LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080464.D
Acq On : 14 Jul 2015 12:53
Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-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-BF071015.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	2.155	5	6	14	rBV	26614	47766	19.01%	1.799%
2	2.270	14	16	21	rVB	75410	105660	42.04%	3.979%
3	2.418	28	29	32	rBB2	2979	3418	1.36%	0.129%
4	5.344	283	285	291	rBV	100214	114910	45.72%	4.327%
5	5.767	320	322	332	rBB	205485	194113	77.24%	7.309%
6	6.144	353	355	359	rBB	8939	9968	3.97%	0.375%
7	6.773	409	410	416	rBV	173651	196532	78.20%	7.400%
8	6.910	420	422	424	rBV	271089	218857	87.08%	8.241%
9	7.127	440	441	444	rBB	44210	51140	20.35%	1.926%
10	7.287	454	455	458	rBB	157408	158449	63.05%	5.966%
11	7.699	489	491	493	rBV	136571	114574	45.59%	4.314%
12	8.419	552	554	557	rBB	77443	65429	26.03%	2.464%
13	9.493	646	648	650	rBV	275140	217723	86.63%	8.198%
14	9.893	681	683	685	rBB	11479	14446	5.75%	0.544%
15	10.179	706	708	710	rBV	80785	64449	25.64%	2.427%
16	10.968	775	777	780	rBB	105404	95862	38.14%	3.610%
17	11.048	783	784	786	rBB	3900	3517	1.40%	0.132%
18	11.676	837	839	841	rBB	44425	55827	22.21%	2.102%
19	13.311	980	982	985	rBV	244579	250647	99.73%	9.438%
20	14.157	1045	1056	1060	rBV	17248	63339	25.20%	2.385%
21	14.305	1062	1069	1070	rBV3	7680	29930	11.91%	1.127%
22	14.339	1070	1072	1074	rVV2	2922	6709	2.67%	0.253%
23	14.557	1088	1091	1093	rBV	140430	161602	64.30%	6.085%
24	14.751	1097	1108	1114	rBV	18323	85164	33.89%	3.207%
25	14.911	1115	1122	1124	rBV4	4140	15912	6.33%	0.599%
