LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-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-BF072016.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	1.713	9	11	50	rVB	439946	903056	64.07%	7.506%
2	4.707	271	273	280	rBV	39640	63538	4.51%	0.528%
3	5.164	310	313	338	rBV	925978	1274564	90.42%	10.593%
4	6.239	405	407	414	rBV	1040198	1343299	95.30%	11.165%
5	6.342	414	416	419	rBV	860025	1205443	85.52%	10.019%
6	6.582	435	437	448	rBV	195755	252182	17.89%	2.096%
7	6.730	448	450	453	rBV	963256	944293	66.99%	7.848%
8	7.153	484	487	496	rBV	643009	843957	59.87%	7.014%
9	7.279	496	498	503	rVB	7630	16245	1.15%	0.135%
10	7.862	547	549	560	rBV	385173	380346	26.98%	3.161%
11	8.948	641	644	646	rBV	1162470	1409564	100.00%	11.716%
12	9.348	676	679	681	rBV	284634	375840	26.66%	3.124%
13	9.611	699	702	704	rBV	382785	379160	26.90%	3.151%
14	10.399	768	771	773	rBV	471410	666347	47.27%	5.538%
15	10.525	781	782	789	rVB	18096	24768	1.76%	0.206%
16	10.971	819	821	823	rBV	20192	20037	1.42%	0.167%
17	11.085	828	831	833	rBV	251814	300811	21.34%	2.500%
18	11.394	857	858	861	rBV	13239	15908	1.13%	0.132%
19	12.502	953	955	958	rBB	104522	101812	7.22%	0.846%
20	12.662	967	969	972	rBV	909945	864900	61.36%	7.189%
21	13.211	1014	1017	1019	rBV	57950	62881	4.46%	0.523%
22	13.577	1047	1049	1058	rBV	44026	73977	5.25%	0.615%
23	13.702	1058	1060	1066	rBV	212428	231419	16.42%	1.923%
24	14.194	1098	1103	1108	rBV2	8122	18002	1.28%	0.150%
25	15.040	1175	1177	1180	rBV	160854	224551	15.93%	1.866%
26	15.085	1180	1181	1184	rVB	9720	15047	1.07%	0.125%
27	15.863	1246	1249	1254	rVB2	7500	19668	1.40%	0.163%

