Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094860.D
Acq On : 23 Nov 2017 7:53
Operator : SJ/JU
Sample : I6496-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AB1

Manual Integrations APPROVED
Sohil
11/27/2017 3:26:19 PM

Quant Time: Nov 23 23:54:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 23:11:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	777	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.67	136	5428	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3823	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	9035	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9256	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10183	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2040	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6786	0.22	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.72	128	481	0.037	ng/ul#	69
5) 2-Methylnaphthalene	12.36	142	451	0.050	ng/ul	96
7) Acenaphthylene	14.23	152	593	0.034	ng/ul#	75
9) Fluorene	15.55	166	430	0.029	ng/ul#	90
12) Phenanthrene	17.27	178	8173	0.337	ng/ul#	90
13) Anthracene	17.36	178	1750	0.071	ng/ul#	89
15) Fluoranthene	19.30	202	19032	0.598	ng/ul	84
17) Pyrene	19.66	202	17805	0.615	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	10411	0.370	ng/ul#	88
19) Chrysene	21.46	228	10190	0.363	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	12717m	0.419	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	4569m	0.142	ng/ul	
23) Benzo(a)pyrene	23.83	252	8731	0.289	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.66	276	5214	0.159	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	1372	0.050	ng/ul#	74
26) Benzo(g,h,i)perylene	27.51	276	4238	0.154	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094860.D
Acq On : 23 Nov 2017 7:53
Operator : SJ/JU
Sample : I6496-20
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 23 23:54:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 23:11:00 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations APPROVED
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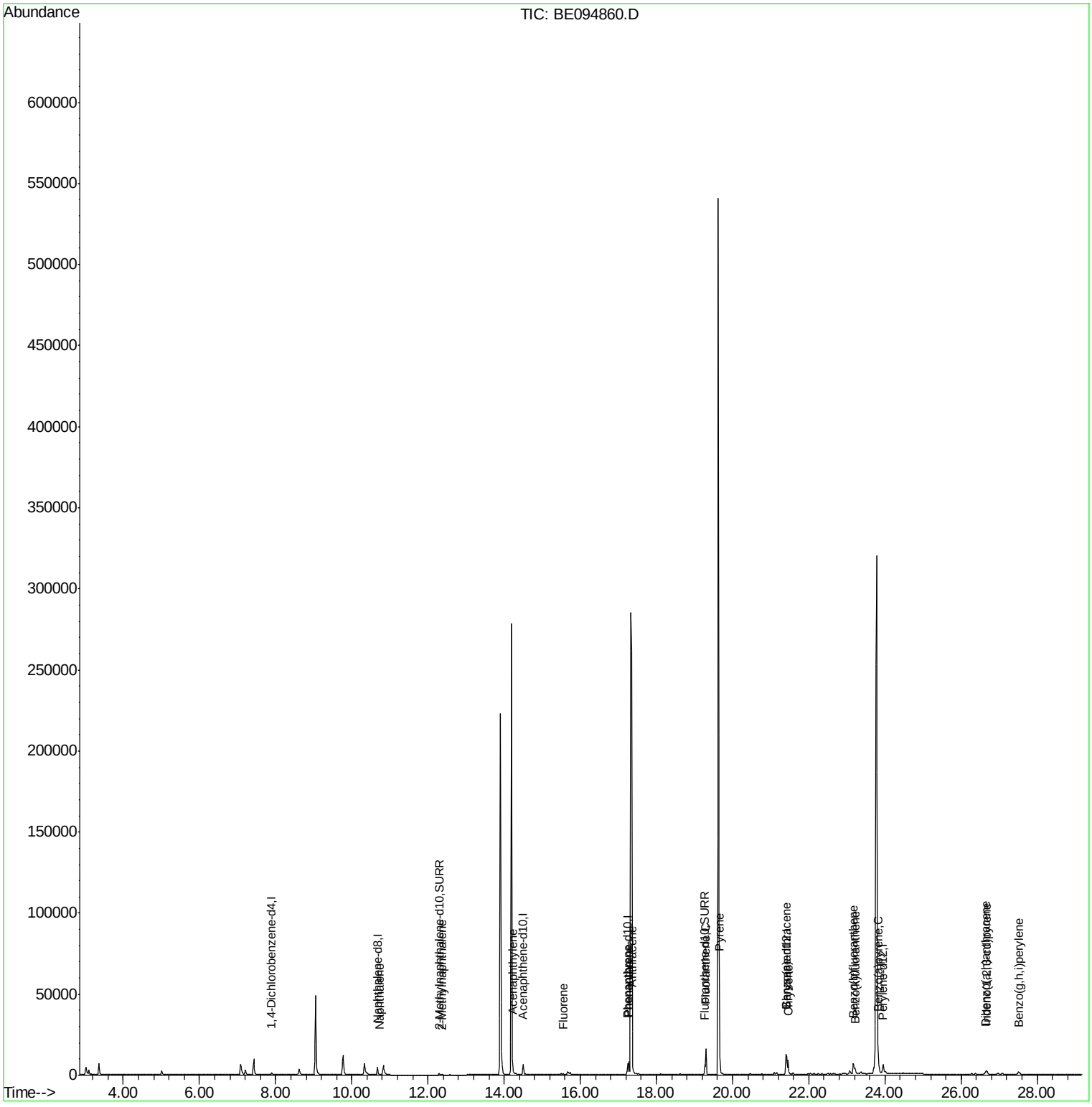
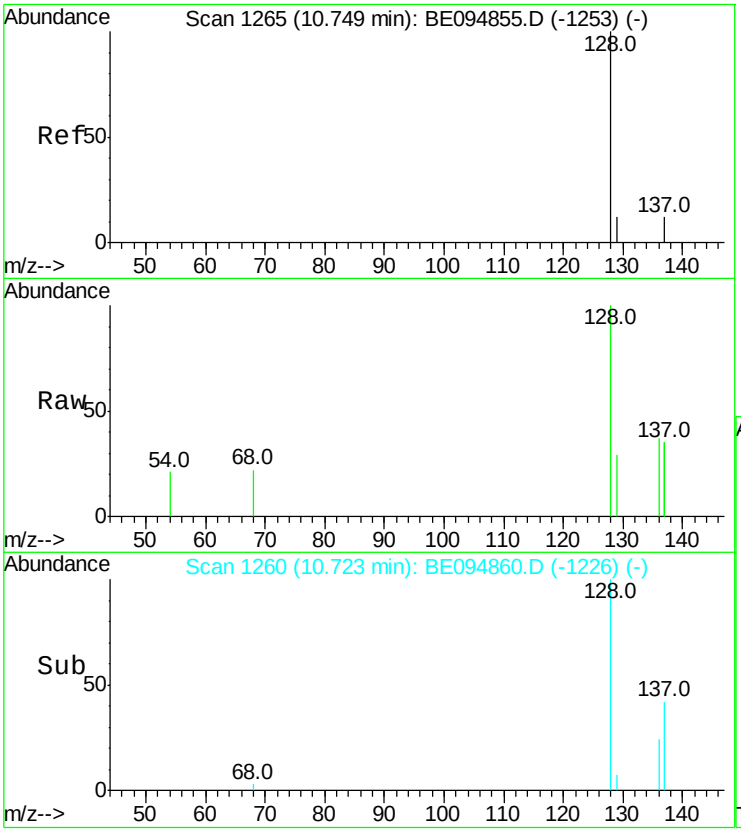
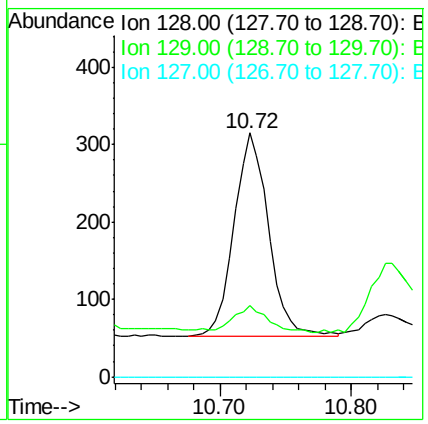




