LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

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-BF121315.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	5.070	259	261	264	rBV	157457	228101	5.96%	0.850%
2	5.367	284	287	289	rVB	187605	214805	5.62%	0.800%
3	5.504	296	299	301	rVB	1074853	1441417	37.69%	5.369%
4	6.064	346	348	350	rBV	150174	125884	3.29%	0.469%
5	6.453	380	382	386	rVB	38334	49081	1.28%	0.183%
6	6.522	386	388	390	rVV	1126191	956717	25.02%	3.564%
7	6.670	398	401	403	rBV	2137546	2514847	65.76%	9.368%
8	6.899	419	421	423	rBV	847287	703401	18.39%	2.620%
9	7.059	432	435	436	rVV	2418698	2324989	60.79%	8.660%
10	7.082	436	437	439	rVV	76732	56364	1.47%	0.210%
11	7.150	441	443	446	rVB2	118810	129788	3.39%	0.483%
12	7.219	447	449	454	rBV2	53945	89132	2.33%	0.332%
13	7.299	454	456	459	rVB	68786	56500	1.48%	0.210%
14	7.459	467	470	473	rVB	1788749	1951637	51.03%	7.270%
15	7.859	501	505	508	rVB	181132	177460	4.64%	0.661%
16	7.928	508	511	513	rBV2	135311	191315	5.00%	0.713%
17	7.962	513	514	518	rVB3	25061	39042	1.02%	0.145%
18	8.179	531	533	536	rBV	891001	912669	23.86%	3.400%
19	8.236	536	538	541	rVB	43066	61092	1.60%	0.228%
20	9.265	625	628	630	rBV	3649808	3824557	100.00%	14.246%
21	9.653	659	662	663	rBV	61276	56218	1.47%	0.209%
22	9.939	684	687	689	rVB	1171884	1108184	28.98%	4.128%
23	10.373	724	725	727	rVB	46049	42391	1.11%	0.158%
24	10.728	753	756	758	rBV	1988596	2454939	64.19%	9.144%
25	10.854	765	767	771	rVB	37975	67210	1.76%	0.250%
26	11.414	814	816	819	rBV	1016016	1037050	27.12%	3.863%
27	11.631	832	835	837	rBV	115664	101345	2.65%	0.377%
28	12.785	933	936	938	rBV	114634	155327	4.06%	0.579%
29	13.002	952	955	958	rBV	3241743	3815745	99.77%	14.213%
30	13.780	1021	1023	1027	rBV	74242	84288	2.20%	0.314%
31	13.894	1031	1033	1038	rVV2	61562	84640	2.21%	0.315%
32	14.042	1044	1046	1049	rBV	897654	1002635	26.22%	3.735%
33	14.900	1119	1121	1124	rVB	28457	40393	1.06%	0.150%
34	15.483	1169	1172	1175	rBV	630983	747256	19.54%	2.783%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 26846419

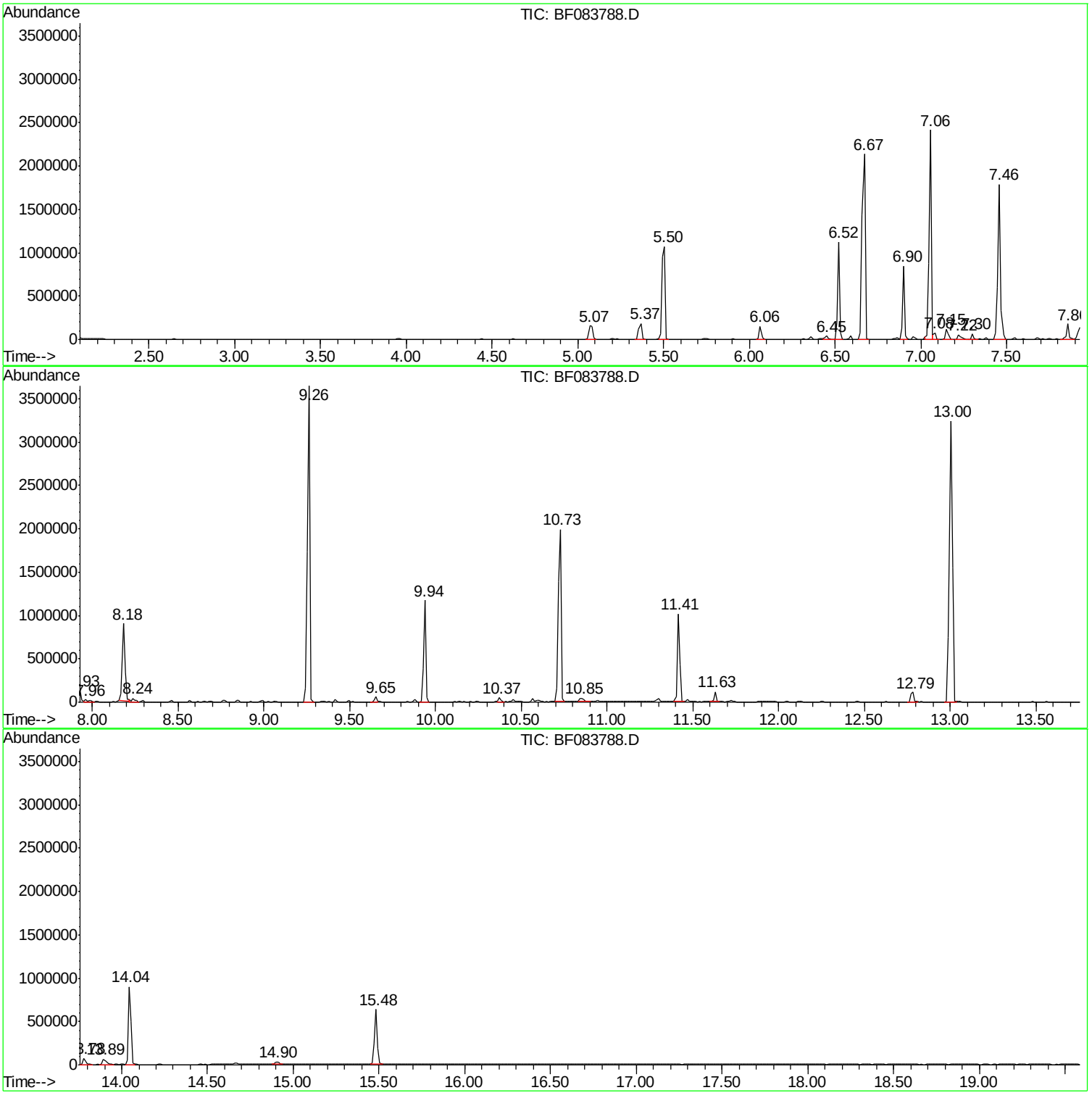
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

