

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094755.D
 Acq On : 6 Nov 2017 16:16
 Operator : SJ/JU
 Sample : I6150-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-78(0.5-1.5)-102517

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:41:39 PM

Quant Time: Nov 07 11:32:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 01:37:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1248	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7588	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9141	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9327	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	514	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1216	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	2598	0.140	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	891	0.069	ng/ul	94
7) Acenaphthylene	14.24	152	1068	0.055	ng/ul#	85
8) Acenaphthene	14.58	153	3928	0.282	ng/ul	99
9) Fluorene	15.57	166	3471	0.222	ng/ul	93
12) Phenanthrene	17.29	178	63727	2.639	ng/ul#	88
13) Anthracene	17.38	178	17830	0.748	ng/ul#	91
15) Fluoranthene	19.31	202	127598	4.571	ng/ul	83
17) Pyrene	19.67	202	108816	3.774	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	70162	2.631	ng/ul#	87
19) Chrysene	21.47	228	61366	2.227	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	75817m	2.894	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	32500m	1.158	ng/ul	
23) Benzo(a)pyrene	23.86	252	53602	2.047	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.69	276	27391	1.011	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	6604	0.289	ng/ul#	80
26) Benzo(g,h,i)perylene	27.53	276	20161	0.927	ng/ul#	94

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

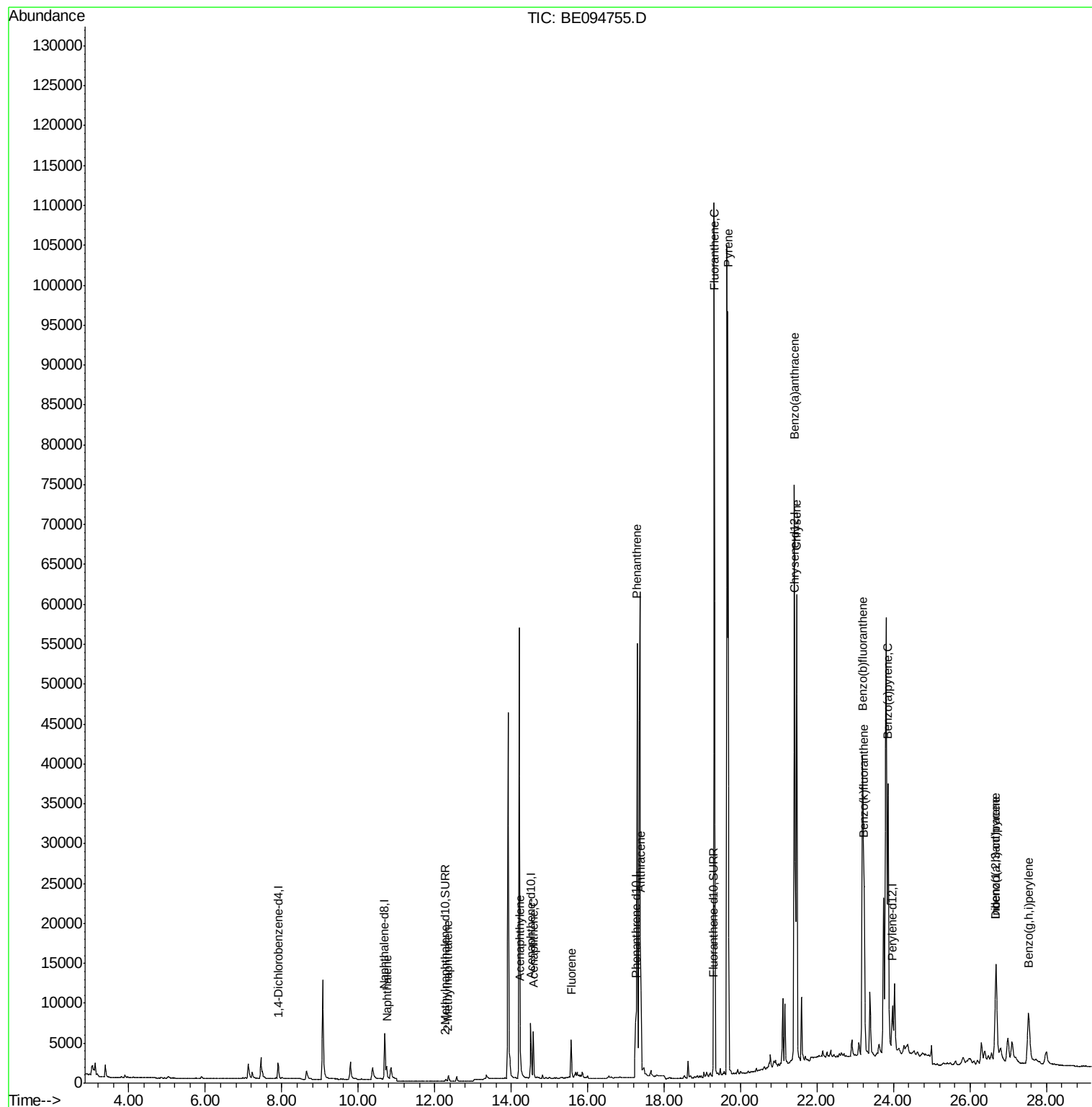
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
Data File : BE094755.D
Acq On : 6 Nov 2017 16:16
Operator : SJ/JU
Sample : I6150-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

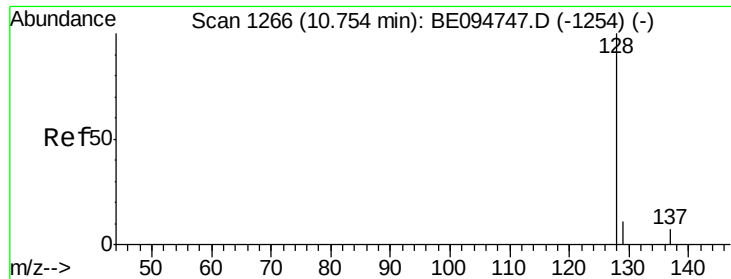
Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM

Quant Time: Nov 07 11:32:45 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 01:37:48 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.140 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