#3
Naphthalene
Concen: 0.037 ng/ul
RT: 10.72 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:128 Resp: 481

Ion	Ratio	Lower	Upper
128	100		
129	29.2	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AB1

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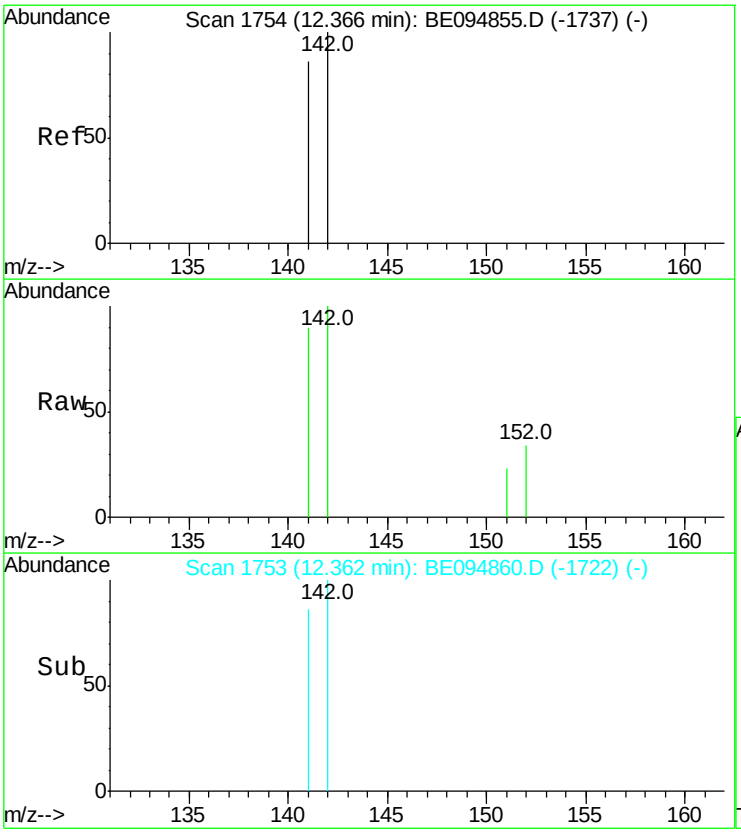
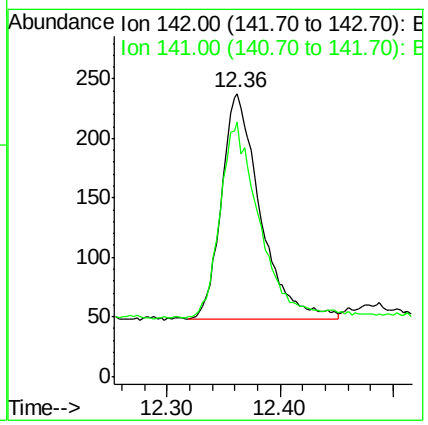
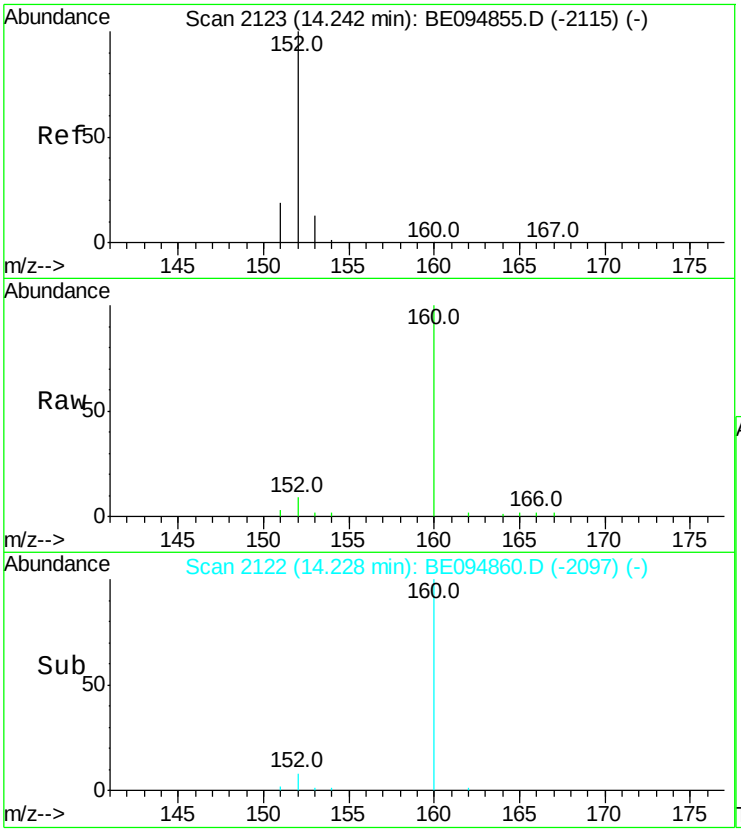


