LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

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-BF090115.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	1.224	9	12	14	rBV	3200355	3610772	59.65%	16.056%
2	1.292	17	18	29	rVB3	29427	69671	1.15%	0.310%
3	1.441	29	31	37	rBV	229693	628617	10.38%	2.795%
4	1.521	37	38	88	rVB	1645658	6053721	100.00%	26.920%
5	4.436	290	293	313	rBV	102338	292438	4.83%	1.300%
6	5.316	368	370	393	rBV	299270	683164	11.29%	3.038%
7	7.590	567	569	574	rBV	166376	366929	6.06%	1.632%
8	7.682	574	577	586	rVB	772813	1390411	22.97%	6.183%
9	8.162	615	619	627	rBB	150796	267280	4.42%	1.189%
10	8.482	644	647	657	rBV	694728	1273284	21.03%	5.662%
11	9.465	729	733	736	rBV	541661	1075224	17.76%	4.781%
12	11.053	869	872	878	rBV	175466	325554	5.38%	1.448%
13	13.705	1100	1104	1107	rBV	1007909	1877604	31.02%	8.349%
14	15.191	1230	1234	1243	rVB	201446	385759	6.37%	1.715%
15	16.654	1358	1362	1367	rVB	40035	92705	1.53%	0.412%
16	16.780	1367	1373	1376	rBV4	22529	79567	1.31%	0.354%
17	17.100	1397	1401	1407	rBV	591242	1158509	19.14%	5.152%
18	17.225	1409	1412	1421	rVB2	34287	110848	1.83%	0.493%
19	18.700	1537	1541	1547	rVB	211788	375467	6.20%	1.670%
20	20.471	1692	1696	1703	rBV	52458	126765	2.09%	0.564%
21	21.877	1816	1819	1826	rBV	46724	84891	1.40%	0.377%
22	22.072	1833	1836	1839	rBV	1304570	1652279	27.29%	7.347%
23	23.352	1946	1948	1952	rVB	206289	303845	5.02%	1.351%
24	24.780	2071	2073	2079	rBV	153562	202850	3.35%	0.902%

Sum of corrected areas: 22488154

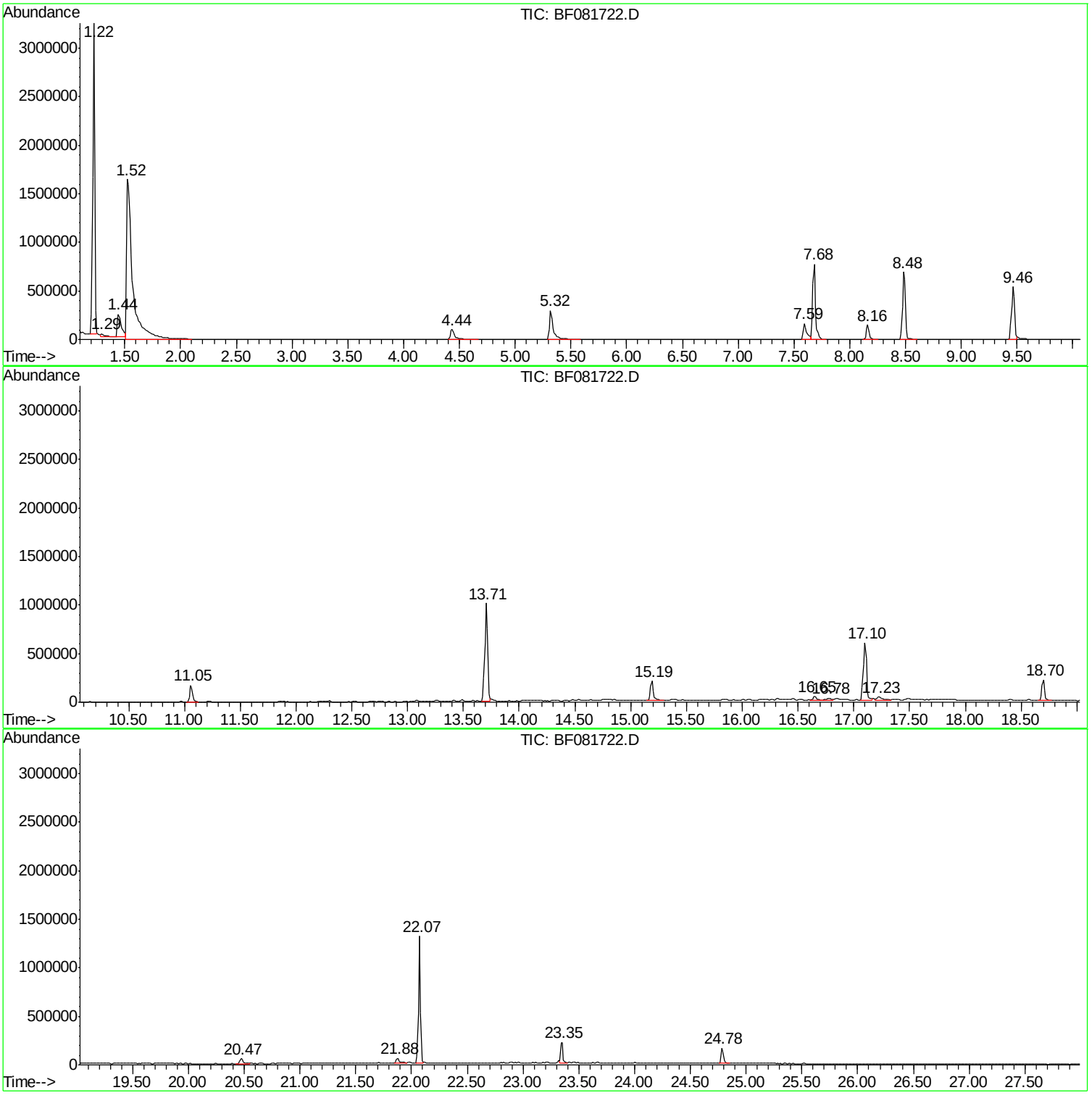
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

