Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094367.D
Acq On : 14 Oct 2017 22:27
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:22 PM

Quant Time: Oct 15 02:42:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1521	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8033	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5157	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11694	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	11934	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	10696m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2289	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	6359	0.16	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	4842	0.246	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	3210	0.251	ng/ul	97
7) Acenaphthylene	14.24	152	4113	0.205	ng/ul	97
8) Acenaphthene	14.58	153	3185	0.192	ng/ul	98
9) Fluorene	15.57	166	3525	0.182	ng/ul	92
12) Phenanthrene	17.29	178	105330	3.447	ng/ul#	88
13) Anthracene	17.38	178	16121	0.542	ng/ul#	90
15) Fluoranthene	19.31	202	222047	5.530	ng/ul	84
17) Pyrene	19.67	202	194985	5.872	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	93559	2.955	ng/ul#	86
19) Chrysene	21.46	228	111890	3.060	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	137856m	4.745	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	47375m	1.411	ng/ul	
23) Benzo(a)pyrene	23.83	252	84374m	2.795	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.62	276	62714m	2.030	ng/ul	
25) Dibenzo(a,h)anthracene	26.62	278	16780m	0.648	ng/ul	
26) Benzo(g,h,i)perylene	27.46	276	52540m	1.972	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
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Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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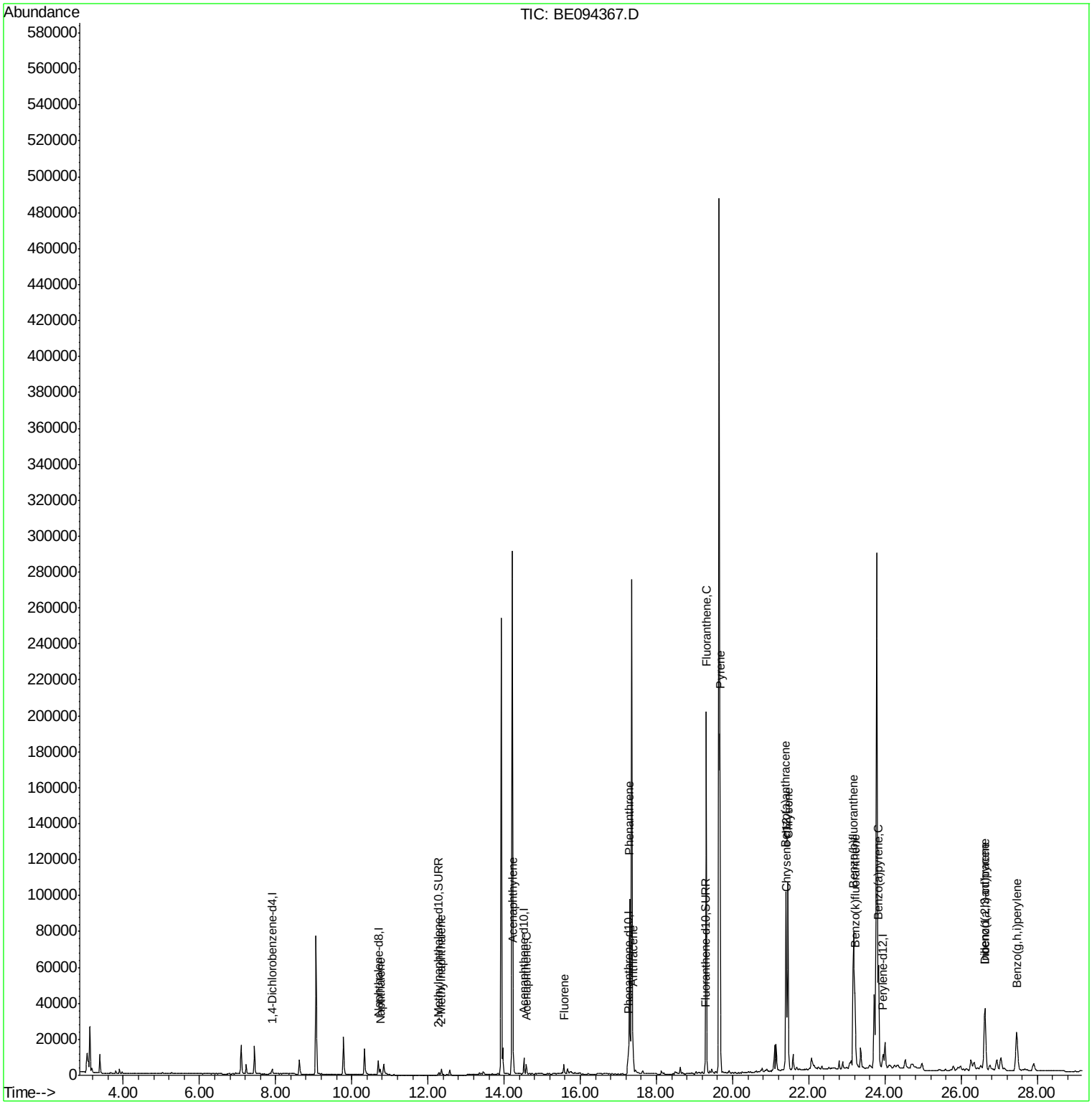
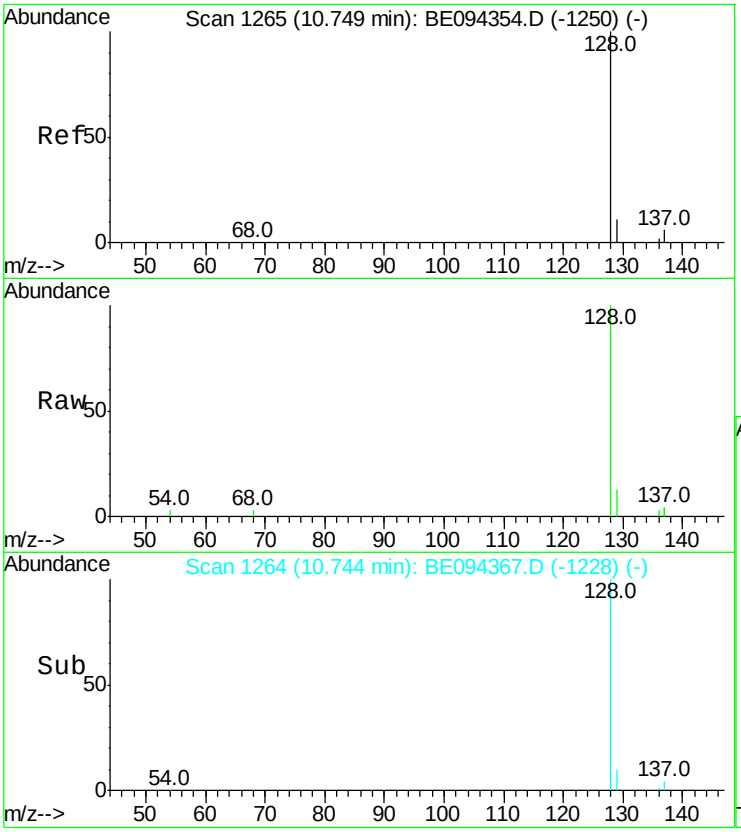
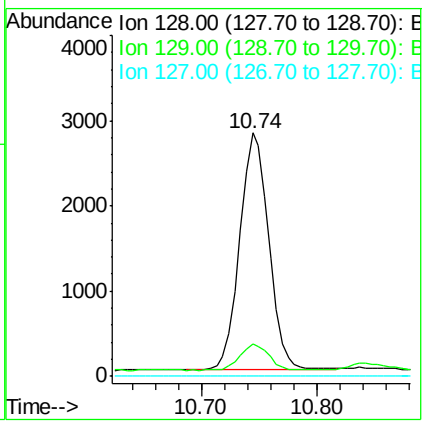