26	14.968	1124	1127	1128	rVV3	4132	8264	3.29%	0.311%
27	15.025	1130	1132	1139	rVB5	8767	26140	10.40%	0.984%
28	15.242	1149	1151	1154	rBV4	3765	7100	2.83%	0.267%
29	15.448	1167	1169	1171	rBV3	2264	4025	1.60%	0.152%
30	15.608	1181	1183	1187	rVB2	3516	6458	2.57%	0.243%
31	15.894	1206	1208	1209	rBV2	3851	6467	2.57%	0.244%
32	16.328	1243	1246	1249	rBV	200090	251316	100.00%	9.463%

LSC Area Percent Report

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Data File : BF080464.D
Acq On : 14 Jul 2015 12:53
Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-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-BF071015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 2655713

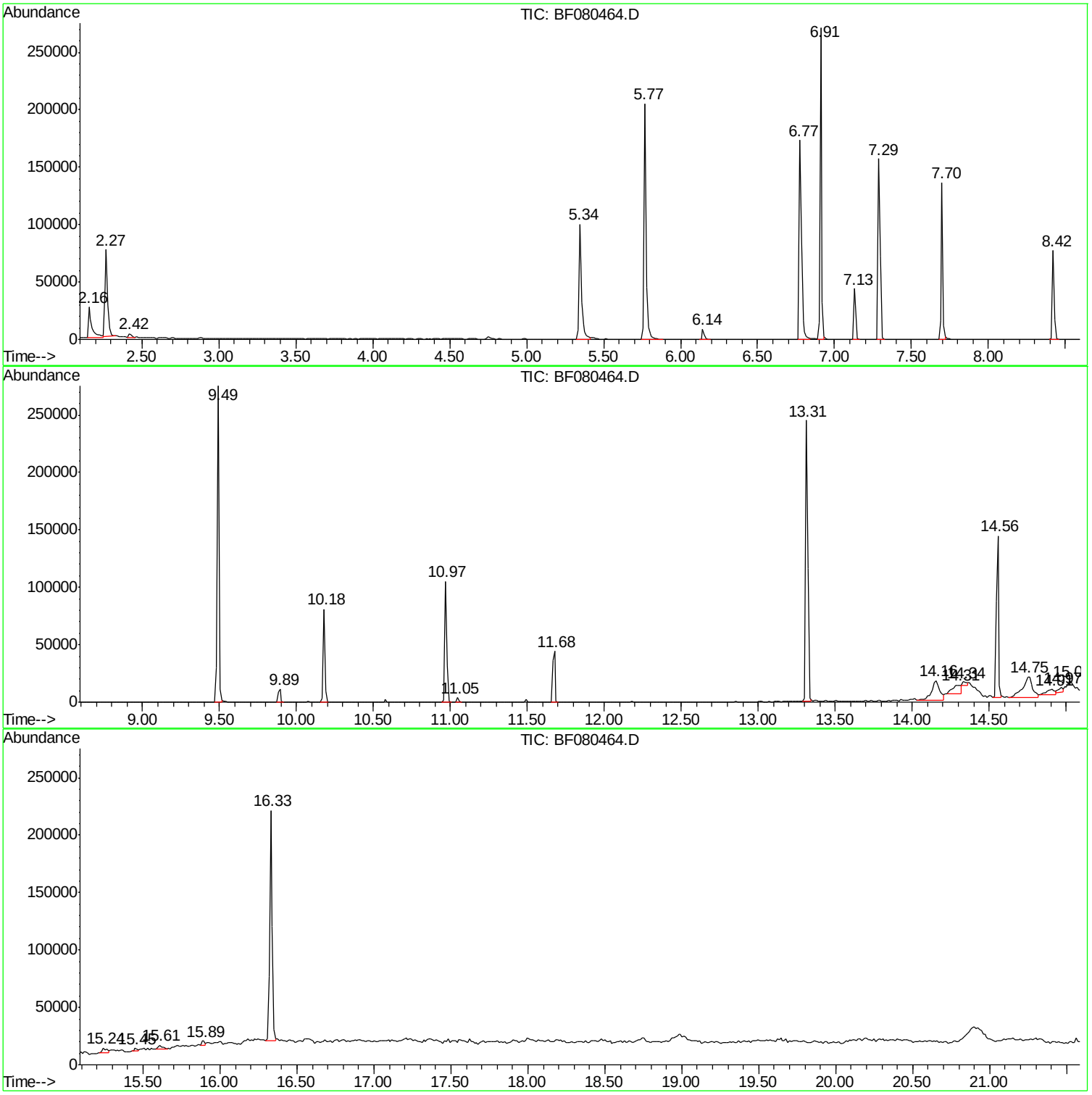