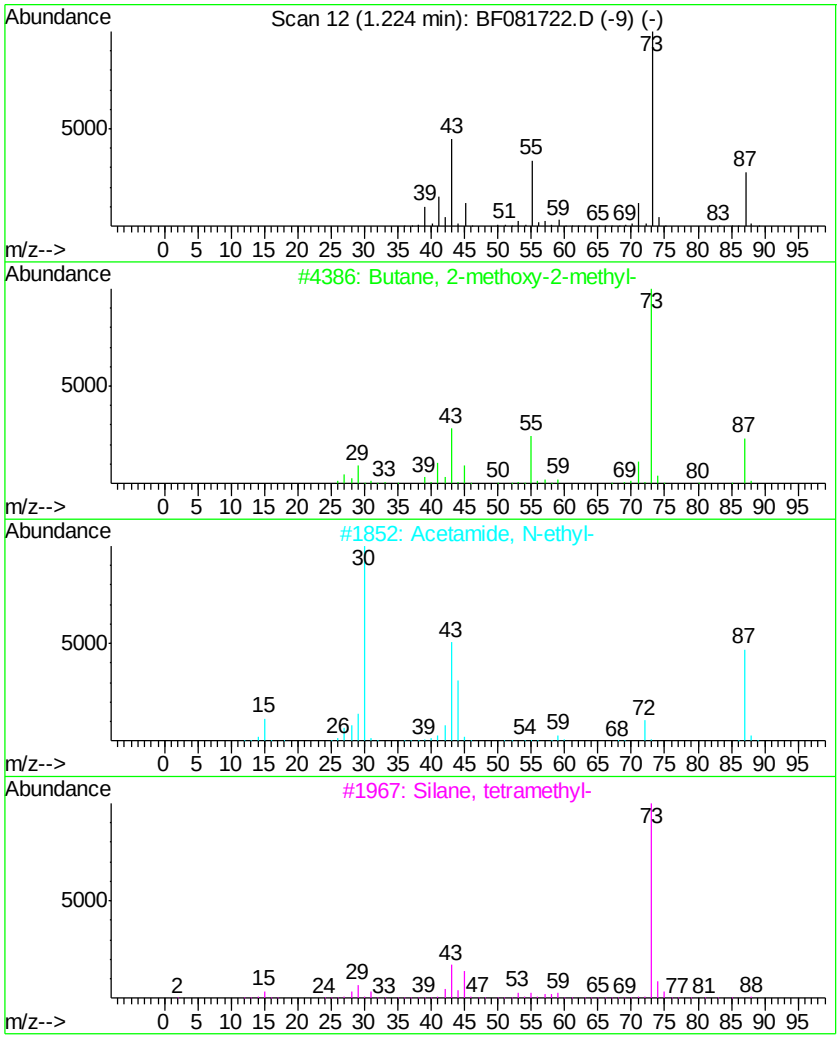
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

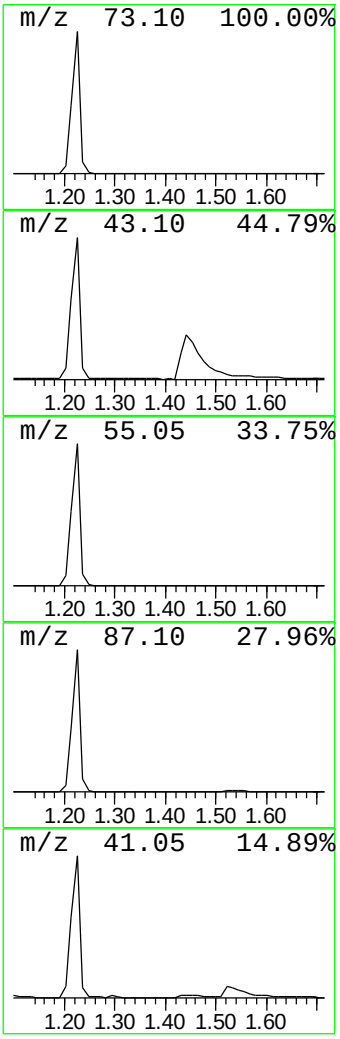
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	270.19 ng	3610770	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

