Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094641.D
Acq On : 30 Oct 2017 10:52
Operator : SJ/JU
Sample : I5842-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AB9

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:31 PM

Quant Time: Oct 30 18:38:29 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 04:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1239	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8827	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8568	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7415m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2700	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6032	0.23	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	2878	0.148	ng/ul	98
8) Acenaphthene	14.58	153	526	0.038	ng/ul#	93
9) Fluorene	15.57	166	602	0.038	ng/ul#	85
12) Phenanthrene	17.29	178	15756m	0.676	ng/ul	
13) Anthracene	17.39	178	9849	0.428	ng/ul	95
15) Fluoranthene	19.31	202	67400	2.500	ng/ul	84
17) Pyrene	19.68	202	120426	4.547	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	60270	2.461	ng/ul#	88
19) Chrysene	21.47	228	70671	2.791	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	91914m	4.407	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	38493m	1.722	ng/ul	
23) Benzo(a)pyrene	23.86	252	41678m	1.999	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	14416m	0.668	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	5232m	0.288	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	8849m	0.511	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094641.D
Acq On : 30 Oct 2017 10:52
Operator : SJ/JU
Sample : I5842-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 30 18:38:29 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 04:29:38 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB9

Manual Integrations APPROVED
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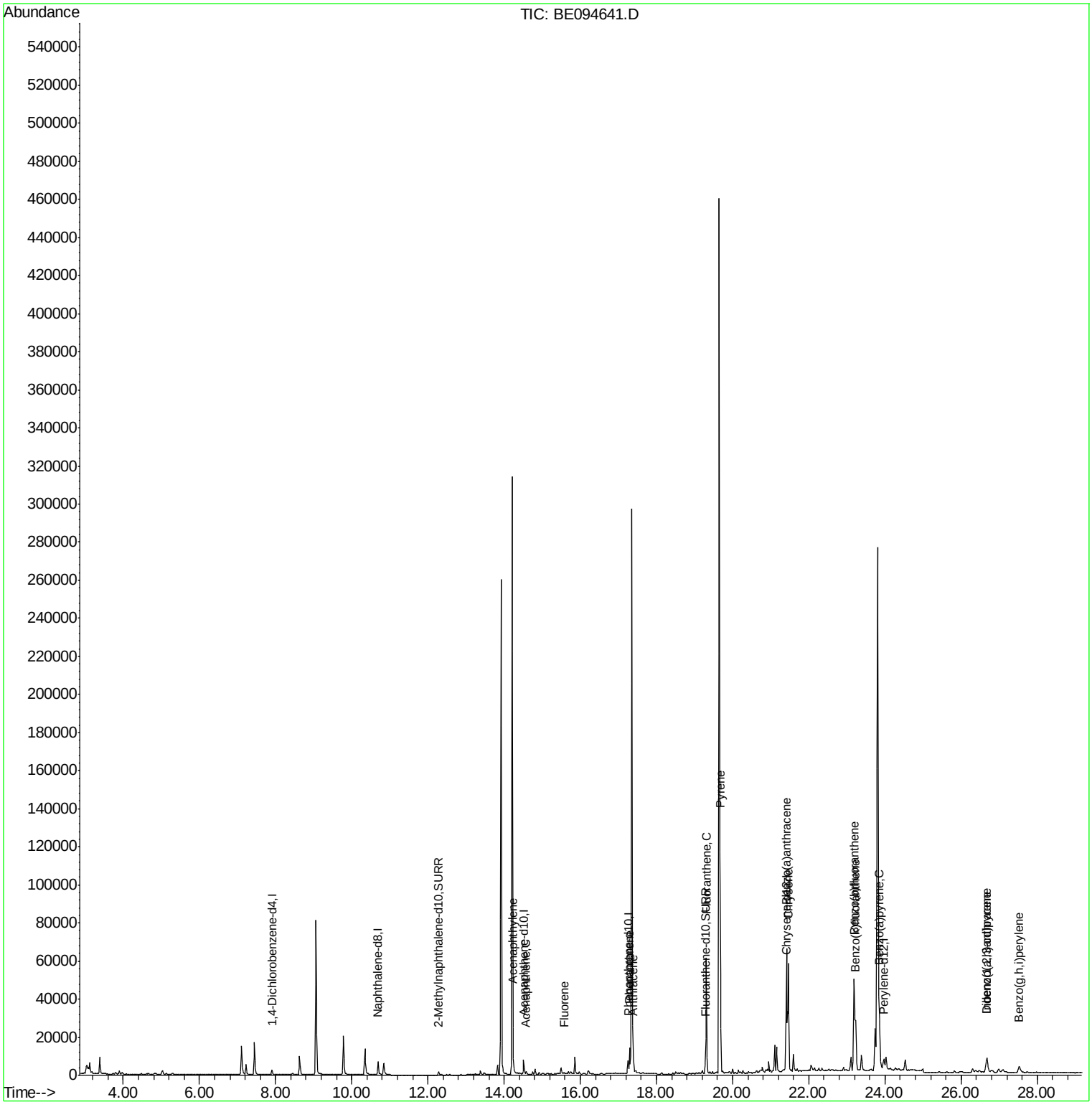
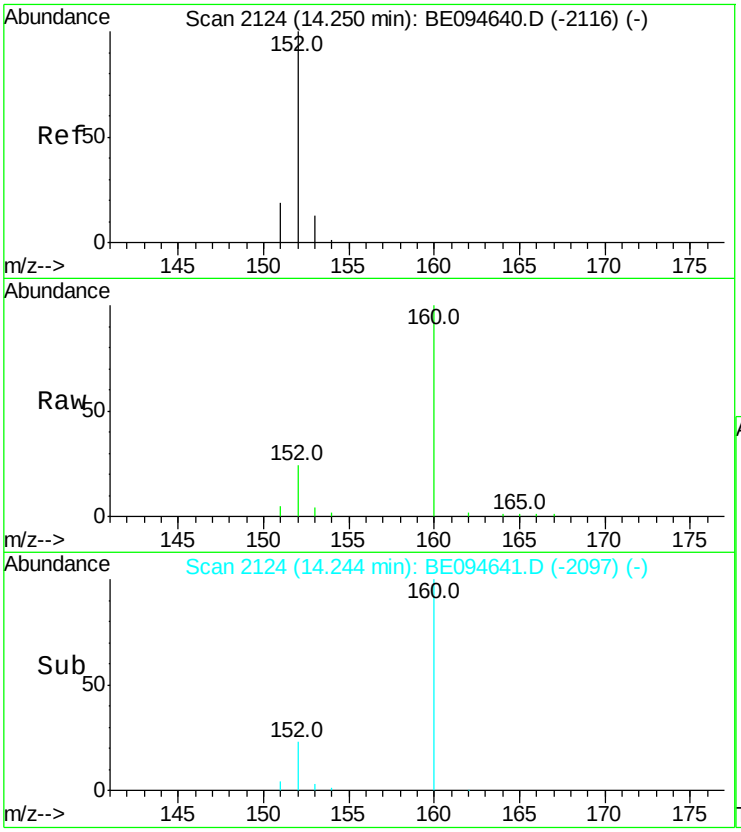
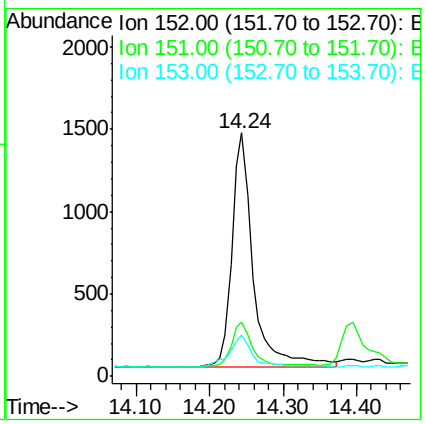




