LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

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-BF032416.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	4.996	235	237	244	rBV	73174	103474	3.01%	0.449%
2	5.419	271	274	276	rBV	788774	1130298	32.91%	4.900%
3	6.447	362	364	374	rVB	789261	768610	22.38%	3.332%
4	6.585	374	376	379	rBV	1928501	1988645	57.90%	8.621%
5	6.825	395	397	399	rBV	684424	626396	18.24%	2.715%
6	6.973	408	410	413	rVB	1498869	1989435	57.93%	8.624%
7	7.339	440	442	444	rVB	47393	39923	1.16%	0.173%
8	7.385	444	446	449	rBV	1285088	1668315	48.58%	7.232%
9	7.430	449	450	453	rVB	32983	37574	1.09%	0.163%
10	7.647	466	469	471	rBV	26385	36476	1.06%	0.158%
11	7.682	471	472	474	rVB	36308	37904	1.10%	0.164%
12	7.865	483	488	491	rBV4	18919	48662	1.42%	0.211%
13	8.013	499	501	503	rBV2	39510	71629	2.09%	0.311%
14	8.105	507	509	512	rBV	876275	842930	24.54%	3.654%
15	8.230	517	520	522	rBV3	24747	38854	1.13%	0.168%
16	8.482	539	542	545	rBV4	27001	55850	1.63%	0.242%
17	8.585	549	551	553	rVB	38144	42342	1.23%	0.184%
18	8.642	553	556	557	rBV	94387	84242	2.45%	0.365%
19	8.745	562	565	567	rBV3	25421	59375	1.73%	0.257%
20	8.825	570	572	578	rBV5	39586	128491	3.74%	0.557%
21	8.950	582	583	586	rVB3	35749	55605	1.62%	0.241%
22	9.065	589	593	594	rBV3	29086	60886	1.77%	0.264%
23	9.145	598	600	601	rBV	79439	94522	2.75%	0.410%
24	9.191	601	604	606	rBV	3225794	3434368	100.00%	14.888%
25	9.373	616	620	622	rBV	73929	122499	3.57%	0.531%
26	9.408	622	623	627	rVV2	26344	39617	1.15%	0.172%
27	9.476	627	629	631	rVV	30906	47683	1.39%	0.207%
28	9.522	631	633	636	rVV3	54902	99263	2.89%	0.430%
29	9.579	636	638	641	rVV	218572	207640	6.05%	0.900%
30	9.659	644	645	648	rVV3	33254	65151	1.90%	0.282%
31	9.716	648	650	653	rVB4	17784	37969	1.11%	0.165%
32	9.865	660	663	665	rBV	971073	1002432	29.19%	4.346%
33	9.911	665	667	672	rVB4	39488	54713	1.59%	0.237%
34	10.116	683	685	687	rBV3	39289	70848	2.06%	0.307%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.539	720	722	724	rVB3	32875	40018	1.17%	0.173%
36	10.585	724	726	729	rBV4	31666	56817	1.65%	0.246%
37	10.653	729	732	734	rBV	1956056	2009495	58.51%	8.711%
38	10.768	740	742	747	rVB2	45197	83790	2.44%	0.363%
39	10.859	747	750	752	rBV4	28562	70616	2.06%	0.306%
40	10.996	761	762	765	rVB3	28663	41705	1.21%	0.181%
41	11.099	769	771	774	rBV3	14784	37734	1.10%	0.164%
42	11.214	777	781	783	rVV3	79249	124530	3.63%	0.540%
43	11.282	785	787	790	rVV3	19607	45262	1.32%	0.196%
44	11.339	790	792	795	rVV2	857081	953625	27.77%	4.134%
45	11.396	795	797	808	rVB7	28659	102065	2.97%	0.442%
46	11.682	821	822	827	rVB4	22362	34508	1.00%	0.150%
47	12.048	852	854	860	rBV7	16852	35433	1.03%	0.154%
48	12.928	928	931	934	rBV	3097293	2995688	87.23%	12.987%
49	13.511	980	982	985	rVB	57028	52345	1.52%	0.227%
50	13.980	1020	1023	1025	rBV	503378	701424	20.42%	3.041%
51	15.385	1144	1146	1156	rBV	306279	489850	14.26%	2.124%

