Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094628.D
Acq On : 28 Oct 2017 18:20
Operator : SJ/JU
Sample : I5842-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB9

Manual Integrations APPROVED
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Quant Time: Oct 30 04:15:50 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	2276	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	13228	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16051	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	15361	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	17056m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4982	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	11671	0.25	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	5330	0.156	ng/ul	99
8) Acenaphthene	14.57	153	859	0.035	ng/ul#	89
9) Fluorene	15.57	166	1088	0.039	ng/ul#	88
12) Phenanthrene	17.29	178	30256	0.714	ng/ul#	90
13) Anthracene	17.38	178	19420	0.464	ng/ul#	89
15) Fluoranthene	19.31	202	129212	2.636	ng/ul	84
17) Pyrene	19.67	202	231507	4.875	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	114691	2.612	ng/ul#	87
19) Chrysene	21.46	228	136678	3.011	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	165718	3.454	ng/ul	87
22) Benzo(k)fluoranthene	23.23	252	57071m	1.110	ng/ul	
23) Benzo(a)pyrene	23.85	252	74398m	1.551	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	27715m	0.558	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	9624m	0.230	ng/ul	
26) Benzo(g,h,i)perylene	27.51	276	16335m	0.410	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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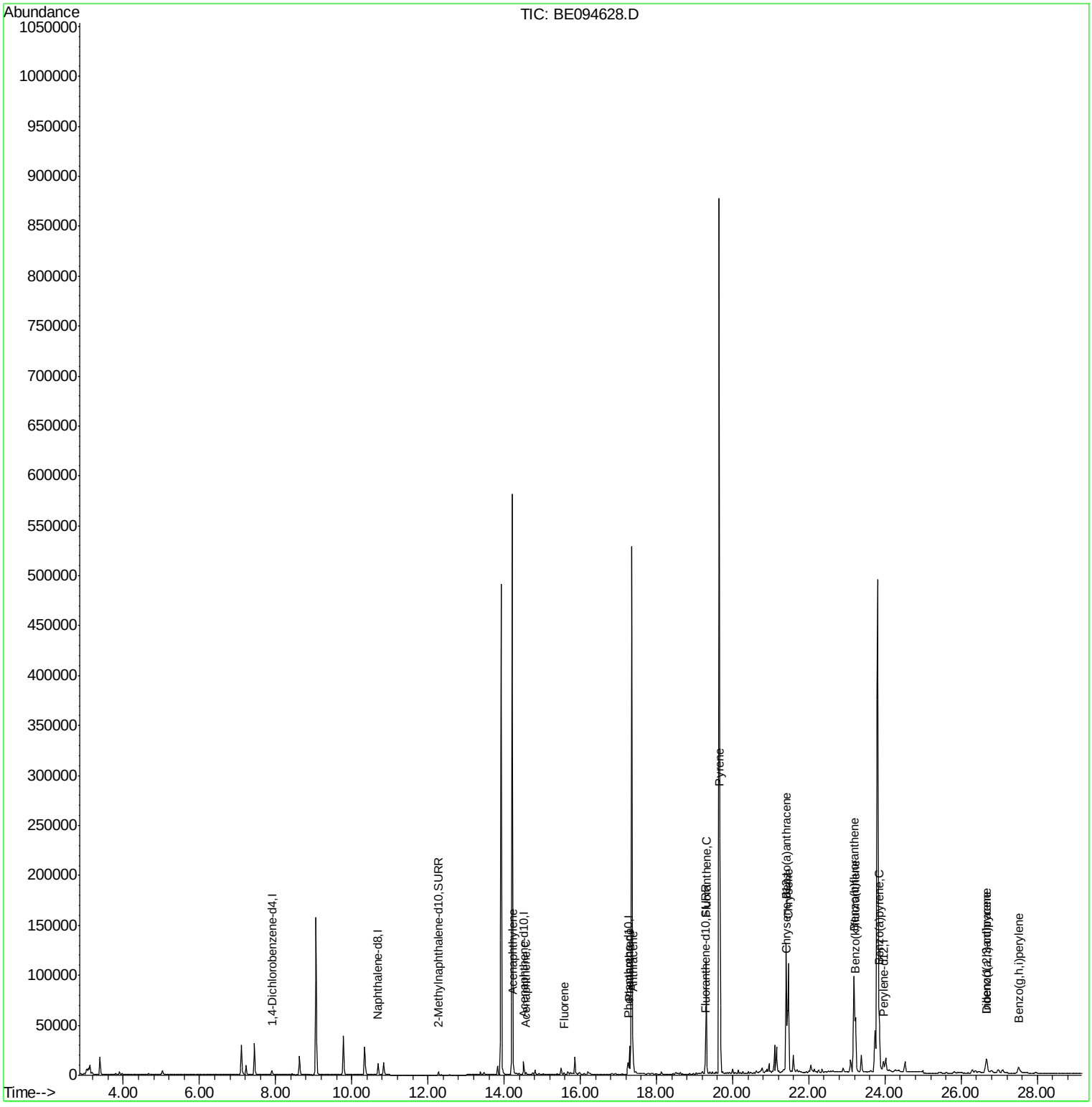
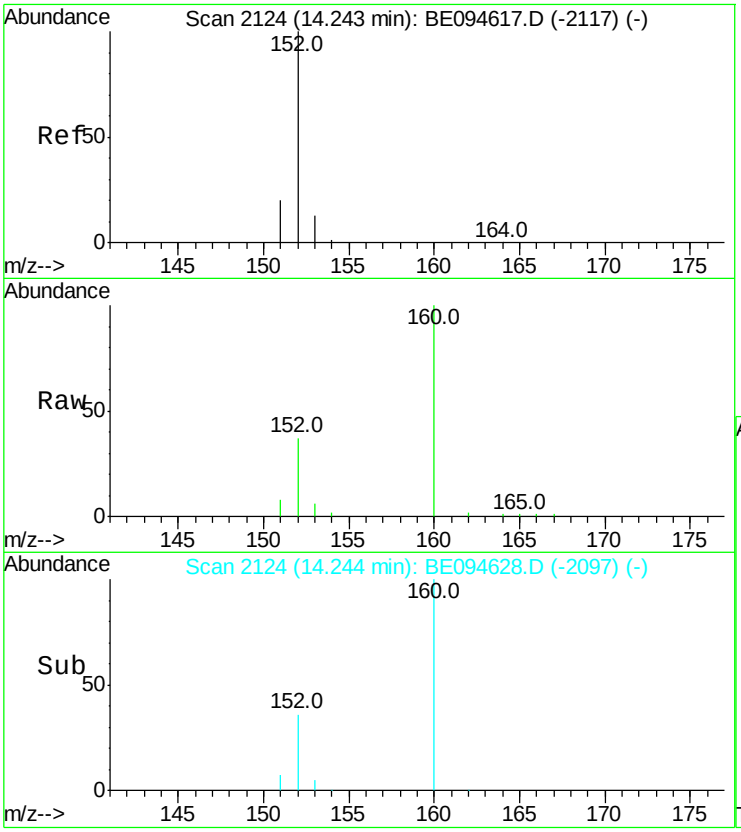
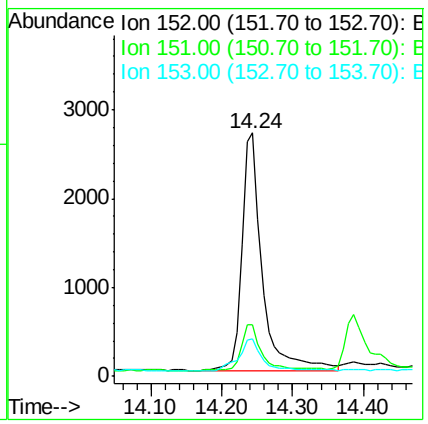




