

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
 Data File : BE094885.D
 Acq On : 28 Nov 2017 15:47
 Operator : SJ/JU
 Sample : I6496-19DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB0DL

Manual Integrations
 APPROVED

Sohil
 11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:58:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 29 01:10:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	532	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.71	136	3507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	2531	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	6041	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	6179	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6411	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.34	152	273	0.05	ng/ul	0.04
14) Fluoranthene-d10	19.28	212	917	0.04	ng/ul	-0.01

Target Compounds				Qvalue		
7) Acenaphthylene	14.24	152	480	0.041	ng/ul#	68
12) Phenanthrene	17.29	178	942	0.058	ng/ul#	90
13) Anthracene	17.38	178	477	0.029	ng/ul#	63
15) Fluoranthene	19.31	202	6821	0.320	ng/ul	84
17) Pyrene	19.67	202	6739	0.349	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	4593	0.244	ng/ul#	89
19) Chrysene	21.47	228	3347	0.178	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	5428m	0.284	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2090m	0.103	ng/ul	
23) Benzo(a)pyrene	23.84	252	3331	0.175	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.70	276	2278	0.110	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.67	278	602	0.035	ng/ul#	58
26) Benzo(g,h,i)perylene	27.54	276	1730	0.100	ng/ul#	88

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

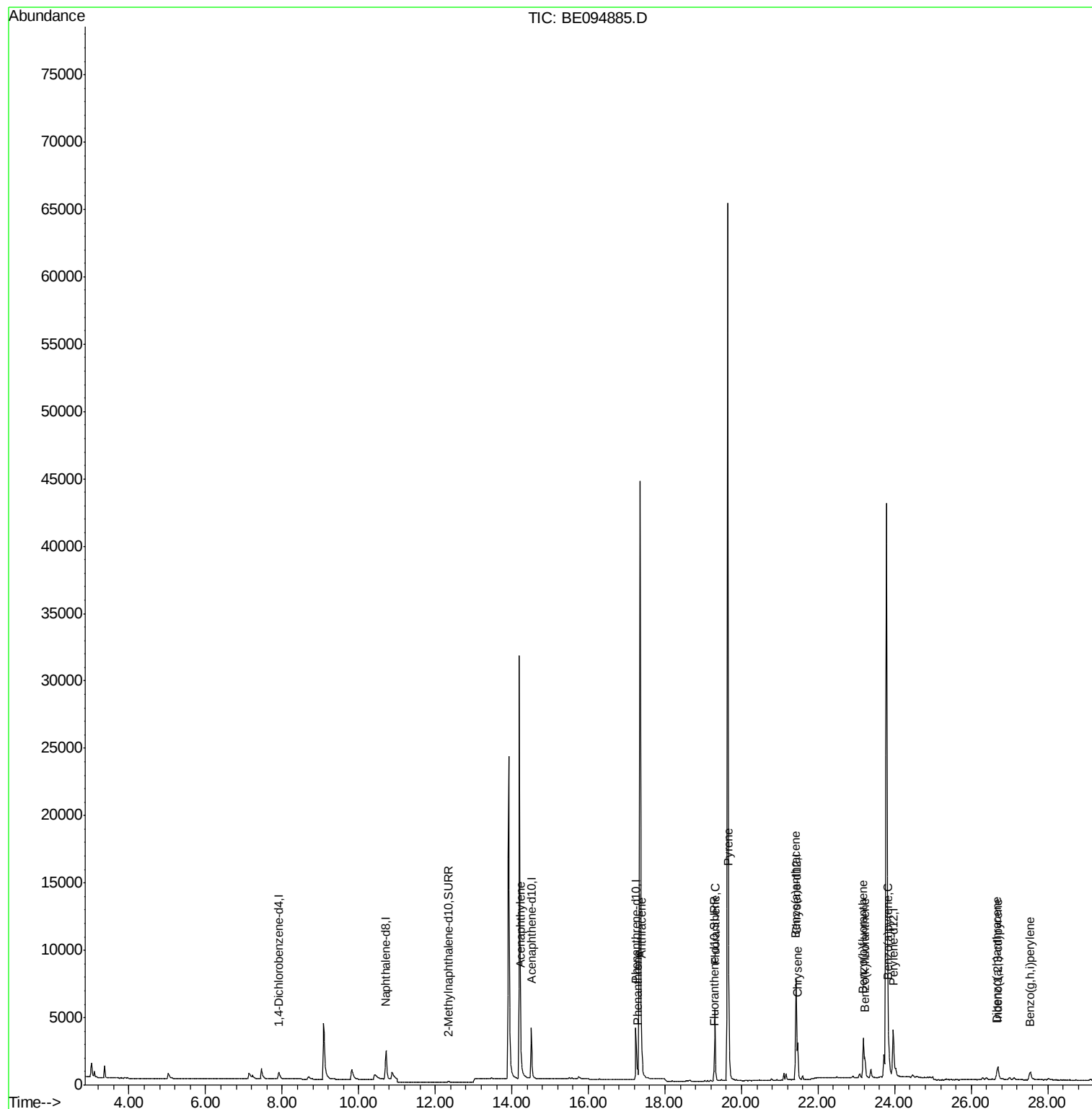
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
Data File : BE094885.D
Acq On : 28 Nov 2017 15:47
Operator : SJ/JU
Sample : I6496-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

