

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099418.D
 Acq On : 13 Oct 2017 2:06
 Operator : SJ/JU
 Sample : I5779-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Manual Integrations
 APPROVED

Sohil
 10/13/2017 3:06:41 PM

Quant Time: Oct 13 05:26:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119844	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456906	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	171575	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	255790	20.00	ng	0.00
75) Chrysene-d12	14.02	240	211699	20.00	ng	0.00
86) Perylene-d12	15.50	264	144702	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	822644	109.27	ng	0.01
7) Phenol-d6	6.49	99	960952	103.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	572331	80.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	139460	99.33	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	922111	89.72	ng	0.00
78) Terphenyl-d14	12.96	244	651910	70.03	ng	0.00
Target Compounds						
10) Phenol	6.50	94	56913	5.480	ng	92
49) Dimethylphthalate	9.60	163	151364	11.689	ng	100
70) Phenanthrene	11.40	178	53444	3.903	ng	98
74) Fluoranthene	12.59	202	82748	5.968	ng	96
77) Pyrene	12.82	202	82480	5.109	ng	99
80) Benzo(a)anthracene	14.01	228	33084	2.581	ng	# 92
82) Chrysene	14.04	228	33734	2.764	ng	# 93
87) Benzo(b)fluoranthene	15.06	252	33206m	3.732	ng	
89) Benzo(a)pyrene	15.43	252	20776	2.544	ng	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

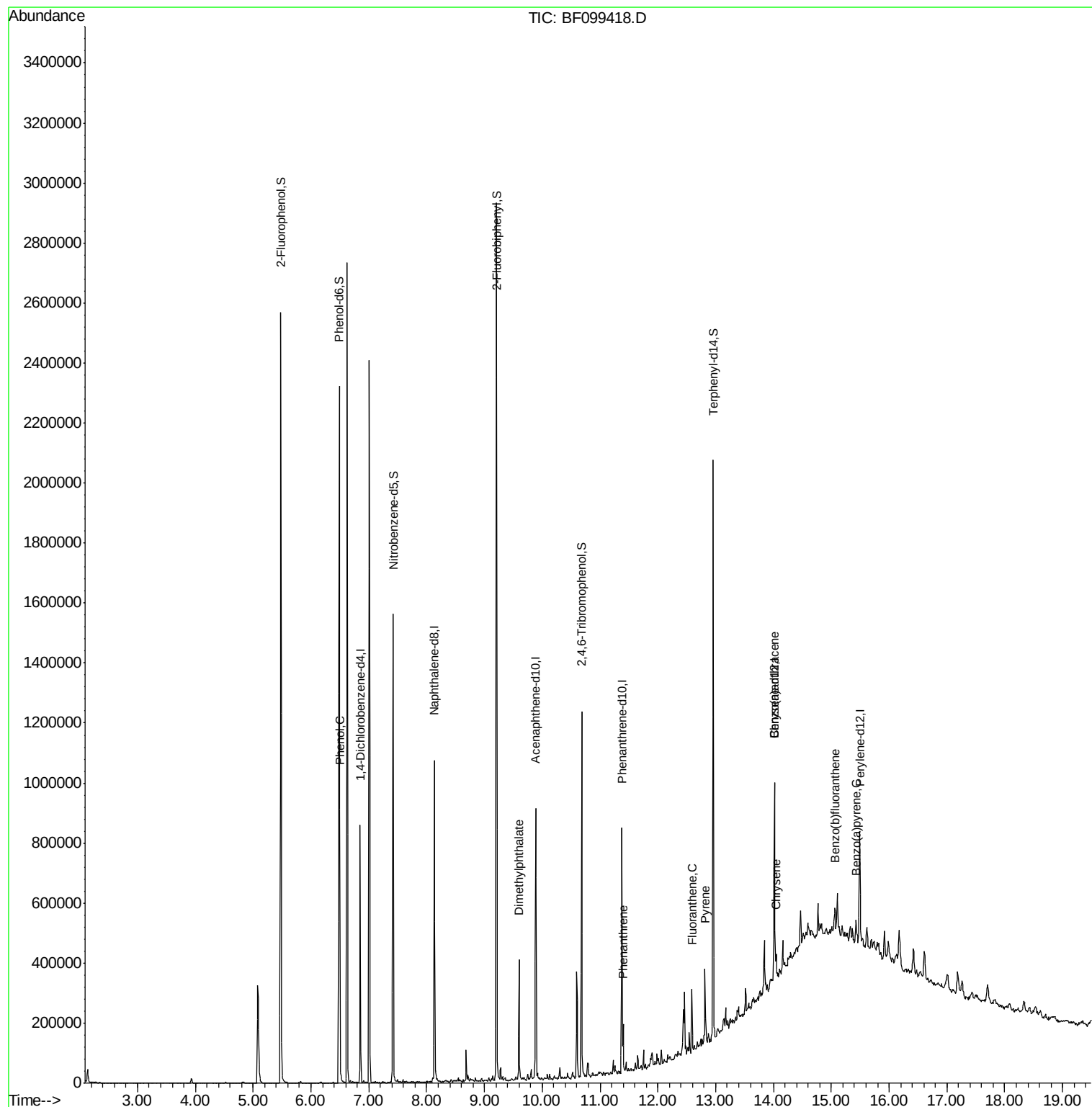
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099418.D
Acq On : 13 Oct 2017 2:06
Operator : SJ/JU
Sample : I5779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

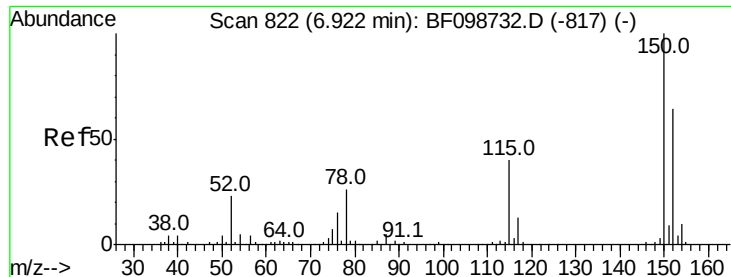
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM

Quant Time: Oct 13 05:26:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

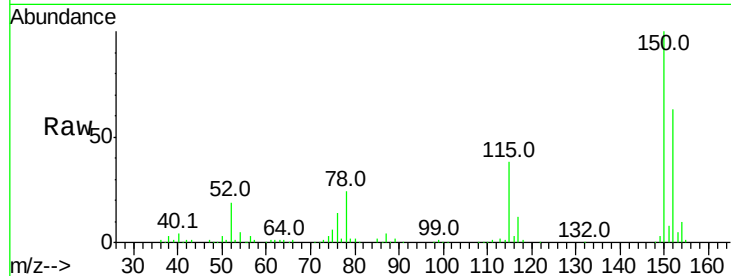
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM

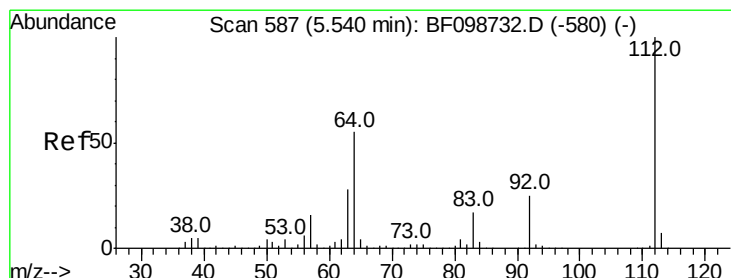
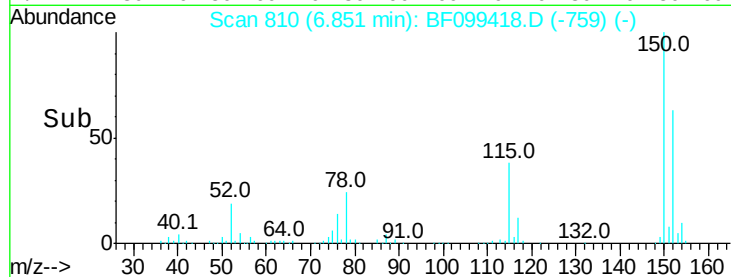
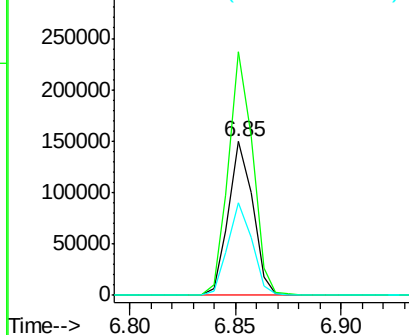