#7
Acenaphthylene
Concen: 0.156 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:152 Resp: 5330

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	15.4	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AB9

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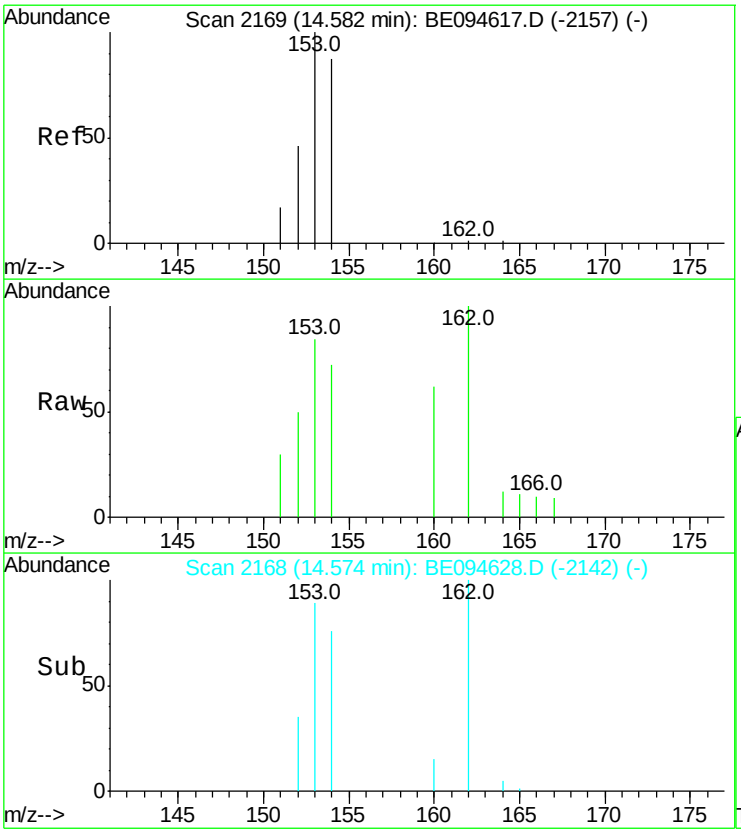
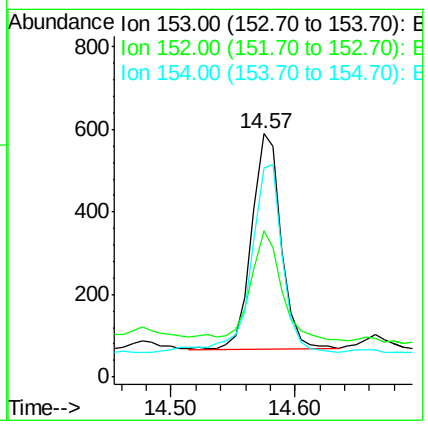
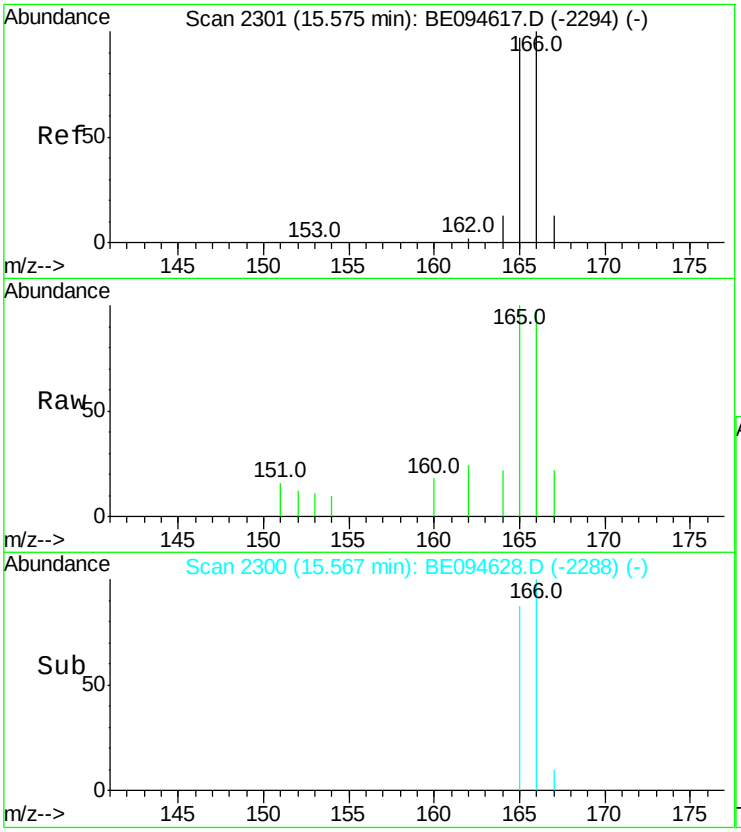