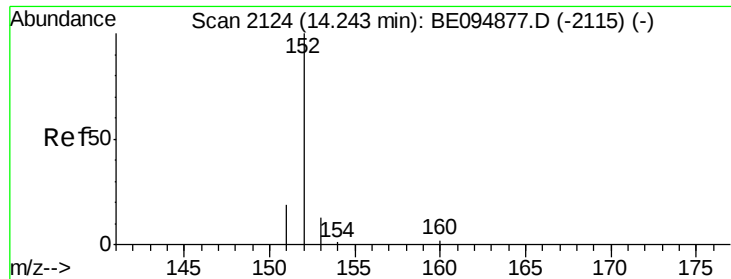
Instrument :
BNA_E
ClientSampleId :
C0AB0DL

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM

Quant Time: Nov 29 01:58:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Instrument :

BNA_E

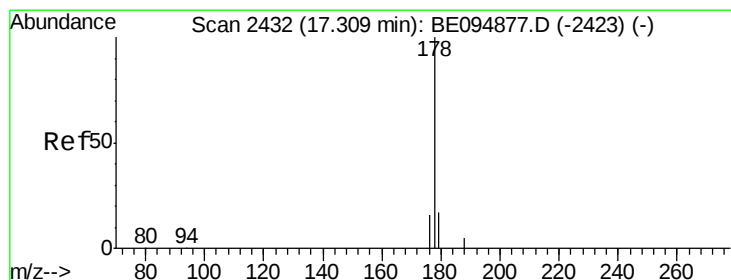
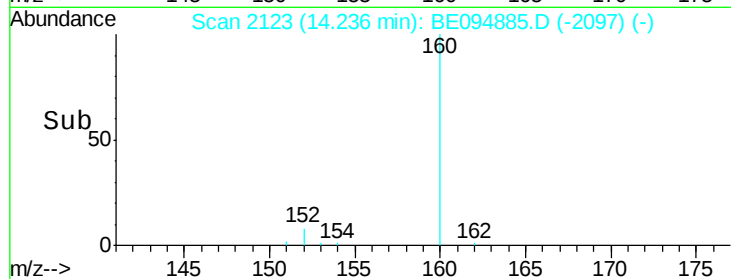
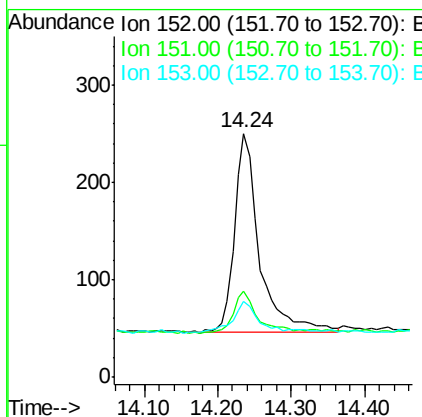
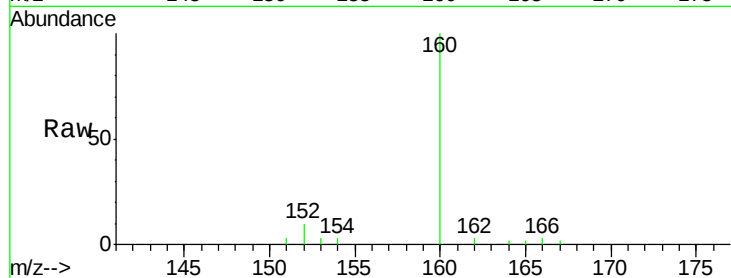
ClientSampleId :

C0AB0DL

Tgt Ion:	152	Resp:	480
Ion Ratio	Lower	Upper	
152	100		
151	35.2	17.1	25.7#
153	30.8	12.8	19.2#

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM



#12

Phenanthrene

Concen: 0.058 ng/ul

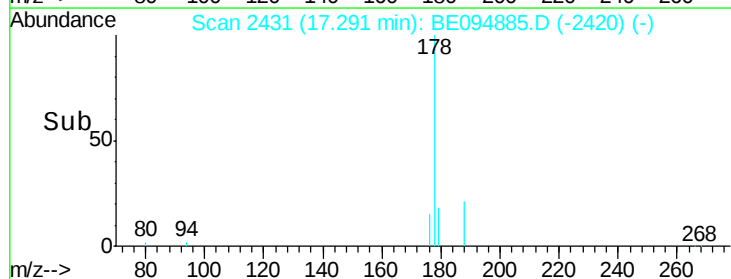
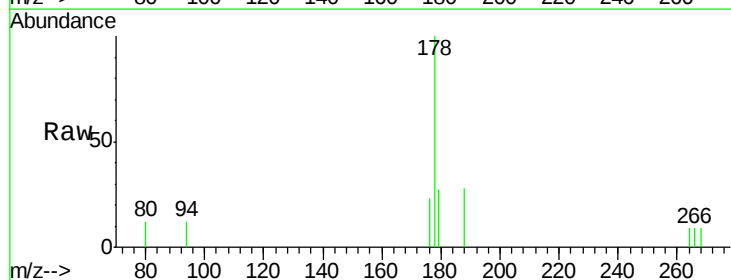
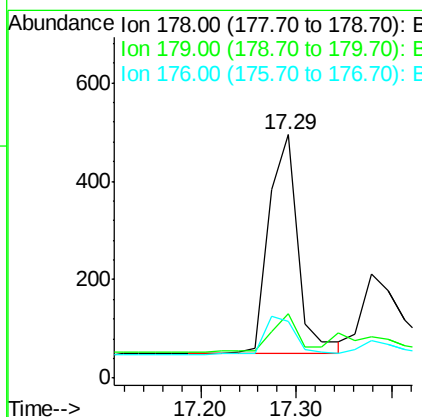
RT: 17.29 min Scan# 2431

