LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

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-BF043015.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	1.244	3	5	8	rVB	2269982	3540477	70.39%	11.014%
2	1.484	24	26	29	rVB	1838525	1858366	36.95%	5.781%
3	1.621	34	38	41	rVB	1592148	2849244	56.65%	8.864%
4	1.747	48	49	52	rBV	428950	580402	11.54%	1.806%
5	1.804	52	54	58	rVV	197049	289887	5.76%	0.902%
6	1.872	58	60	84	rVB	2710871	5029794	100.00%	15.647%
7	2.158	84	85	103	rVB2	52993	152365	3.03%	0.474%
8	5.119	342	344	352	rVB	155382	186350	3.70%	0.580%
9	5.621	385	388	390	rBV	1464245	1556377	30.94%	4.842%
10	6.879	495	498	500	rBV	1731101	1716262	34.12%	5.339%
11	7.027	509	511	514	rBV	1734201	1635140	32.51%	5.087%
12	7.313	534	536	539	rBV	409365	491528	9.77%	1.529%
13	7.507	550	553	555	rVB	1326008	1280507	25.46%	3.984%
14	8.010	594	597	599	rBV	1138244	1028081	20.44%	3.198%
15	8.890	672	674	677	rBV	644648	679251	13.50%	2.113%
16	9.599	734	736	740	rVB	86082	74942	1.49%	0.233%
17	10.239	790	792	795	rVB	2179672	1925439	38.28%	5.990%
18	10.742	834	836	838	rBV	155941	135666	2.70%	0.422%
19	11.073	862	865	867	rBV	782513	777108	15.45%	2.418%
20	11.976	941	944	946	rBV	238887	296179	5.89%	0.921%
21	12.056	948	951	953	rBV2	871218	1199376	23.85%	3.731%
22	12.502	986	990	992	rBV	36490	51842	1.03%	0.161%
23	12.914	1024	1026	1029	rBV	791798	817440	16.25%	2.543%
24	14.914	1198	1201	1204	rBV	1997353	1914787	38.07%	5.957%
25	16.114	1304	1306	1314	rBV	141365	287548	5.72%	0.895%
26	16.240	1314	1317	1319	rVV	766026	818792	16.28%	2.547%
27	16.285	1319	1321	1323	rVB	55519	66160	1.32%	0.206%
28	18.091	1476	1479	1482	rBV	569365	795908	15.82%	2.476%
29	18.686	1528	1531	1534	rBV	24619	51230	1.02%	0.159%
30	18.777	1534	1539	1541	rBV4	20456	57967	1.15%	0.180%

