Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094723.D
Acq On : 4 Nov 2017 00:29
Operator : SJ/JU
Sample : I5955-10 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:52 PM

Quant Time: Nov 04 00:43:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1610	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9768	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11617	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11644	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13394	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1114	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	3358	0.10	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	3717	0.121	ng/ul	94
13) Anthracene	17.38	178	1136m	0.038	ng/ul	
15) Fluoranthene	19.31	202	17017	0.480	ng/ul	84
17) Pyrene	19.67	202	19471	0.541	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	13748	0.413	ng/ul#	88
19) Chrysene	21.46	228	12531	0.364	ng/ul#	87
21) Benzo(b)fluoranthene	23.18	252	16348m	0.434	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	6500m	0.161	ng/ul	
23) Benzo(a)pyrene	23.84	252	12265	0.326	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	6814	0.175	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.65	278	1605	0.049	ng/ul#	1
26) Benzo(g,h,i)perylene	27.50	276	6283	0.201	ng/ul#	70

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

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Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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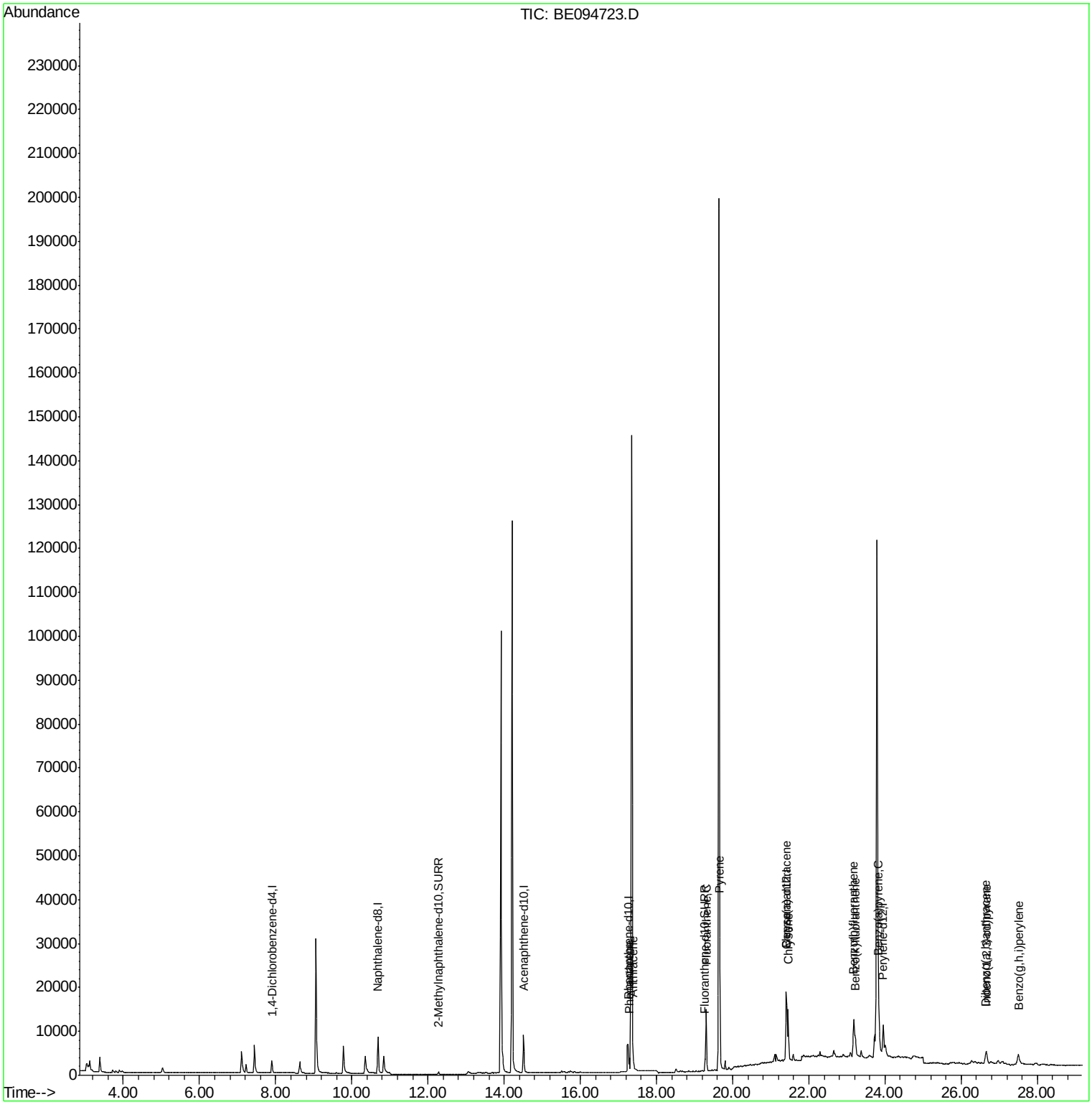
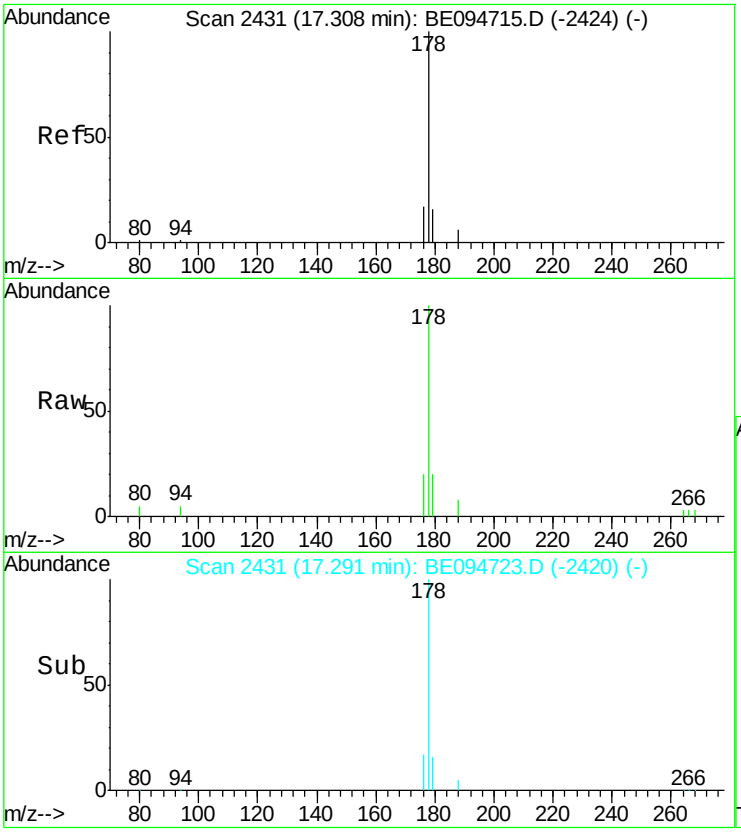
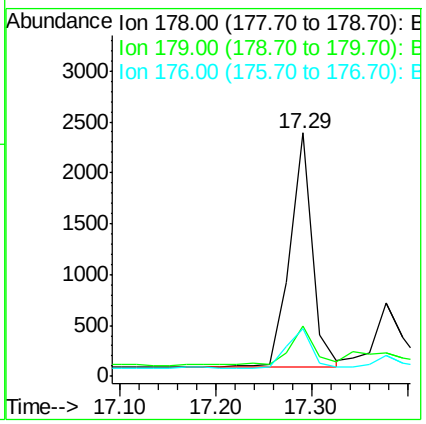