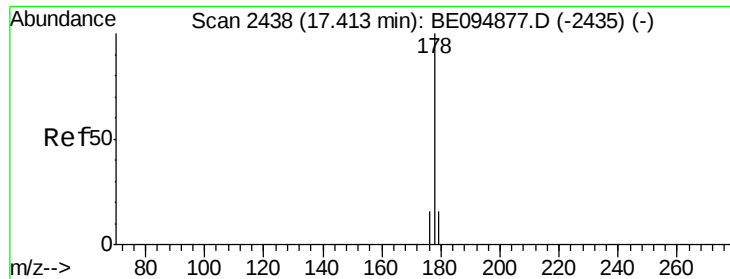
Delta R.T. -0.02 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Tgt Ion:	178	Resp:	942
Ion Ratio	Lower	Upper	
178	100		
179	26.7	18.4	27.6
176	23.0	13.6	20.4#





#13

Anthracene

Concen: 0.029 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Instrument :

BNA_E

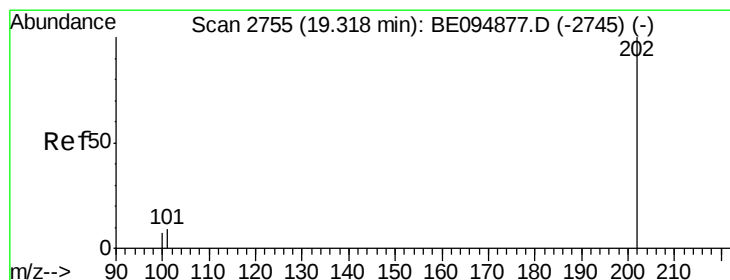
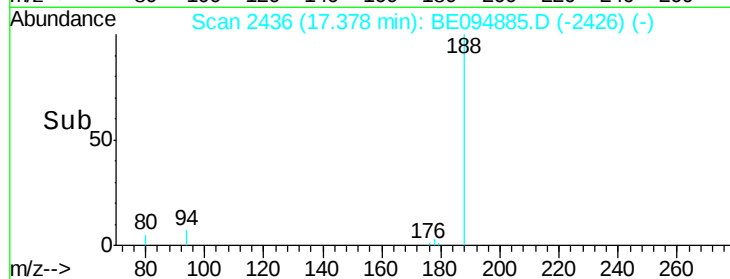
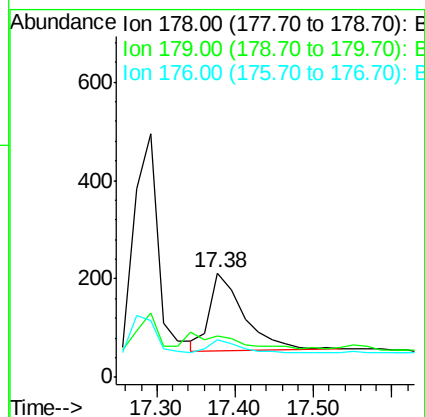
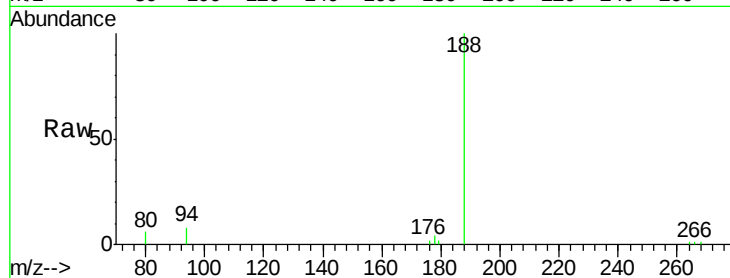
ClientSampleId :

C0AB0DL

Tgt Ion:	178	Resp:	477
Ion Ratio	Lower	Upper	
178	100		
179	39.2	18.1	27.1#
176	35.8	14.7	22.1#

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM



#15

Fluoranthene

Concen: 0.320 ng/ul

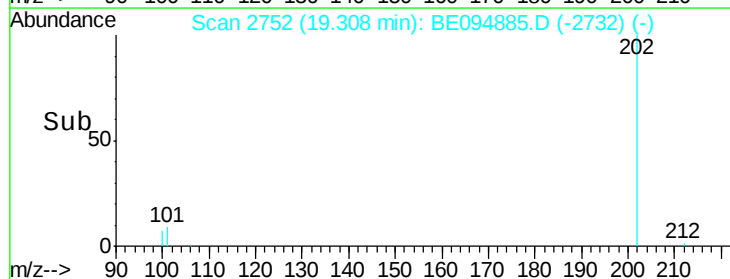
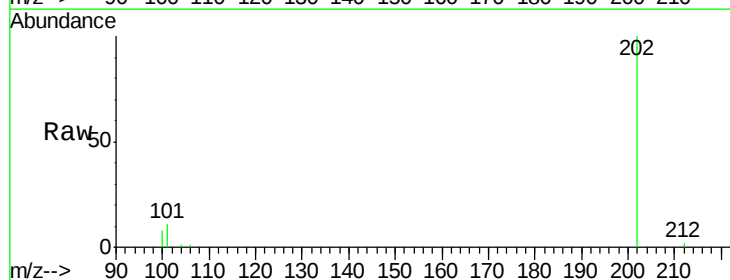
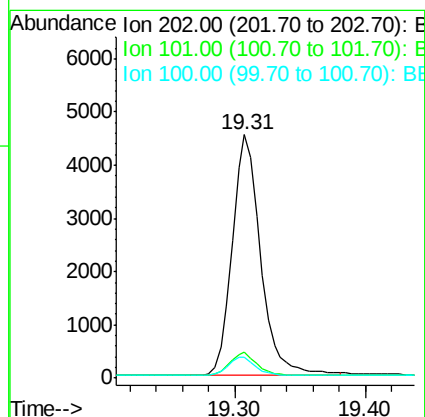
RT: 19.31 min Scan# 2752