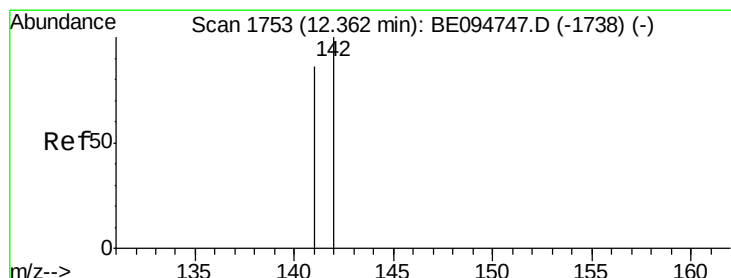
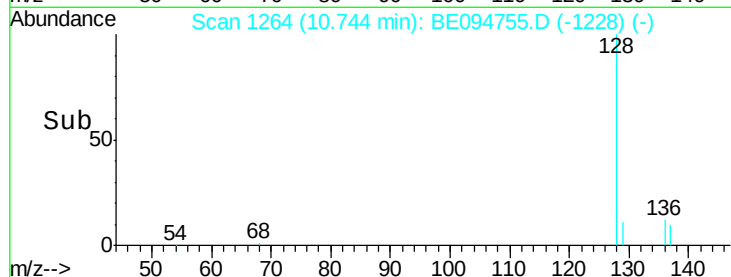
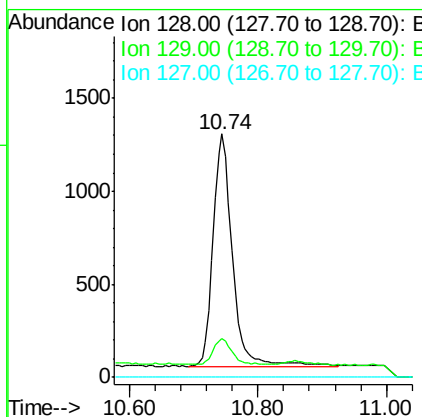
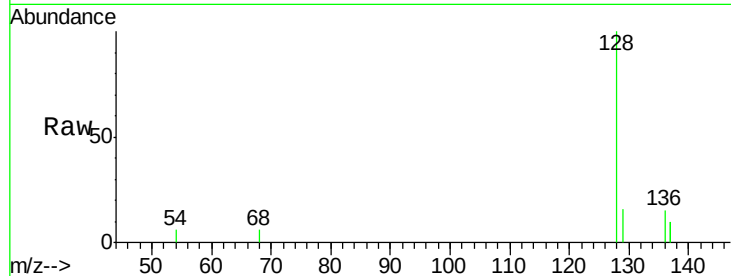
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

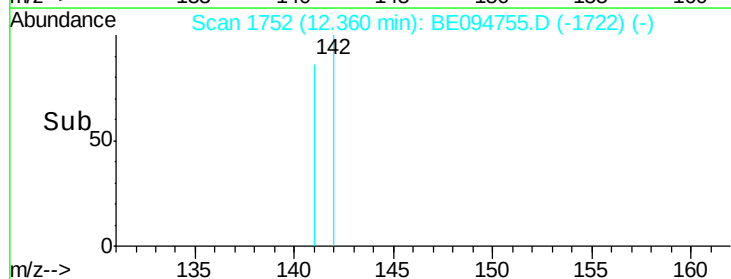
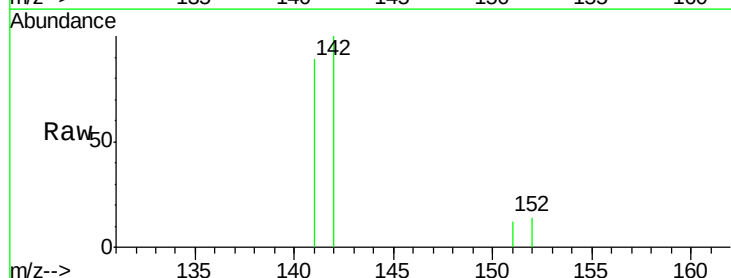
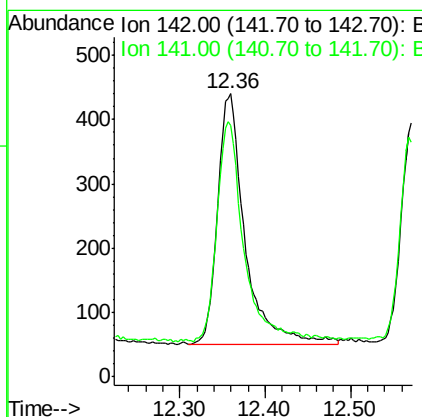
RT: 12.36 min Scan# 1752

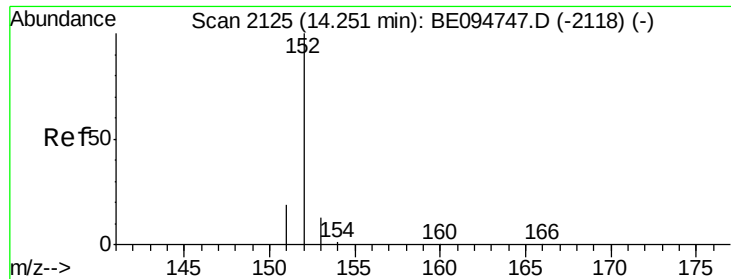
Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

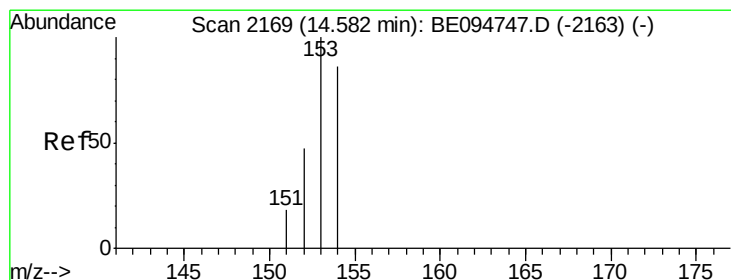
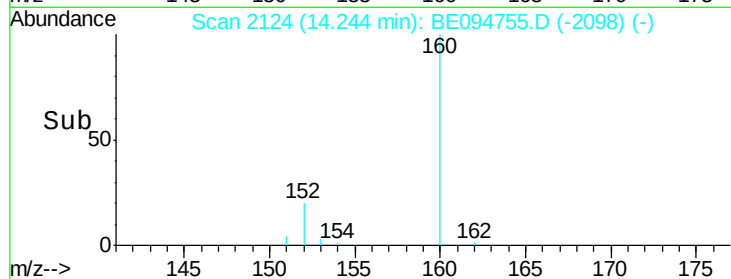
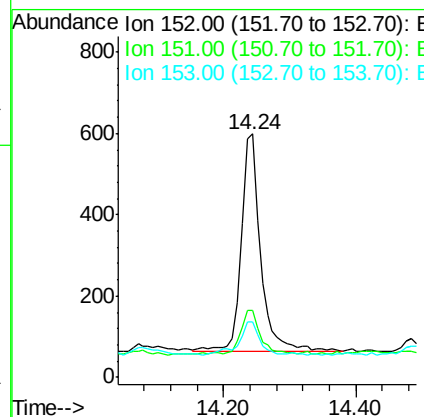
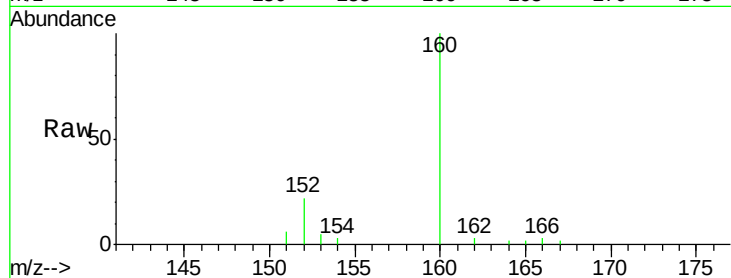
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.7	17.1	25.7#
153	22.9	12.8	19.2#