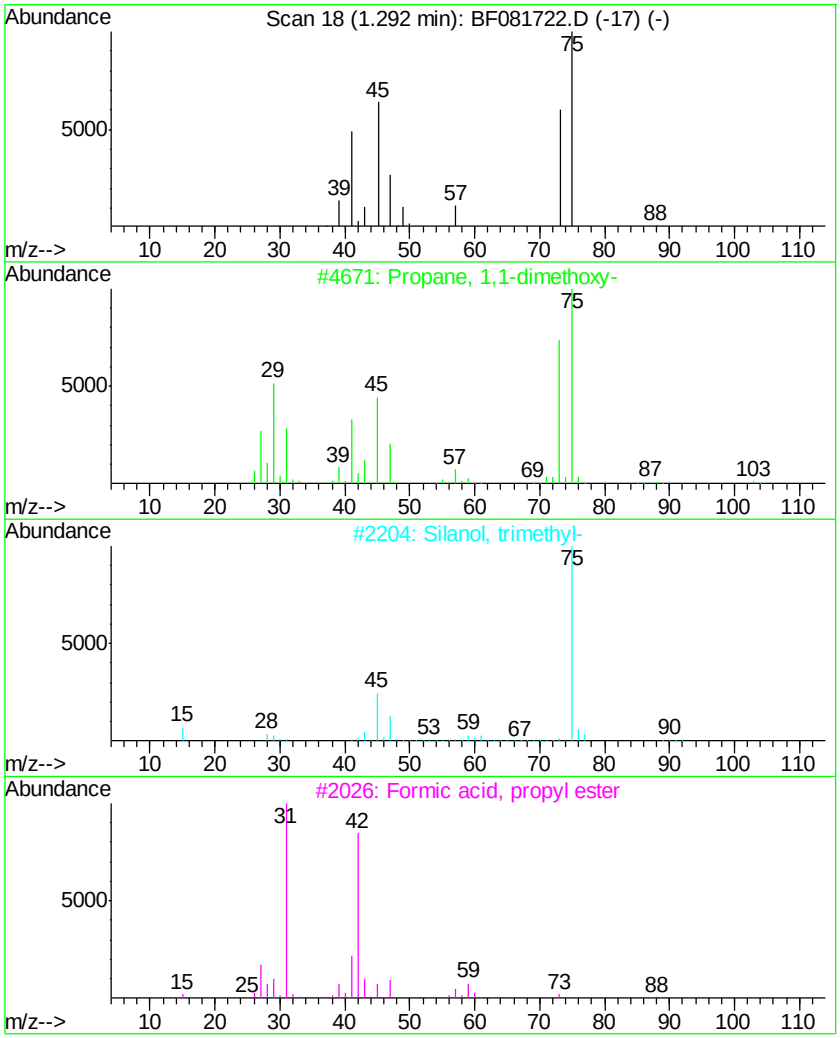
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

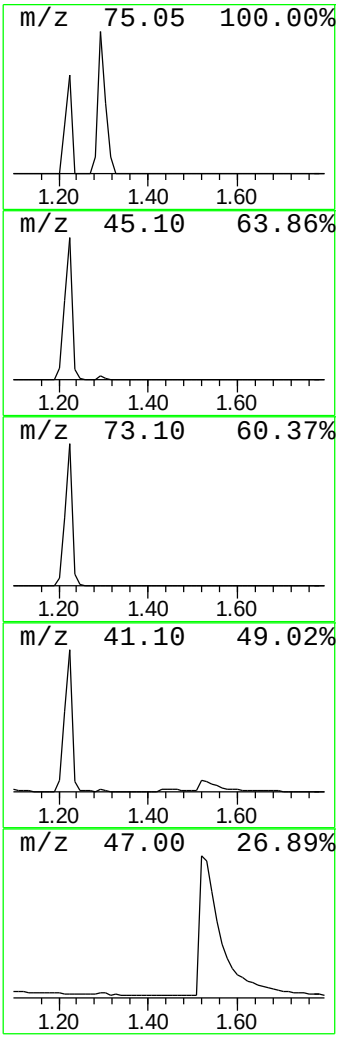
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	5.21 ng	69671	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
3	Formic acid, propyl ester	88	C4H8O2	000110-74-7	7
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	5
5	Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

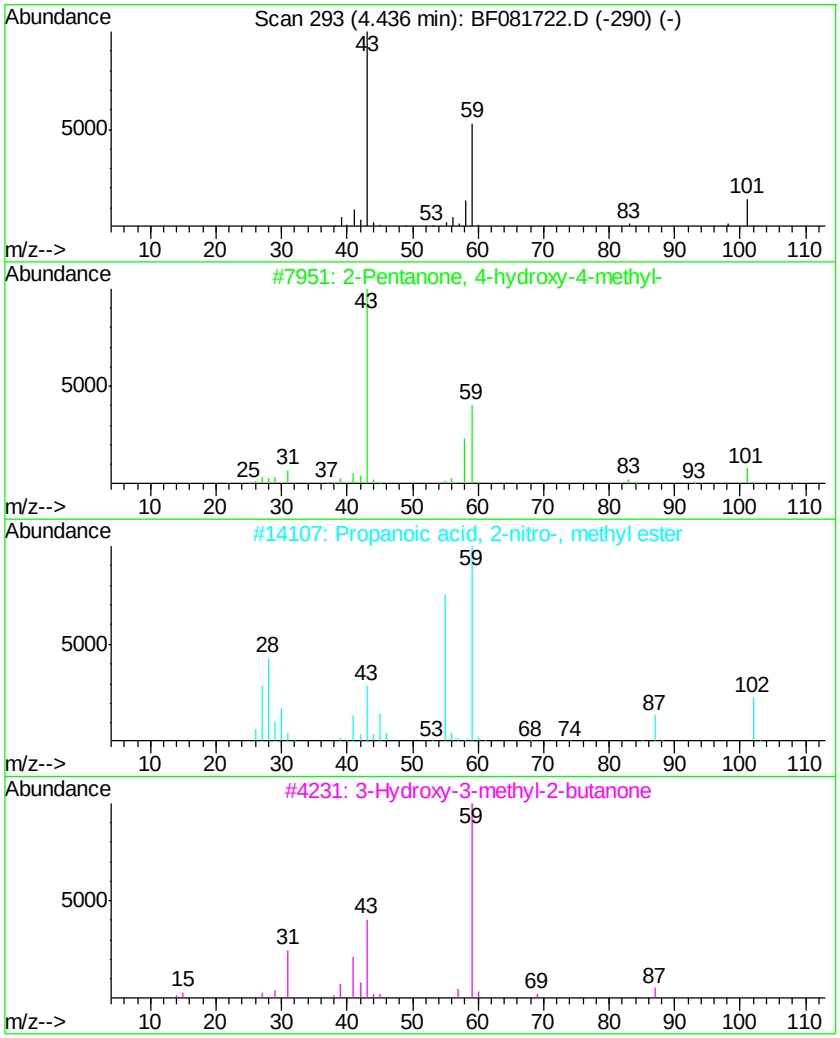
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

