LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-FIELDBLANK-042216

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-BF042716.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	4.967	250	252	259	rBV	64242	79860	1.93%	0.284%
2	5.390	286	289	291	rBV	1620864	1583501	38.19%	5.637%
3	6.430	377	380	382	rBV	1002320	1040510	25.09%	3.704%
4	6.567	389	392	394	rBV	3066229	2976775	71.79%	10.597%
5	6.796	410	412	415	rBV	516678	714124	17.22%	2.542%
6	6.956	423	426	429	rBV	2671630	2633034	63.50%	9.373%
7	7.367	459	462	482	rBV	2104180	2569934	61.98%	9.148%
8	8.087	522	525	527	rBV	1036395	979440	23.62%	3.487%
9	9.162	616	619	622	rBV	2803731	4083934	98.49%	14.538%
10	9.836	676	678	681	rBV	1121935	1142478	27.55%	4.067%
11	10.625	744	747	750	rBV2	2126646	2564602	61.85%	9.129%
12	11.322	806	808	810	rBV	1096350	1116724	26.93%	3.975%
13	11.528	824	826	838	rVB	197096	249806	6.02%	0.889%
14	12.682	925	927	937	rBV	160458	234006	5.64%	0.833%
15	12.911	944	947	949	rBV	3828934	4146687	100.00%	14.761%
16	13.688	1013	1015	1022	rBV	35329	64035	1.54%	0.228%
17	13.951	1035	1038	1052	rBV	889769	1070017	25.80%	3.809%
18	15.357	1158	1161	1177	rBV	520786	779799	18.81%	2.776%
19	15.802	1191	1200	1206	rBV3	15485	62135	1.50%	0.221%

Sum of corrected areas: 28091401

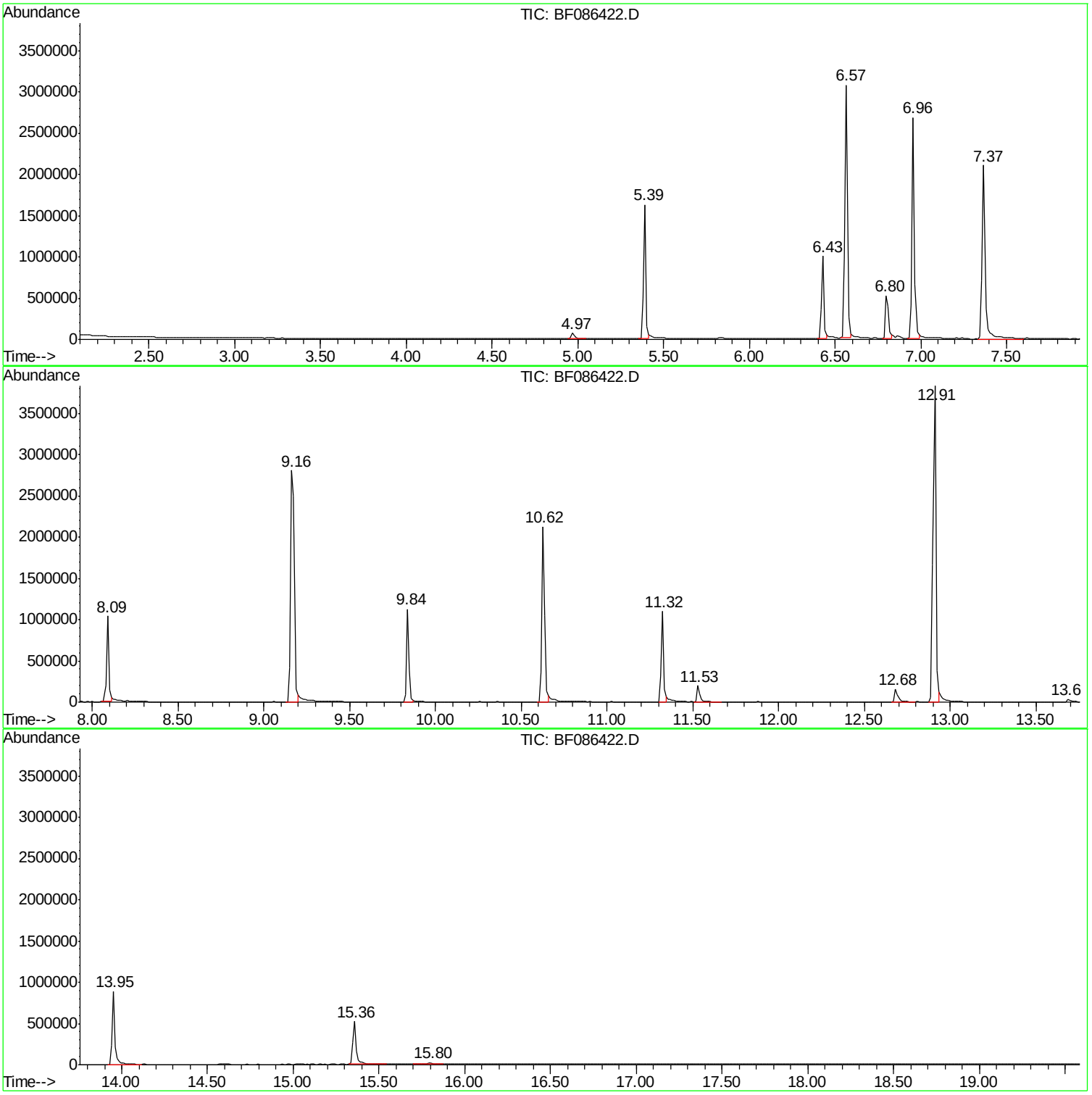
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