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

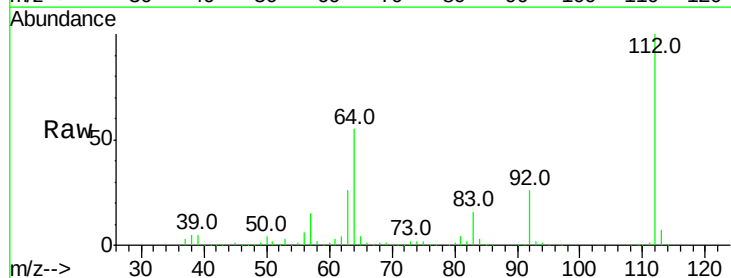
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.273 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.4	23.7	35.5

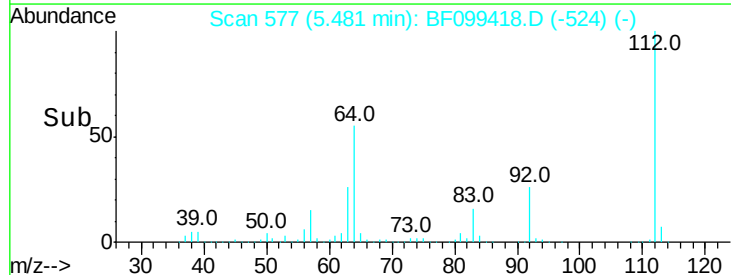
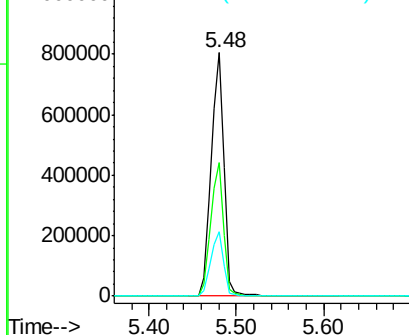


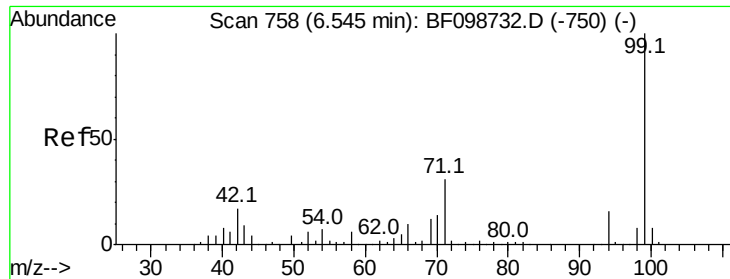
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.472 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Instrument :

BNA_F

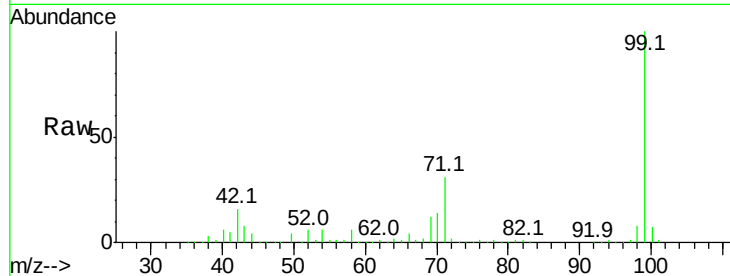
ClientSampleId :

FK-SF-03-003-B

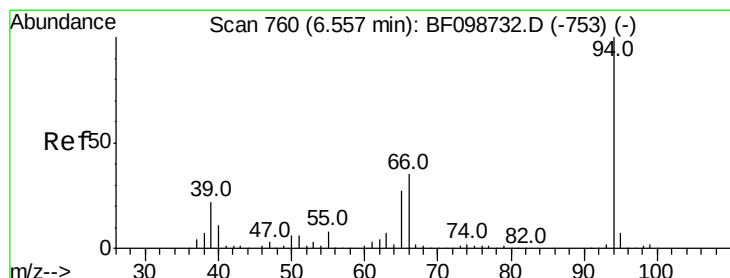
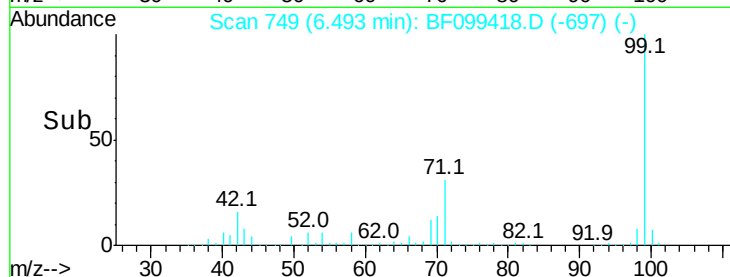
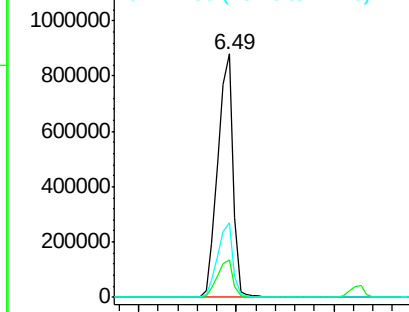
Tot Ion:	99	Resp:	960952
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	30.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.480 ng

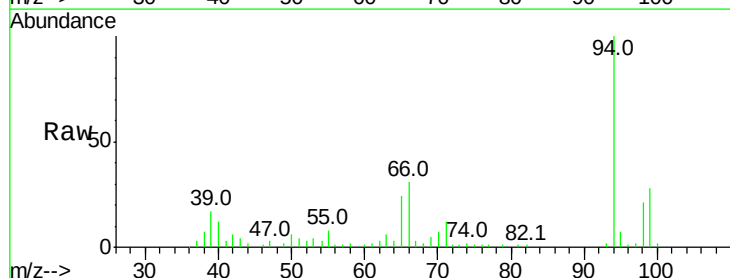
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

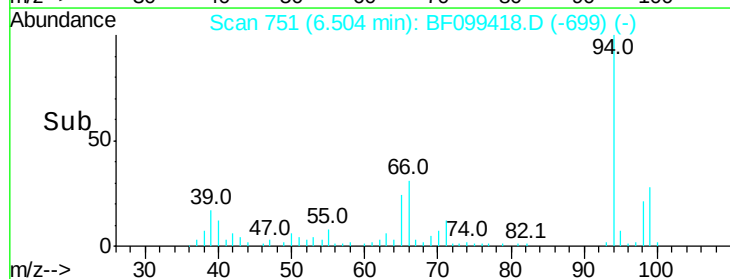
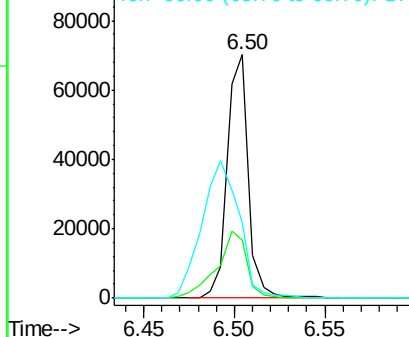
Lab File: BF099418.D

