Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094630.D
Acq On : 28 Oct 2017 19:34
Operator : SJ/JU
Sample : I5842-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:15 PM

Quant Time: Oct 30 04:24:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1773	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10276	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12261	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12861	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10635m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3294	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	8600	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.34	142	378	0.022	ng/ul	99
12) Phenanthrene	17.29	178	3130m	0.097	ng/ul	
13) Anthracene	17.29	178	3348	0.105	ng/ul	93
15) Fluoranthene	19.31	202	6906	0.184	ng/ul	83
17) Pyrene	19.67	202	7296	0.184	ng/ul#	88
18) Benzo(a)anthracene	21.41	228	2997	0.082	ng/ul#	77
19) Chrysene	21.46	228	4264	0.112	ng/ul#	80
21) Benzo(b)fluoranthene	23.19	252	5711m	0.191	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	1721m	0.054	ng/ul	
23) Benzo(a)pyrene	23.85	252	2912m	0.097	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2485m	0.080	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	1851m	0.074	ng/ul	

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

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Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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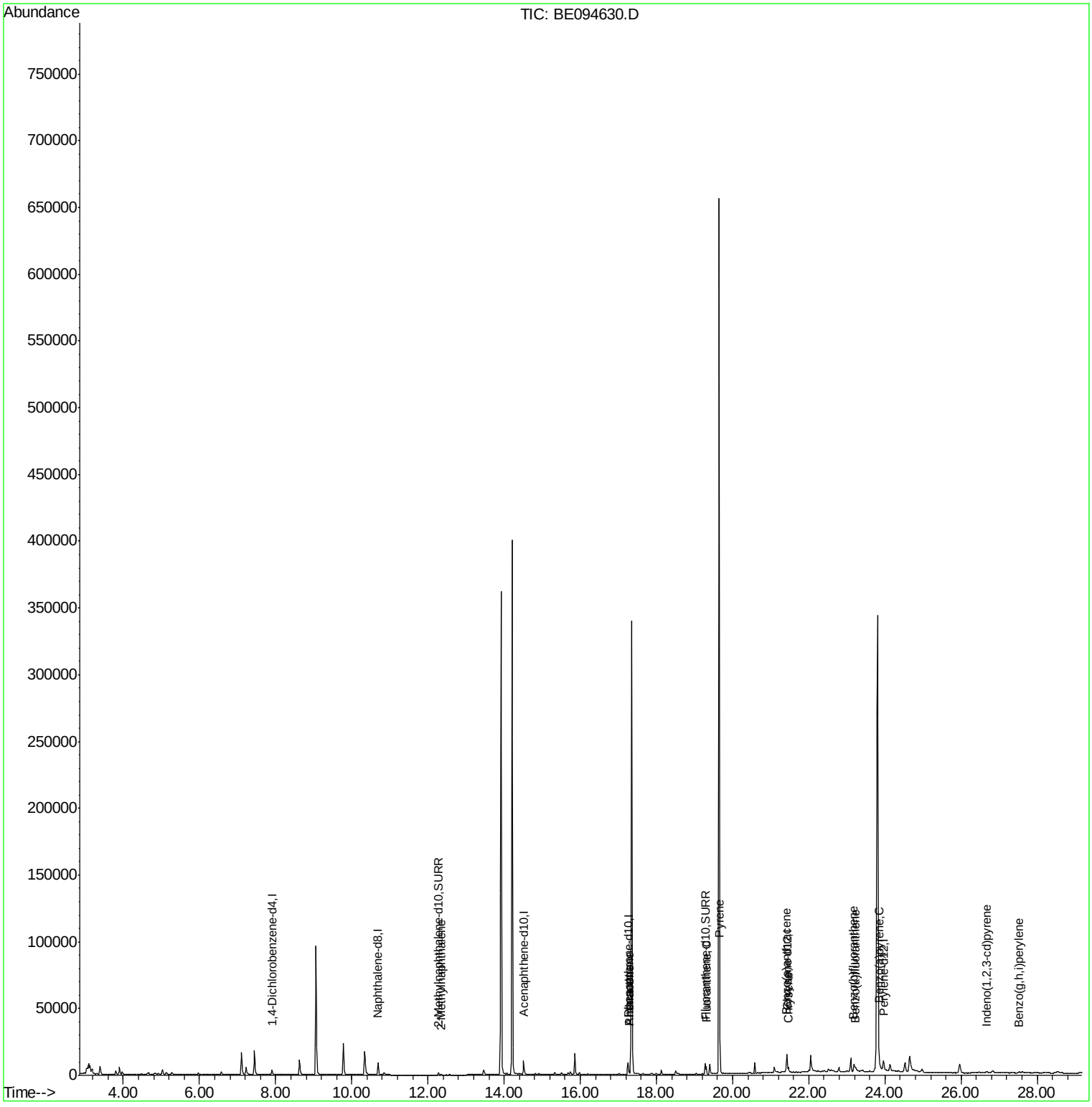