#3
Naphthalene
Concen: 0.246 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:128 Resp: 4842

Ion	Ratio	Lower	Upper
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC8

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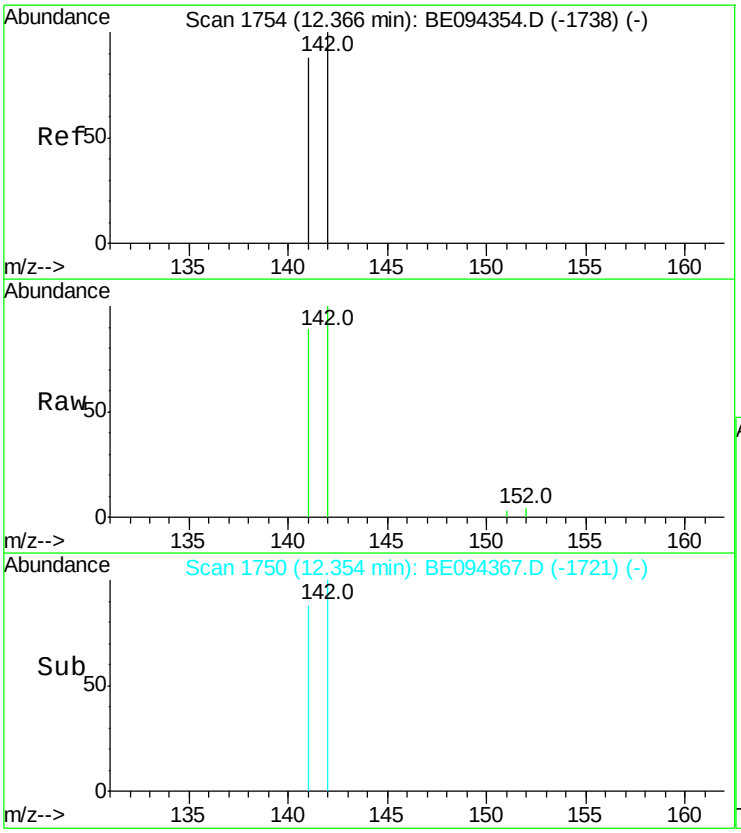
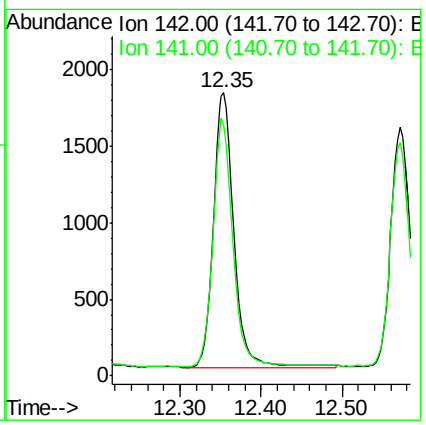
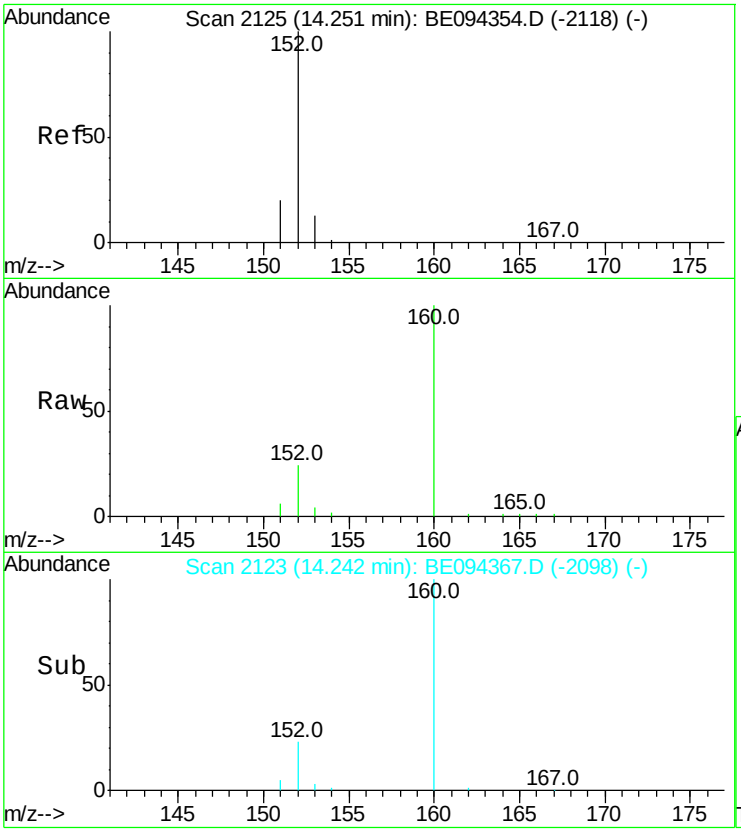


#5
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:142 Resp: 3210

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8

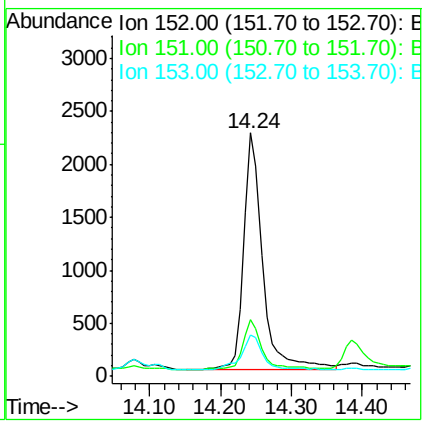




#7
Acenaphthylene
Concen: 0.205 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:152 Resp: 4113