#12
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:178 Resp: 3717

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	19.6	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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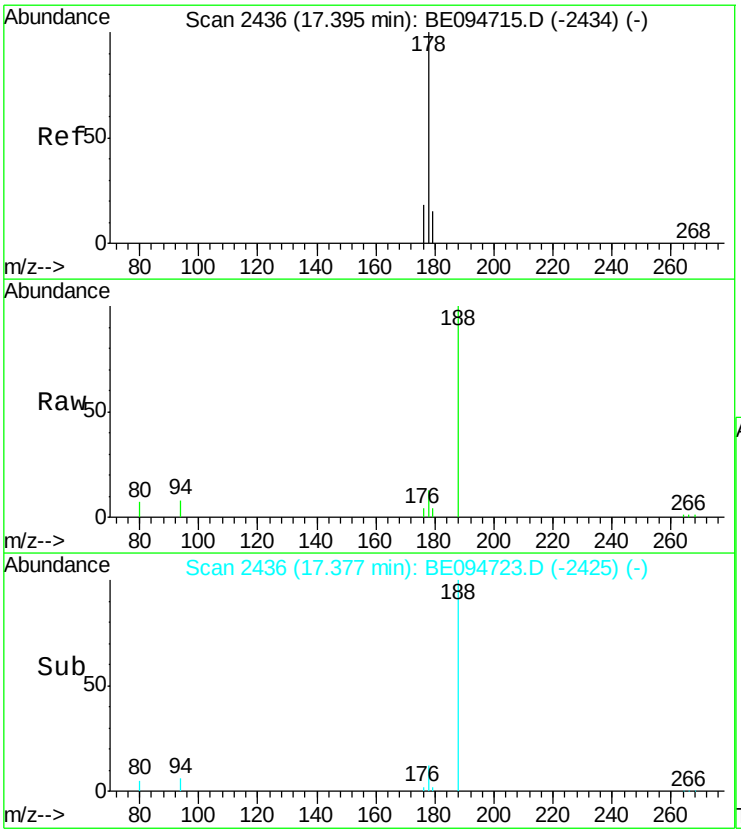
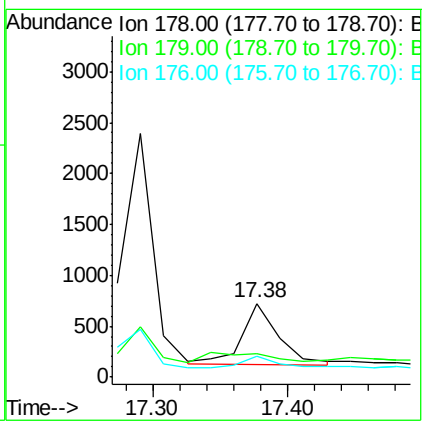
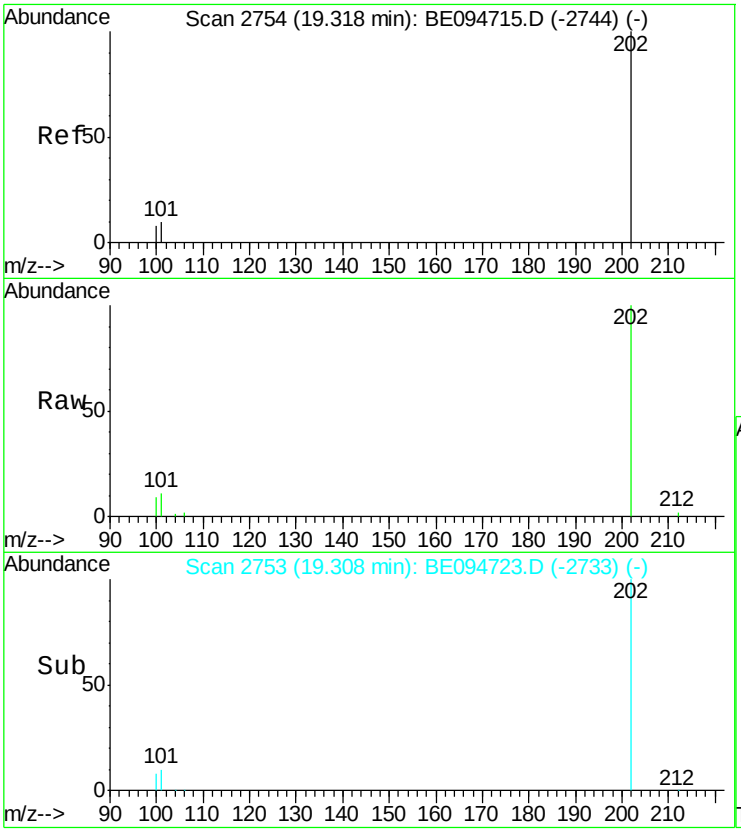


#13
Anthracene
Concen: 0.038 ng/ul m
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:178 Resp: 1136

Ion	Ratio	Lower	Upper
178	100		
179	31.4	18.1	27.1#
176	27.4	14.7	22.1#

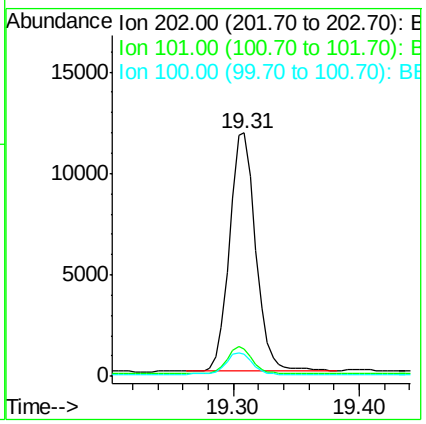




#15
Fluoranthene
Concen: 0.480 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:202 Resp: 17017