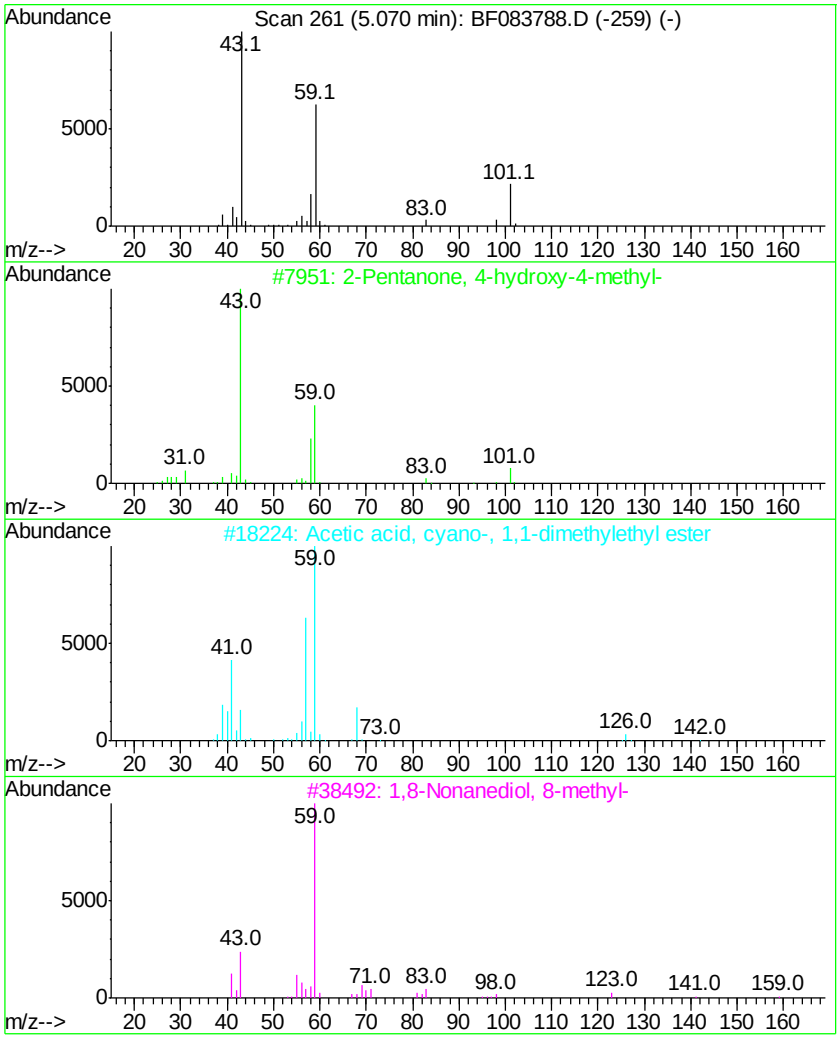
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

