LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

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-BF063016.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	1.632	3	4	13	rVB	116363	196920	8.15%	1.367%
2	1.747	13	14	53	rVB	1076961	2415841	100.00%	16.766%
3	4.776	277	279	284	rBV	65020	92669	3.84%	0.643%
4	5.233	317	319	322	rBV	1112473	1222725	50.61%	8.486%
5	6.307	410	413	415	rBV	1223302	1488656	61.62%	10.331%
6	6.410	420	422	425	rBV	1093210	1324837	54.84%	9.194%
7	6.639	440	442	444	rBB	375543	328369	13.59%	2.279%
8	6.799	453	456	458	rBV	1208029	1032319	42.73%	7.164%
9	7.210	489	492	494	rBV	787714	745176	30.85%	5.171%
10	7.507	513	518	520	rBV	49148	45534	1.88%	0.316%
11	7.930	552	555	557	rBV	522871	455347	18.85%	3.160%
12	9.005	647	649	652	rVB	1410073	1348352	55.81%	9.357%
13	9.405	682	684	686	rVB	272960	232636	9.63%	1.614%
14	9.679	705	708	710	rBV	437542	426751	17.66%	2.962%
15	10.456	774	776	779	rBV2	515927	652869	27.02%	4.531%
16	10.593	786	788	793	rBV	35032	38663	1.60%	0.268%
17	11.039	825	827	829	rBV	28825	26338	1.09%	0.183%