#8
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:153 Resp: 859

Ion	Ratio	Lower	Upper
153	100		
152	60.2	36.0	54.0#
154	85.6	72.0	108.0

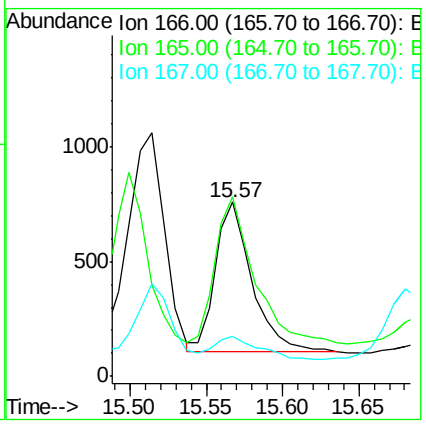




#9
Fluorene
Concen: 0.039 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:166 Resp: 1088

Ion	Ratio	Lower	Upper
166	100		
165	103.3	73.4	110.2
167	22.8	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AB9

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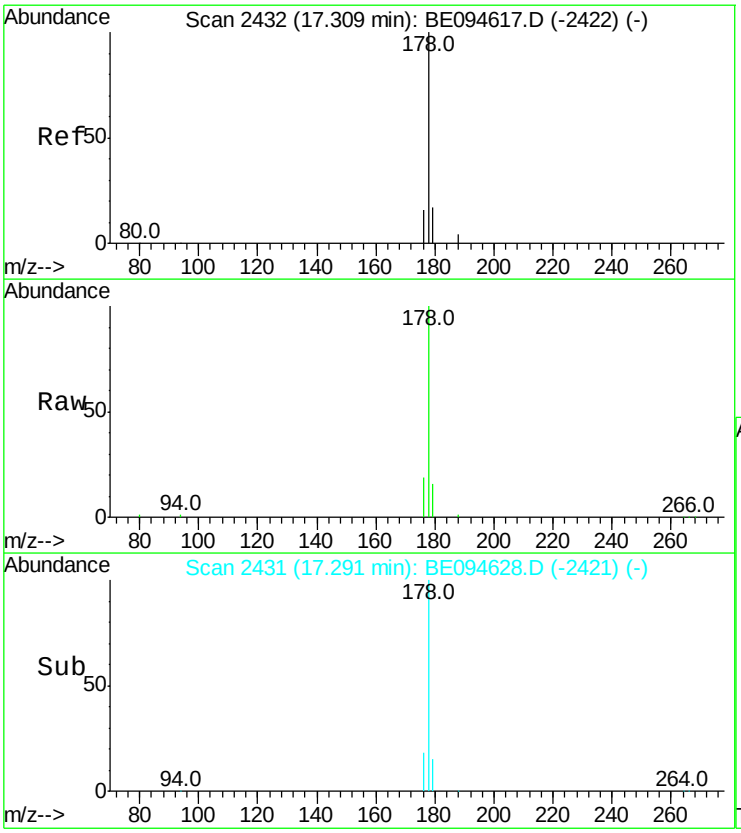
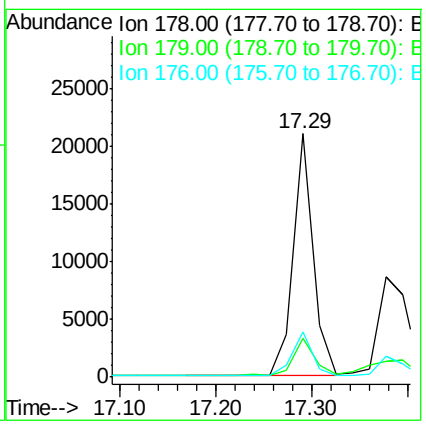
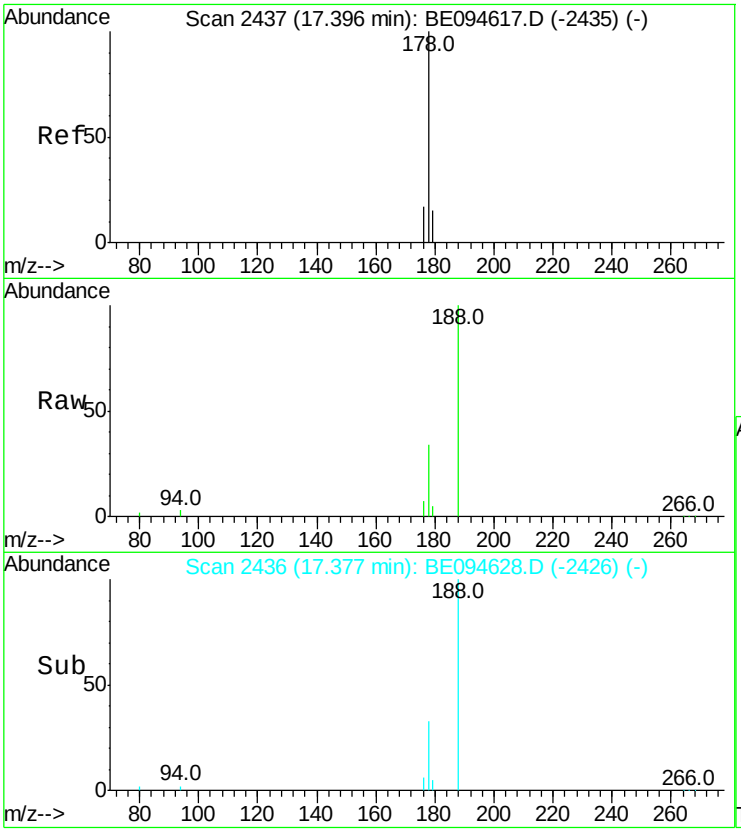


