LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076972.D
Acq On : 20 Jan 2015 20:46
Operator : IZ / TP
Sample : G1110-09
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

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-BF011415.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	1.441	29	31	39	rVB	49822	81293	6.75%	1.136%
2	4.024	254	257	268	rVB	15810	40721	3.38%	0.569%
3	4.961	336	339	348	rBV	175480	336765	27.98%	4.707%
4	7.304	542	544	549	rBV	109619	190753	15.85%	2.666%
5	7.396	549	552	558	rVB	389578	679087	56.41%	9.491%
6	7.910	594	597	604	rVB	104597	160652	13.35%	2.245%
7	8.230	621	625	628	rBV	417415	639592	53.13%	8.939%
8	9.202	707	710	721	rVB	315980	518328	43.06%	7.244%
9	10.813	848	851	855	rBV	141498	220880	18.35%	3.087%
10	12.082	960	962	965	rBV	10293	15197	1.26%	0.212%
11	13.477	1080	1084	1087	rBV	610446	1028020	85.40%	14.368%
12	13.899	1118	1121	1124	rVB	63979	89955	7.47%	1.257%
13	14.699	1189	1191	1195	rVB2	8217	12197	1.01%	0.170%
14	14.951	1209	1213	1216	rBV	152067	242747	20.17%	3.393%
15	15.191	1231	1234	1237	rBV	23310	40408	3.36%	0.565%
16	15.305	1241	1244	1246	rVV	16915	22960	1.91%	0.321%
17	16.254	1324	1327	1330	rBV	21292	24818	2.06%	0.347%
18	16.425	1338	1342	1345	rBV	154699	215254	17.88%	3.009%
19	16.631	1357	1360	1363	rBV	502536	623036	51.76%	8.708%
20	17.728	1454	1456	1459	rBV	190288	255296	21.21%	3.568%
21	19.969	1649	1652	1654	rBV	1109647	1203750	100.00%	16.824%
22	21.226	1760	1762	1765	rBV	190701	273465	22.72%	3.822%
23	22.883	1904	1907	1910	rBV	203790	239684	19.91%	3.350%