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080464.D
Acq On : 14 Jul 2015 12:53
Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

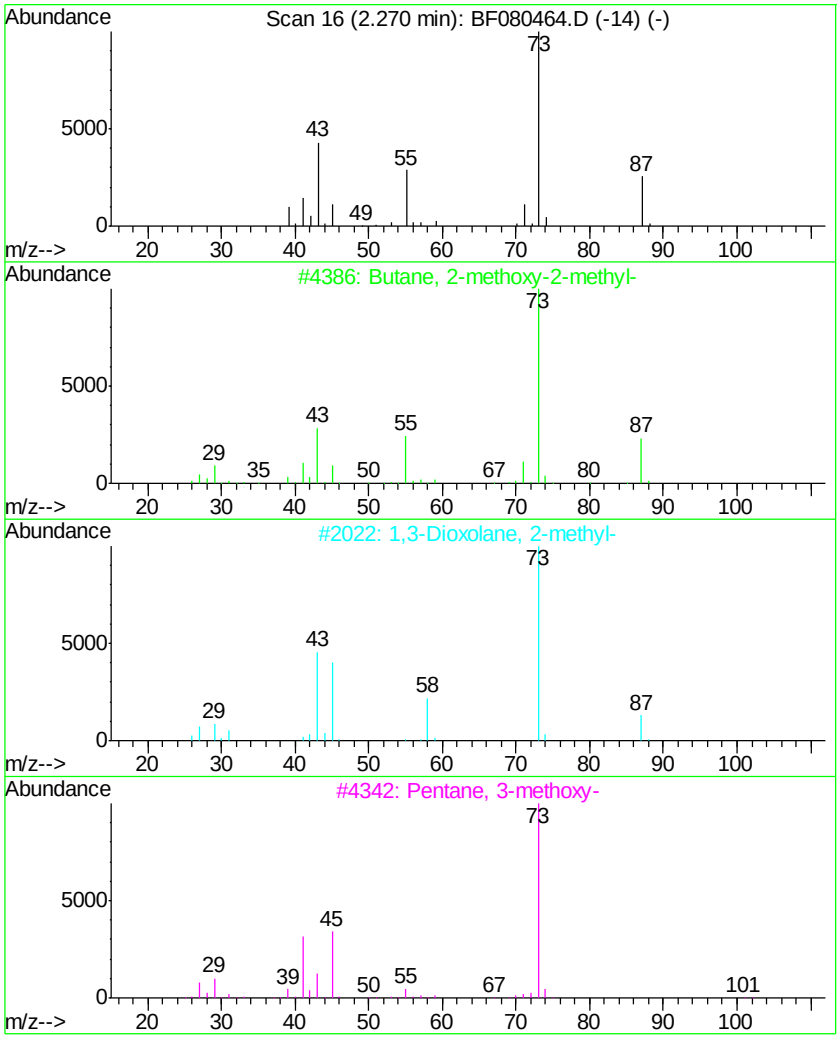
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

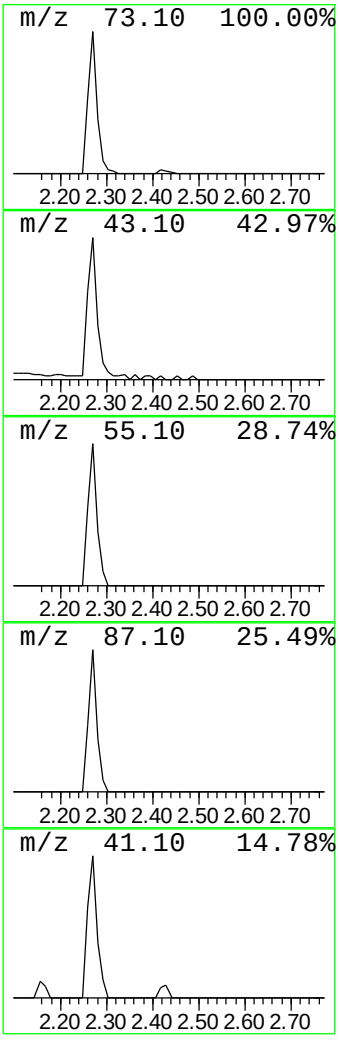
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	41.32 ng	105660	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
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Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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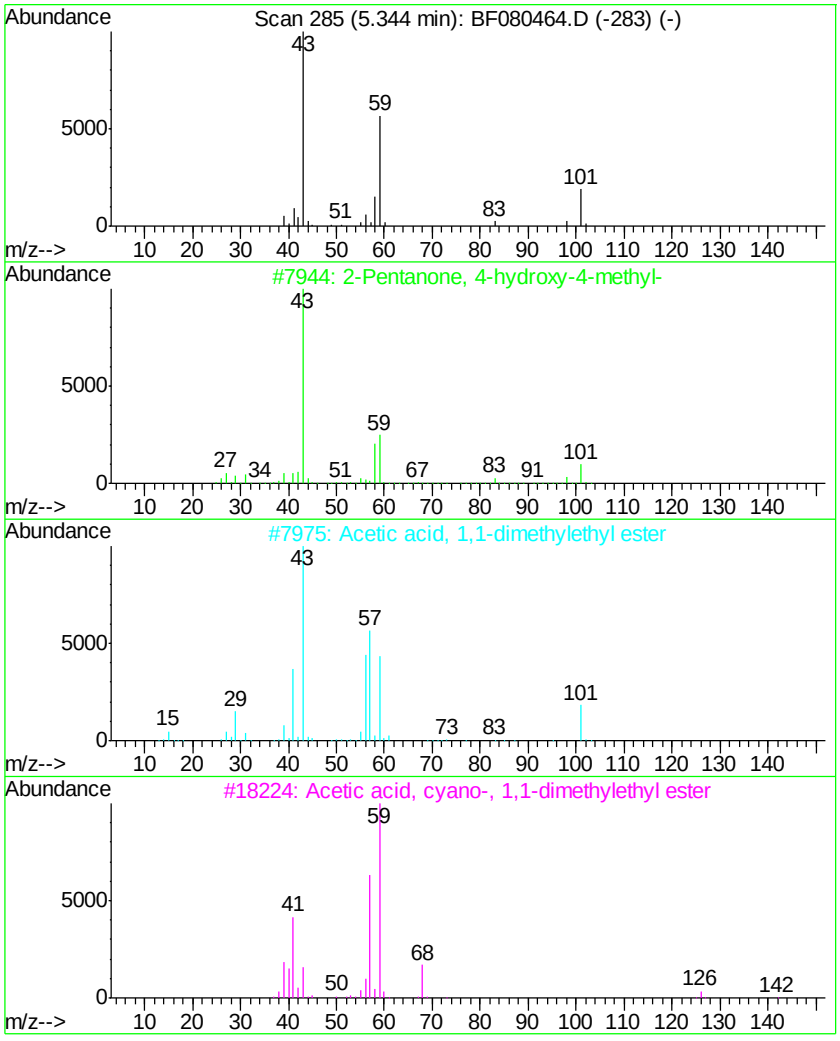
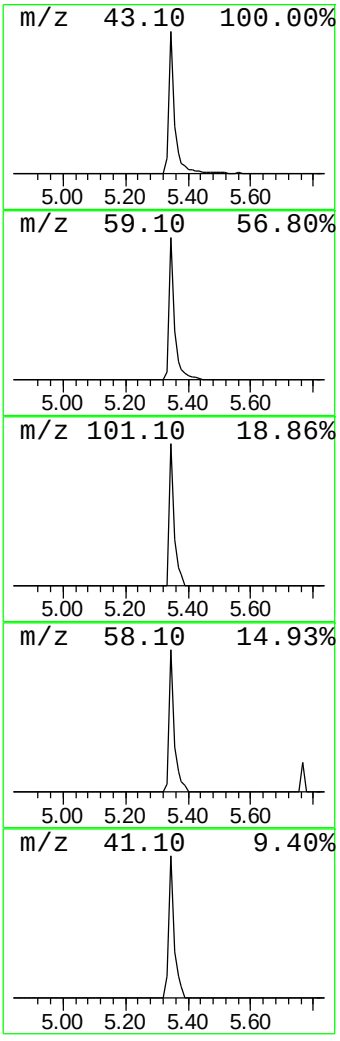
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	44.94 ng	114910	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