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.1	25.7
153	17.1	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC8

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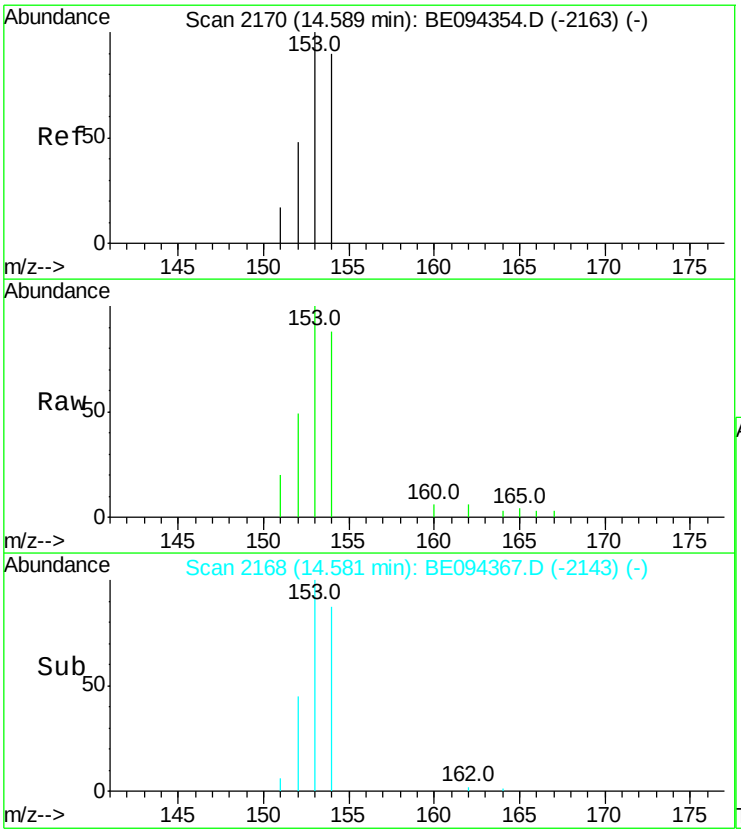
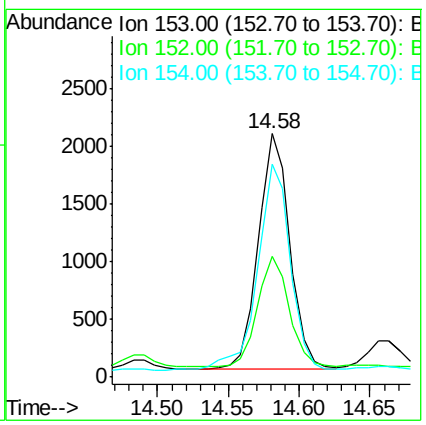
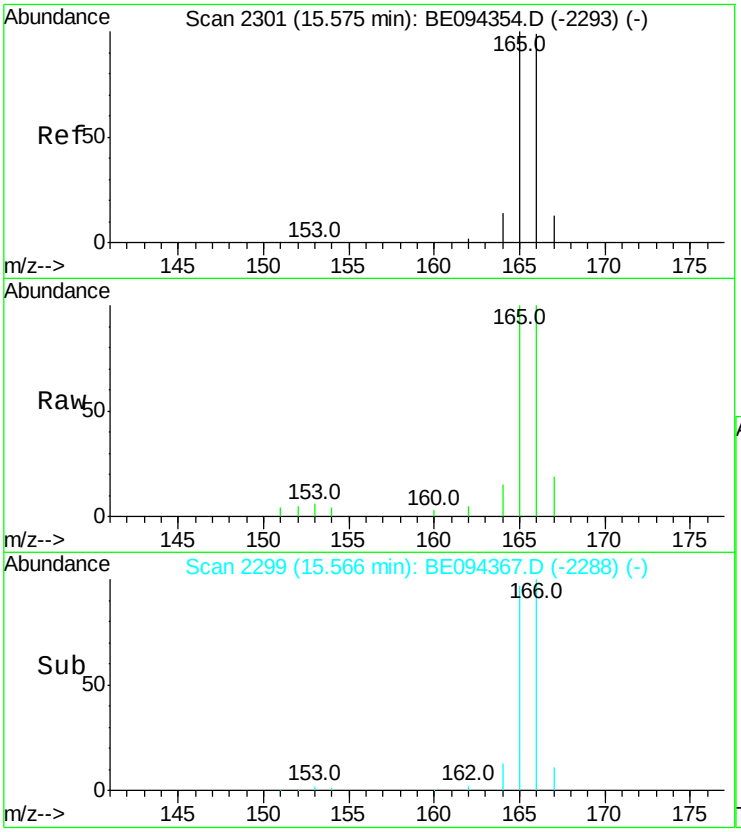


#8
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:153 Resp: 3185

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.3	60.5
154	87.5	71.4	107.2

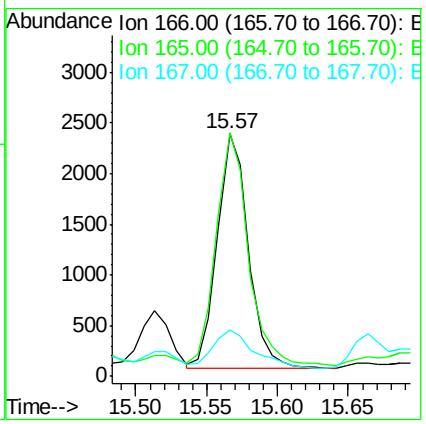




#9
Fluorene
Concen: 0.182 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:166 Resp: 3525

Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	19.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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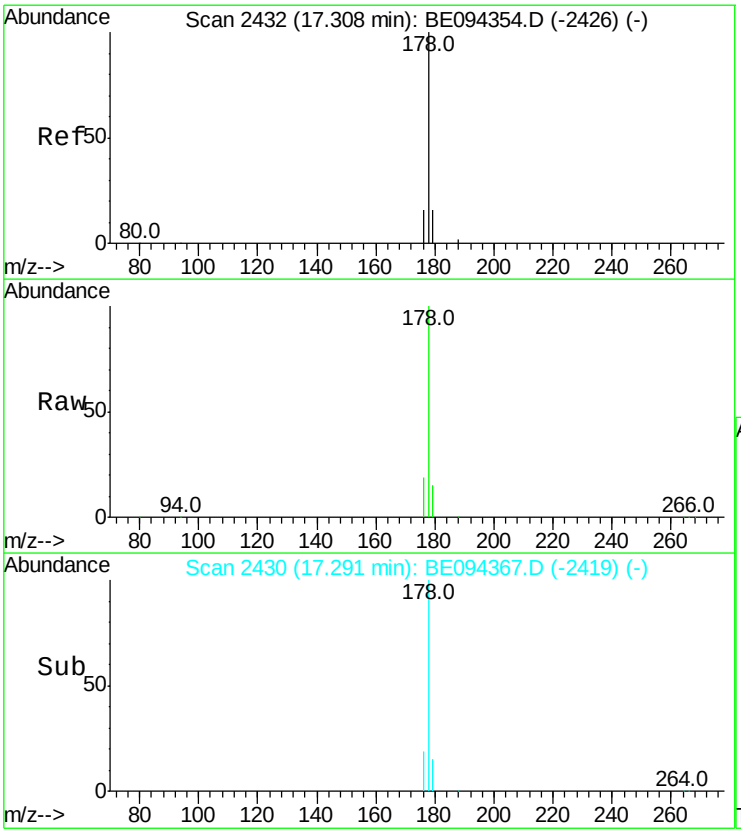
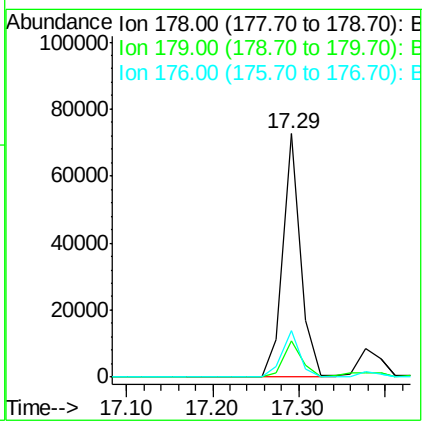
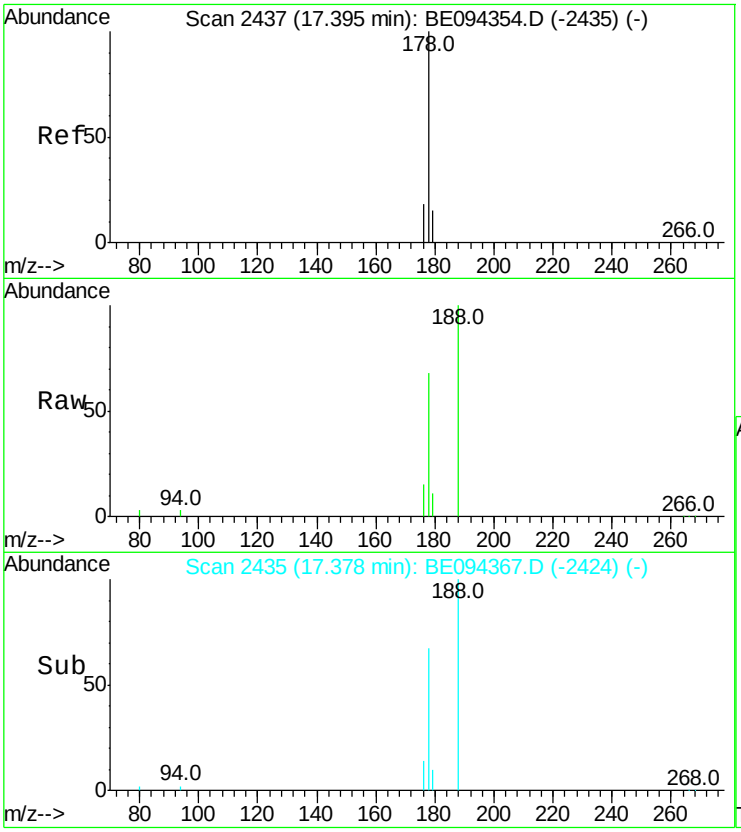


#12
Phenanthrene
Concen: 3.447 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:178 Resp: 105330

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.3	13.6	20.4





#13
Anthracene
Concen: 0.542 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:178 Resp: 16121

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	21.5	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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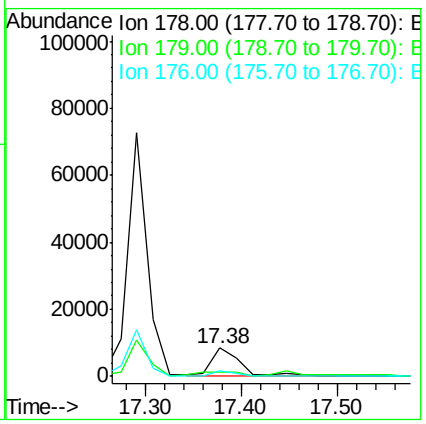
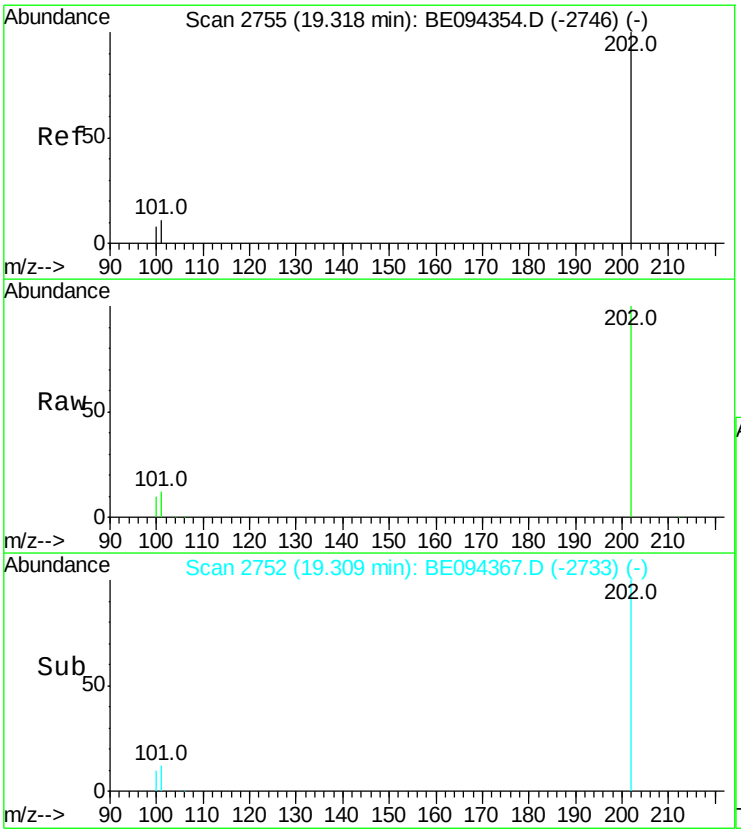
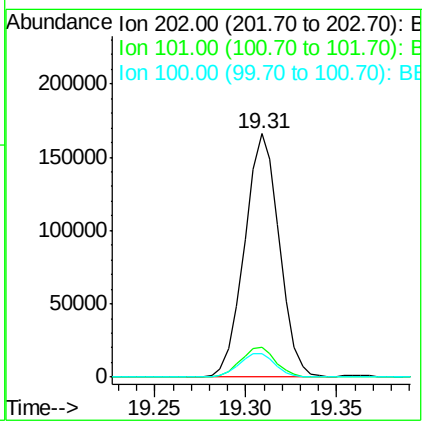


