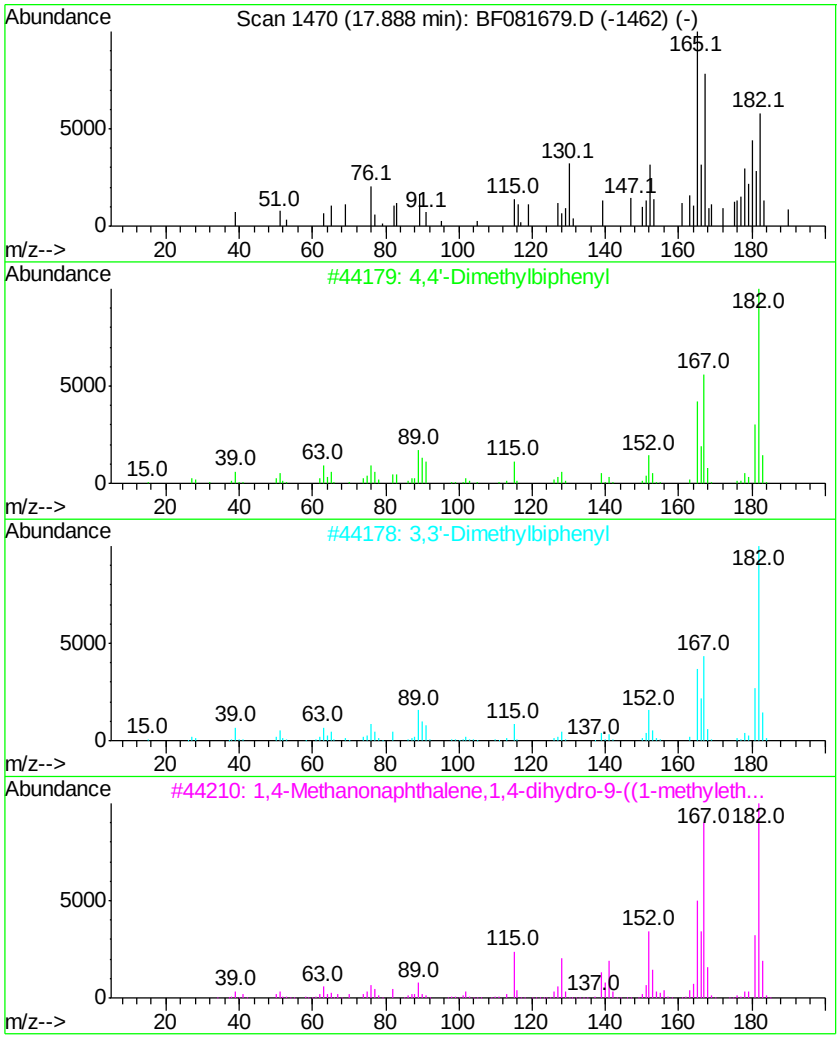
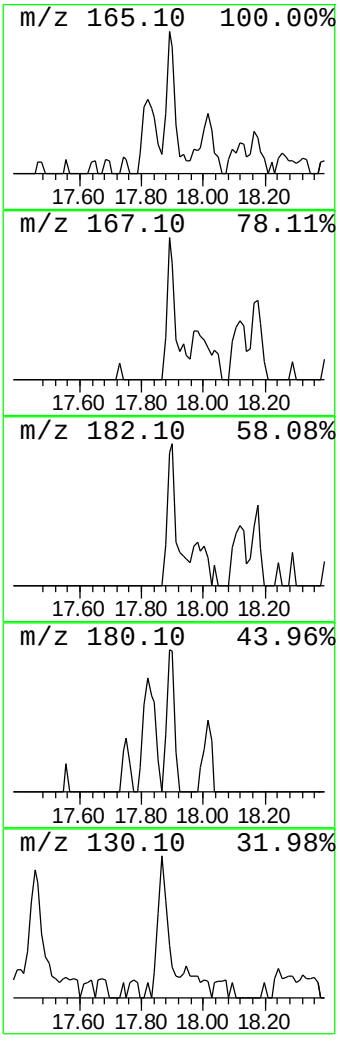
Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.49 ng	97301	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	53
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
5	3-Ethyl-1,2-dihydro-6-methyl-5-n...	182	C8H10N2O3	1000241-09-2	43





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Sample : G3631-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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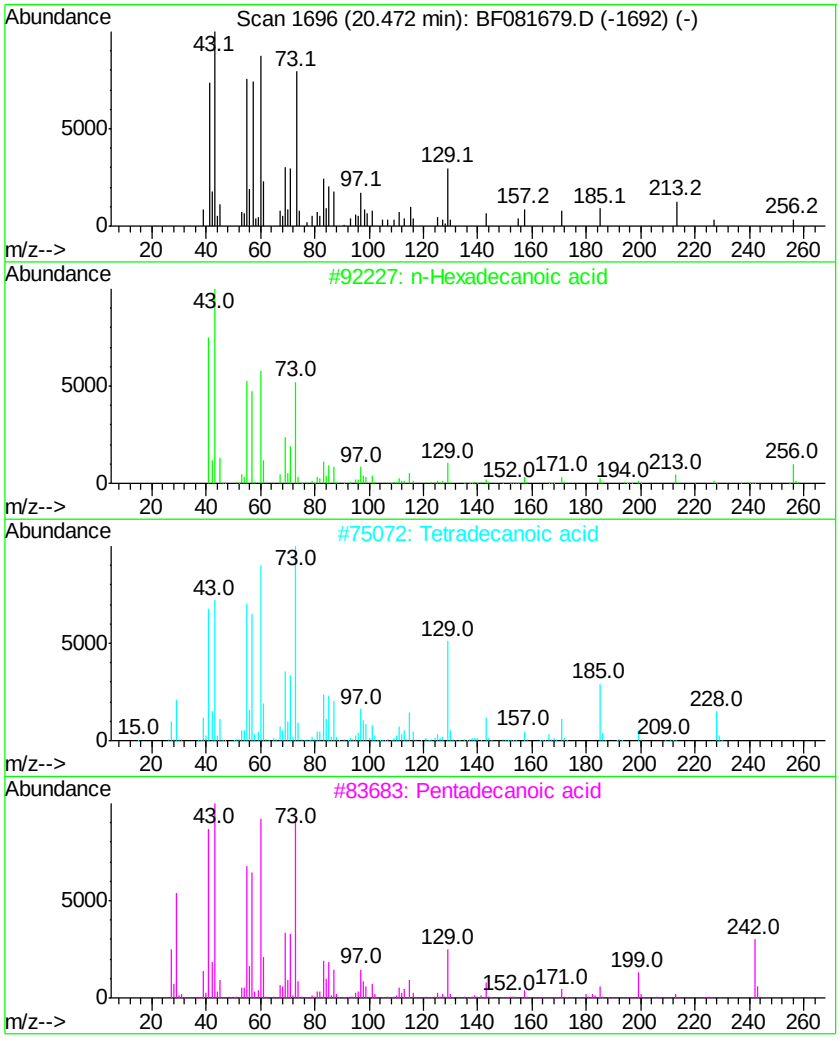
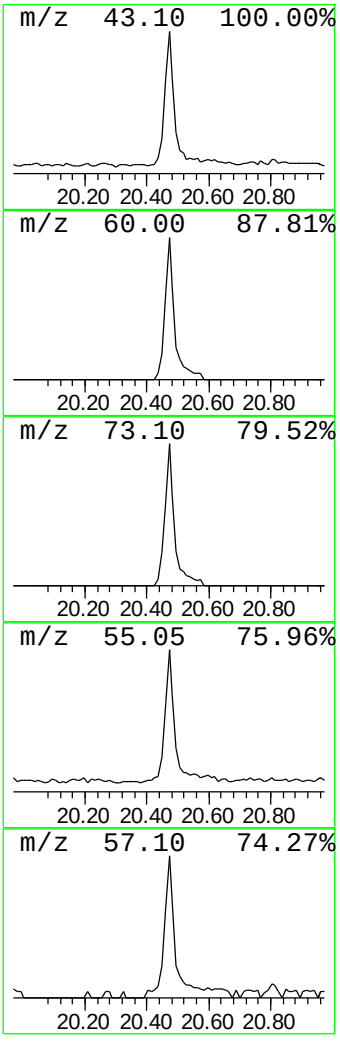
Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	9.22 ng	199982	