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





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Acq On : 14 Jul 2015 12:53
Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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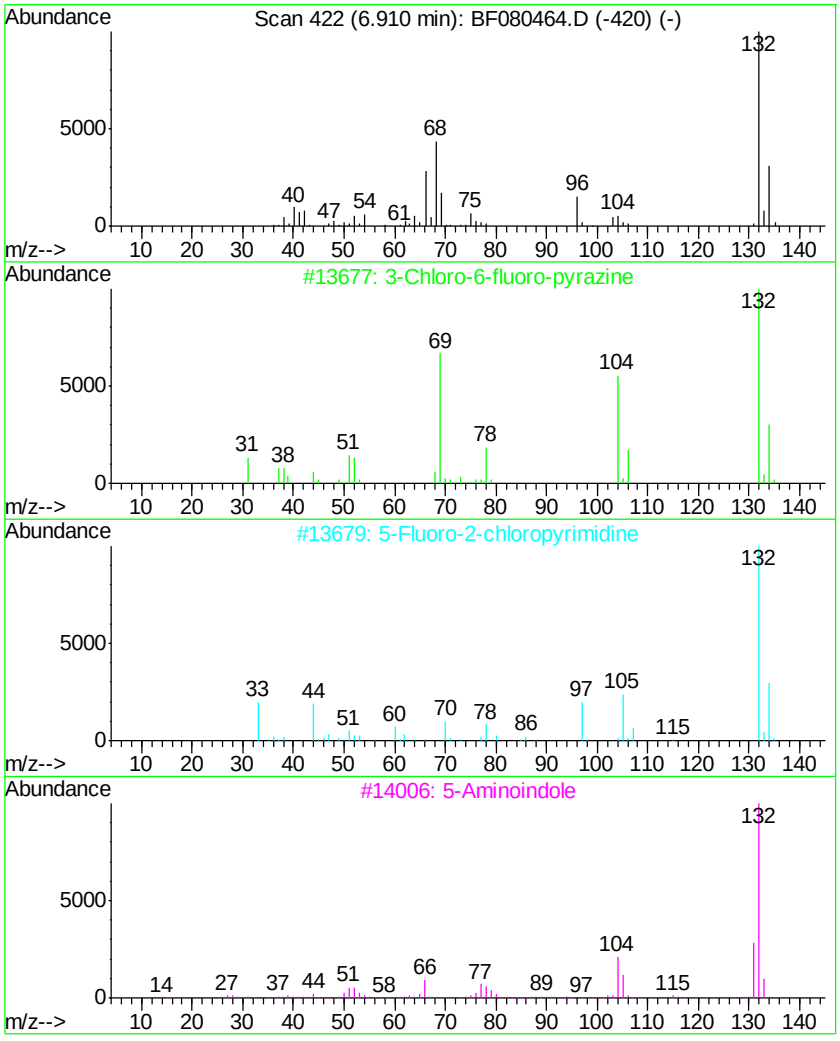
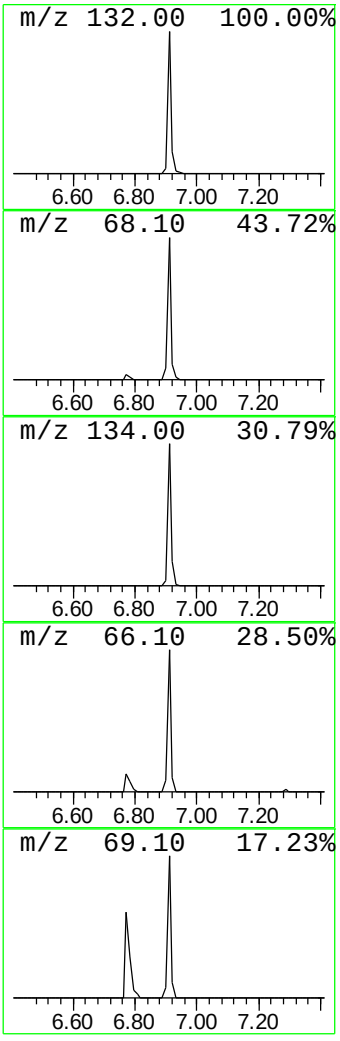
Peak Number 5 unknown6.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	85.59 ng	218857	1,4-Dichlorobenzene-d4	7.13

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	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
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Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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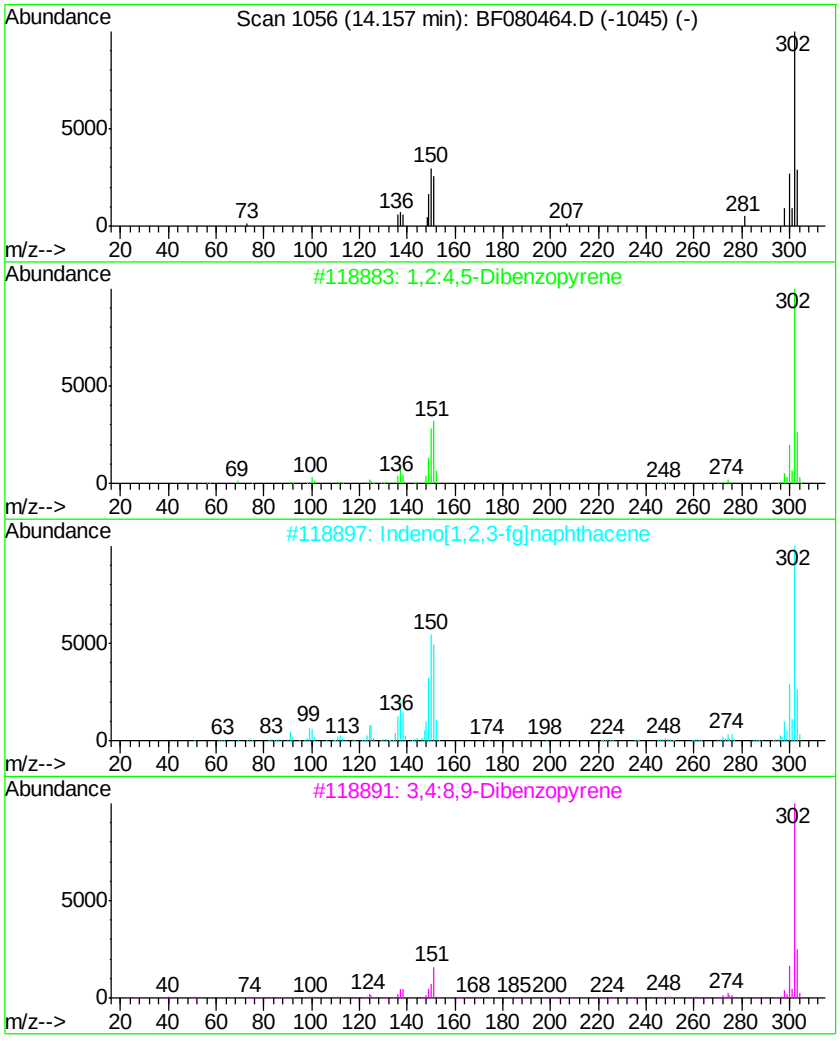
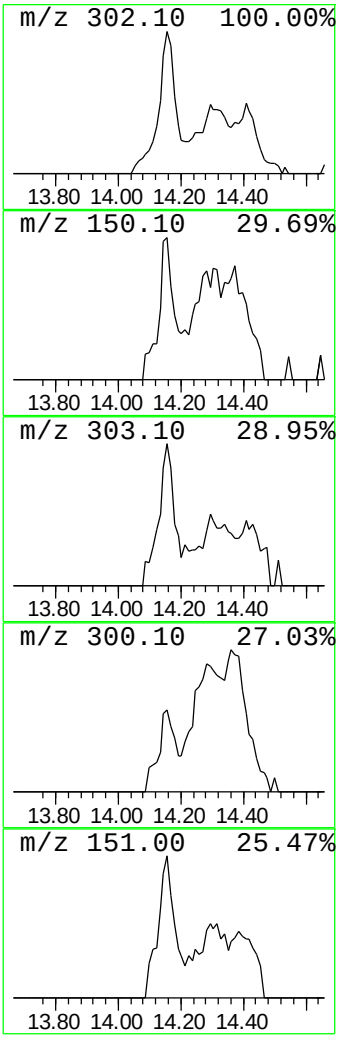