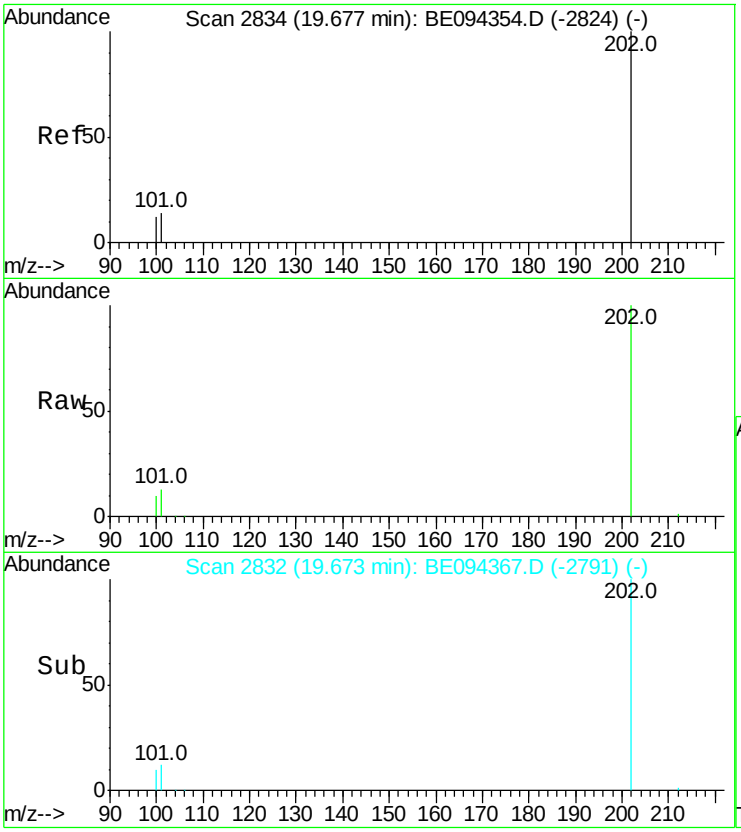


#15
Fluoranthene
Concen: 5.530 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:202 Resp: 222047

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.6	0.0	39.5





#17
Pyrene
Concen: 5.872 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:202 Resp: 194985

Ion	Ratio	Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	10.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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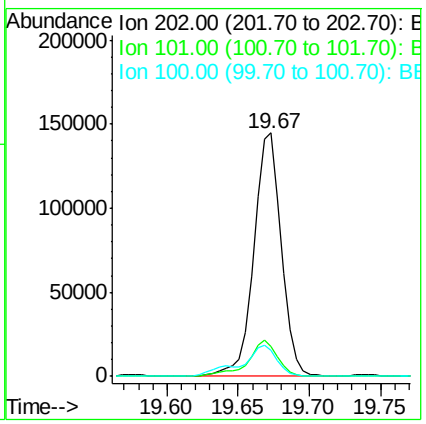
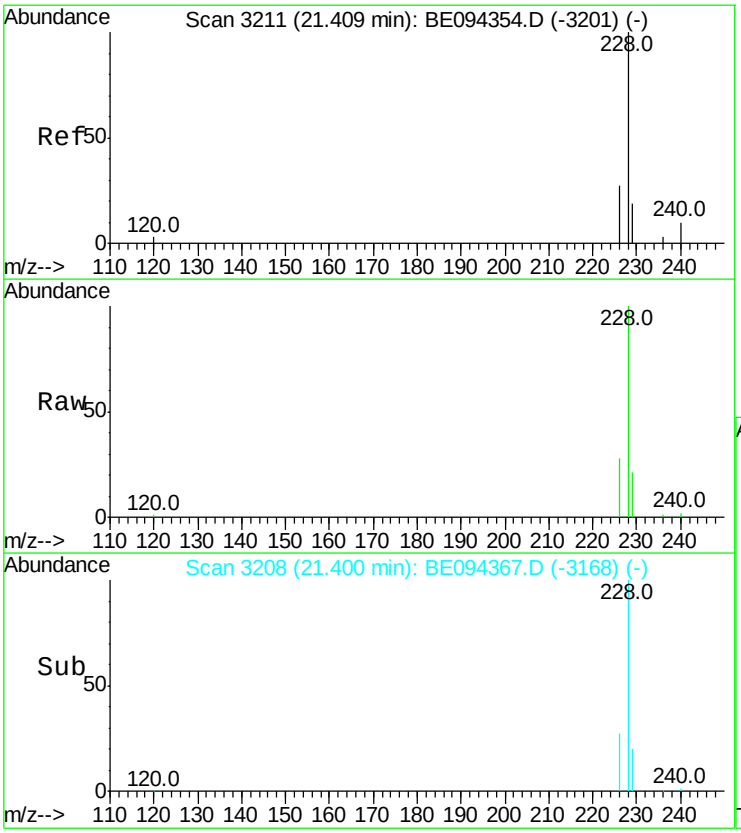
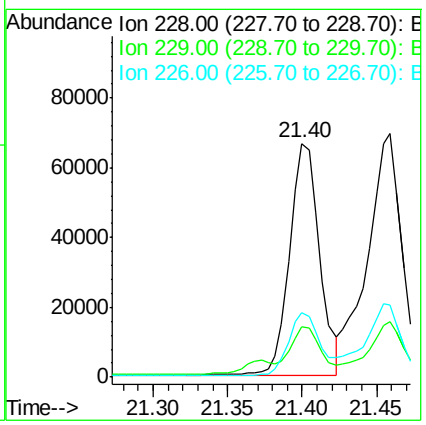