#5
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:142 Resp: 451

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.6	108.8

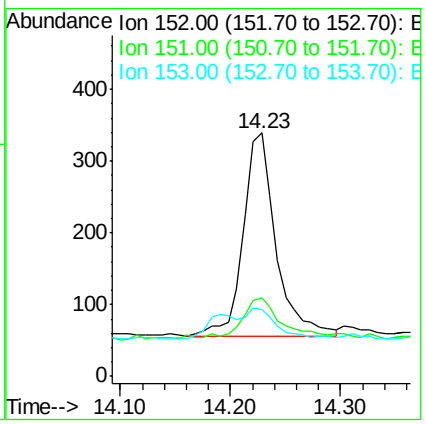




#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.23 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:152 Resp: 593

Ion	Ratio	Lower	Upper
152	100		
151	32.4	17.1	25.7#
153	27.4	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AB1

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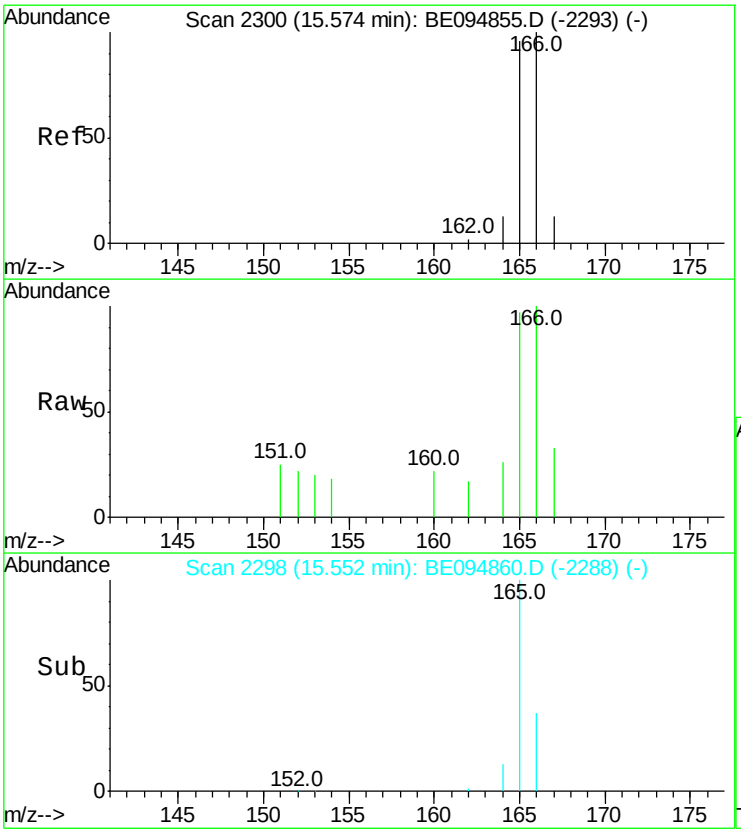
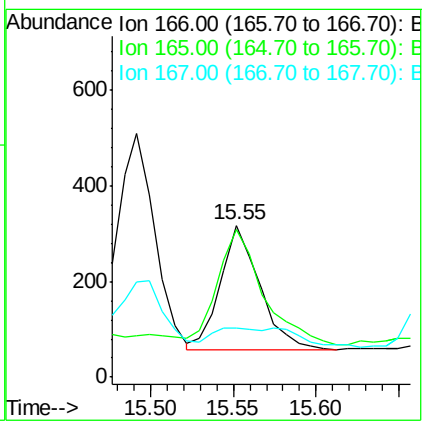
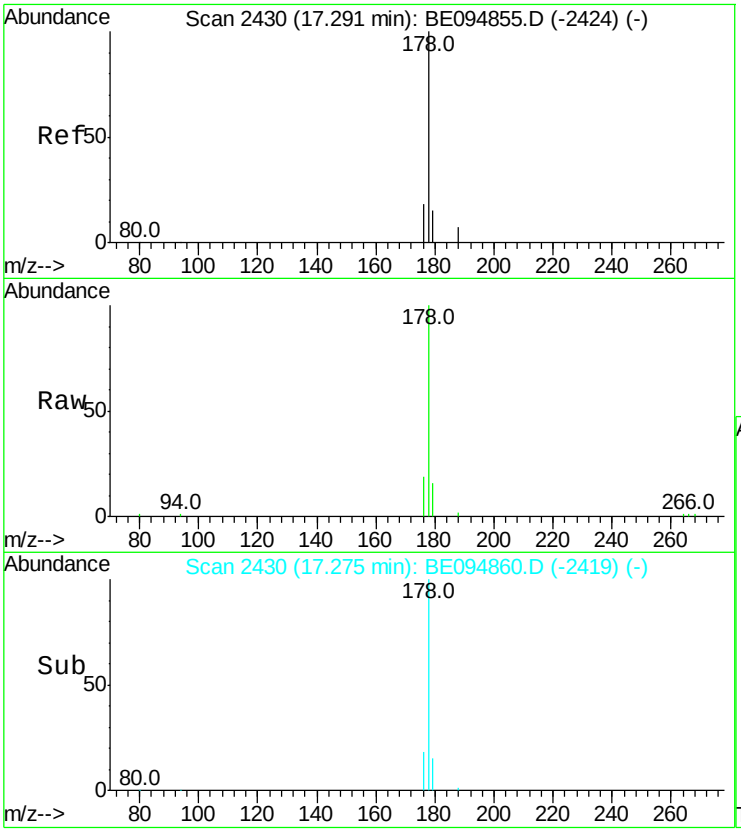


#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.55 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:166 Resp: 430