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.9	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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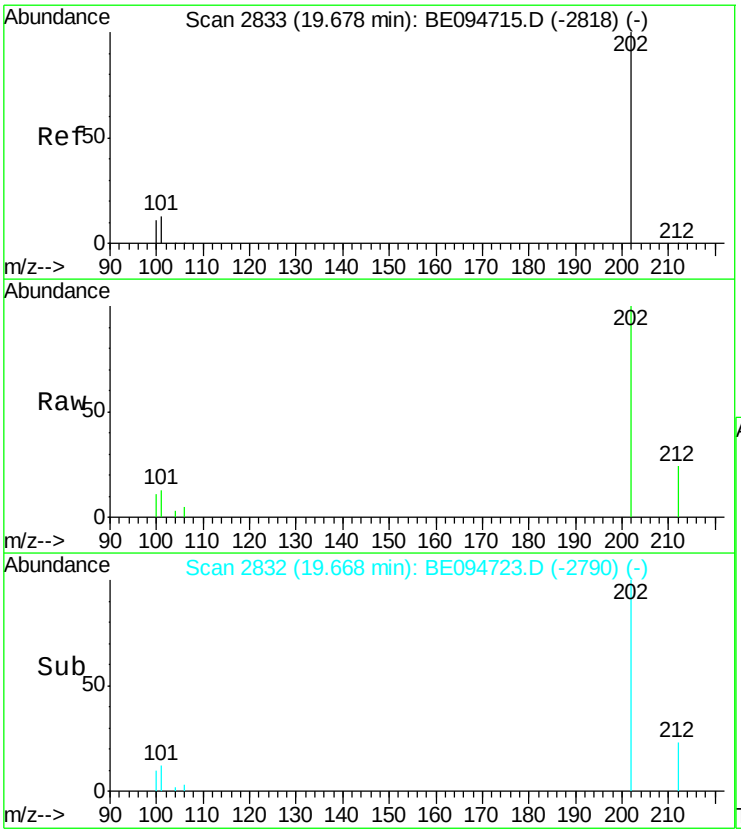
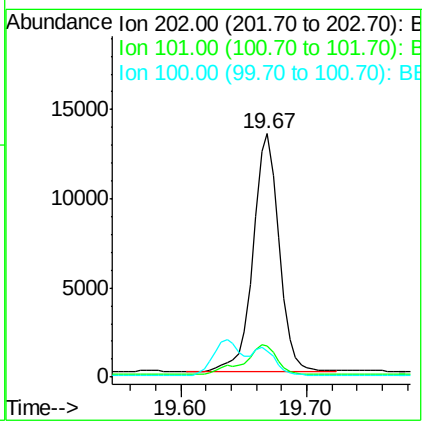
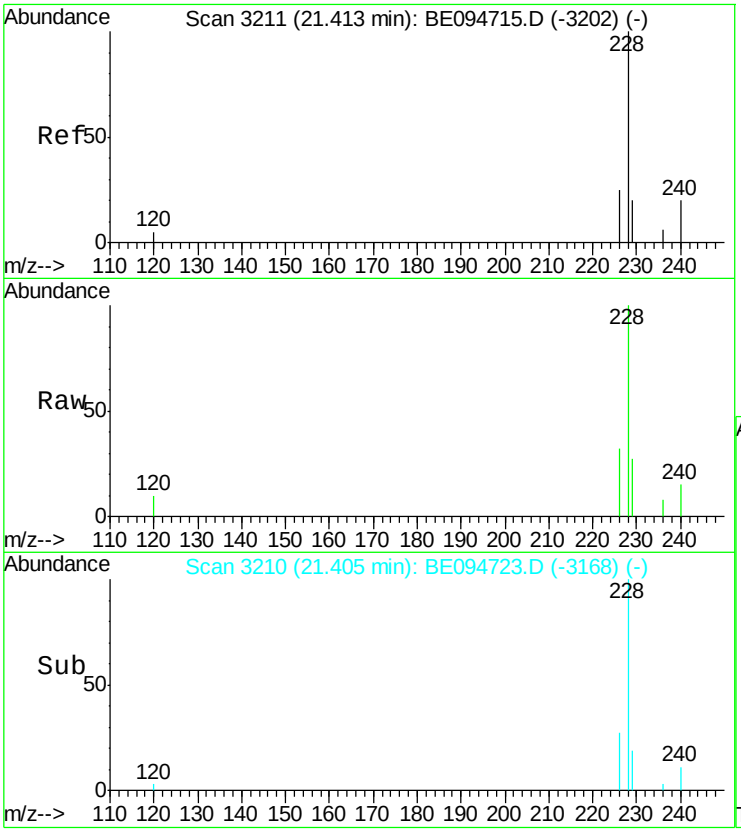


#17
Pyrene
Concen: 0.541 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:202 Resp: 19471

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.7	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:228 Resp: 13748