#12
Phenanthrene
Concen: 0.714 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:178 Resp: 30256

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	18.7	13.6	20.4

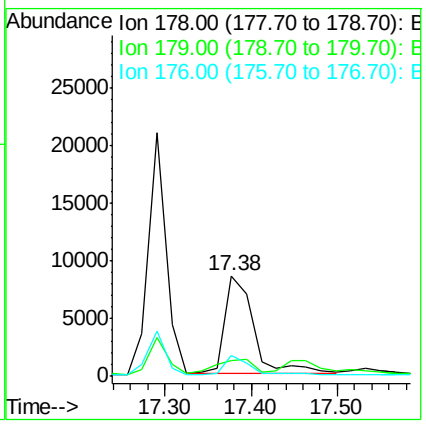




#13
Anthracene
Concen: 0.464 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:178 Resp: 19420

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	21.1	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AB9

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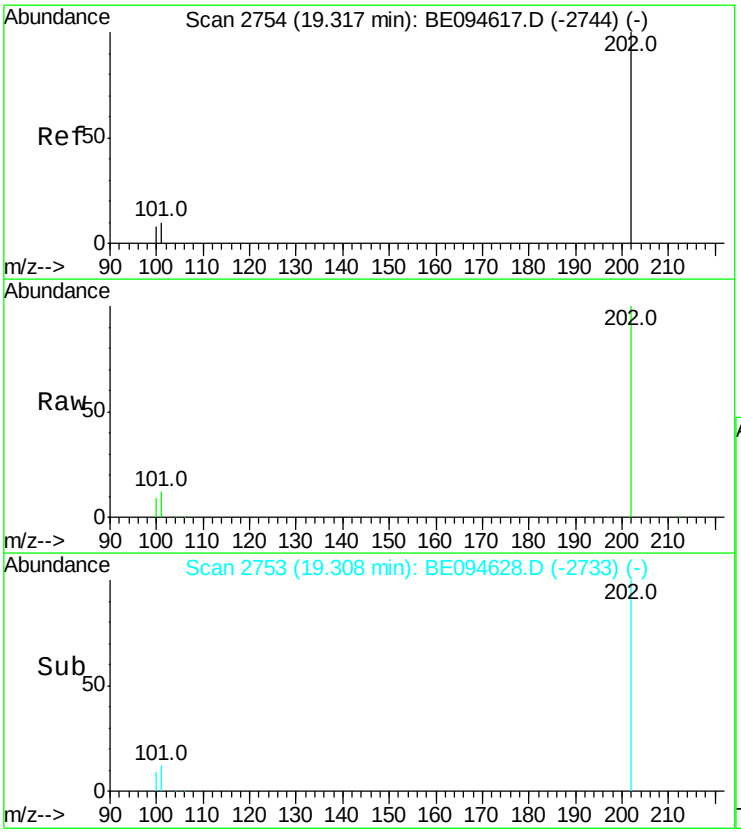
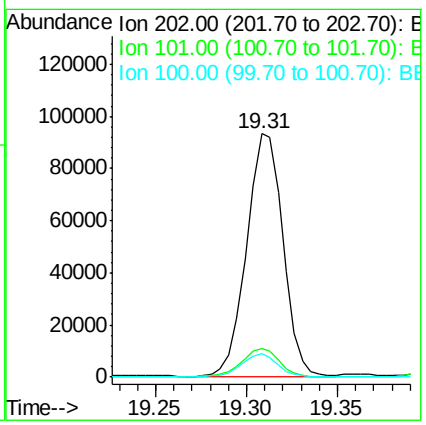
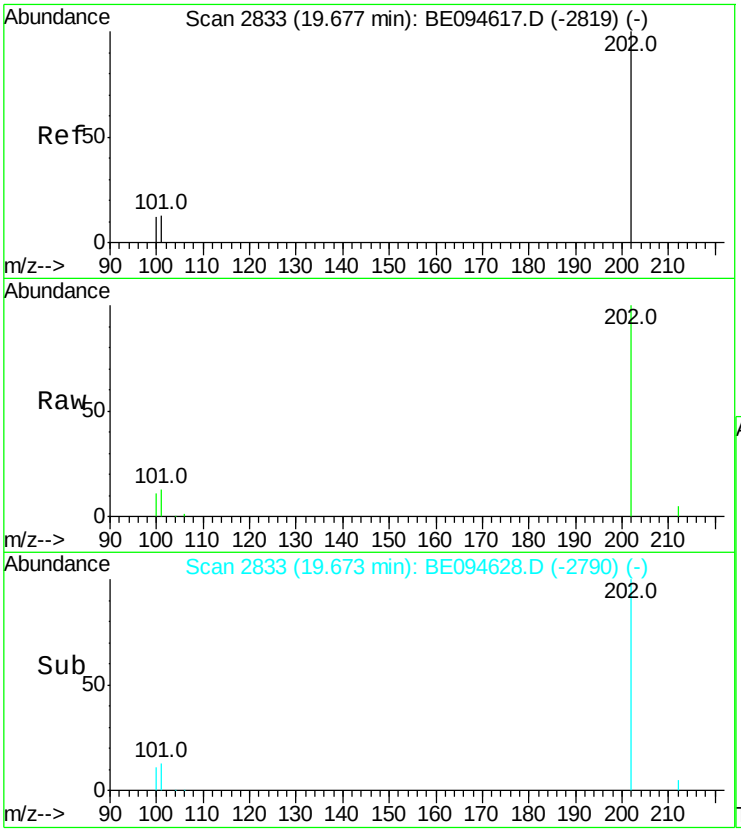