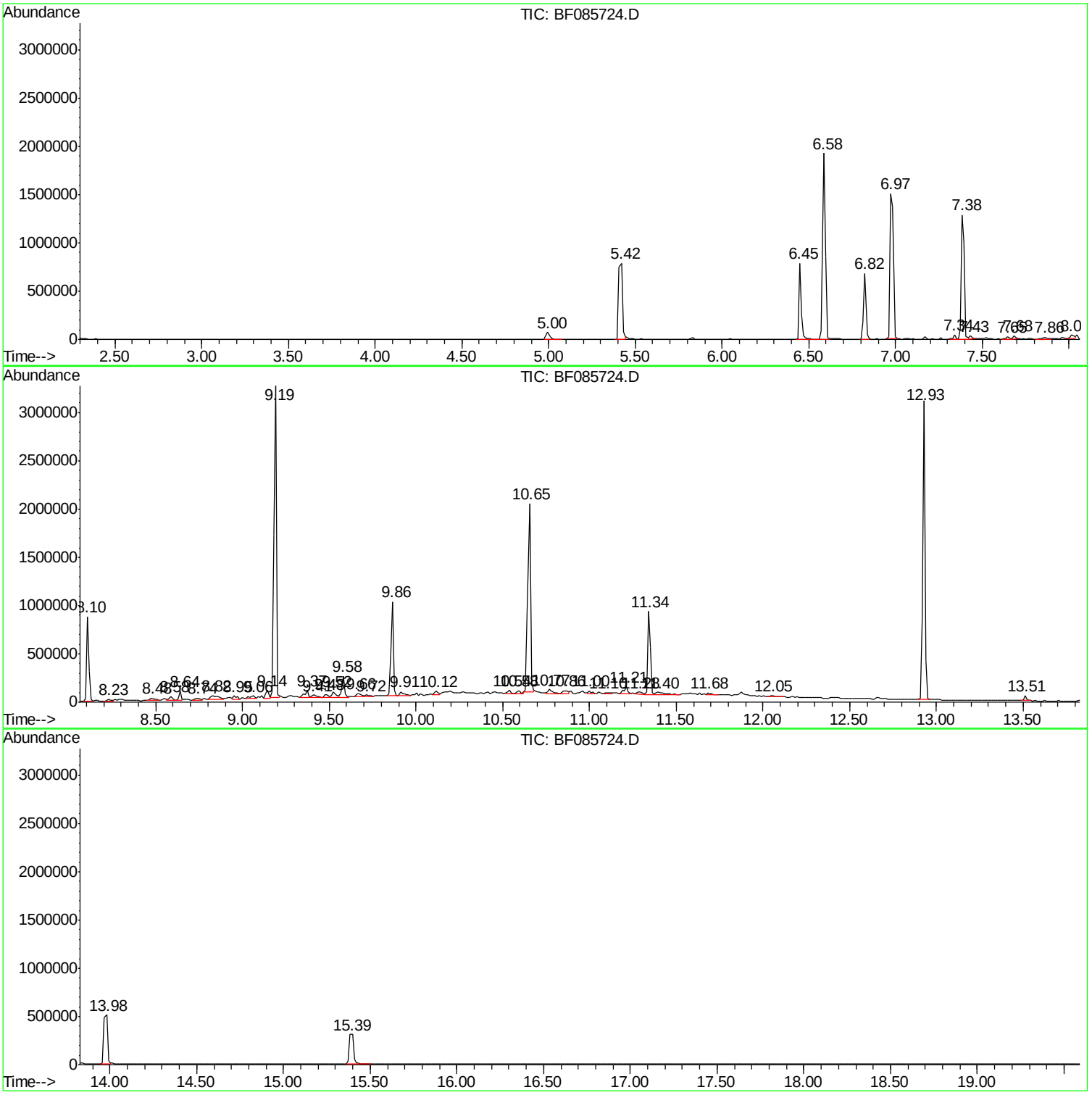
Sum of corrected areas: 23067526

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

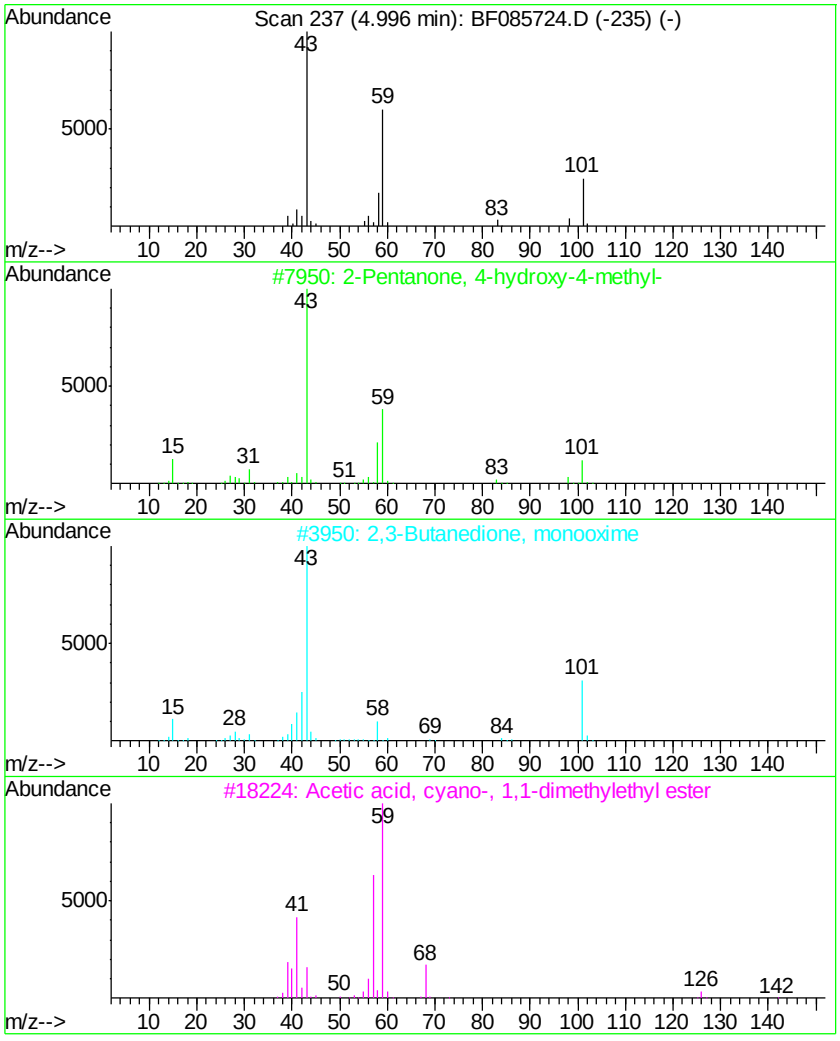
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

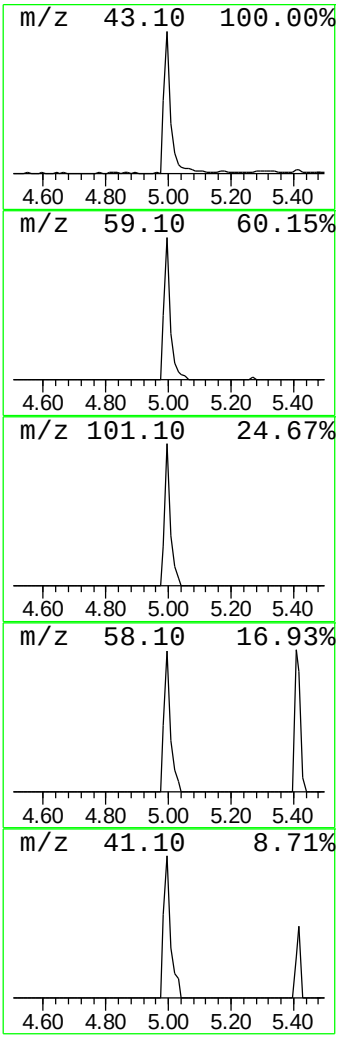
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.30 ng	103474	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