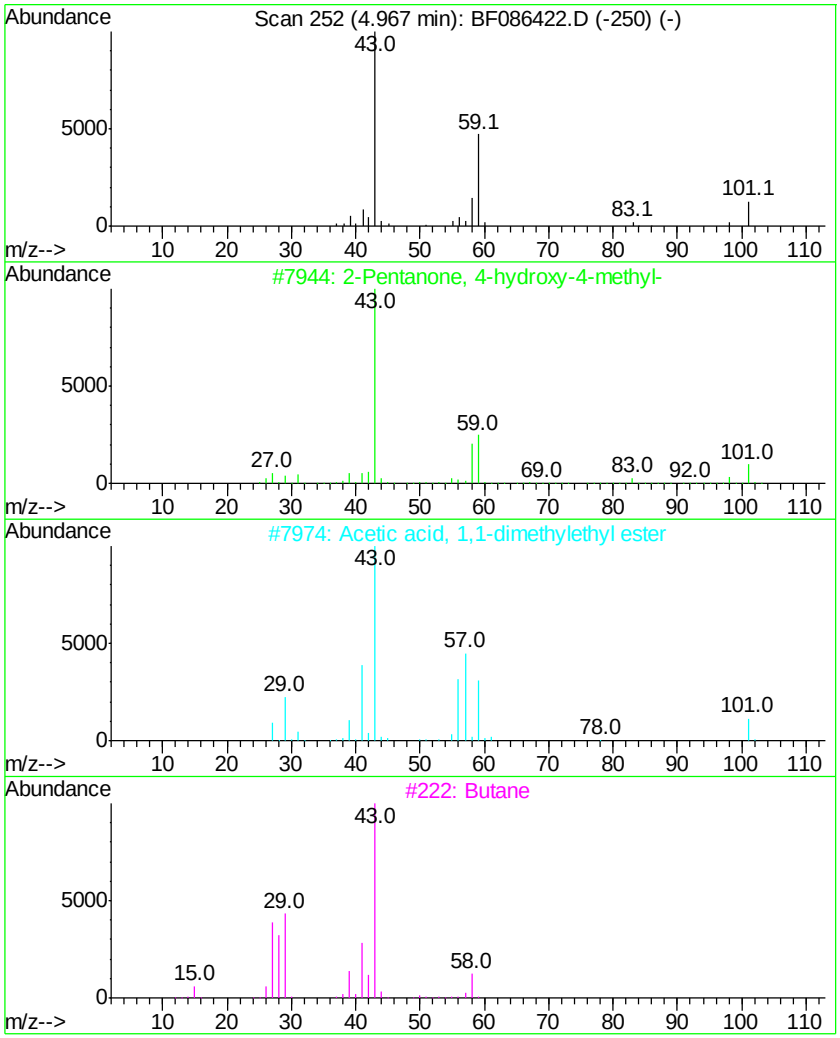
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

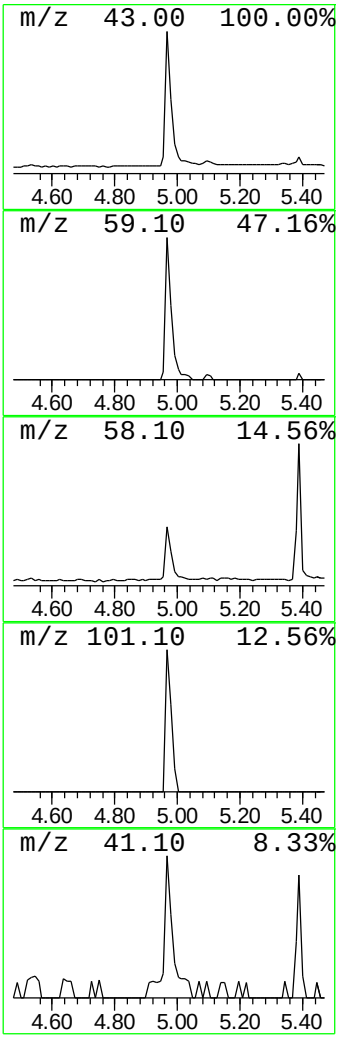
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.24 ng	79860	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