Ion	Ratio	Lower	Upper
228	100		
229	26.7	22.8	34.2
226	31.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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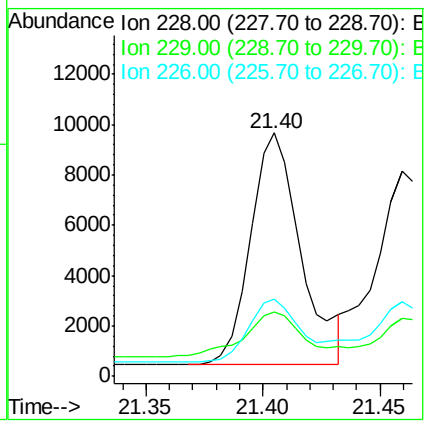
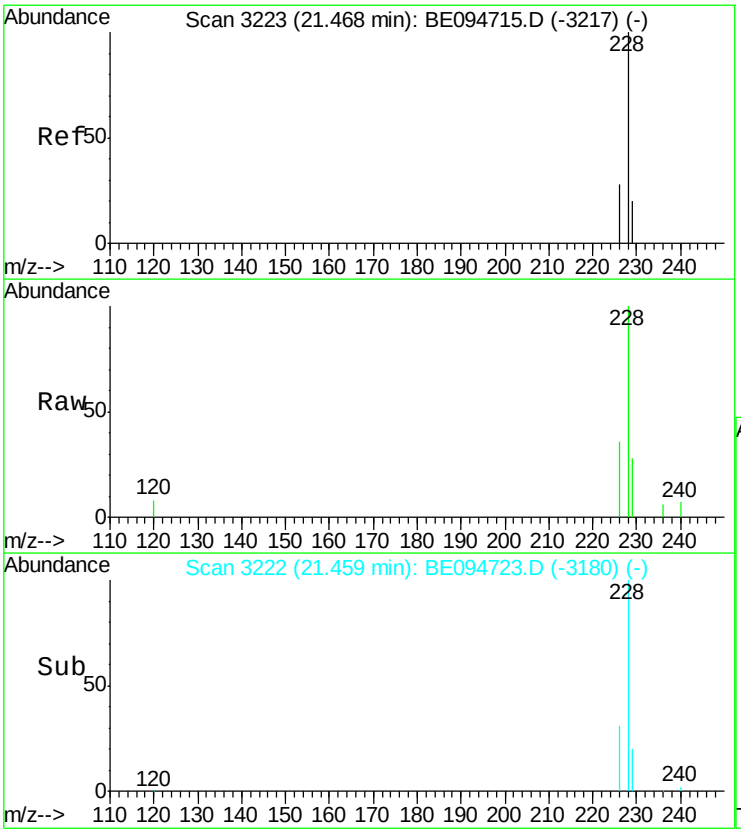
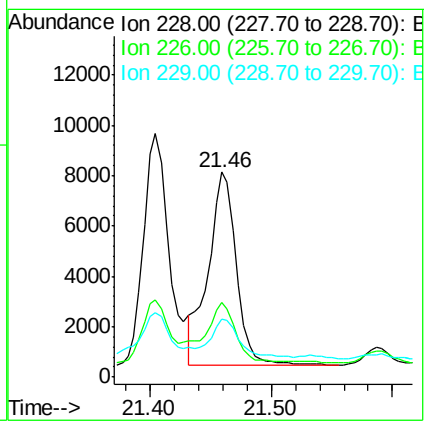


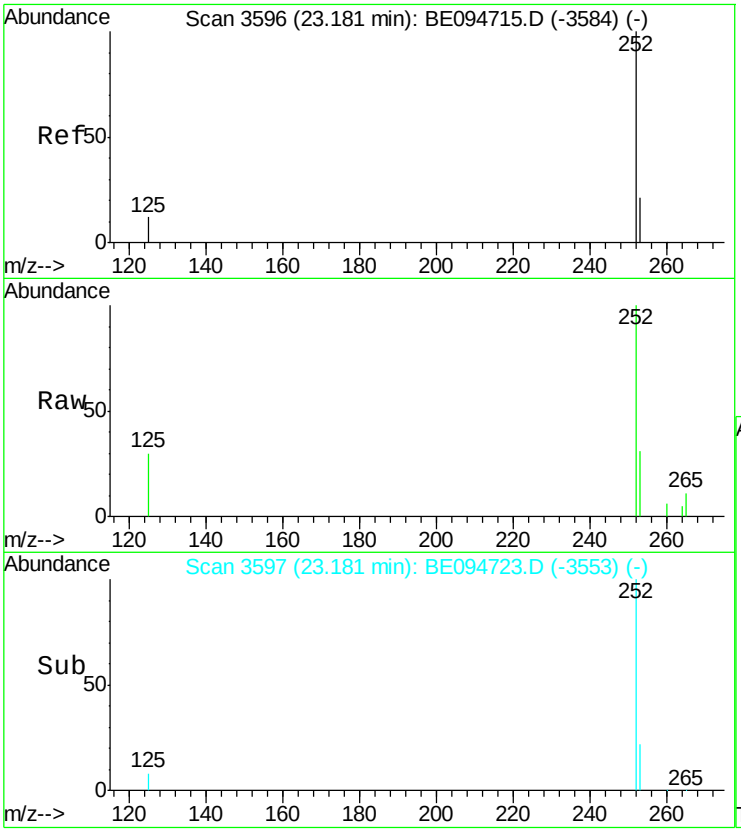


#19
Chrysene
Concen: 0.364 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:228 Resp: 12531

Ion	Ratio	Lower	Upper
228	100		
226	36.4	23.4	35.0#
229	28.2	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 0.434 ng/ul m
RT: 23.18 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:252 Resp: 16348

Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	64.2
125	29.9	0.0	35.0

Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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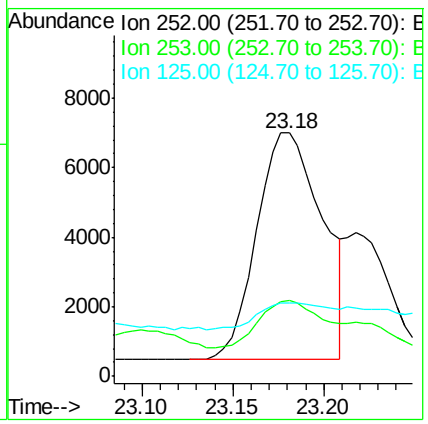
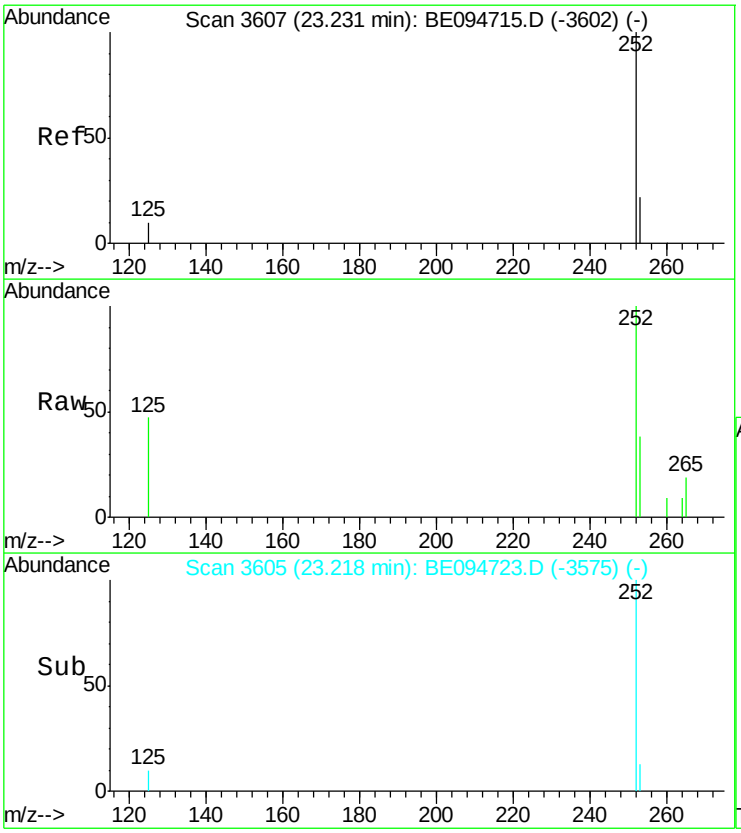
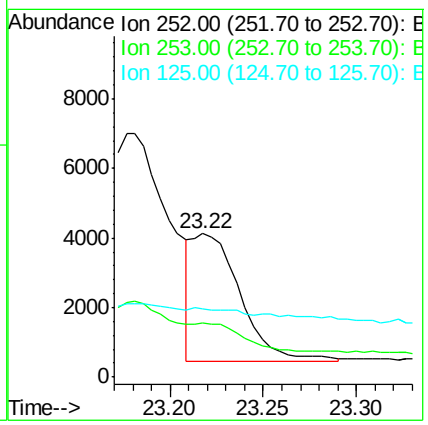