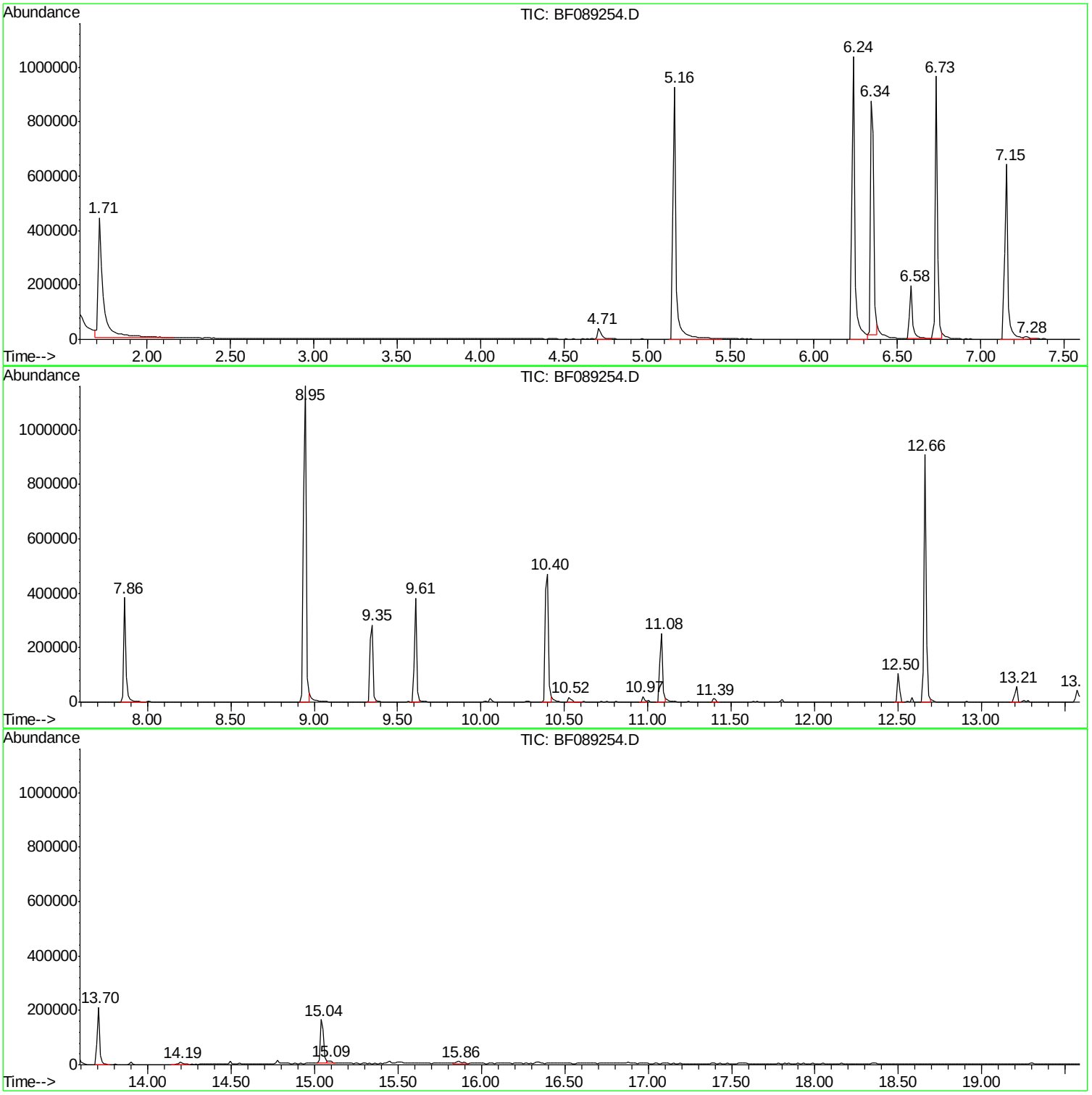
Sum of corrected areas: 12031615

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

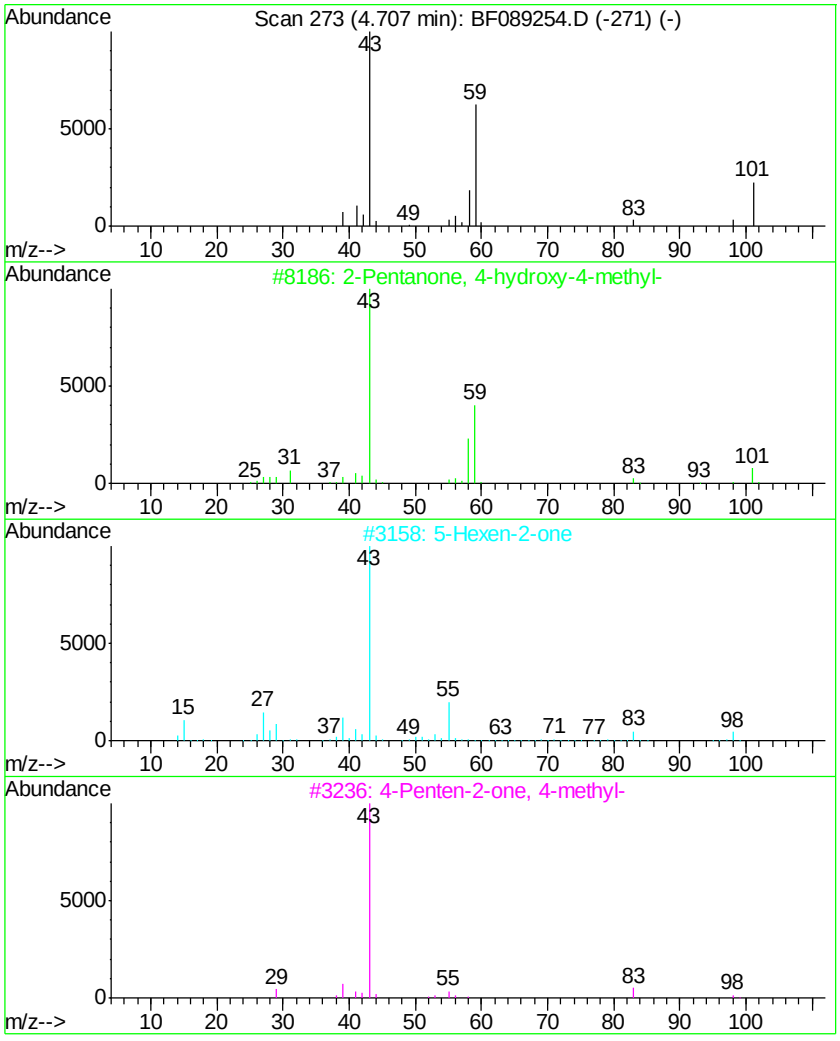
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