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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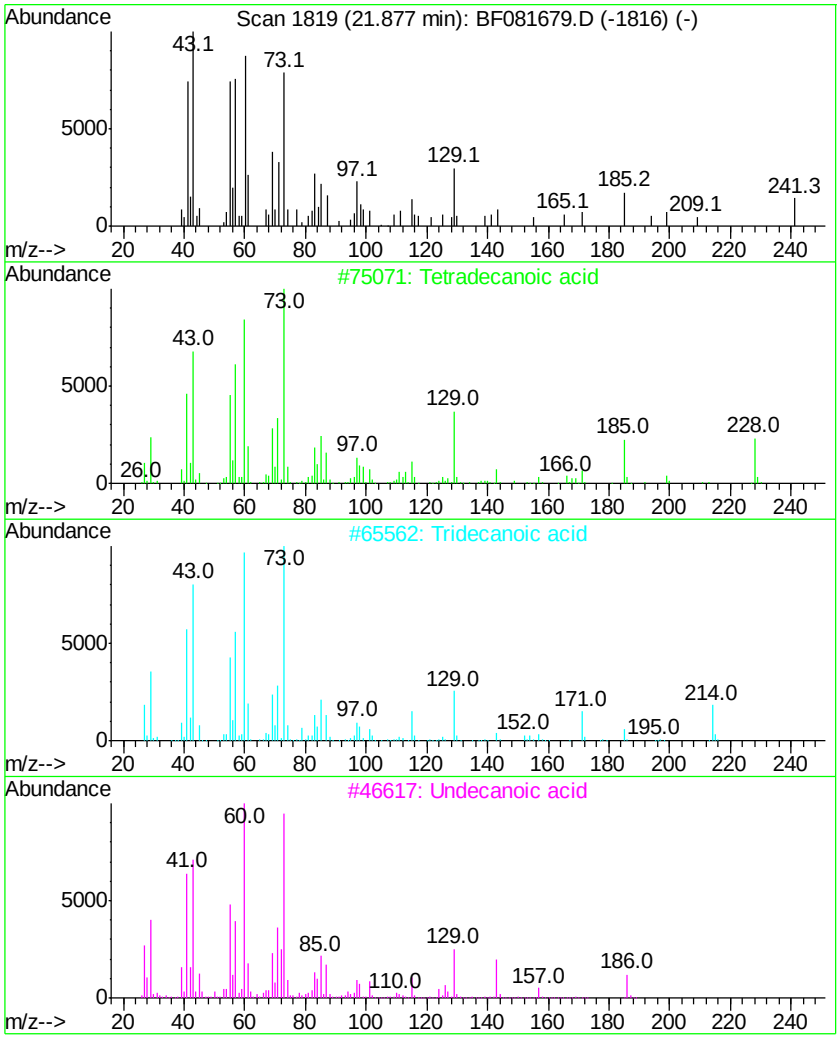
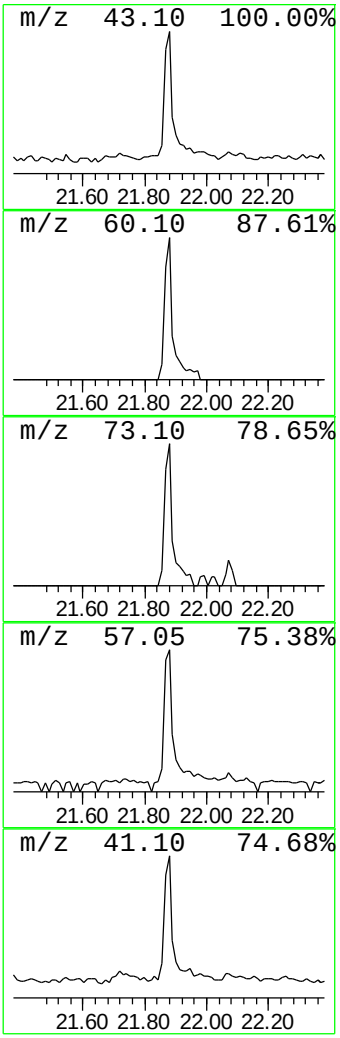
Peak Number 20 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	6.57 ng	119632	Chrysene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081679.D
Acq On : 17 Sep 2015 15:07
Operator : UM/IZ
Sample : G3631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	1.25	259.2	ng	3999400	1	8.17	308562	20.0
2-Pentanone, 4-hy...	4.44	18.1	ng	278893	1	8.17	308562	20.0
unknown7.68	7.68	91.6	ng	1412980	1	8.17	308562	20.0
1-Phenyl-1-butene	10.50	3.7	ng	76090	2	11.07	413643	20.0
Benzene, (2-methy...	11.26	3.5	ng	72212	2	11.07	413643	20.0
Naphthalene, 1,2,...	12.31	4.0	ng	82131	2	11.07	413643	20.0
Naphthalene, 1,2,...	12.67	5.9	ng	122599	2	11.07	413643	20.0
Naphthalene, 1,2,...	13.09	5.4	ng	110953	2	11.07	413643	20.0
Naphthalene, 2,7-...	14.45	6.3	ng	137939	3	15.20	437347	20.0
Naphthalene, 2,6-...	14.51	4.1	ng	89669	3	15.20	437347	20.0
Naphthalene, 2,3-...	14.70	4.0	ng	88037	3	15.20	437347	20.0
unknown14.75	14.75	4.3	ng	93000	3	15.20	437347	20.0
1-Isopropenylnaph...	16.64	5.0	ng	110023	3	15.20	437347	20.0
1-Naphthalenol, 1...	17.45	3.6	ng	77348	4	18.70	433790	20.0
4,4'-Dimethylbiph...	17.89	4.5	ng	97301	4	18.70	433790	20.0
n-Hexadecanoic acid	20.47	9.2	ng	199982	4	18.70	433790	20.0
Tetradecanoic acid	21.88	6.6	ng	119632	5	23.35	363970	20.0