Sum of corrected areas: 7154858

LSC Report - Integrated Chromatogram

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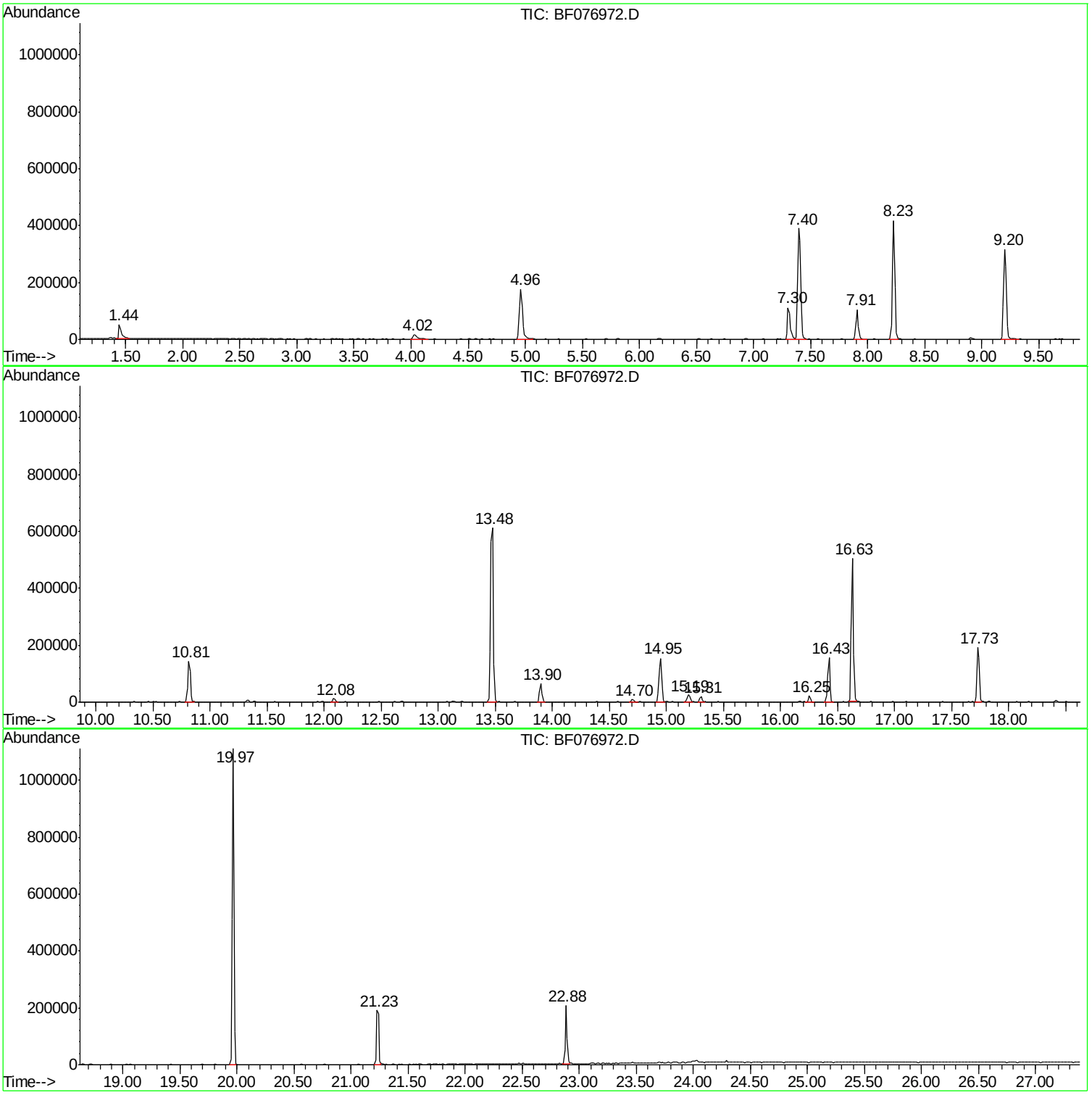
Instrument :