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#8

Acenaphthene

Concen: 0.282 ng/ul

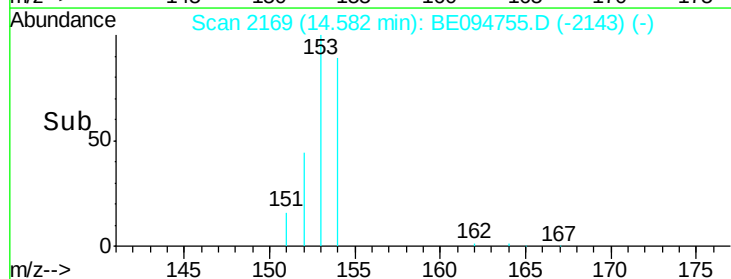
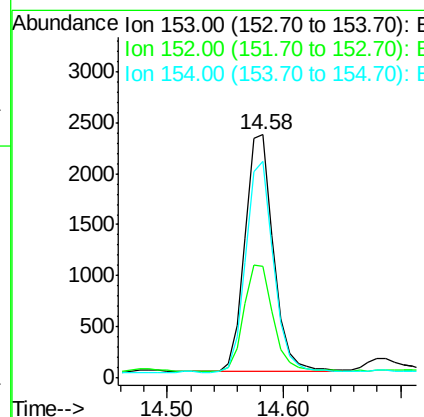
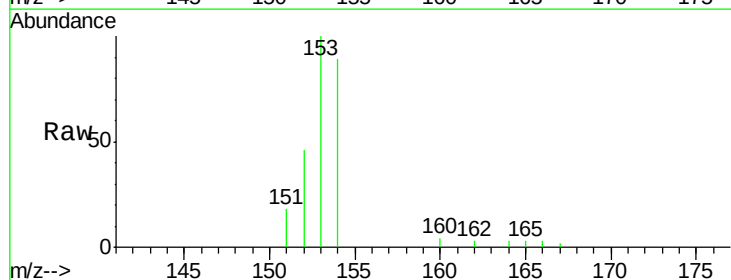
RT: 14.58 min Scan# 2169

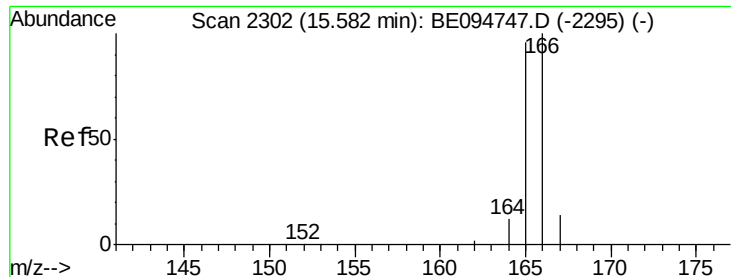
Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	36.0	54.0
154	88.9	72.0	108.0





#9

Fluorene

Concen: 0.222 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

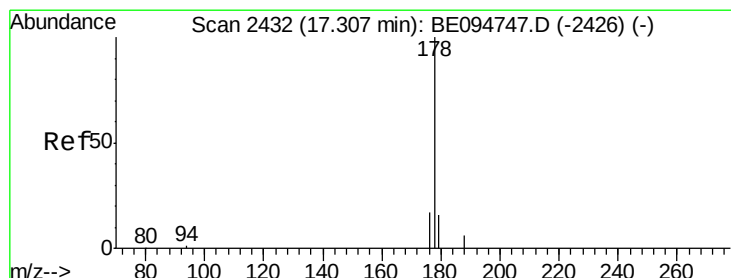
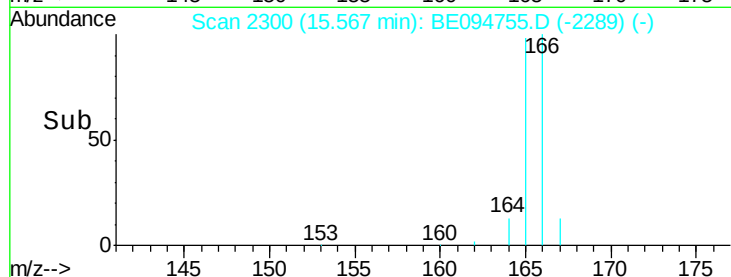
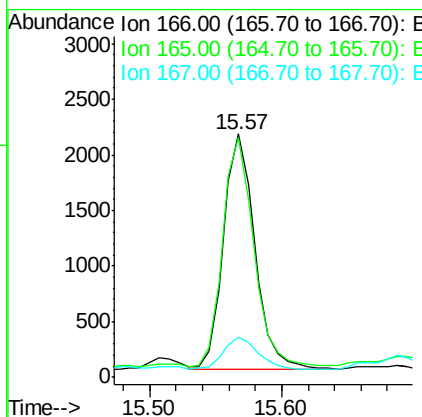
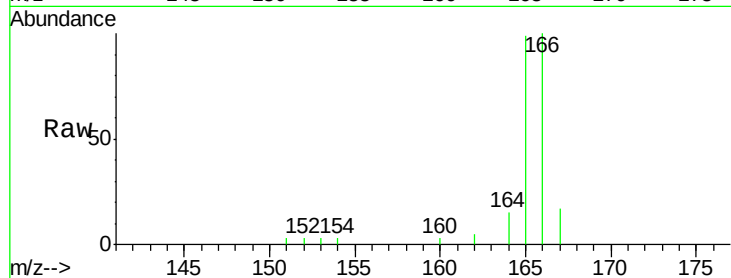
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion:	166	Resp:	3471
Ion Ratio	Lower	Upper	
166	100		
165	98.7	73.4	110.2
167	16.6	14.6	22.0