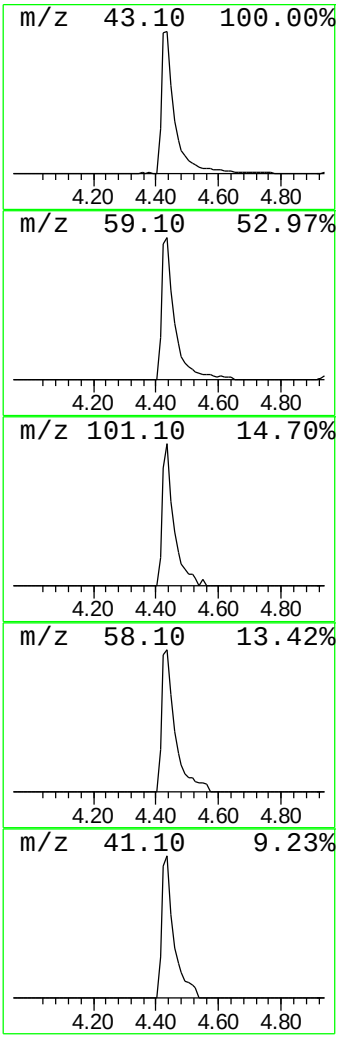
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	21.88 ng	292438	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

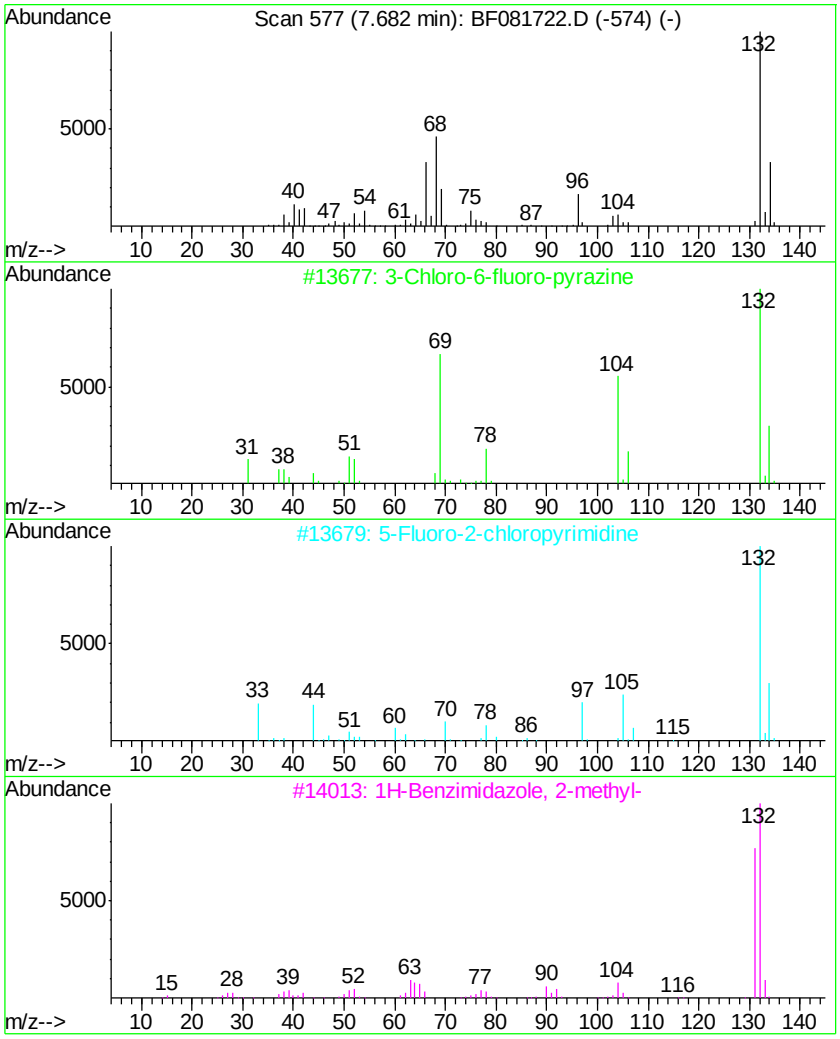
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

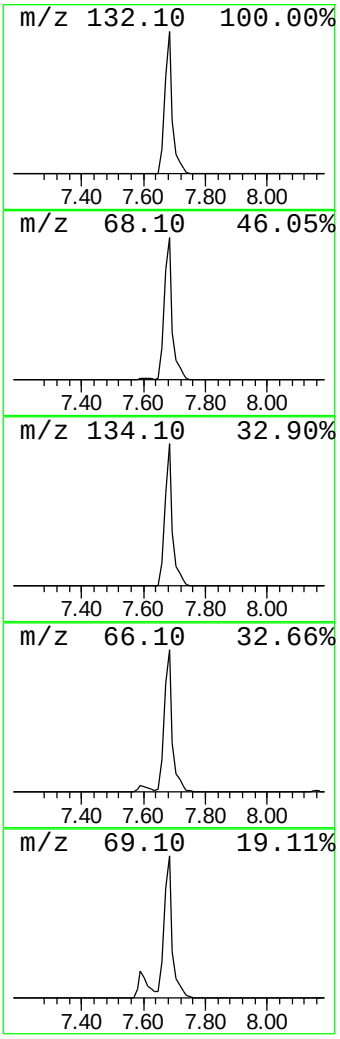
****

Peak Number 6 unknown7.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	104.04 ng	1390410	1,4-Dichlorobenzene-d4	8.16

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	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

