LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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	1.384	23	26	31	rBV	9961	19368	1.25%	0.195%
2	1.452	31	32	46	rVB	60680	138621	8.92%	1.396%
3	4.104	262	264	273	rBV	45205	102790	6.62%	1.035%
4	5.030	342	345	358	rVB	189212	348852	22.46%	3.514%
5	7.362	547	549	555	rBV	115193	183961	11.84%	1.853%
6	7.465	555	558	563	rVB	526433	824331	53.07%	8.303%
7	7.967	599	602	607	rVB	117124	200696	12.92%	2.021%
8	8.299	627	631	634	rBV	507643	827720	53.29%	8.337%
9	9.270	712	716	719	rBV	453226	675486	43.49%	6.804%
10	10.882	853	857	860	rBV	186964	285675	18.39%	2.877%
11	11.396	898	902	904	rVB	21024	32994	2.12%	0.332%
12	12.139	965	967	971	rBV	33396	50964	3.28%	0.513%
13	13.534	1085	1089	1092	rBV	946167	1393728	89.72%	14.038%
14	13.957	1123	1126	1130	rBV	193143	303379	19.53%	3.056%
15	14.757	1193	1196	1200	rVB	53624	78339	5.04%	0.789%
16	15.008	1215	1218	1222	rVB	213660	324189	20.87%	3.265%
17	15.260	1236	1240	1243	rVB	71642	110626	7.12%	1.114%
18	15.362	1246	1249	1252	rBV	45213	64755	4.17%	0.652%
19	16.311	1329	1332	1334	rVB	38480	52435	3.38%	0.528%
20	16.471	1342	1346	1349	rVB	308833	476844	30.70%	4.803%
21	16.677	1361	1364	1367	rBV	648012	853750	54.96%	8.599%
22	17.774	1457	1460	1463	rVB	309816	335217	21.58%	3.376%
23	17.957	1474	1476	1479	rBV	29854	33462	2.15%	0.337%
24	18.460	1518	1520	1522	rBV	21042	27045	1.74%	0.272%
25	20.003	1652	1655	1658	rBV	1438945	1553356	100.00%	15.646%
26	21.272	1763	1766	1768	rBV	245285	337094	21.70%	3.395%
27	22.906	1906	1909	1912	rBV	250791	292657	18.84%	2.948%

Sum of corrected areas: 9928334

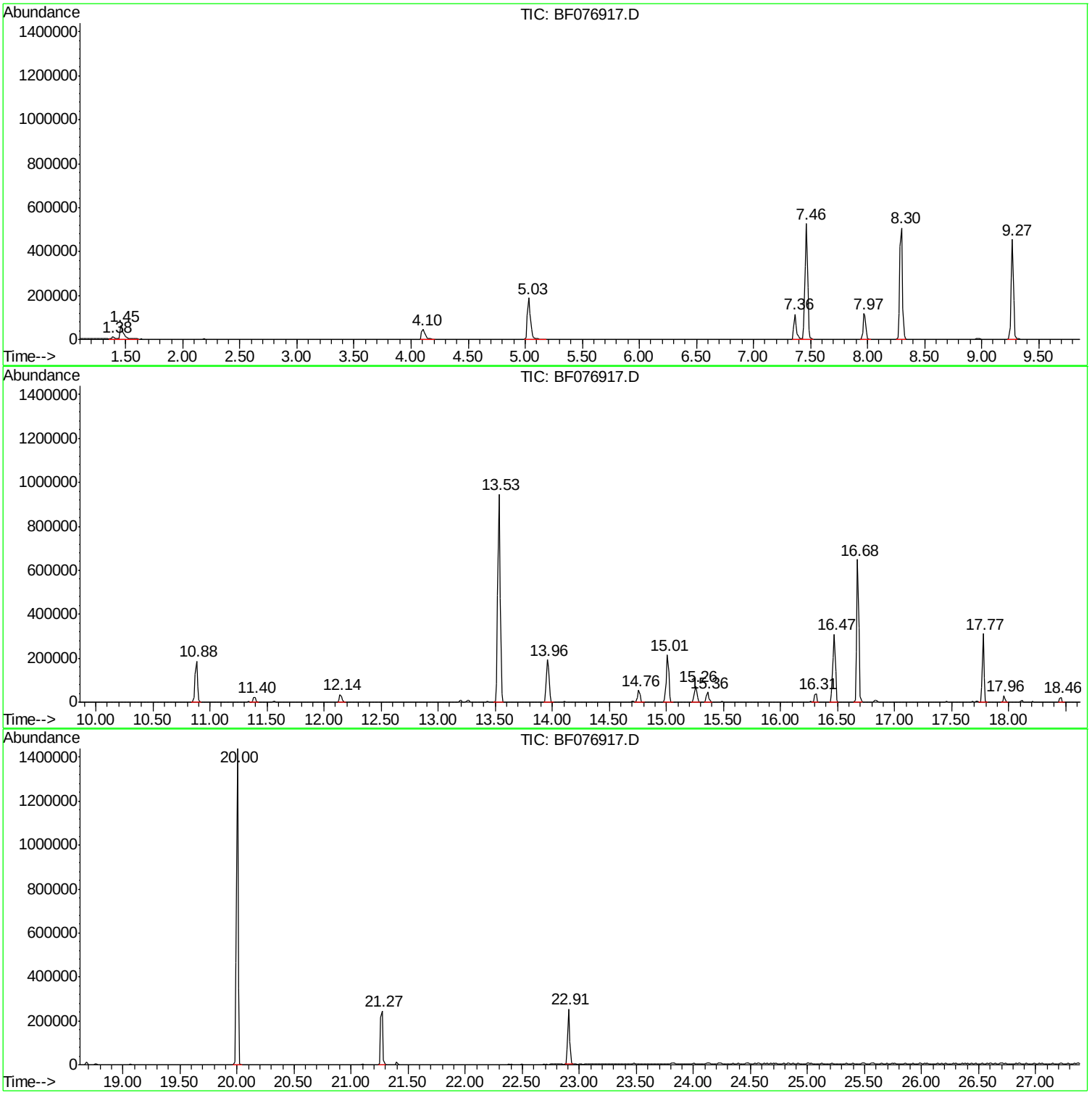
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-1