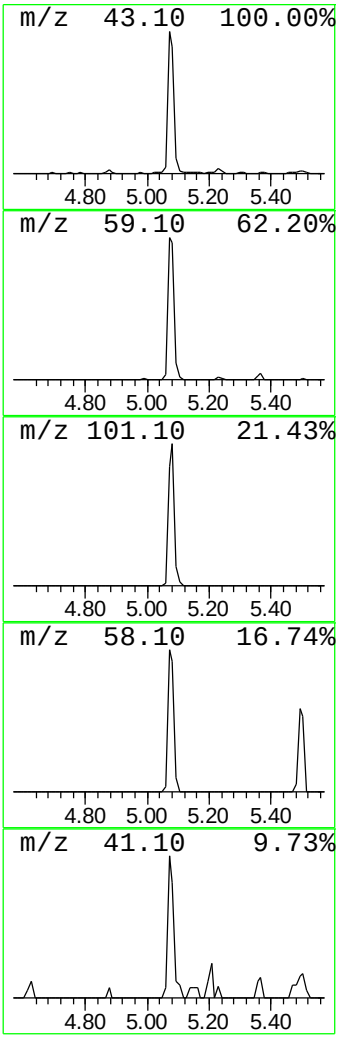
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.49 ng	228101	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

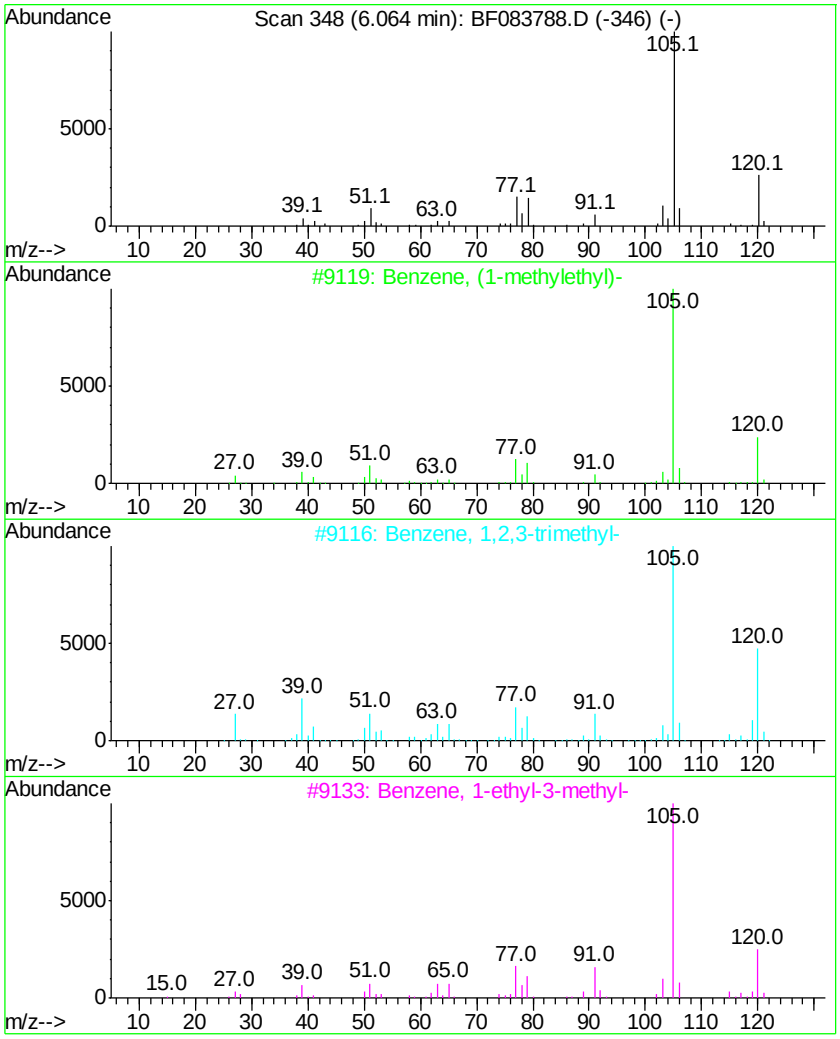
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

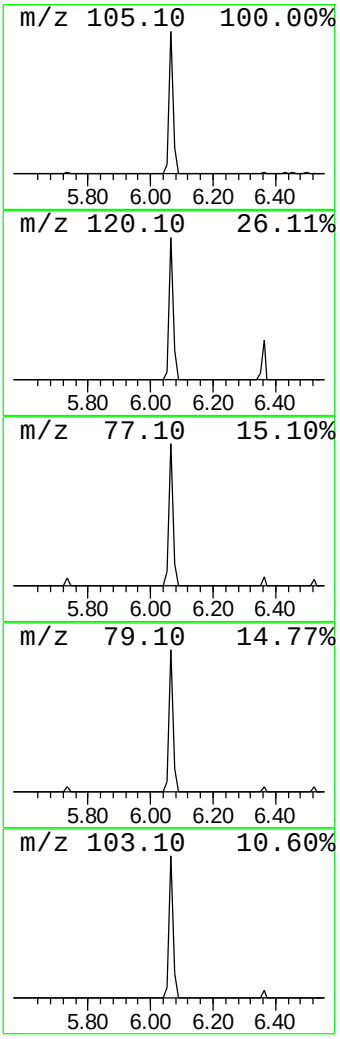
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	3.58 ng	125884	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

