

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013428.D
 Acq On : 15 Dec 2017 07:11
 Operator : SJ/JU
 Sample : I6779-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A84

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:49:14 PM

Quant Time: Dec 15 11:12:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	268572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1153128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	656898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1369339	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1107909	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	888392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	6437	1.19	ng/uL	0.00
5) Phenol-d5	6.86	99	165944	7.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	89931	6.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	134077	7.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	137503	6.93	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	68402	7.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	75773	7.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	138389	6.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	71791	3.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	421588	7.21	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	536271	7.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	57665	5.68	ng/ul	0.00
57) Fluorene-d10	15.32	176	355962	7.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	42914	4.98	ng/ul	0.00
70) Anthracene-d10	17.17	188	513282	7.48	ng/ul	0.00
76) Pyrene-d10	19.47	212	508566	9.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	332298	7.34	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.78	163	89448	1.600	ng/ul 98
47) Acenaphthylene	14.04	152	492341	7.375	ng/ul 98
71) Anthracene	17.20	178	250727	3.153	ng/ul 98
74) Fluoranthene	19.13	202	1604699	16.832	ng/ul# 94
77) Pyrene	19.50	202	2585106m	38.407	ng/ul
80) Benzo(a)anthracene	21.24	228	1114042m	15.848	ng/ul
82) Chrysene	21.30	228	1203258	18.451	ng/ul 97
85) Benzo(b)fluoranthene	22.82	252	2182936	36.450	ng/ul# 98
86) Benzo(k)fluoranthene	22.86	252	629569m	11.171	ng/ul
88) Benzo(a)pyrene	23.39	252	1417309	26.345	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1043320	19.546	ng/ul# 97
90) Dibenzo(a,h)anthracene	25.71	278	252661	5.559	ng/ul# 94
91) Benzo(g,h,i)perylene	26.40	276	828488	19.677	ng/ul# 96

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

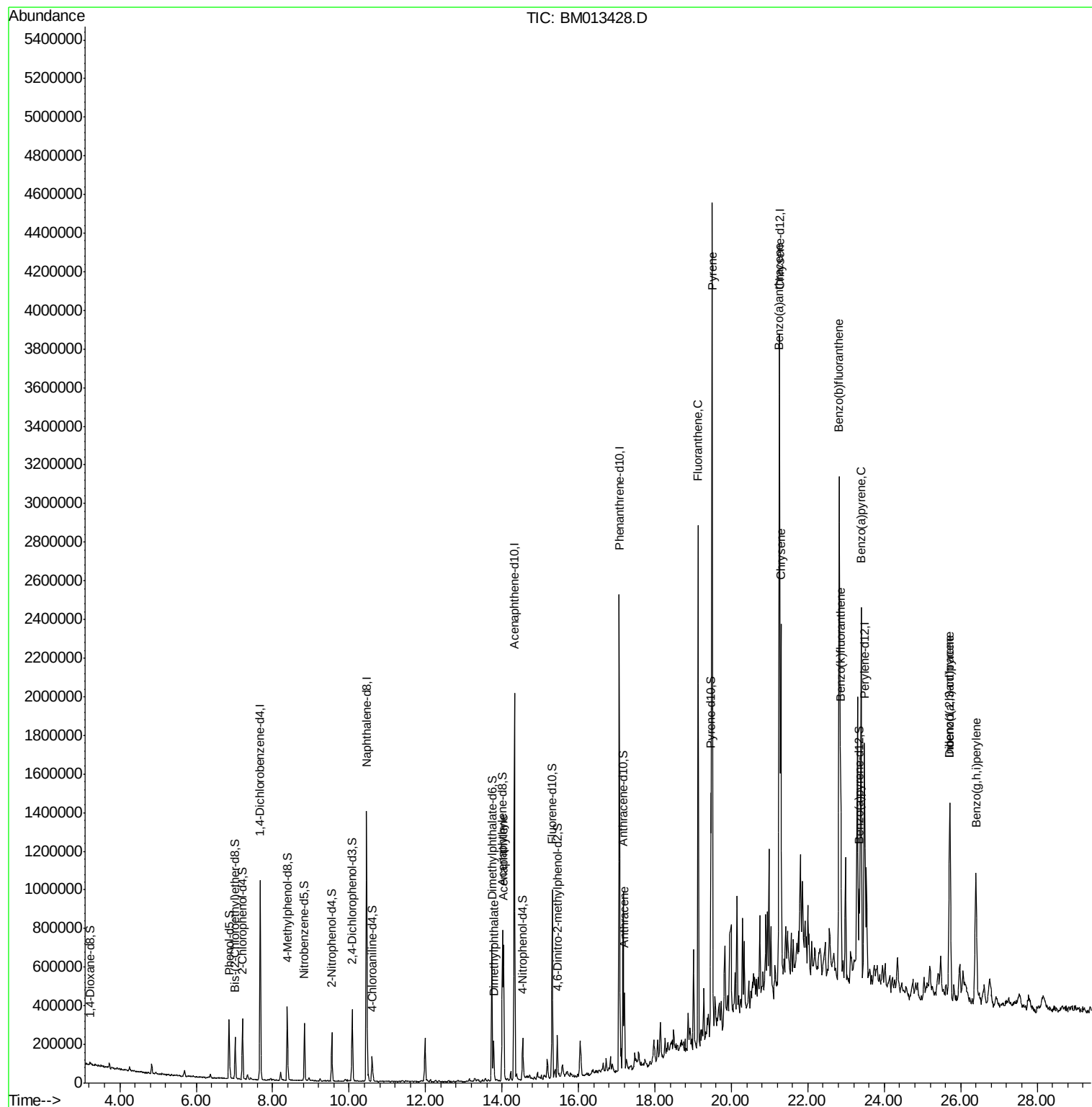
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013428.D
Acq On : 15 Dec 2017 07:11
Operator : SJ/JU
Sample : I6779-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