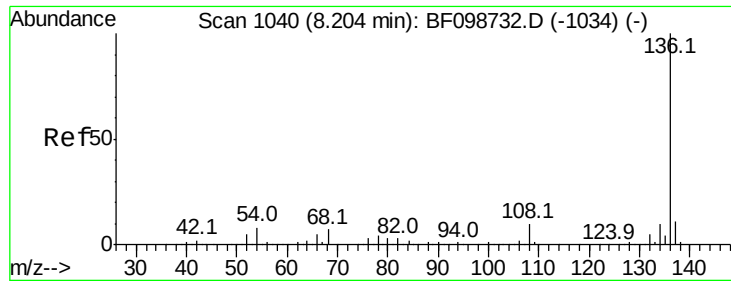
Acq: 13 Oct 2017 2:06

Tgt Ion:	94	Resp:	56913
Ion Ratio	Lower	Upper	
94	100		
65	24.0	7.9	47.9
66	31.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





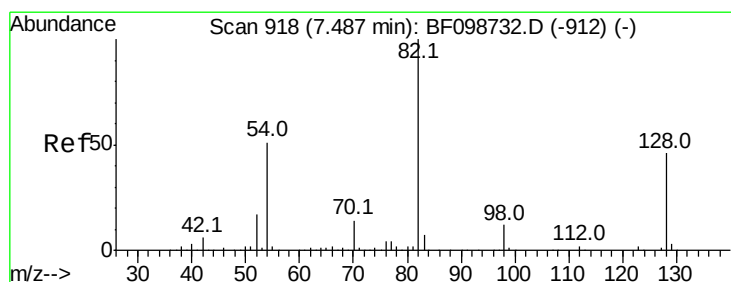
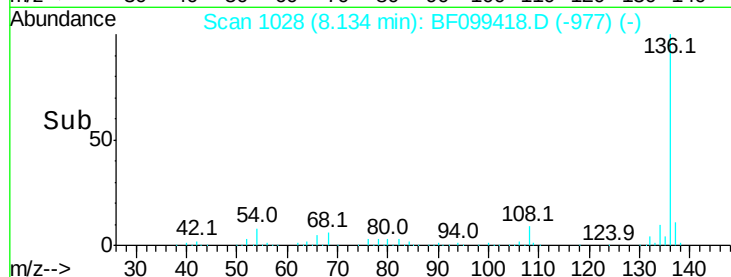
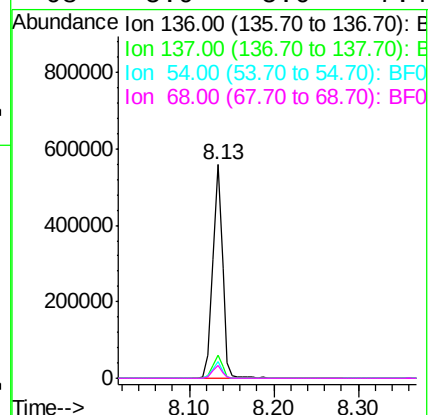
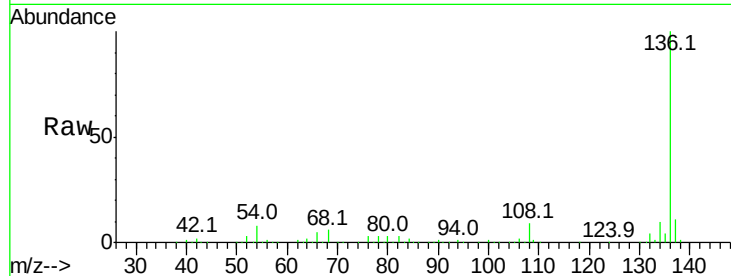
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	7.6	6.6	9.8	
68	5.9	5.0	7.4	

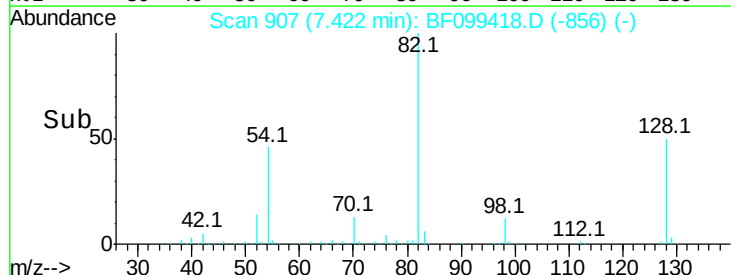
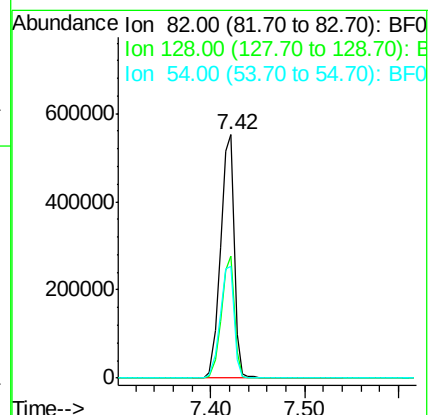
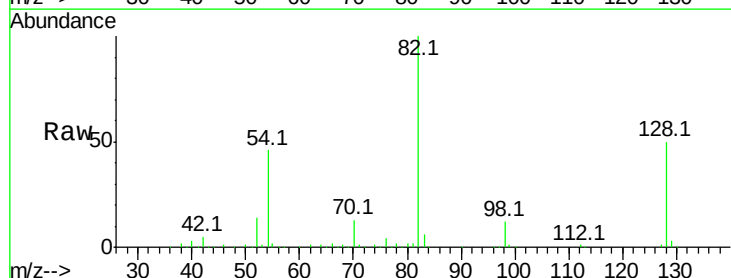
Manual Integrations
APPROVED

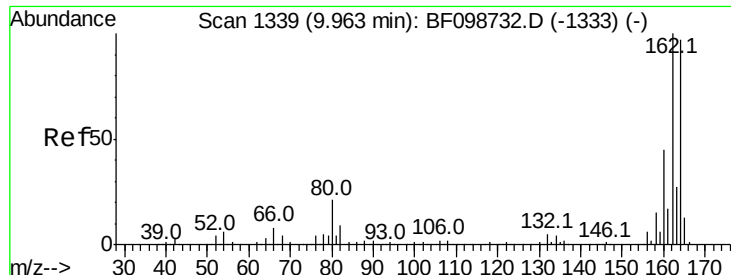
Sohil
10/13/2017 3:06:41 PM



#23
Nitrobenzene-d5
Concen: 80.331 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.1	36.1	54.1	
54	45.7	41.4	62.2	





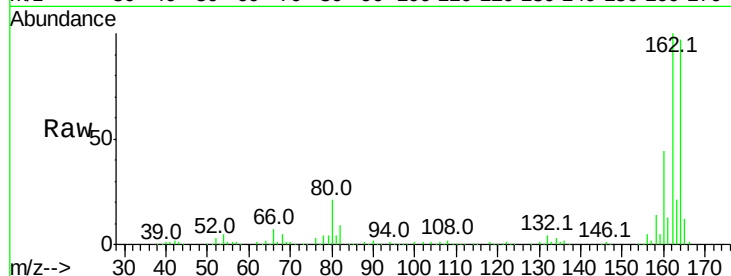
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