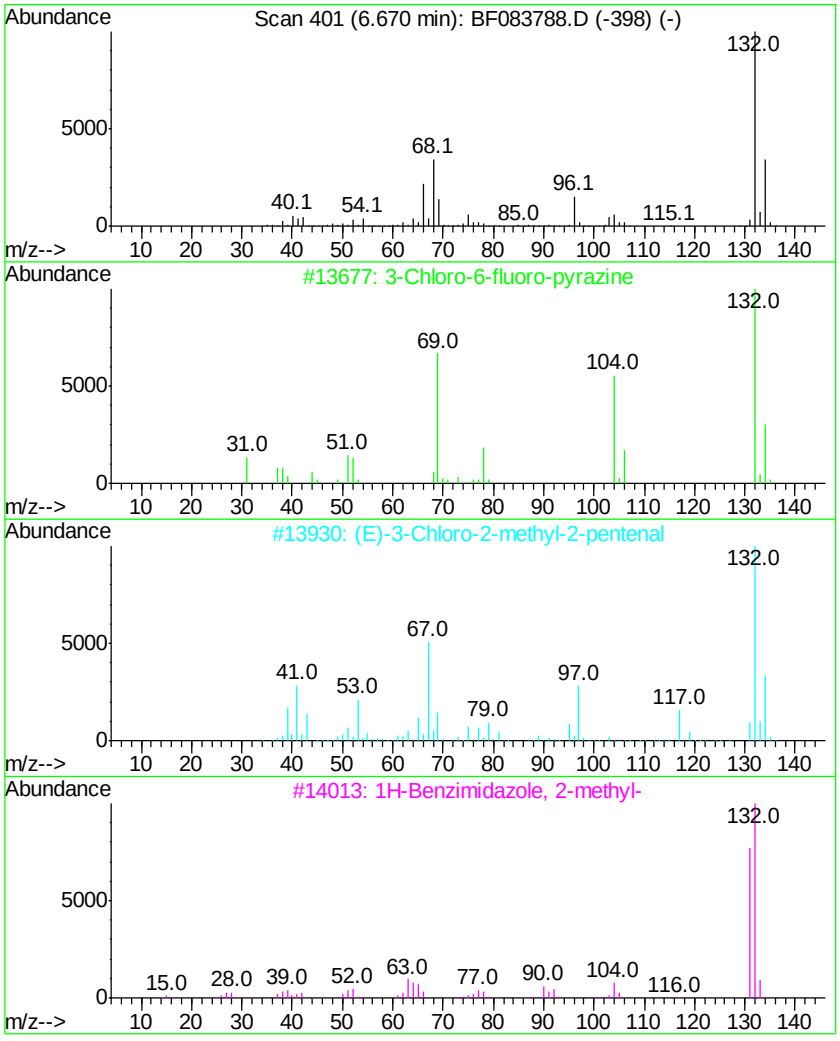
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

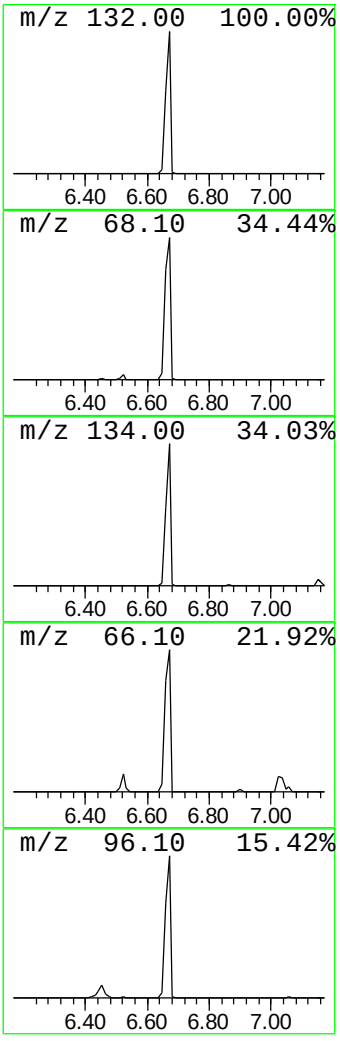
****

Peak Number 4 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	71.51 ng	2514850	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