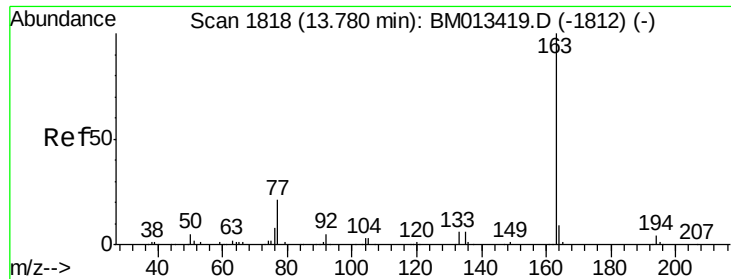
Instrument :
BNA_M
ClientSampleId :
F9A84

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:14 PM

Quant Time: Dec 15 11:12:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration





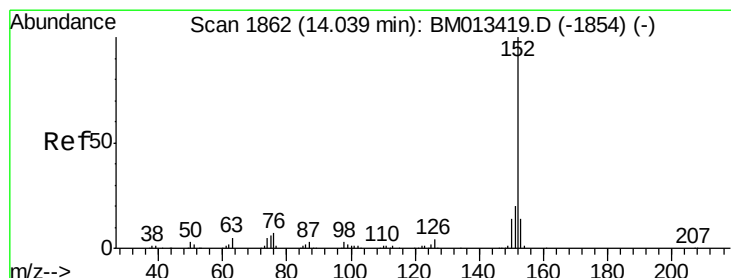
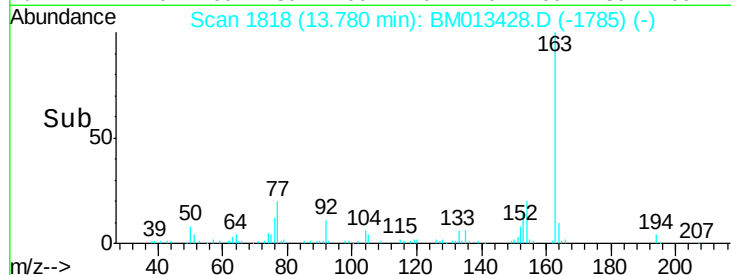
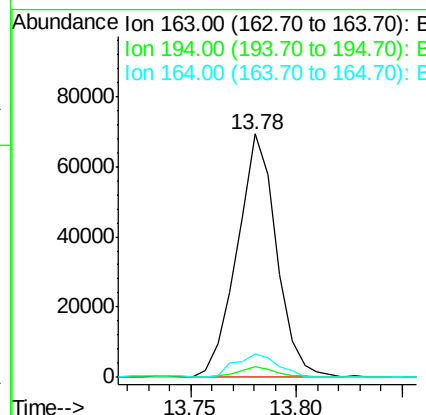
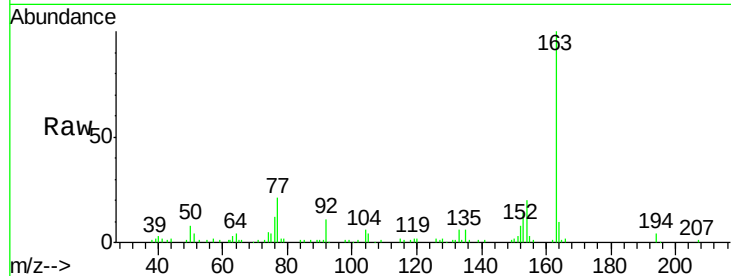
#44
Dimethylphthalate
Concen: 1.600 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM013428.D
Acq: 15 Dec 2017 07:11

Instrument :
BNA_M
ClientSampleId :
F9A84

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	89448		
194	4.2	3.5	5.3	
164	9.6	8.2	12.4	