Sum of corrected areas: 32144415

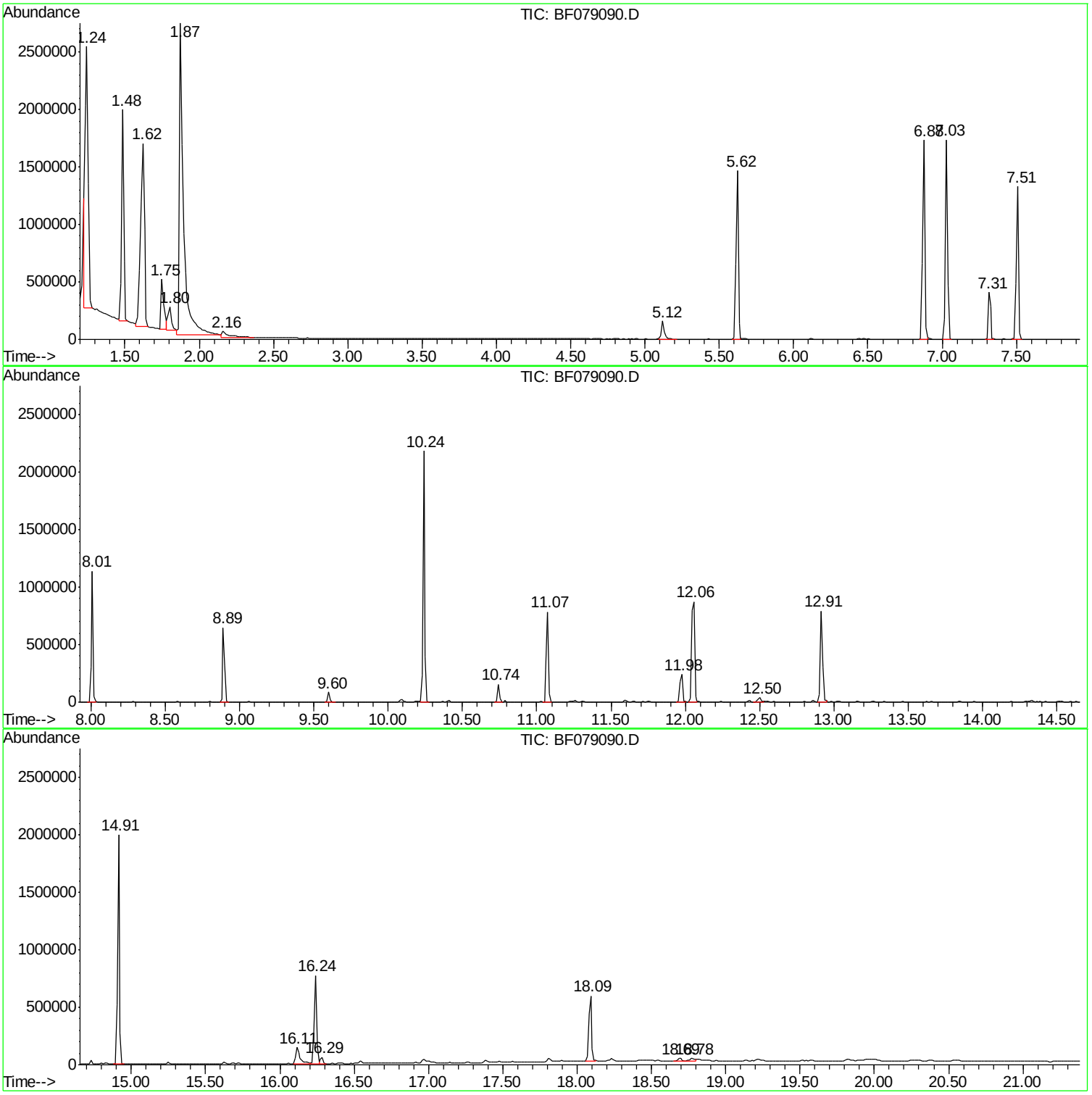
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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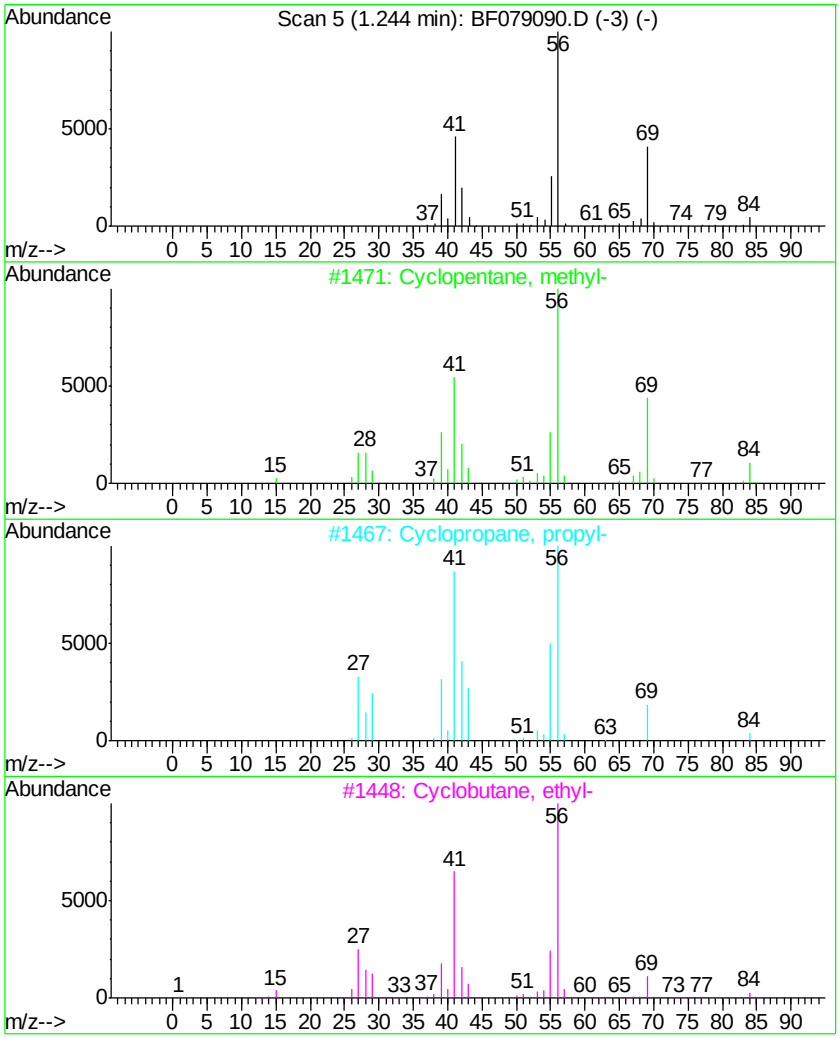
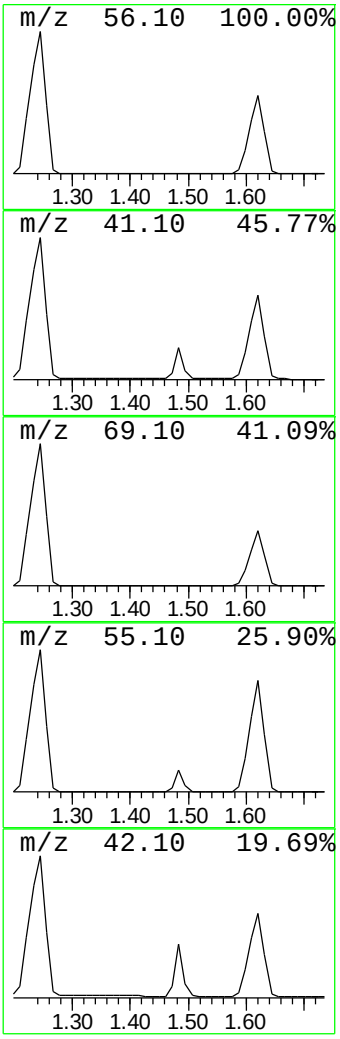
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	144.06 ng	3540480	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopropane, propyl-	84	C6H12	002415-72-7	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
5	Aziridine, 1-(2-buten-2-yl)-	97	C6H11N	1000158-95-2	9