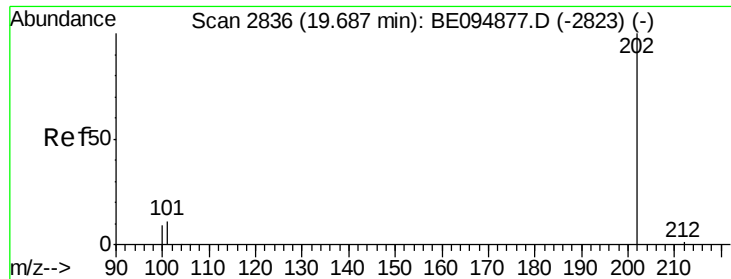
Delta R.T. -0.01 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Tgt Ion:	202	Resp:	6821
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.3
100	8.4	0.0	39.5





#17

Pyrene

Concen: 0.349 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Instrument :

BNA_E

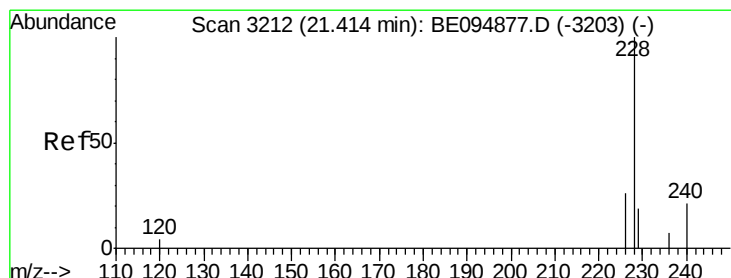
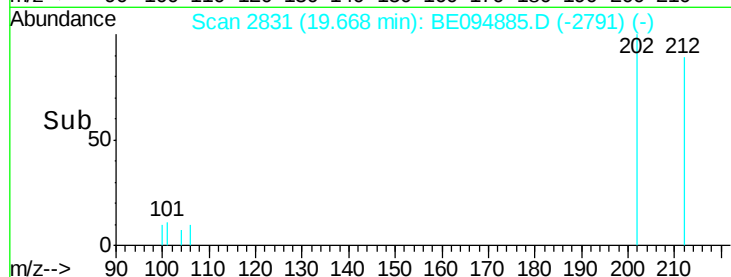
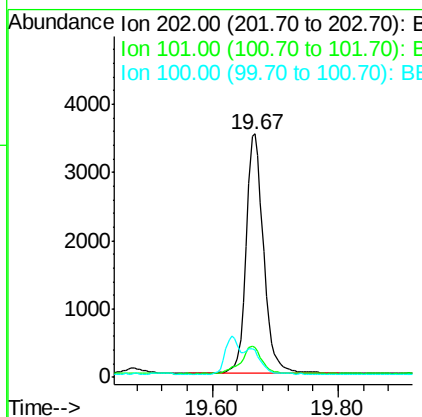
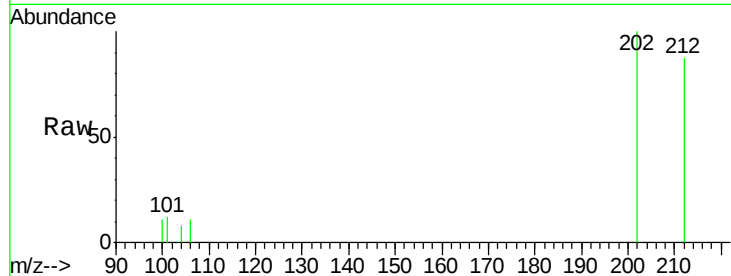
ClientSampleId :

C0AB0DL

Tgt Ion:	202	Resp:	6739
Ion Ratio	Lower	Upper	
202	100		
101	12.1	18.2	27.4#
100	11.0	15.6	23.4#