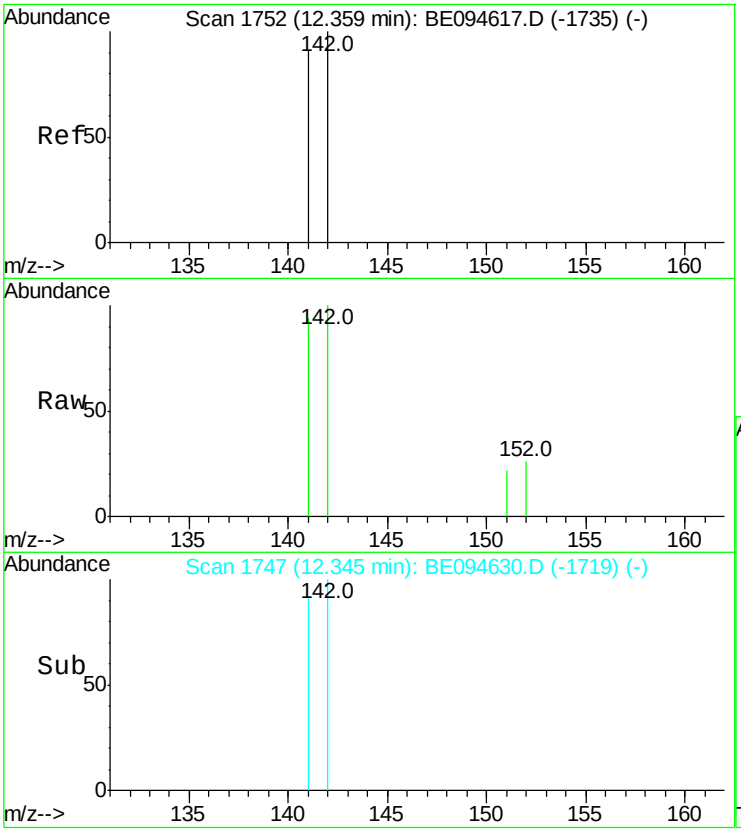

#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.34 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:142 Resp: 378

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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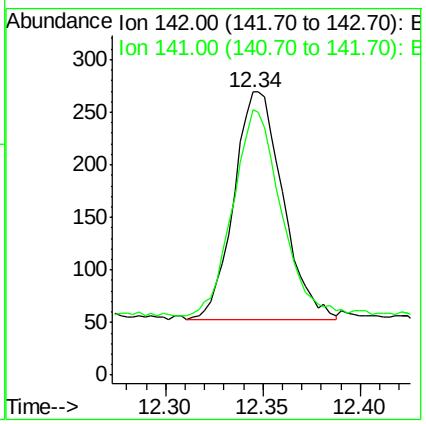
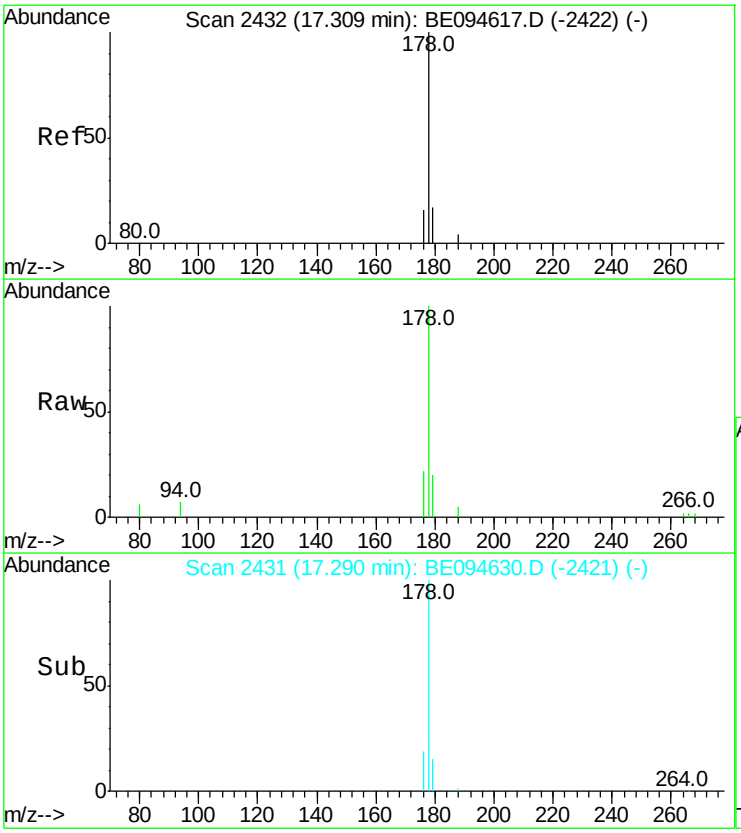
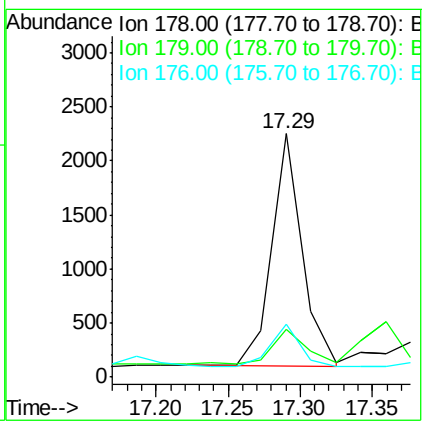


