Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094381.D
Acq On : 15 Oct 2017 7:03
Operator : SJ/JU
Sample : I5548-10DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:49 PM

Quant Time: Oct 16 06:28:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 05:09:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9329	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5580	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13047	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12694	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12337	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	602	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1563	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	1292	0.057	ng/ul#	84
5) 2-Methylnaphthalene	12.36	142	809	0.055	ng/ul	97
7) Acenaphthylene	14.24	152	1028	0.047	ng/ul#	86
8) Acenaphthene	14.58	153	821	0.046	ng/ul	99
9) Fluorene	15.57	166	910	0.043	ng/ul#	86
12) Phenanthrene	17.29	178	26251	0.770	ng/ul#	87
13) Anthracene	17.38	178	4011	0.121	ng/ul#	92
15) Fluoranthene	19.31	202	56179	1.254	ng/ul	84
17) Pyrene	19.67	202	48449	1.372	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	25056	0.744	ng/ul#	90
19) Chrysene	21.46	228	27317	0.702	ng/ul	96
21) Benzo(b)fluoranthene	23.17	252	35988m	1.074	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	11191m	0.289	ng/ul	
23) Benzo(a)pyrene	23.83	252	21583	0.620	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.62	276	15810	0.444	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	4145	0.139	ng/ul#	59
26) Benzo(g,h,i)perylene	27.46	276	13250	0.431	ng/ul	93

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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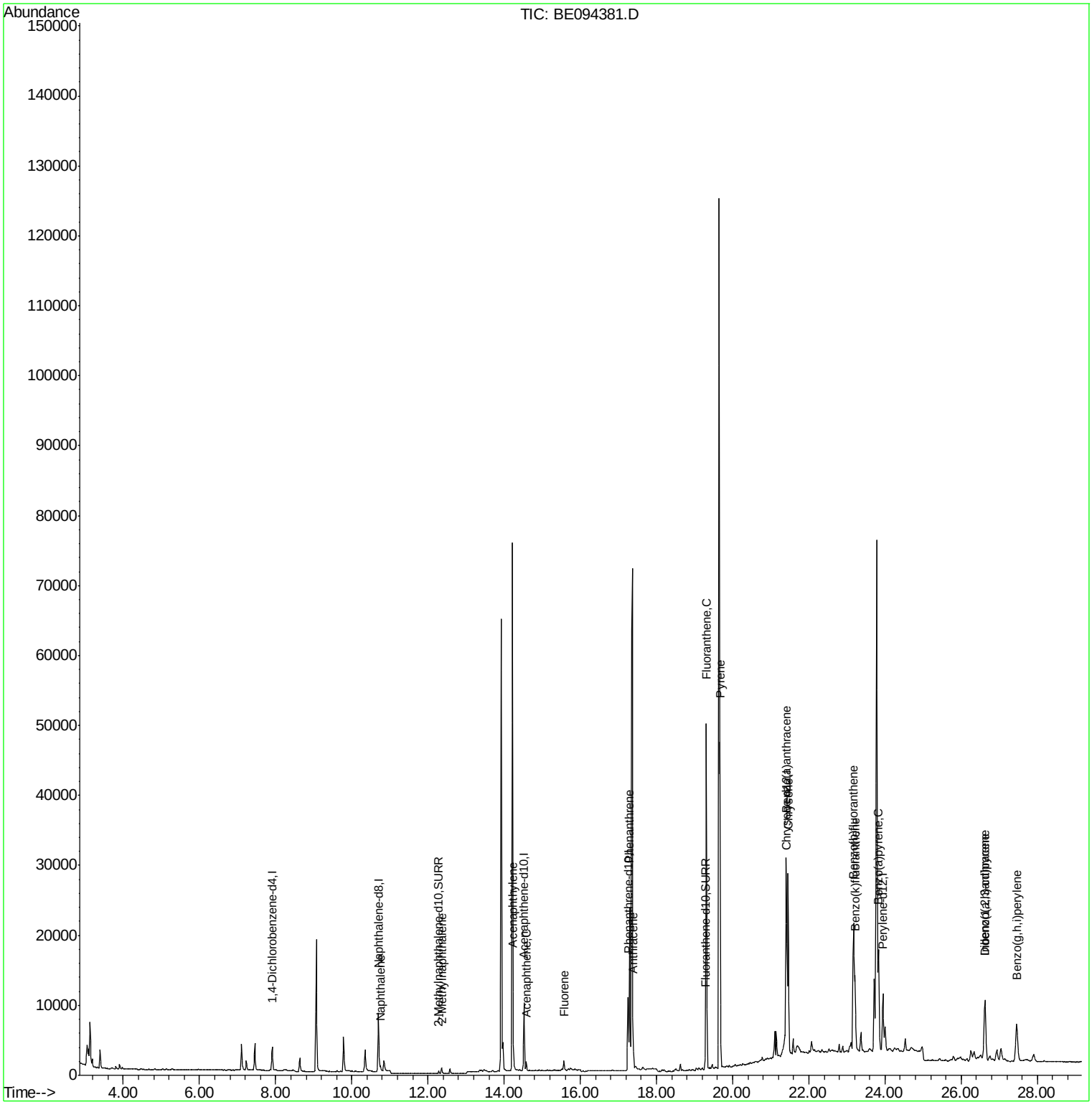

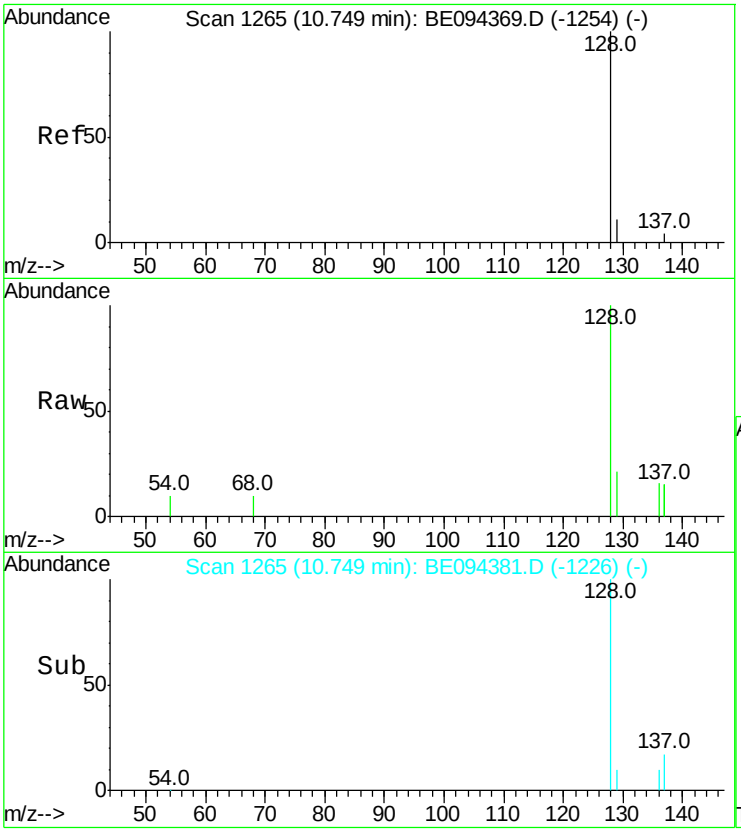

#3
Naphthalene
Concen: 0.057 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:128 Resp: 1292

