LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089168.D
Acq On : 21 Jul 2016 9:16
Operator : UM/SJ
Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

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	1.724	10	12	49	rVB	1121420	2189103	100.00%	14.628%
2	4.741	274	276	293	rBV	28594	52601	2.40%	0.351%
3	5.187	313	315	337	rBV	889061	1233119	56.33%	8.240%
4	6.261	406	409	416	rBV	972917	1386336	63.33%	9.264%
5	6.364	416	418	437	rVV	1027277	1387335	63.37%	9.270%
6	6.593	437	438	449	rVB	201744	326396	14.91%	2.181%
7	6.753	449	452	462	rBV	1052485	1051053	48.01%	7.023%
8	7.164	486	488	498	rBV	561663	830716	37.95%	5.551%
9	7.884	548	551	562	rBV	422280	457833	20.91%	3.059%
10	8.959	642	645	648	rBV	1404181	1602544	73.21%	10.708%
11	9.359	678	680	693	rBV	402941	389111	17.77%	2.600%
12	9.622	701	703	706	rBV	351760	499453	22.82%	3.337%
13	10.410	770	772	775	rBV	665367	723229	33.04%	4.833%
14	10.536	781	783	790	rBV2	33333	66394	3.03%	0.444%
15	11.096	830	832	835	rBV	423490	497400	22.72%	3.324%
16	11.645	877	880	885	rBV	12152	30127	1.38%	0.201%
17	12.434	945	949	955	rBV	34642	51117	2.34%	0.342%
18	12.685	968	971	973	rBV	1537426	1491637	68.14%	9.967%
19	13.622	1049	1053	1059	rBV3	26294	74804	3.42%	0.500%
20	13.714	1059	1061	1064	rBV	329968	371895	16.99%	2.485%
21	15.062	1177	1179	1182	rBV	222315	253337	11.57%	1.693%

Sum of corrected areas: 14965540

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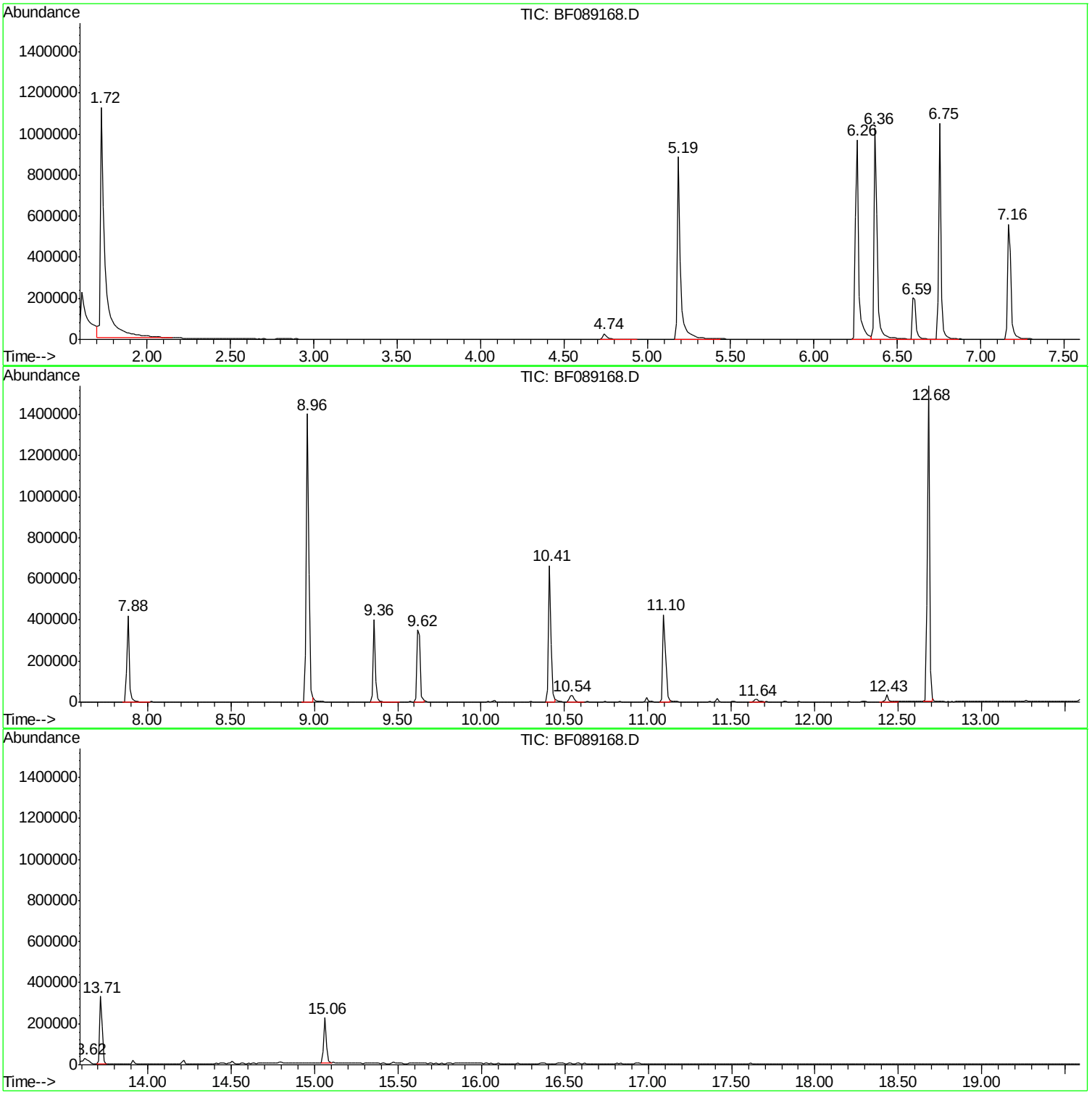
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-005