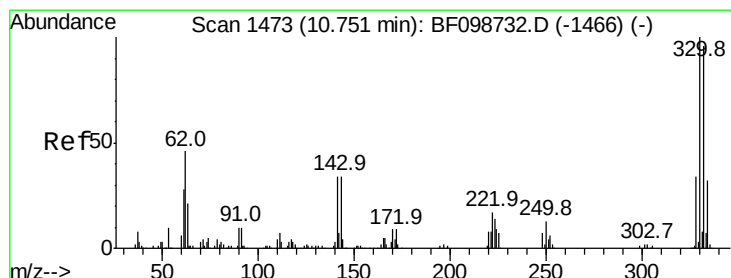
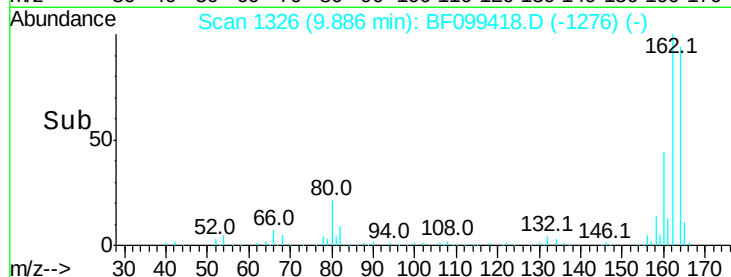
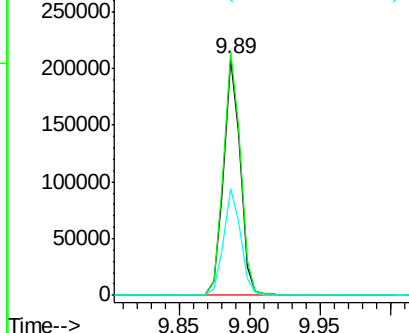
Tot Ion	Ratio	Resp	Lower	Upper
164	100	171575		
162	103.0	86.1	129.1	
160	45.4	38.3	57.5	

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM



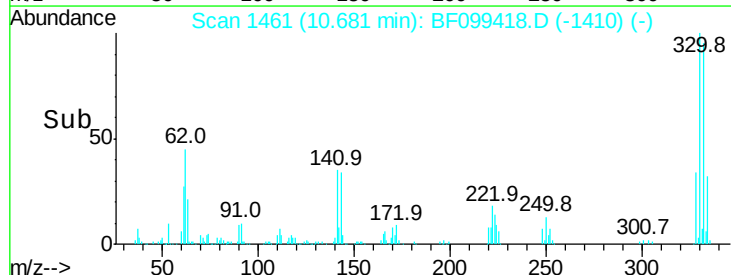
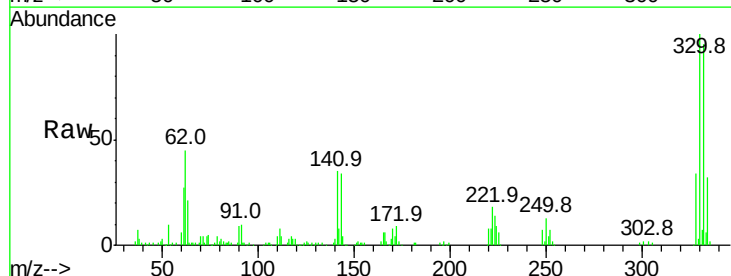
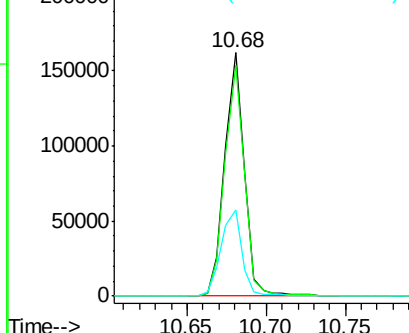
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

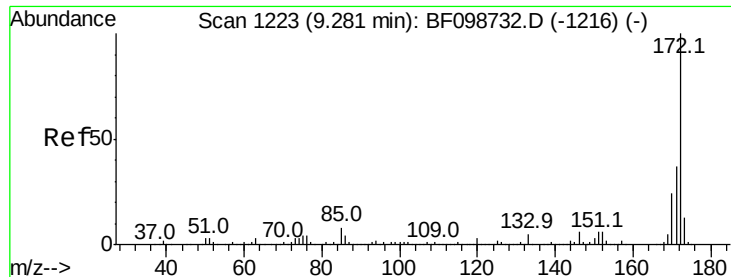


#41
2,4,6-Tribromophenol
Concen: 99.334 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	139460		
332	96.1	77.0	115.6	
141	38.5	29.9	44.9	

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





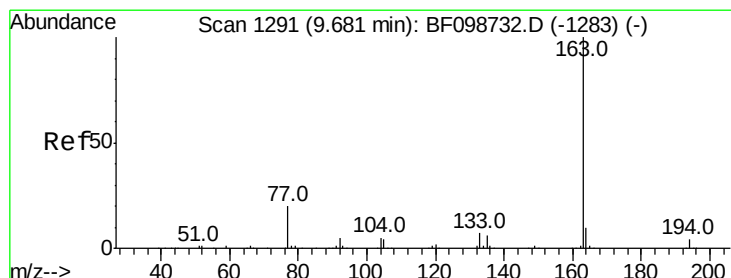
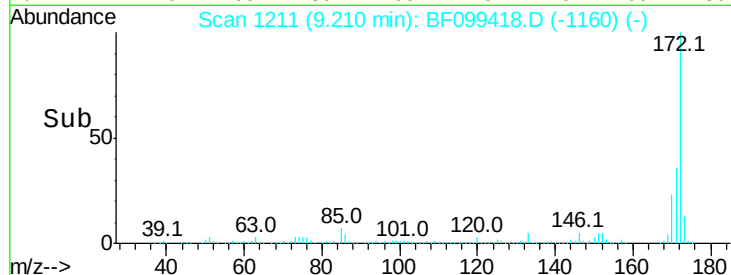
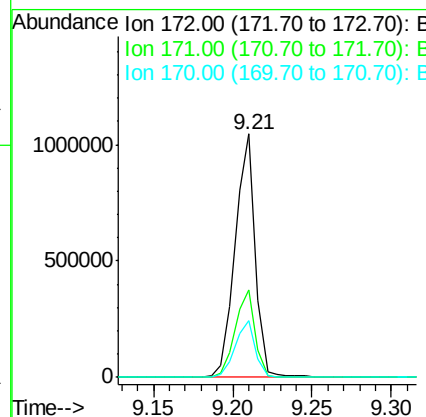
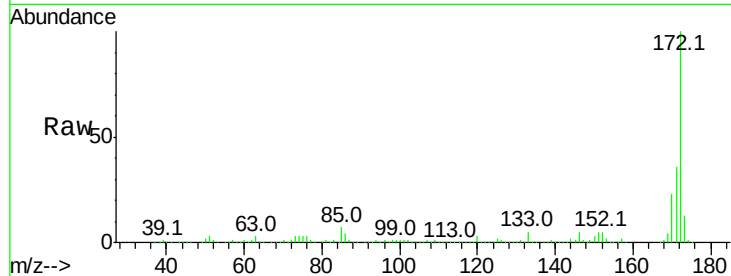
#44
2-Fluorobiphenyl
Concen: 89.721 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	922111		
171	36.2		29.7	44.5
170	23.4		19.6	29.4

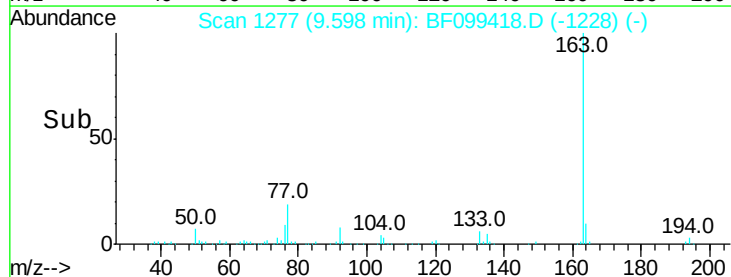
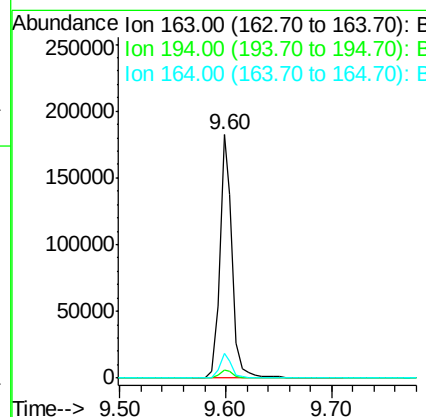
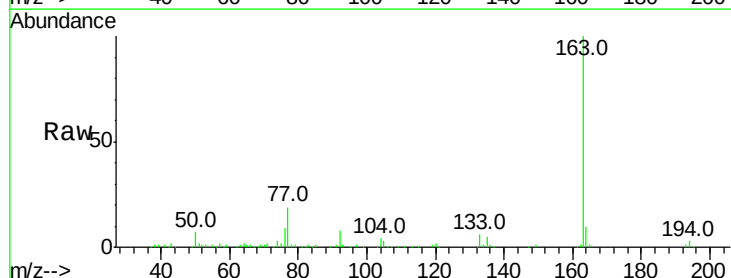
Manual Integrations
APPROVED