Ion	Ratio	Lower	Upper
128	100		
129	20.6	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
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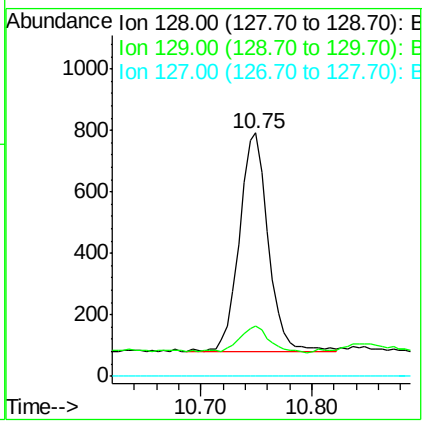
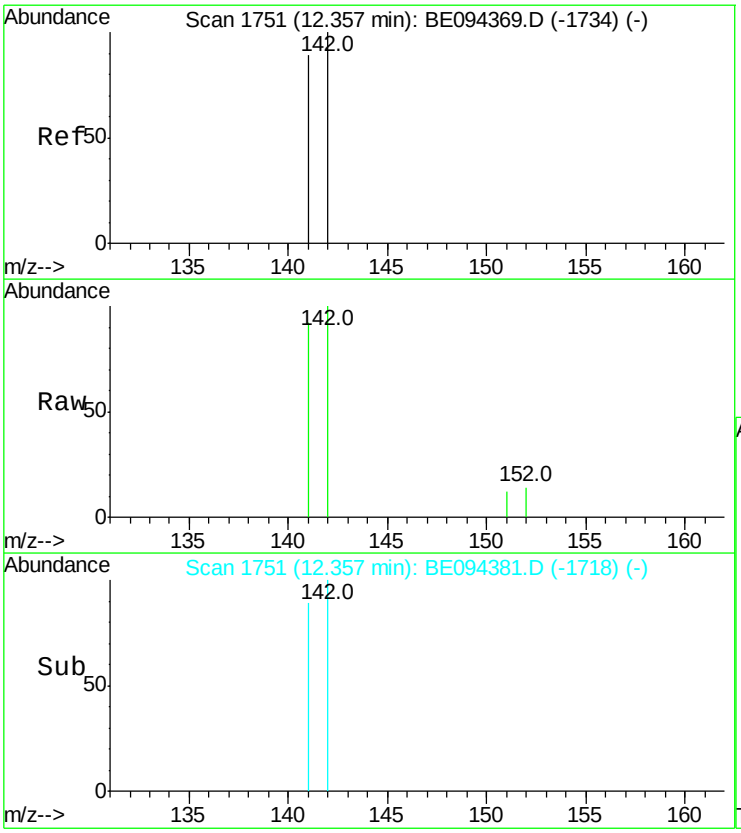
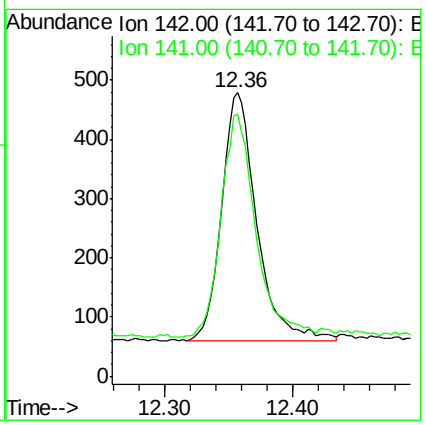