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
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Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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

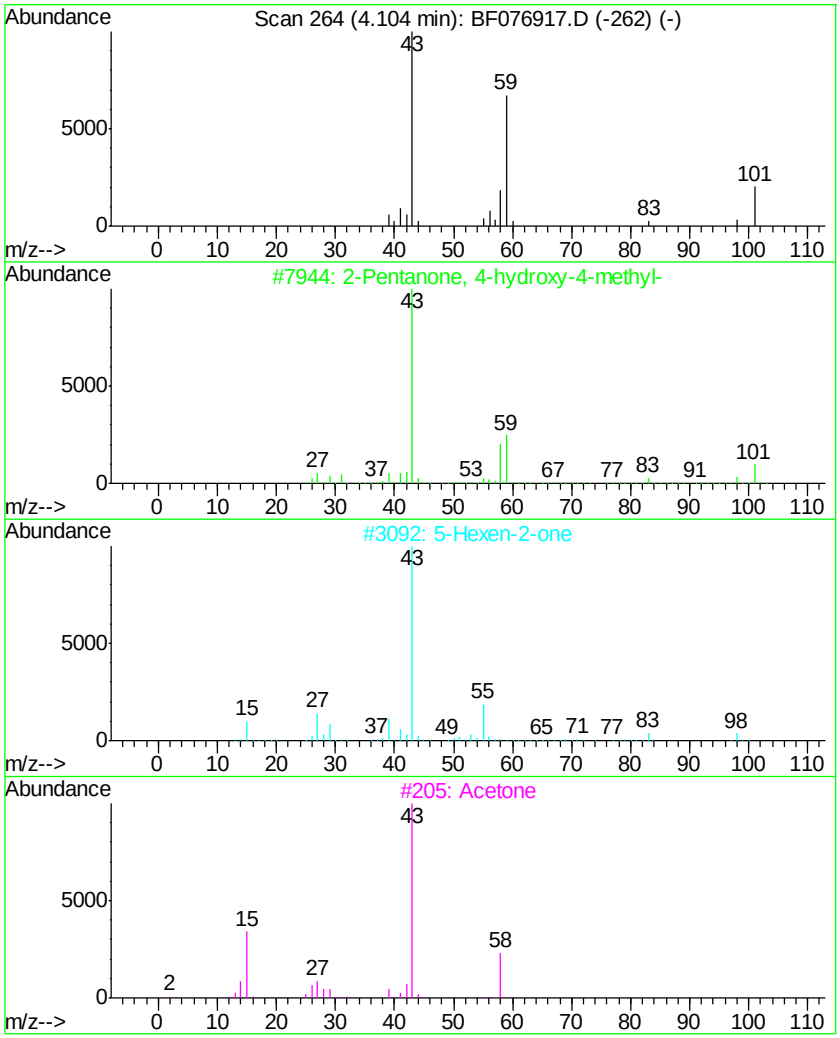
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