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#12

Phenanthrene

Concen: 2.639 ng/ul

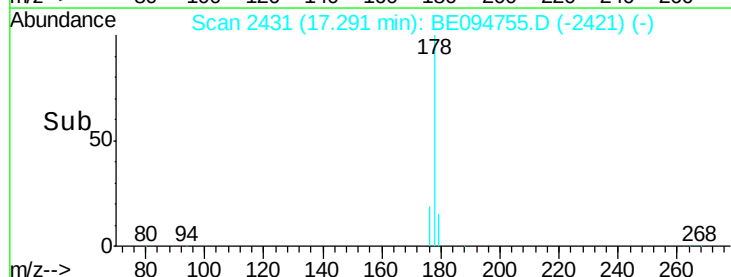
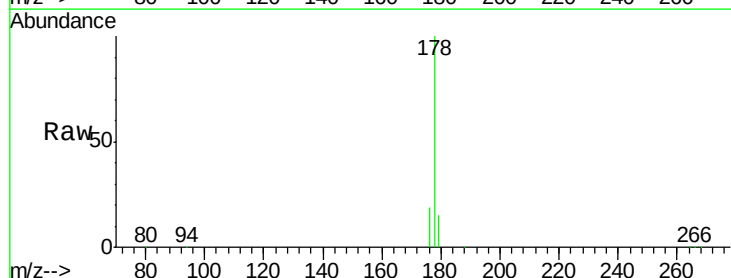
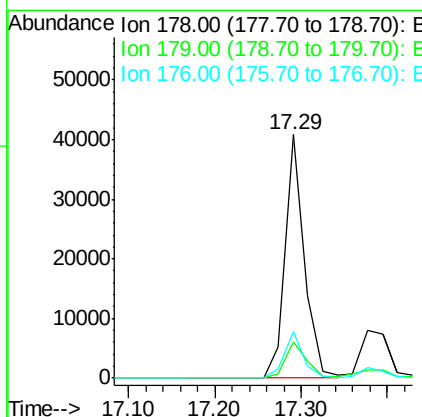
RT: 17.29 min Scan# 2431

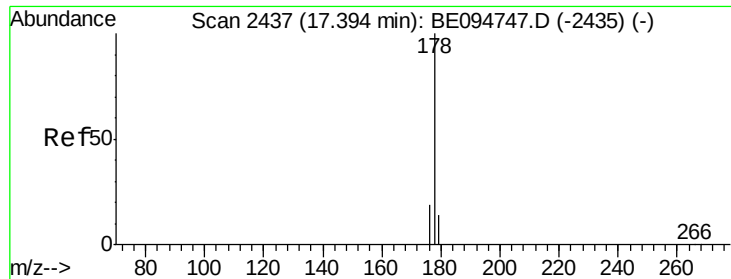
Delta R.T. -0.02 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion:	178	Resp:	63727
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	18.9	13.6	20.4





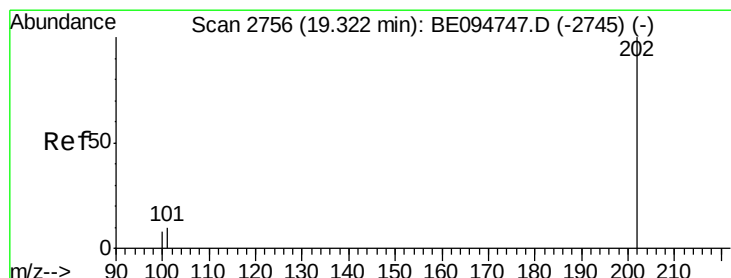
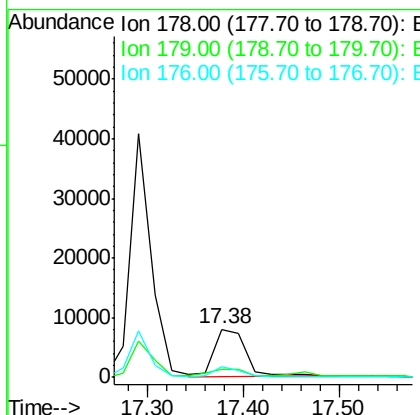
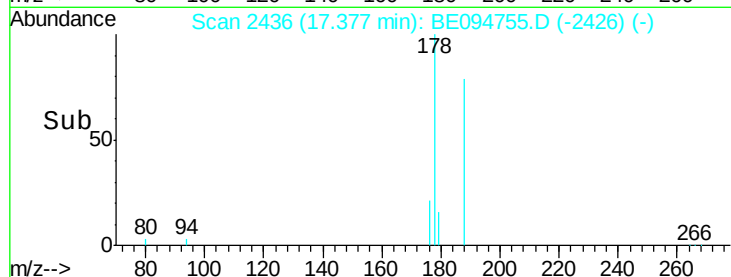
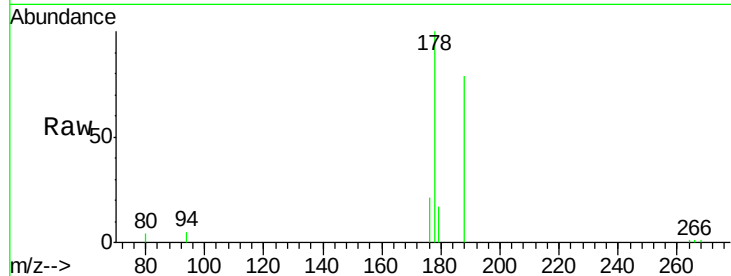
#13
 Anthracene
 Concen: 0.748 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094755.D
 Acq: 6 Nov 2017 16:16

Instrument :
 BNA_E
 ClientSampleId :
 B-78(0.5-1.5)-102517

Tgt Ion:178 Resp: 17830
 Ion Ratio Lower Upper
 178 100
 179 16.9 18.1 27.1#
 176 21.2 14.7 22.1