18	11.153	834	837	838	rVV	365018	368492	15.25%	2.557%
19	11.702	882	885	886	rBV	22179	28060	1.16%	0.195%
20	12.354	940	942	944	rVB	62212	52053	2.15%	0.361%
21	12.582	959	962	963	rBV	48618	59498	2.46%	0.413%
22	12.731	973	975	978	rVB	785118	1027103	42.52%	7.128%
23	13.645	1052	1055	1058	rVV	60639	76322	3.16%	0.530%
24	13.771	1064	1066	1070	rBV	348644	380970	15.77%	2.644%
25	14.765	1151	1153	1156	rBV	26326	46820	1.94%	0.325%
26	15.131	1183	1185	1192	rVB	196949	296063	12.26%	2.055%

Sum of corrected areas: 14409383

LSC Report - Integrated Chromatogram

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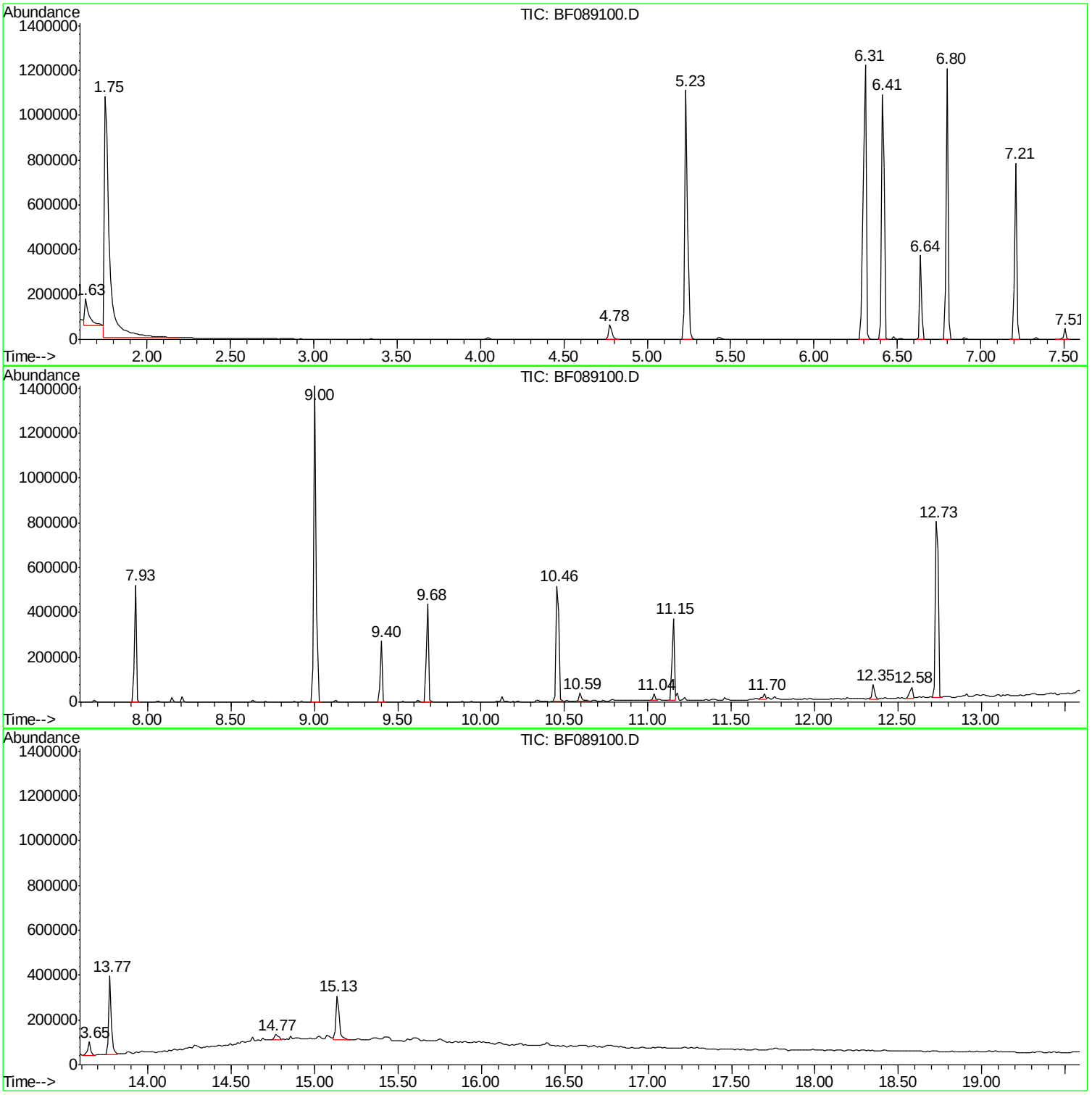
Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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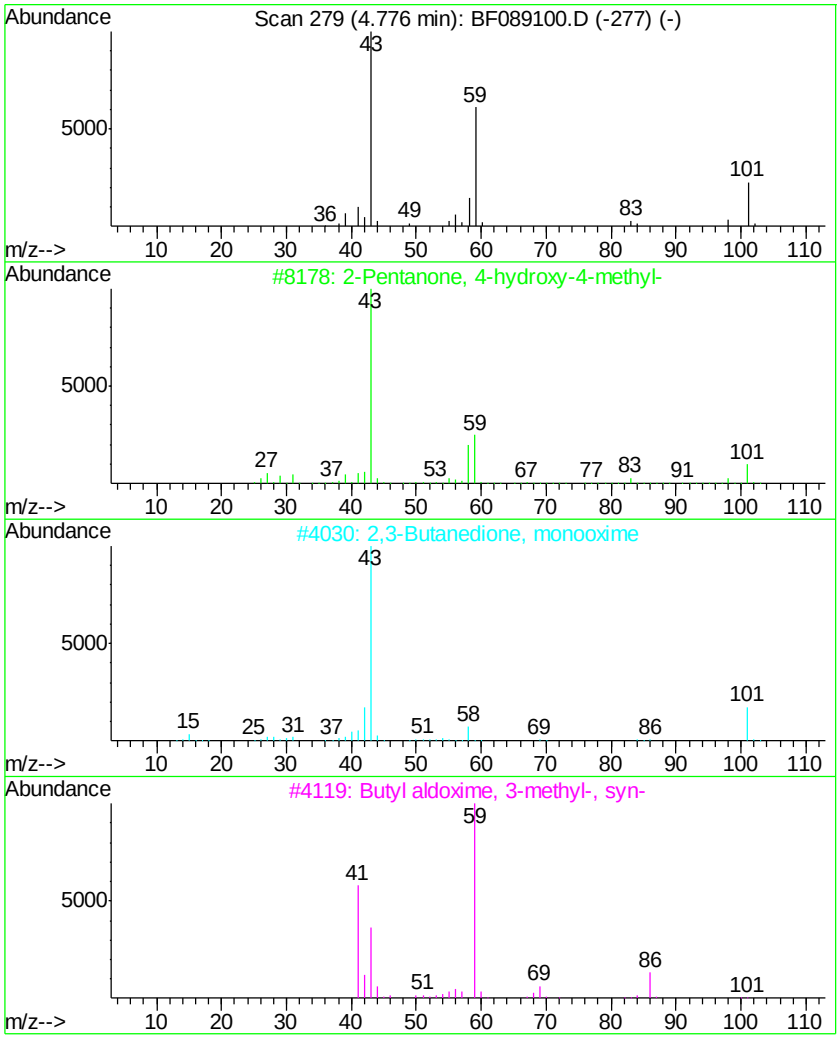
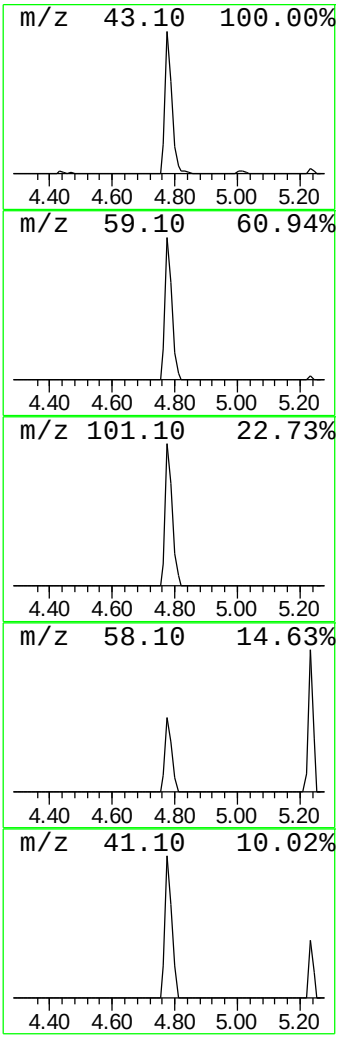
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	5.64 ng	92669	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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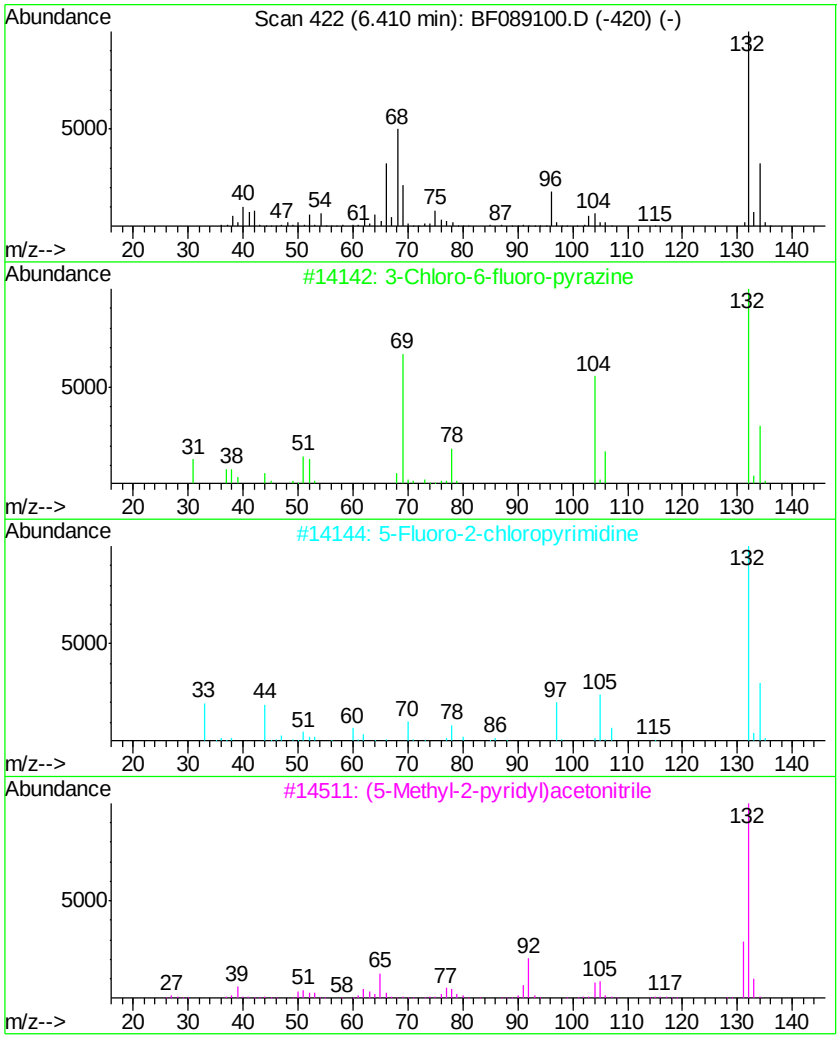
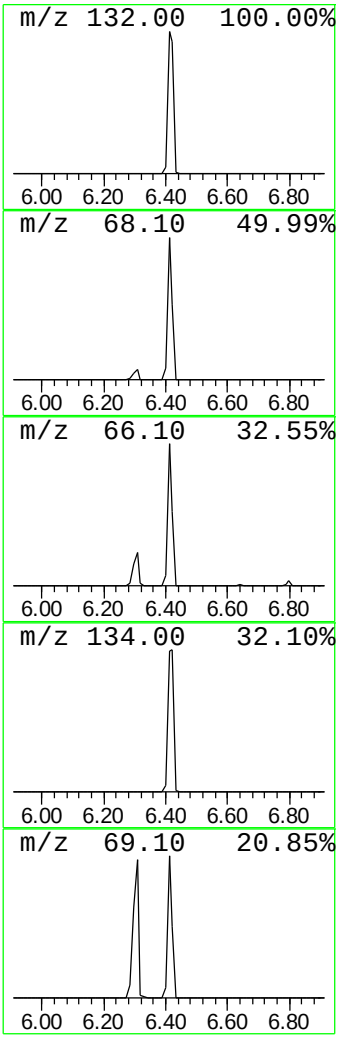
Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	80.69 ng	1324840	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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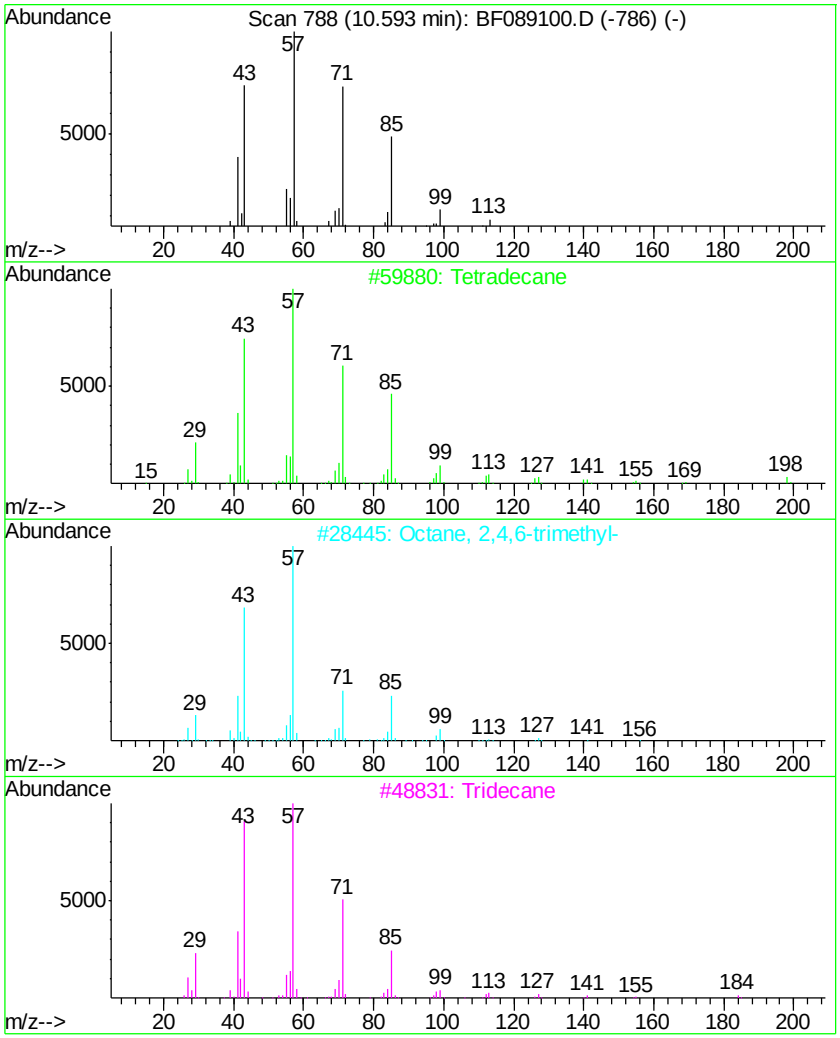
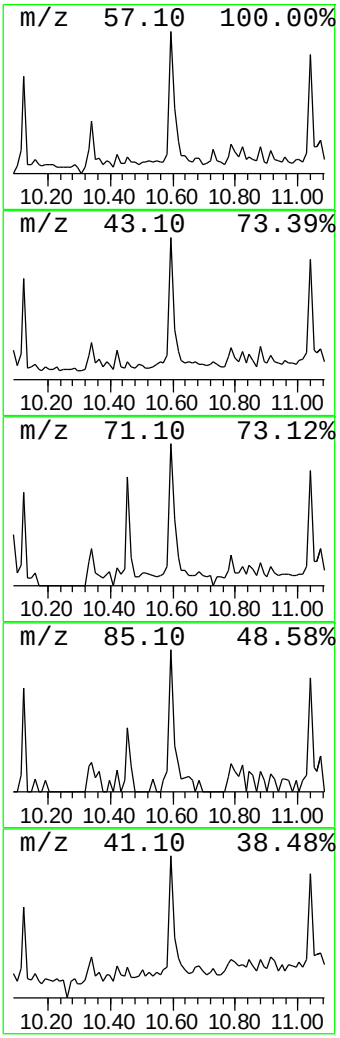
Peak Number 6 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.10 ng	38663	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Hexadecane	226	C16H34	000544-76-3	78
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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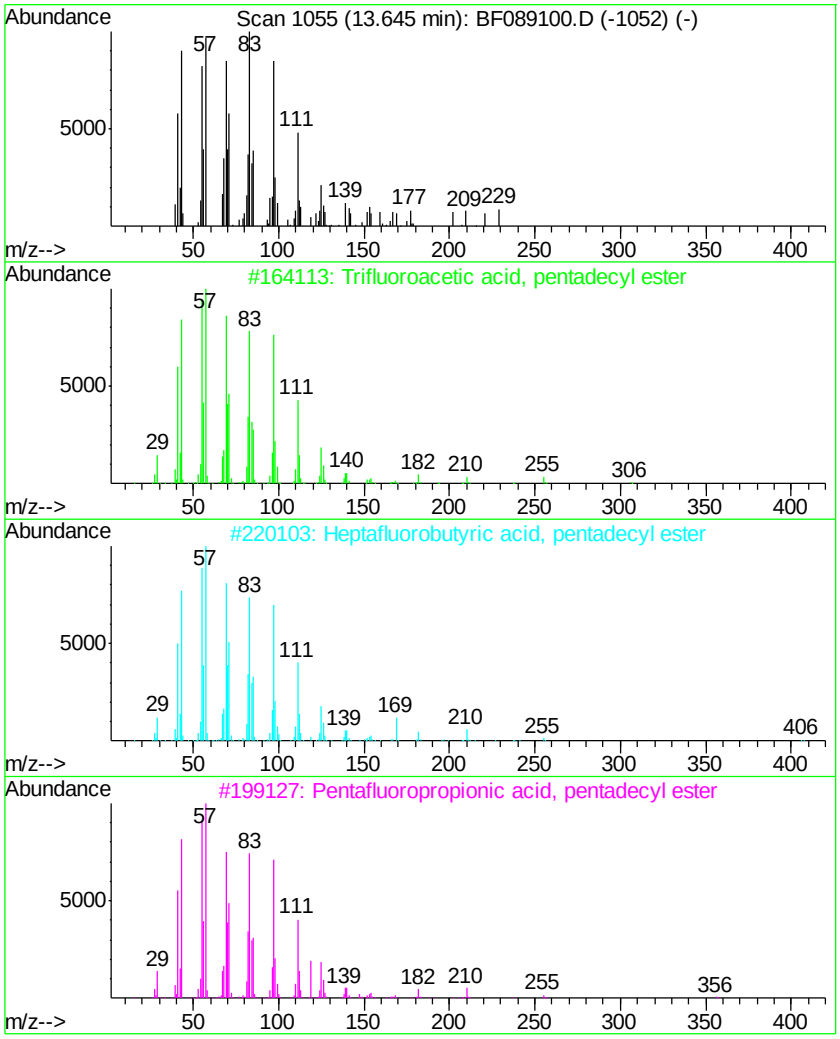