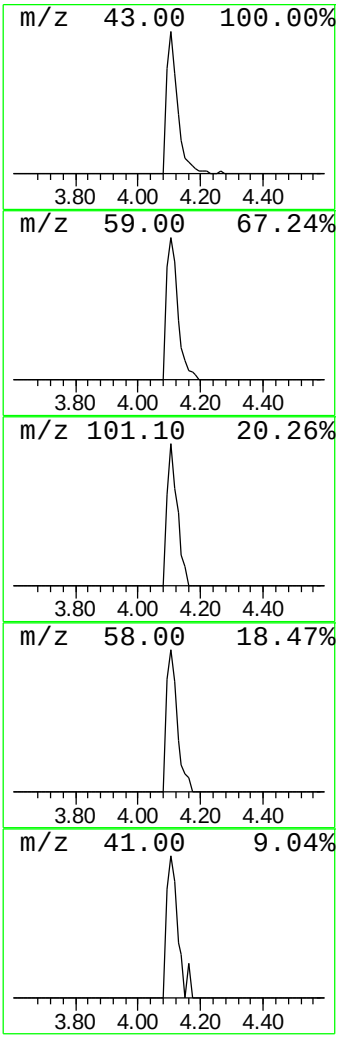
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	10.24 ng	102790	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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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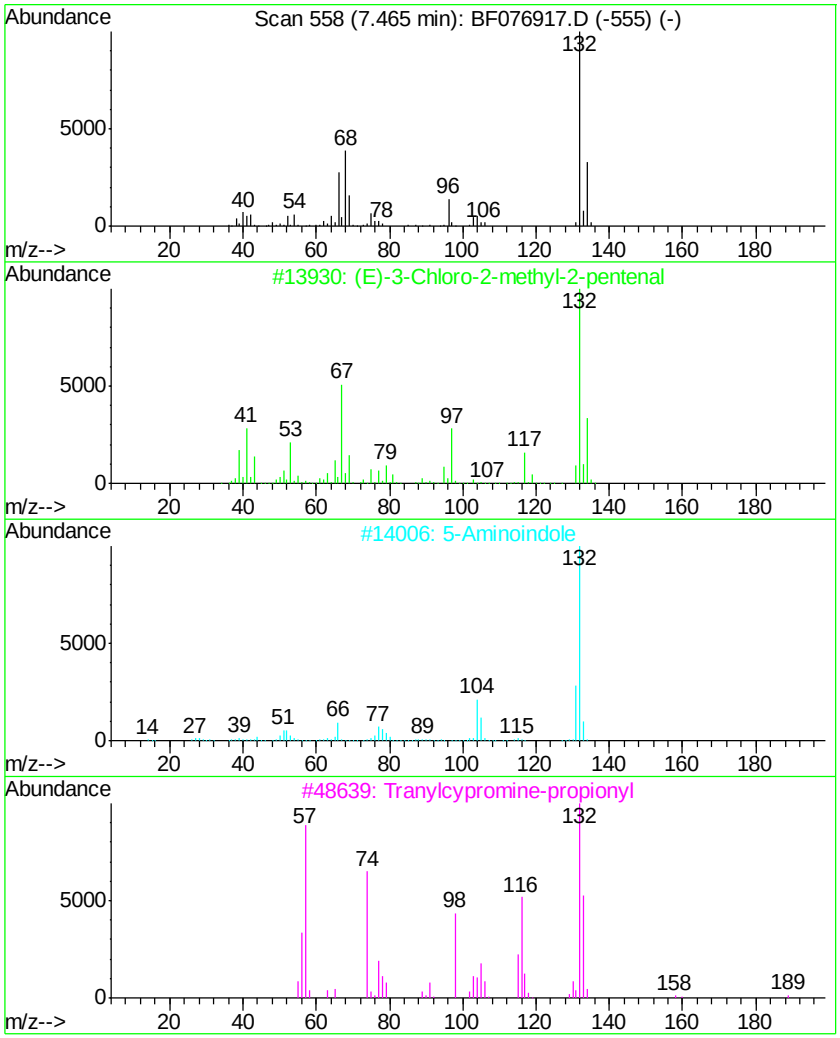
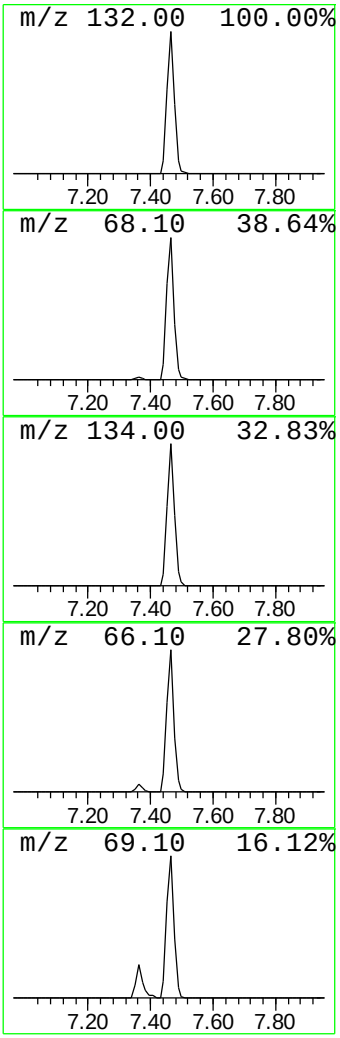
Peak Number 3 unknown7.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	82.15 ng	824331	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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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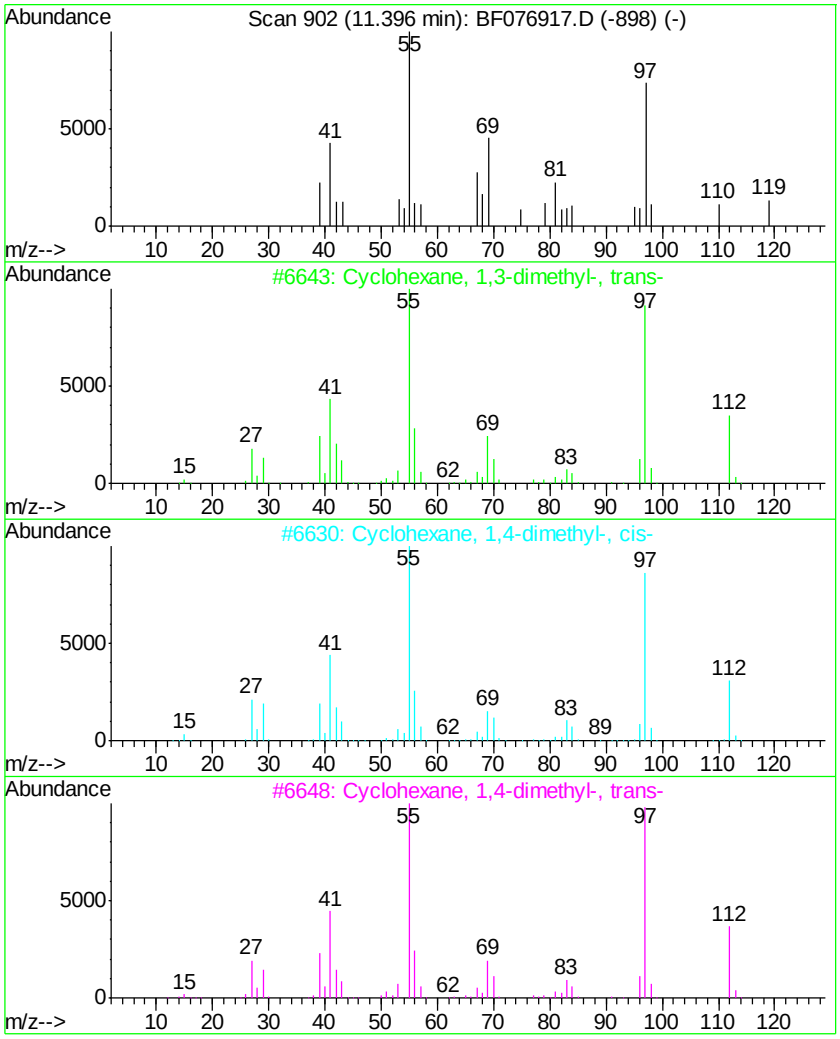
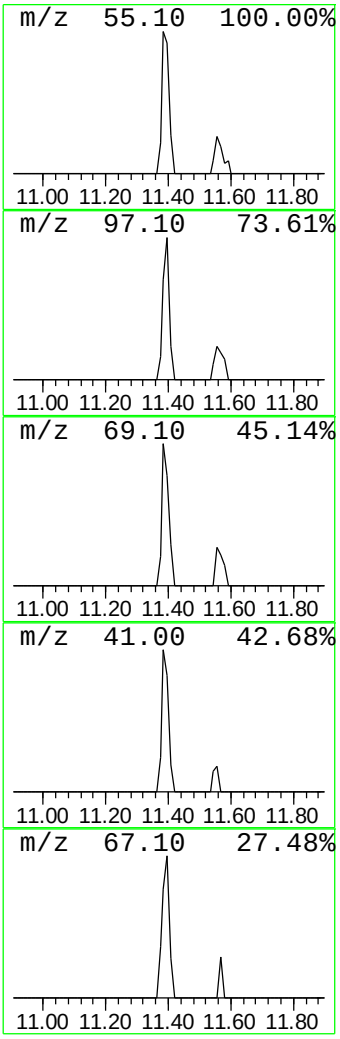
Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.31 ng	32994	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	50
5	2-Pentene, 1-bromo-3,4-dimethyl-	176	C7H13Br	000922-99-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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