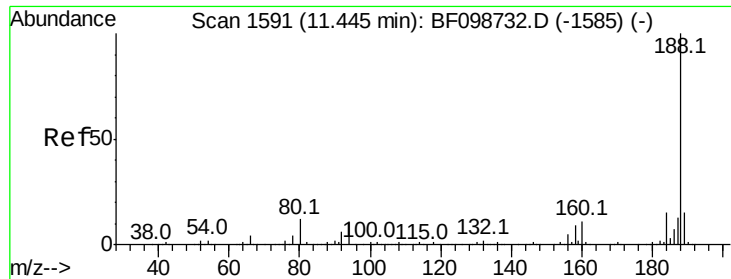
Sohil
10/13/2017 3:06:41 PM



#49
Dimethylphthalate
Concen: 11.689 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	151364		
194	3.2		2.7	4.1
164	10.0		8.2	12.2





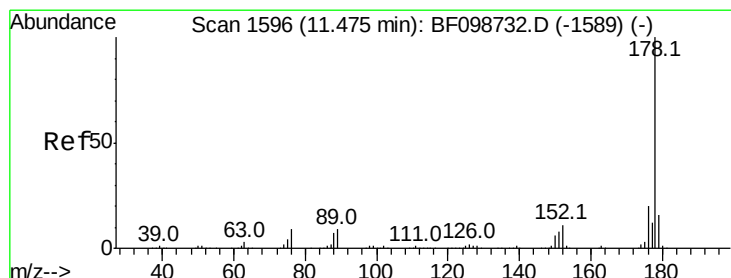
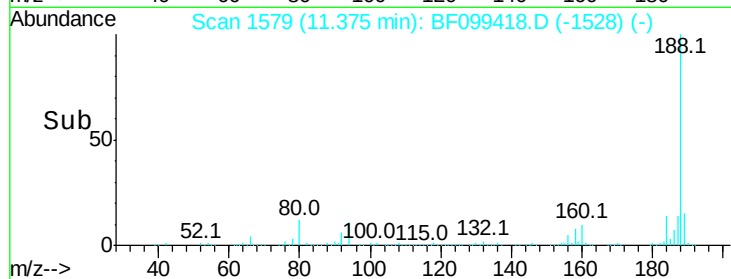
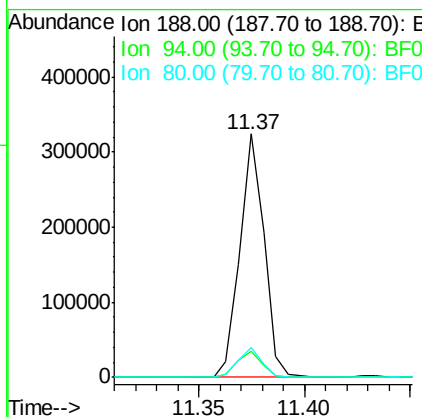
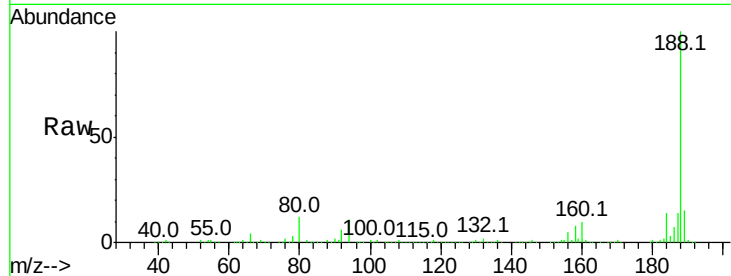
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion:	188	Resp:	255790
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	12.2	9.2	13.8

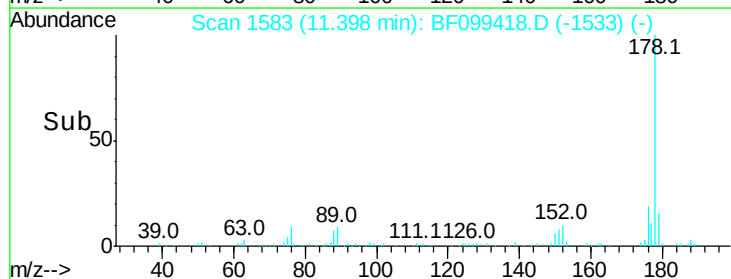
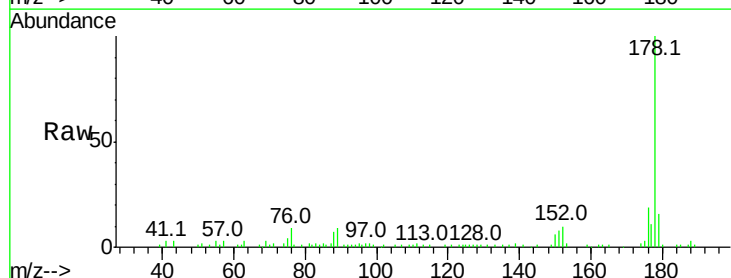
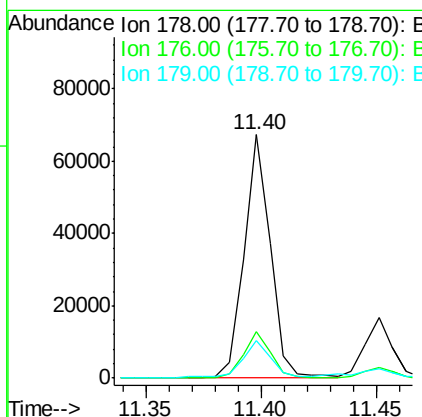
Manual Integrations
APPROVED

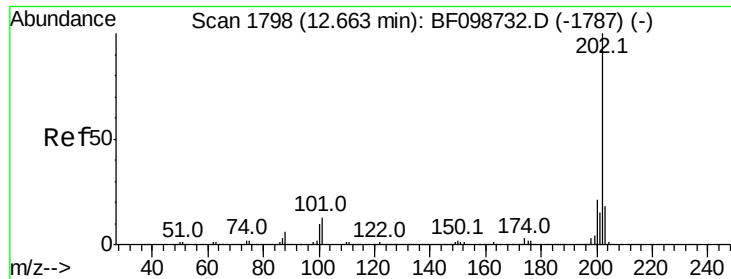
Sohil
10/13/2017 3:06:41 PM



#70
Phenanthrene
Concen: 3.903 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion:	178	Resp:	53444
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6





#74

Fluoranthene

Concen: 5.968 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Instrument :