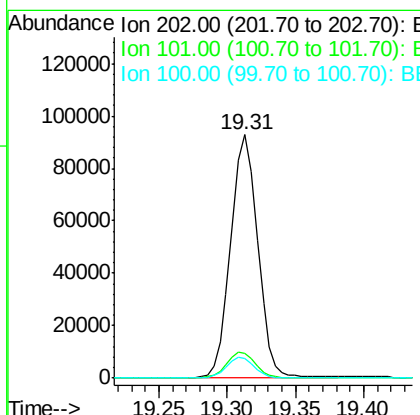
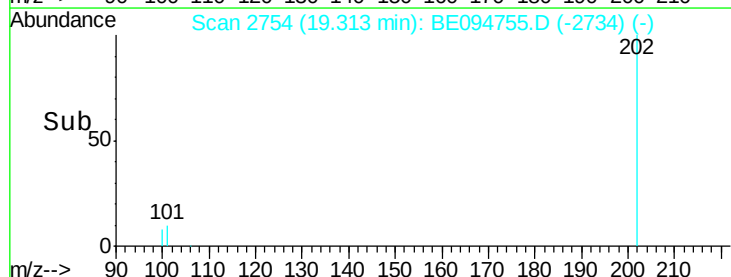
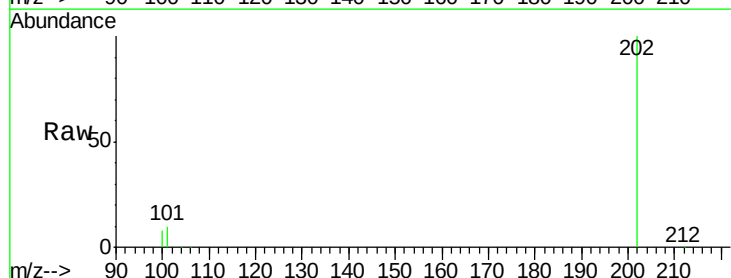
Manual Integrations
 APPROVED

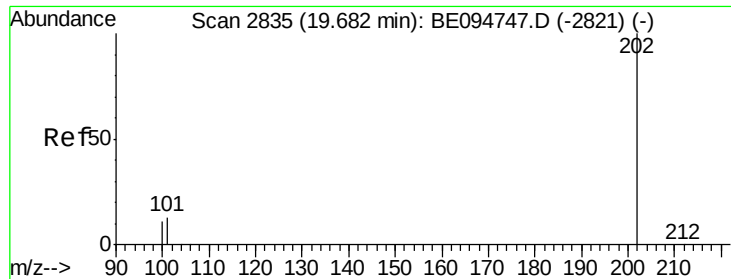
Sohil
 11/7/2017 5:41:39 PM



#15
 Fluoranthene
 Concen: 4.571 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BE094755.D
 Acq: 6 Nov 2017 16:16

Tgt Ion:202 Resp: 127598
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.3
 100 8.0 0.0 39.5





#17

Pyrene

Concen: 3.774 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

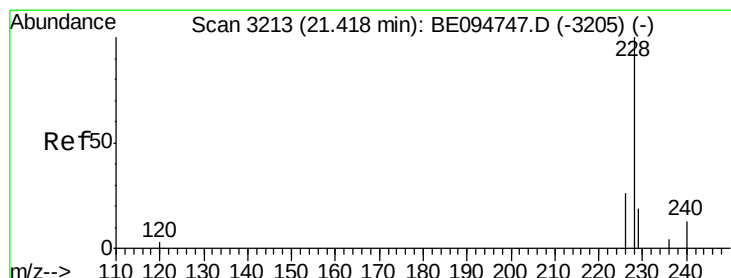
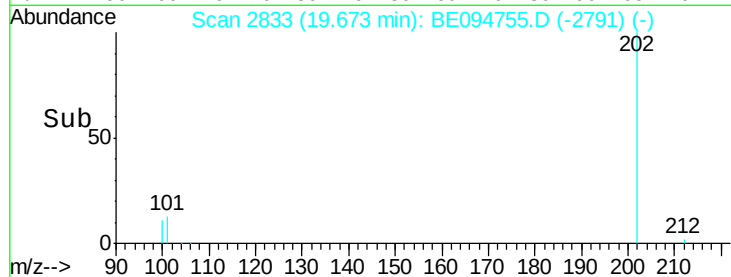
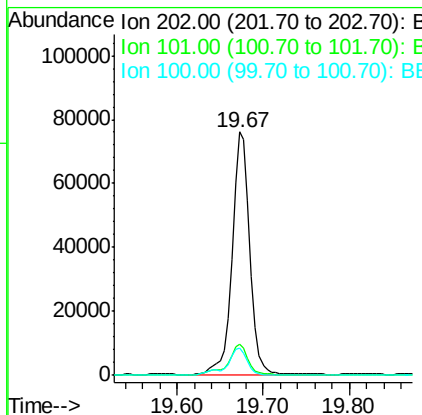
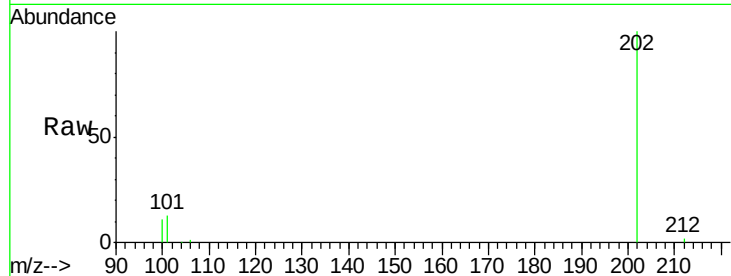
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion:	202	Resp:	108816
Ion Ratio		Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#18