Library Search Compound Report

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Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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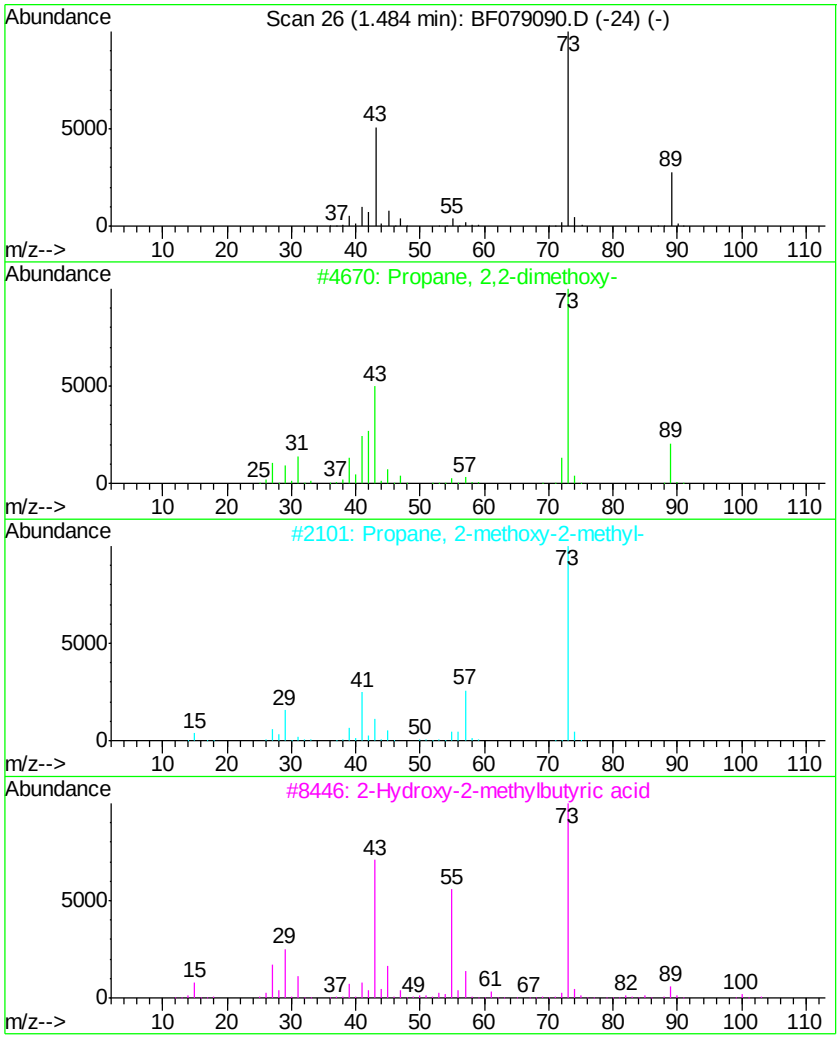
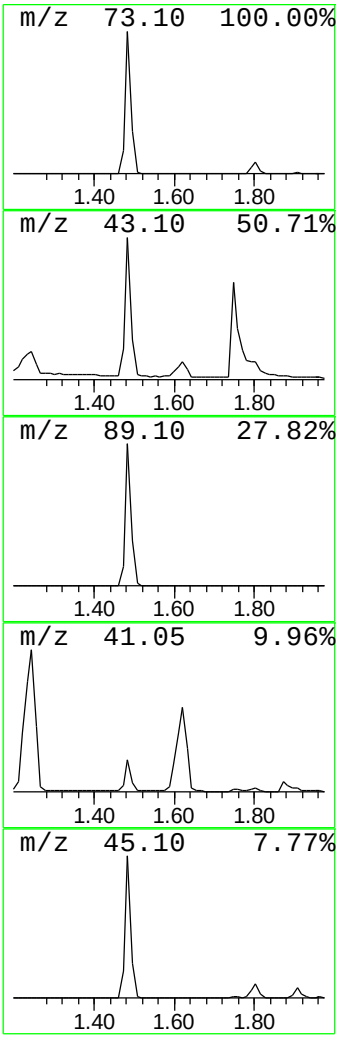
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	75.62 ng	1858370	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7





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Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