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM



#18

Benzo(a)anthracene

Concen: 0.244 ng/ul

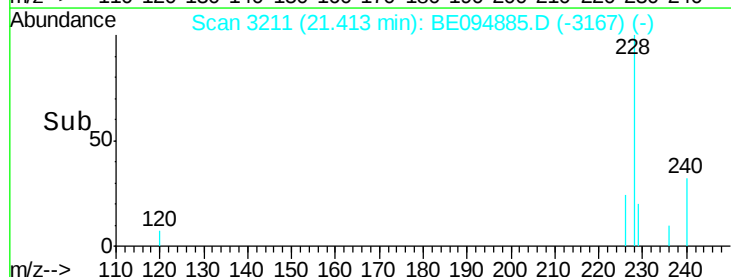
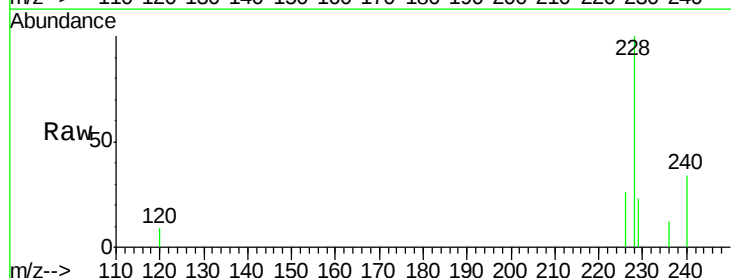
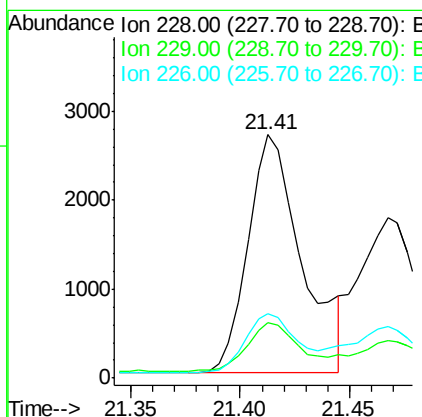
RT: 21.41 min Scan# 3211

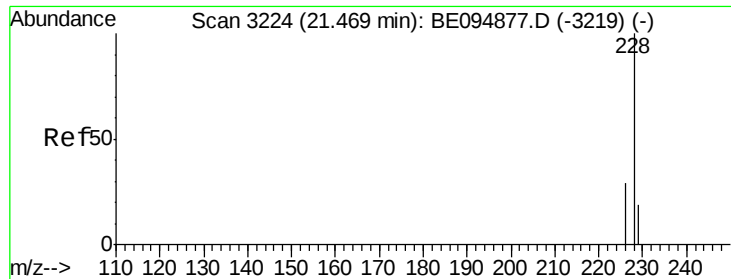
Delta R.T. -0.00 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Tgt Ion:	228	Resp:	4593
Ion Ratio	Lower	Upper	
228	100		
229	22.6	22.8	34.2#
226	26.3	17.0	25.6#





#19

Chrysene

Concen: 0.178 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Instrument :

BNA_E

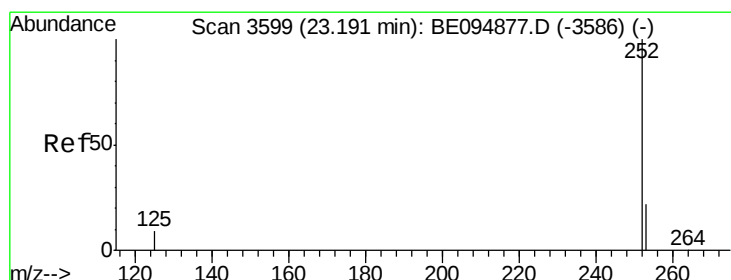
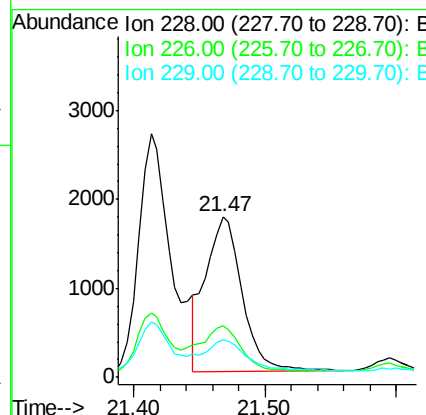
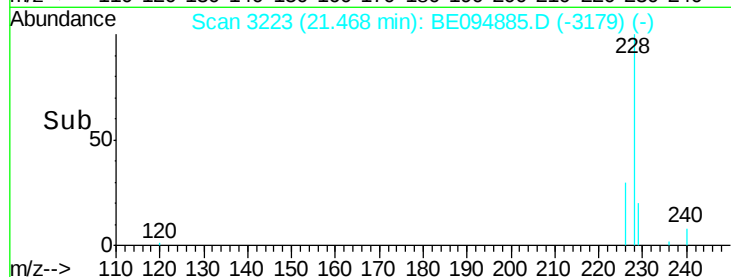
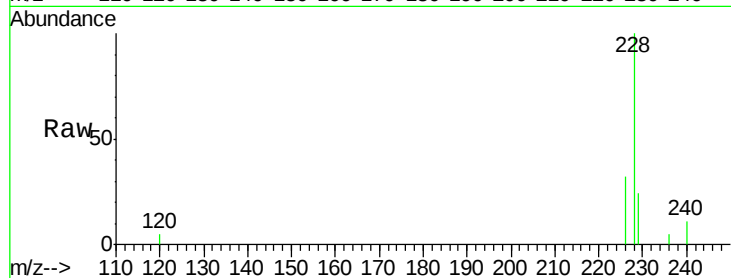
ClientSampleId :

C0AB0DL

Tgt Ion:	228	Resp:	3347
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.0
229	23.6	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM



#21

Benzo(b)fluoranthene

Concen: 0.284 ng/ul m

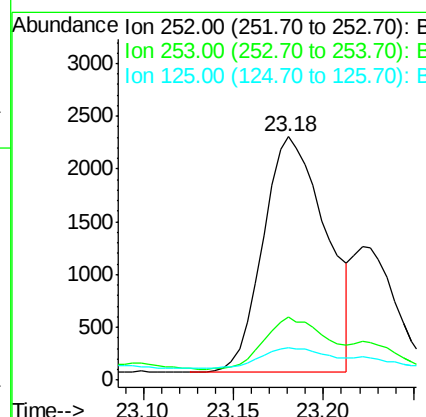
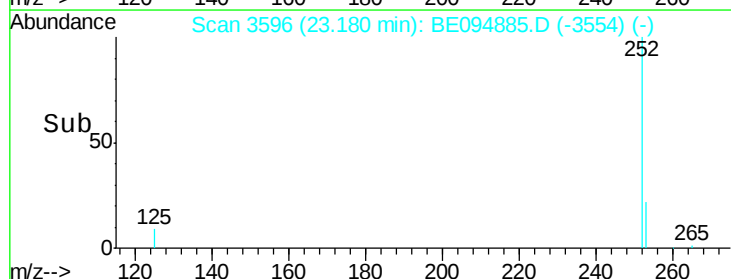
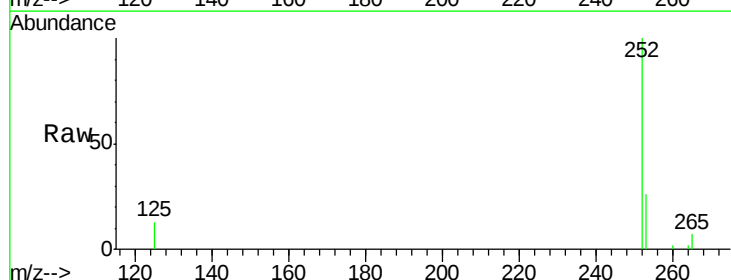
RT: 23.18 min Scan# 3596

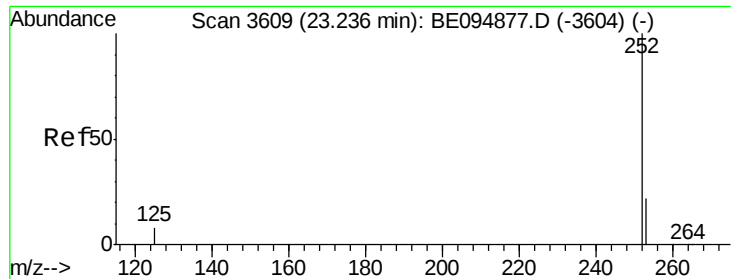
Delta R.T. -0.01 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Tgt Ion:	252	Resp:	5428
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	64.2
125	13.4	0.0	35.0





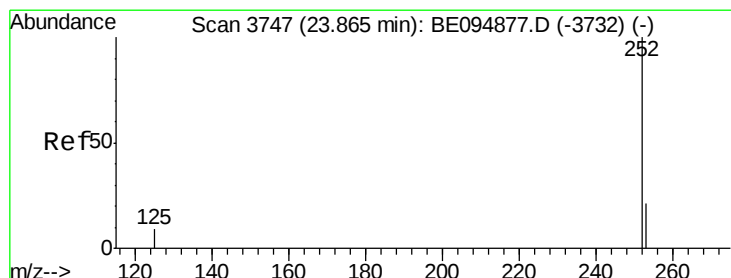
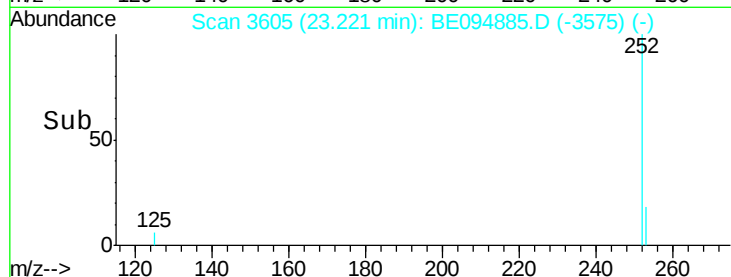
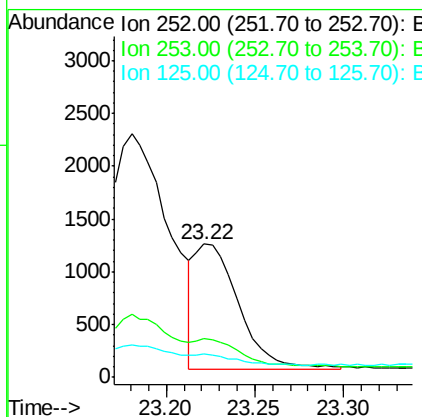
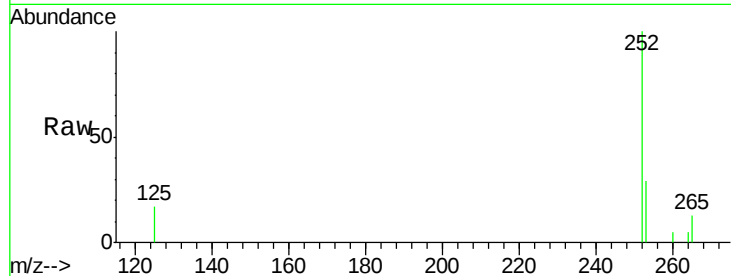
#22
Benzo(k)fluoranthene
Concen: 0.103 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094885.D
Acq: 28 Nov 2017 15:47