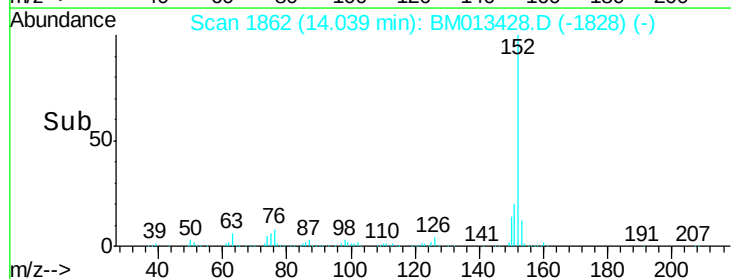
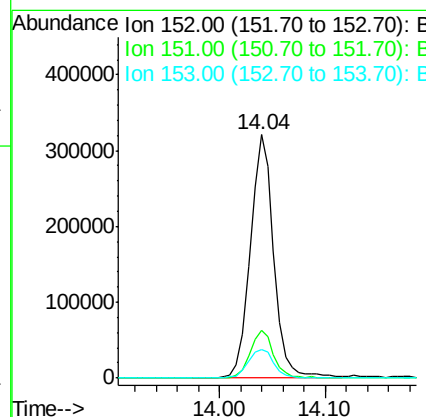
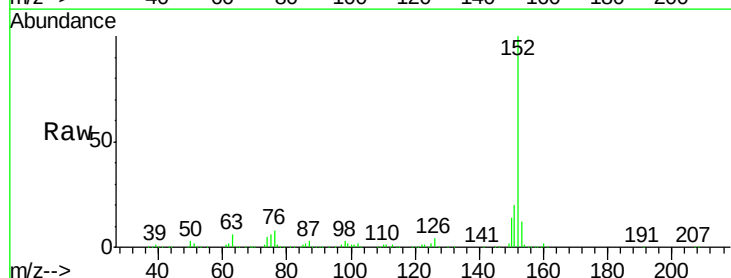
Manual Integrations
APPROVED

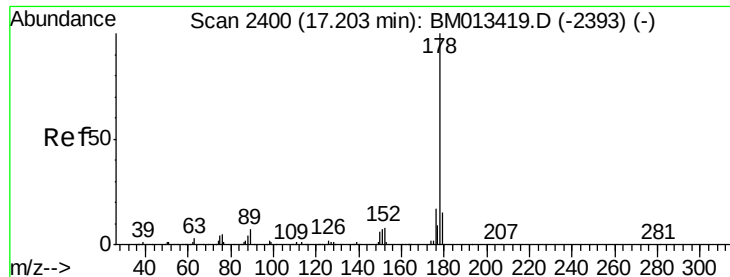
Sohil
12/15/2017 6:49:14 PM



#47
Acenaphthylene
Concen: 7.375 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013428.D
Acq: 15 Dec 2017 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	492341		
151	19.6	16.3	24.5	
153	11.8	10.2	15.4	





#71

Anthracene

Concen: 3.153 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

Instrument :

BNA_M

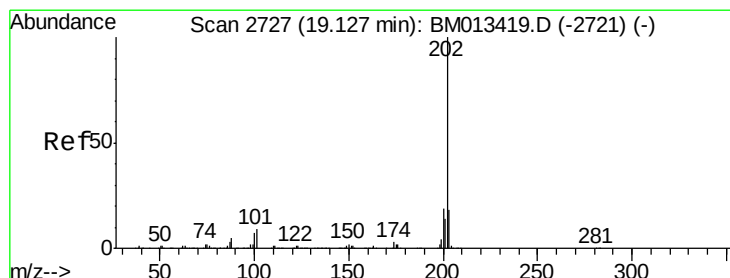
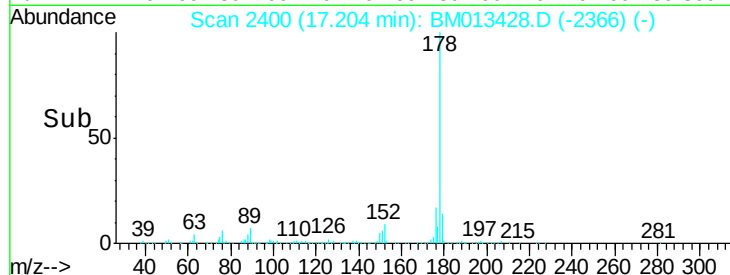
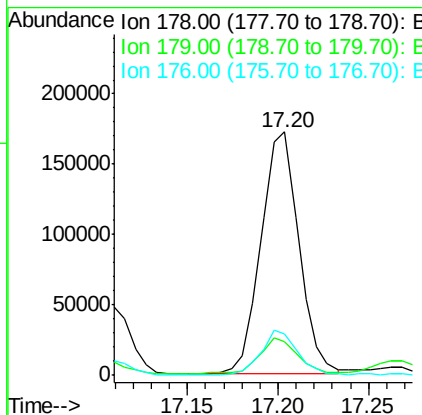
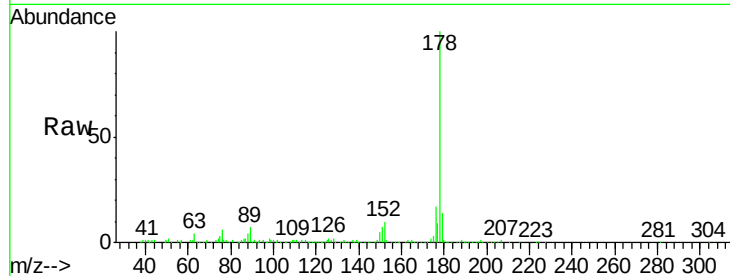
ClientSampleId :

F9A84

Tgt Ion:	178	Resp:	250727
Ion Ratio	Lower	Upper	
178	100		
179	14.1	11.7	17.5
176	17.0	14.6	21.8