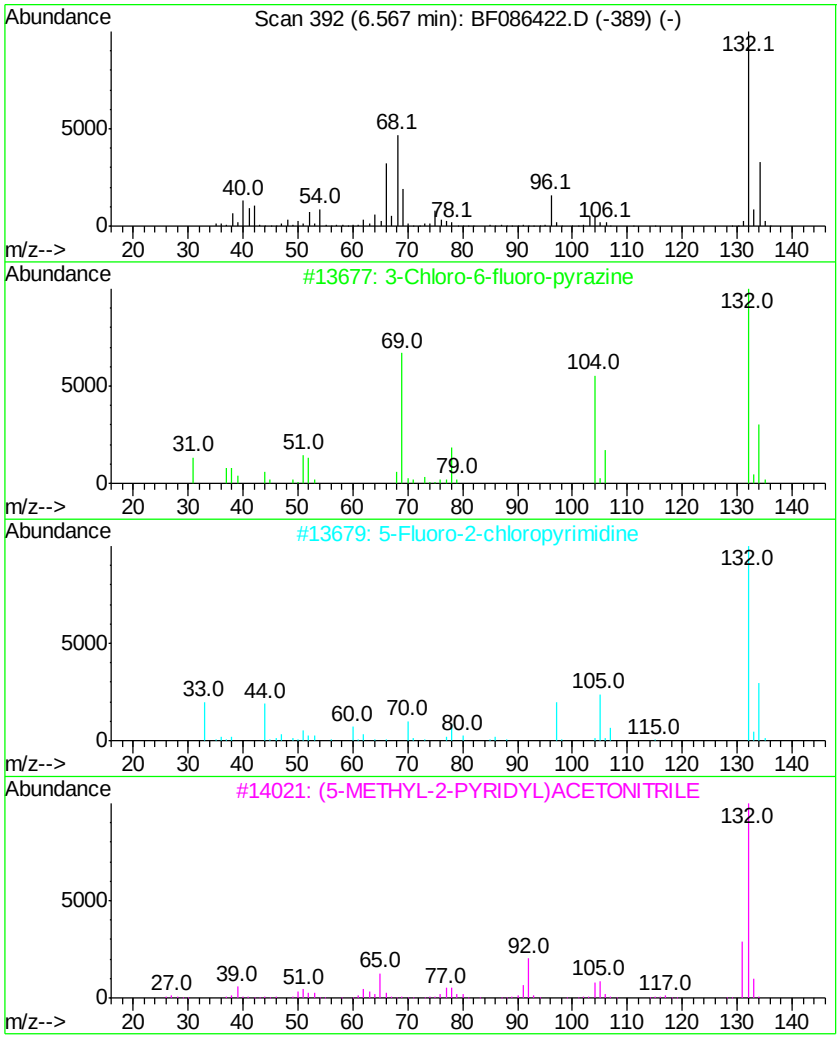
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

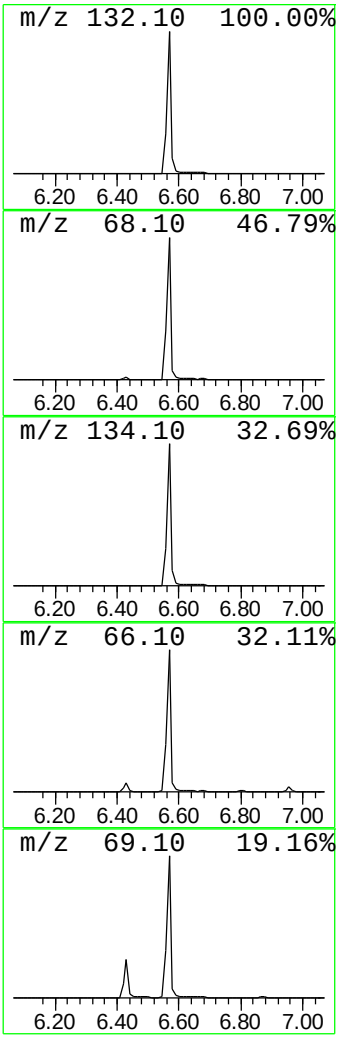
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	83.37 ng	2976780	1,4-Dichlorobenzene-d4	6.81