BNA_F
ClientSampleId :
EB-2015-1-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

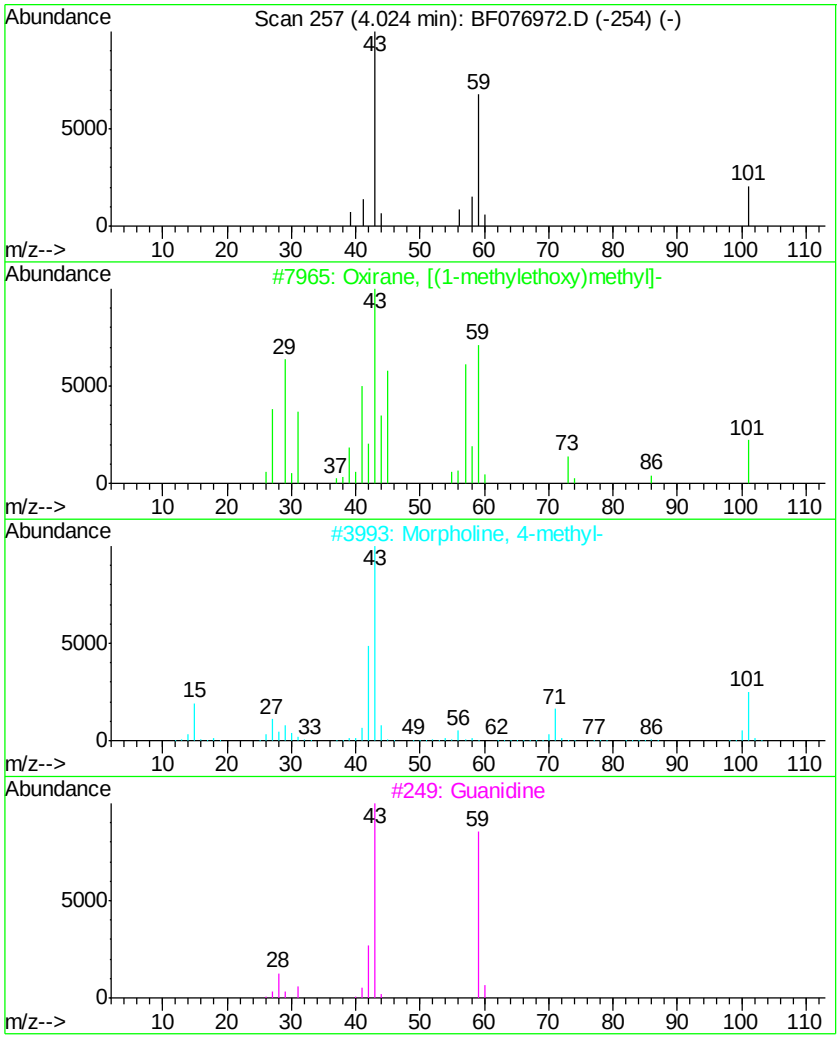
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