#7
Acenaphthylene
Concen: 0.148 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:152 Resp: 2878

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.1	25.7
153	16.9	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AB9

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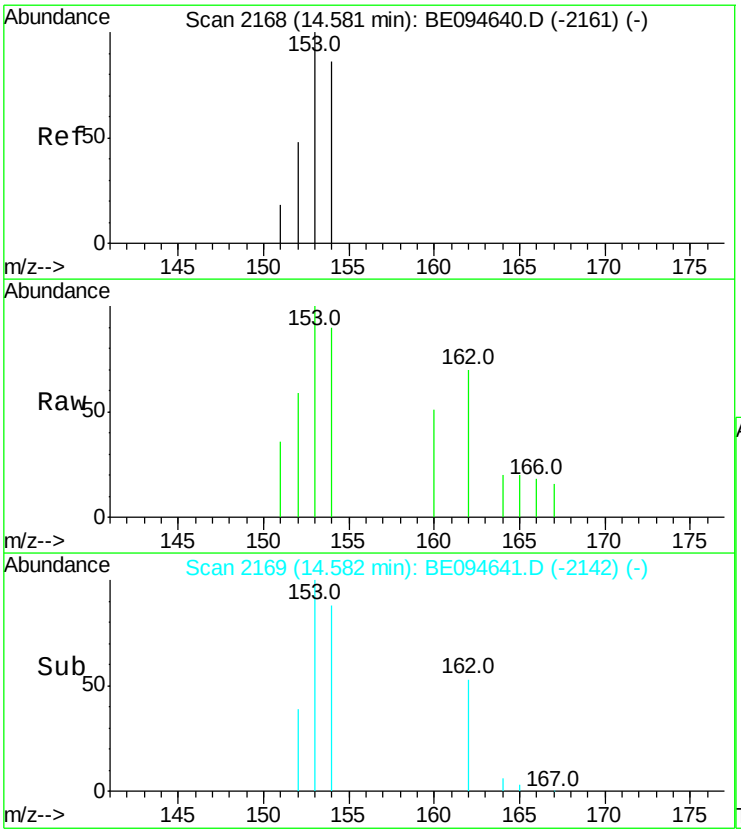
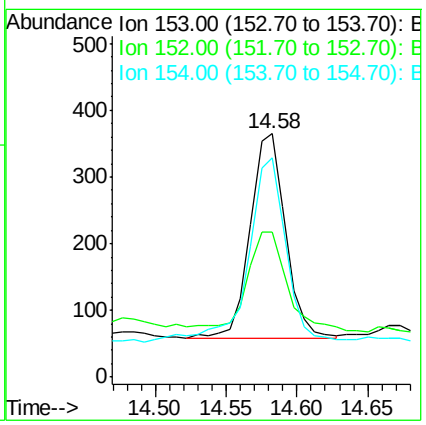
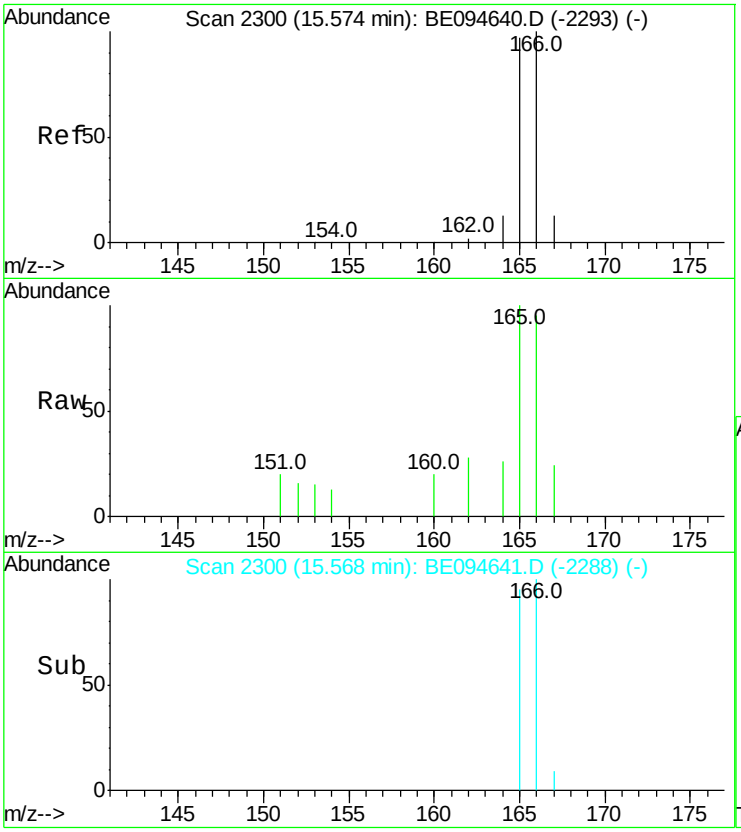