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	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

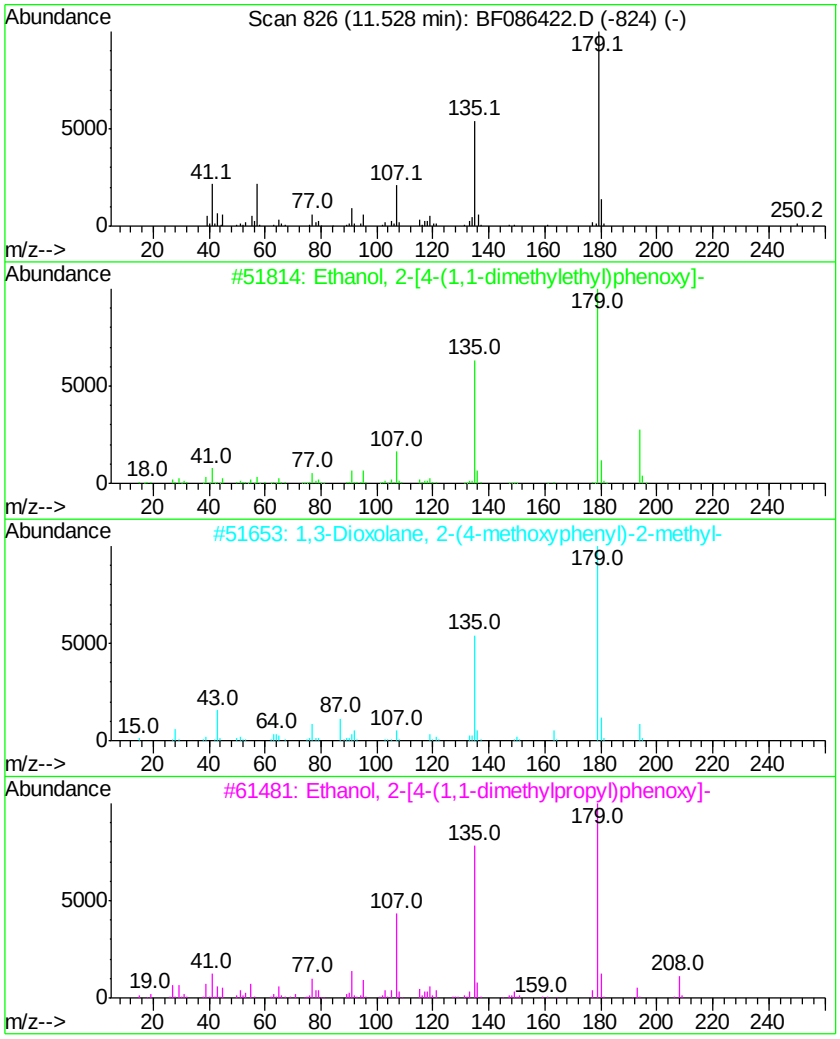
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

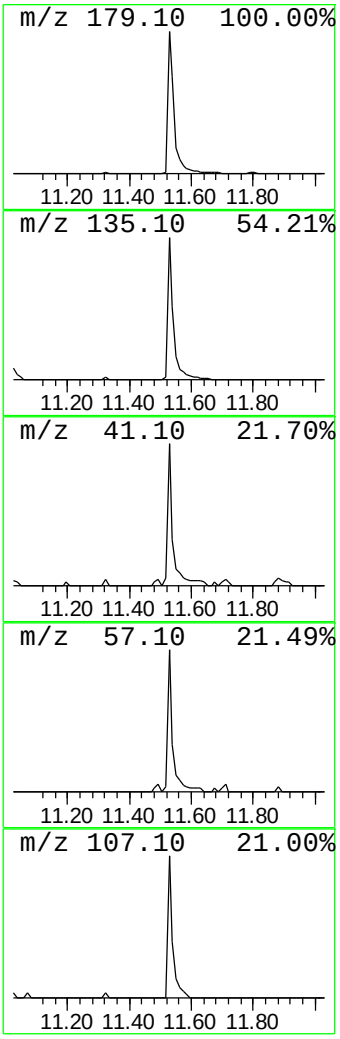
****

Peak Number 4 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	4.47 ng	249806	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	86
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	64
3	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	47
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	35
5	4-Methoxy-3-methylphenylacetic acid	180	C10H12O3	004513-73-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