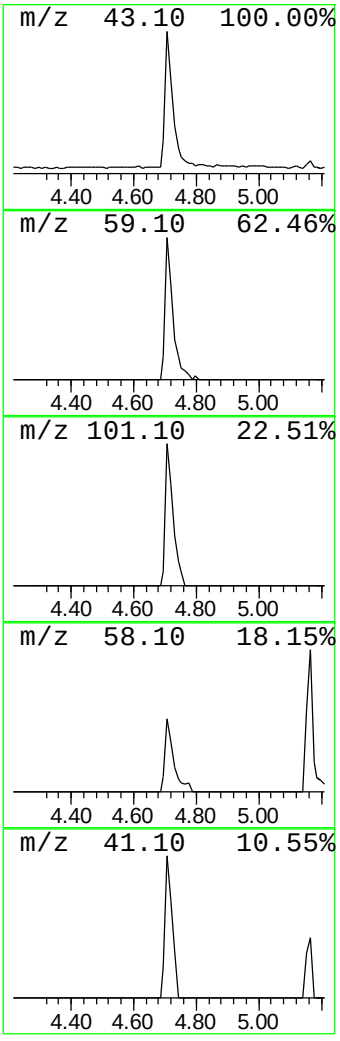
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	5.04 ng	63538	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Acetone	58	C3H6O	000067-64-1	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

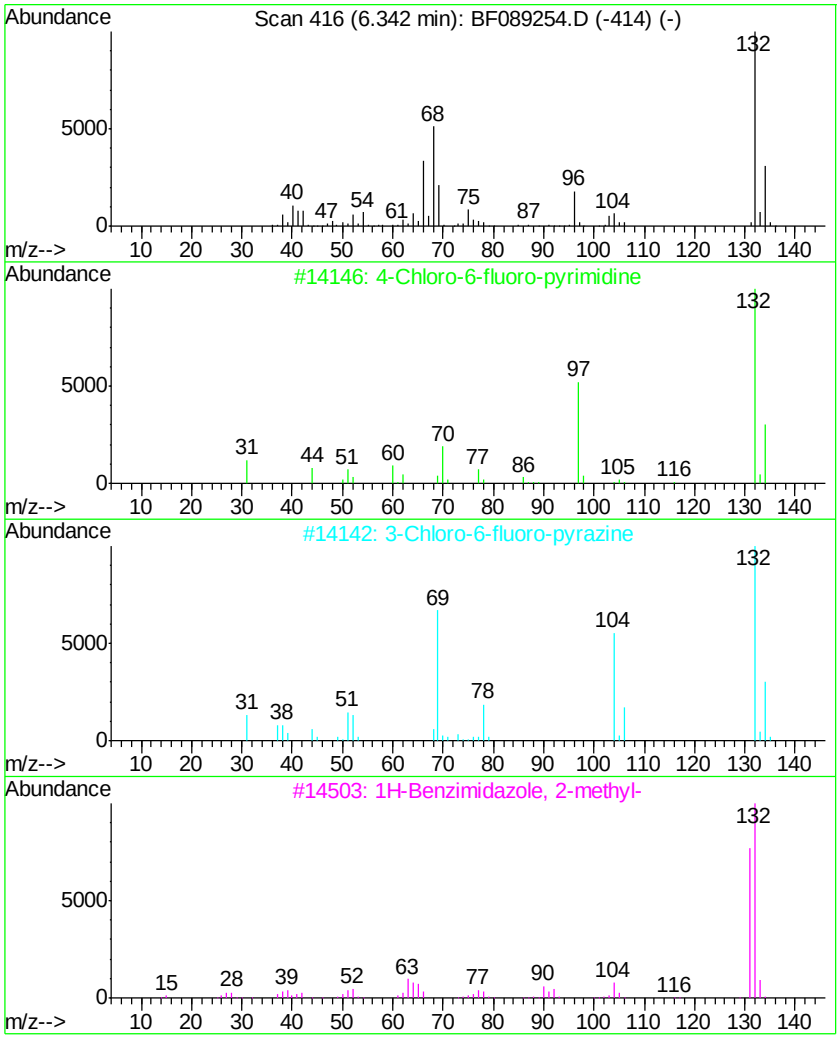
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