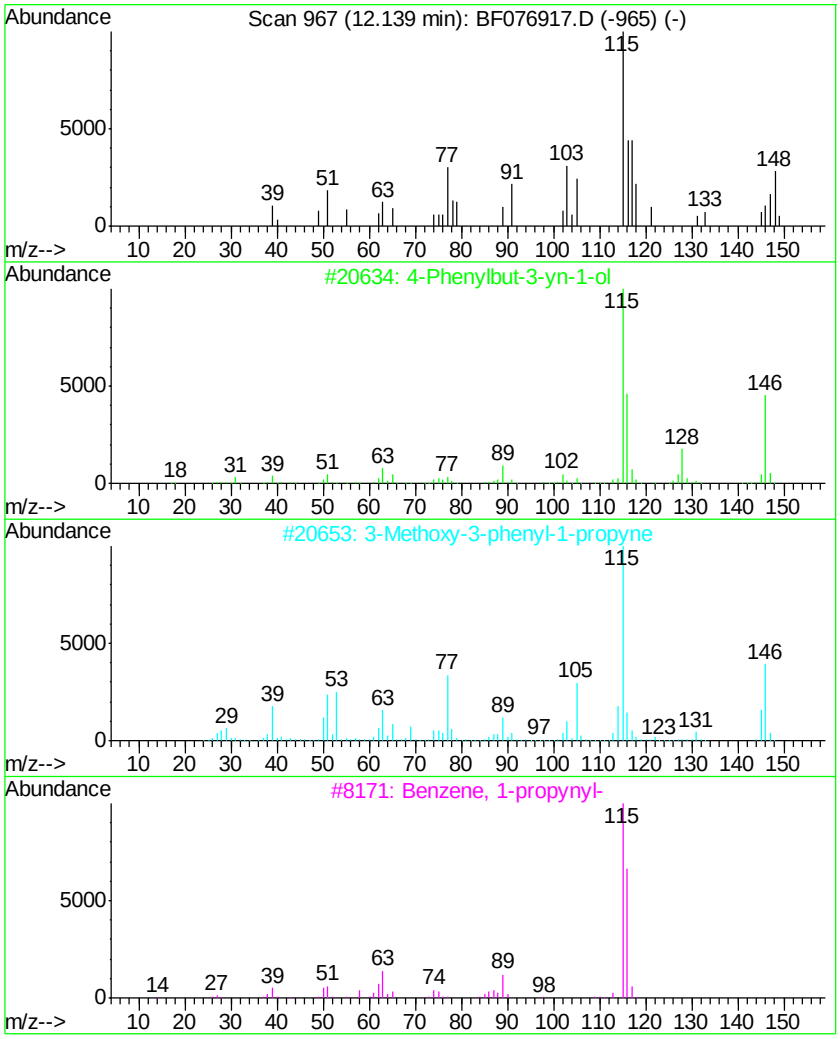
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

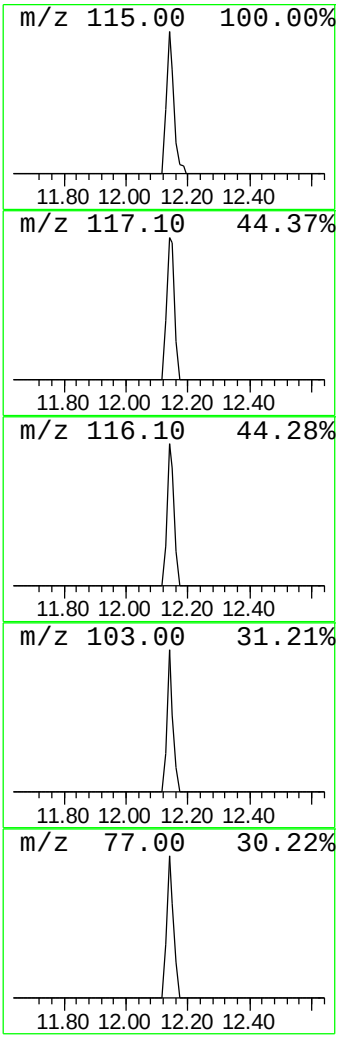
****

Peak Number 6 unknown12.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.57 ng	50964	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-yn-1-ol	146	C10H10O	010229-11-5	38
2	3-Methoxy-3-phenyl-1-propyne	146	C10H10O	1000217-10-1	38
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	35
4	Cyclohexane, 2,4-cyclopentadien-...	146	C11H14	003141-04-6	23
5	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
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Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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