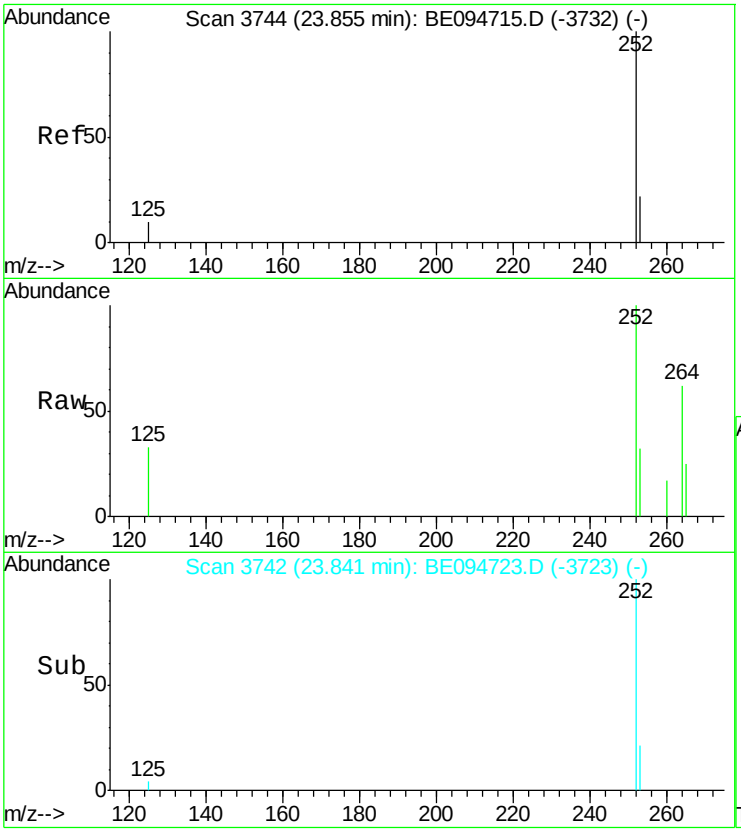


#22
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:252 Resp: 6500

Ion	Ratio	Lower	Upper
252	100		
253	37.6	24.5	36.7#
125	47.3	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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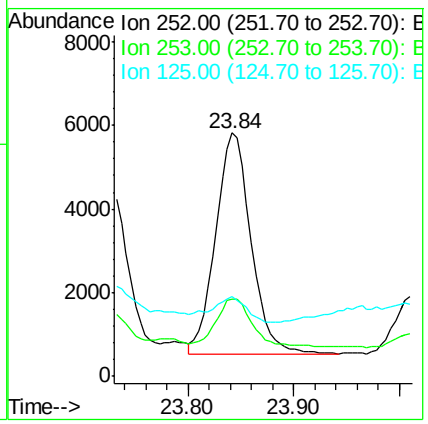
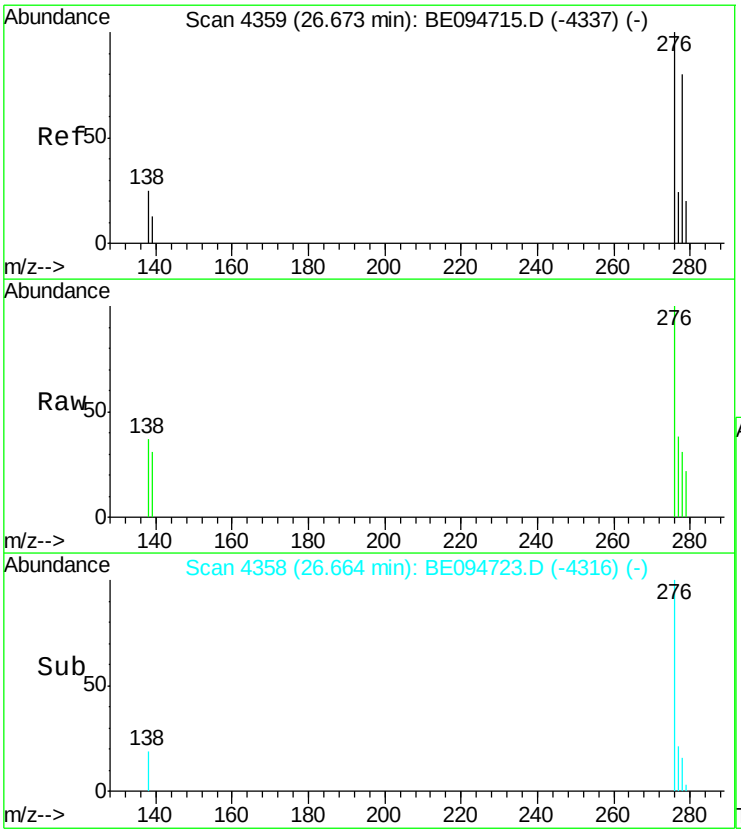
Tgt Ion:252 Resp: 12265