Ion	Ratio	Lower	Upper
166	100		
165	97.2	73.4	110.2
167	32.7	14.6	22.0#

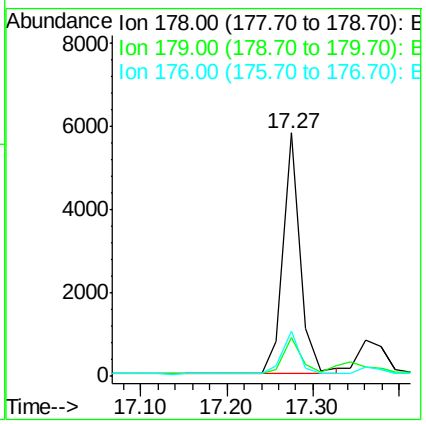




#12
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:178 Resp: 8173

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	18.5	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations APPROVED
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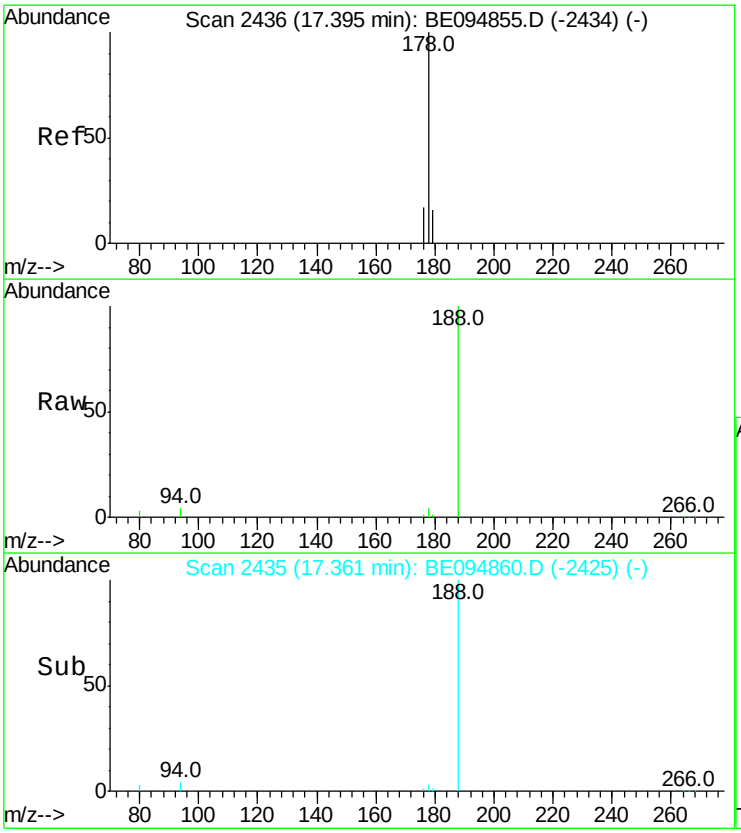
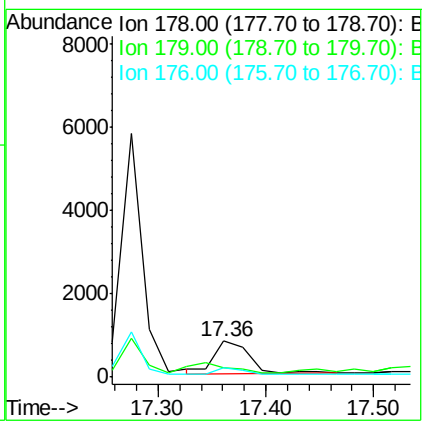
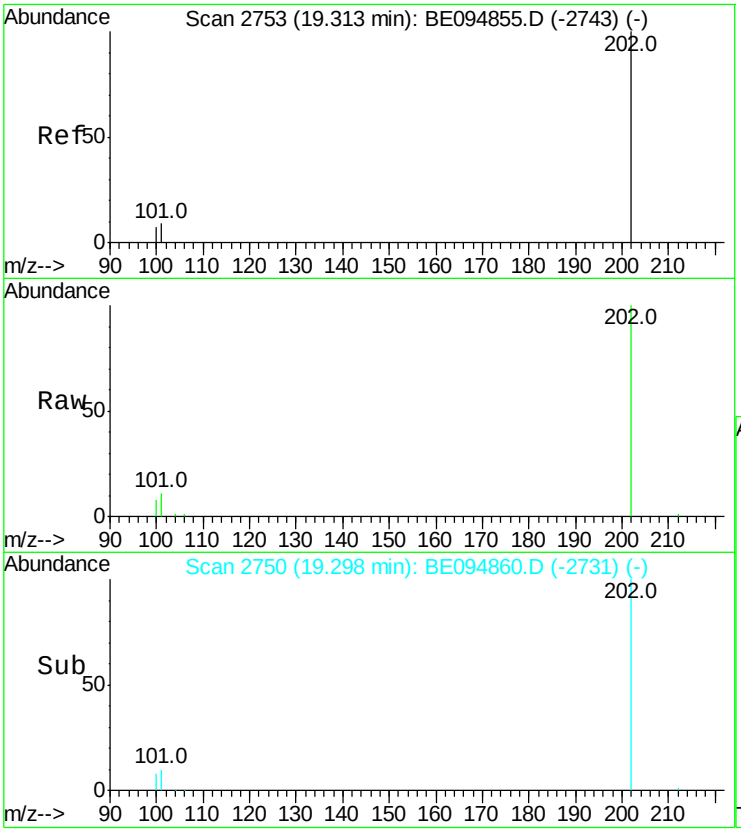


#13
Anthracene
Concen: 0.071 ng/ul
RT: 17.36 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:178 Resp: 1750

Ion	Ratio	Lower	Upper
178	100		
179	26.9	18.1	27.1
176	24.5	14.7	22.1#

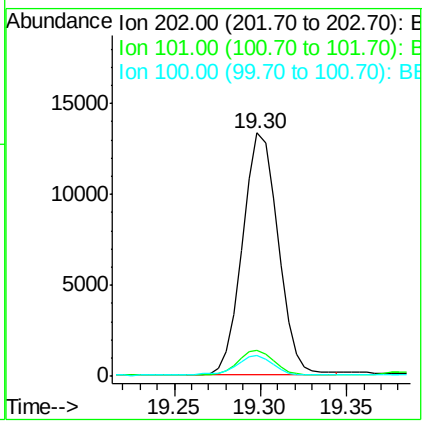




#15
Fluoranthene
Concen: 0.598 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:202 Resp: 19032