#8
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:153 Resp: 526

Ion	Ratio	Lower	Upper
153	100		
152	59.5	36.0	54.0#
154	90.1	72.0	108.0

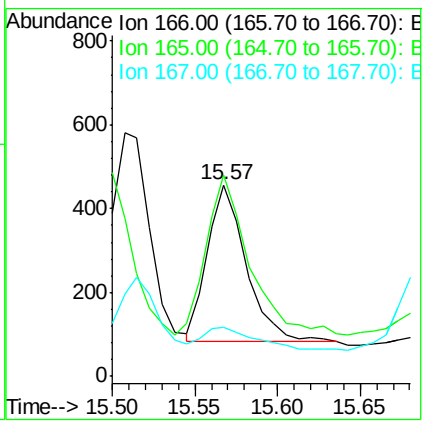




#9
Fluorene
Concen: 0.038 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:166 Resp: 602

Ion	Ratio	Lower	Upper
166	100		
165	105.5	73.4	110.2
167	25.6	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AB9

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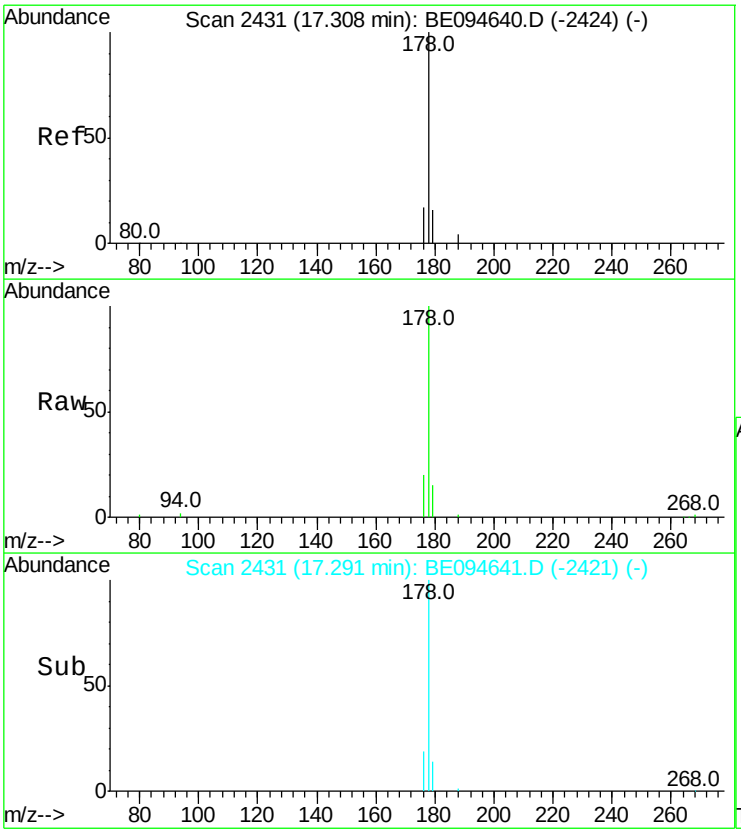
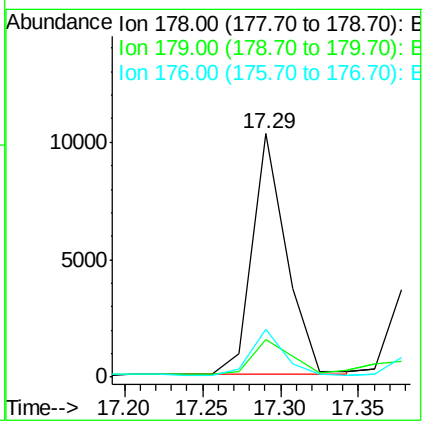
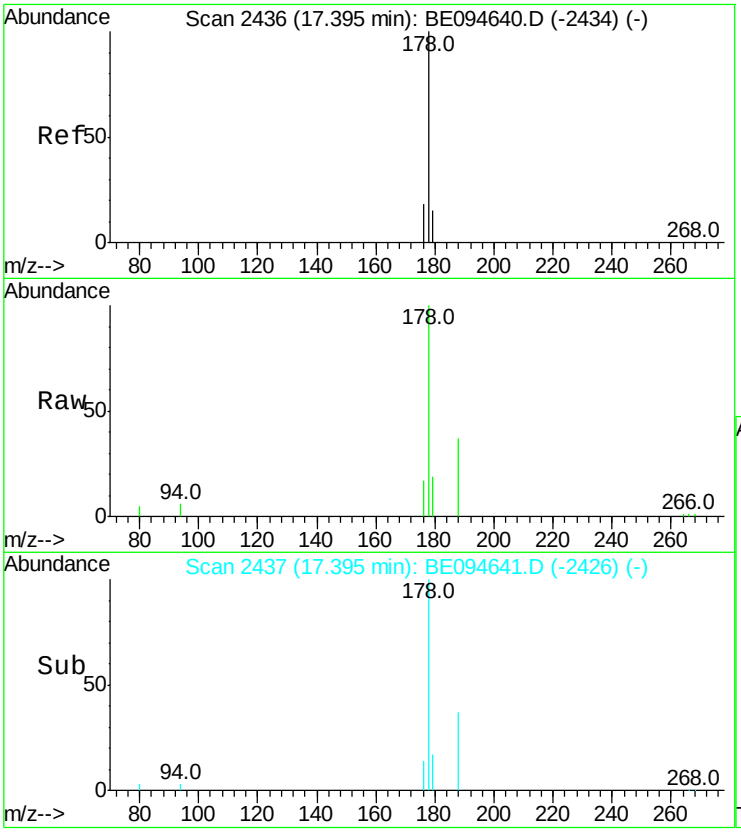