Instrument :
BNA_E
ClientSampleId :
C0AB0DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	24.5	36.7
125	17.2	13.7	20.5

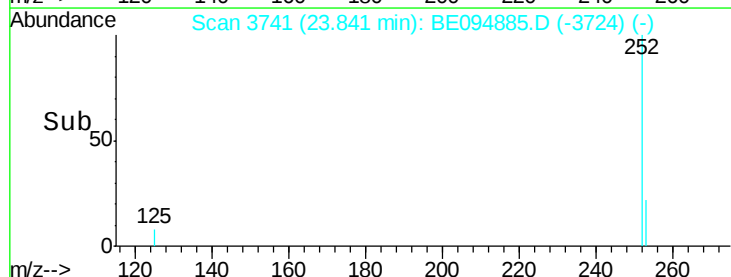
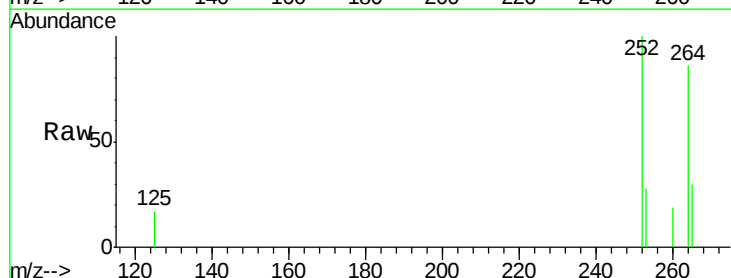
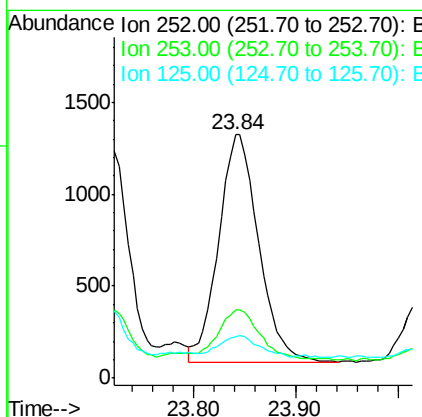
Manual Integrations
APPROVED

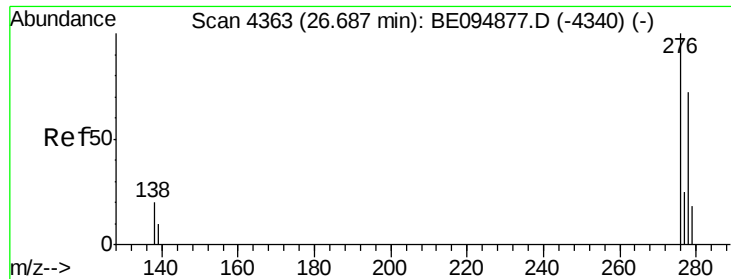
Sohil
11/29/2017 5:15:05 PM



#23
Benzo(a)pyrene
Concen: 0.175 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BE094885.D
Acq: 28 Nov 2017 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	28.5	42.7#
125	16.9	18.1	27.1#





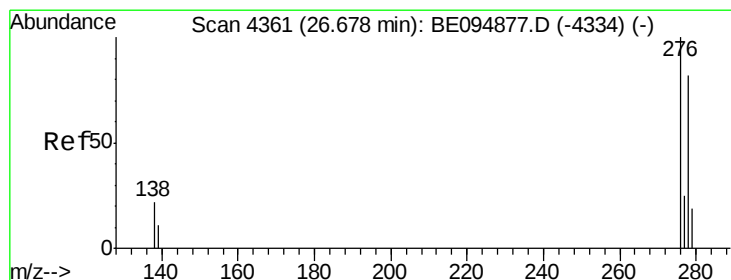
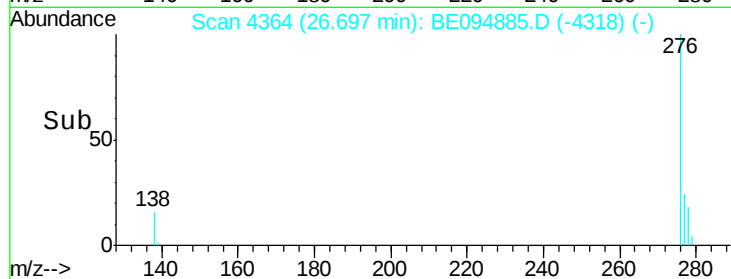
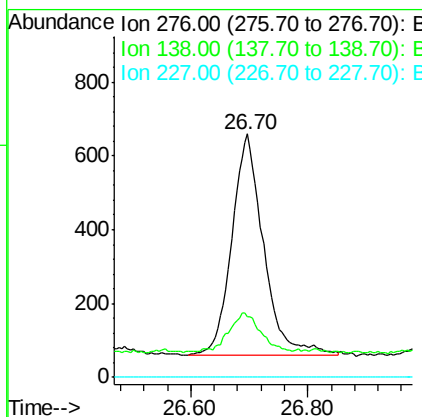
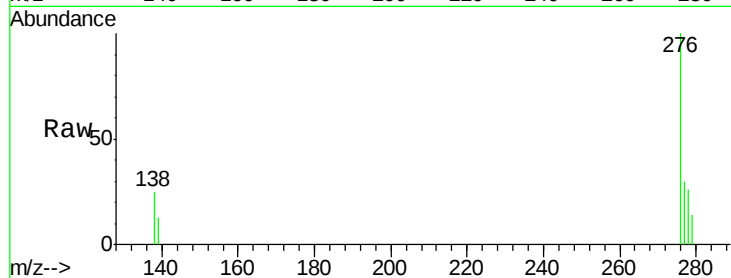
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.110 ng/u1
 RT: 26.70 min Scan# 4364
 Delta R.T. 0.01 min
 Lab File: BE094885.D
 Acq: 28 Nov 2017 15:47