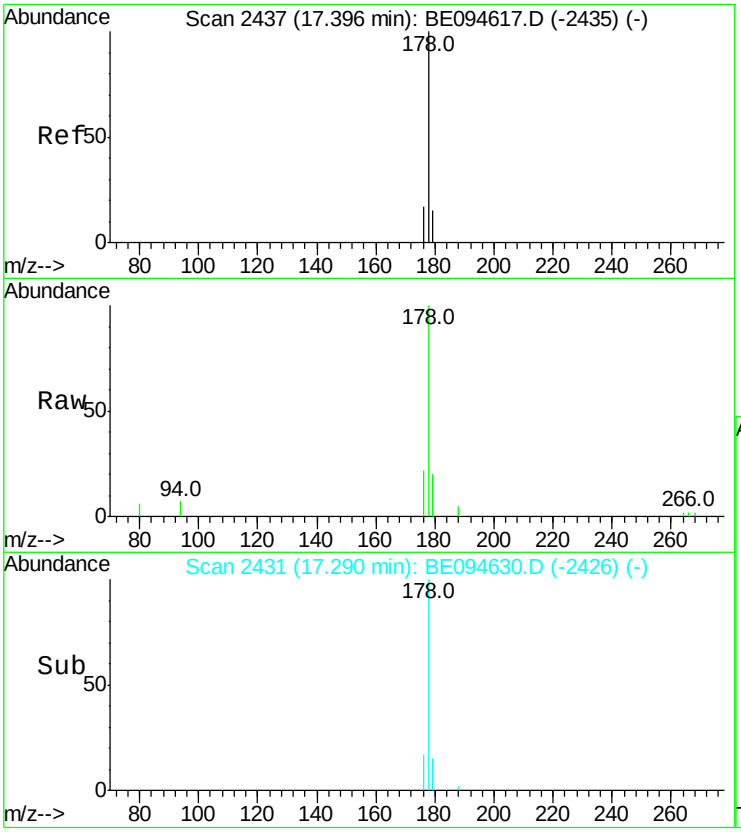


#12
Phenanthrene
Concen: 0.097 ng/ul m
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:178 Resp: 3130

Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.4	27.6
176	21.9	13.6	20.4#

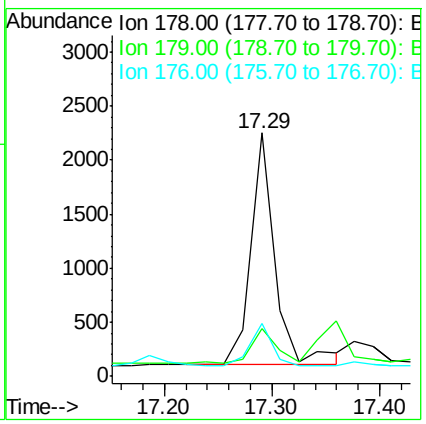




#13
Anthracene
Concen: 0.105 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.11 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:178 Resp: 3348

Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.1	27.1
176	21.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AA6