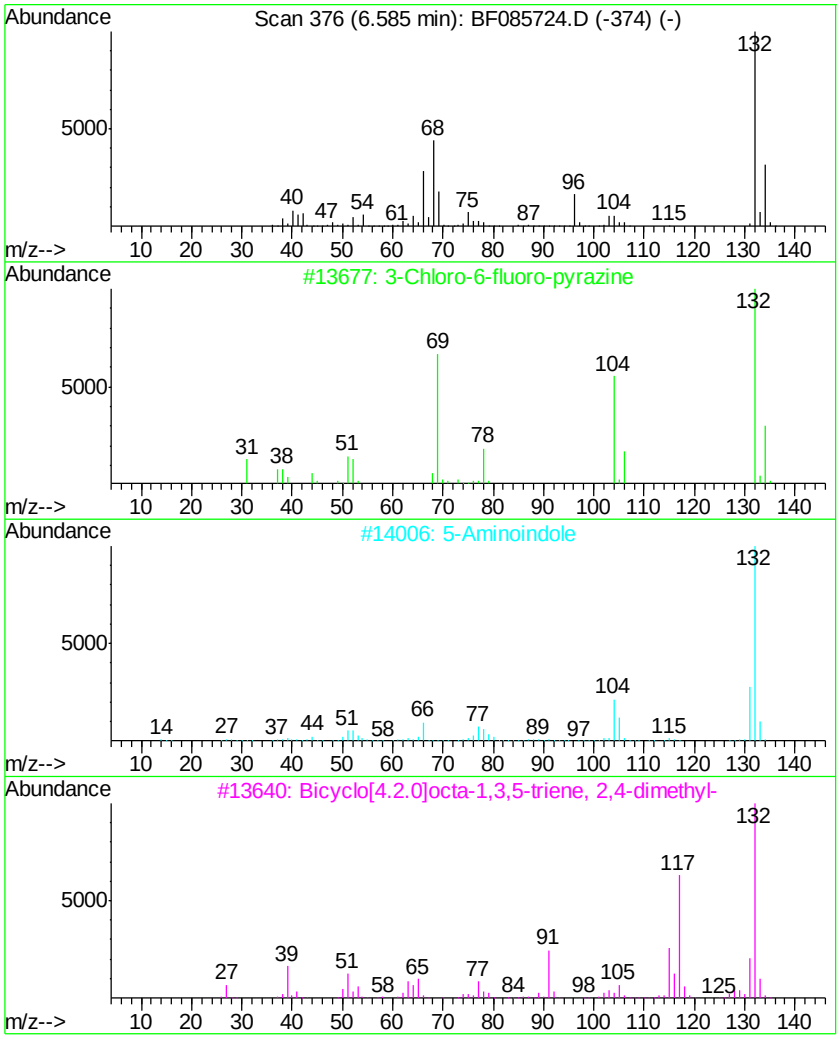
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

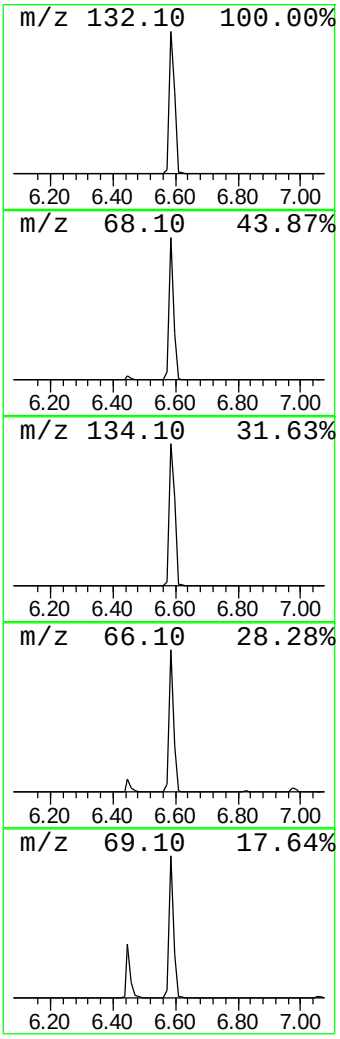
****

Peak Number 2 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	63.49 ng	1988650	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