#15
Fluoranthene
Concen: 2.636 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:202 Resp: 129212

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.4	0.0	39.5





#17
Pyrene
Concen: 4.875 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:202 Resp: 231507

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AB9

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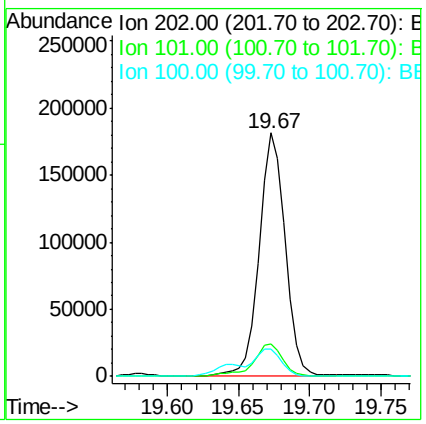
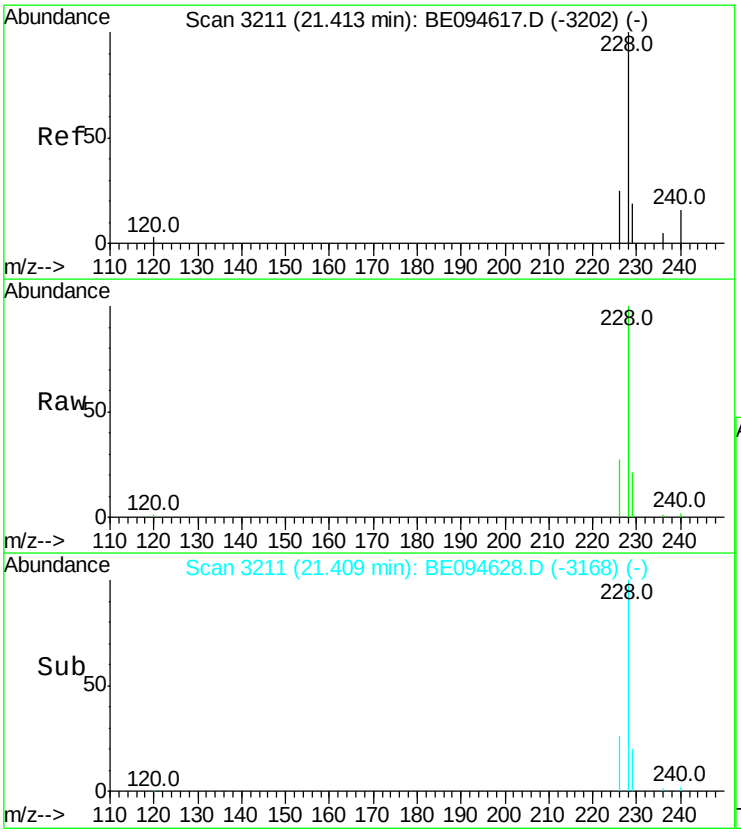
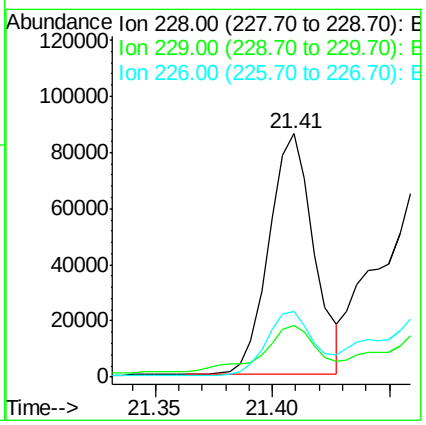


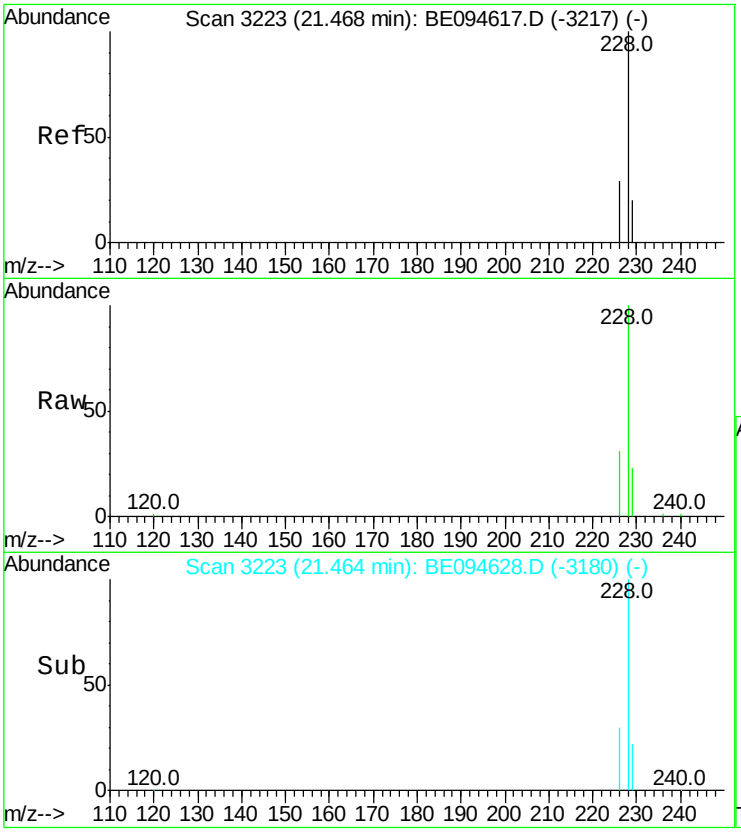


#18
Benzo(a)anthracene
Concen: 2.612 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:228 Resp: 114691

Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	26.8	17.0	25.6#





#19
Chrysene
Concen: 3.011 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:228 Resp: 136678