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:14 PM



#74

Fluoranthene

Concen: 16.832 ng/ul

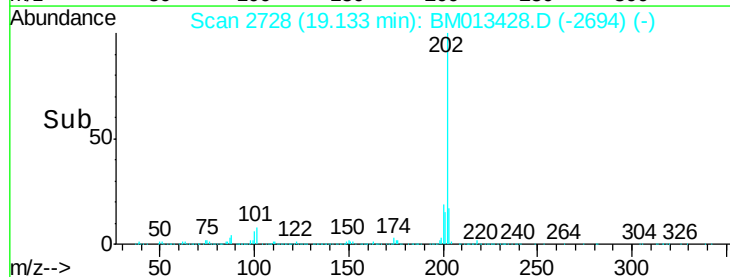
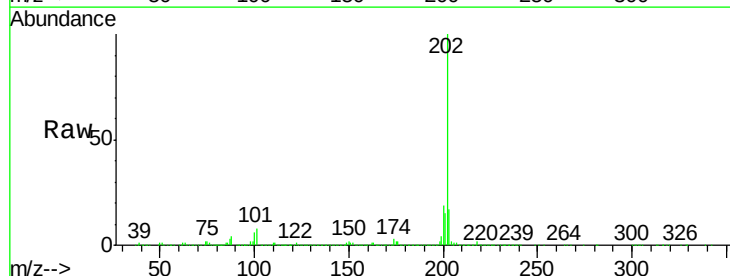
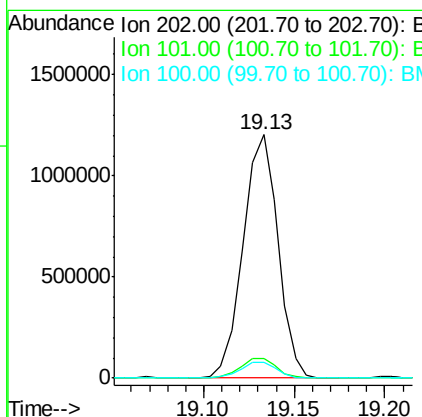
RT: 19.13 min Scan# 2728

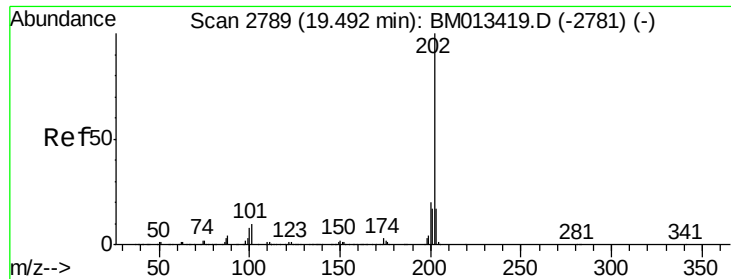
Delta R.T. -0.00 min

Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

Tgt Ion:	202	Resp:	1604699
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.6	7.0#
100	6.4	3.4	5.2#





#77

Pyrene

Concen: 38.407 ng/ul m

RT: 19.50 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

Instrument :

BNA_M

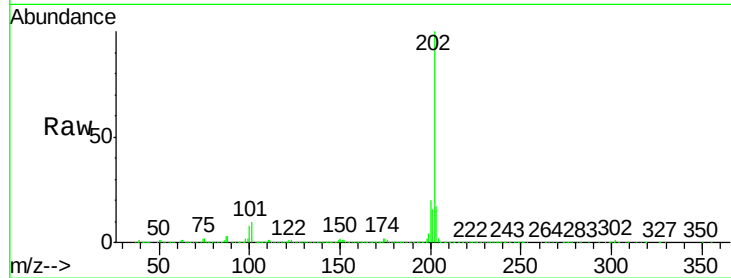
ClientSampleId :

F9A84

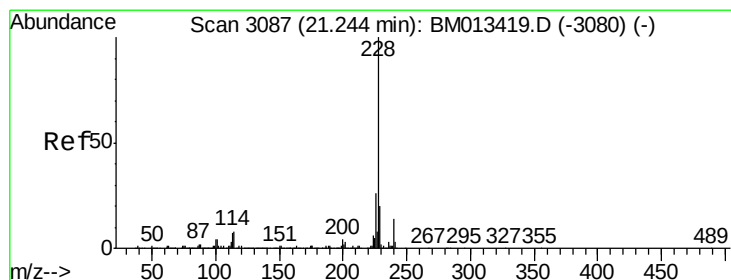
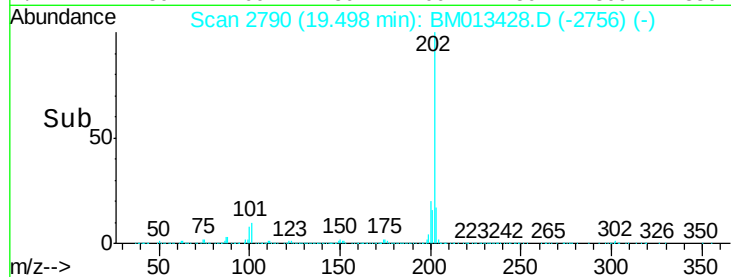
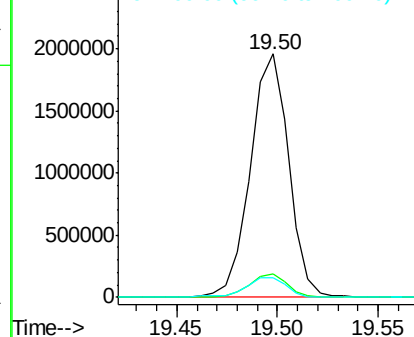
Tgt Ion:	202	Resp:	2585106
Ion Ratio	Lower	Upper	
202	100		
101	9.6	5.1	7.7#
100	8.3	4.9	7.3#