#12
Phenanthrene
Concen: 0.676 ng/ul m
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:178 Resp: 15756

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	19.8	13.6	20.4

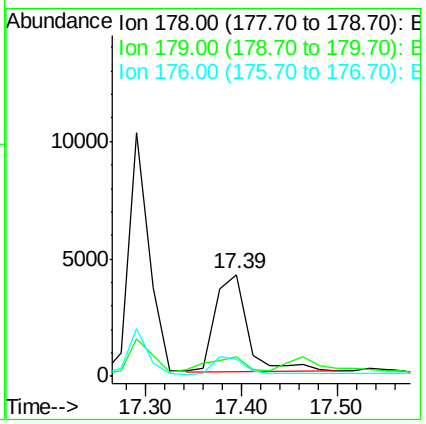




#13
Anthracene
Concen: 0.428 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:178 Resp: 9849

Ion	Ratio	Lower	Upper
178	100		
179	19.5	18.1	27.1
176	16.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AB9

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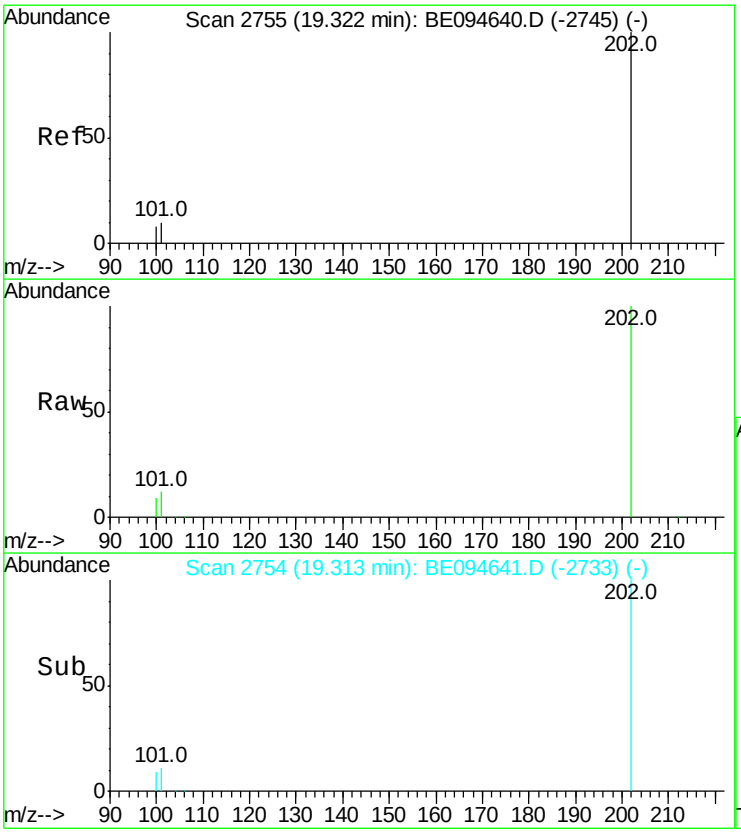
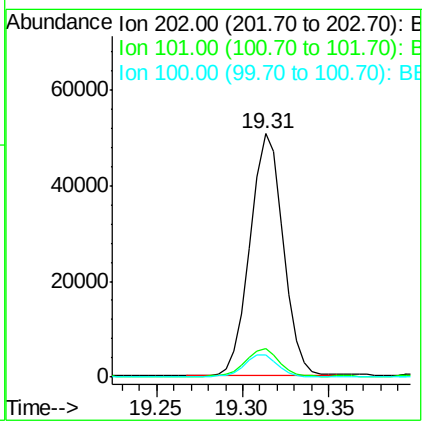
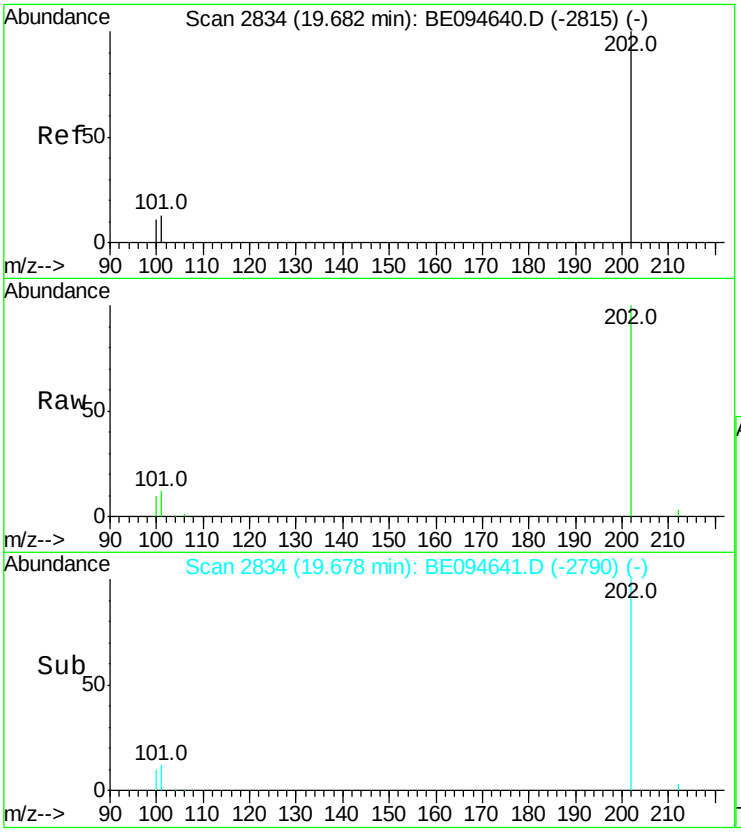


