Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094535.D
Acq On : 25 Oct 2017 16:25
Operator : SJ/JU
Sample : I5693-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

Quant Time: Oct 25 19:13:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1343	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7468	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	6377	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9925	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9509	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	748	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.29	212	1803	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	8556	0.469	ng/ul#	96
5) 2-Methylnaphthalene	12.34	142	2492	0.195	ng/ul	99
7) Acenaphthylene	14.24	152	6507	0.226	ng/ul#	67
8) Acenaphthene	14.57	153	4283	0.207	ng/ul#	89
9) Fluorene	15.56	166	8053	0.346	ng/ul#	77
12) Phenanthrene	17.29	178	88537	3.377	ng/ul#	91
13) Anthracene	17.38	178	21012	0.812	ng/ul#	88
15) Fluoranthene	19.32	202	129190	4.263	ng/ul	83
17) Pyrene	19.68	202	129699	4.412	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	58721	2.160	ng/ul#	91
19) Chrysene	21.46	228	57499m	2.046	ng/ul	
21) Benzo(b)fluoranthene	23.18	252	79230m	3.004	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	32315m	1.143	ng/ul	
23) Benzo(a)pyrene	23.84	252	59476	2.256	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.64	276	41809	1.533	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	10614	0.462	ng/ul#	71
26) Benzo(g,h,i)perylene	27.48	276	32407	1.480	ng/ul#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094535.D
Acq On : 25 Oct 2017 16:25
Operator : SJ/JU
Sample : I5693-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 25 19:13:39 2017
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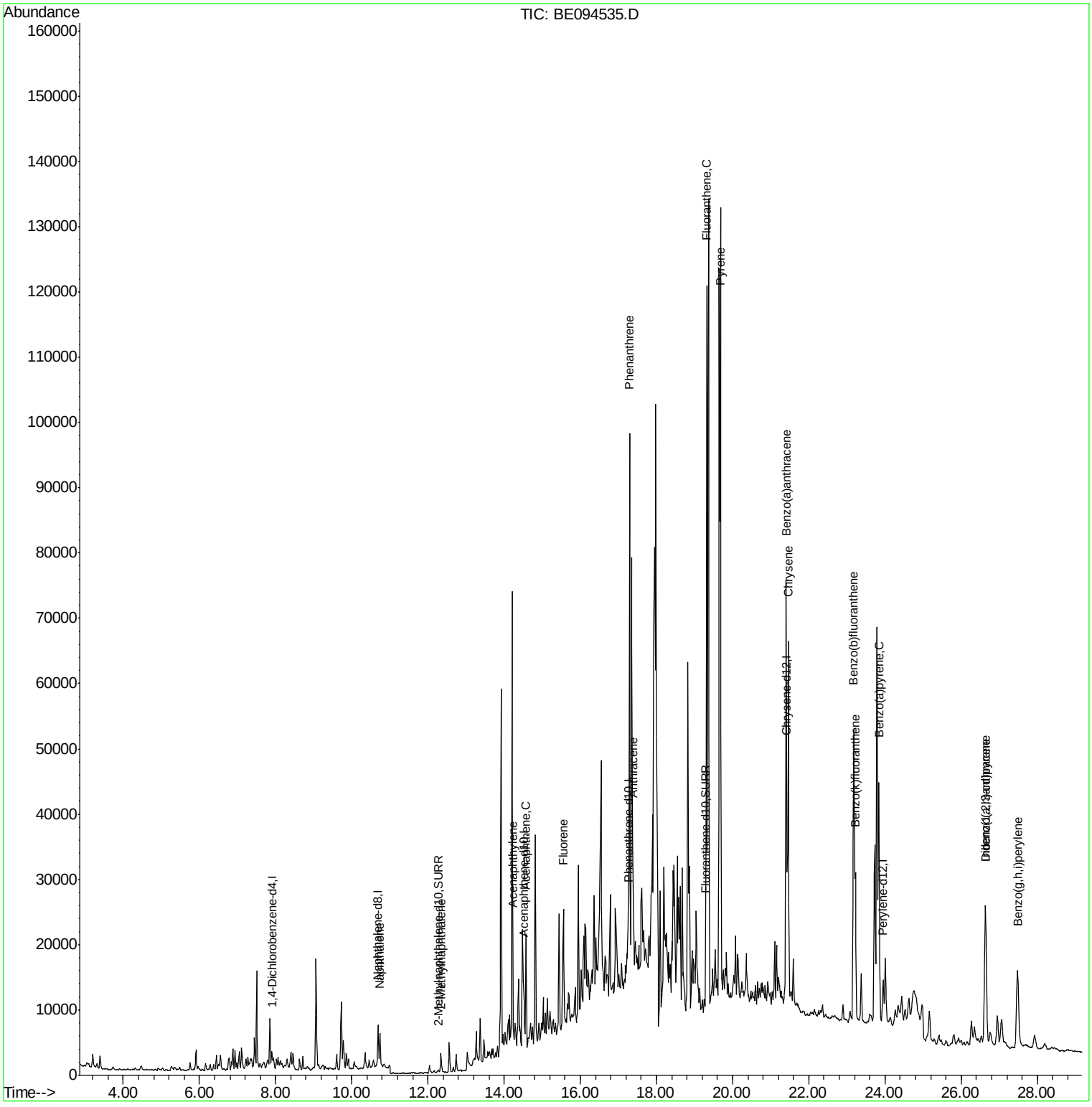
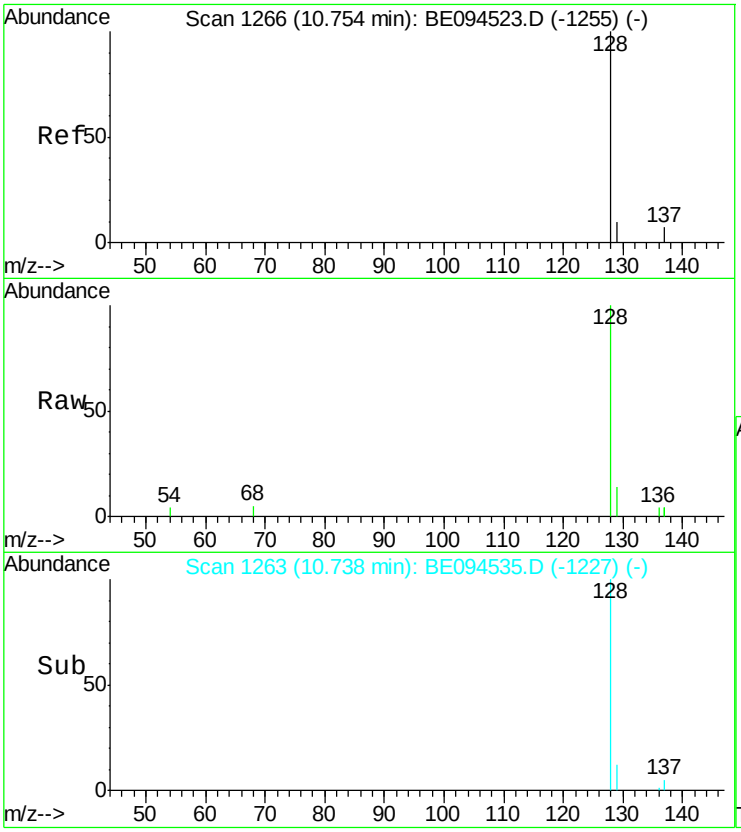
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM