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	23.3	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
C0AB9

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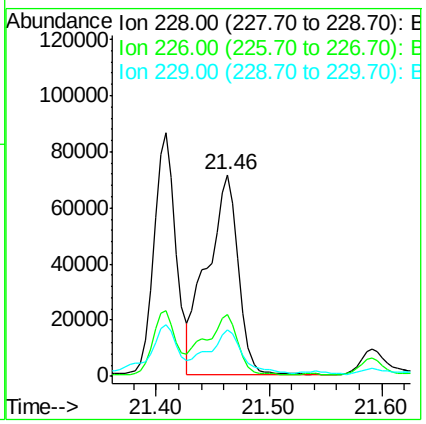
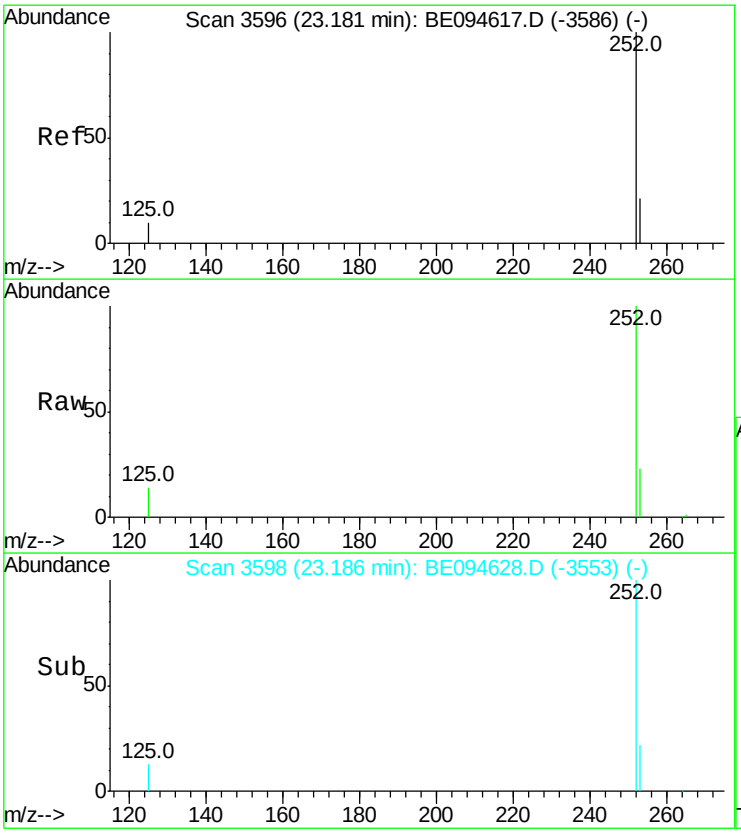
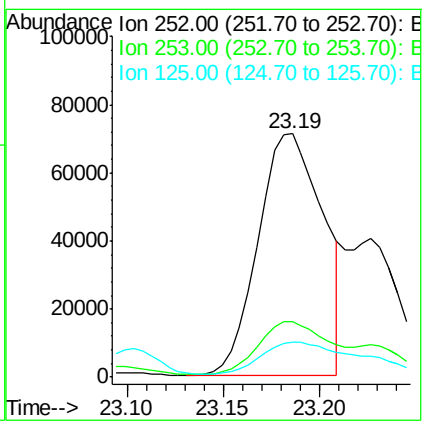


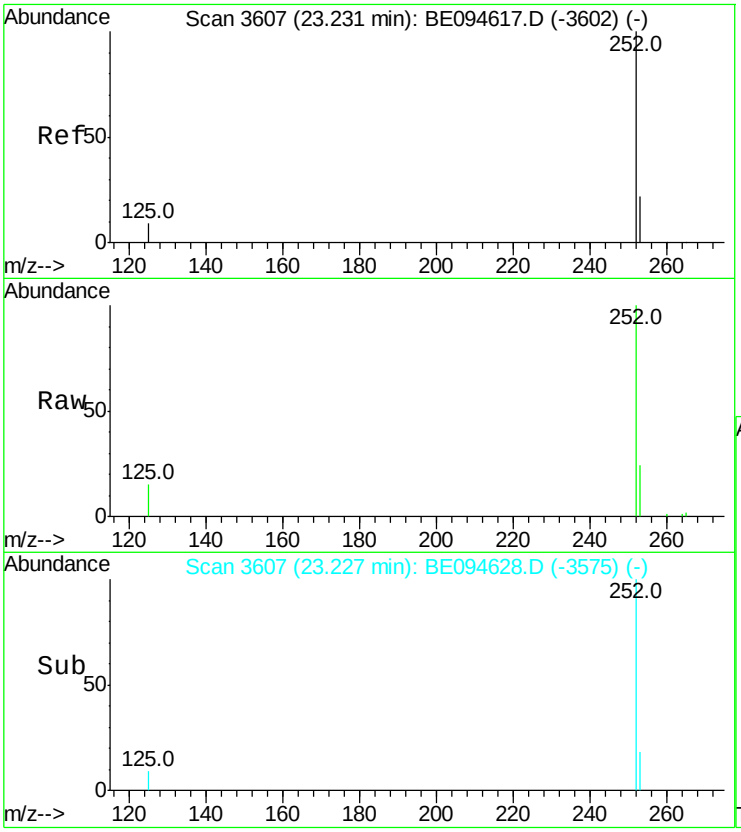


#21
Benzo(b)fluoranthene
Concen: 3.454 ng/ul
RT: 23.19 min Scan# 3598
Delta R.T. 0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:252 Resp: 165718

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	14.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.110 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:252 Resp: 57071

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	14.8	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AB9