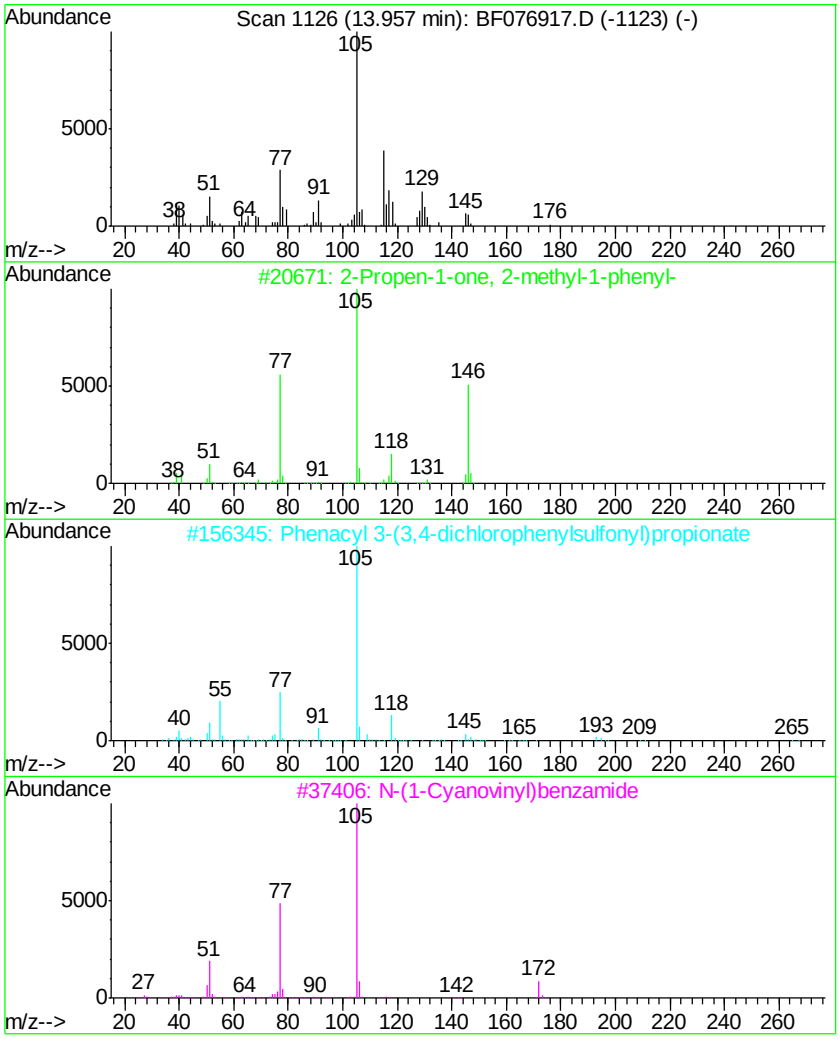
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

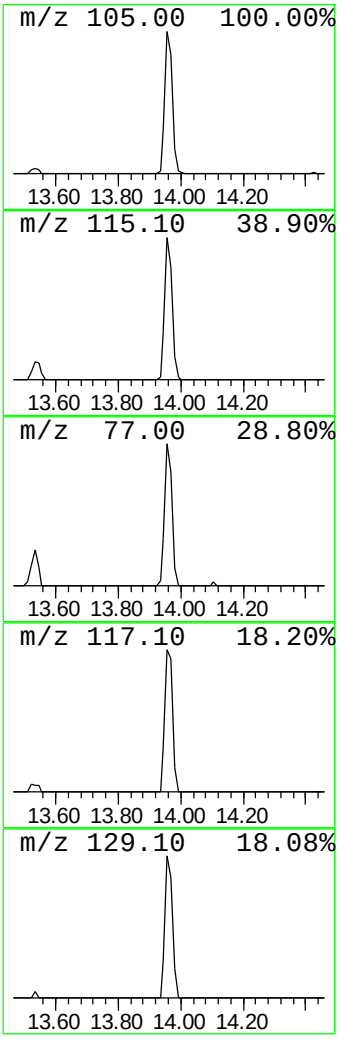
****

Peak Number 7 unknown13.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	18.72 ng	303379	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 2-methyl-1-phenyl-	146	C10H10O	000769-60-8	27
2	Phenacyl 3-(3,4-dichlorophenylsu...	400	C17H14Cl2O5S	1000225-01-1	22
3	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	10
4	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	10
5	1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9NO4	1000253-25-6	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
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Sample : G1080-03
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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