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.4	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AB1

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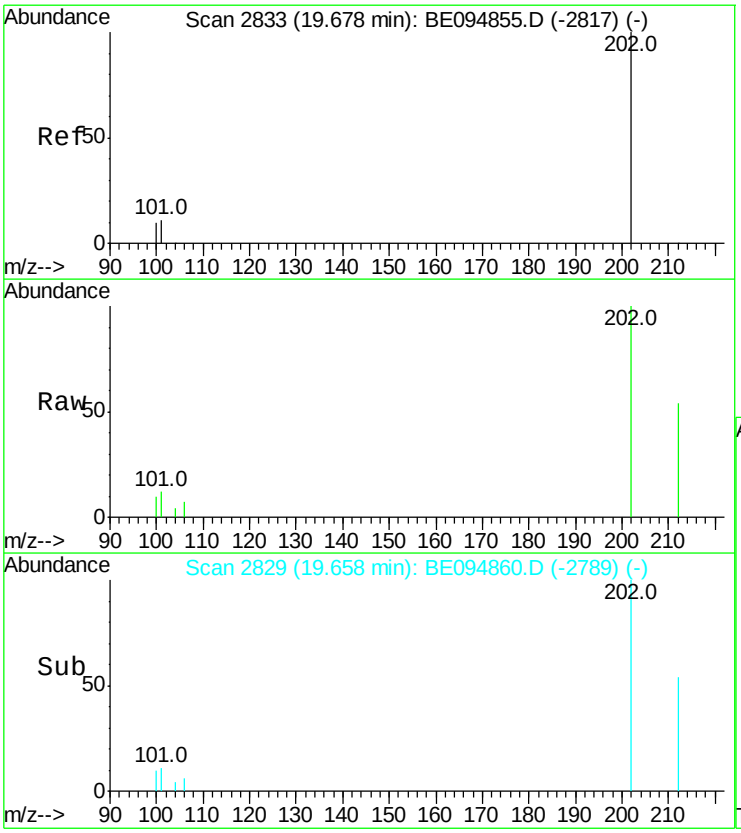
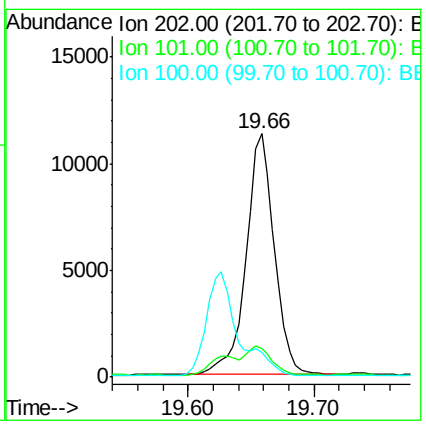
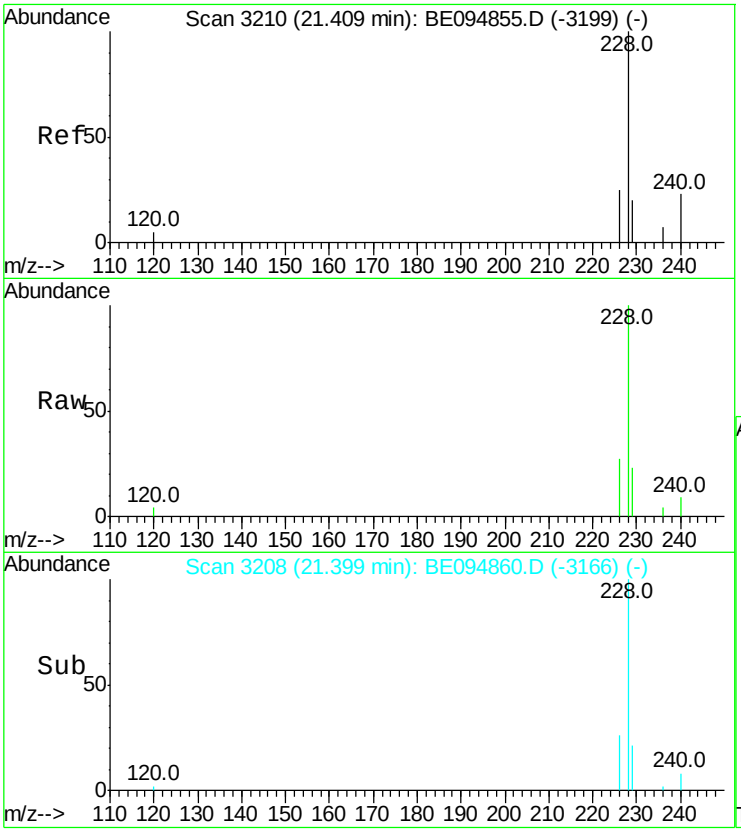


#17
Pyrene
Concen: 0.615 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:202 Resp: 17805

Ion	Ratio	Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.2	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:228 Resp: 10411

Ion	Ratio	Lower	Upper
228	100		
229	22.9	22.8	34.2
226	27.5	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AB1