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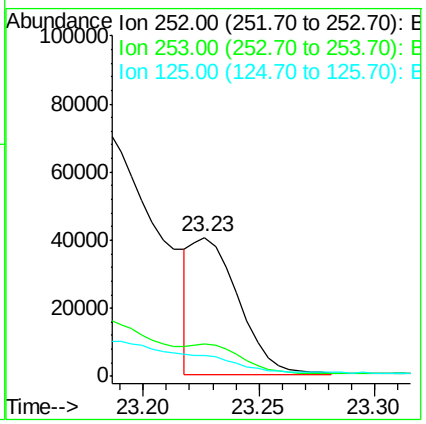
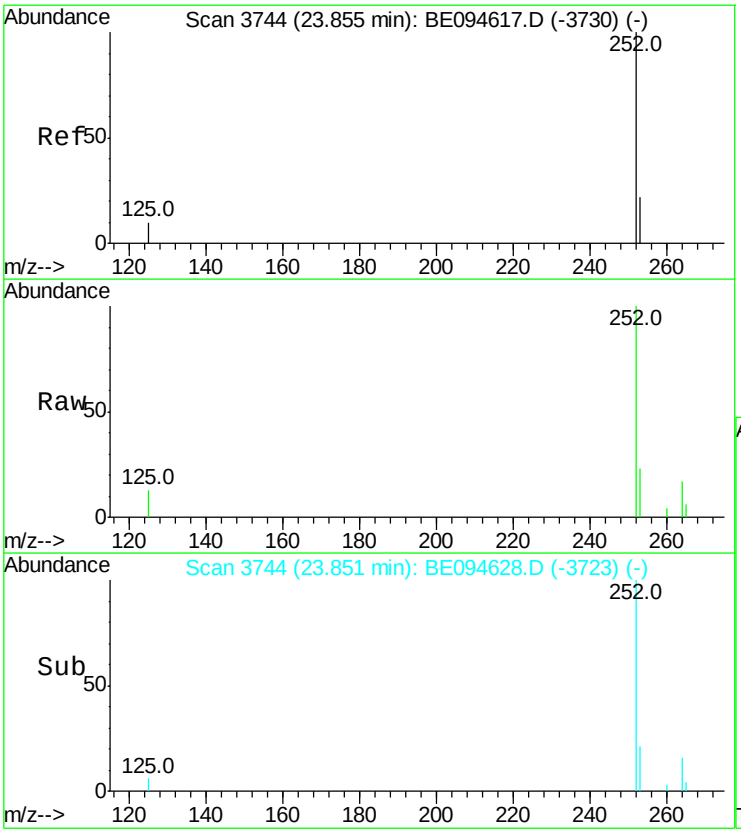
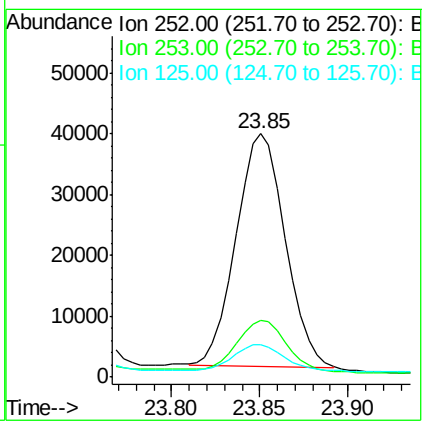


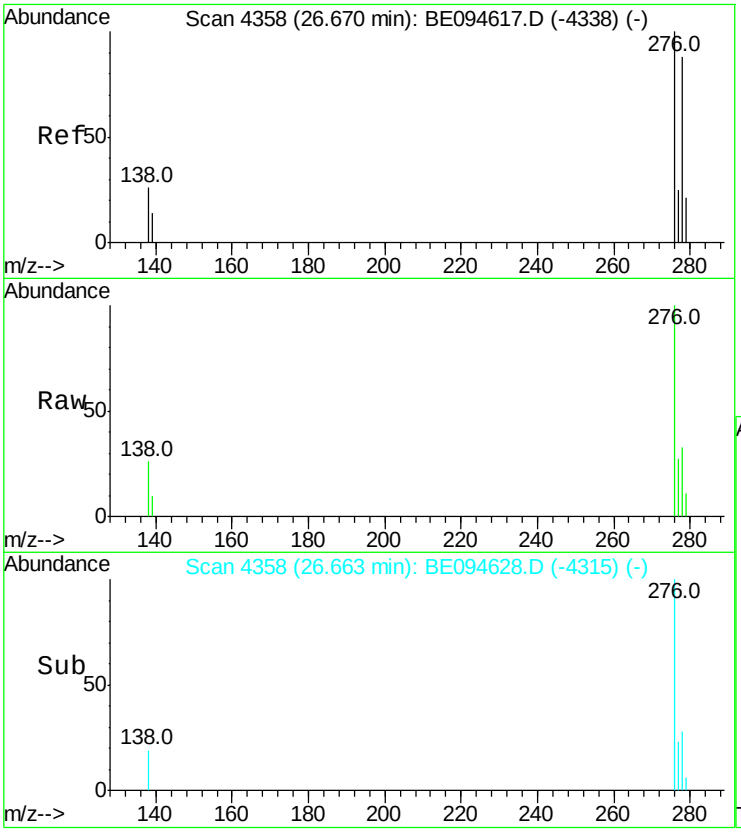


#23
Benzo(a)pyrene
Concen: 1.551 ng/ul m
RT: 23.85 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:252 Resp: 74398

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	13.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng/ul m
RT: 26.66 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:276 Resp: 27715

Ion	Ratio	Lower	Upper
276	100		
138	2.5	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AB9