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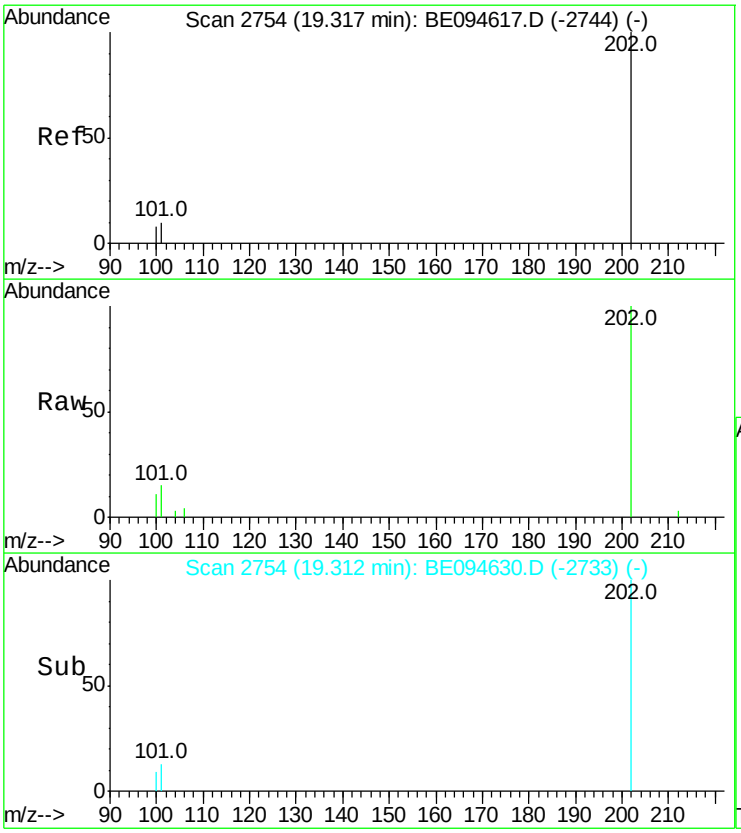
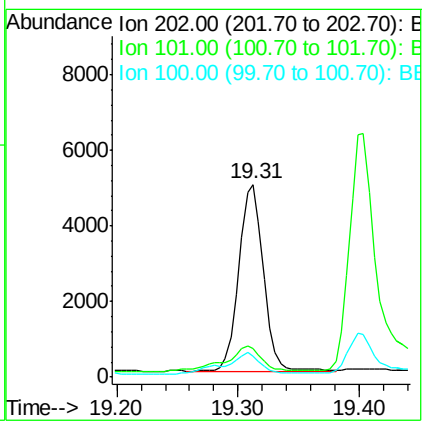
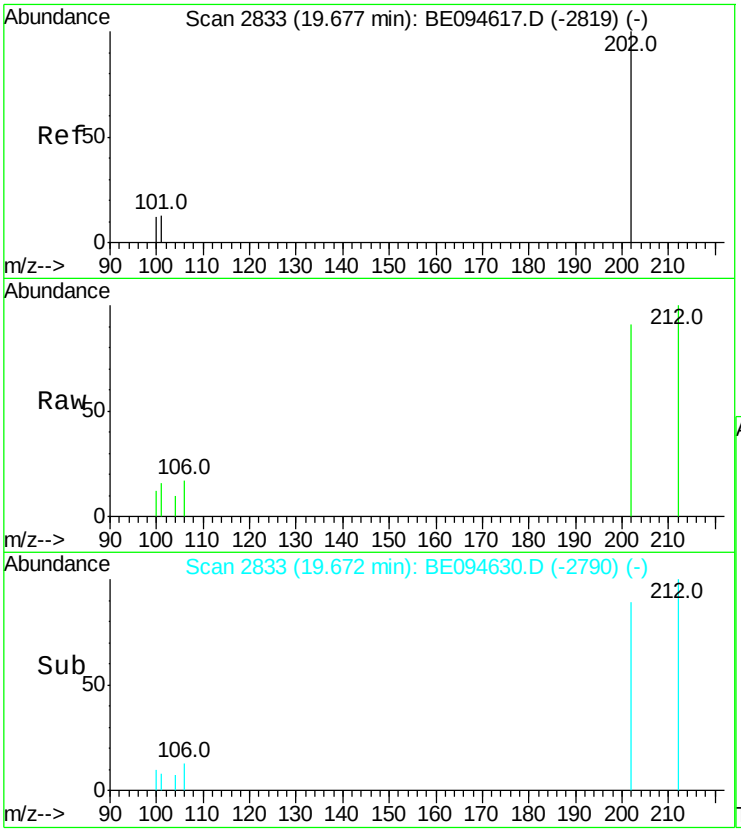


#15
Fluoranthene
Concen: 0.184 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:202 Resp: 6906

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	30.3
100	10.8	0.0	39.5





#17
Pyrene
Concen: 0.184 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:202 Resp: 7296