BNA_F

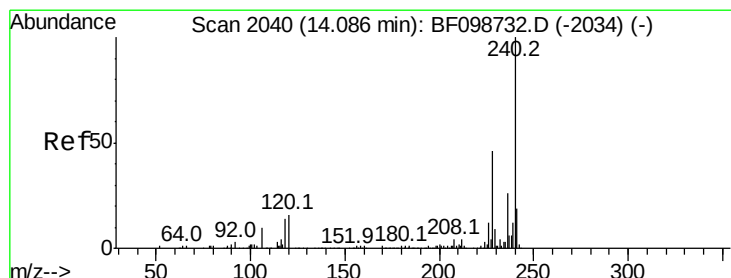
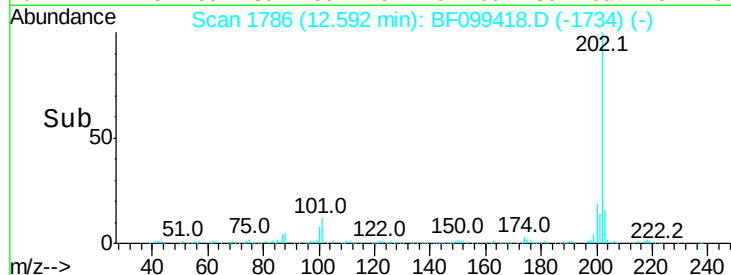
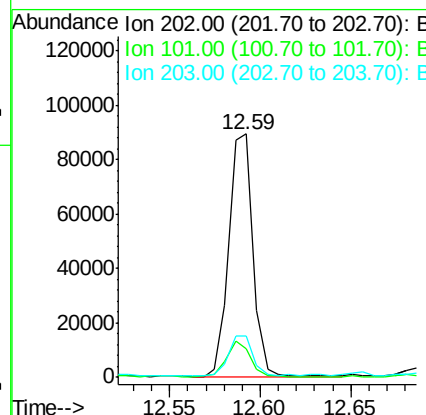
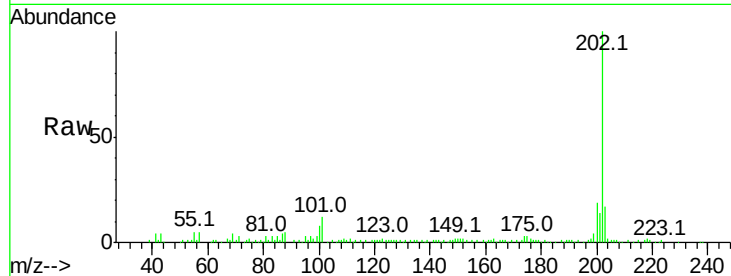
ClientSampleId :

FK-SF-03-003-B

Tot Ion:	202	Resp:	82748
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM



#75

Chrysene-d12

Concen: 20.000 ng

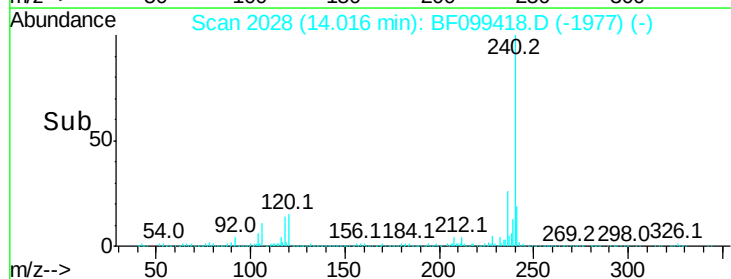
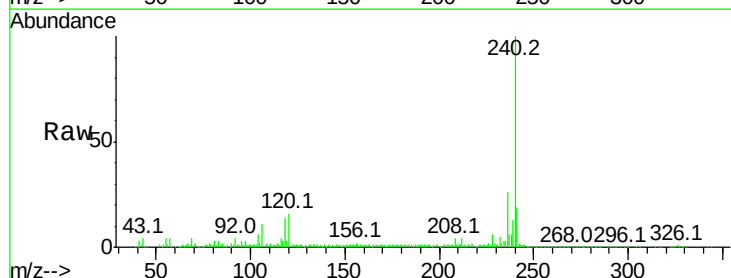
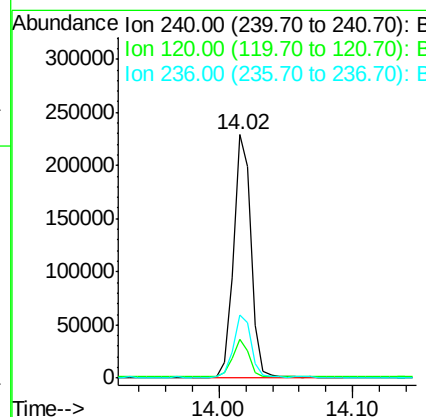
RT: 14.02 min Scan# 2028

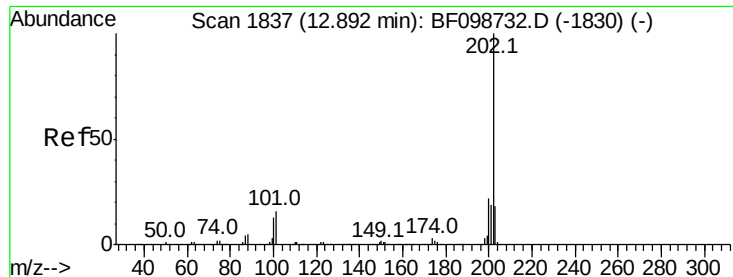
Delta R.T. 0.00 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Tgt Ion:	240	Resp:	211699
Ion Ratio	Lower	Upper	
240	100		
120	15.8	9.5	14.3#
236	26.1	20.7	31.1





#77

Pvrene

Concen: 5.109 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Instrument :

BNA_F

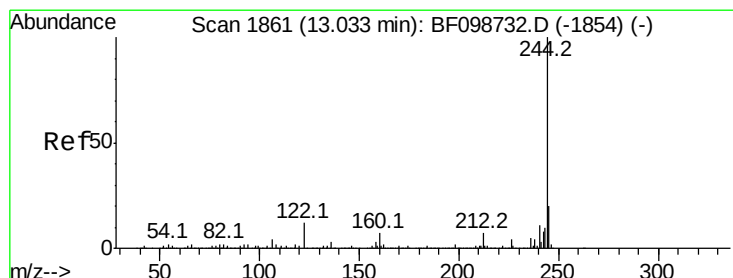
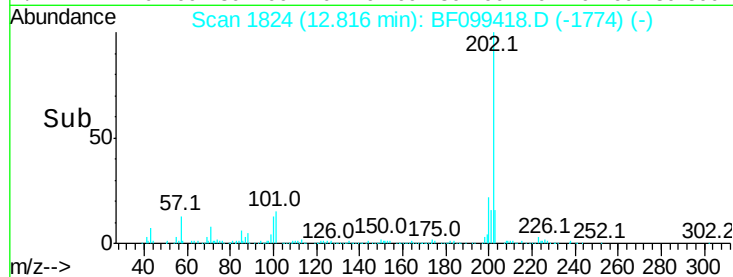
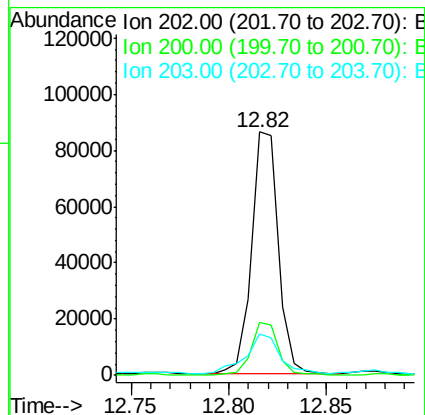
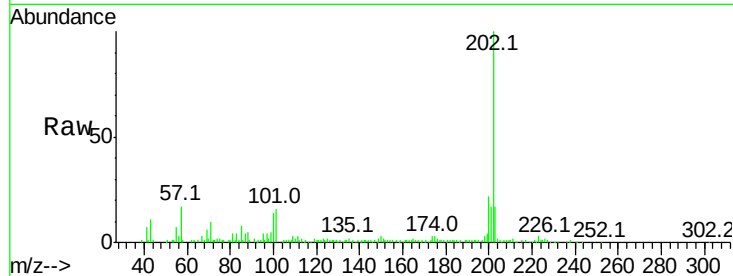
ClientSampleId :