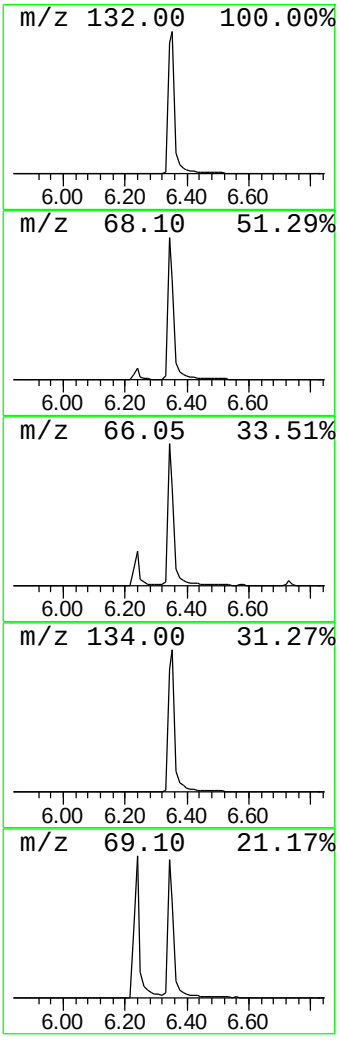
****

Peak Number 3 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	95.60 ng	1205440	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