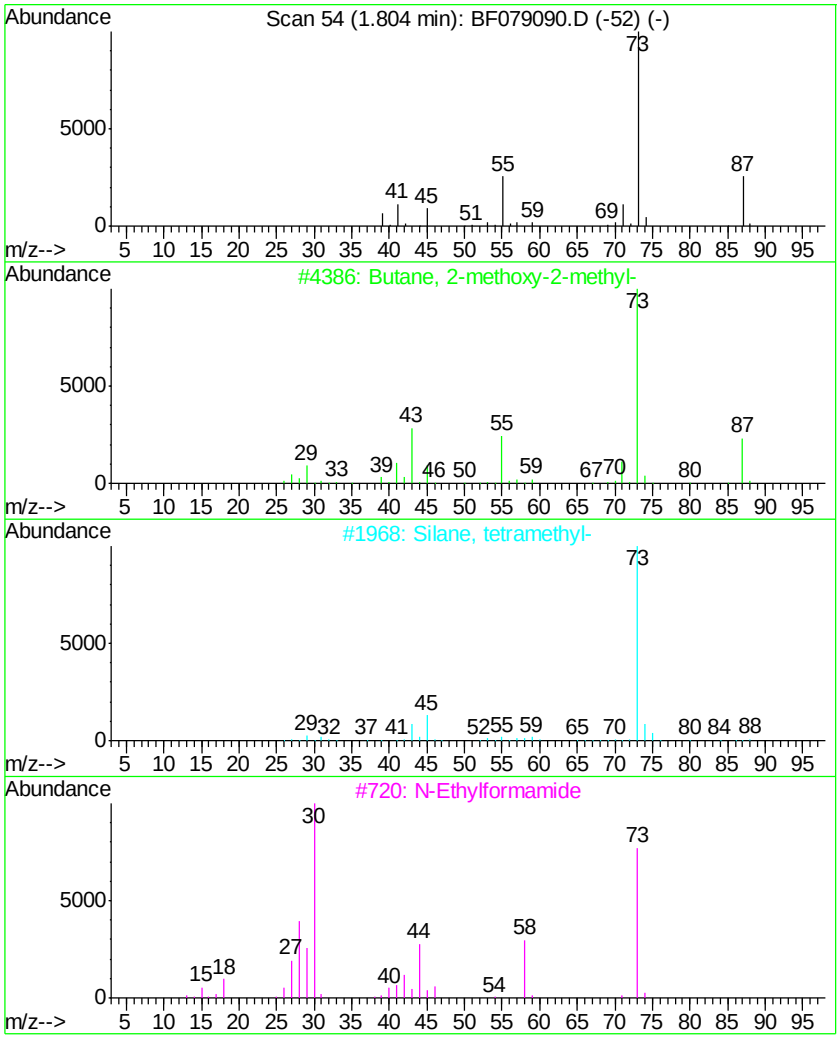
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

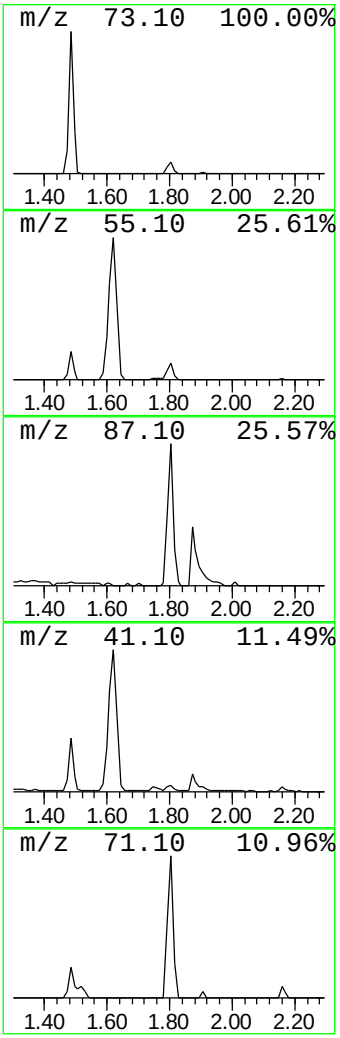
****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	11.80 ng	289887	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

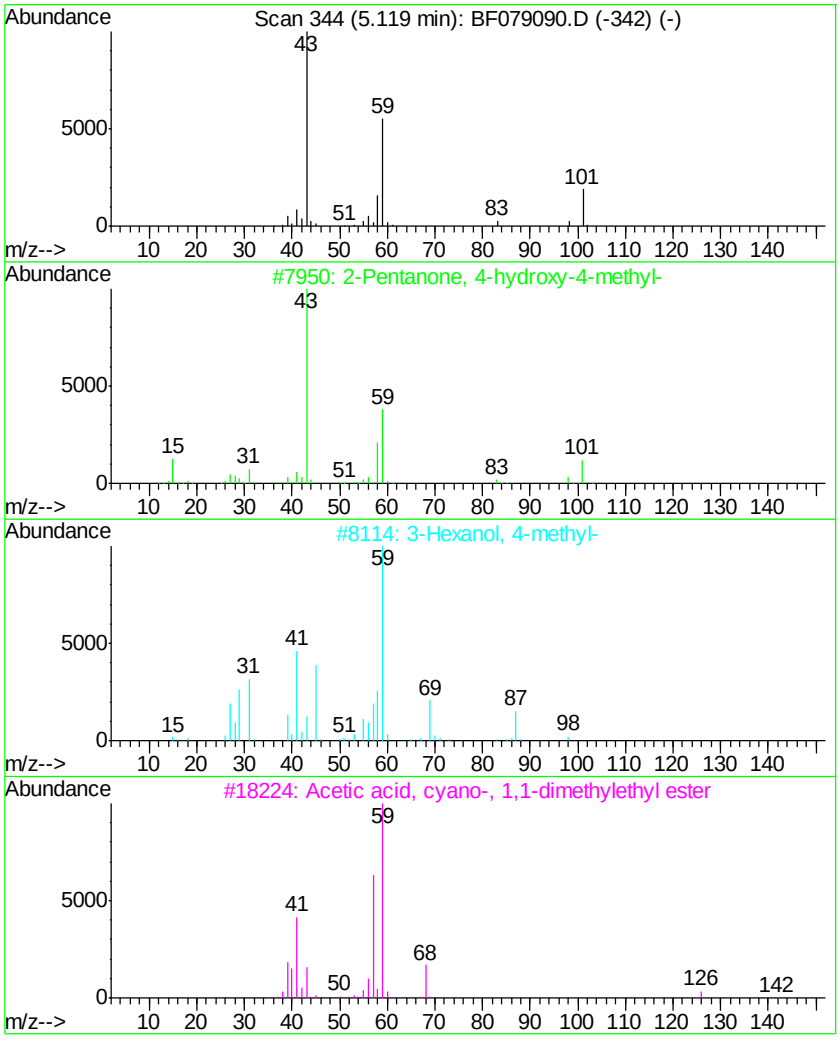
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