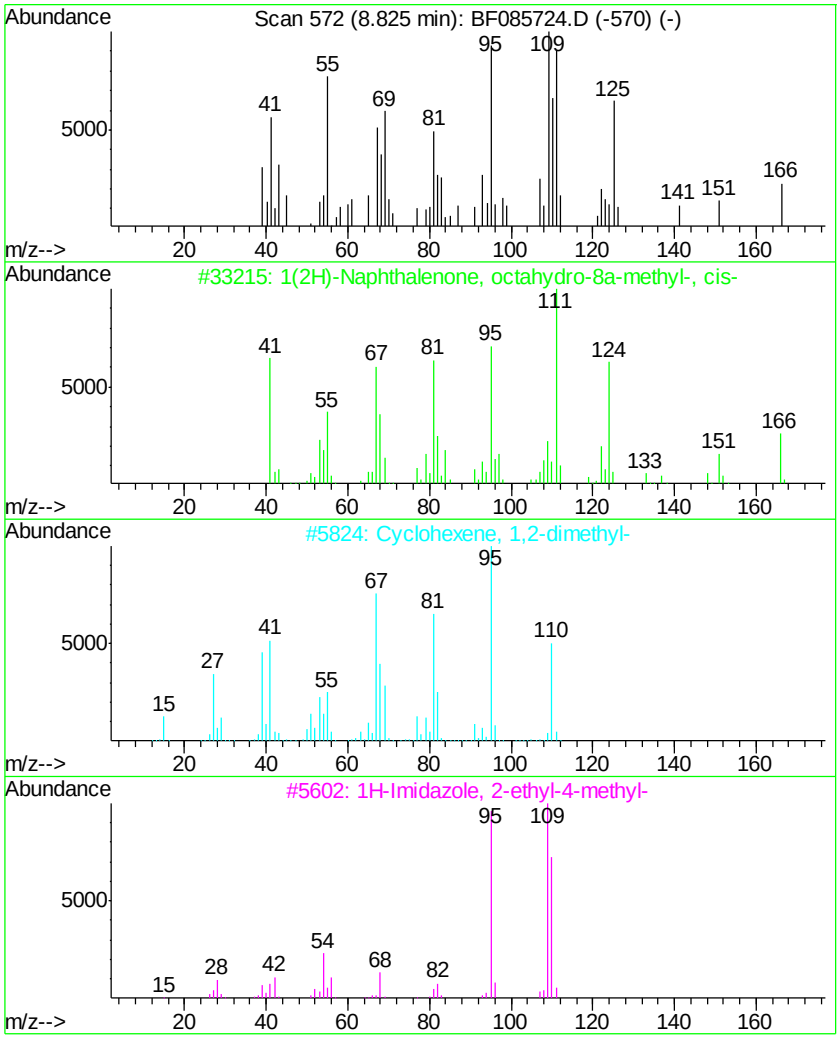
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

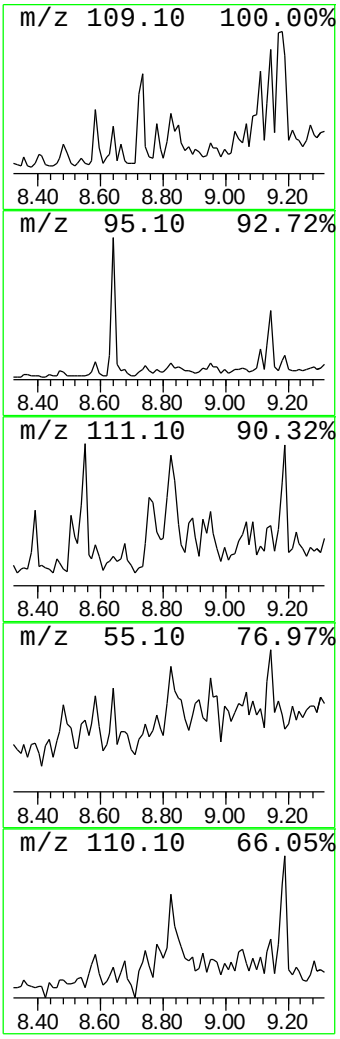
****

Peak Number 4 1(2H)-Naphthalenone, octahy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	3.05 ng	128491	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, octahydro-8...	166	C11H18O	000770-62-7	50
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	42
3	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	38
4	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	30
5	3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