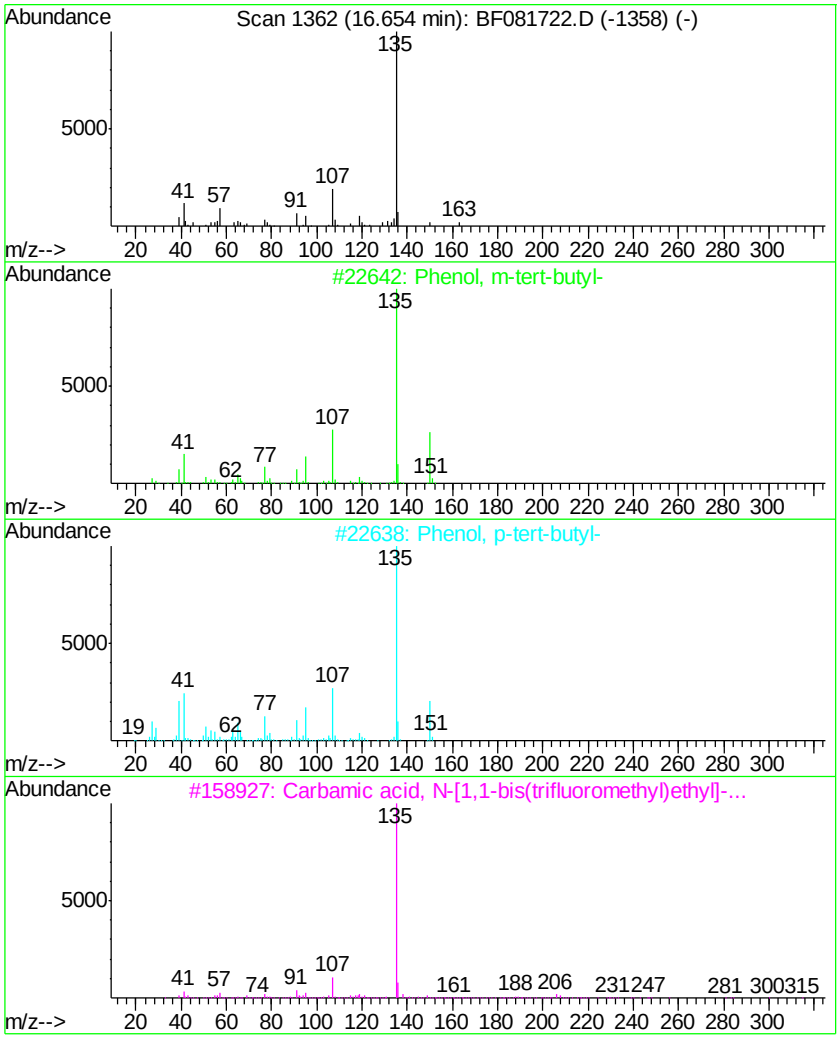
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

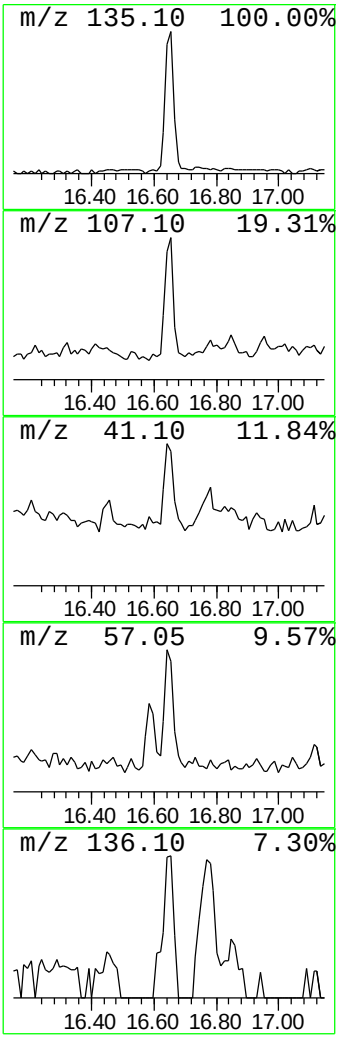
****

Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.81 ng	92705	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	45
4	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	45
5	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

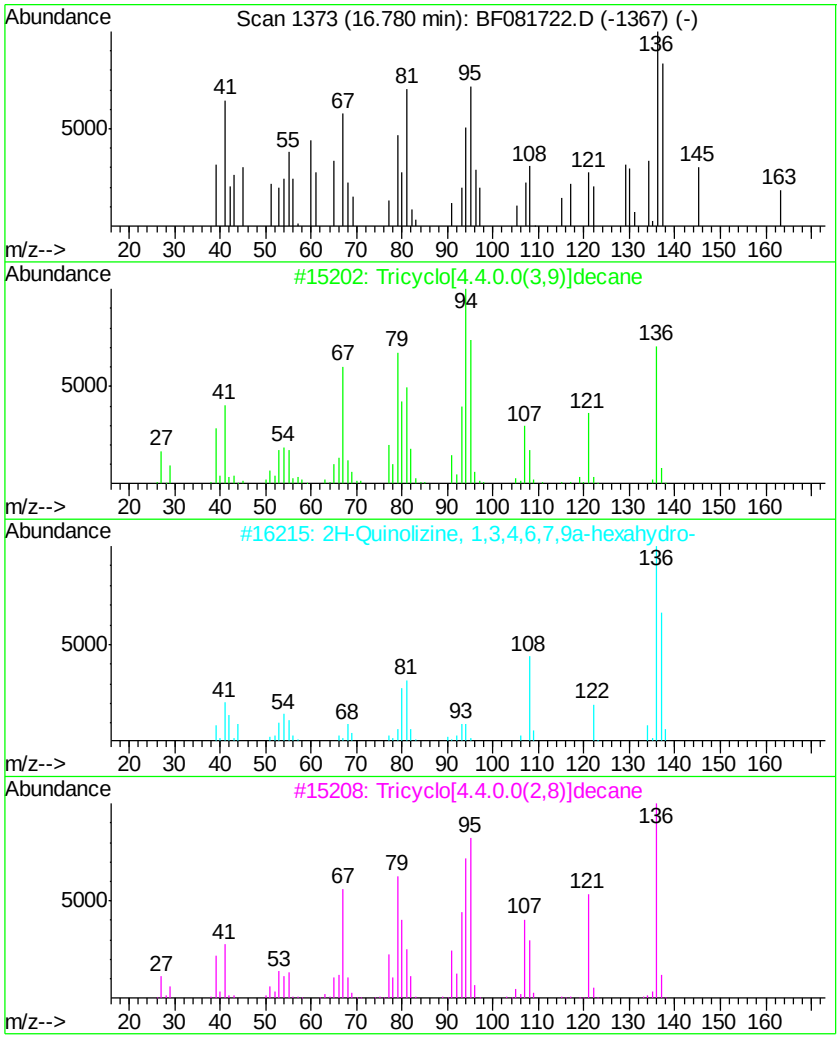
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