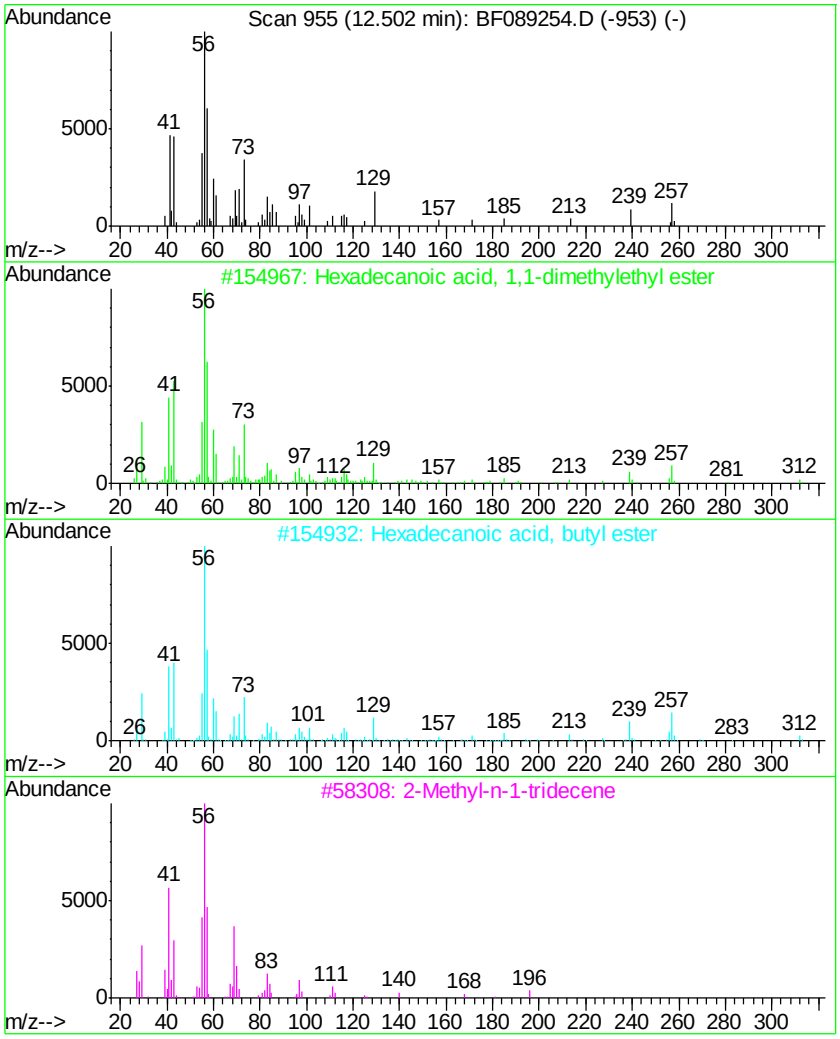
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

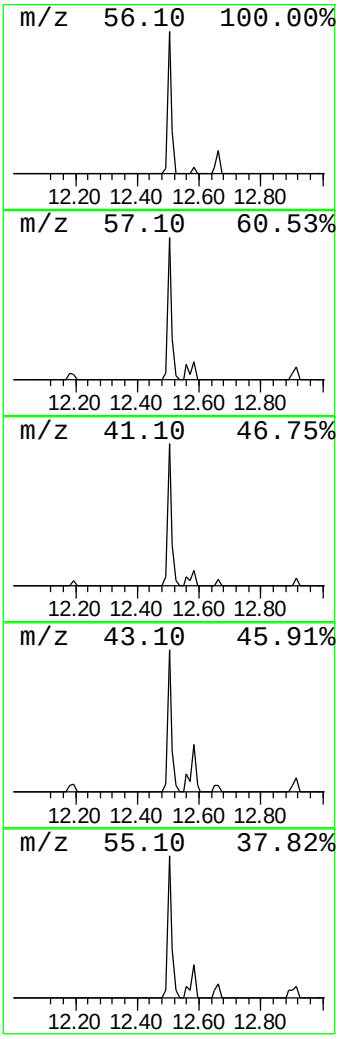
****

Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	8.80 ng	101812	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