Instrument :
 BNA_E
 ClientSampleId :
 C0AB0DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	28.0	42.0#
227	0.0	8.0	12.0#

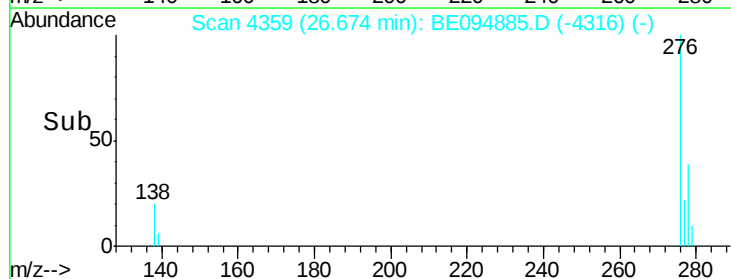
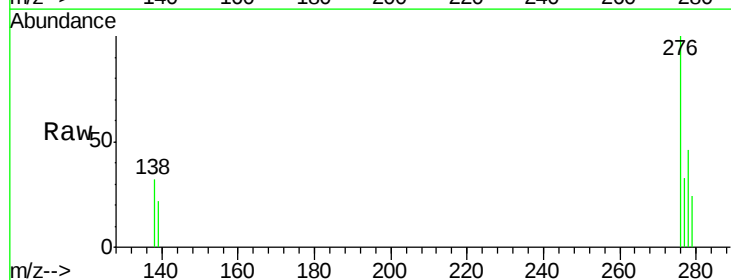
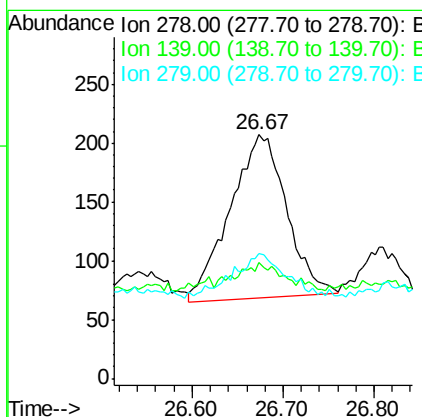
Manual Integrations
 APPROVED

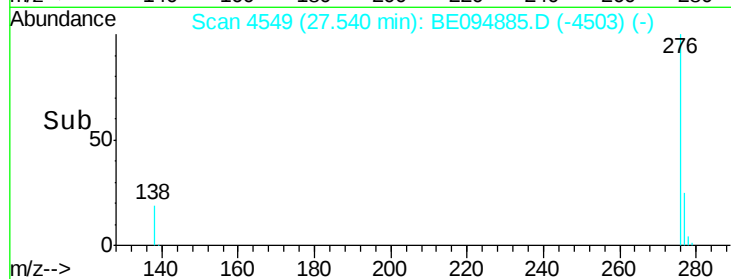
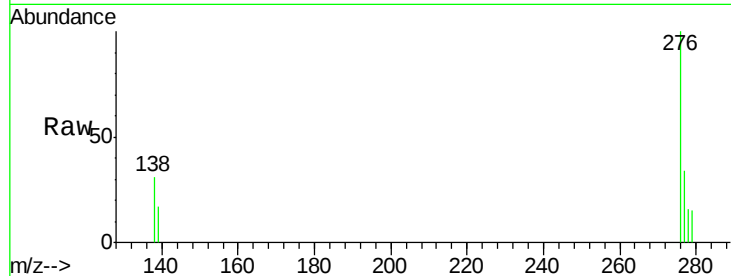
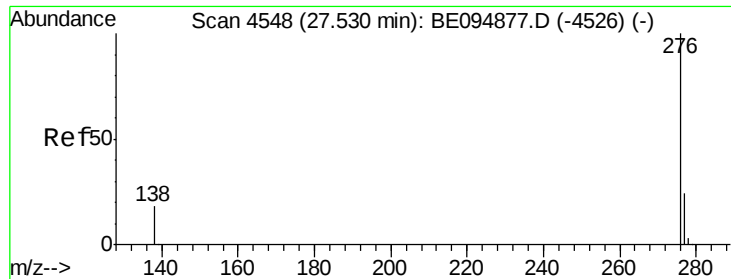
Sohil
 11/29/2017 5:15:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.035 ng/u1
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.00 min
 Lab File: BE094885.D
 Acq: 28 Nov 2017 15:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.3	17.4	26.0#
279	51.2	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.100 ng/ul

RT: 27.54 min Scan# 4549

Delta R.T. 0.01 min

Lab File: BE094885.D

Acq: 28 Nov 2017 15:47

Instrument :

BNA_E

ClientSampleId :

C0AB0DL

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	30.8	21.8	32.8	
277	34.5	20.5	30.7	

Manual Integrations
APPROVED

Sohil
11/29/2017 5:15:05 PM