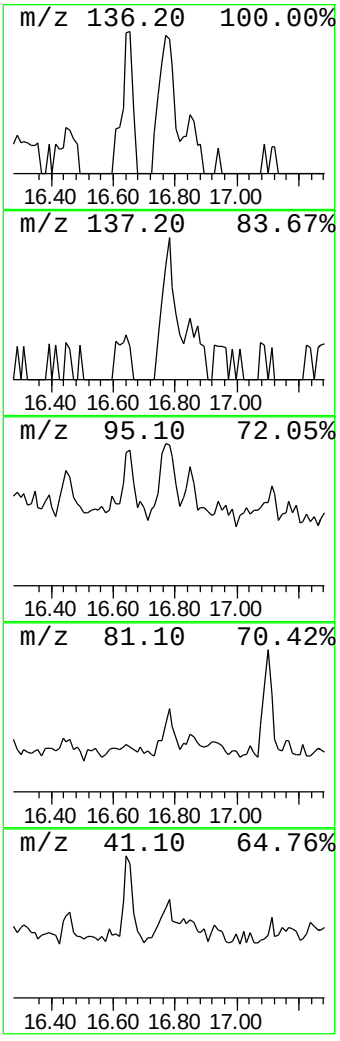
****

Peak Number 9 unknown16.78 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.13 ng	79567	Acenaphthene-d10	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.0.0(3,9)]decane	136	C10H16	029185-96-4	38
2	2H-Quinolizine, 1,3,4,6,7,9a-hex...	137	C9H15N	001004-90-6	38
3	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	30
4	Decahydro .beta.-naphthol 1	154	C10H18O	1000285-14-4	27
5	Methanethioamide, N-phenyl-	137	C7H7NS	000637-51-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

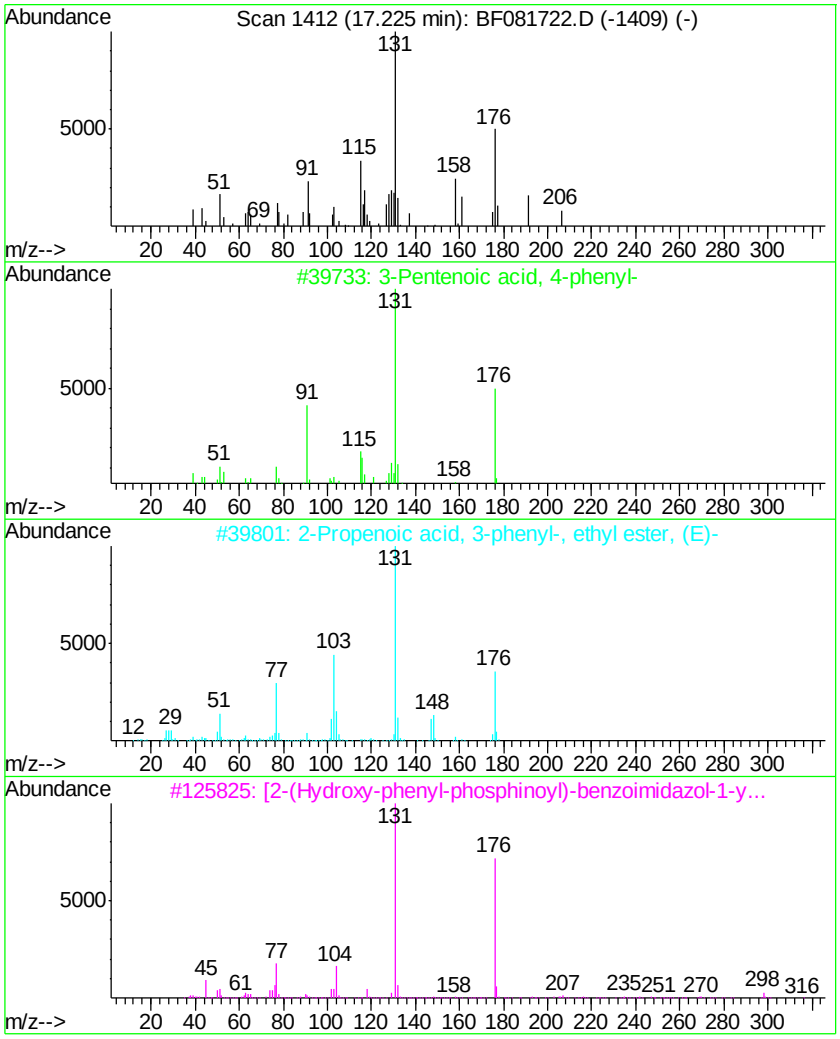
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