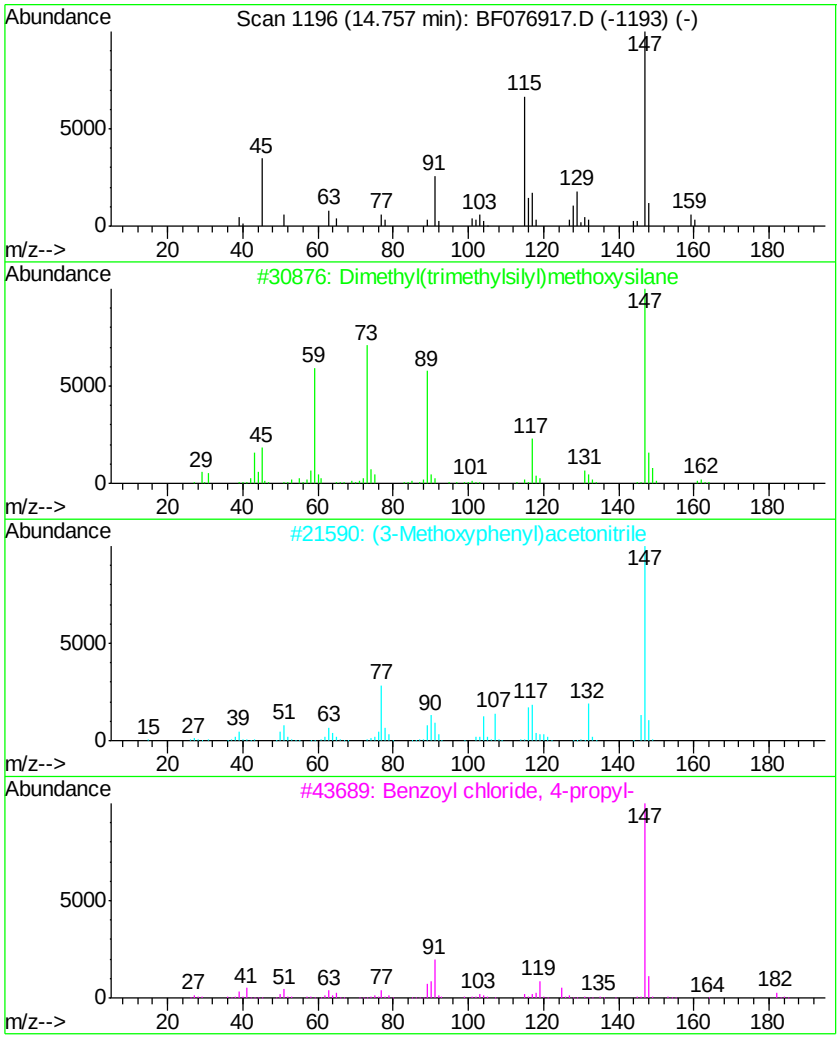
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

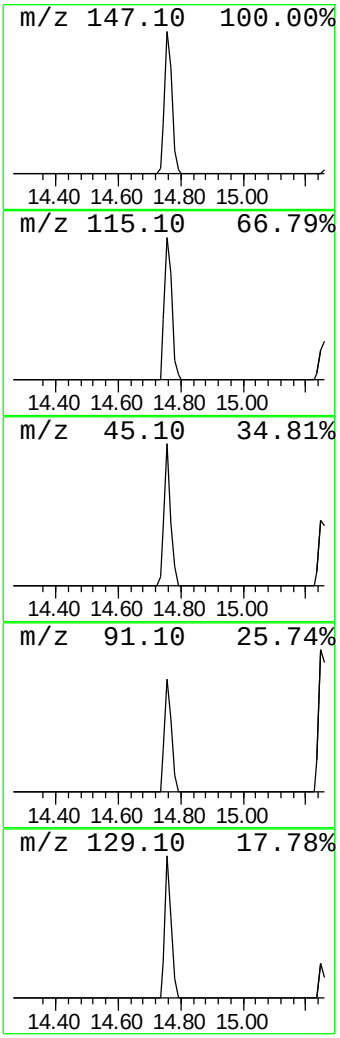
****

Peak Number 8 unknown14.76 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.83 ng	78339	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl(trimethylsilyl)methoxys...	162	C6H18OSi2	018107-29-4	43
2	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	43
3	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	35
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	25
5	2-(5-Methyl-[1,3,4]thiadiazol-2-...	292	C14H16N2OS2	1000296-87-8	25





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

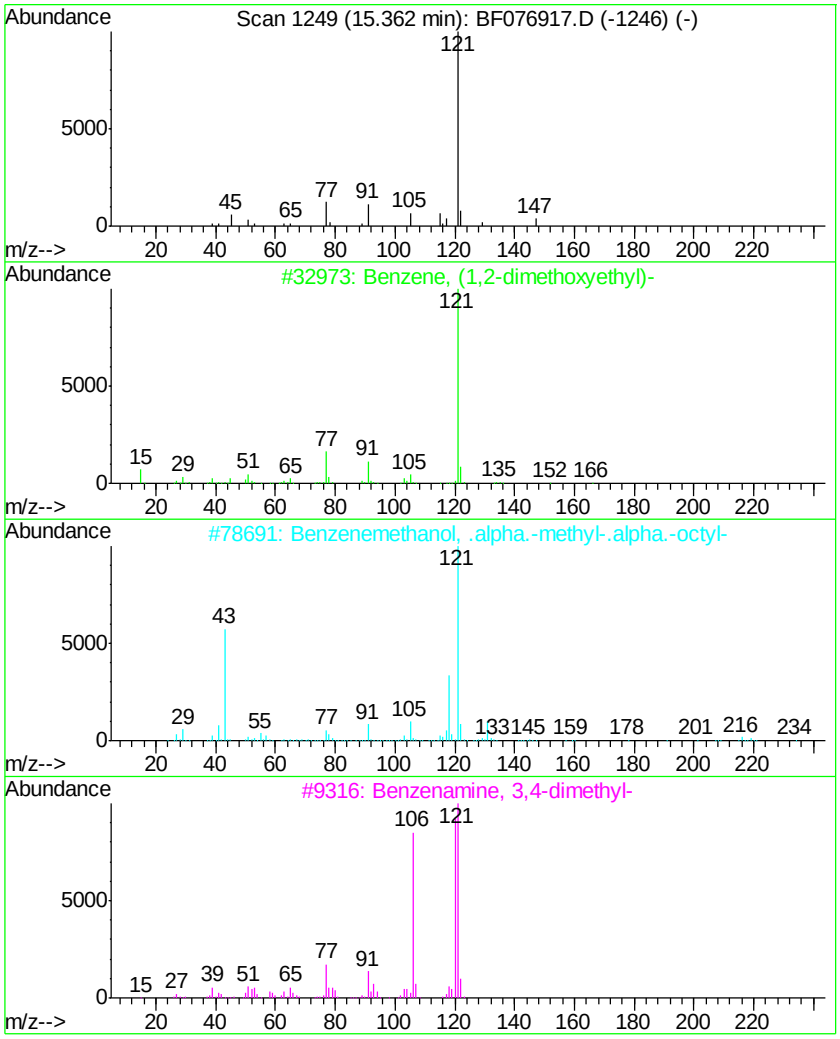
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