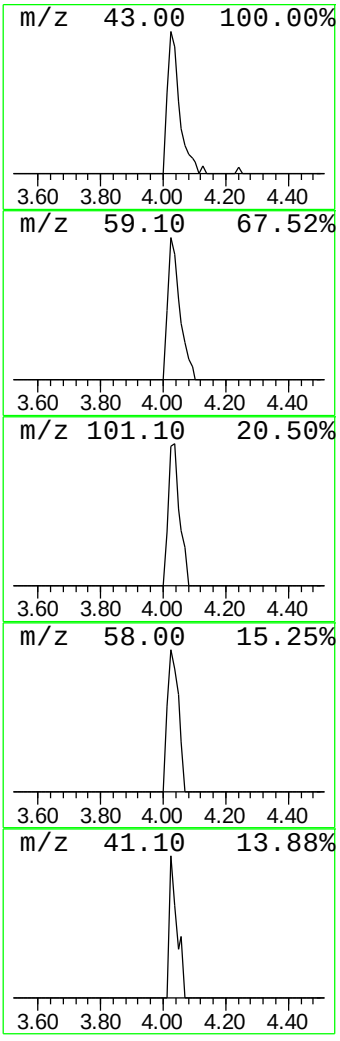
****

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	5.07 ng	40721	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Guanidine	59	CH5N3	000113-00-8	7
4	Propylamine	59	C3H9N	000107-10-8	7
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5





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Sample : G1110-09
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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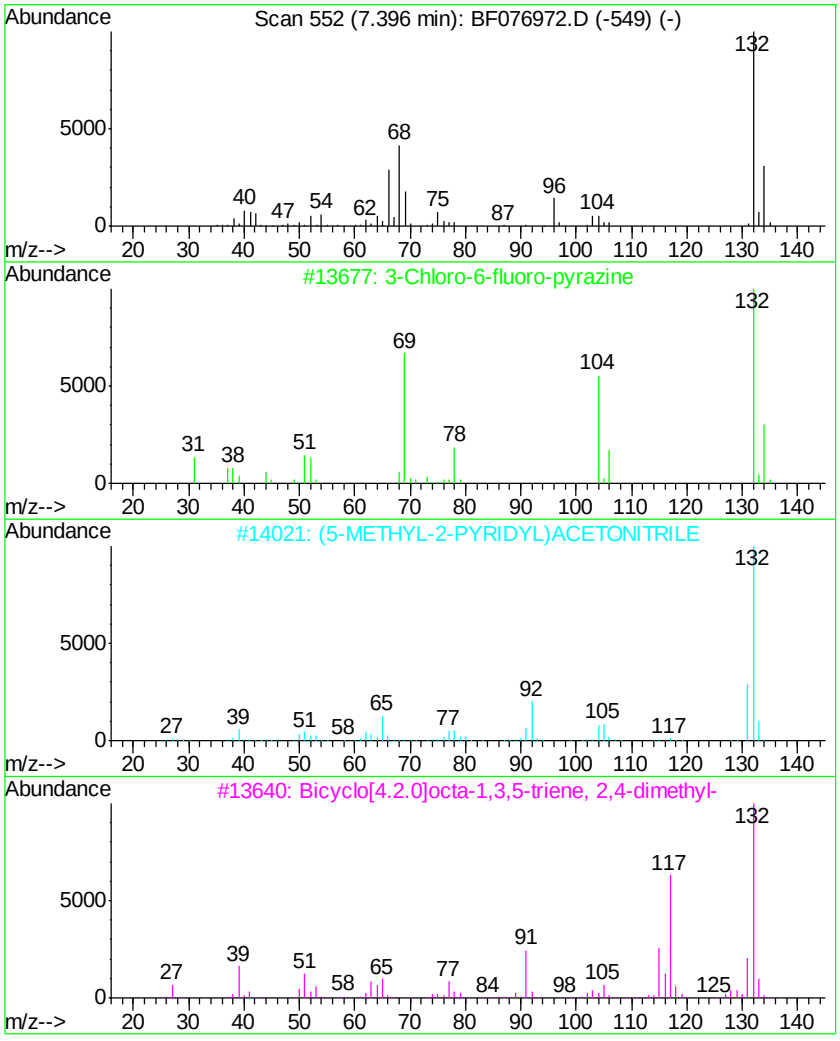
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