Ion	Ratio	Lower	Upper
202	100		
101	17.5	18.2	27.4#
100	13.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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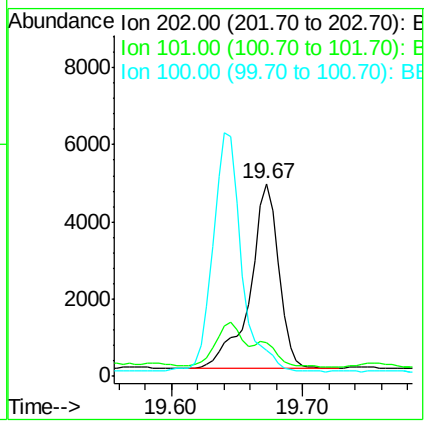
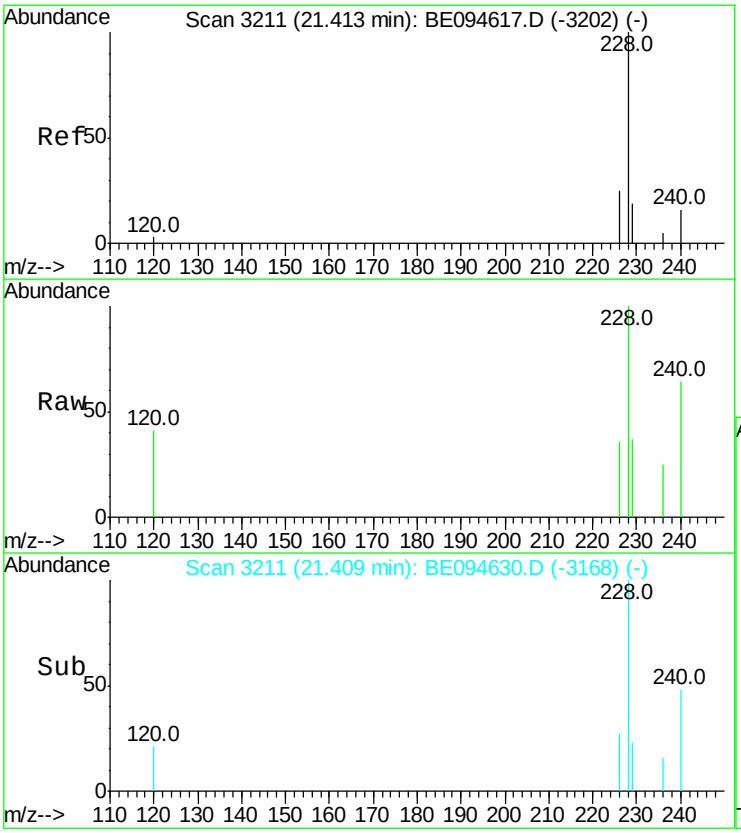
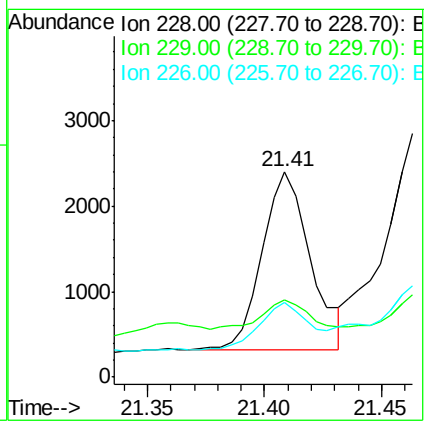


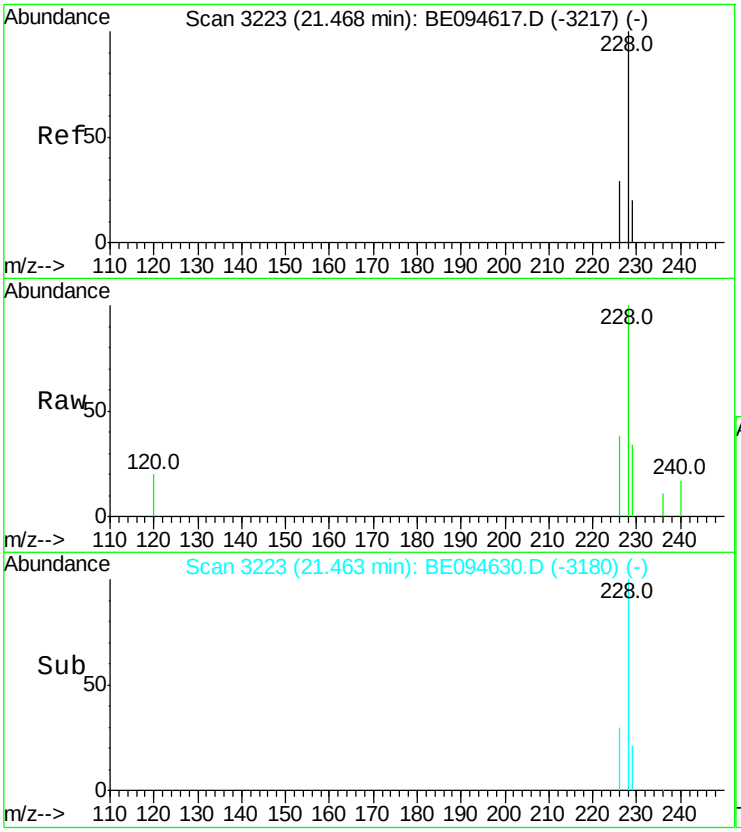


#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:228 Resp: 2997

Ion	Ratio	Lower	Upper
228	100		
229	37.3	22.8	34.2#
226	36.0	17.0	25.6#





#19
Chrysene
Concen: 0.112 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:228 Resp: 4264