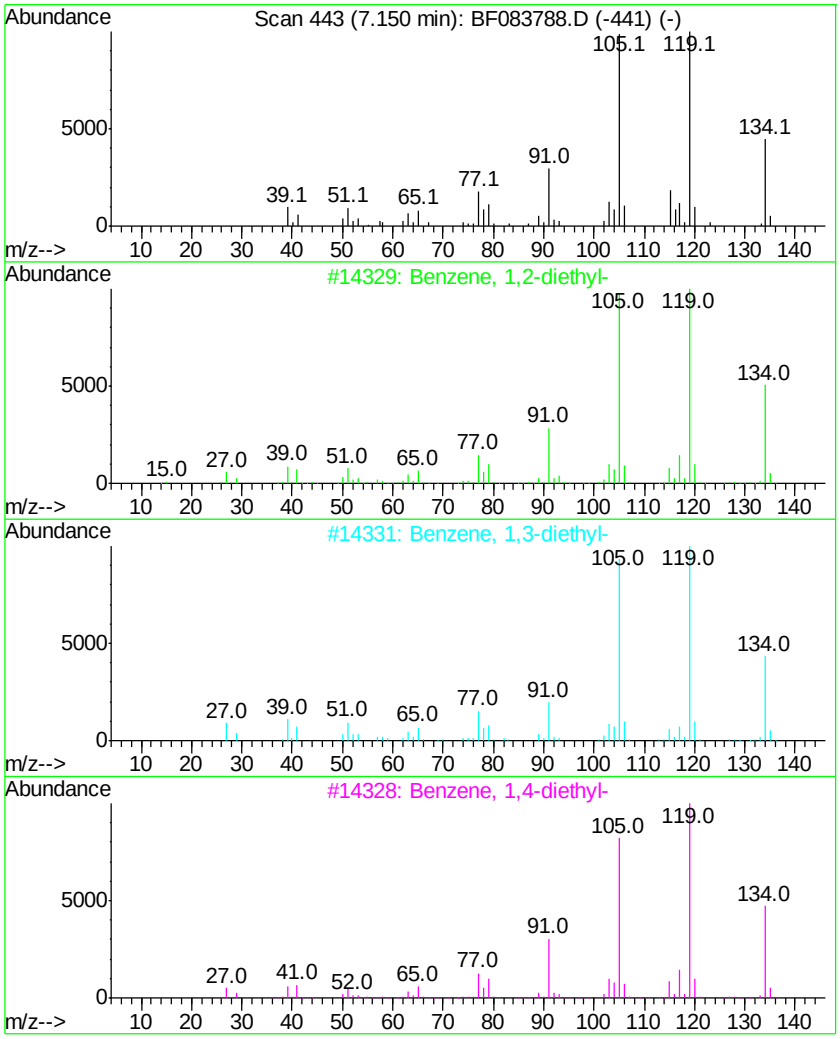
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

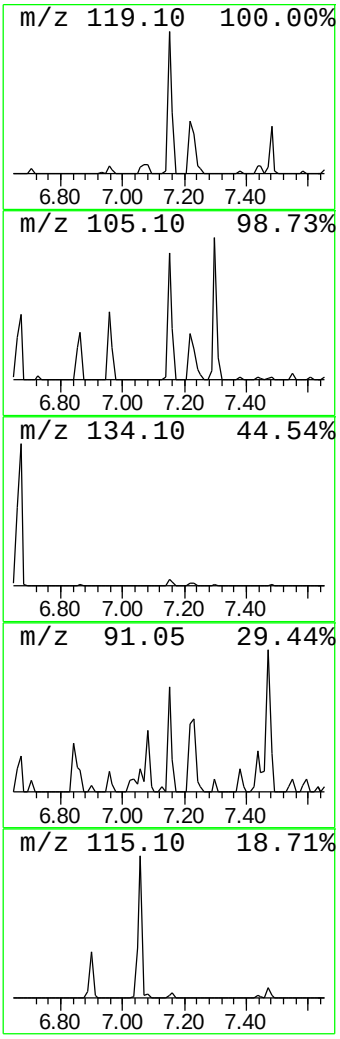
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	3.69 ng	129788	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

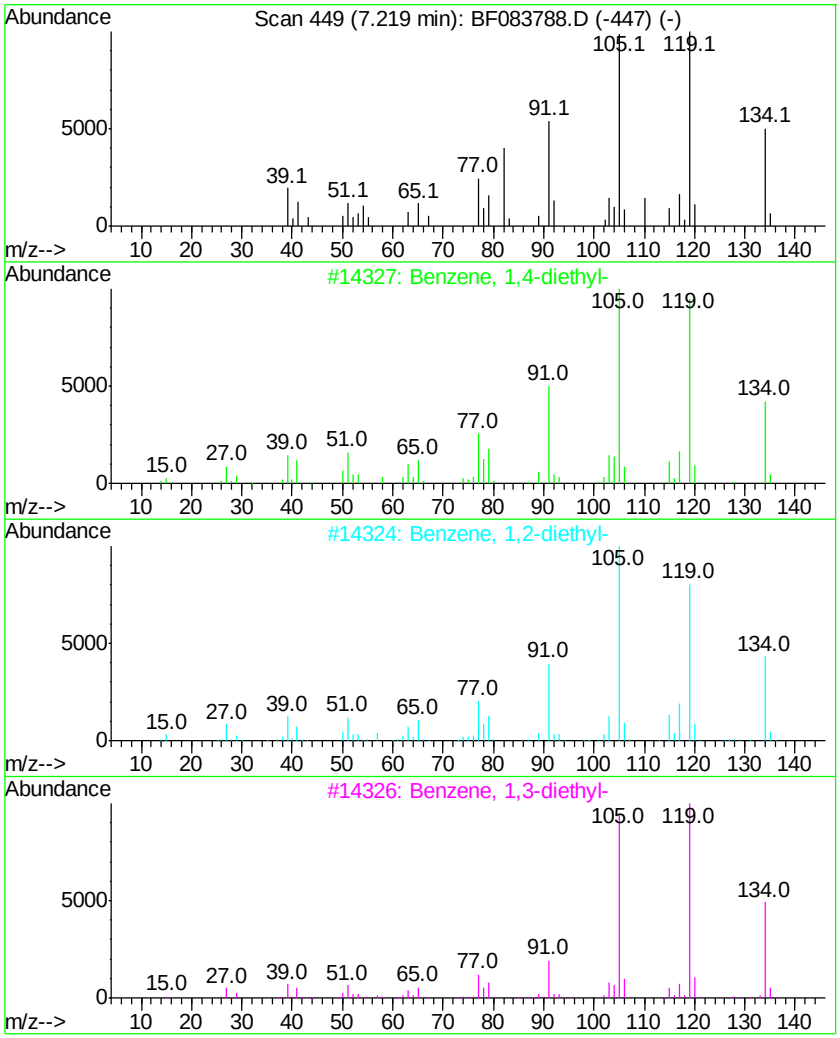
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