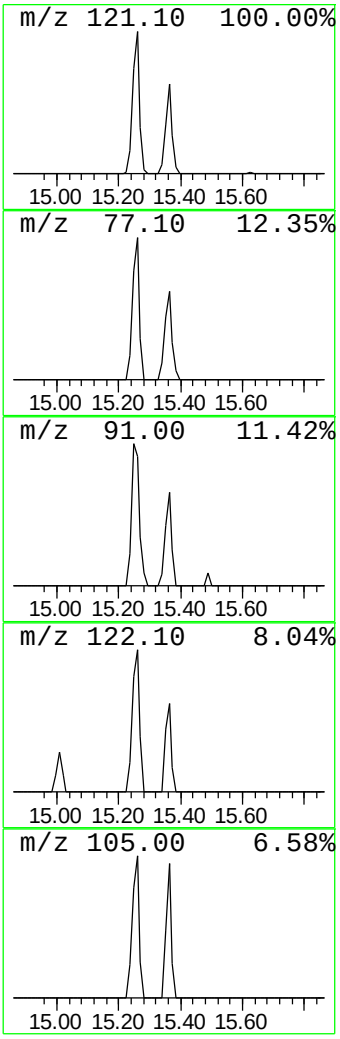
****

Peak Number 10 Benzenemethanol, .alpha.-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.99 ng	64755	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	72
2	Benzenemethanol, .alpha.-methyl-...	234	C16H26O	021078-96-6	56
3	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	50
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	50
5	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	50





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Sample : G1080-03
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Instrument : BNA_F
ClientSampleId : FIELDBLANK-1

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

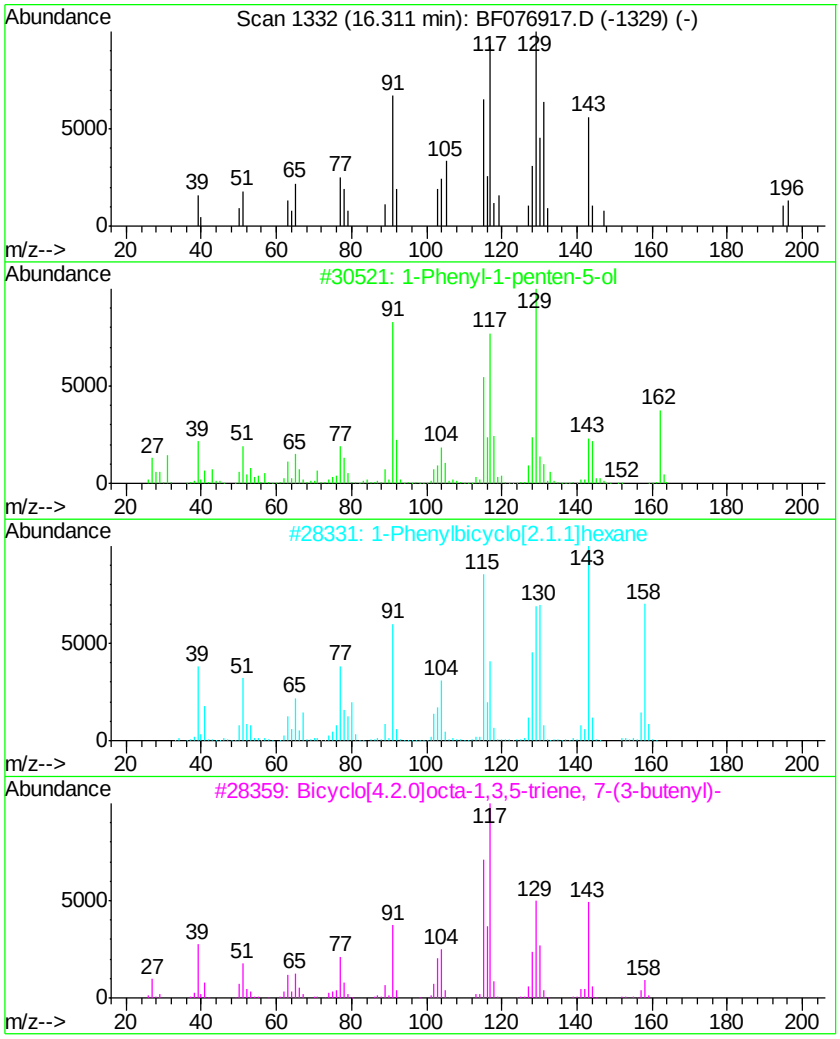
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

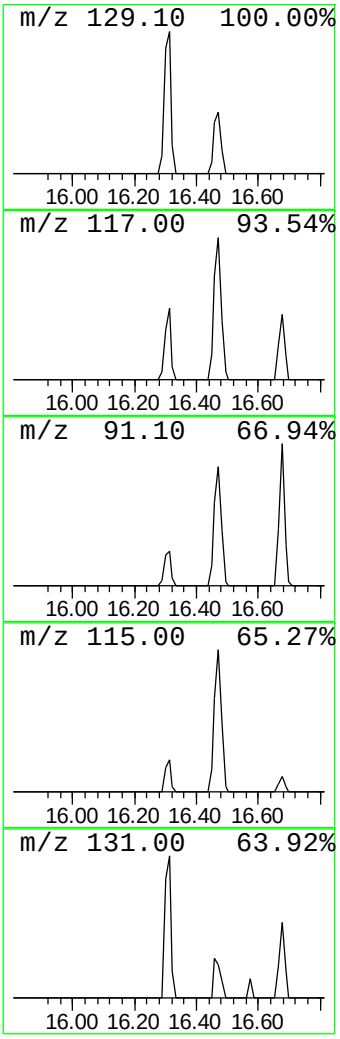
****

Peak Number 11 1-Phenyl-1-penten-5-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	3.23 ng	52435	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-penten-5-ol	162	C11H14O	037464-86-1	59
2	1-Phenylbicyclo[2.1.1]hexane	158	C12H14	029508-78-9	43
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	158	C12H14	122057-61-8	43
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	144	C11H12	071721-26-1	30
5	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	27