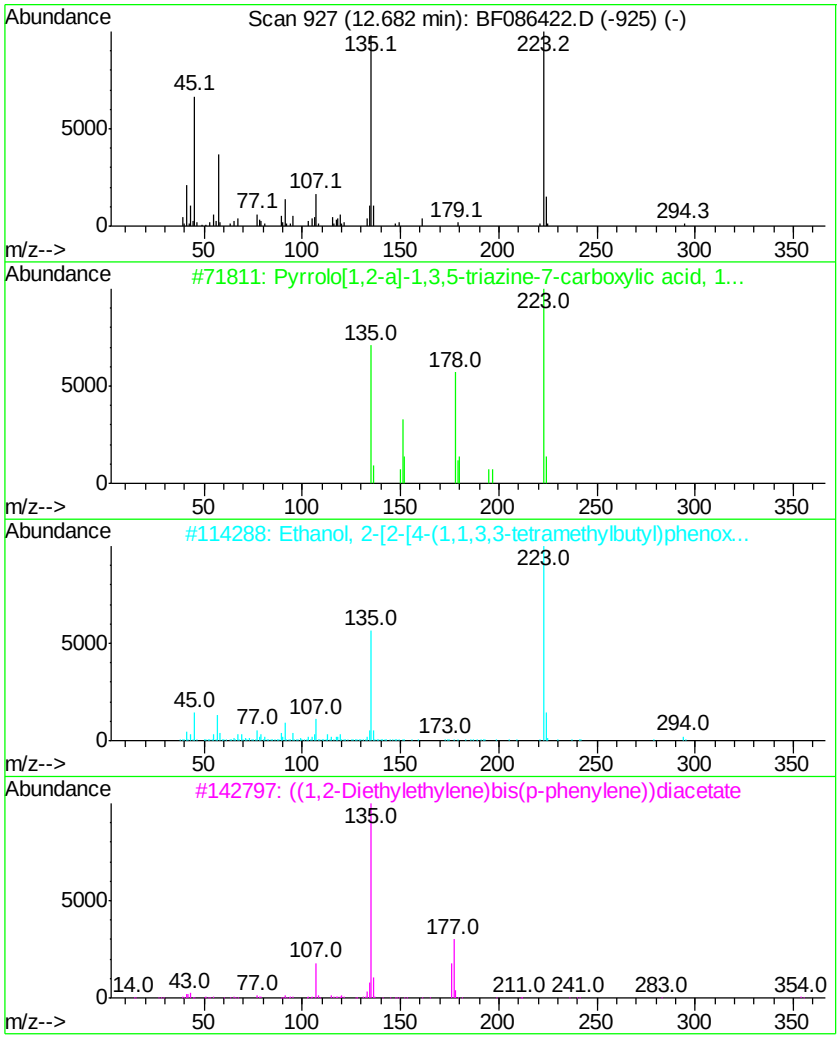
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

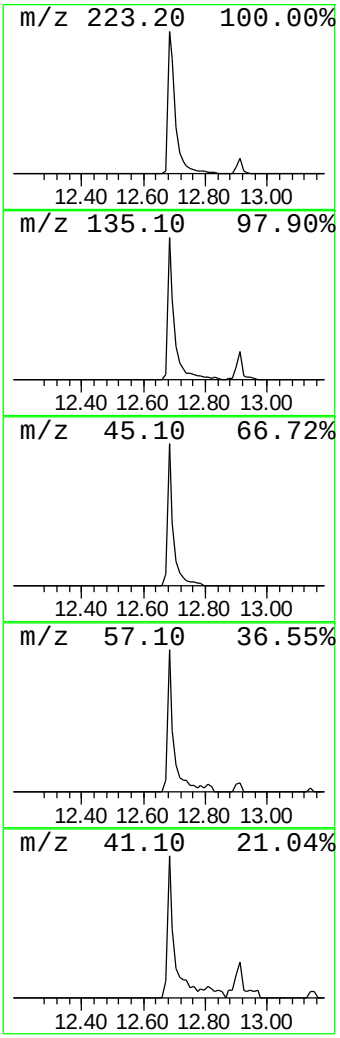
****

Peak Number 5 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.37 ng	234006	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	58
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	35
4	Propargite	350	C19H26O4S	002312-35-8	35
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086422.D
Acq On : 27 Apr 2016 14:16
Operator : UM/SJ
Sample : H2715-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-FIELDBLANK-042216

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.97	2.2	ng	79860	1	6.81	714124	20.0
unknown6.57	6.57	83.4	ng	2976780	1	6.81	714124	20.0
Ethanol, 2-[4-(1,...	11.53	4.5	ng	249806	4	11.32	1116720	20.0
Pyrrolo[1,2-a]-1,...	12.68	4.4	ng	234006	5	13.95	1070020	20.0