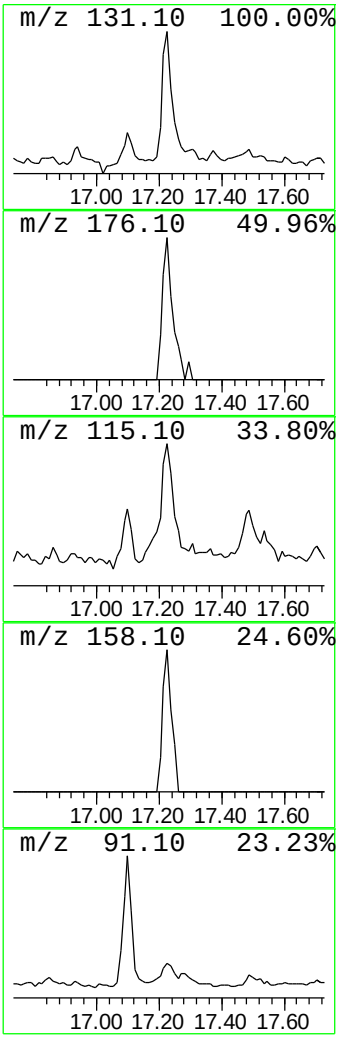
****

Peak Number 10 3-Pentenoic acid, 4-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	5.90 ng	110848	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
2	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	42
3	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	40
4	3-Hydroxy-2-p-tolyl-2-butenenitrile	173	C11H11NO	1000243-87-8	38
5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

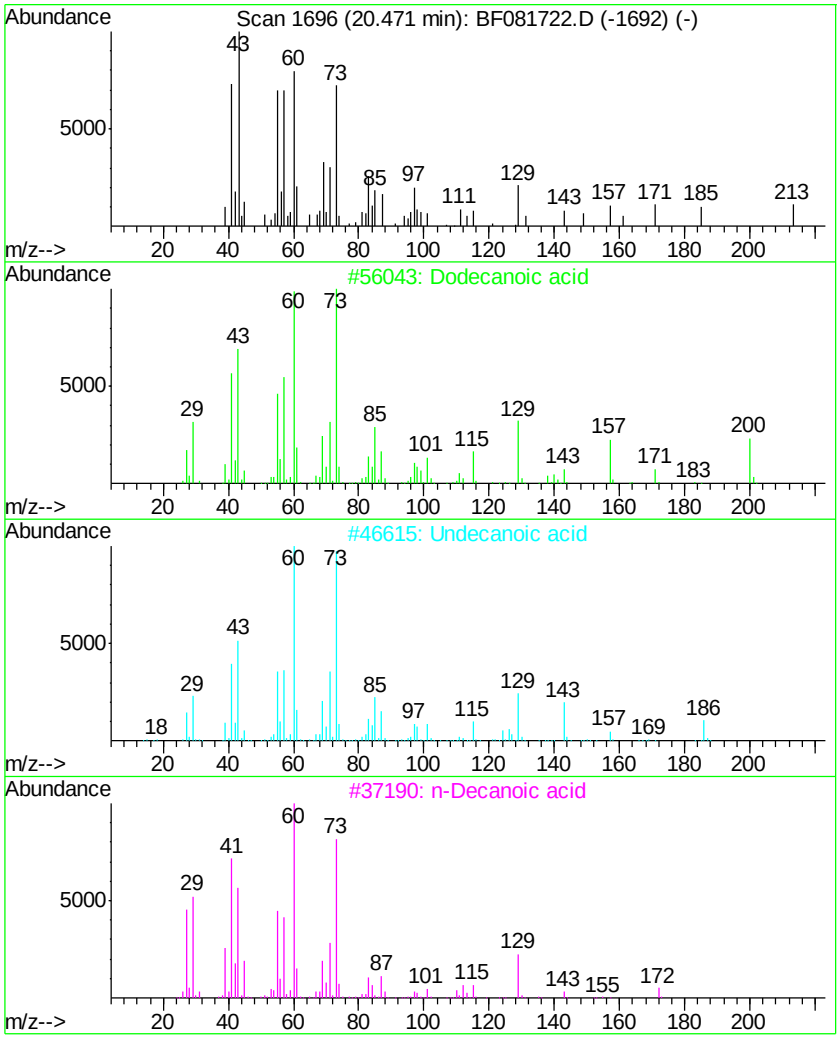
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

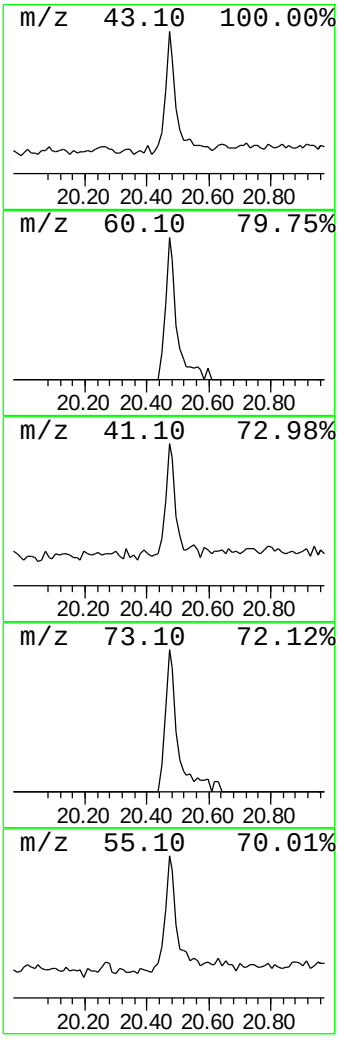
****

Peak Number 11 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	6.75 ng	126765	Phenanthrene-d10	18.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	53
2	Undecanoic acid	186	C11H22O2	000112-37-8	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	38
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