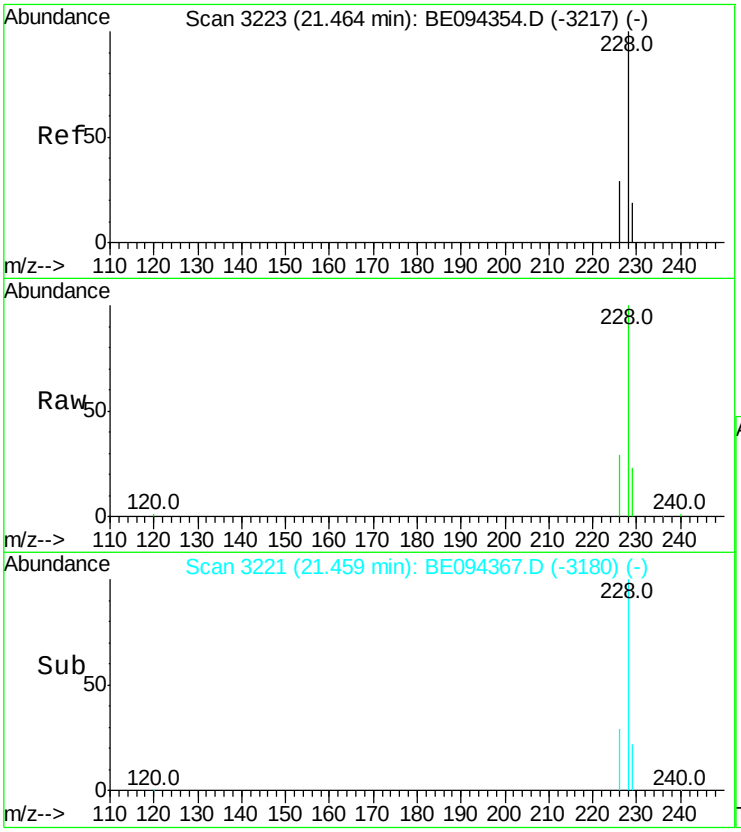


#18
Benzo(a)anthracene
Concen: 2.955 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:228 Resp: 93559

Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	27.7	17.0	25.6#





#19
Chrysene
Concen: 3.060 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:228 Resp: 111890

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	22.6	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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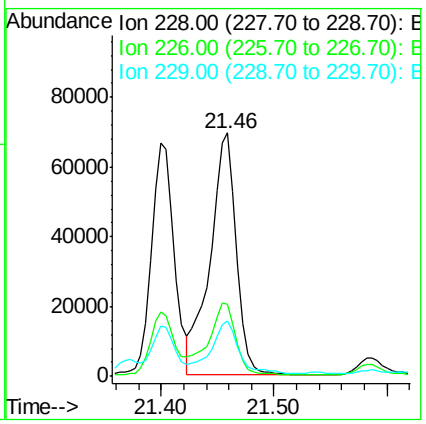
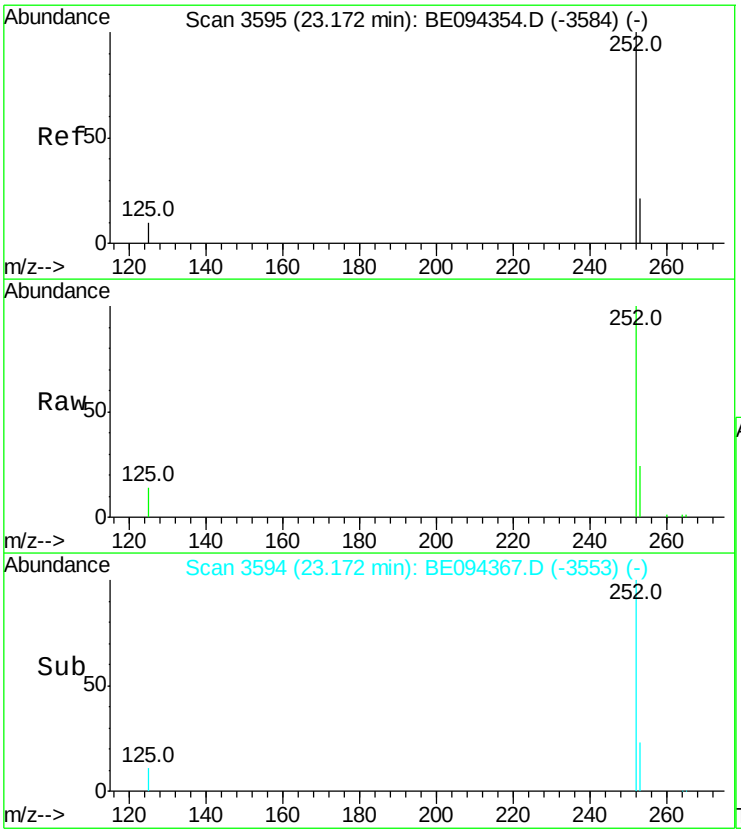
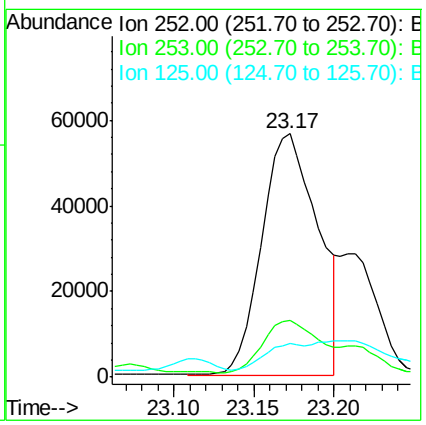


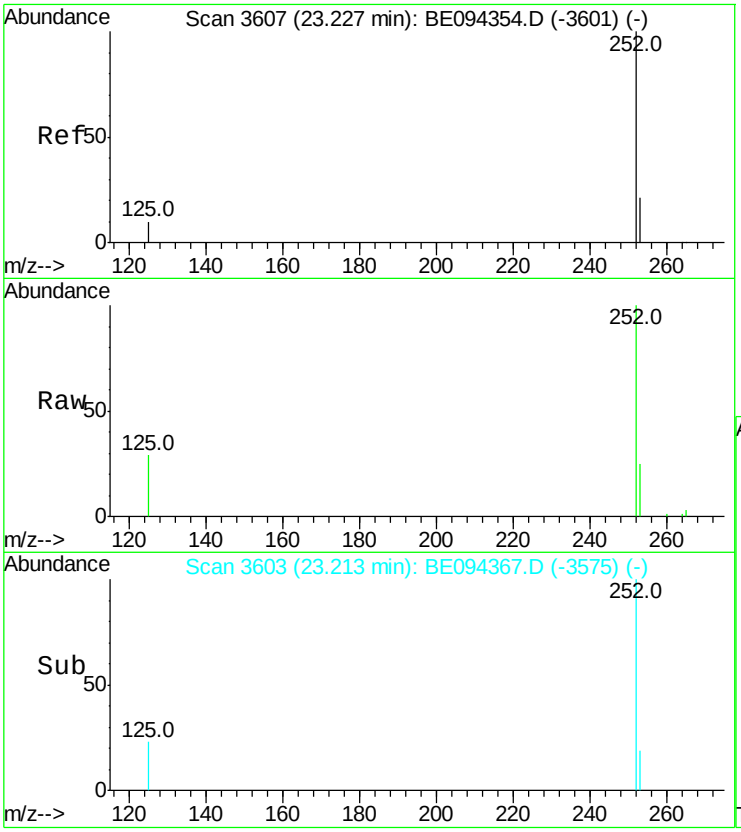


#21
Benzo(b)fluoranthene
Concen: 4.745 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:252 Resp: 137856