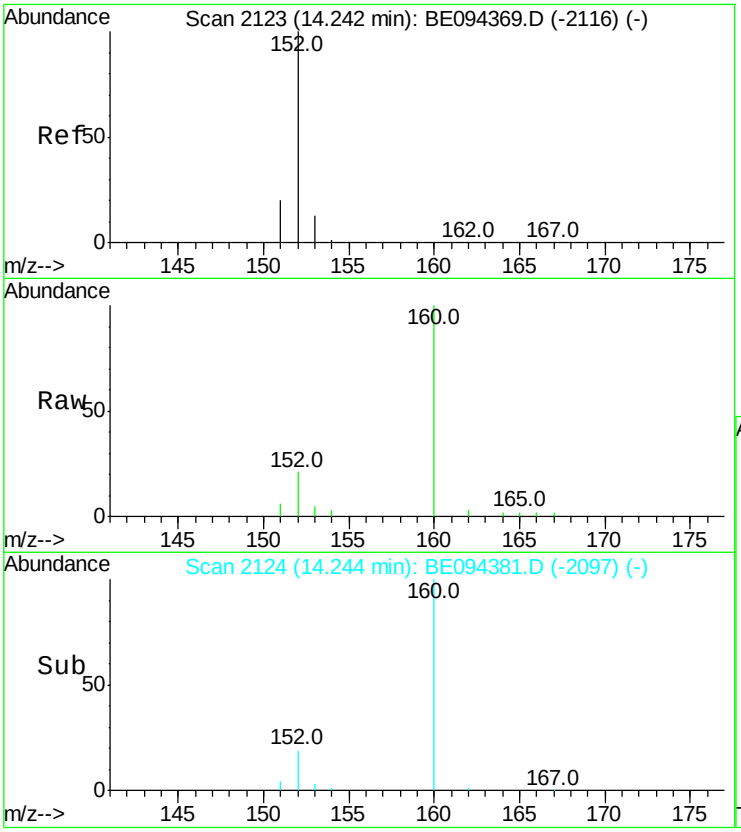


#5
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:142 Resp: 809

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:152 Resp: 1028

Ion	Ratio	Lower	Upper
152	100		
151	27.1	17.1	25.7#
153	22.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
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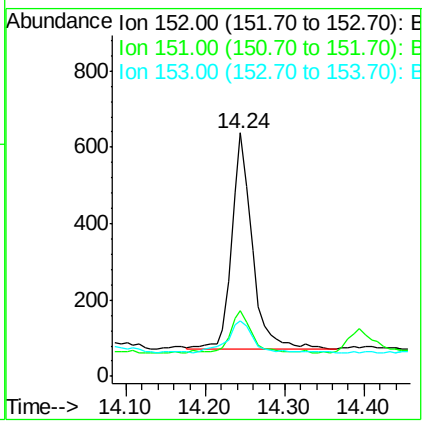
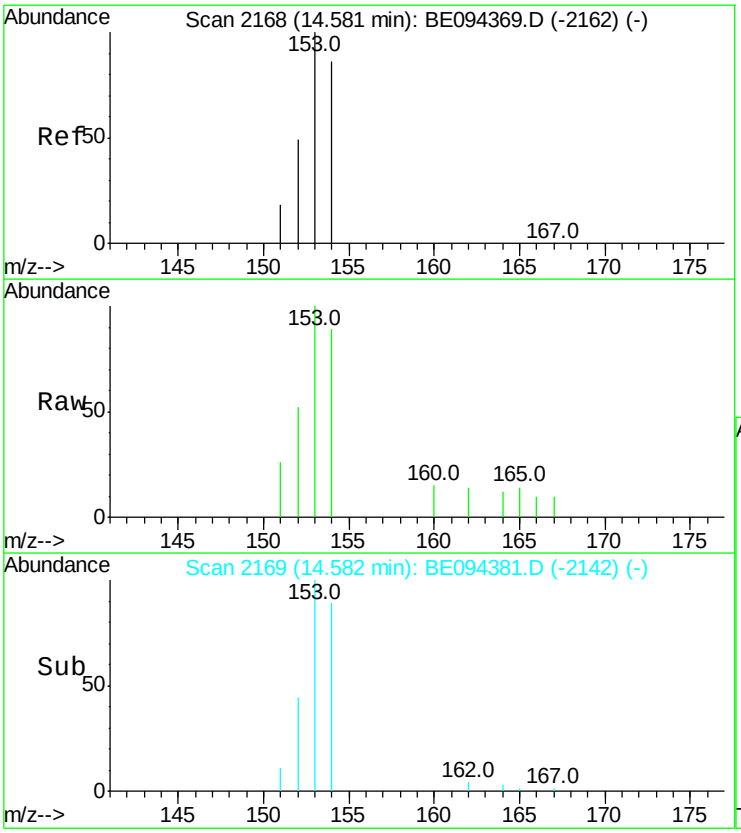
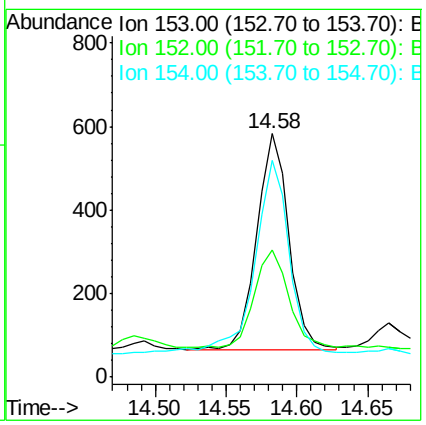


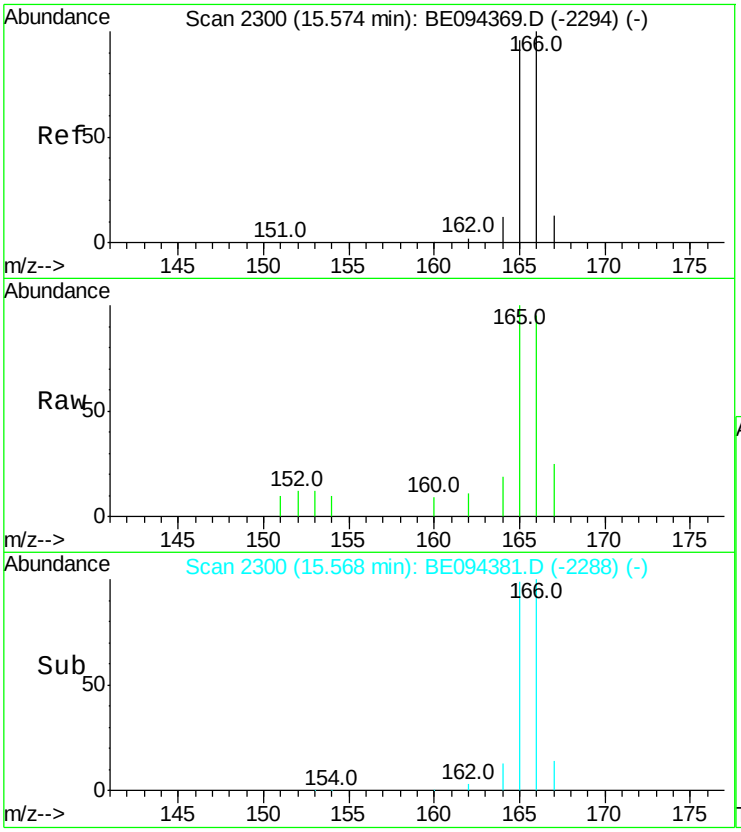


#8
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:153 Resp: 821

Ion	Ratio	Lower	Upper
153	100		
152	52.1	40.3	60.5
154	89.0	71.4	107.2

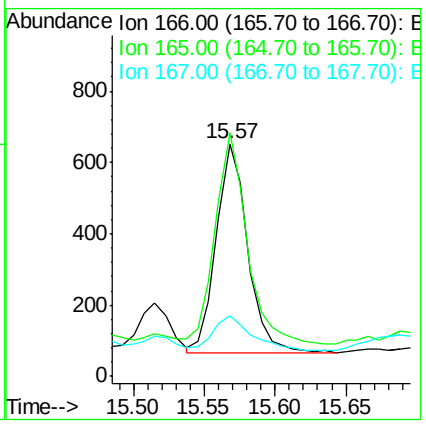




#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:166 Resp: 910

Ion	Ratio	Lower	Upper
166	100		
165	104.8	73.4	110.2
167	25.9	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AC8DL