Ion	Ratio	Lower	Upper
252	100		
253	31.8	28.5	42.7
125	32.6	18.1	27.1#

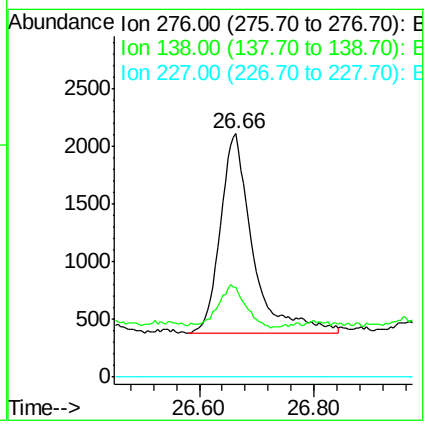


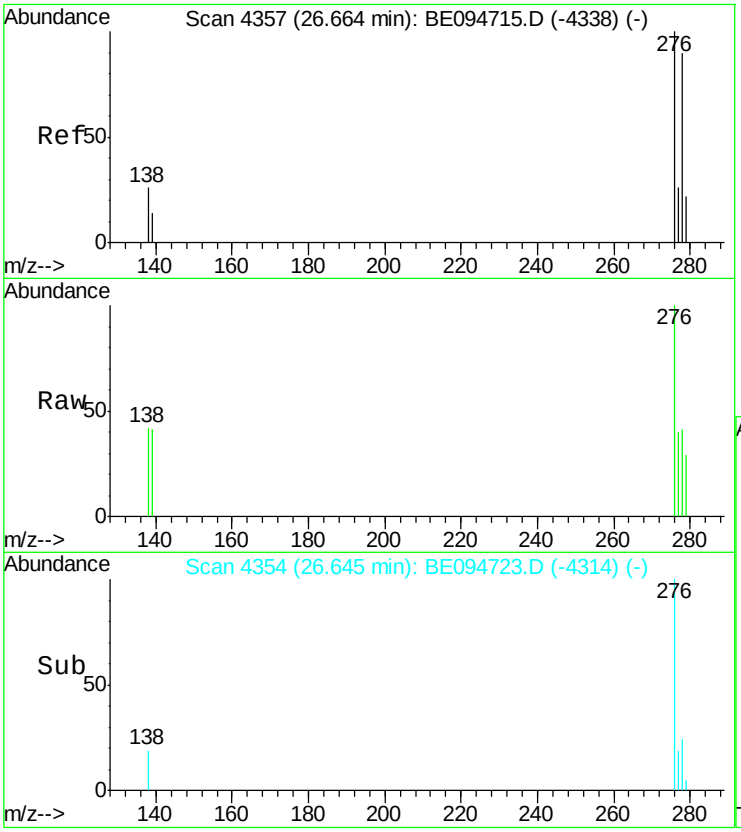


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.66 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:276 Resp: 6814

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





#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.65 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:278 Resp: 1605

Ion	Ratio	Lower	Upper
278	100		
139	99.1	17.4	26.0#
279	70.9	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
DUP-6

Manual Integrations APPROVED
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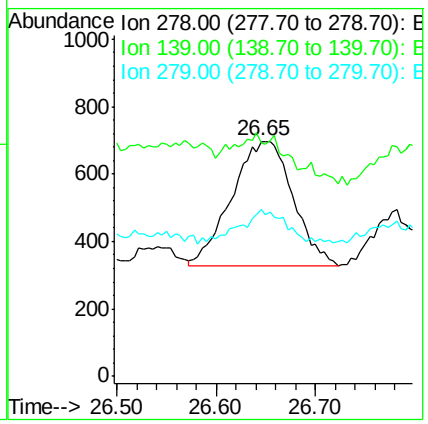
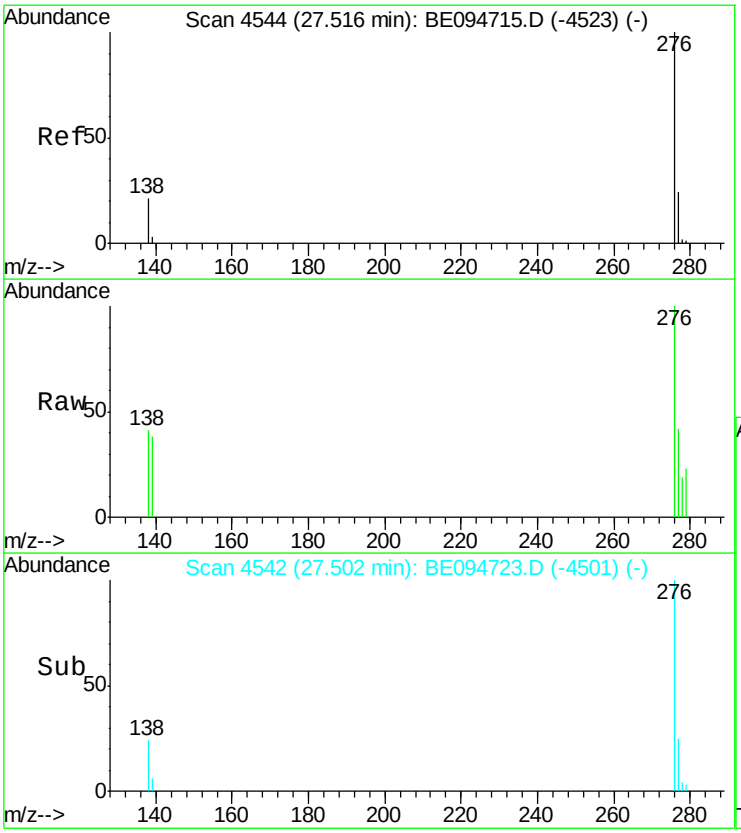
11/4/2017 2:16:52 PM





#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 27.50 min Scan# 4542
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:276 Resp: 6283

Ion	Ratio	Lower	Upper
276	100		
138	41.5	21.8	32.8#
277	42.4	20.5	30.7#