Peak Number 7 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	7.84 ng	63339	Chrysene-d12	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	81
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	50
4	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	40
5	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	38





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Data File : BF080464.D
Acq On : 14 Jul 2015 12:53
Operator : TP/UM
Sample : G2982-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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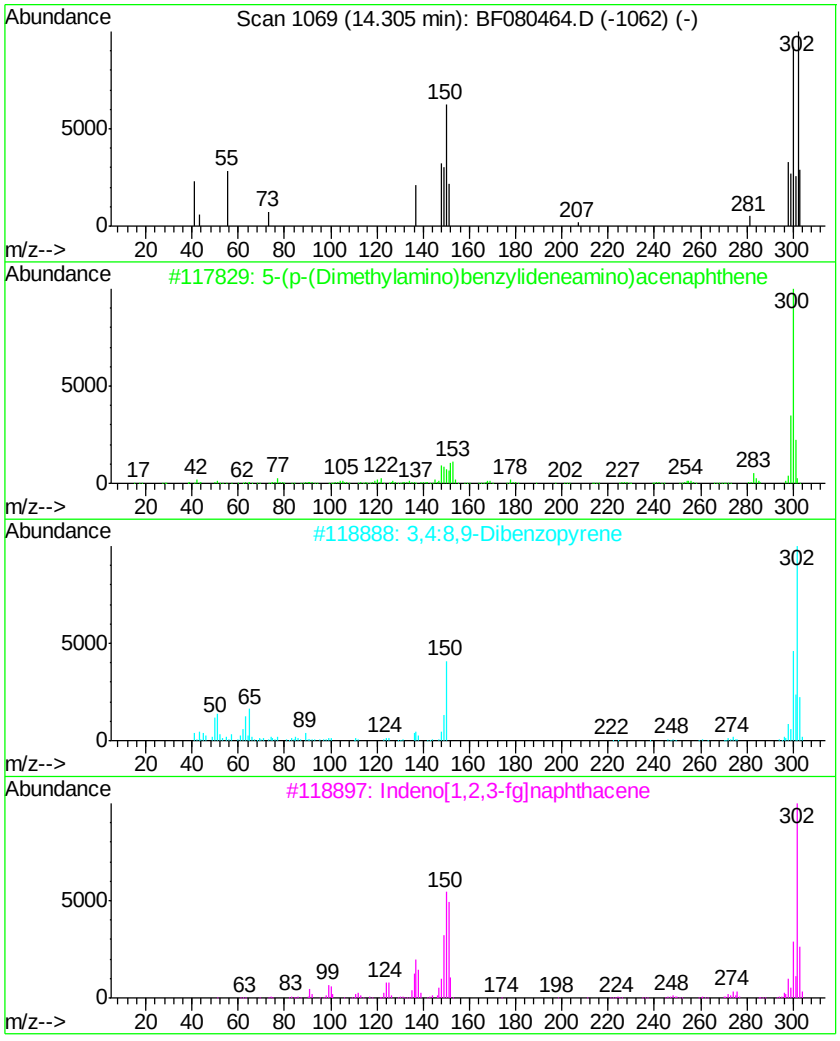
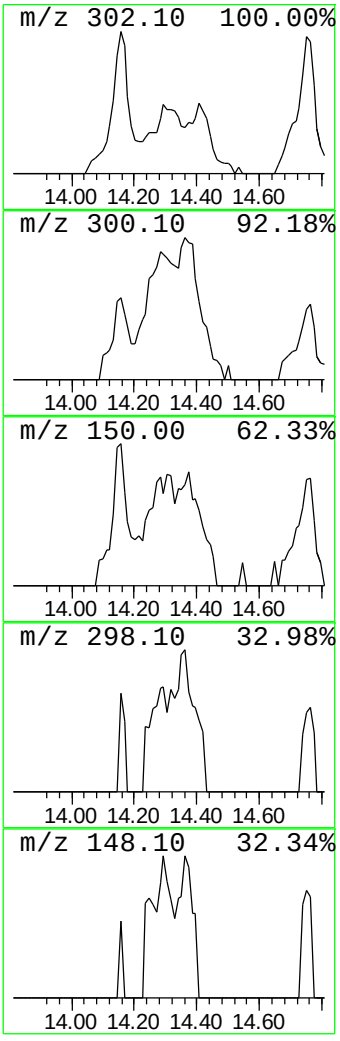
Peak Number 8 unknown14.31 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.70 ng	29930	Chrysene-d12	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(p-(Dimethylamino)benzylidenea...	300	C21H20N2	006256-22-0	46
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	43
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	43
4	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	43
5	Coronene	300	C24H12	000191-07-1	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : DGA-SITE-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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...	2.27	41.3	ng	105660	1	7.13	51140	20.0
2-Pentanone, 4-hy...	5.34	44.9	ng	114910	1	7.13	51140	20.0
unknown6.91	6.91	85.6	ng	218857	1	7.13	51140	20.0
1,2:4,5-Dibenzopy...	14.16	7.8	ng	63339	5	14.56	161602	20.0
unknown14.31	14.31	3.7	ng	29930	5	14.56	161602	20.0