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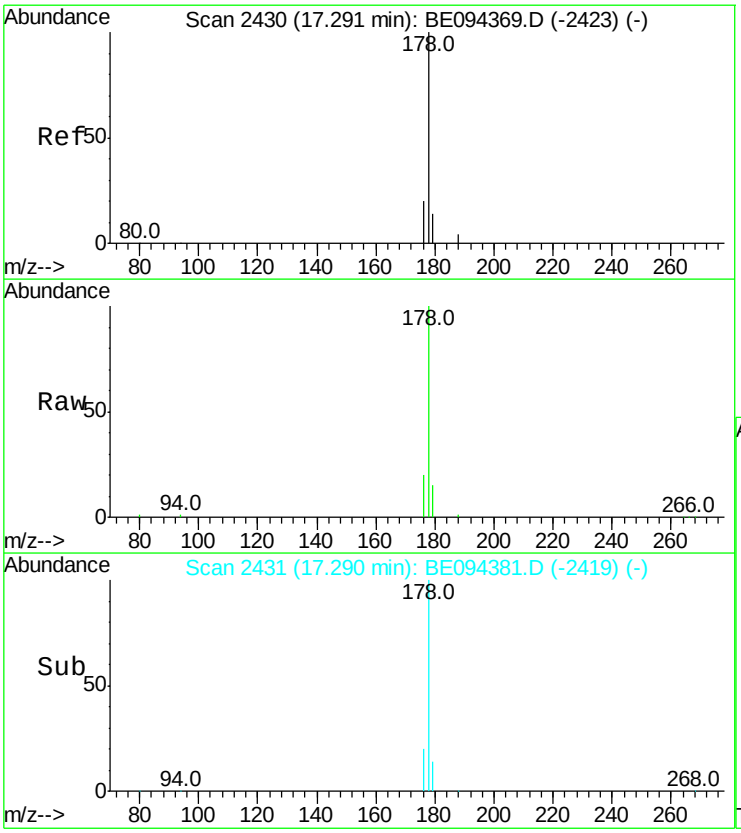
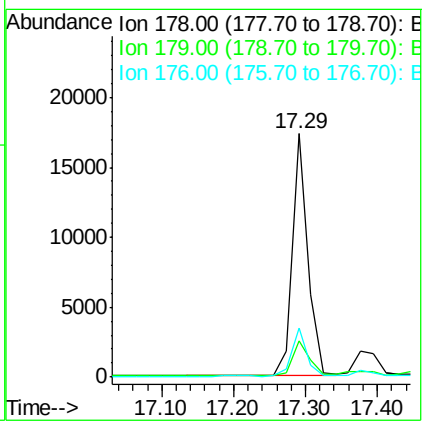
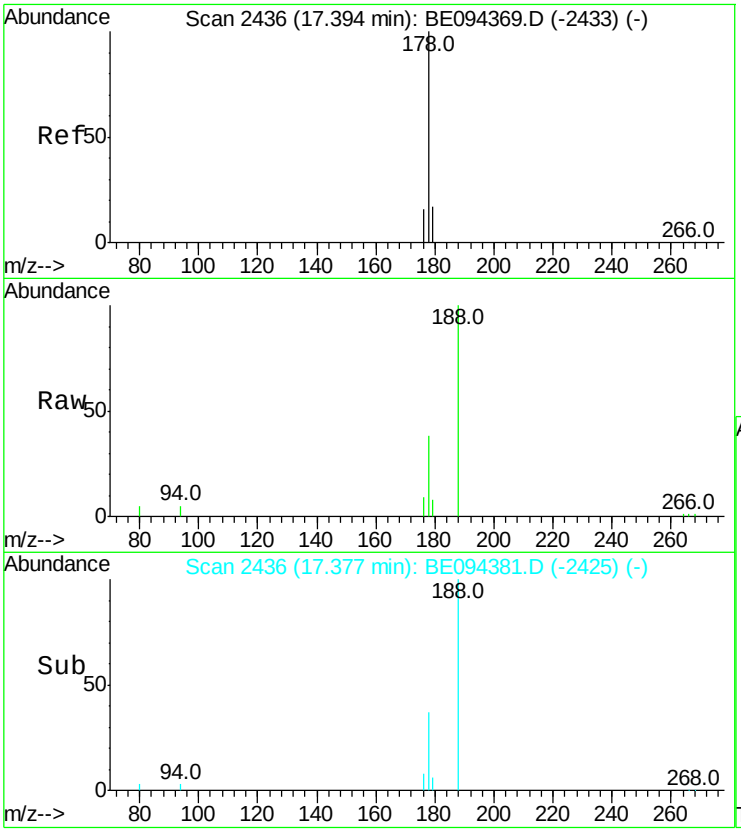


#12
Phenanthrene
Concen: 0.770 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:178 Resp: 26251

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.9	13.6	20.4

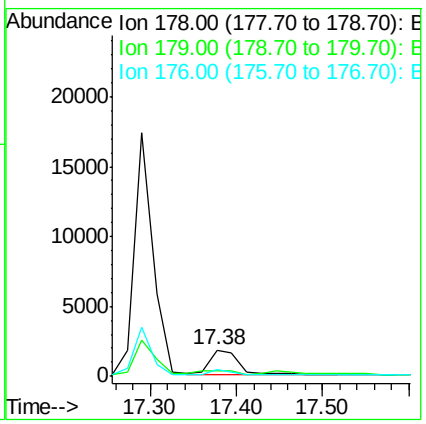




#13
Anthracene
Concen: 0.121 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:178 Resp: 4011

Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.1	27.1
176	24.1	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
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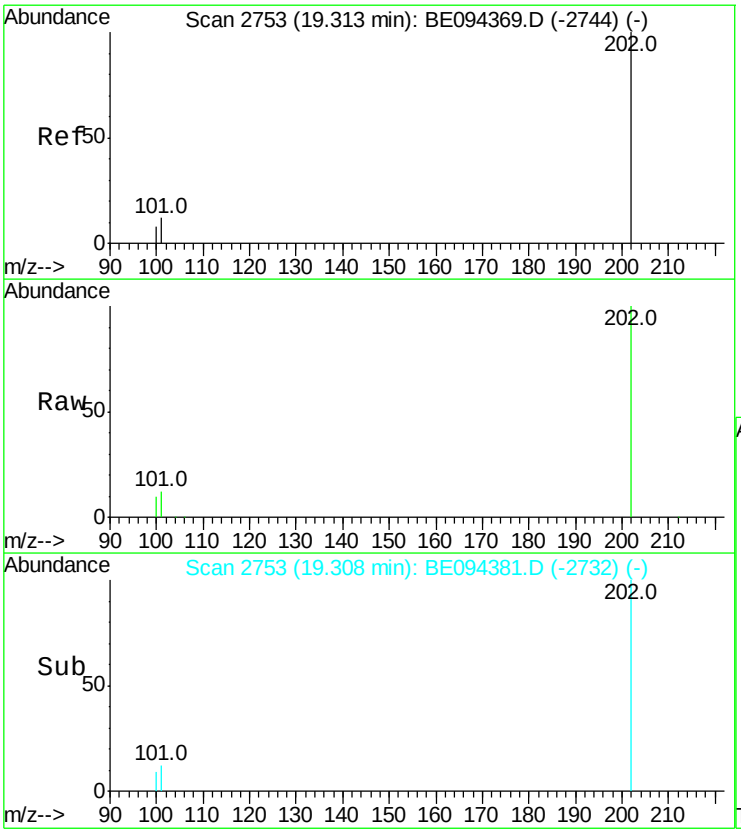
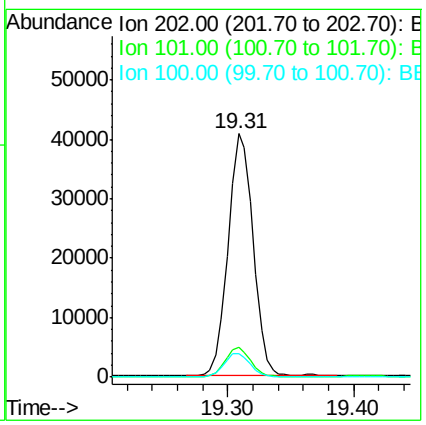
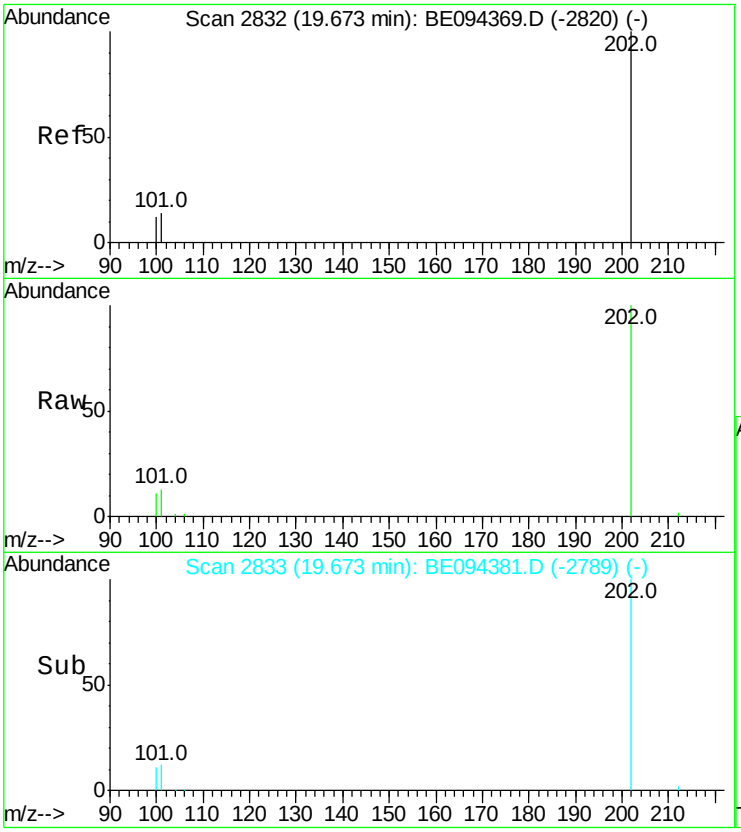


#15
Fluoranthene
Concen: 1.254 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:202 Resp: 56179

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.5	0.0	39.5





#17
Pyrene
Concen: 1.372 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:202 Resp: 48449

Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
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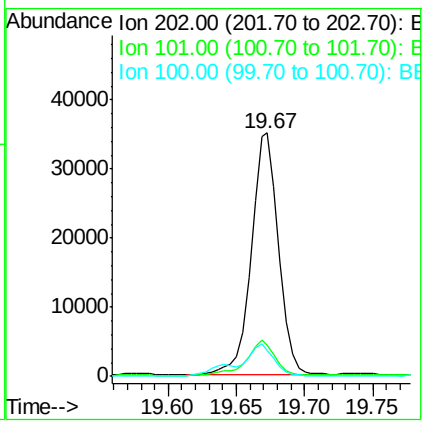
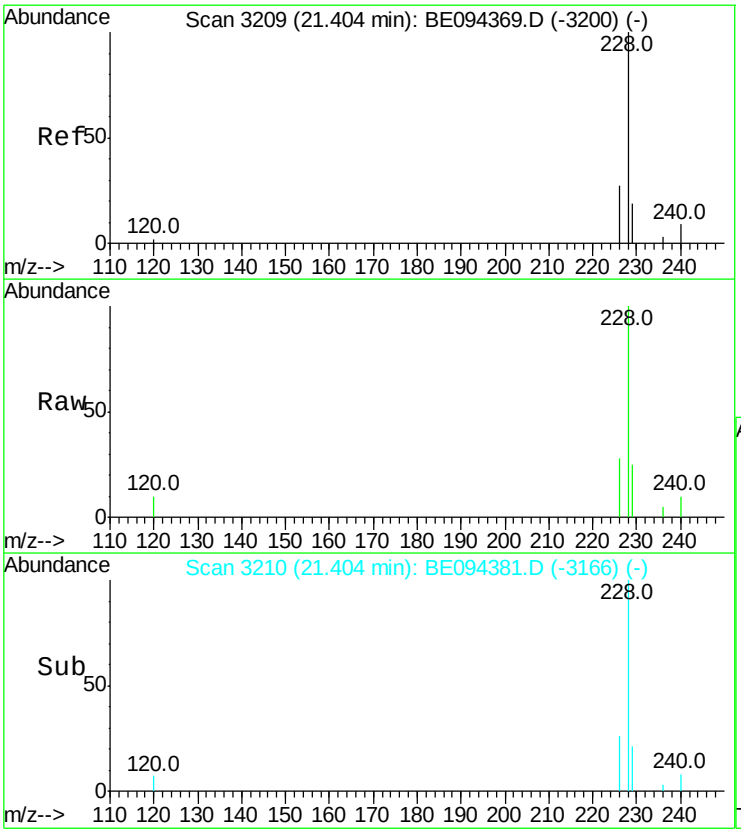
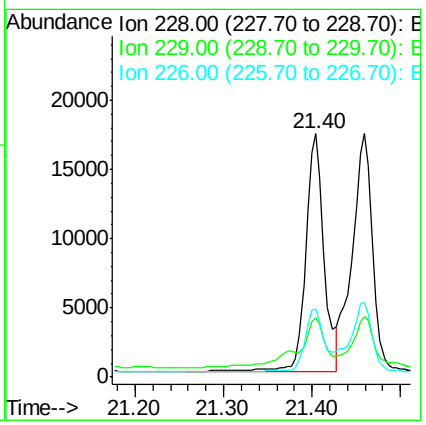