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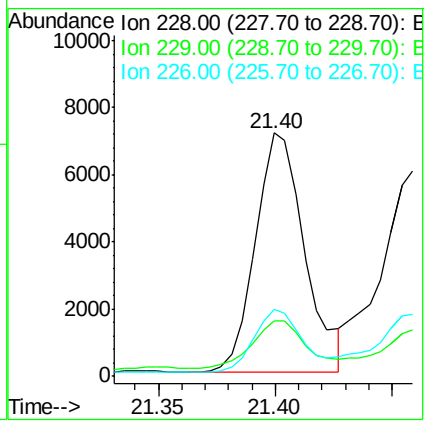
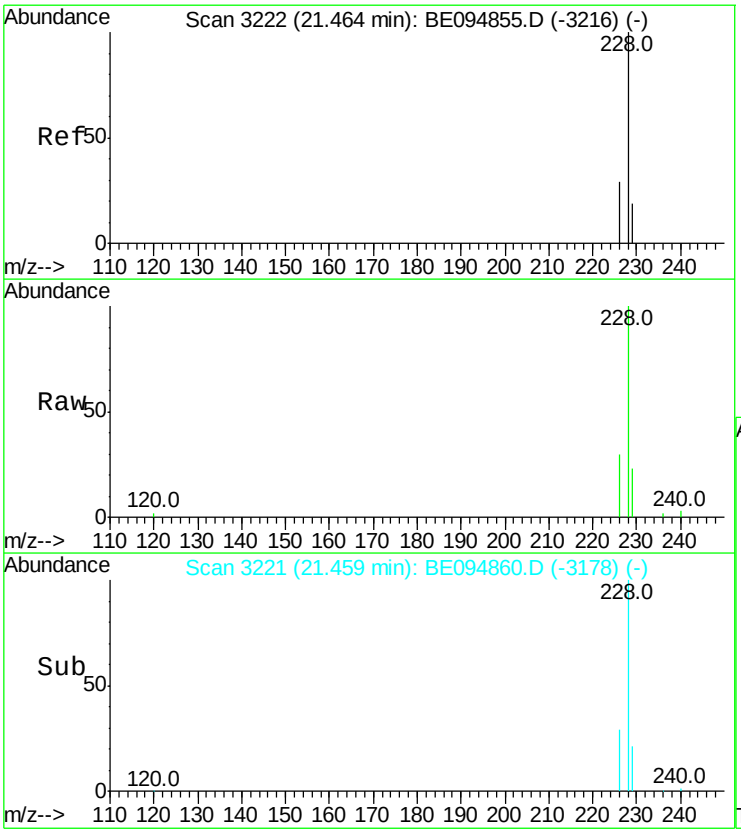
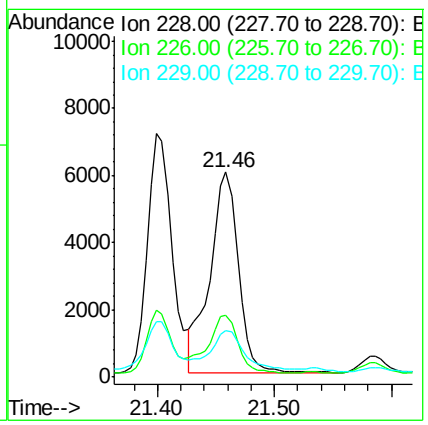


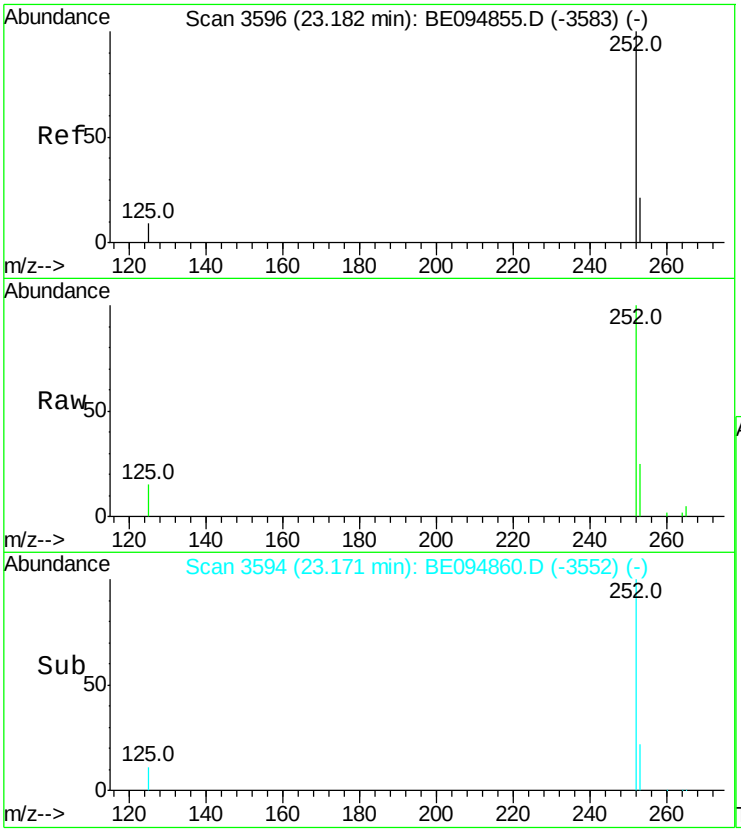


#19
Chrysene
Concen: 0.363 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:228 Resp: 10190

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	22.9	17.7	26.5

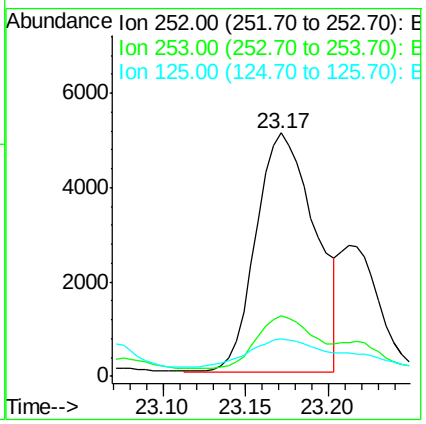




#21
Benzo(b)fluoranthene
Concen: 0.419 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:252 Resp: 12717

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	15.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AB1