Ion	Ratio	Lower	Upper
228	100		
226	37.7	23.4	35.0#
229	34.0	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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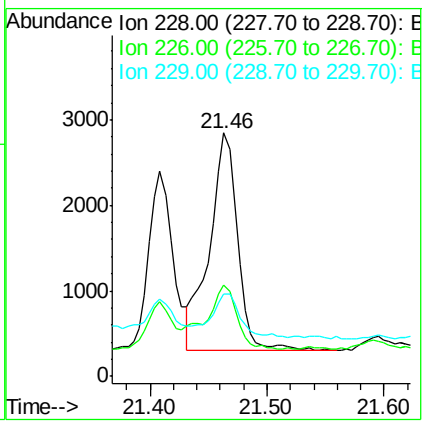
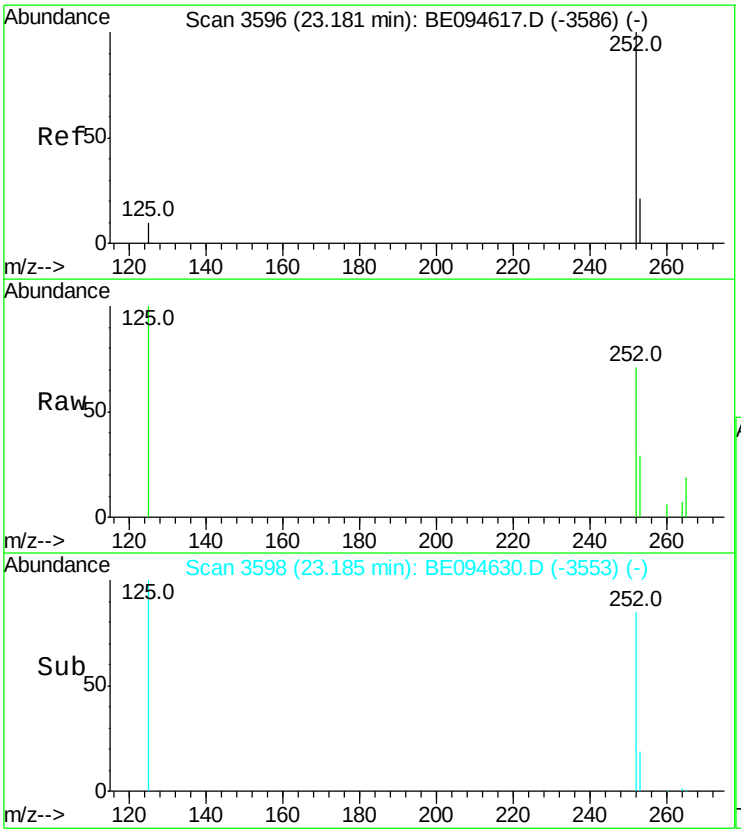
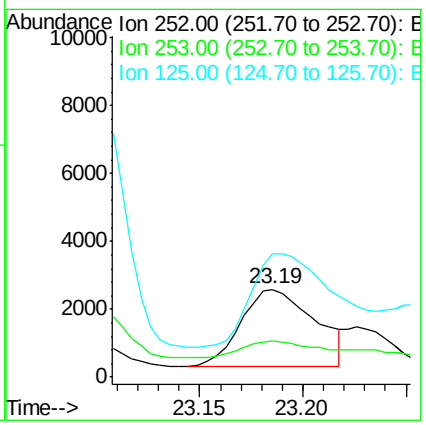


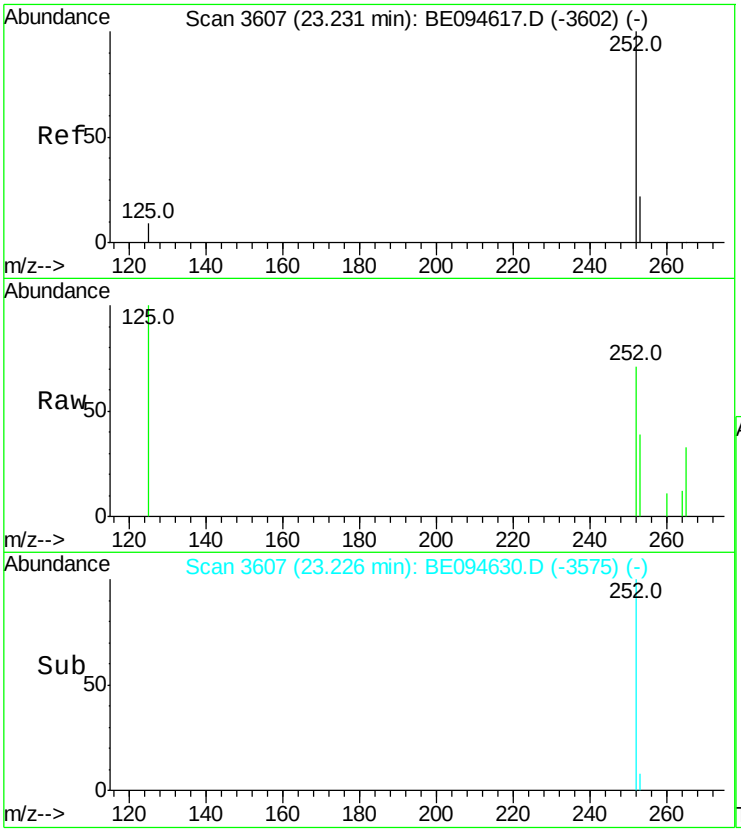


#21
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:252 Resp: 5711

Ion	Ratio	Lower	Upper
252	100		
253	41.4	0.0	64.2
125	141.0	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:252 Resp: 1721