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:14 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 15.848 ng/ul m

RT: 21.24 min Scan# 3087

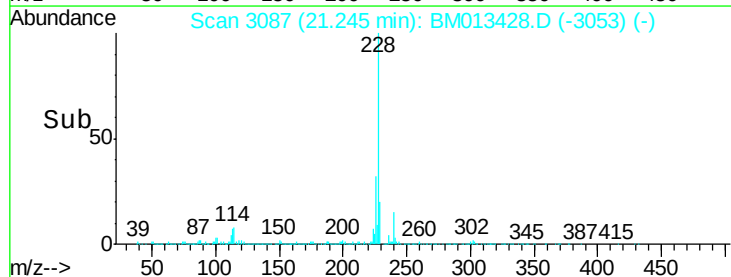
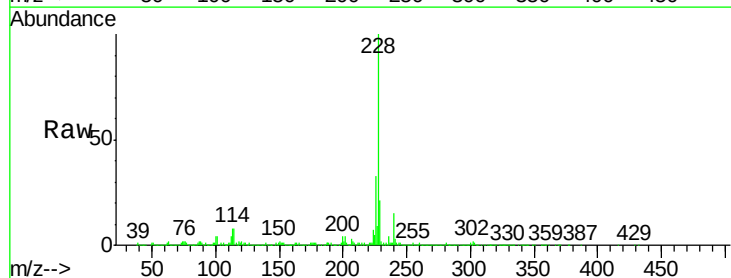
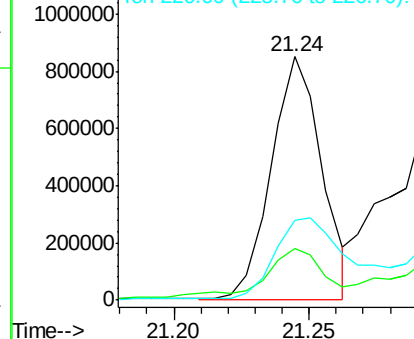
Delta R.T. -0.00 min

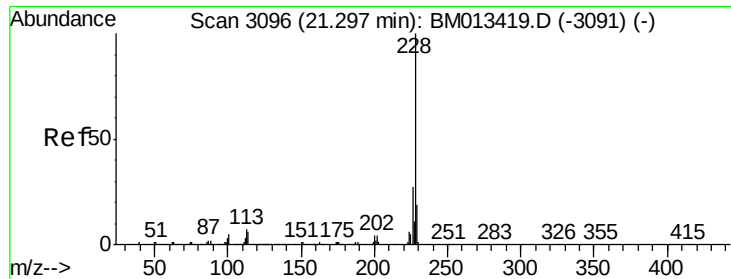
Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

Tgt Ion:	228	Resp:	1114042
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.0
226	32.9	21.4	32.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 18.451 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

Instrument :

BNA_M

ClientSampleId :

F9A84

Tgt Ion:228 Resp: 1203258

Ion Ratio Lower Upper

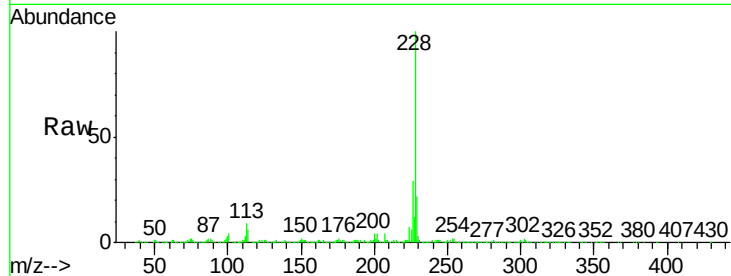
228 100

226 29.5 23.4 35.2

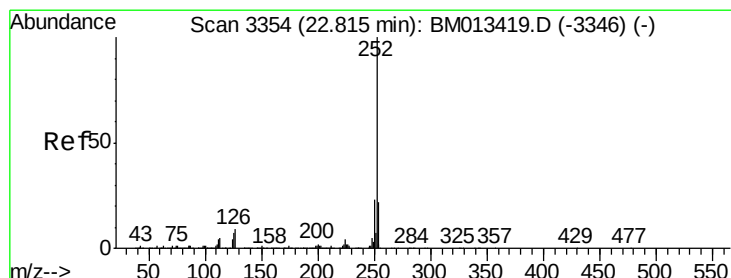
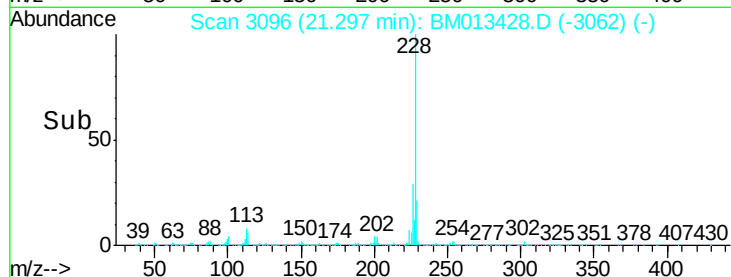
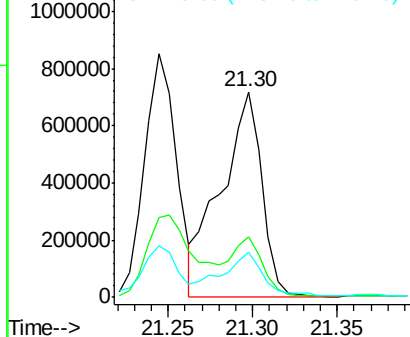
229 22.0 15.5 23.3