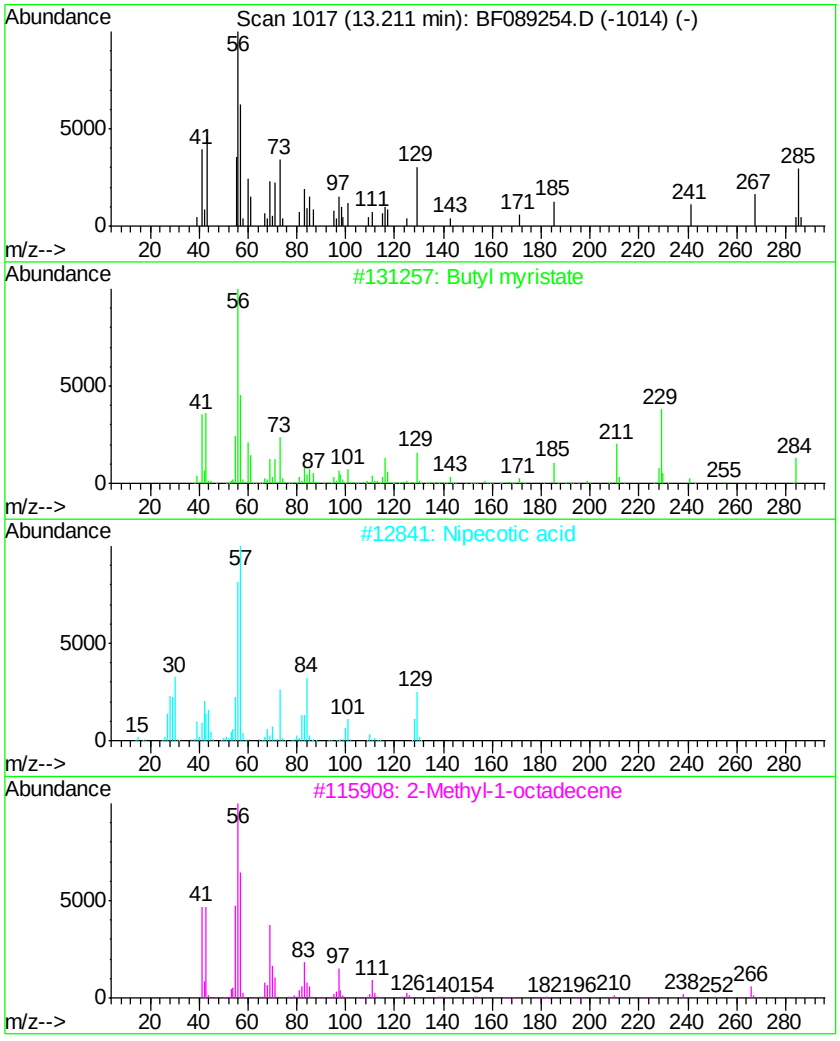
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

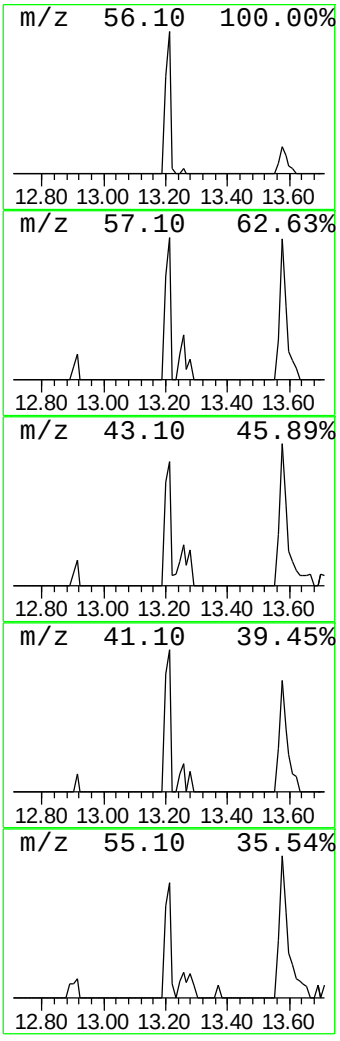
****

Peak Number 6 Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	5.43 ng	62881	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	58
2	Nipecotic acid	129	C6H11NO2	000498-95-3	38
3	2-Methyl-1-octadecene	266	C19H38	061868-20-0	27
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