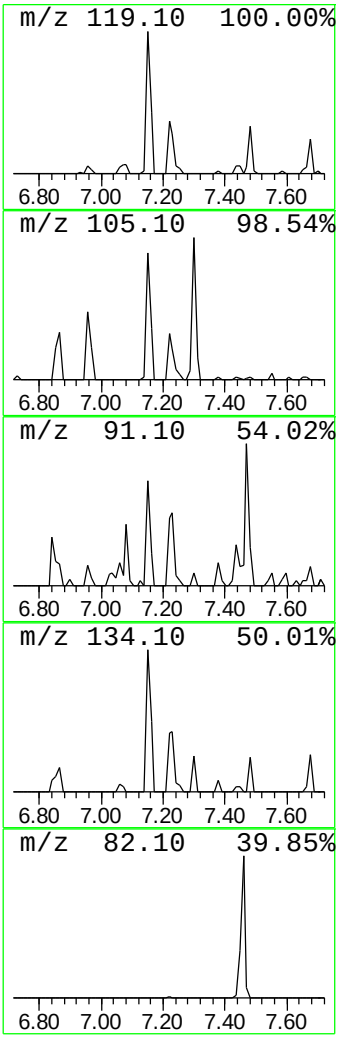
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	2.53 ng	89132	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

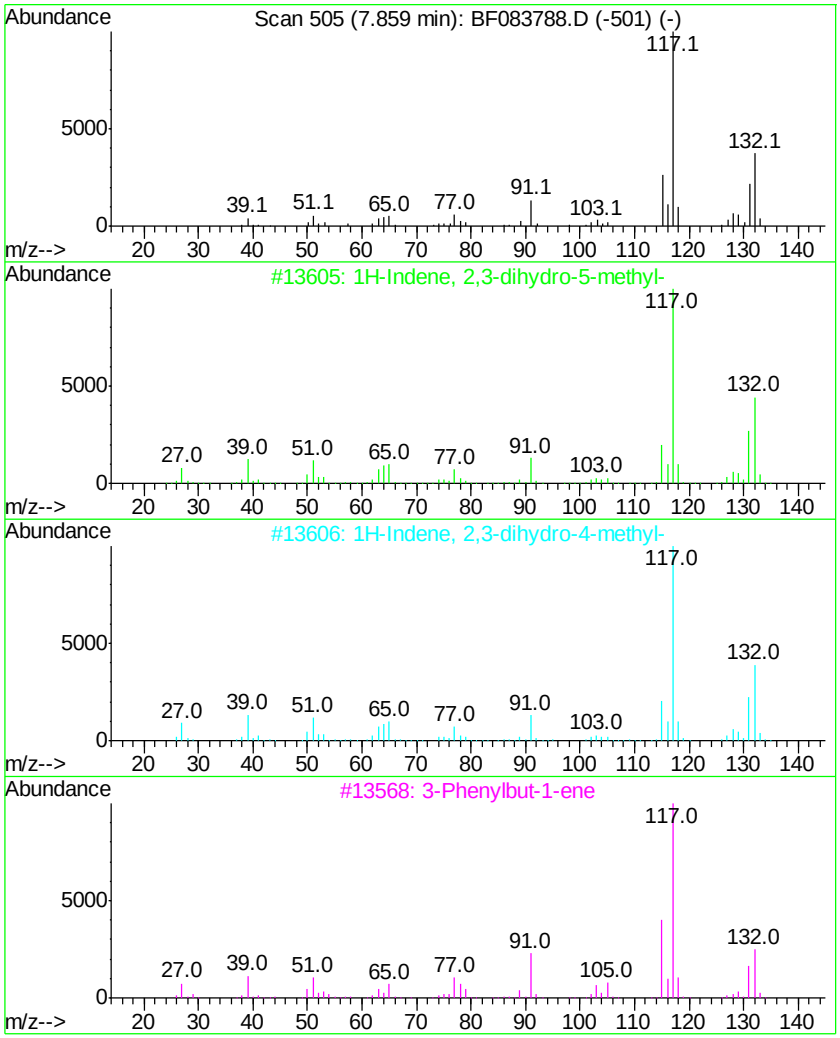
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