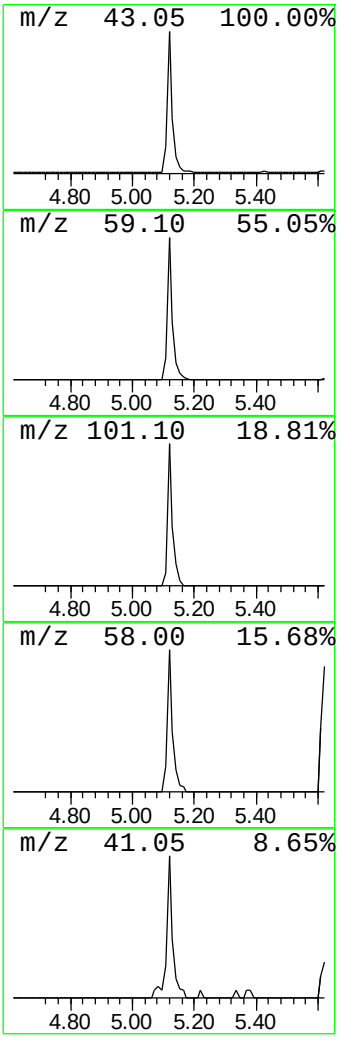
****

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	7.58 ng	186350	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
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Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

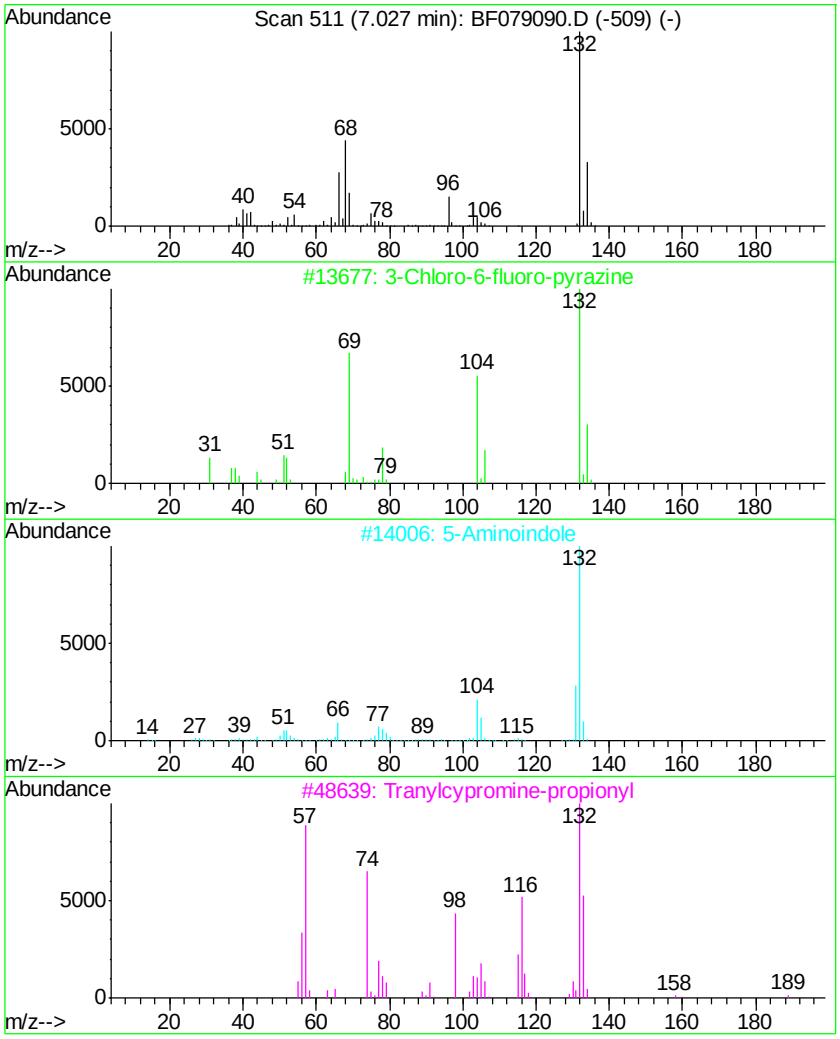
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