Benzo(a)anthracene

Concen: 2.631 ng/ul

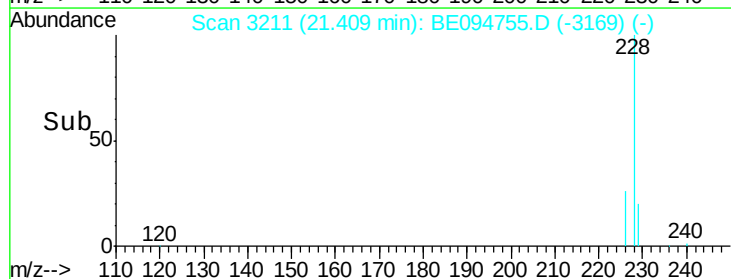
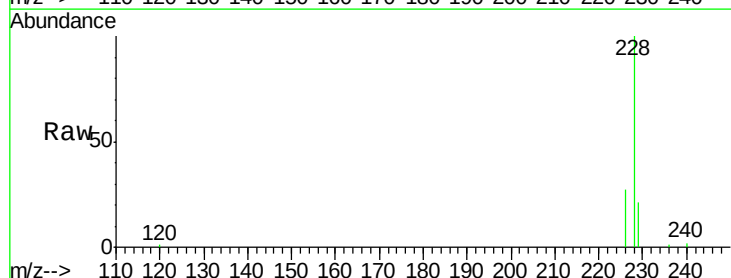
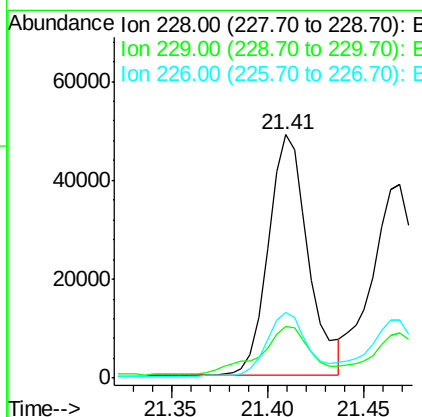
RT: 21.41 min Scan# 3211

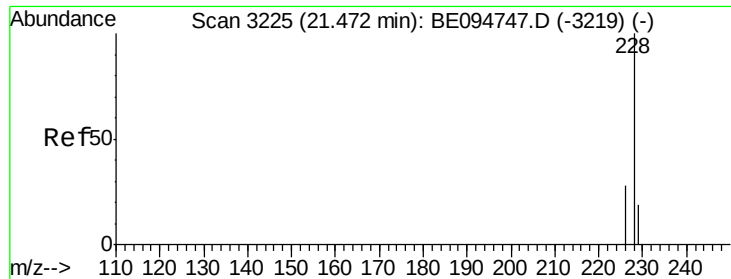
Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion:	228	Resp:	70162
Ion Ratio		Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	26.9	17.0	25.6#





#19

Chrysene

Concen: 2.227 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

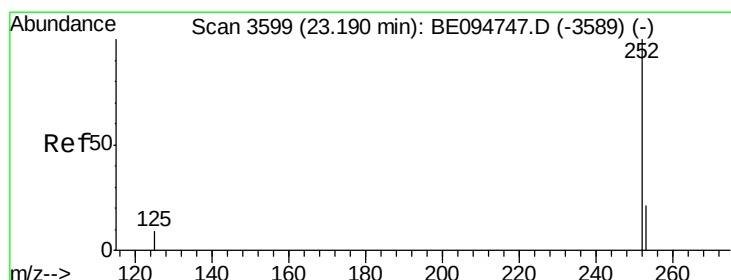
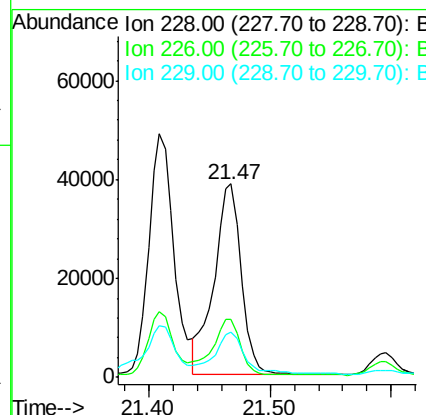
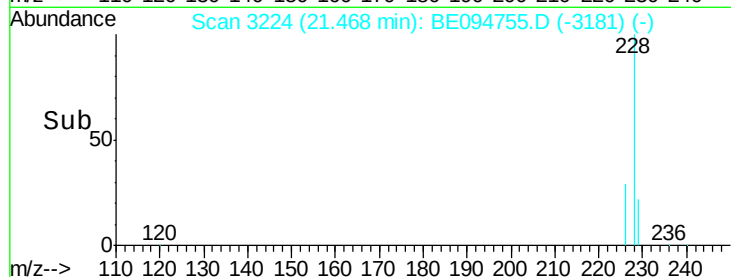
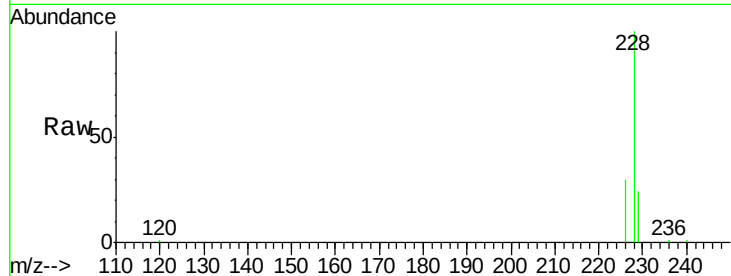
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion:	228	Resp:	61366
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	23.5	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#21

Benzo(b)fluoranthene

Concen: 2.894 ng/ul m

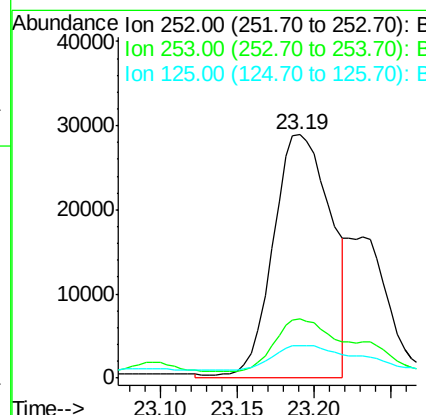
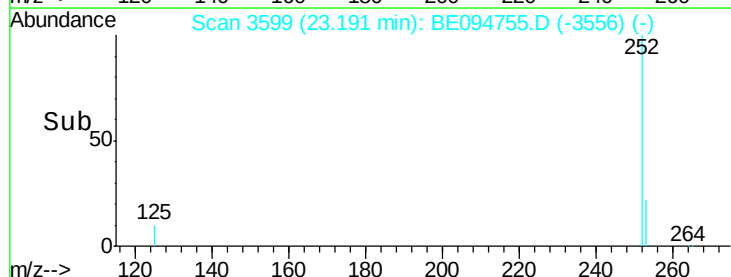
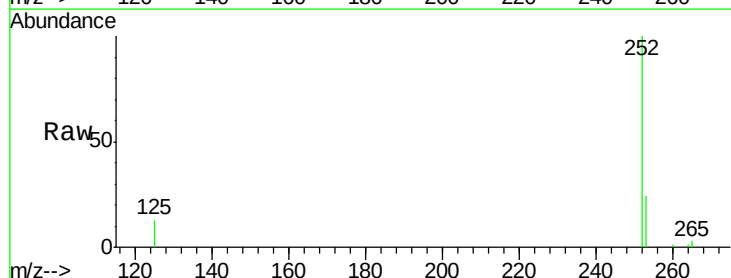
RT: 23.19 min Scan# 3599