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:14 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 36.450 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BM013428.D

Acq: 15 Dec 2017 07:11

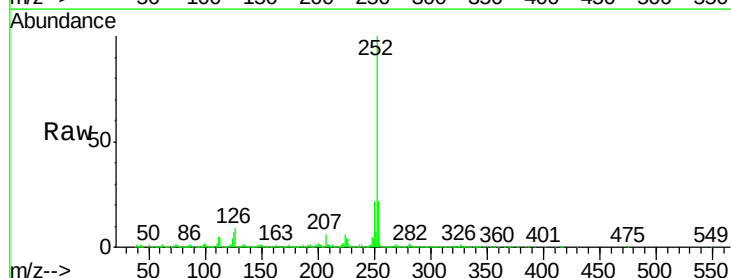
Tgt Ion:252 Resp: 2182936

Ion Ratio Lower Upper

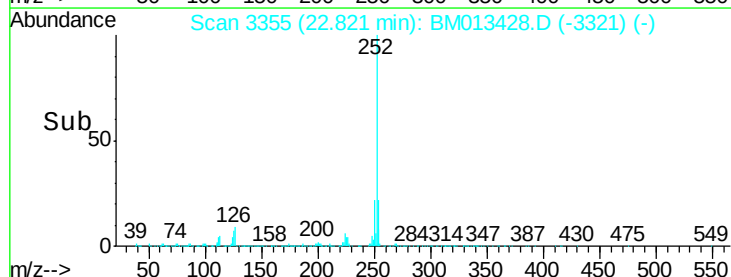
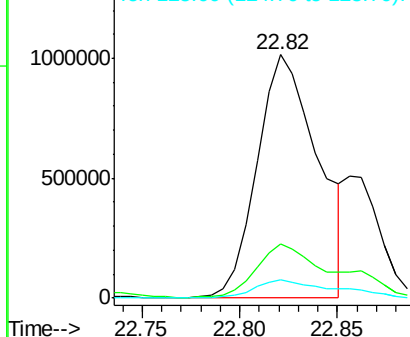
252 100

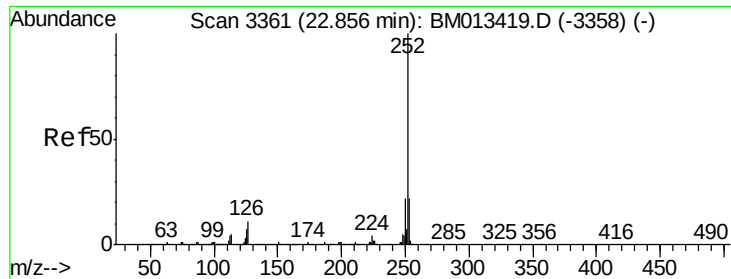
253 22.3 17.9 26.9

125 7.4 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





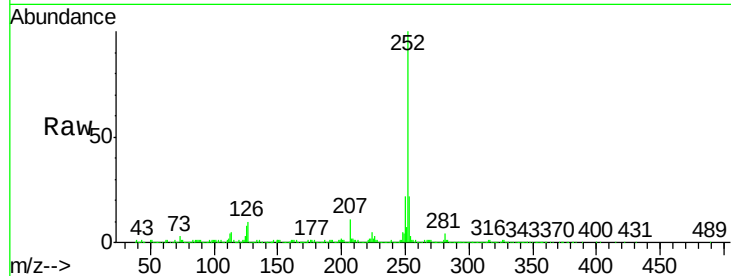
#86
Benzo(k)fluoranthene
Concen: 11.171 ng/ul m
RT: 22.86 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM013428.D
Acq: 15 Dec 2017 07:11