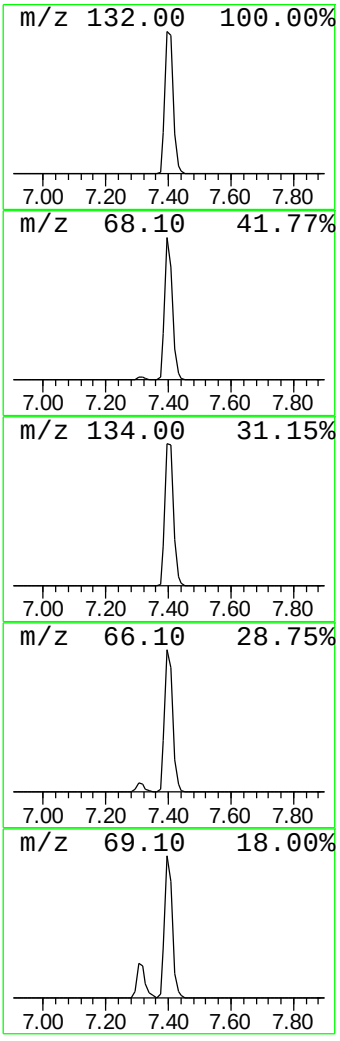
****

Peak Number 3 unknown7.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	84.54 ng	679087	1,4-Dichlorobenzene-d4	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : IZ / TP
Sample : G1110-09
Misc : W
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
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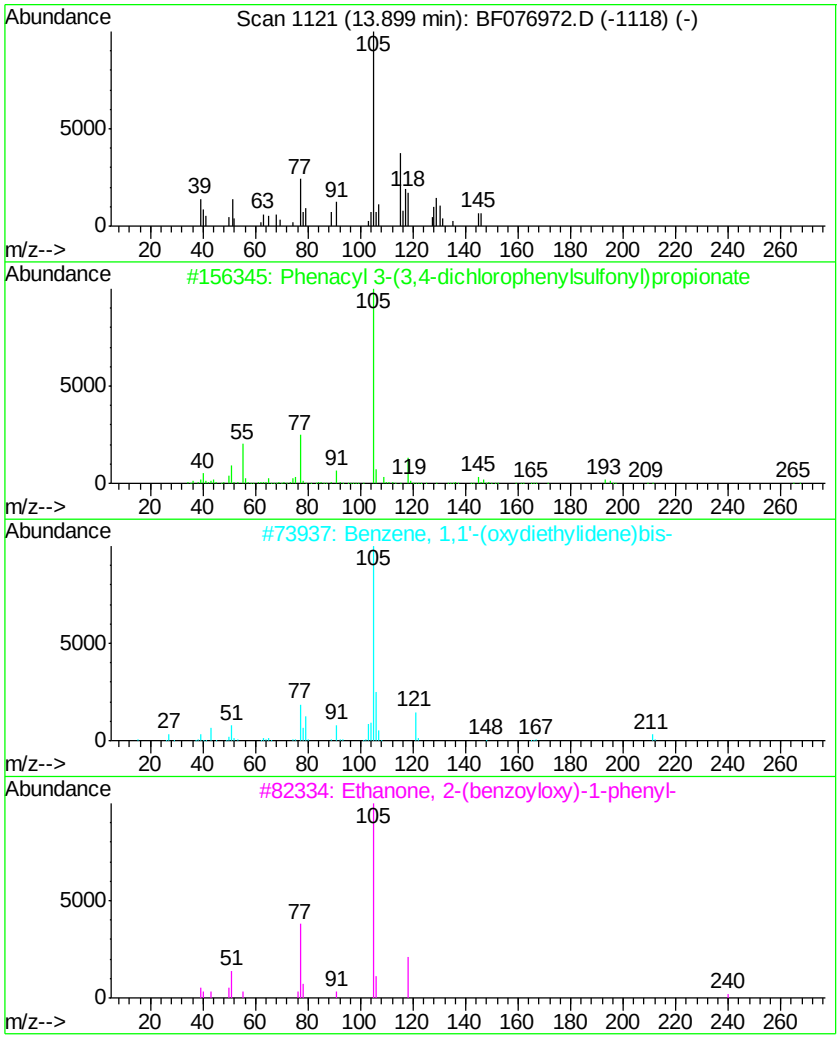
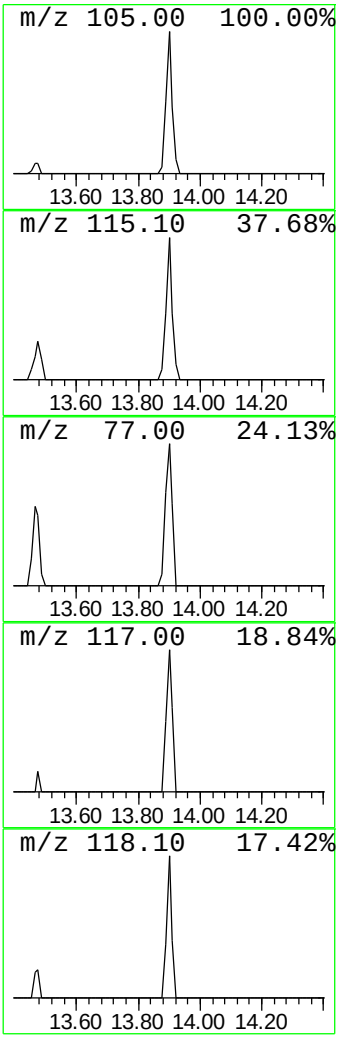
****

Peak Number 5 unknown13.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	7.41 ng	89955	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacyl 3-(3,4-dichlorophenylsu...	400	C17H14Cl2O5S	1000225-01-1	27
2	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	12
3	Ethanone, 2-(benzoyloxy)-1-phenyl-	240	C15H12O3	033868-50-7	12
4	Benzoic acid, 3,3,5-trimethyl-6-...	336	C21H20O4	1000277-63-9	10
5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	10