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



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Acq On : 21 Jul 2016 9:16
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Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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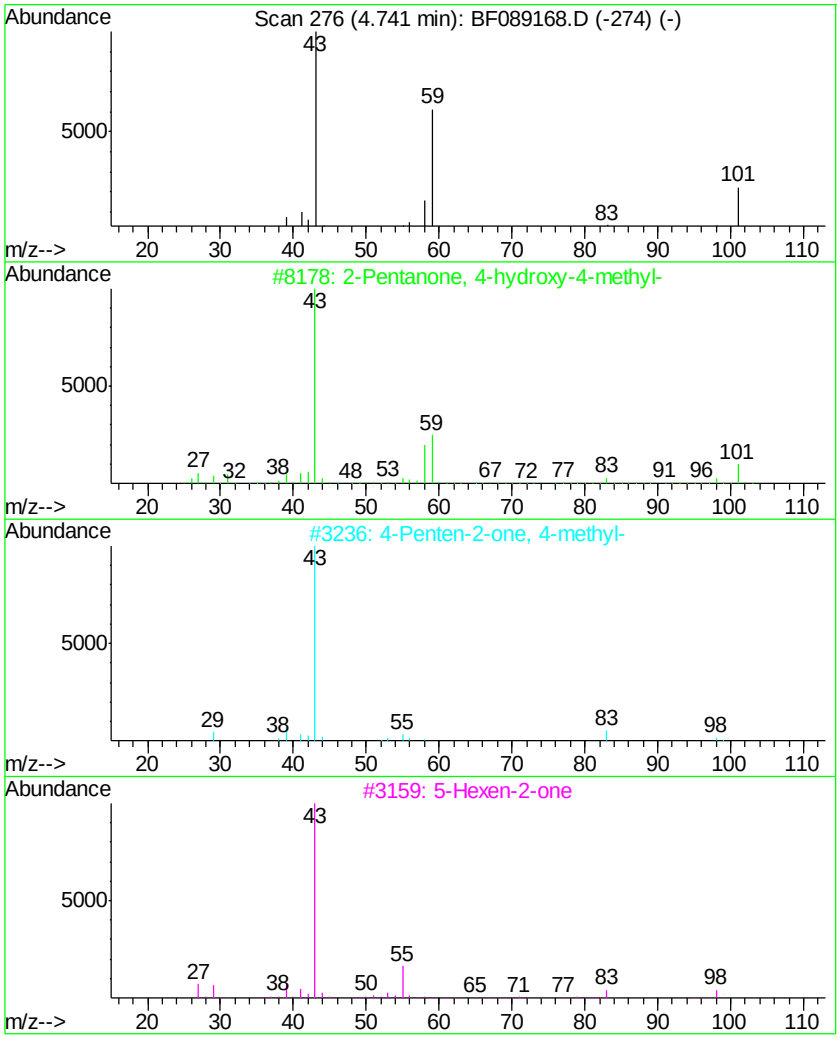
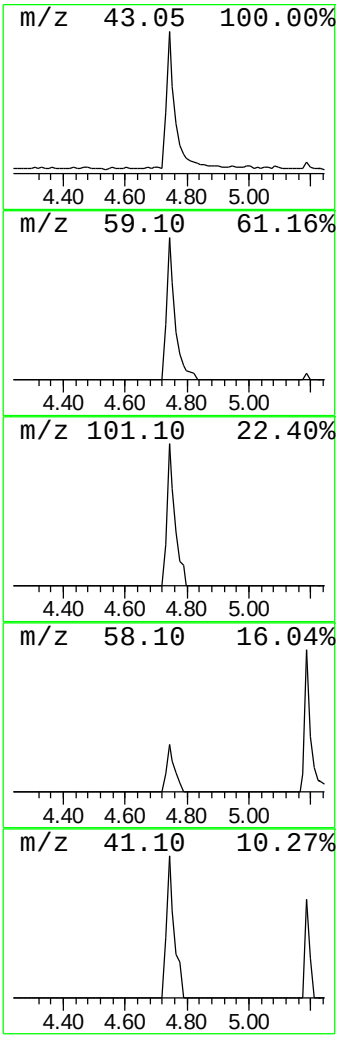
Peak Number 2 unknown4.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	3.22 ng	52601	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





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Operator : UM/SJ
Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