Ion	Ratio	Lower	Upper
252	100		
253	55.0	24.5	36.7#
125	140.4	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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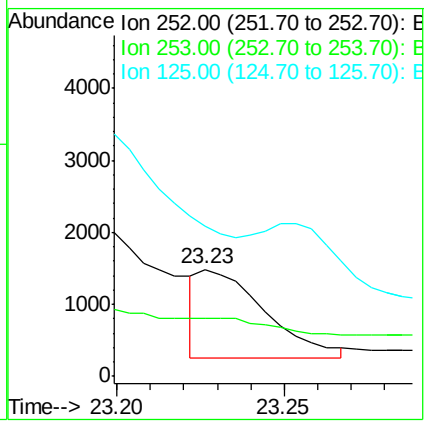
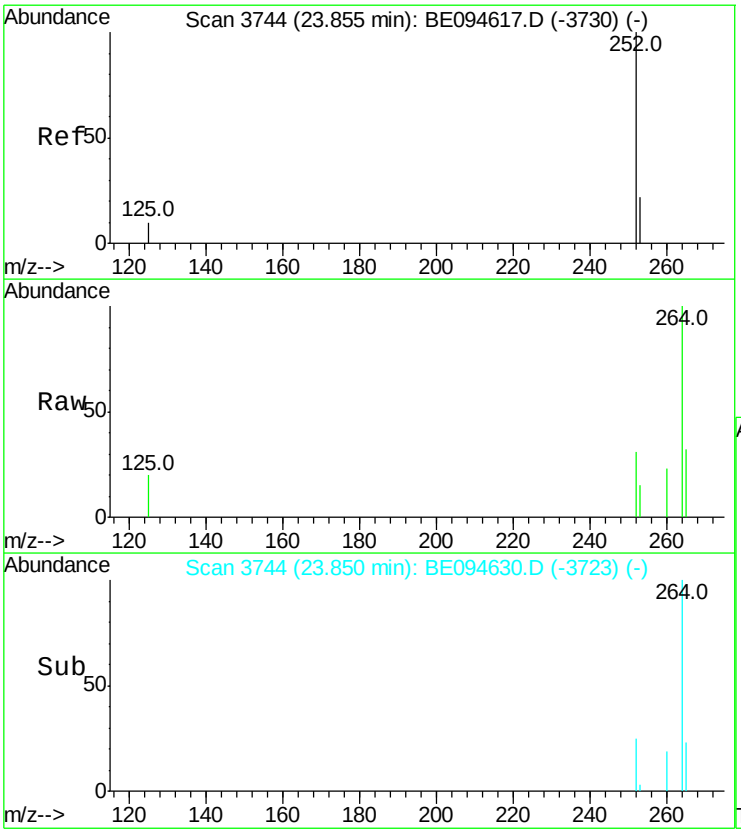
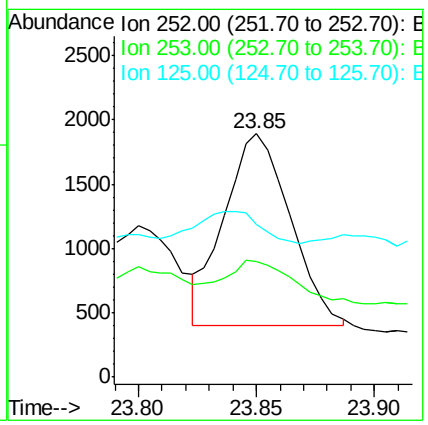