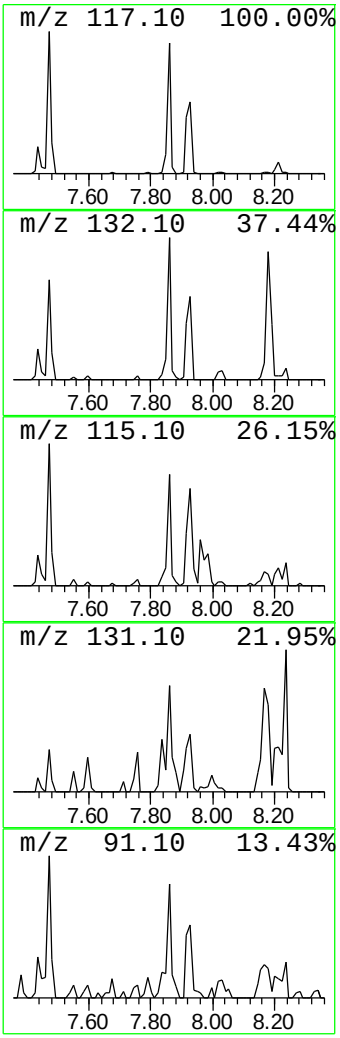
****

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.89 ng	177460	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

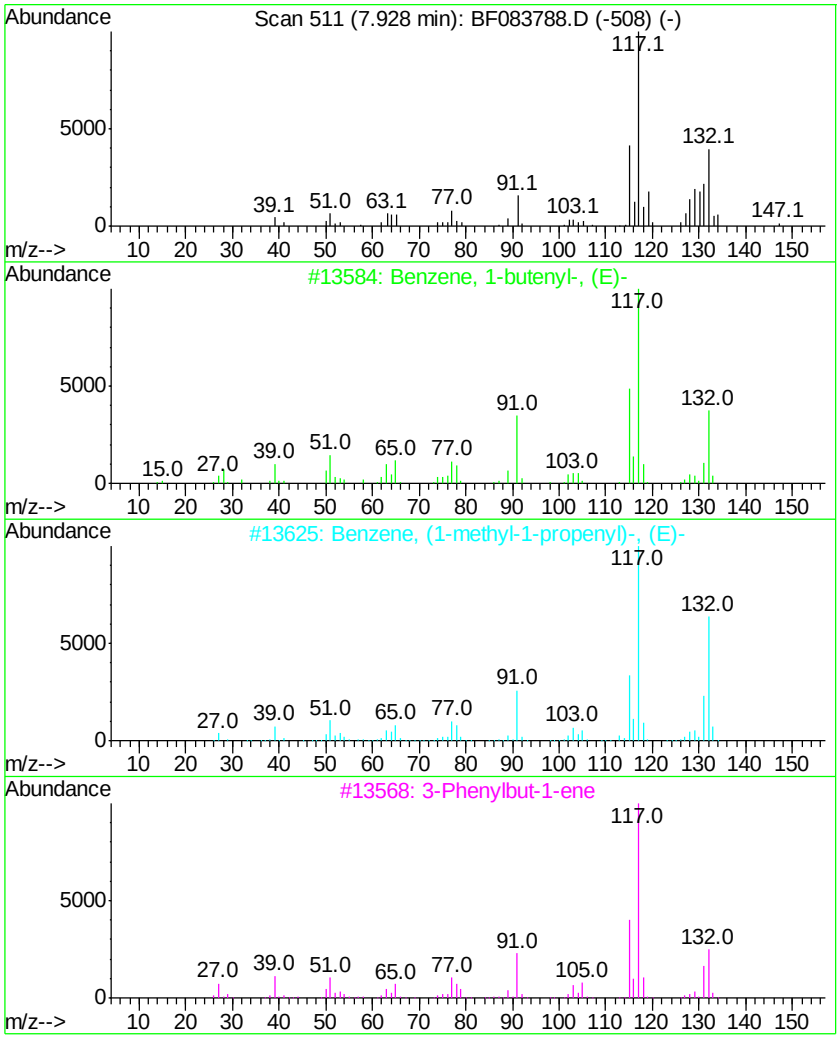
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

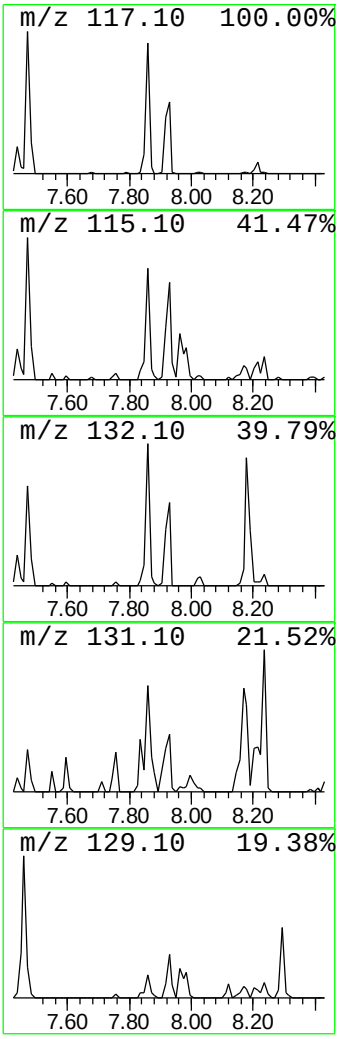
****

Peak Number 9 Benzene, 1-butenyl-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	4.19 ng	191315	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	76
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