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
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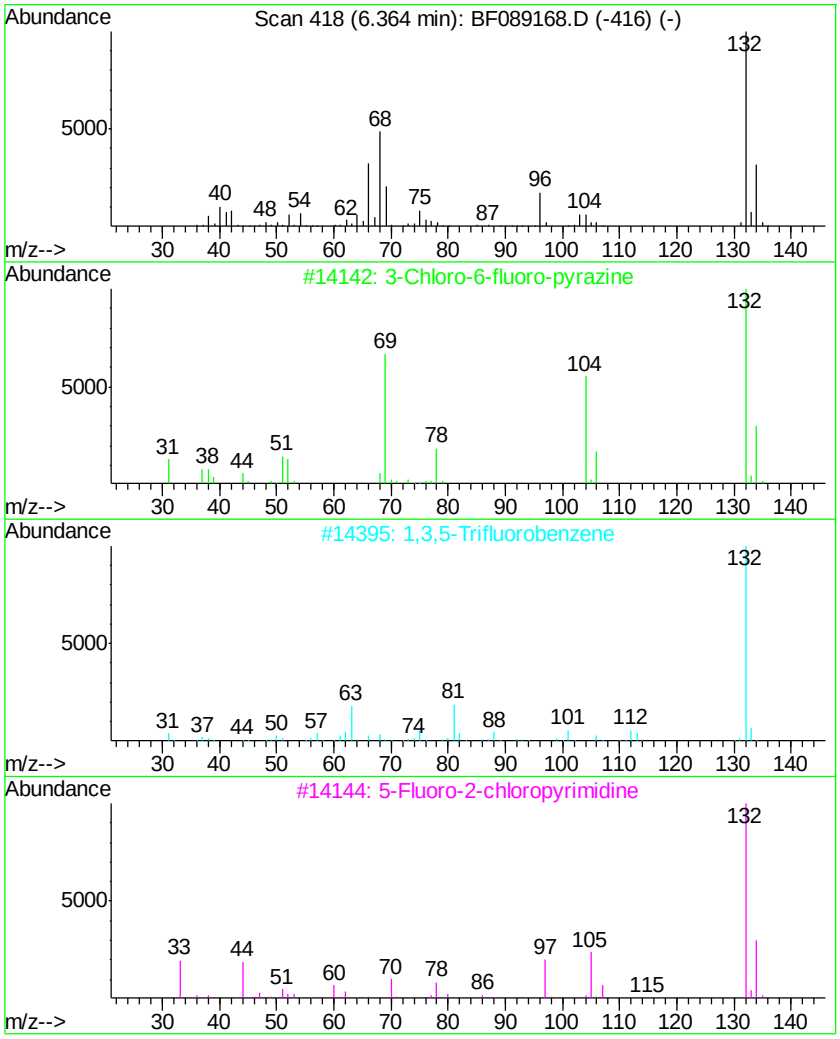
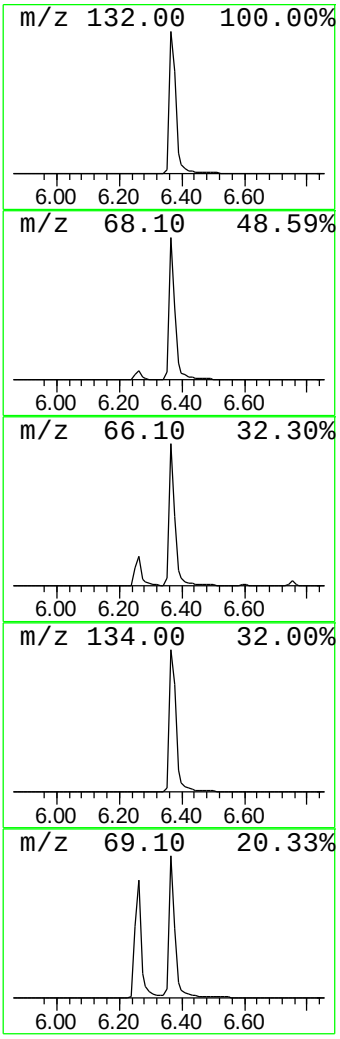
Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	85.01 ng	1387340	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