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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

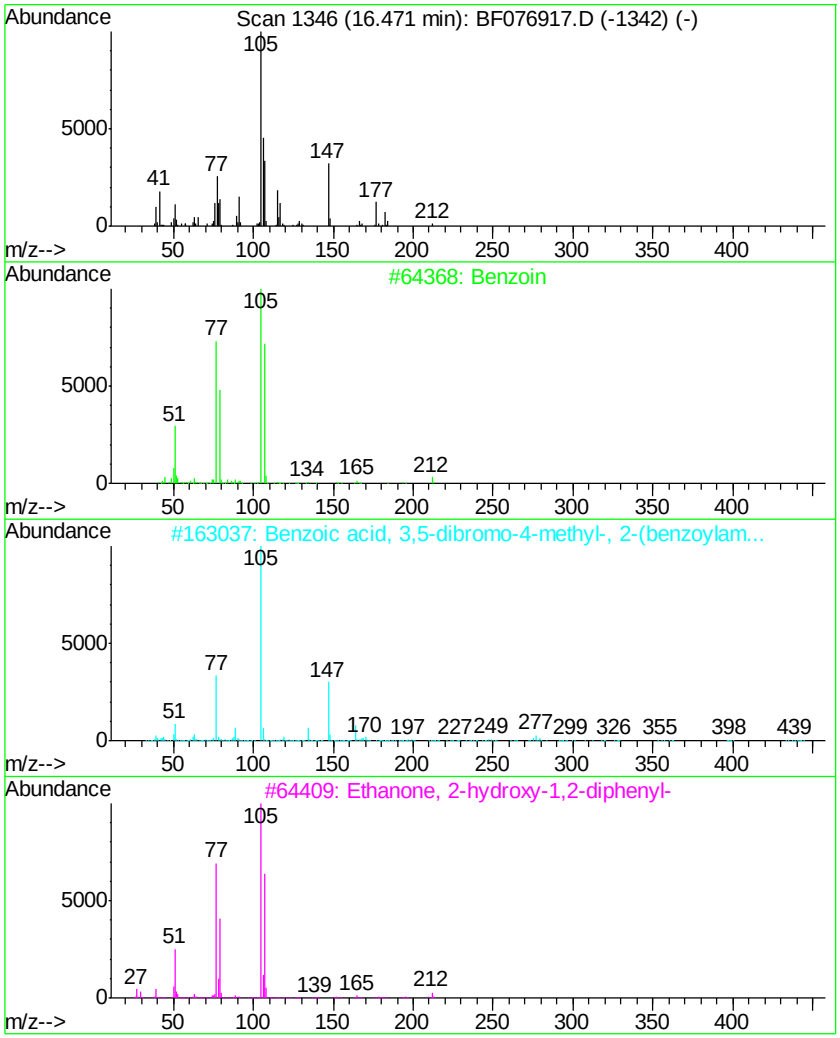
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

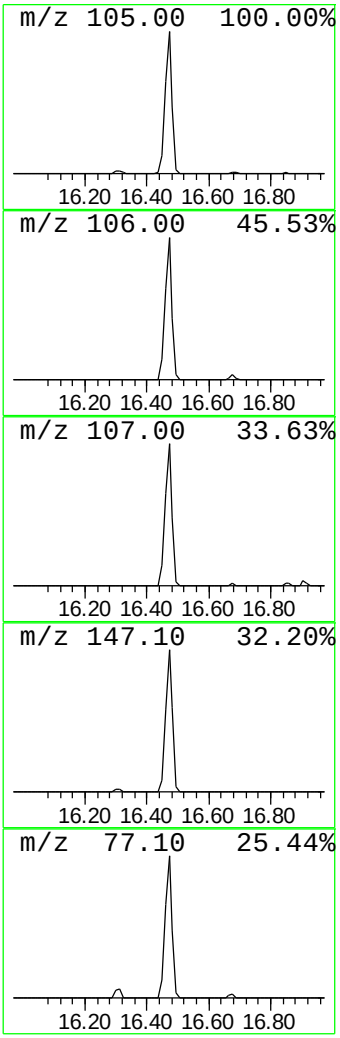
****

Peak Number 12 unknown16.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	28.45 ng	476844	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoin	212	C14H12O2	000579-44-2	27
2	Benzoic acid, 3,5-dibromo-4-meth...	439	C17H15Br2NO3	1000258-73-5	27
3	Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	27
4	2-Cyclopropyl-2-nitro-1-phenyl-e...	207	C11H13NO3	1000194-91-5	25
5	Benzamide, N-(1,1-dimethylethyl)-	177	C11H15NO	005894-65-5	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011615\
Data File : BF076917.D
Acq On : 16 Jan 2015 20:13
Operator : IZ / TP
Sample : G1080-03
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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
2-Pentanone, 4-hy...	4.10	10.2	ng	102790	1	7.98	200696	20.0
unknown7.46	7.46	82.2	ng	824331	1	7.98	200696	20.0
Cyclohexane, 1,3-...	11.40	2.3	ng	32994	2	10.88	285675	20.0
unknown12.14	12.14	3.6	ng	50964	2	10.88	285675	20.0
unknown13.96	13.96	18.7	ng	303379	3	15.01	324189	20.0
unknown14.76	14.76	4.8	ng	78339	3	15.01	324189	20.0
Benzenemethanol, ...	15.36	4.0	ng	64755	3	15.01	324189	20.0
1-Phenyl-1-penten...	16.31	3.2	ng	52435	3	15.01	324189	20.0
unknown16.47	16.47	28.4	ng	476844	4	17.77	335217	20.0