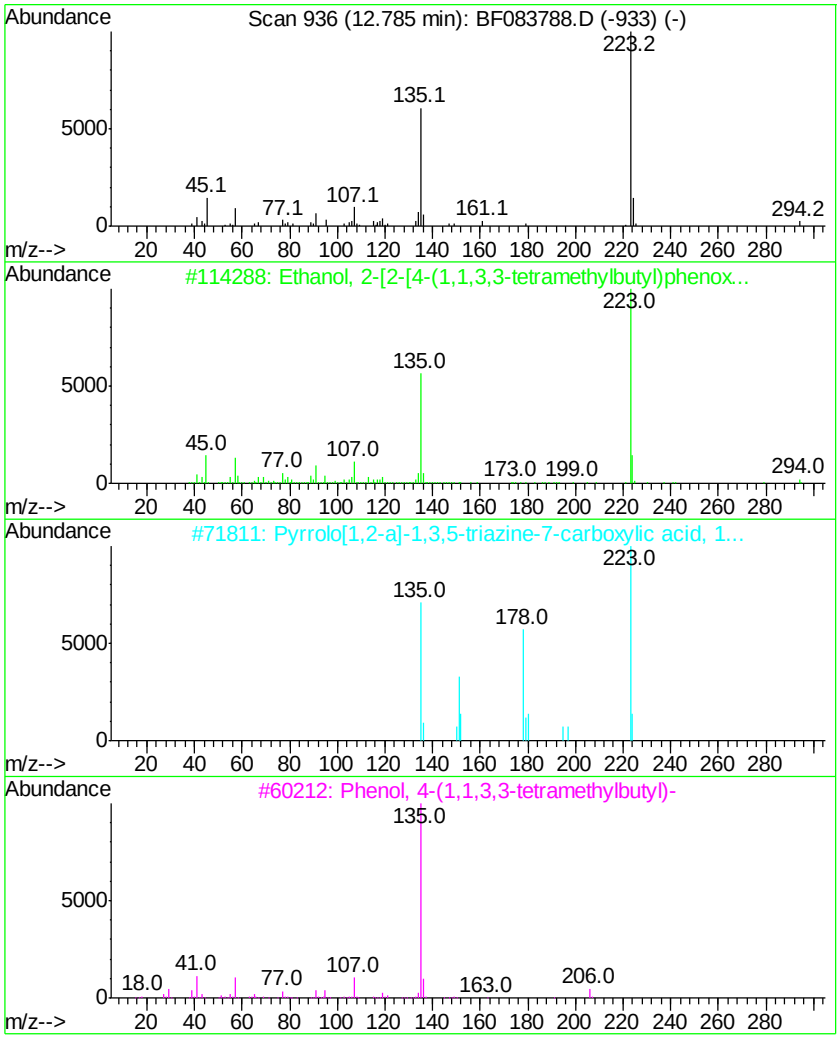
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

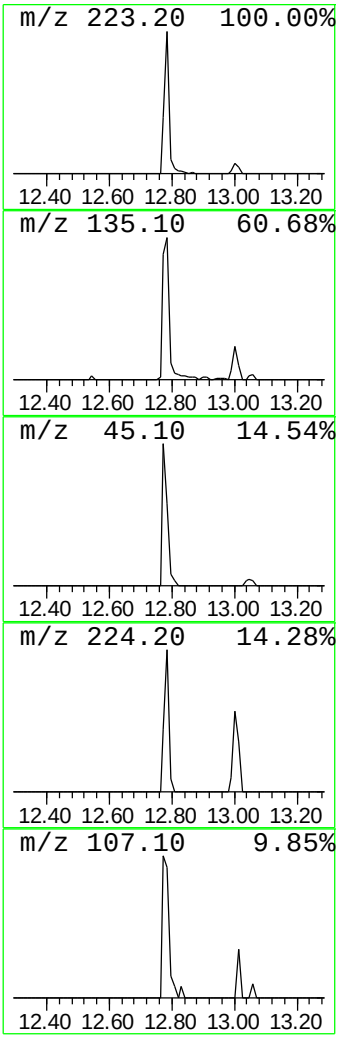
****

Peak Number 10 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.10 ng	155327	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	90
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27
4	Propargite	350	C19H26O4S	002312-35-8	22
5	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.07	6.5	ng	228101	1	6.90	703401	20.0
Benzene, (1-methy...	6.06	3.6	ng	125884	1	6.90	703401	20.0
unknown6.67	6.67	71.5	ng	2514850	1	6.90	703401	20.0
Benzene, 1,2-diet...	7.15	3.7	ng	129788	1	6.90	703401	20.0
Benzene, 1,4-diet...	7.22	2.5	ng	89132	1	6.90	703401	20.0
1H-Indene, 2,3-di...	7.86	3.9	ng	177460	2	8.18	912669	20.0
Benzene, 1-buteny...	7.93	4.2	ng	191315	2	8.18	912669	20.0
Ethanol, 2-[2-[4-...	12.79	3.1	ng	155327	5	14.04	1002640	20.0