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

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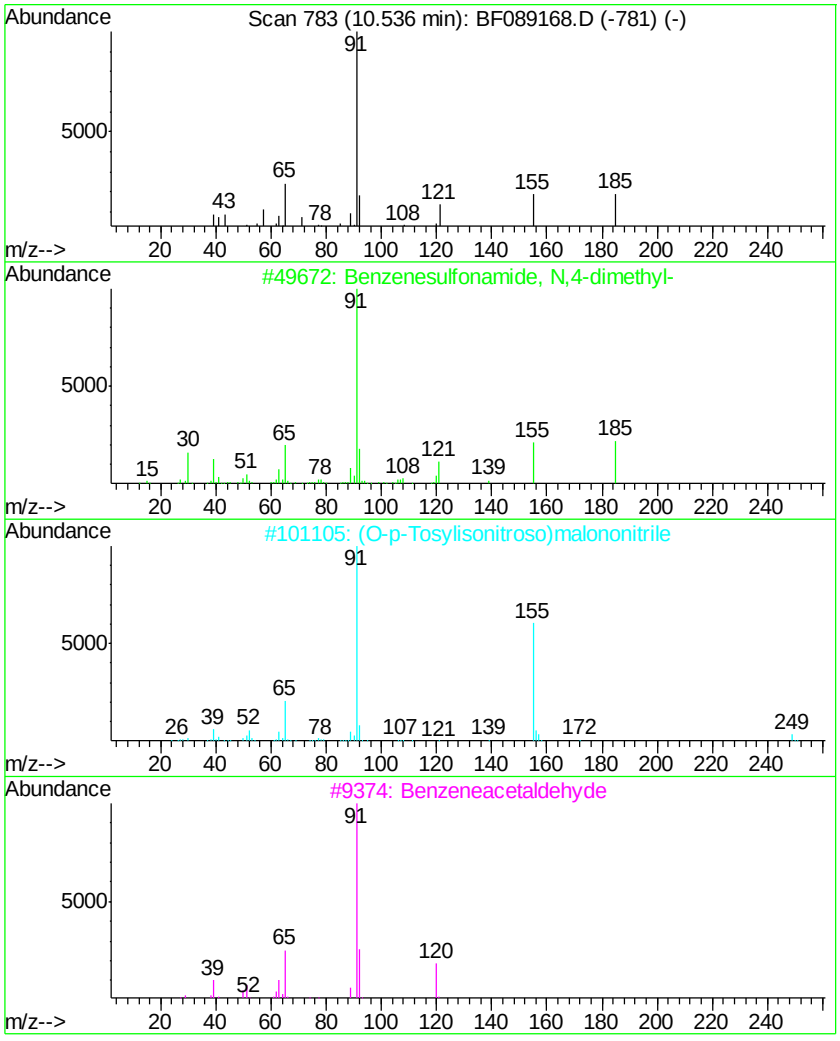
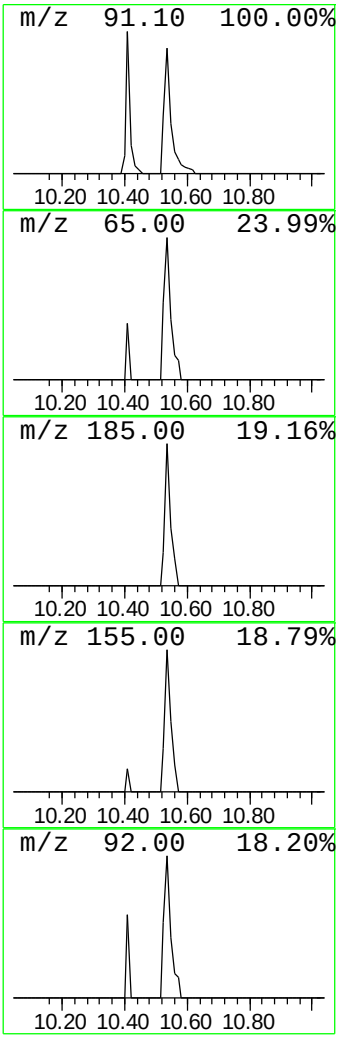
Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.67 ng	66394	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	91
2	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	46
4	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	43
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	43





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Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