Instrument :
BNA_M
ClientSampleId :
F9A84

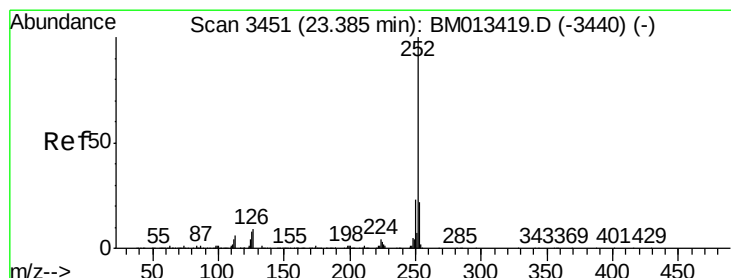
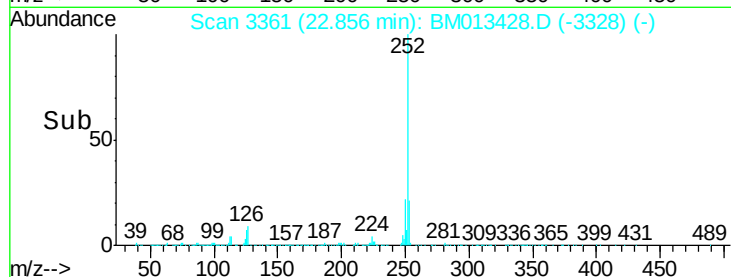
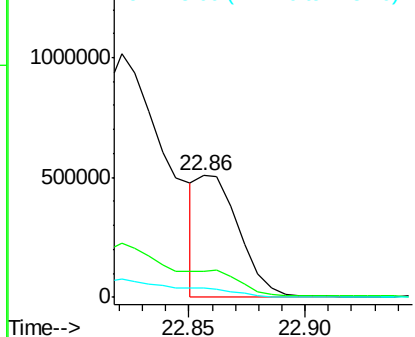
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	7.7	3.4	5.2

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:14 PM



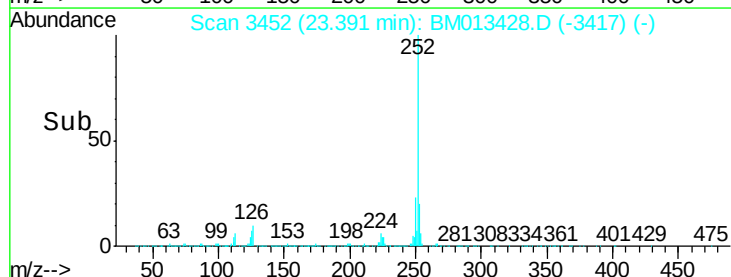
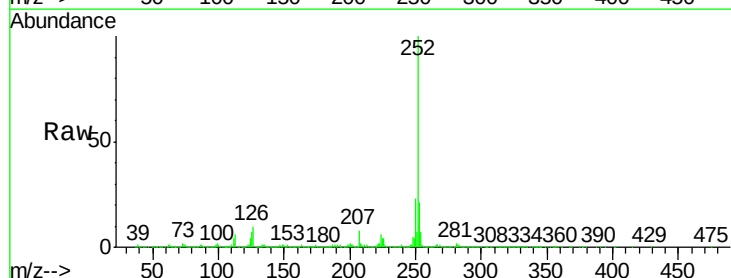
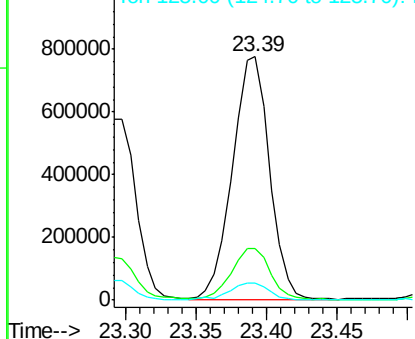
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

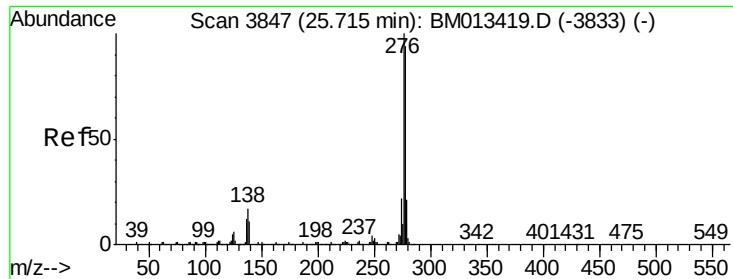


#88
Benzo(a)pyrene
Concen: 26.345 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM013428.D
Acq: 15 Dec 2017 07:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.9	4.0	6.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