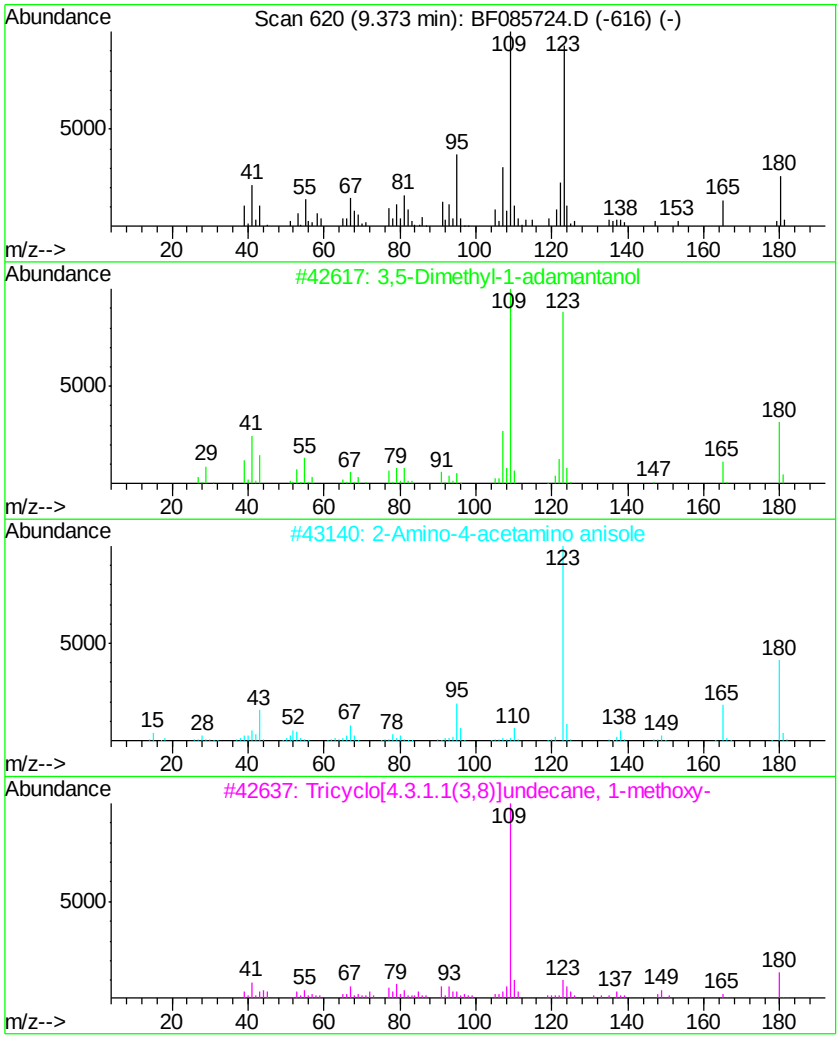
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

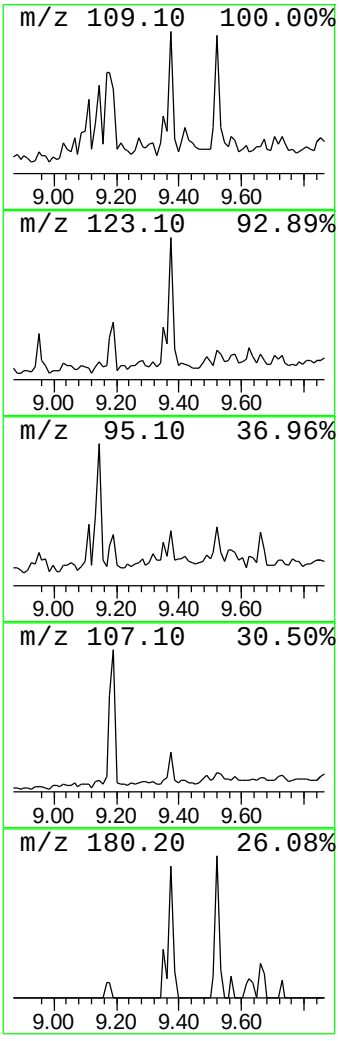
****

Peak Number 5 3,5-Dimethyl-1-adamantanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.44 ng	122499	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	90
2	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	49
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	38
4	Acetamide, N-(2-hydroxyphenyl)-N...	165	C9H11NO2	000573-27-3	35
5	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