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

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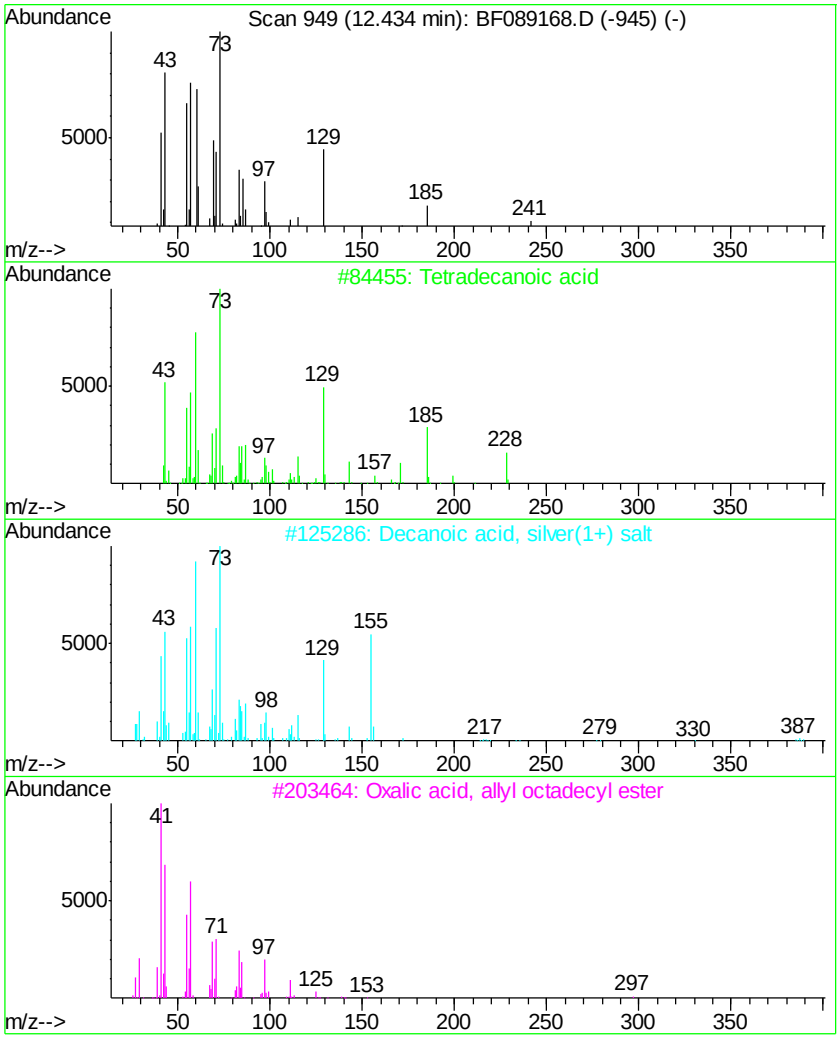
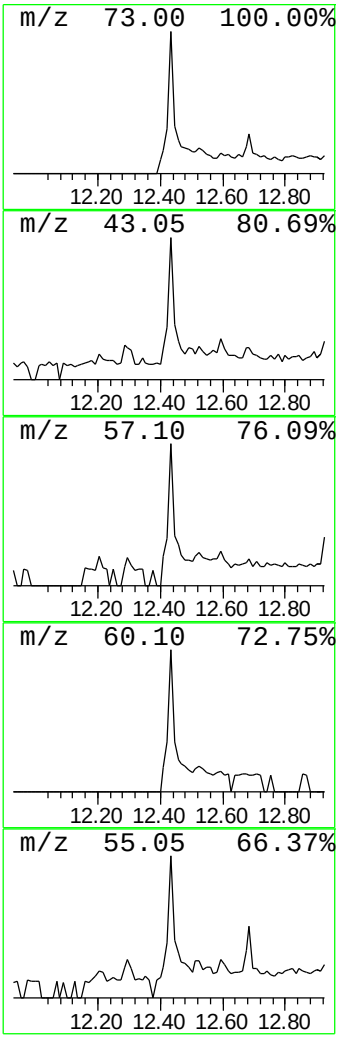
Peak Number 6 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.75 ng	51117	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
3	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	30
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089168.D
Acq On : 21 Jul 2016 9:16
Operator : UM/SJ
Sample : H4107-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-005