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
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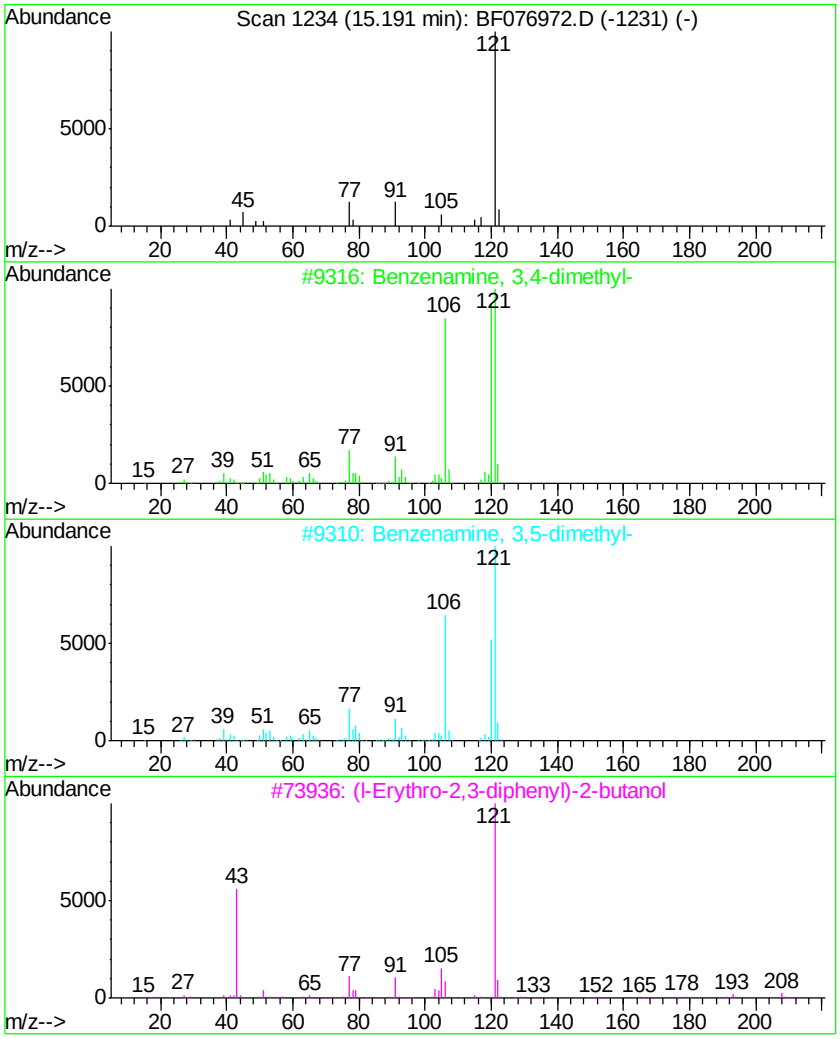
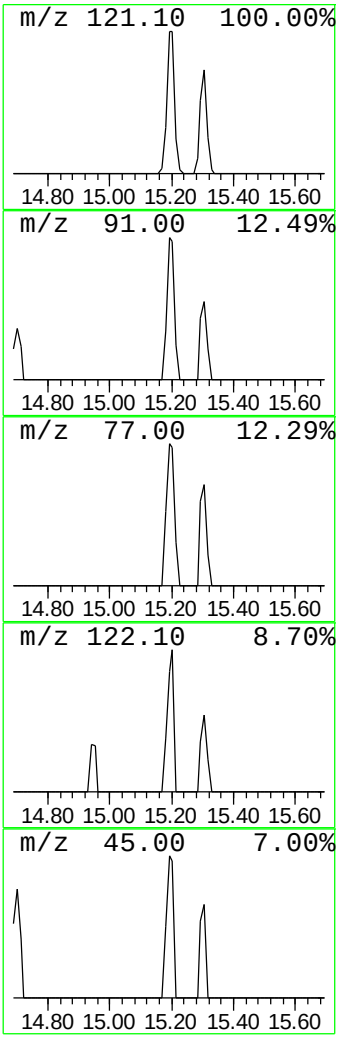
Peak Number 6 Benzenamine, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.33 ng	40408	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	56
2	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	56
3	(l-Erythro-2,3-diphenyl)-2-butanol	226	C16H18O	004613-10-9	40
4	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	9
5	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	9