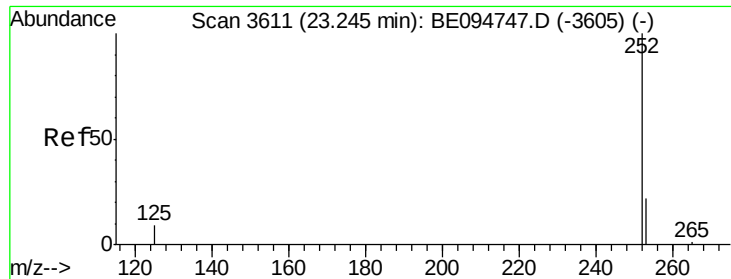
Delta R.T. -0.00 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion:	252	Resp:	75817
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	64.2
125	13.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.158 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE094755.D

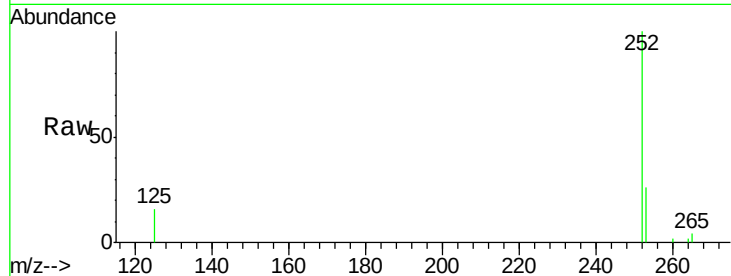
Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

ClientSampleId :

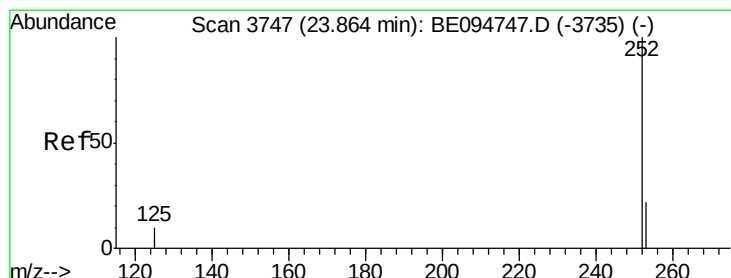
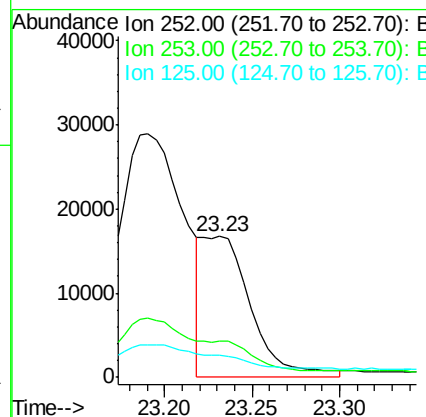
B-78(0.5-1.5)-102517



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	24.5	36.7
125	15.8	13.7	20.5

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM



#23

Benzo(a)pyrene

Concen: 2.047 ng/ul

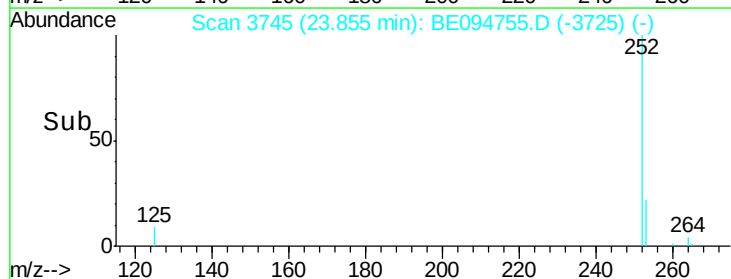
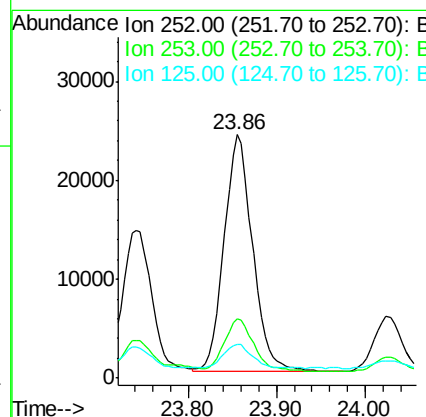
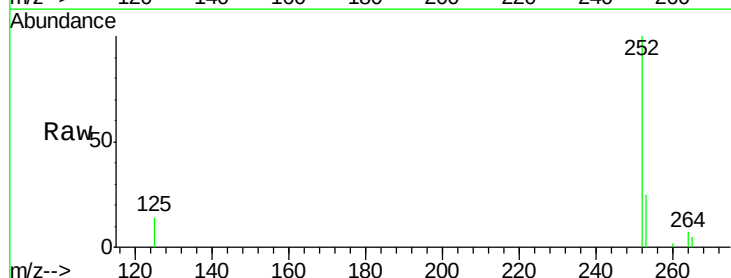
RT: 23.86 min Scan# 3745

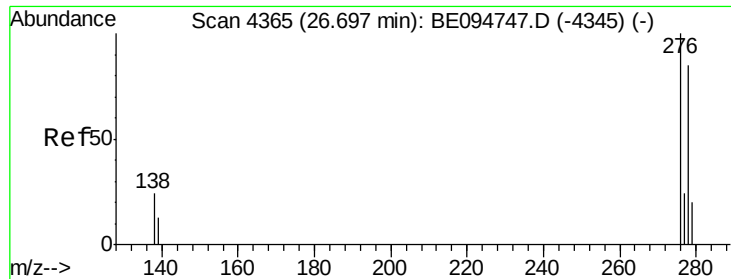
Delta R.T. -0.01 min

Lab File: BE094755.D

Acq: 6 Nov 2017 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	14.0	18.1	27.1#