#15
Fluoranthene
Concen: 2.500 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:202 Resp: 67400

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5





#17
Pyrene
Concen: 4.547 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:202 Resp: 120426

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	10.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AB9

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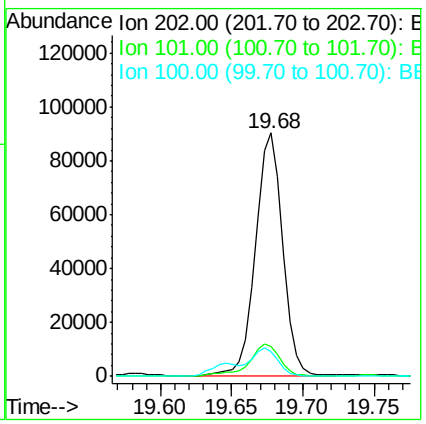
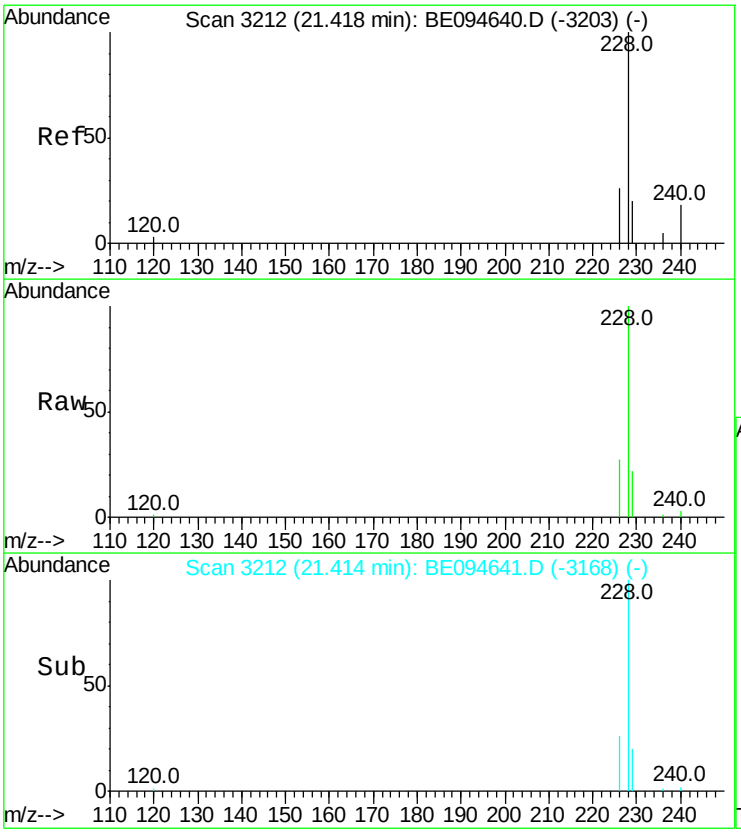
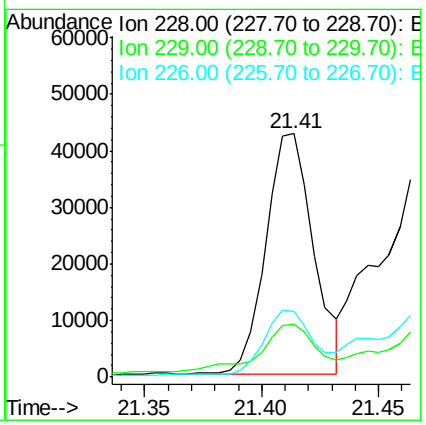


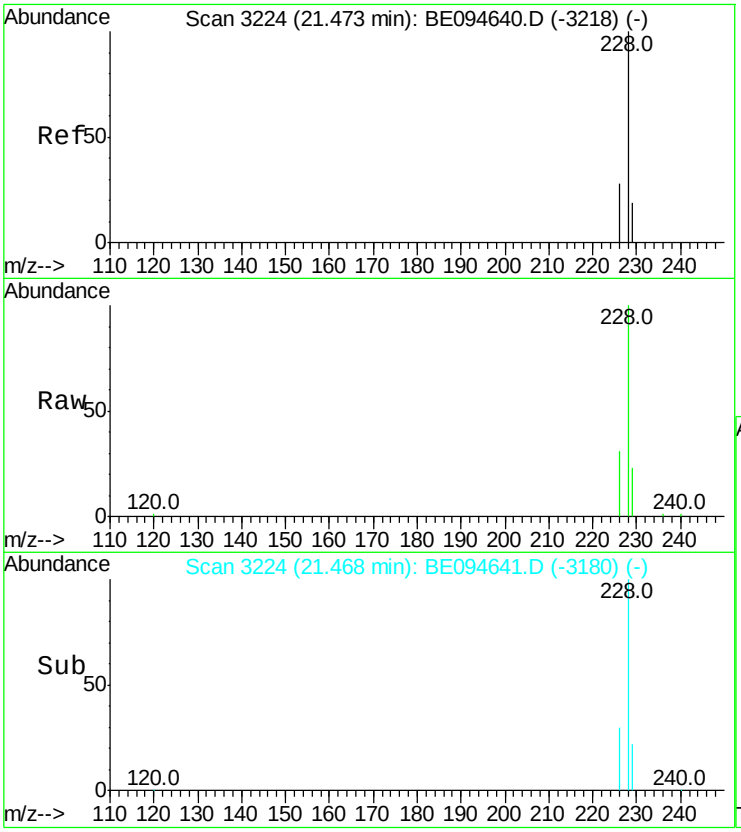


#18
Benzo(a)anthracene
Concen: 2.461 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:228 Resp: 60270

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	26.7	17.0	25.6#





#19
Chrysene
Concen: 2.791 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:228 Resp: 70671