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	13.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.411 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:252 Resp: 47375

Ion	Ratio	Lower	Upper
252	100		
253	25.2	24.5	36.7
125	29.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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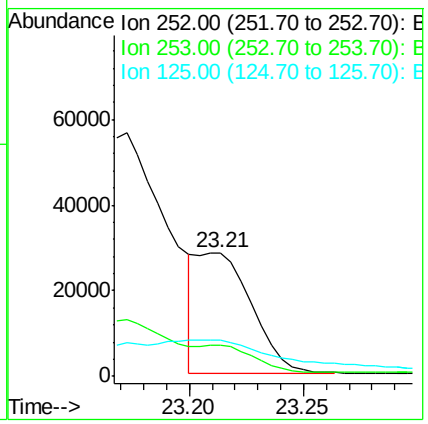
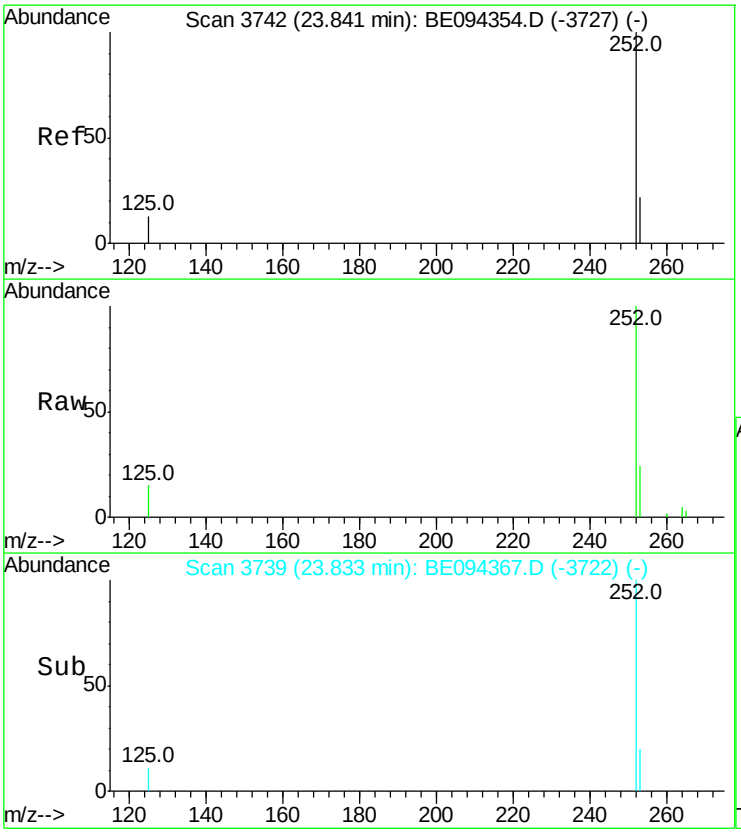
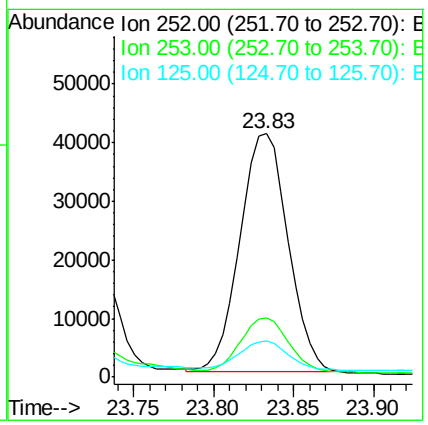


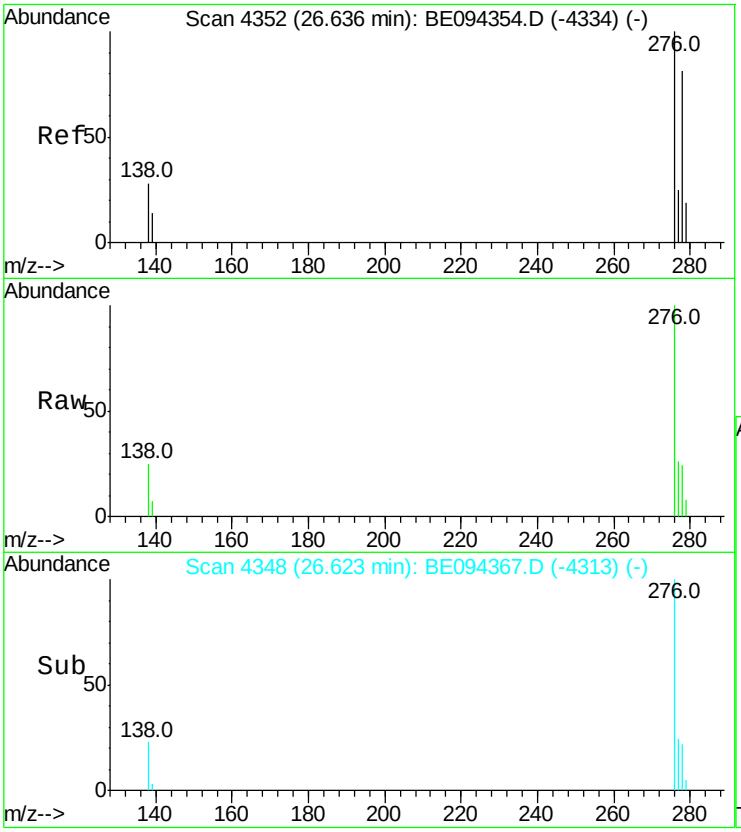


#23
Benzo(a)pyrene
Concen: 2.795 ng/ul m
RT: 23.83 min Scan# 3739
Delta R.T. -0.02 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:252 Resp: 84374

Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	14.7	18.1	27.1#





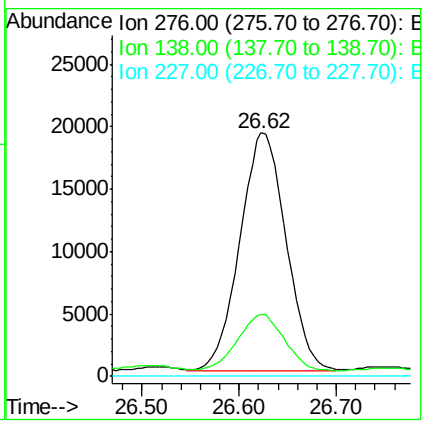
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng/ul m
RT: 26.62 min Scan# 4348
Delta R.T. -0.04 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

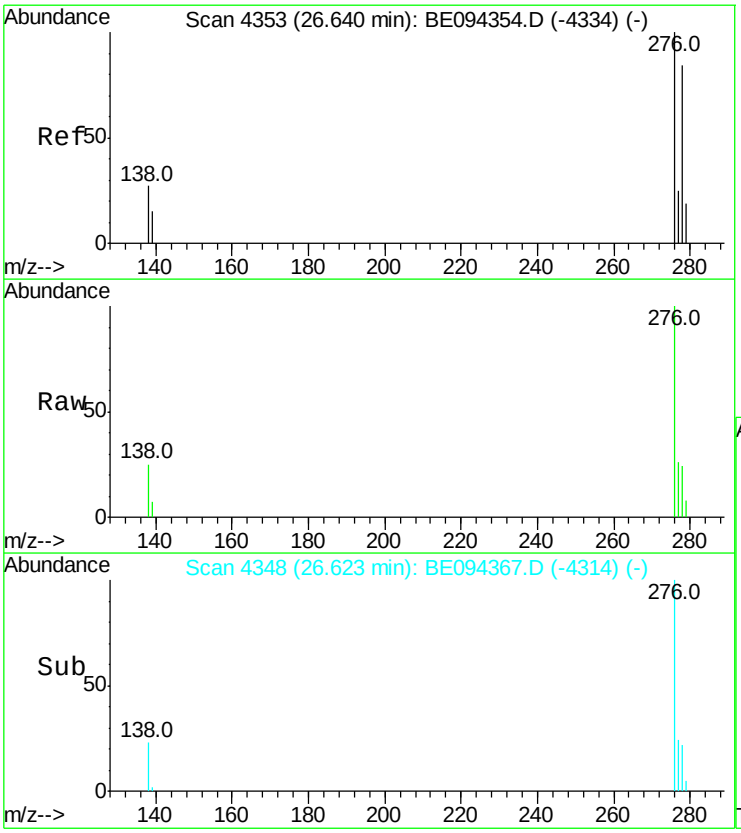
Tgt Ion:276 Resp: 62714

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

Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:22 PM

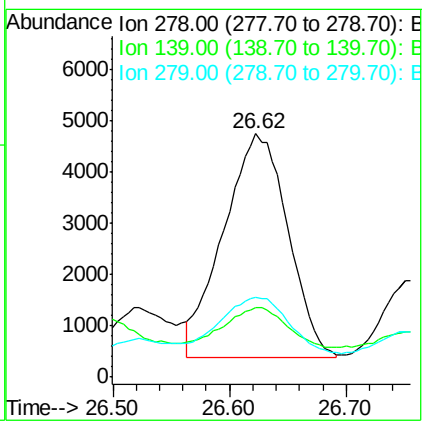


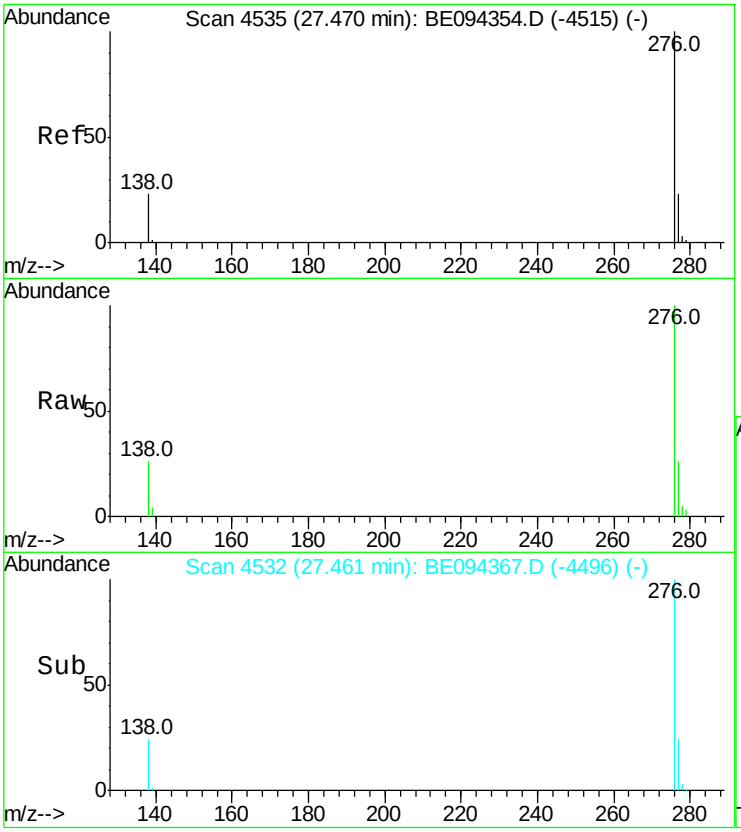


#25
Dibenzo(a,h)anthracene
Concen: 0.648 ng/ul m
RT: 26.62 min Scan# 4348
Delta R.T. -0.05 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:278 Resp: 16780

Ion	Ratio	Lower	Upper
278	100		
139	28.6	17.4	26.0#
279	32.8	25.9	38.9

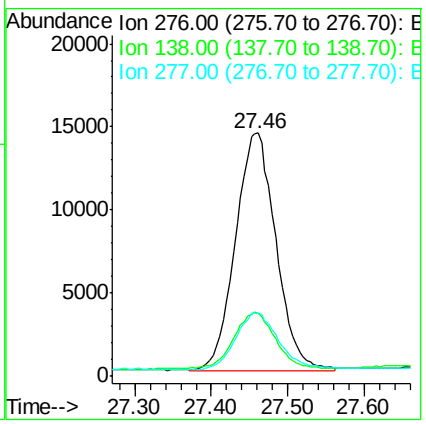




#26
Benzo(g,h,i)perylene
Concen: 1.972 ng/ul m
RT: 27.46 min Scan# 4532
Delta R.T. -0.04 min
Lab File: BE094367.D
Acq: 14 Oct 2017 22:27

Tgt Ion:276 Resp: 52540

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.8
277	25.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:22 PM