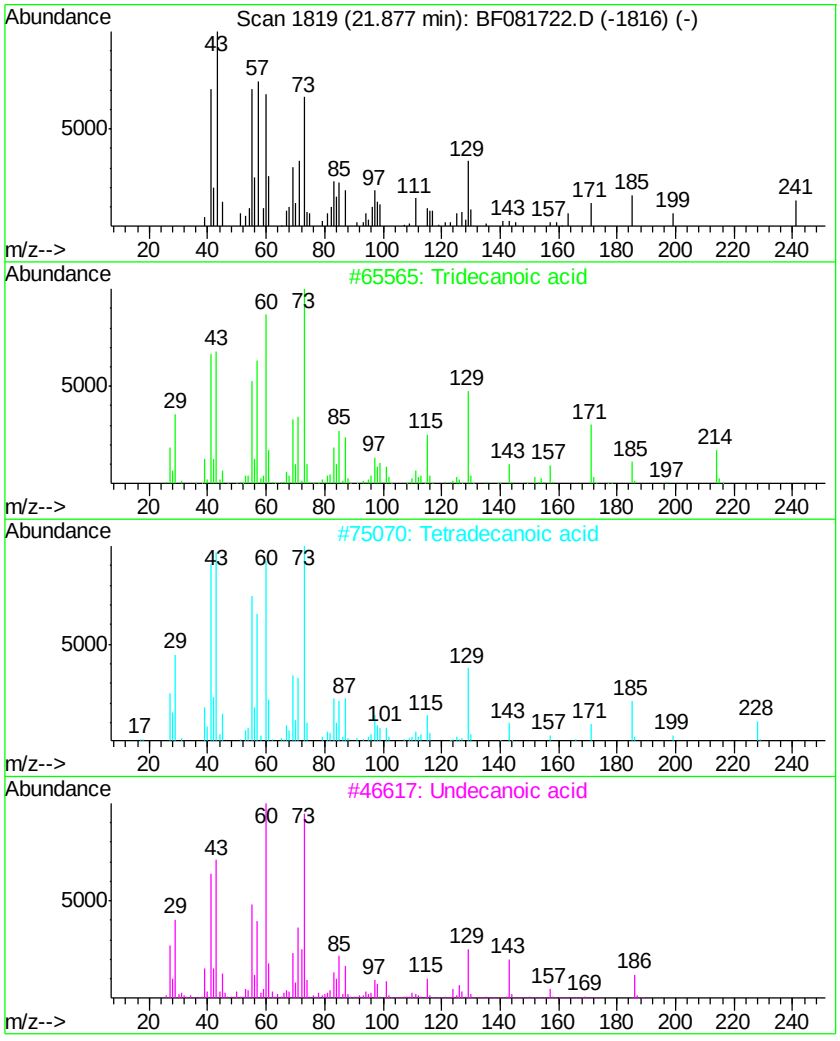
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

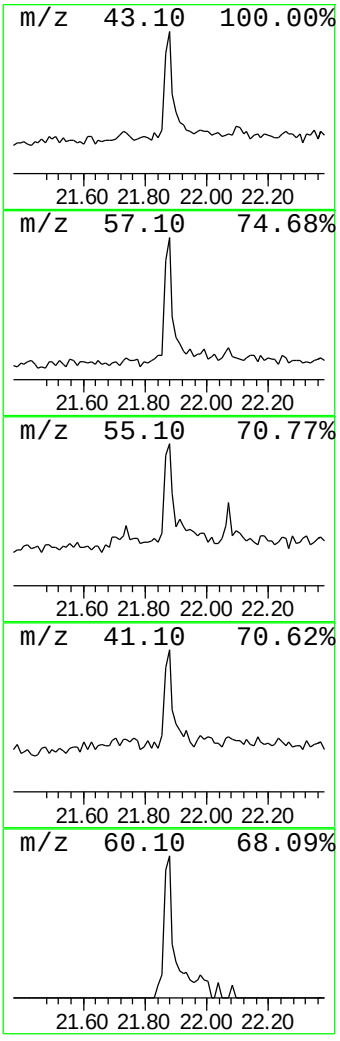
****

Peak Number 12 unknown21.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	5.59 ng	84891	Chrysene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	45
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
3	Undecanoic acid	186	C11H22O2	000112-37-8	38
4	Lactose	342	C12H22O11	000063-42-3	38
5	6-Methyl(pentamethylene)silyloxy...	312	C19H40OSi	1000278-78-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081722.D
Acq On : 21 Sep 2015 19:41
Operator : UM/IZ
Sample : G3717-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-9-17-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.22	270.2	ng	3610770	1	8.16	267280	20.0
Propane, 1,1-dime...	1.29	5.2	ng	69671	1	8.16	267280	20.0
2-Pentanone, 4-hy...	4.44	21.9	ng	292438	1	8.16	267280	20.0
unknown7.68	7.68	104.0	ng	1390410	1	8.16	267280	20.0
Phenol, m-tert-bu...	16.65	4.8	ng	92705	3	15.19	385759	20.0
unknown16.78	16.78	4.1	ng	79567	3	15.19	385759	20.0
3-Pentenoic acid,...	17.23	5.9	ng	110848	4	18.70	375467	20.0
Dodecanoic acid	20.47	6.8	ng	126765	4	18.70	375467	20.0
unknown21.88	21.88	5.6	ng	84891	5	23.35	303845	20.0