FK-SF-03-003-B

Tot Ion:	202	Resp:	82480
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM



#78

Terphenyl-d14

Concen: 70.032 ng

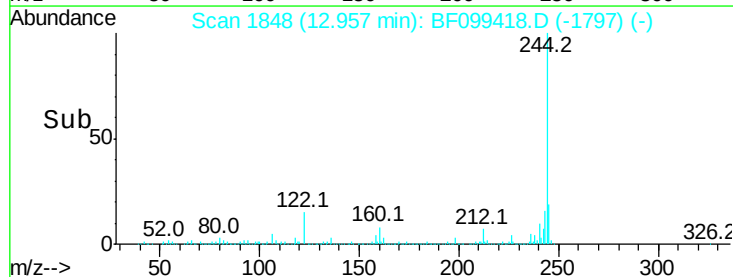
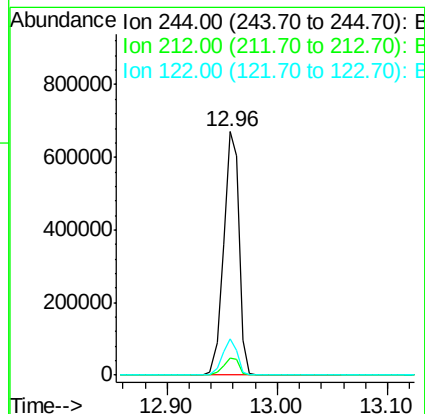
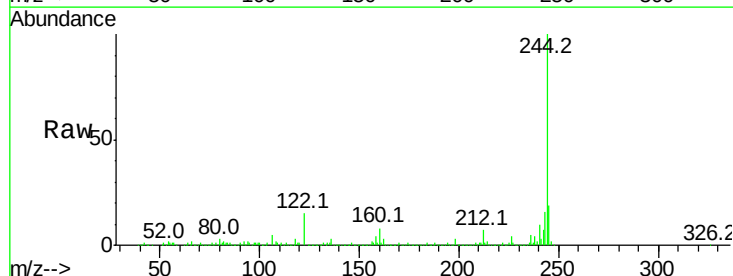
RT: 12.96 min Scan# 1848

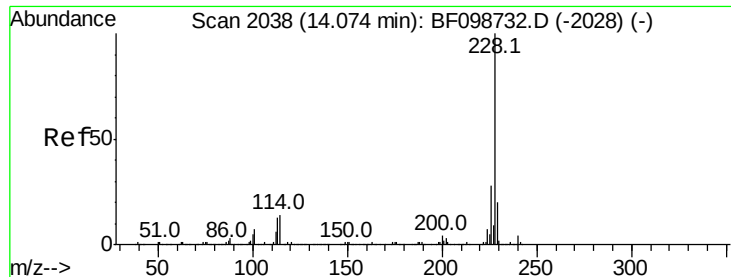
Delta R.T. 0.00 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Tgt Ion:	244	Resp:	651910
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.9	11.0	16.4





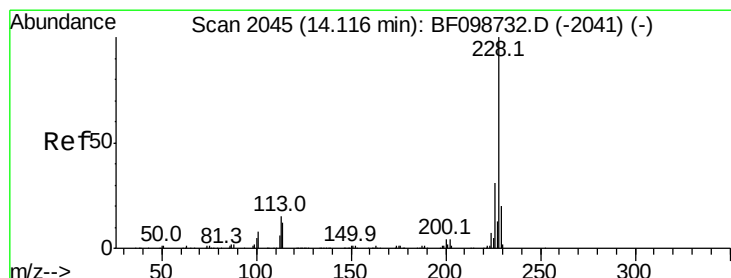
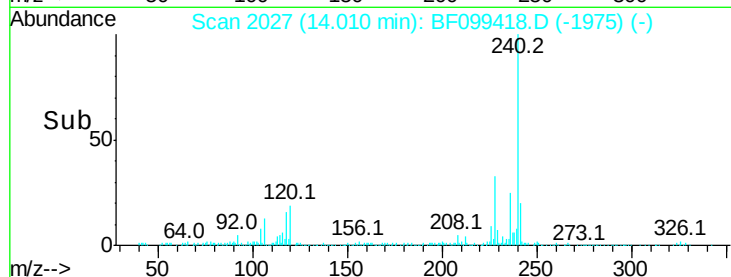
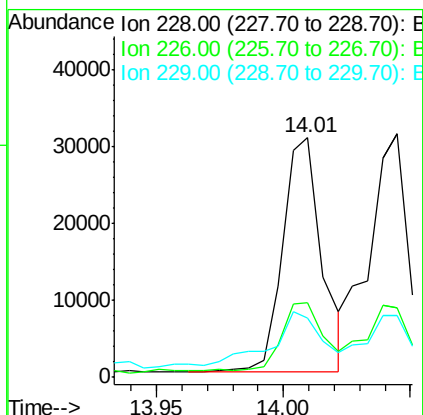
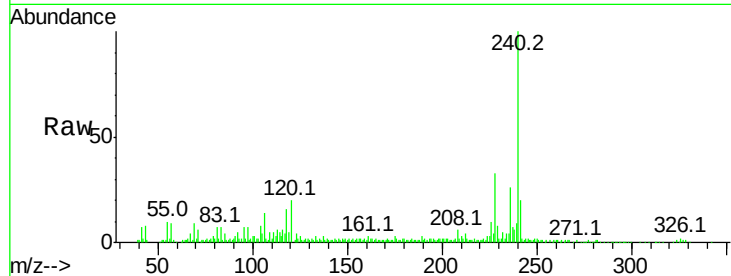
#80
Benzo(a)anthracene
Concen: 2.581 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	24.5	15.8	23.6

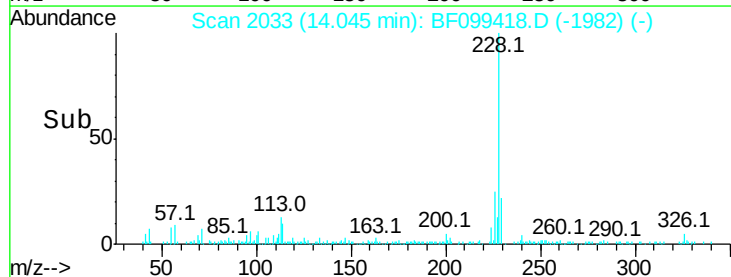
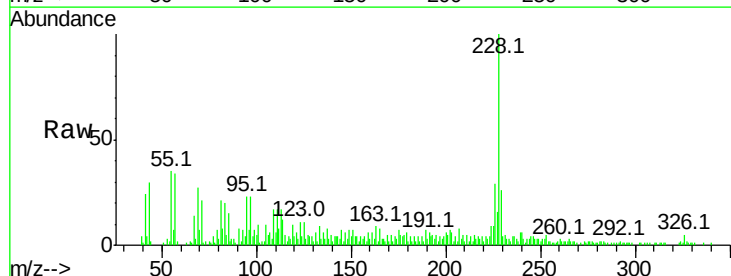
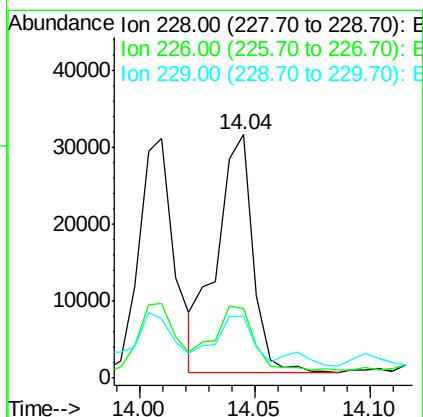
Manual Integrations
APPROVED