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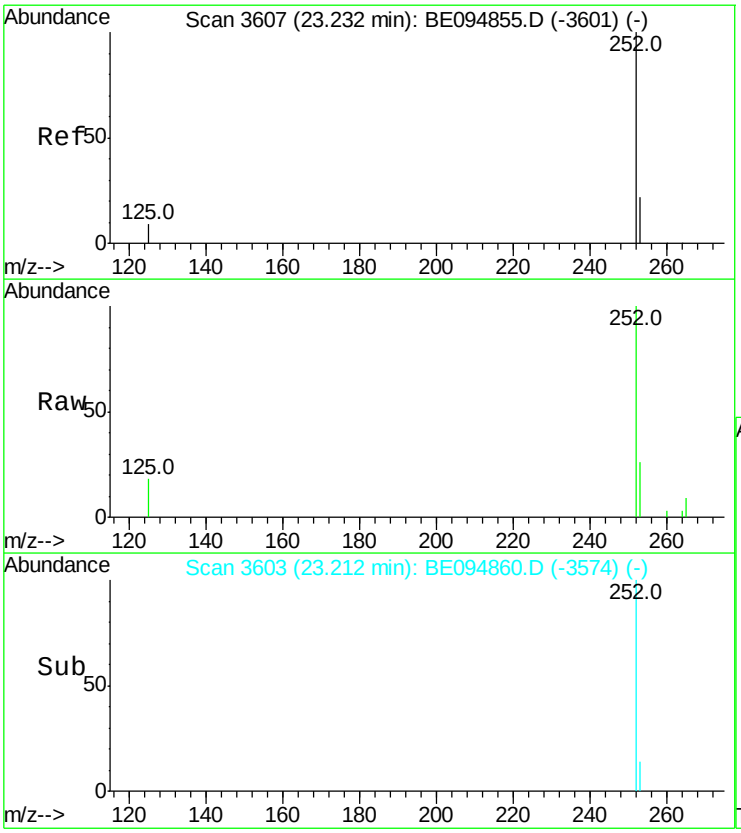
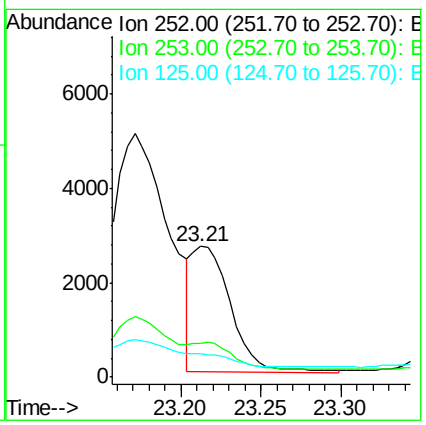
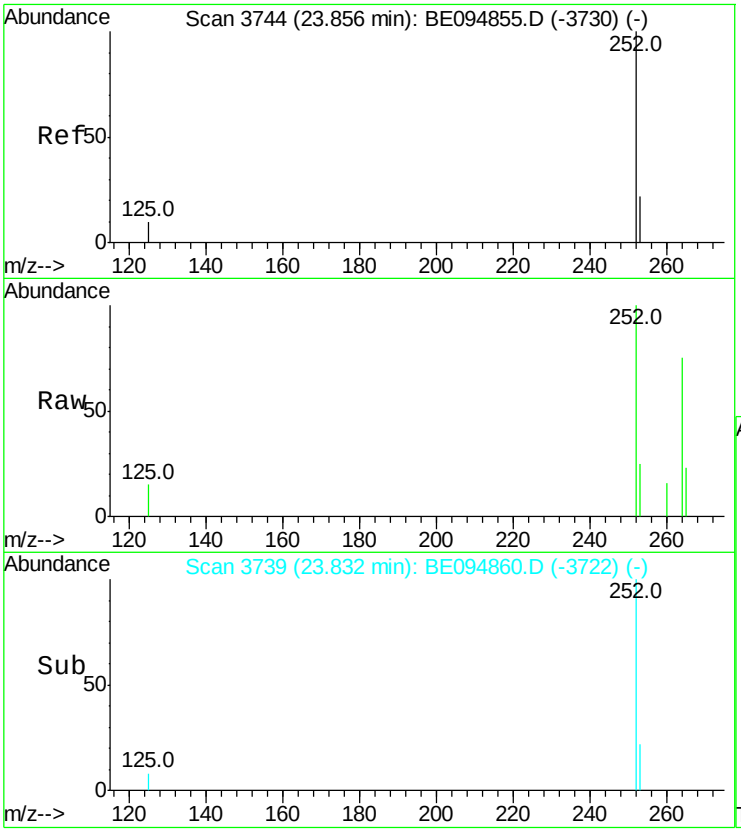


#22
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:252 Resp: 4569

Ion	Ratio	Lower	Upper
252	100		
253	26.2	24.5	36.7
125	18.4	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:252 Resp: 8731

Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7#
125	15.3	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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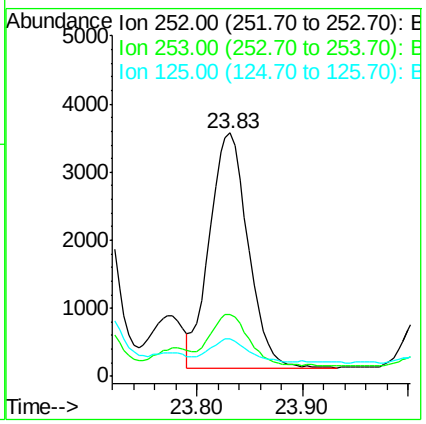
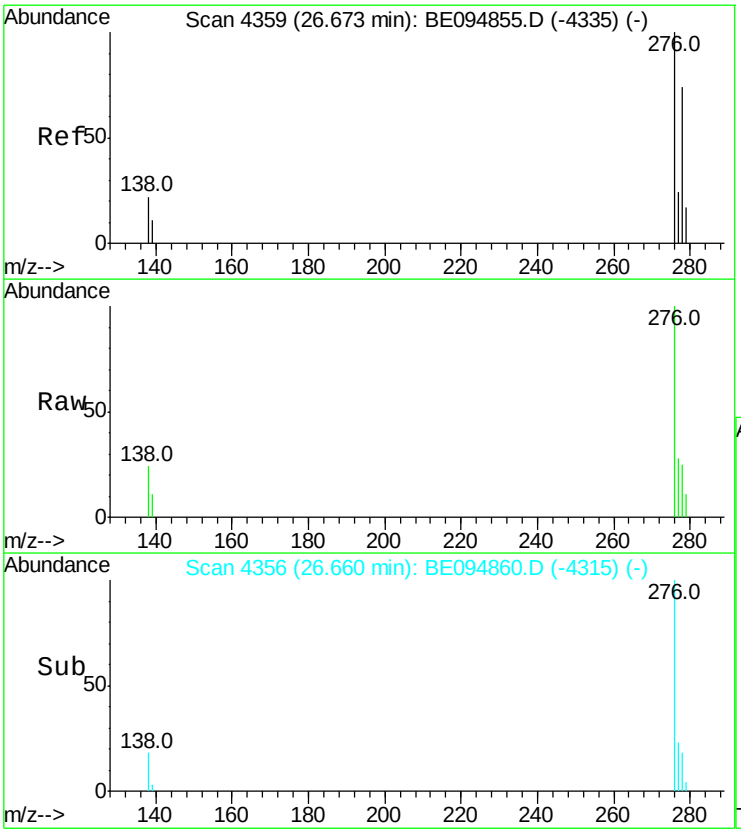
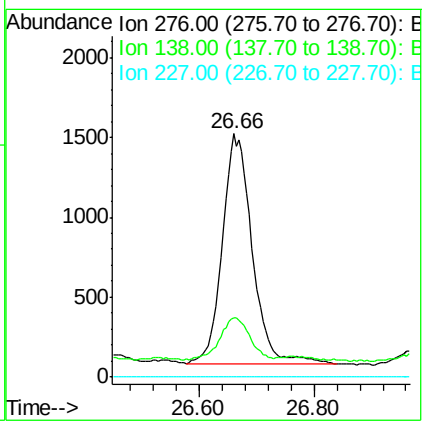