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	23.5	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
C0AB9

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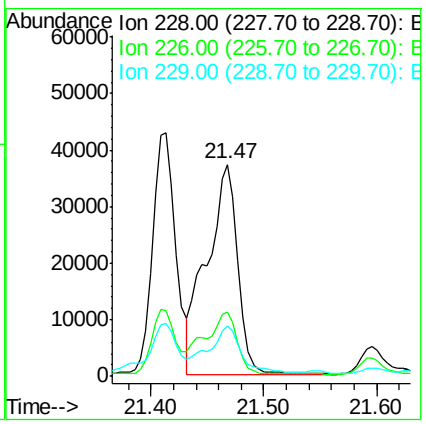
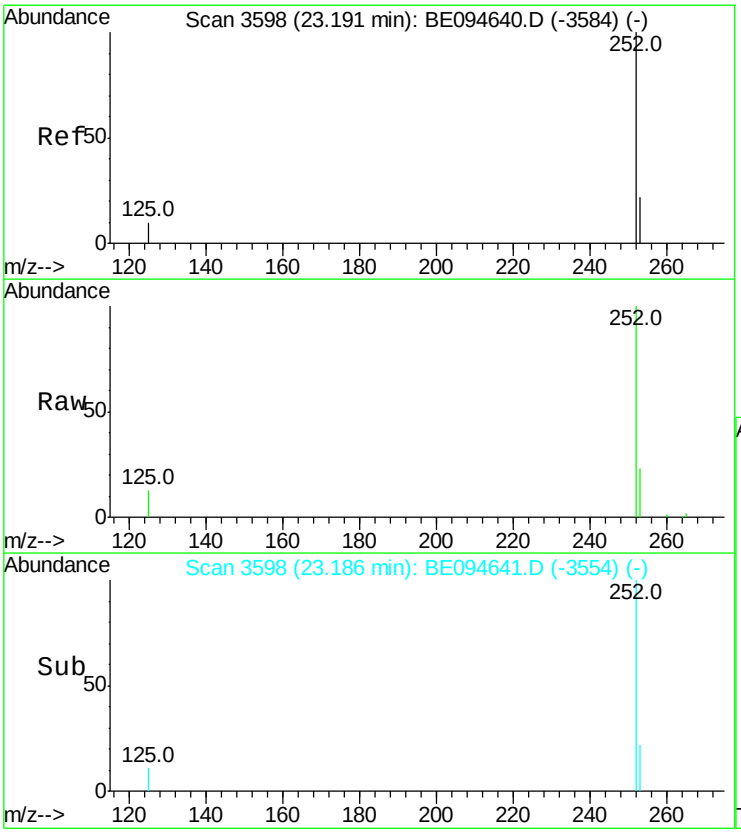
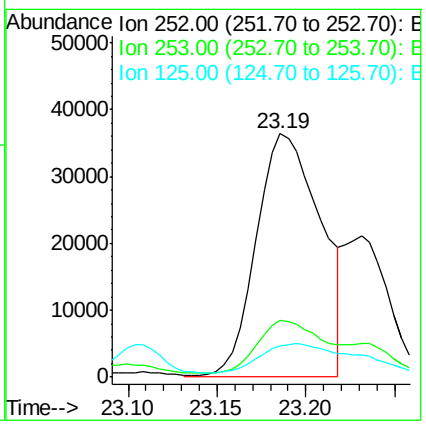


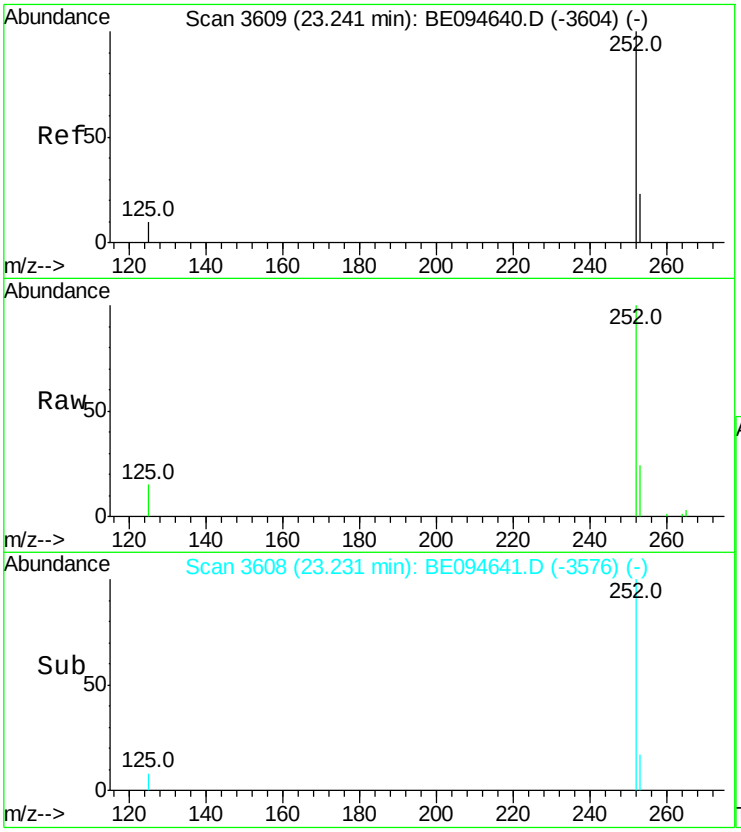


#21
Benzo(b)fluoranthene
Concen: 4.407 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:252 Resp: 91914

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	12.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.722 ng/ul m
RT: 23.23 min Scan# 3608
Delta R.T. -0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:252 Resp: 38493

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	15.5	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AB9