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Sample : G1110-09
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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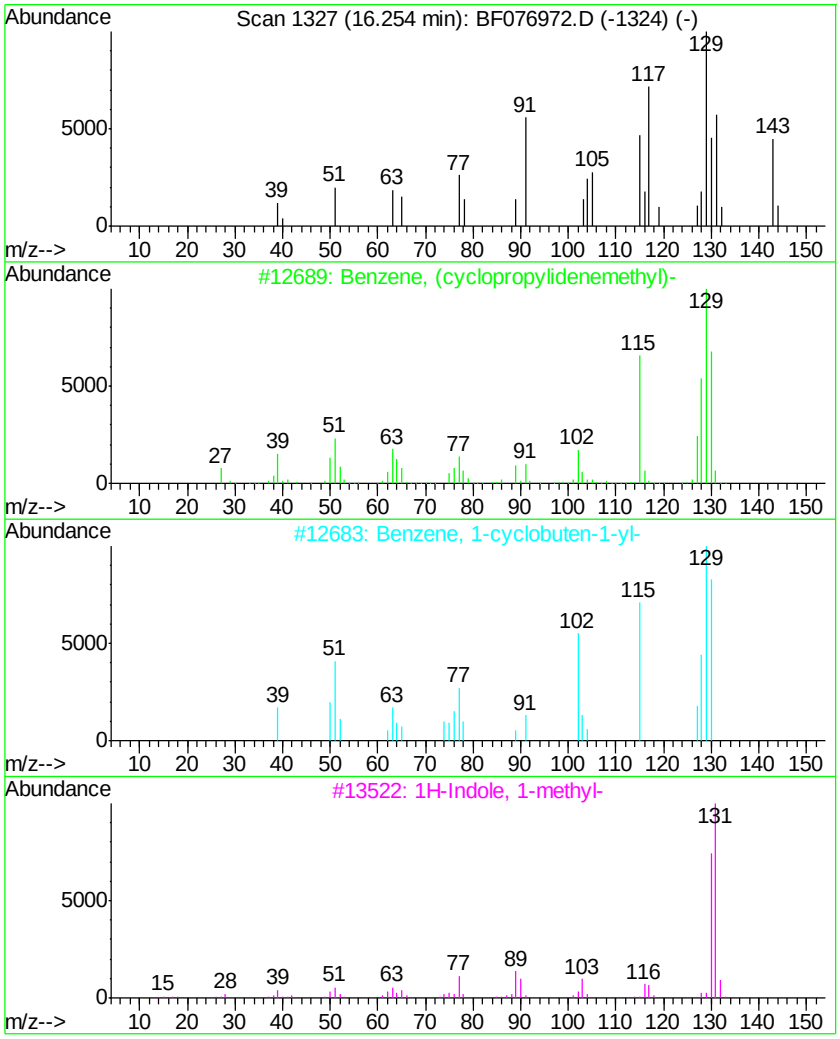
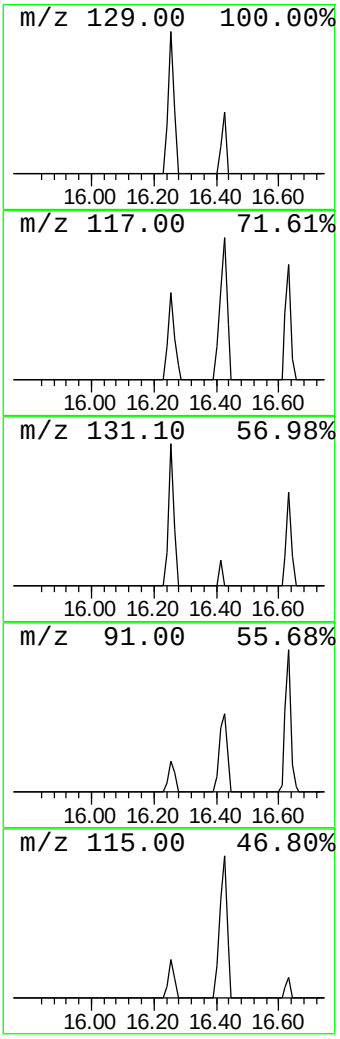
****

Peak Number 7 unknown16.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.04 ng	24818	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	43
2	Benzene, 1-cyclobuten-1-yl-	130	C10H10	003365-26-2	22
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	14
4	Indolizine, 6-methyl-	131	C9H9N	001761-11-1	11
5	Isoquinoline	129	C9H7N	000119-65-3	10