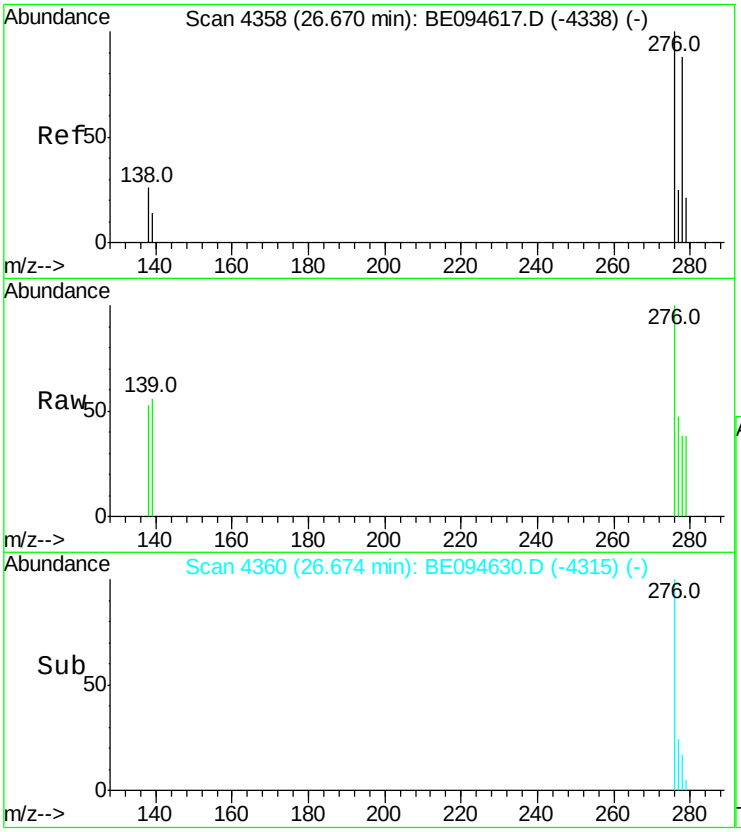


#23
Benzo(a)pyrene
Concen: 0.097 ng/ul m
RT: 23.85 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:252 Resp: 2912

Ion	Ratio	Lower	Upper
252	100		
253	47.6	28.5	42.7#
125	62.7	18.1	27.1#

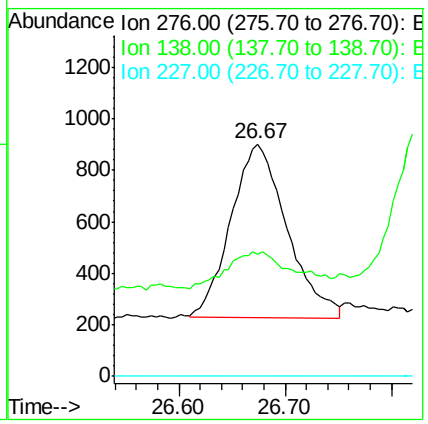




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul m
RT: 26.67 min Scan# 4360
Delta R.T. 0.00 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:276 Resp: 2485

Ion	Ratio	Lower	Upper
276	100		
138	35.5	28.0	42.0
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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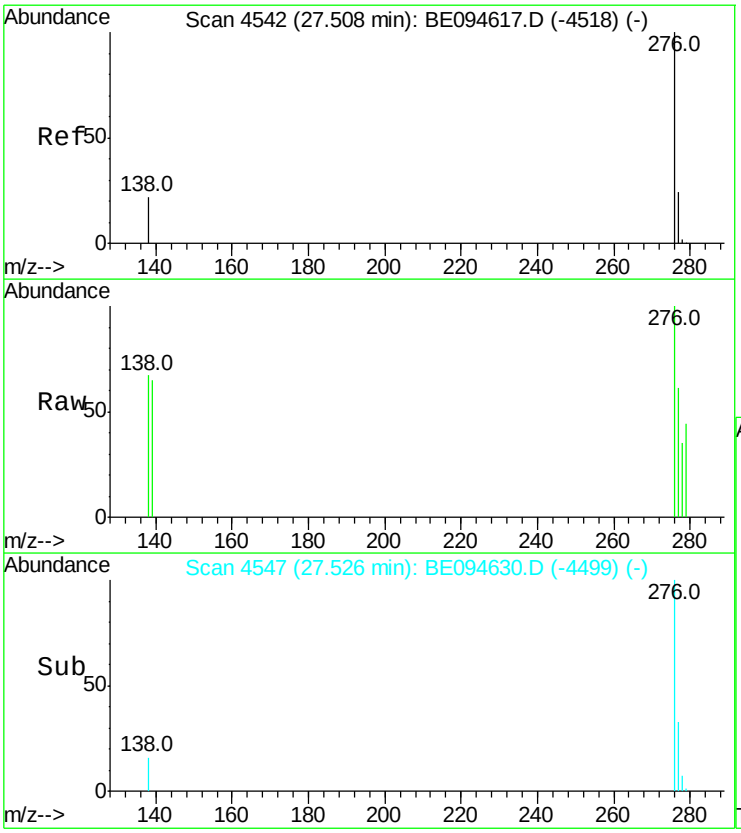
10/30/2017 6:40:15 PM



#26
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul m
RT: 27.53 min Scan# 4547
Delta R.T. 0.02 min
Lab File: BE094630.D
Acq: 28 Oct 2017 19:34

Tgt Ion:276 Resp: 1851

Ion	Ratio	Lower	Upper
276	100		
138	67.2	21.8	32.8#
277	61.1	20.5	30.7#