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

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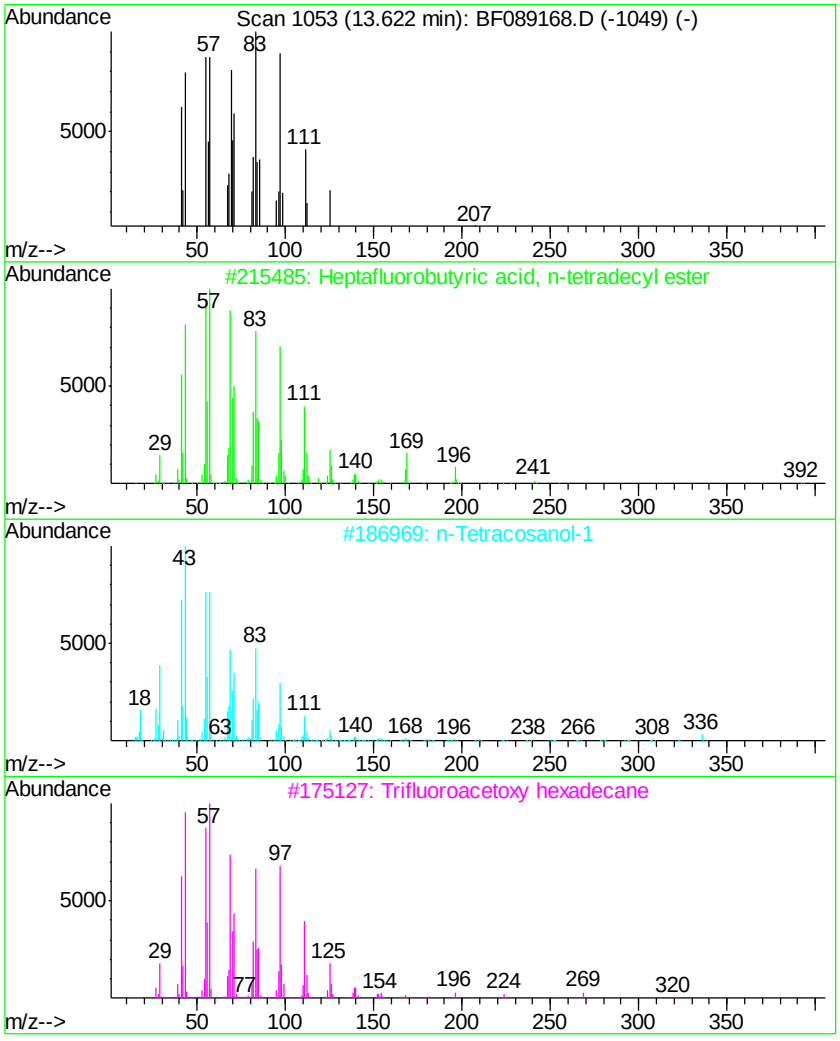
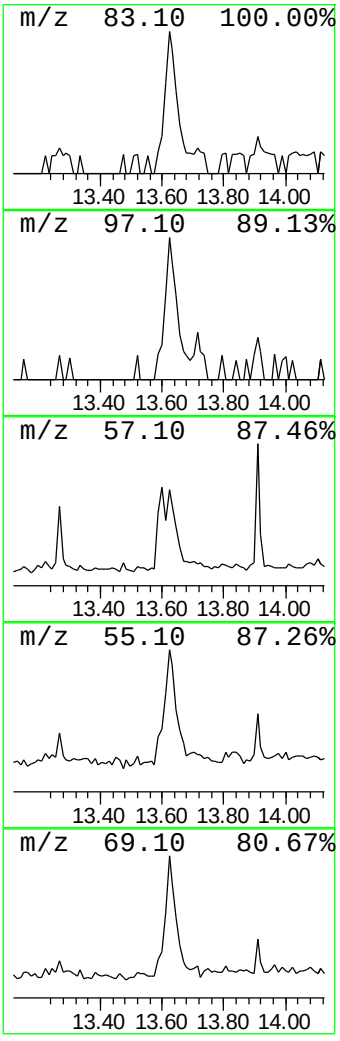
Peak Number 7 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.02 ng	74804	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.74	4.74	3.2	ng	52601	1	6.60	326396	20.0
unknown6.36	6.36	85.0	ng	1387340	1	6.60	326396	20.0
Benzenesulfonamid...	10.54	2.7	ng	66394	4	11.10	497400	20.0
Tetradecanoic acid	12.43	2.8	ng	51117	5	13.71	371895	20.0
Heptafluorobutyri...	13.62	4.0	ng	74804	5	13.71	371895	20.0