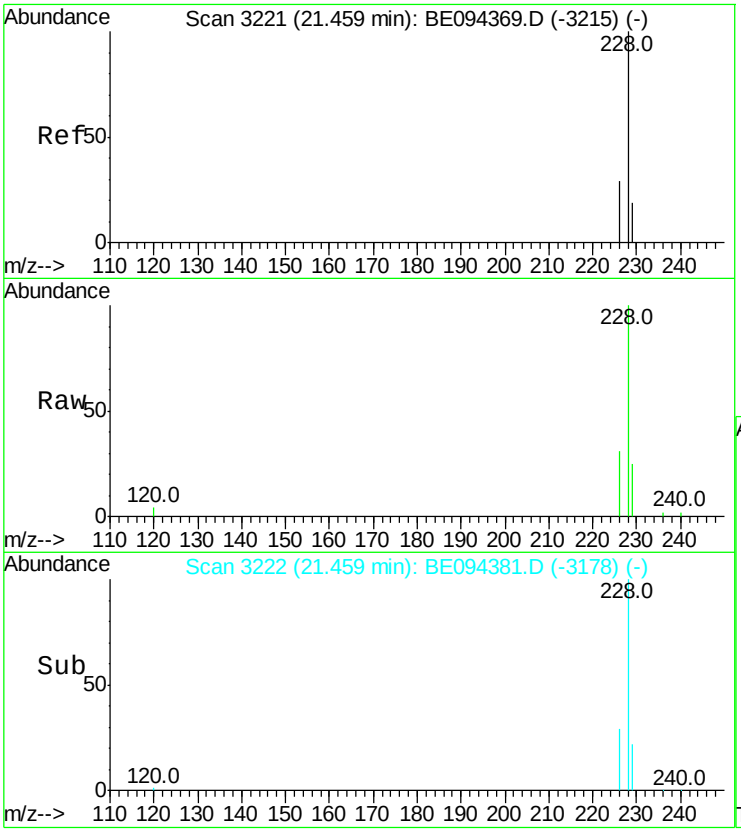


#18
Benzo(a)anthracene
Concen: 0.744 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:228 Resp: 25056

Ion	Ratio	Lower	Upper
228	100		
229	24.6	22.8	34.2
226	28.0	17.0	25.6#

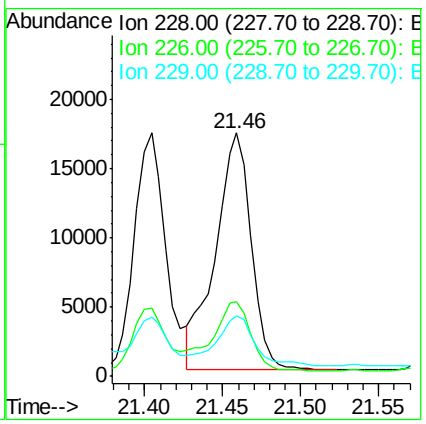




#19
Chrysene
Concen: 0.702 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:228 Resp: 27317

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	25.1	17.7	26.5



Instrument :
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C0AC8DL

Manual Integrations APPROVED
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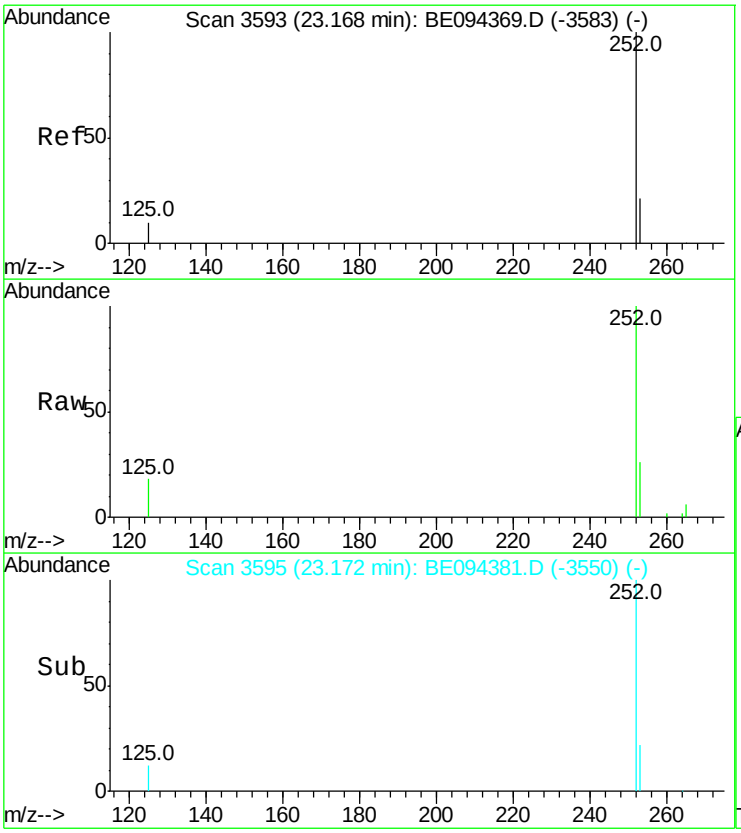
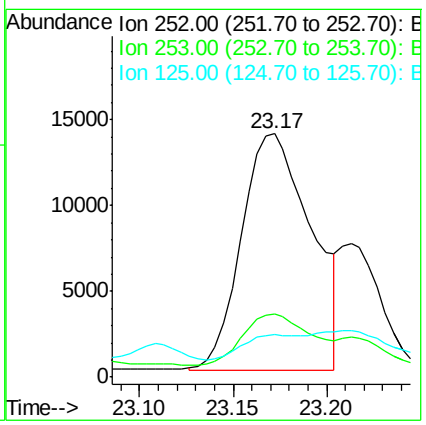
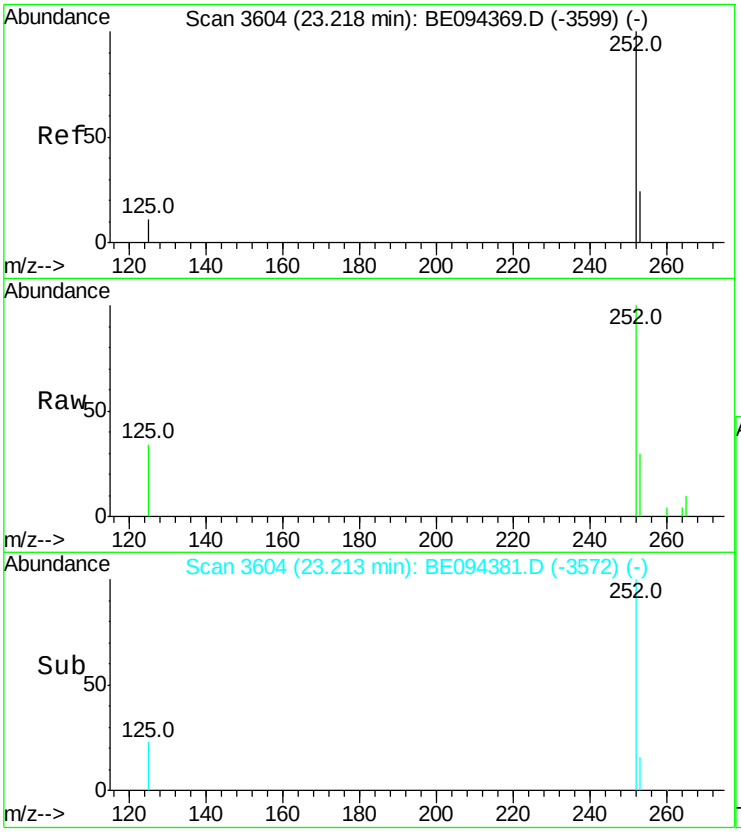