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-2015-1-15

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

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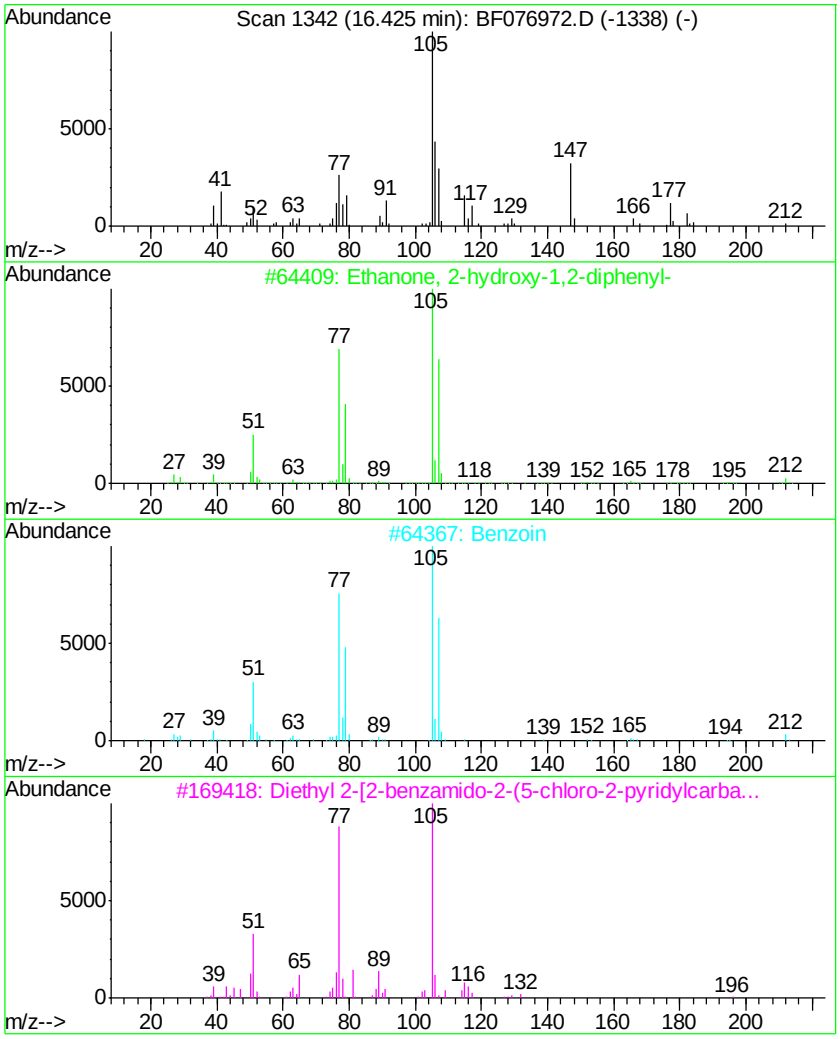
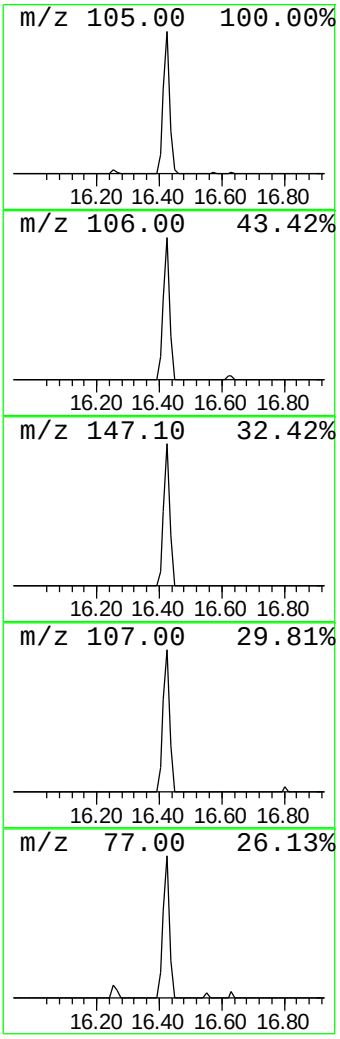
Peak Number 8 unknown16.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	16.86 ng	215254	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	30
2	Benzoin	212	C14H12O2	000579-44-2	30
3	Diethyl 2-[2-benzamido-2-(5-chlo...	513	C25H25ClN3O5P	300381-21-9	27
4	Benzoic acid, 3,5-dibromo-4-meth...	439	C17H15Br2NO3	1000258-73-5	27
5	Benzamide, N-butyl-	177	C11H15NO	002782-40-3	25





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Oxirane, [(1-meth...	4.02	5.1	ng	40721	1	7.91	160652	20.0
unknown7.40	7.40	84.5	ng	679087	1	7.91	160652	20.0
unknown13.90	13.90	7.4	ng	89955	3	14.95	242747	20.0
Benzenamine, 3,4-...	15.19	3.3	ng	40408	3	14.95	242747	20.0
unknown16.25	16.25	2.0	ng	24818	3	14.95	242747	20.0
unknown16.43	16.43	16.9	ng	215254	4	17.73	255296	20.0