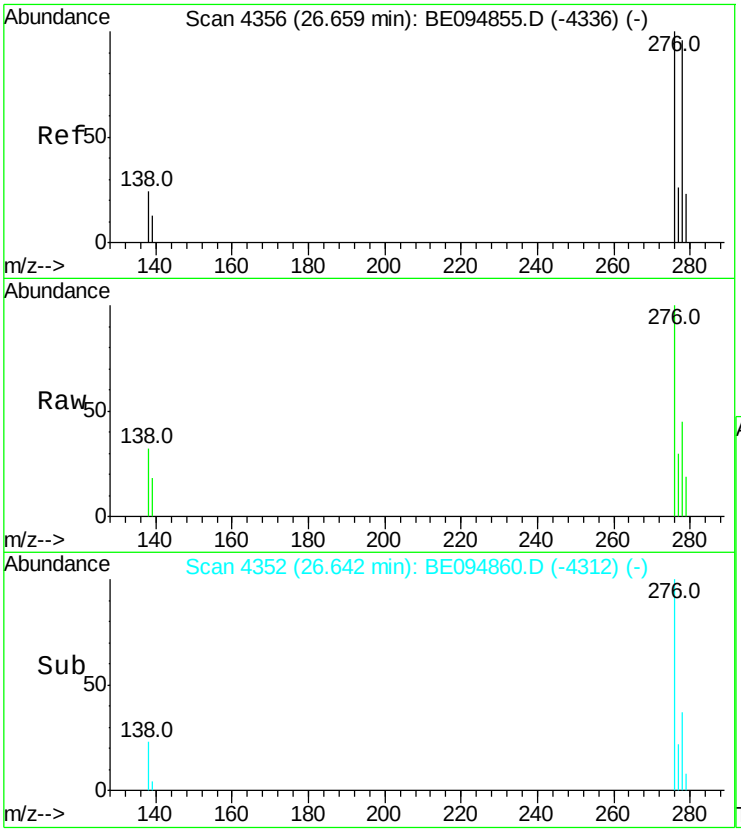


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.159 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:276 Resp: 5214

Ion	Ratio	Lower	Upper
276	100		
138	19.2	28.0	42.0#
227	0.0	8.0	12.0#





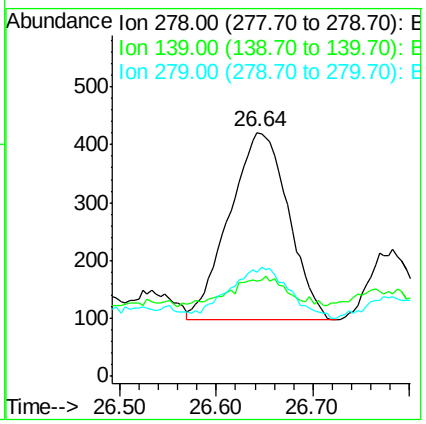
#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.64 min Scan# 4352
Delta R.T. -0.02 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

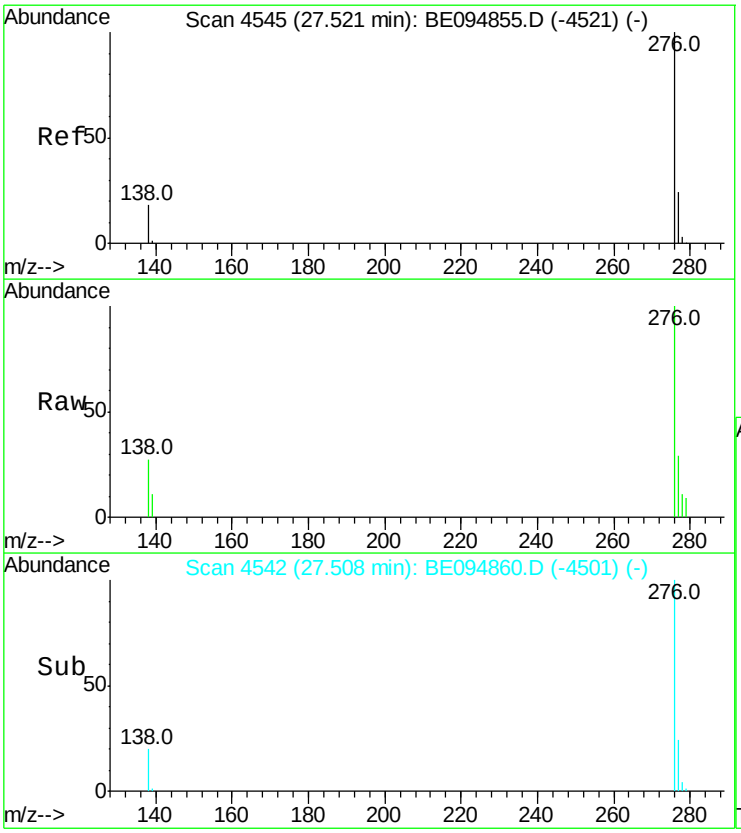
Tgt Ion:278 Resp: 1372

Ion	Ratio	Lower	Upper
278	100		
139	39.2	17.4	26.0#
279	42.5	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
C0AB1

Manual Integrations APPROVED
Sohil
11/27/2017 3:26:19 PM





#26
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 27.51 min Scan# 4542
Delta R.T. -0.01 min
Lab File: BE094860.D
Acq: 23 Nov 2017 7:53

Tgt Ion:276 Resp: 4238

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.8
277	29.4	20.5	30.7