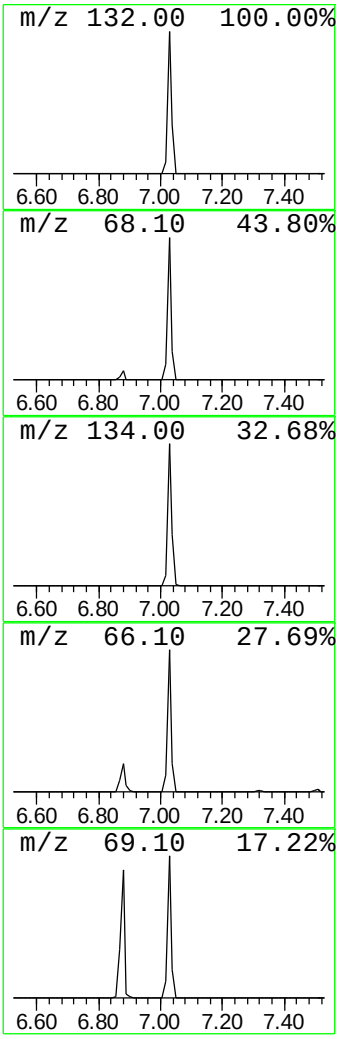
****

Peak Number 9 unknown7.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	66.53 ng	1635140	1,4-Dichlorobenzene-d4	7.31

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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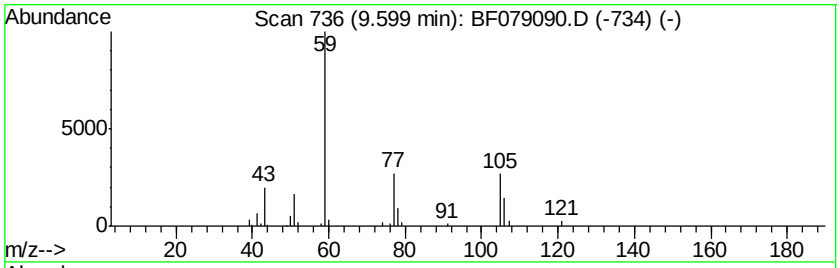
TIC Integration Parameters: LSCINT.P

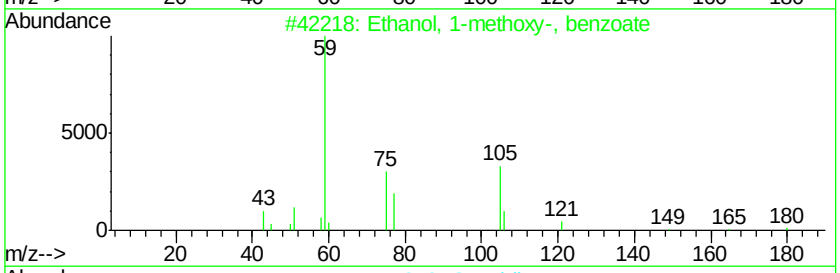
****

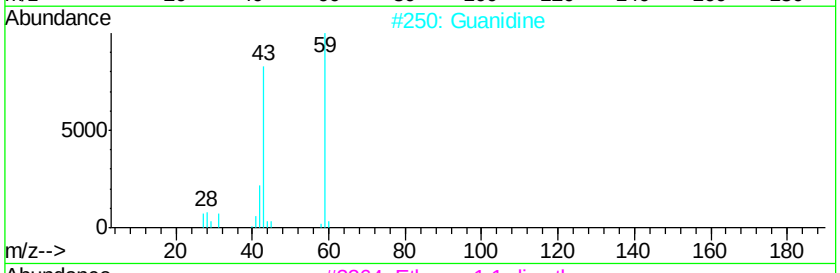
Peak Number 11 Ethanol, 1-methoxy-, benzoate Concentration Rank 13

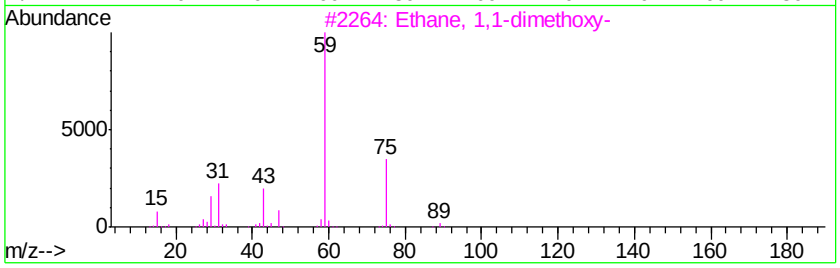
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.21 ng	74942	Naphthalene-d8	8.89

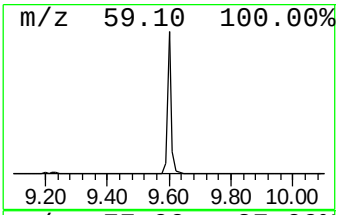
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	64
2	Guanidine	59	CH5N3	000113-00-8	9
3	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5