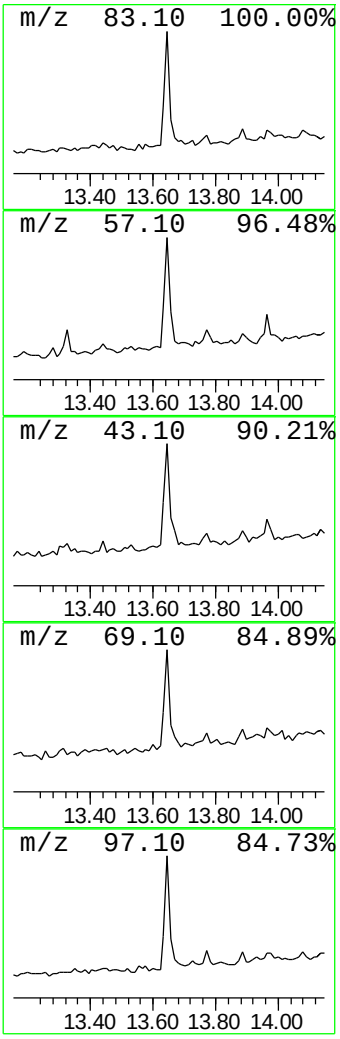
Peak Number 7 Trifluoroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.01 ng	76322	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
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Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.78	5.6	ng	92669	1	6.64	328369	20.0
unknown6.41	6.41	80.7	ng	1324840	1	6.64	328369	20.0
Tetradecane	10.59	2.1	ng	38663	4	11.15	368492	20.0
Trifluoroacetic a...	13.65	4.0	ng	76322	5	13.77	380970	20.0