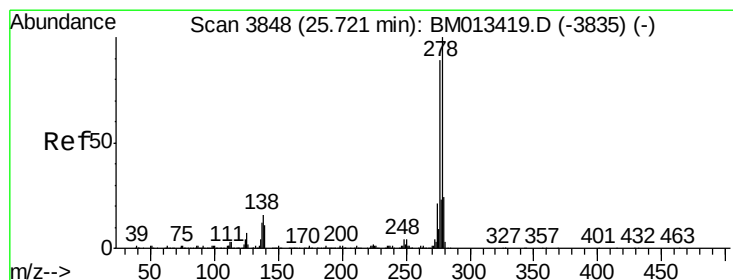
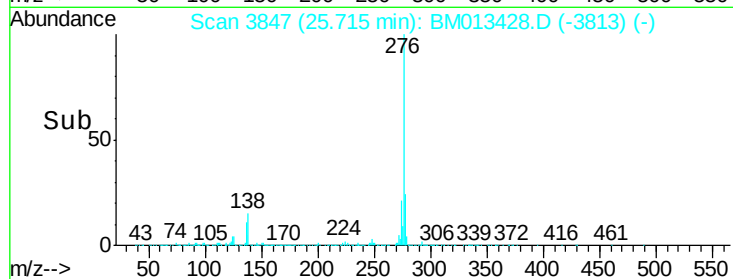
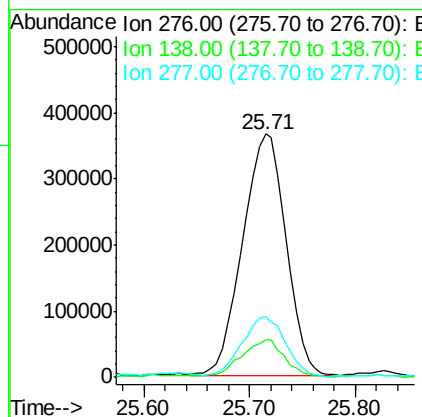
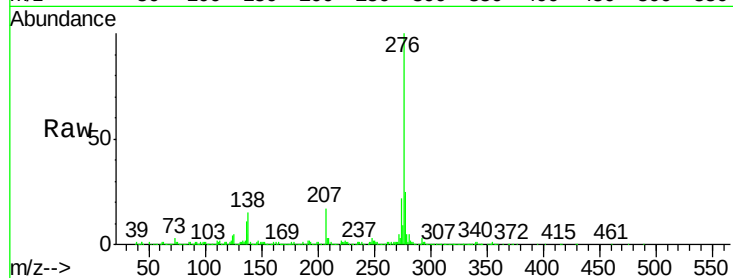
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 19.546 ng/ul
 RT: 25.71 min Scan# 3847
 Delta R.T. -0.00 min
 Lab File: BM013428.D
 Acq: 15 Dec 2017 07:11

Instrument :
 BNA_M
 ClientSampleId :
 F9A84

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	9.3	13.9#
277	24.7	19.9	29.9

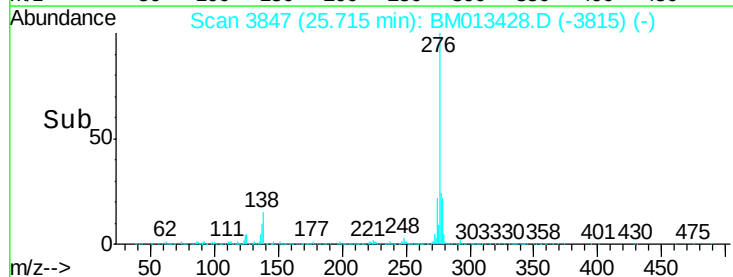
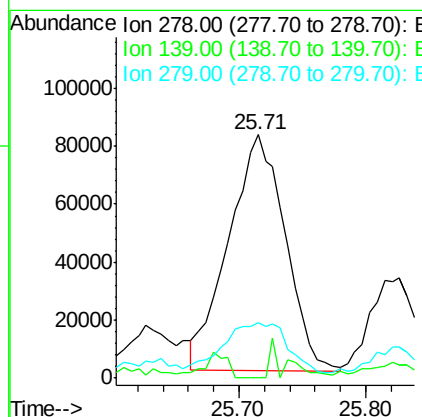
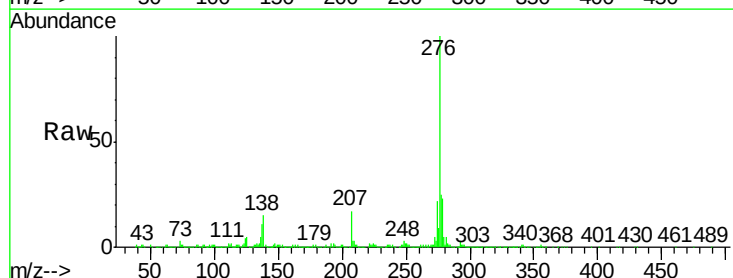
Manual Integrations
 APPROVED

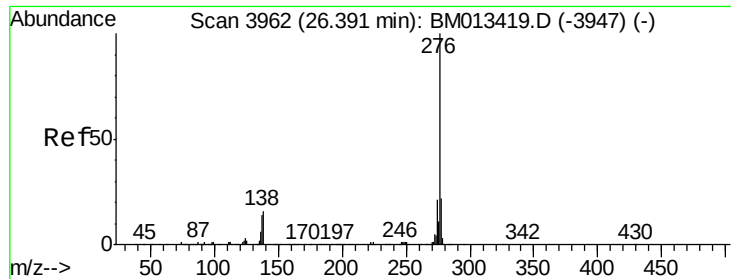
Sohil
 12/15/2017 6:49:14 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 5.559 ng/ul
 RT: 25.71 min Scan# 3847
 Delta R.T. -0.01 min
 Lab File: BM013428.D
 Acq: 15 Dec 2017 07:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	22.5	18.6	27.8





#91
 Benzo(g,h,i)perylene
 Concen: 19.677 ng/ul
 RT: 26.40 min Scan# 3963
 Delta R.T. -0.00 min
 Lab File: BM013428.D
 Acq: 15 Dec 2017 07:11

Instrument :
 BNA_M
 ClientSampleId :
 F9A84

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.2	8.5	12.7#
277	22.9	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:49:14 PM