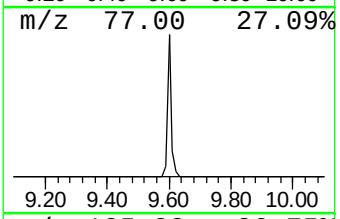


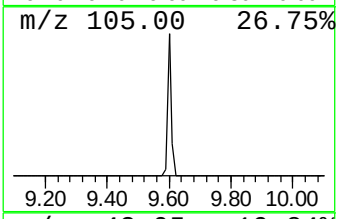


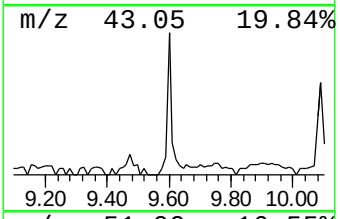


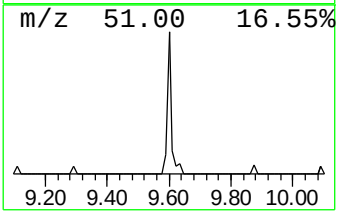












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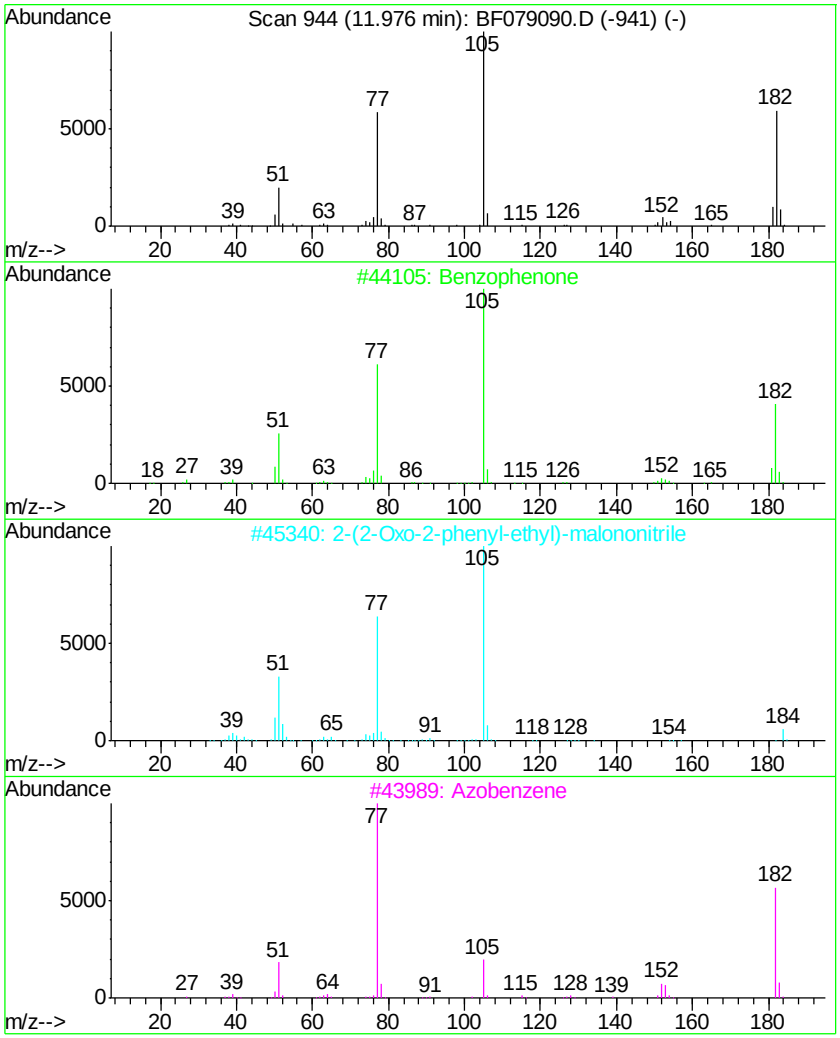
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