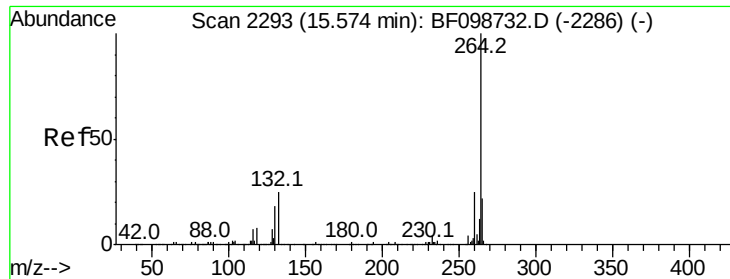
Sohil
10/13/2017 3:06:41 PM



#82
Chrysene
Concen: 2.764 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	25.5	16.2	24.4





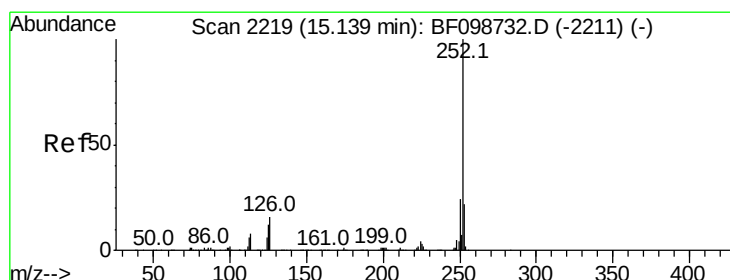
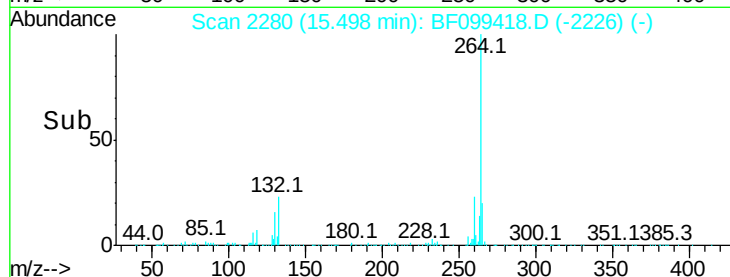
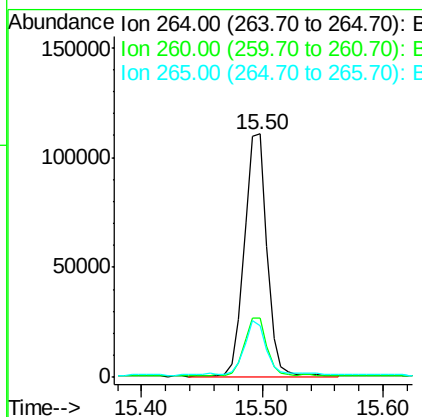
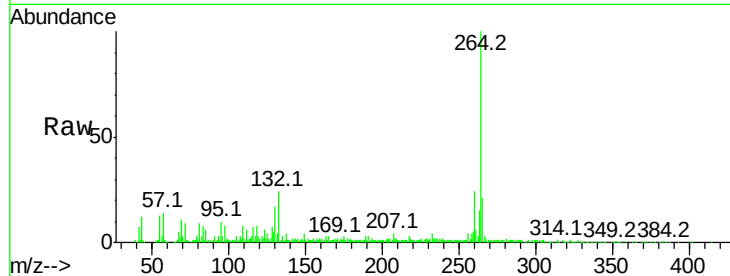
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.0	17.5	26.3

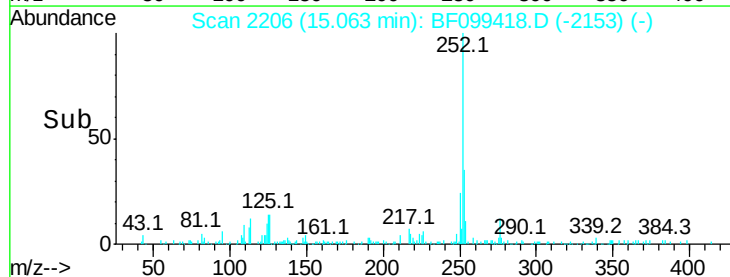
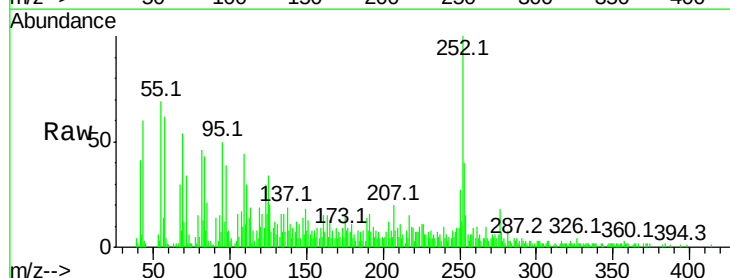
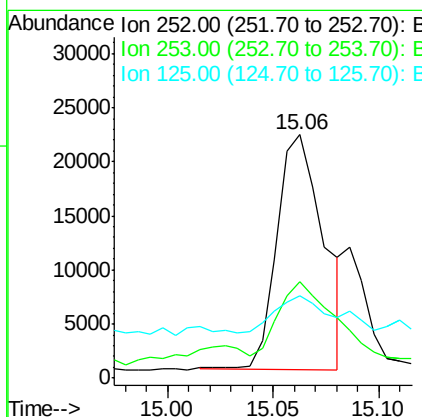
Manual Integrations
APPROVED

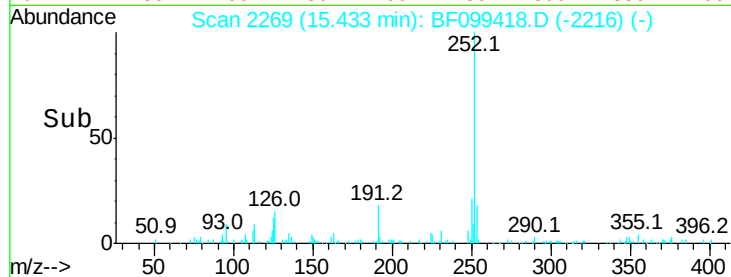
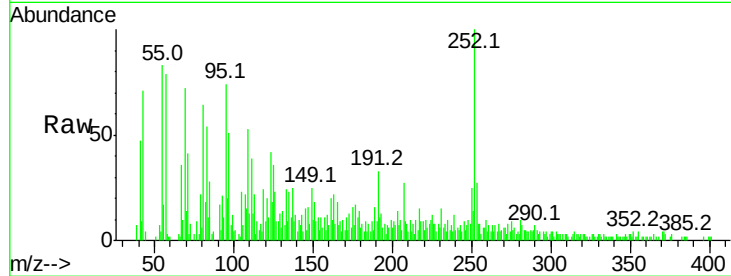
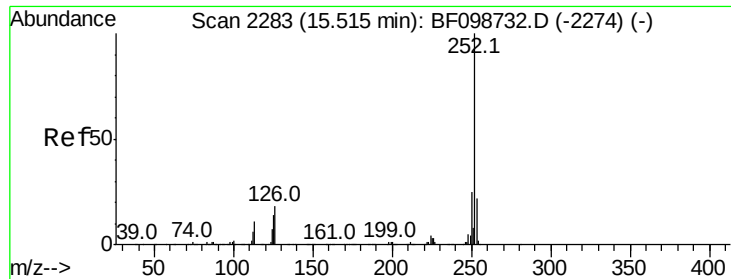
Sohil
10/13/2017 3:06:41 PM



#87
Benzo(b)fluoranthene
Concen: 3.732 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099418.D
Acq: 13 Oct 2017 2:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.5	17.0	25.6#
125	33.8	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.544 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099418.D

Acq: 13 Oct 2017 2:06

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

Tot Ion:	252	Resp:	20776
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.1	25.7#
125	36.3	9.8	14.6#

Manual Integrations
APPROVED

Sohil
10/13/2017 3:06:41 PM