#21
Benzo(b)fluoranthene
Concen: 1.074 ng/ul m
RT: 23.17 min Scan# 3595
Delta R.T. 0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:252 Resp: 35988

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	64.2
125	17.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.289 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:252 Resp: 11191

Ion	Ratio	Lower	Upper
252	100		
253	29.9	24.5	36.7
125	34.5	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
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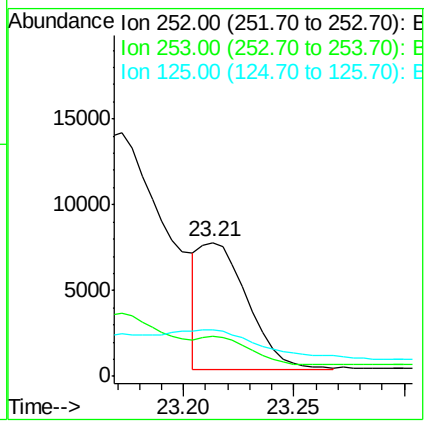
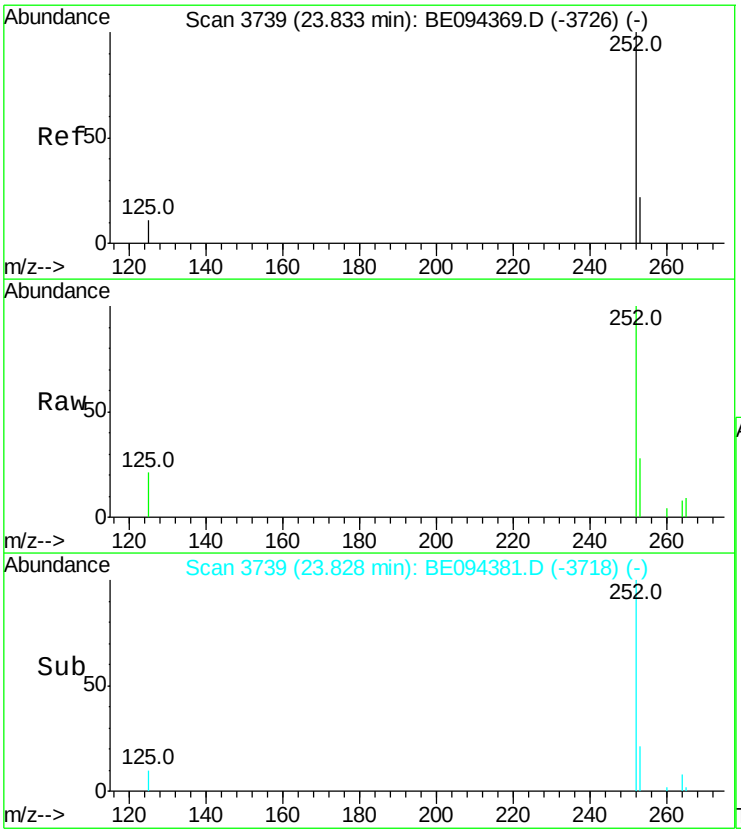
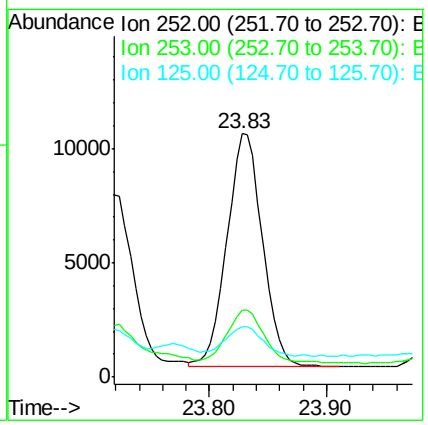


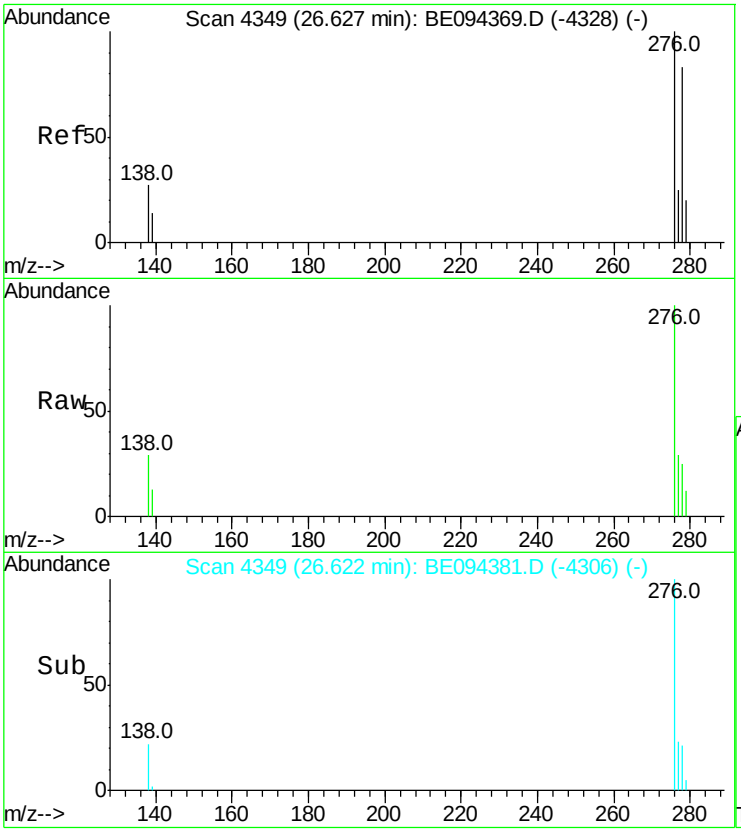


#23
Benzo(a)pyrene
Concen: 0.620 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:252 Resp: 21583