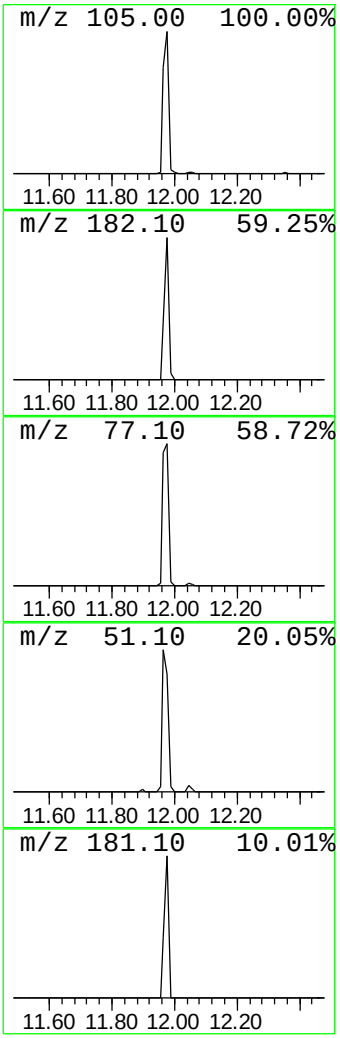
****

Peak Number 12 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.62 ng	296179	Acenaphthene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	Azobenzene	182	C12H10N2	000103-33-3	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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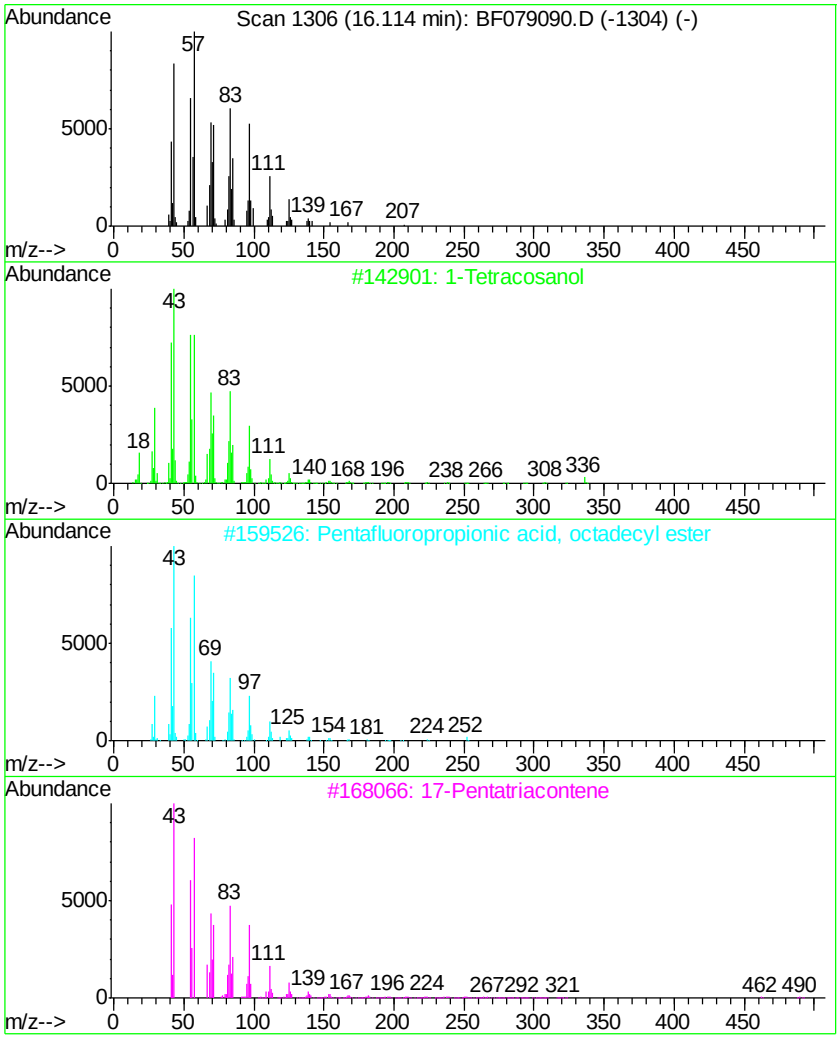
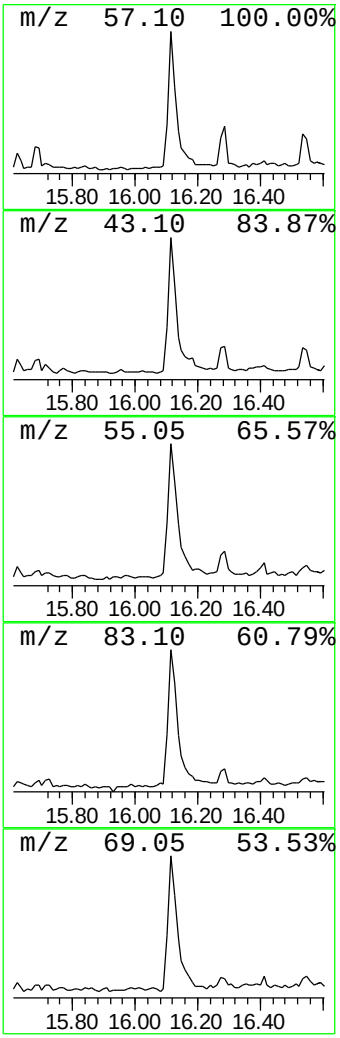
****

Peak Number 13 1-Tetracosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	7.02 ng	287548	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	74
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079090.D
Acq On : 9 May 2015 19:56
Operator : TP/IZ
Sample : G2087-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-5-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Cyclopentane, met...	1.24	144.1	ng	3540480	1	7.31	491528	20.0
Propane, 2,2-dime...	1.48	75.6	ng	1858370	1	7.31	491528	20.0
Butane, 2-methoxy...	1.80	11.8	ng	289887	1	7.31	491528	20.0
2-Pentanone, 4-hy...	5.12	7.6	ng	186350	1	7.31	491528	20.0
unknown7.03	7.03	66.5	ng	1635140	1	7.31	491528	20.0
Ethanol, 1-methox...	9.60	2.2	ng	74942	2	8.89	679251	20.0
Benzophenone	11.98	7.6	ng	296179	3	11.07	777108	20.0
1-Tetracosanol	16.11	7.0	ng	287548	5	16.24	818792	20.0