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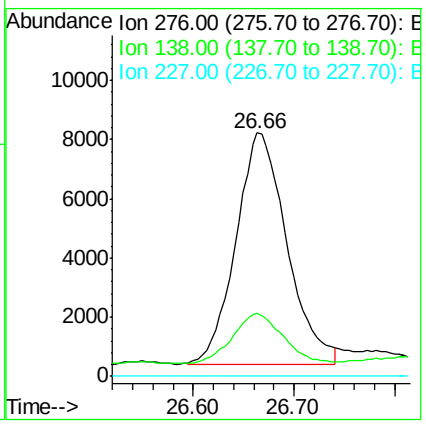
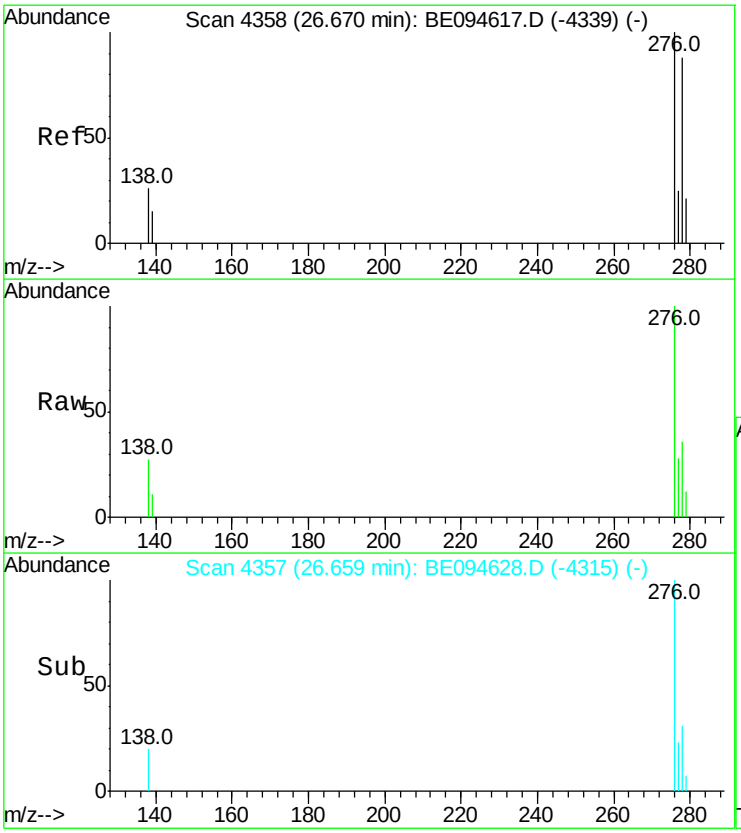
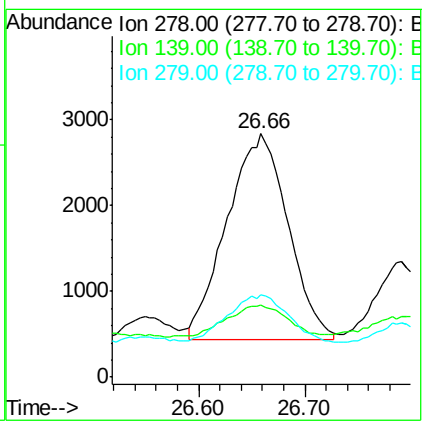


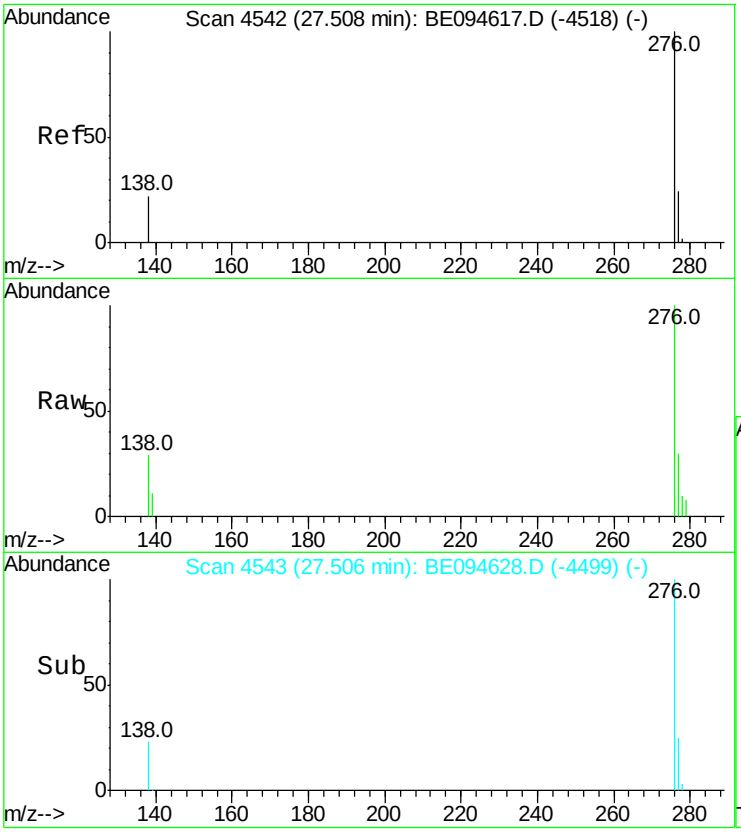


#25
Dibenzo(a,h)anthracene
Concen: 0.230 ng/ul m
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:278 Resp: 9624

Ion	Ratio	Lower	Upper
278	100		
139	29.7	17.4	26.0#
279	34.0	25.9	38.9

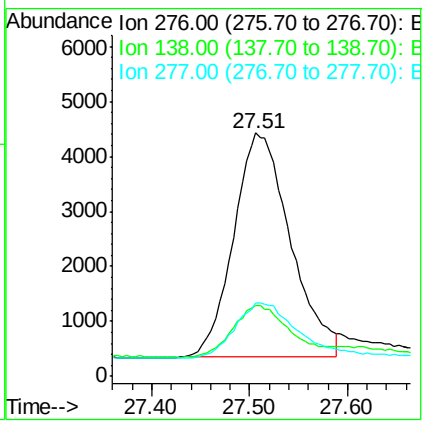




#26
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul m
RT: 27.51 min Scan# 4543
Delta R.T. -0.00 min
Lab File: BE094628.D
Acq: 28 Oct 2017 18:20

Tgt Ion:276 Resp: 16335

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.8
277	30.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
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