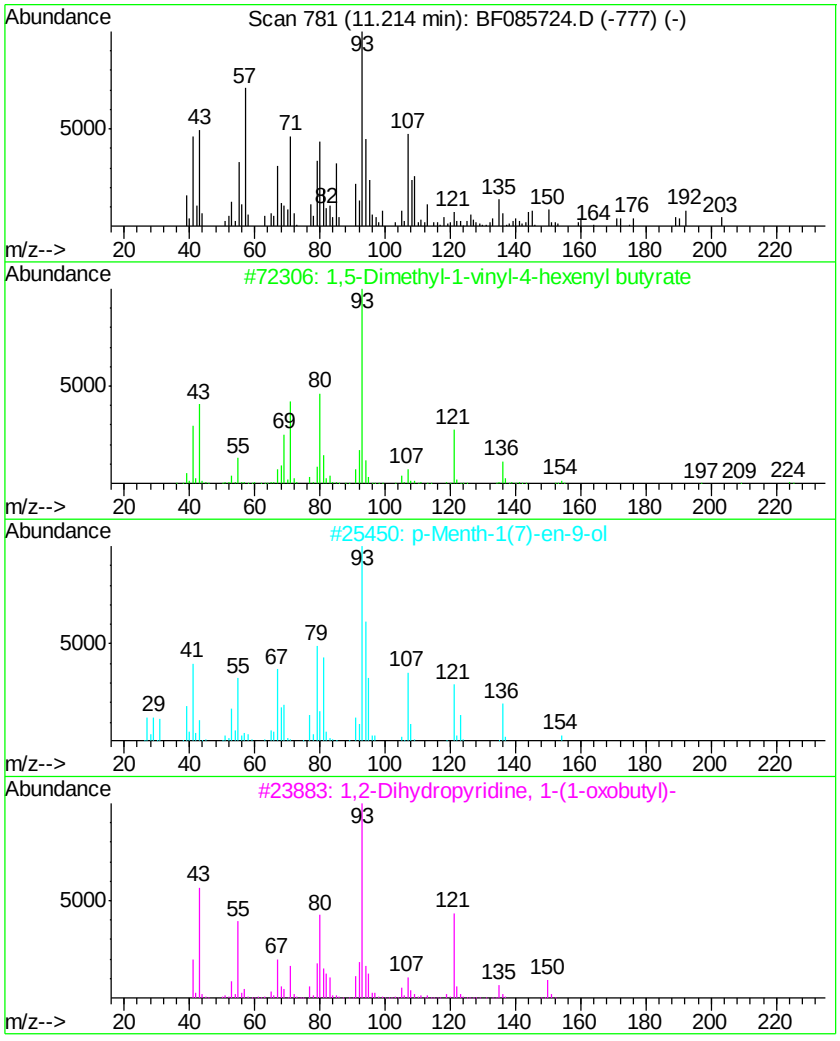
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

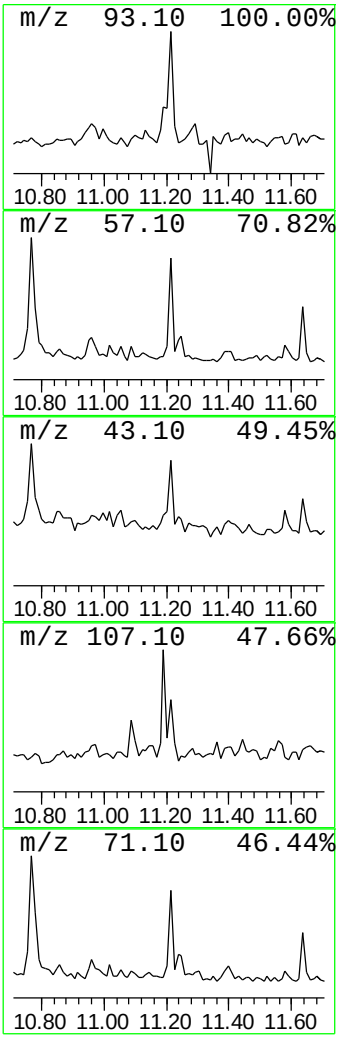
****

Peak Number 6 unknown11.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.61 ng	124530	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dimethyl-1-vinyl-4-hexenyl b...	224	C14H24O2	000078-36-4	43
2	p-Menth-1(7)-en-9-ol	154	C10H18O	029548-16-1	38
3	1,2-Dihydropyridine, 1-(1-oxobut...	151	C9H13NO	1000132-46-2	35
4	p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	35
5	Cyclohexane, 4-methyl-2-methylen...	150	C11H18	056763-62-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