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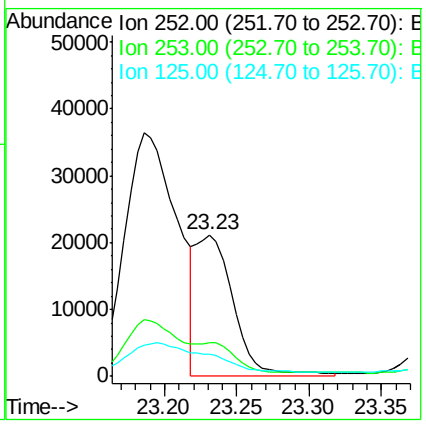
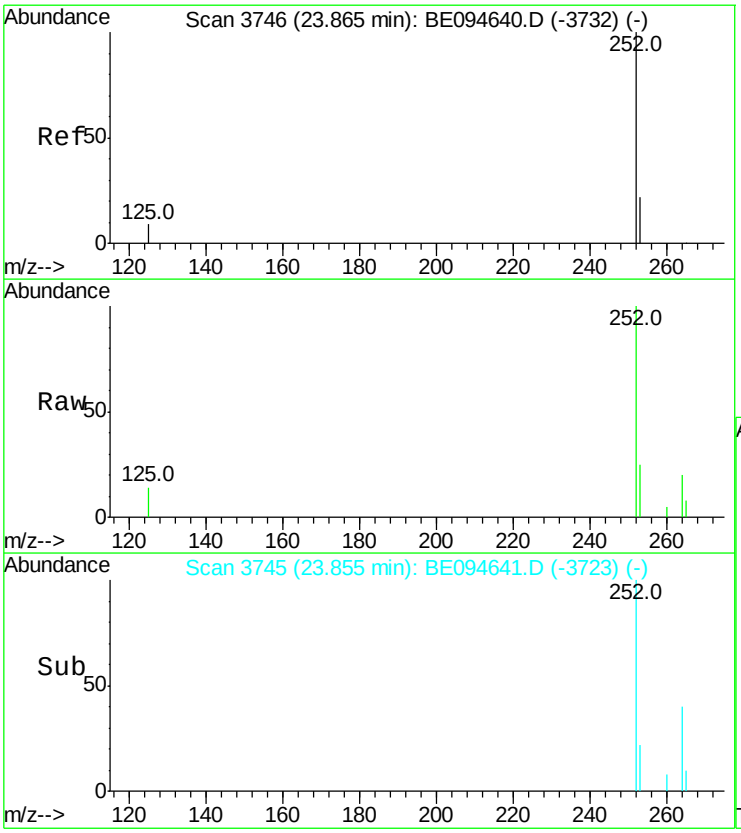
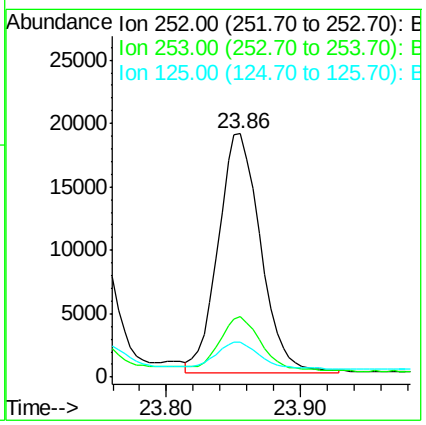


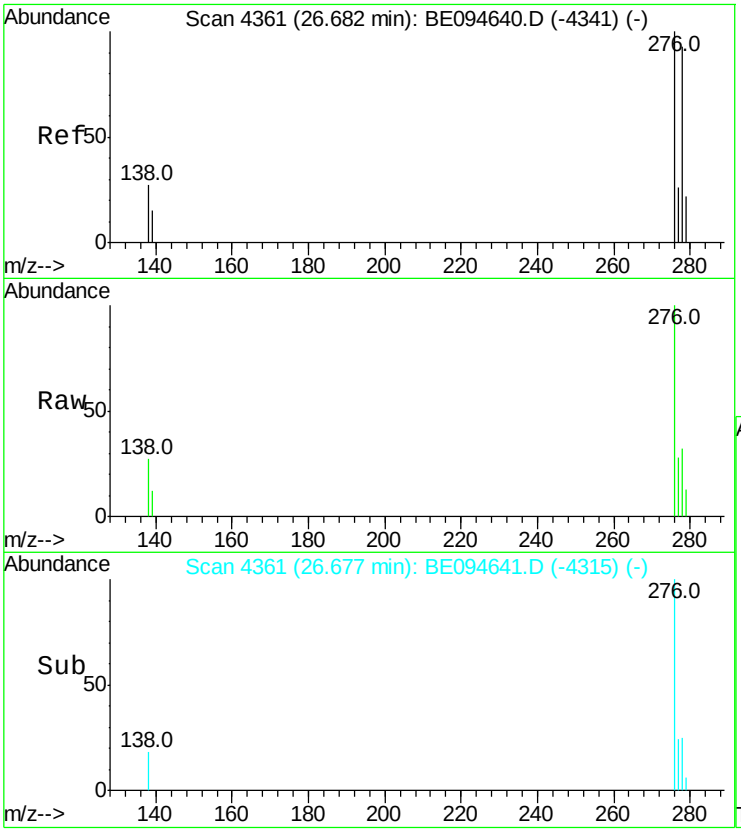


#23
Benzo(a)pyrene
Concen: 1.999 ng/ul m
RT: 23.86 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:252 Resp: 41678

Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	14.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.668 ng/ul m
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:276 Resp: 14416

Ion	Ratio	Lower	Upper
276	100		
138	3.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AB9