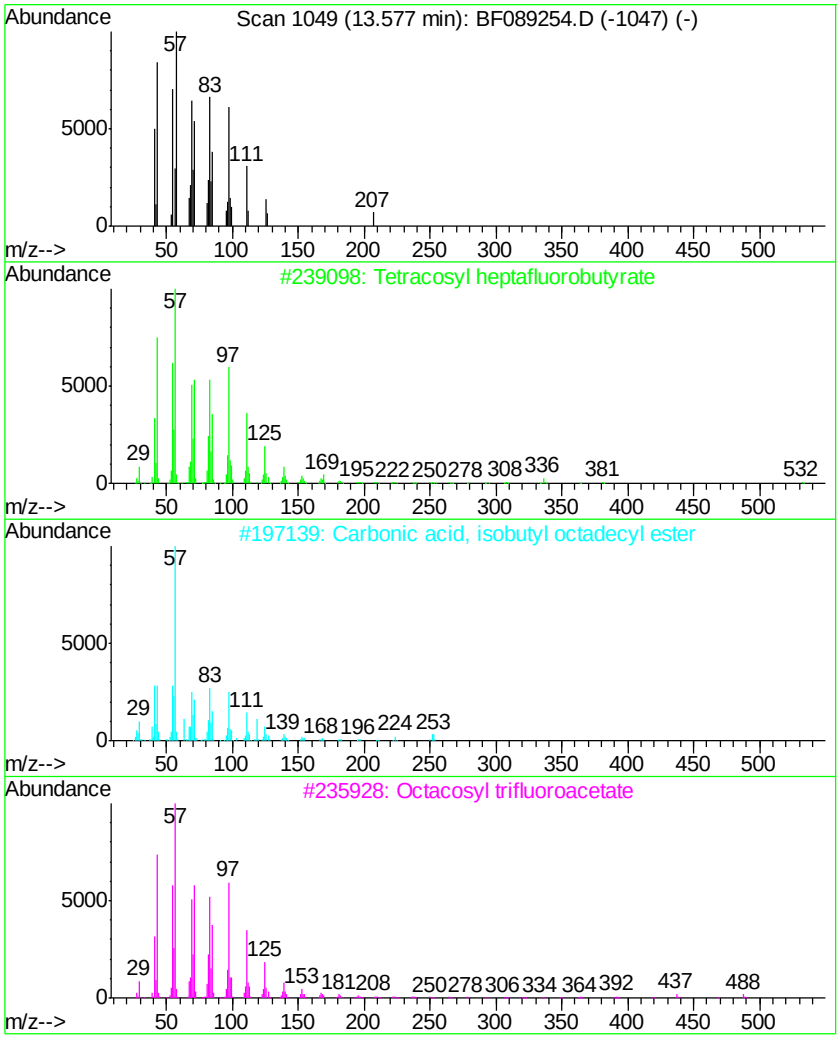
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

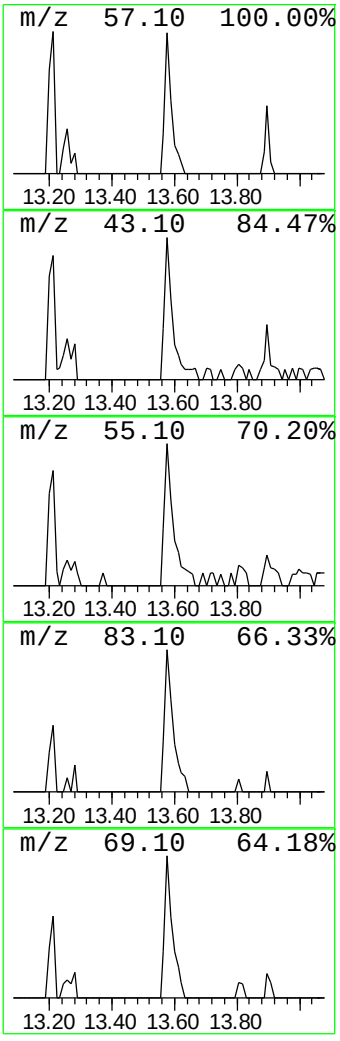
****

Peak Number 7 Tetracosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	6.39 ng	73977	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089254.D
Acq On : 24 Jul 2016 2:02
Operator : UM/SJ
Sample : H4154-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GCF-WB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	5.0	ng	63538	1	6.58	252182	20.0
unknown6.34	6.34	95.6	ng	1205440	1	6.58	252182	20.0
Hexadecanoic acid...	12.50	8.8	ng	101812	5	13.70	231419	20.0
Butyl myristate	13.21	5.4	ng	62881	5	13.70	231419	20.0
Tetracosyl heptaf...	13.58	6.4	ng	73977	5	13.70	231419	20.0