Ion	Ratio	Lower	Upper
252	100		
253	27.6	28.5	42.7#
125	20.6	18.1	27.1





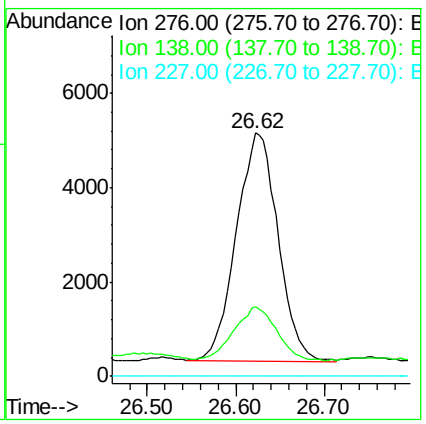
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng/ul
RT: 26.62 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

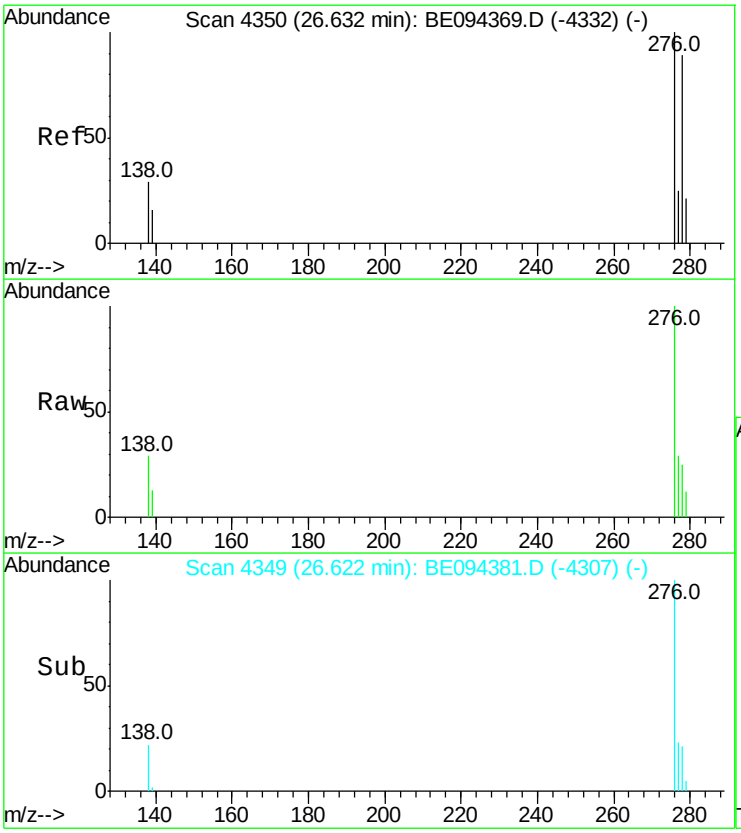
Tgt Ion:276 Resp: 15810

Ion	Ratio	Lower	Upper
276	100		
138	23.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:49 PM

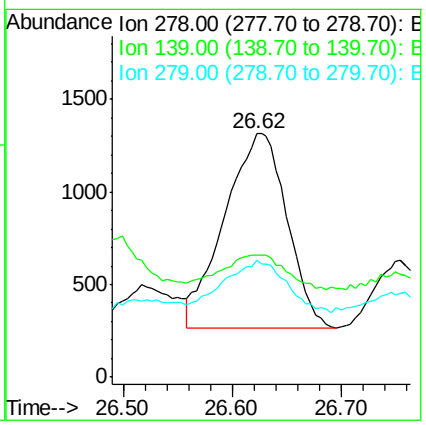


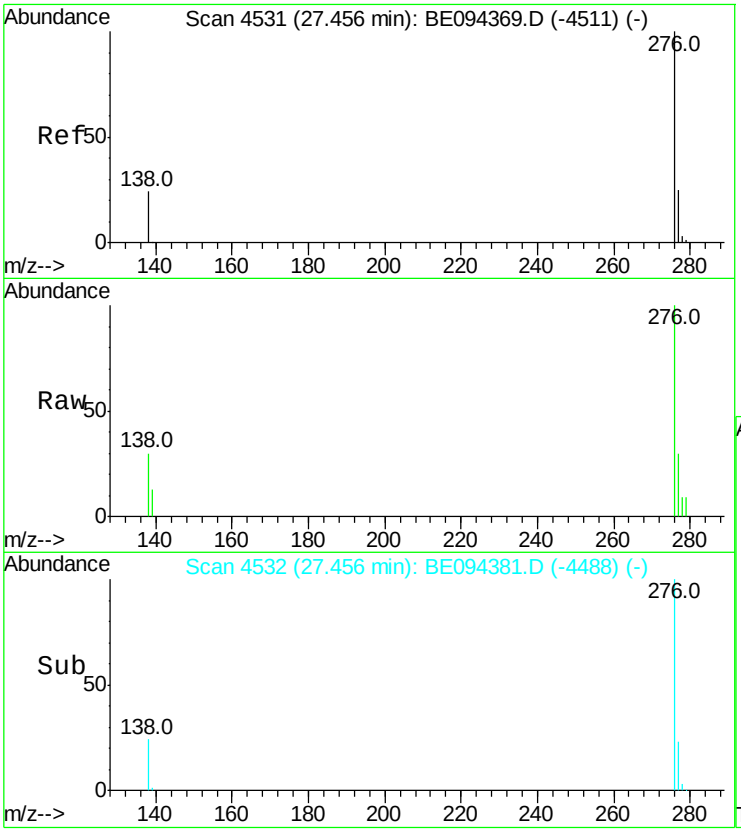


#25
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 26.62 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:278 Resp: 4145

Ion	Ratio	Lower	Upper
278	100		
139	50.2	17.4	26.0#
279	47.8	25.9	38.9#

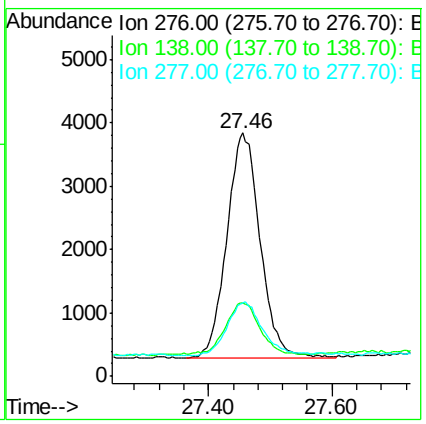




#26
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.46 min Scan# 4532
Delta R.T. -0.00 min
Lab File: BE094381.D
Acq: 15 Oct 2017 7:03

Tgt Ion:276 Resp: 13250

Ion	Ratio	Lower	Upper
276	100		
138	30.4	21.8	32.8
277	30.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:49 PM