Manual Integrations APPROVED
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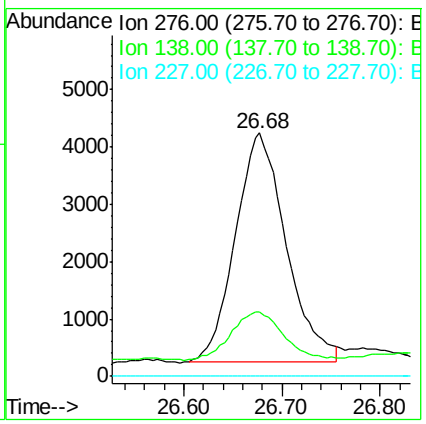
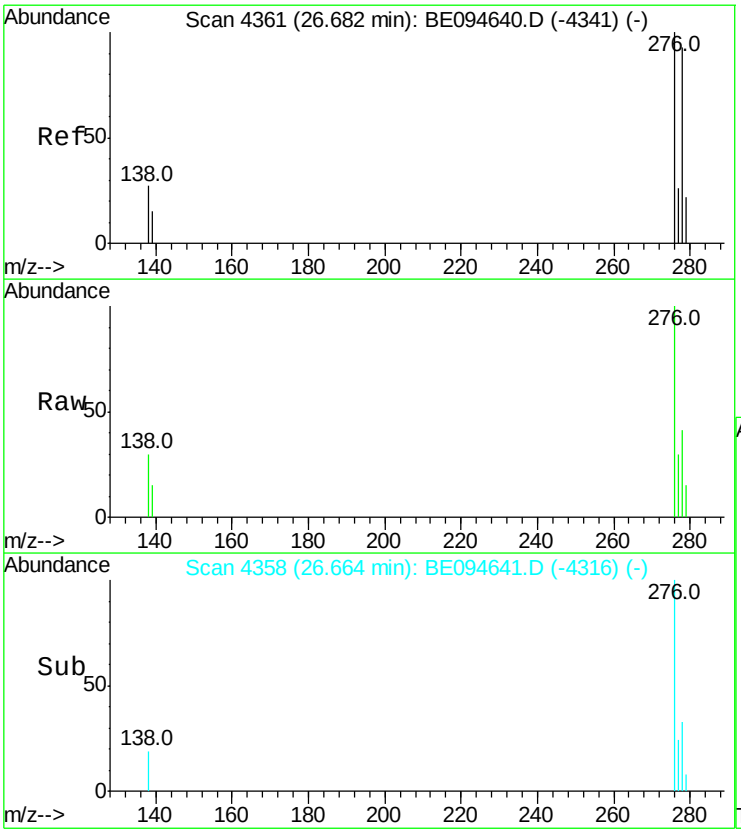
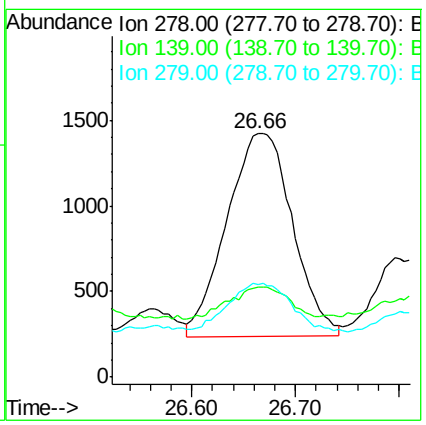


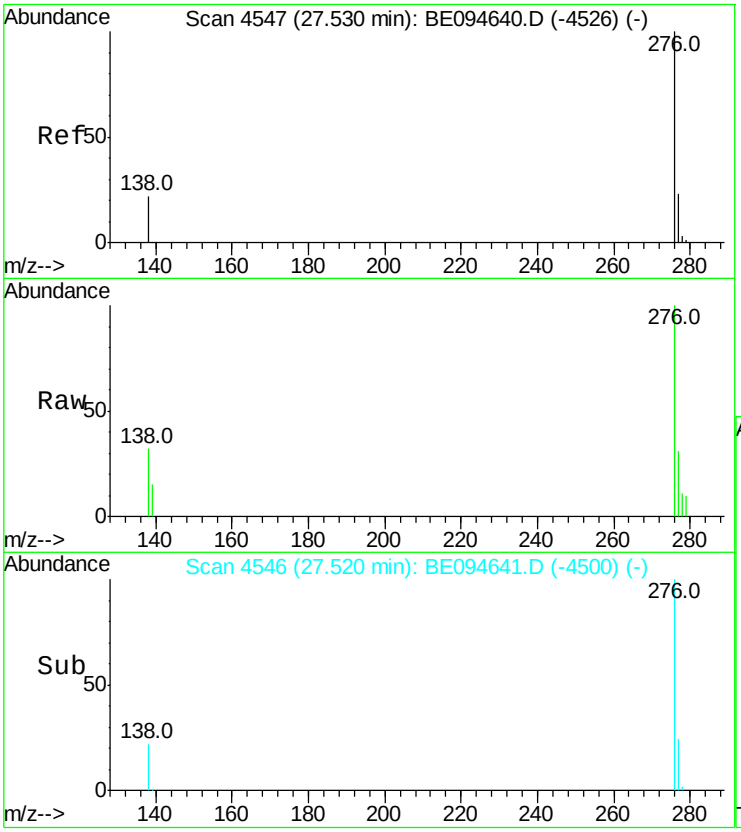


#25
Dibenzo(a,h)anthracene
Concen: 0.288 ng/ul m
RT: 26.66 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:278 Resp: 5232

Ion	Ratio	Lower	Upper
278	100		
139	36.9	17.4	26.0#
279	38.0	25.9	38.9

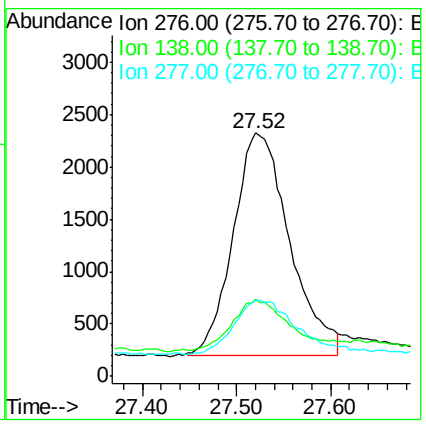




#26
Benzo(g,h,i)perylene
Concen: 0.511 ng/ul m
RT: 27.52 min Scan# 4546
Delta R.T. 0.01 min
Lab File: BE094641.D
Acq: 30 Oct 2017 10:52

Tgt Ion:276 Resp: 8849

Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.8
277	31.1	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
C0AB9

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