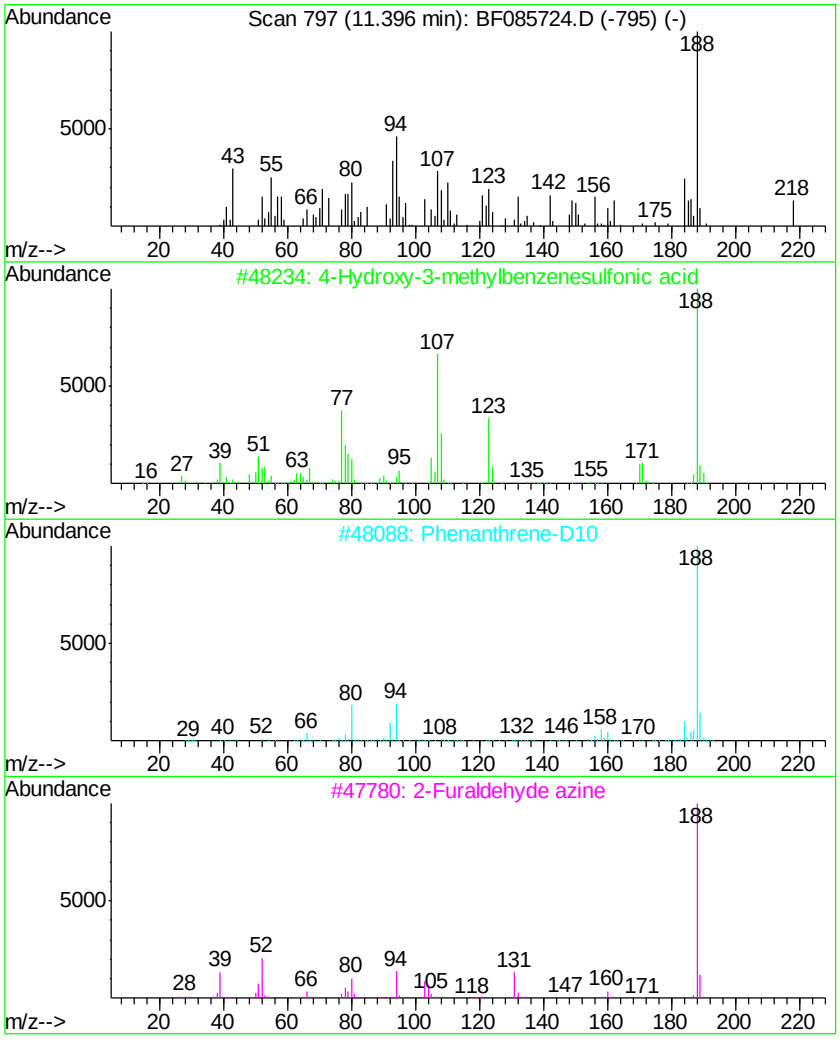
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

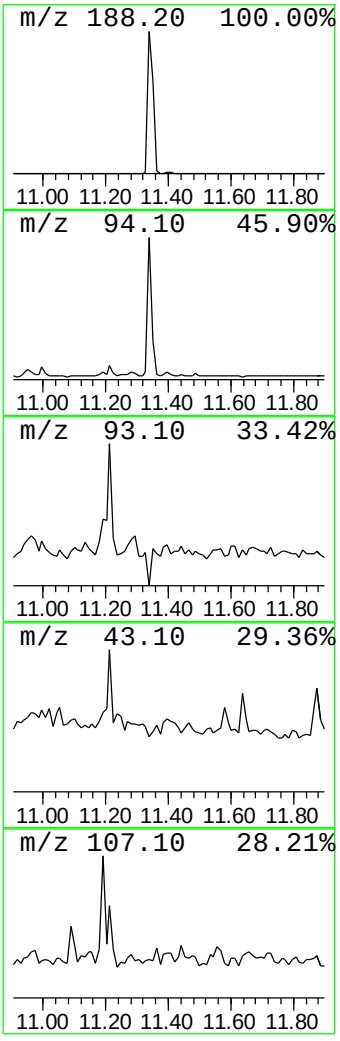
****

Peak Number 7 unknown11.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.14 ng	102065	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylbenzenesulfoni...	188	C7H8O4S	007134-04-5	38
2	Phenanthrene-D10	188	C14D10	001517-22-2	32
3	2-Furaldehyde azine	188	C10H8N2O2	005428-37-5	27
4	Anthracene-D10-	188	C14D10	001719-06-8	23
5	Lepidine, 8-nitro-	188	C10H8N2O2	002801-29-8	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085724.D
Acq On : 24 Mar 2016 20:11
Operator : UM/SJ
Sample : H1864-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	3.3	ng	103474	1	6.82	626396	20.0
unknown6.58	6.58	63.5	ng	1988650	1	6.82	626396	20.0
1(2H)-Naphthaleno...	8.82	3.0	ng	128491	2	8.10	842930	20.0
3,5-Dimethyl-1-ad...	9.37	2.4	ng	122499	3	9.86	1002430	20.0
unknown11.21	11.21	2.6	ng	124530	4	11.34	953625	20.0
unknown11.40	11.40	2.1	ng	102065	4	11.34	953625	20.0