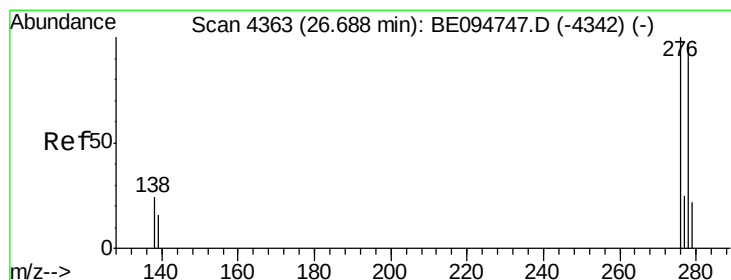
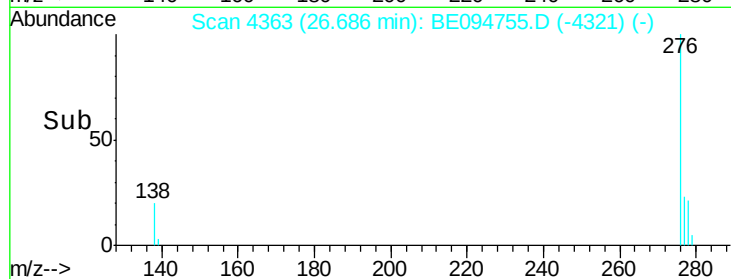
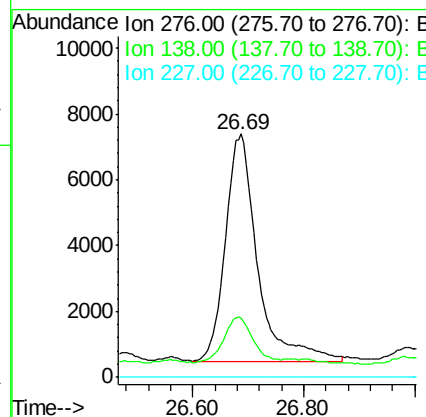
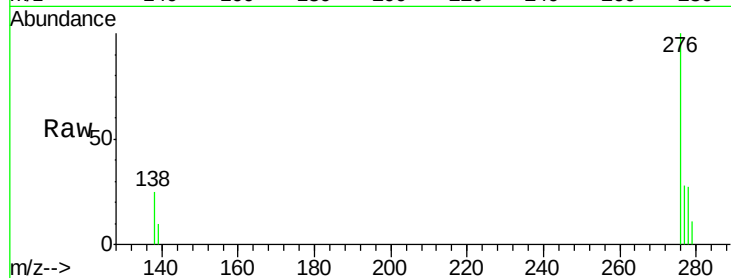
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.011 ng/ul
 RT: 26.69 min Scan# 4363
 Delta R.T. -0.01 min
 Lab File: BE094755.D
 Acq: 6 Nov 2017 16:16

Instrument :
 BNA_E
 ClientSampleId :
 B-78(0.5-1.5)-102517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

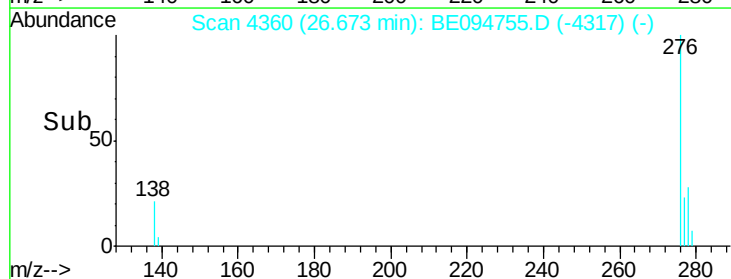
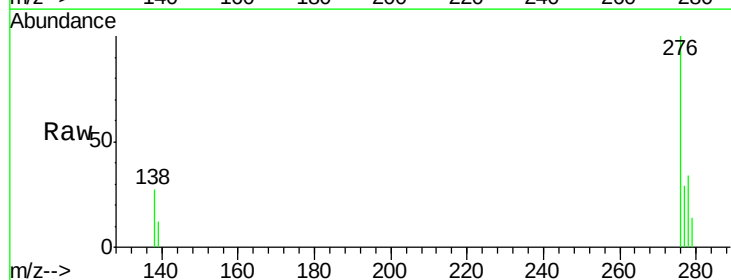
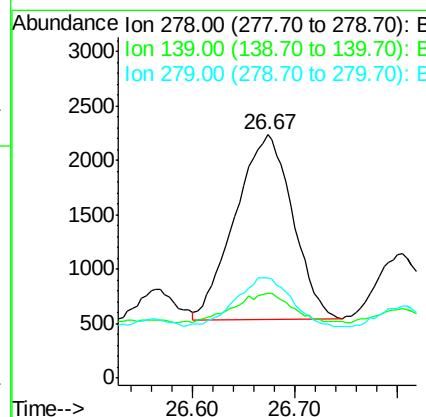
Manual Integrations
 APPROVED

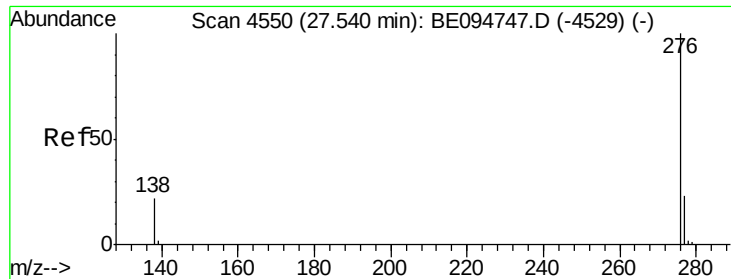
Sohil
 11/7/2017 5:41:39 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.289 ng/ul
 RT: 26.67 min Scan# 4360
 Delta R.T. -0.01 min
 Lab File: BE094755.D
 Acq: 6 Nov 2017 16:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.8	17.4	26.0#
279	40.9	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.927 ng/ul

RT: 27.53 min Scan# 4548

Delta R.T. -0.01 min

Lab File: BE094755.D

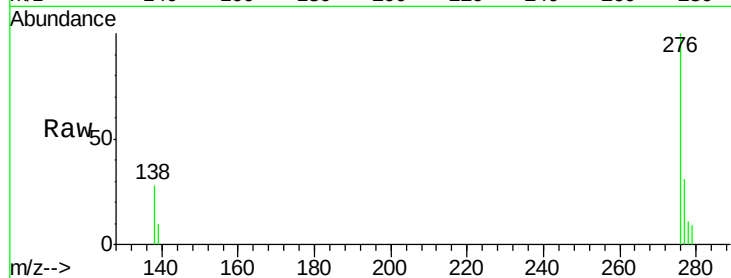
Acq: 6 Nov 2017 16:16

Instrument :

BNA_E

ClientSampleId :

B-78(0.5-1.5)-102517



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.8
277	31.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:39 PM