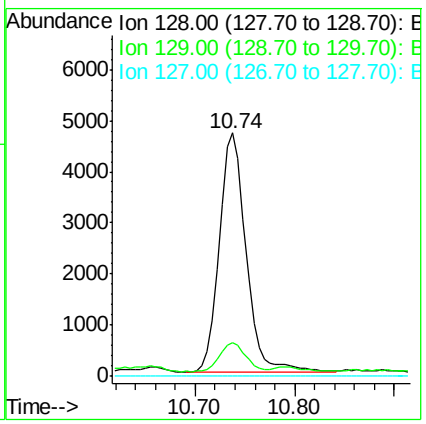
#3
Naphthalene
Concen: 0.469 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

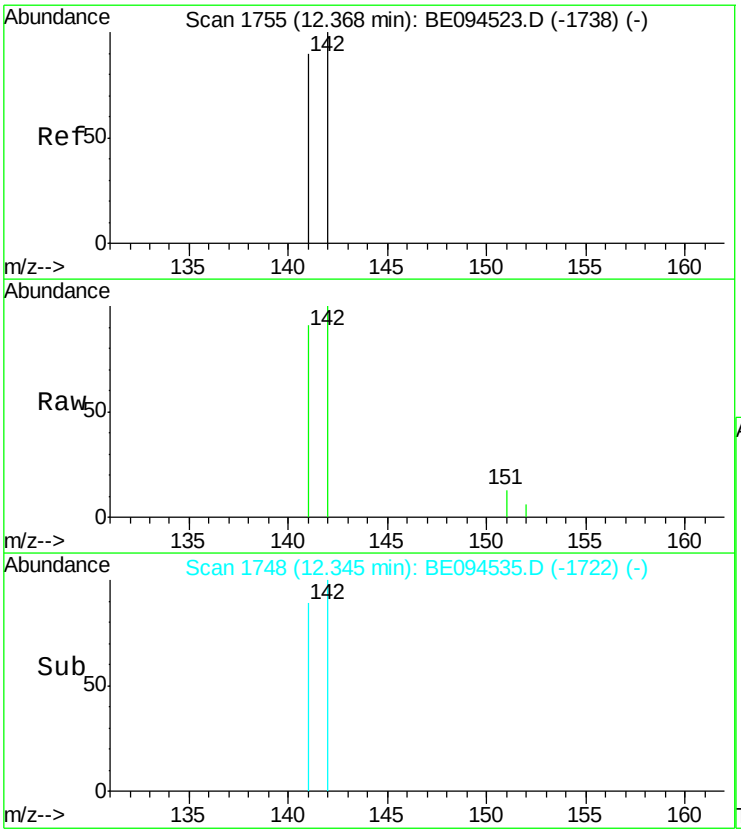
Tgt Ion:128 Resp: 8556

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

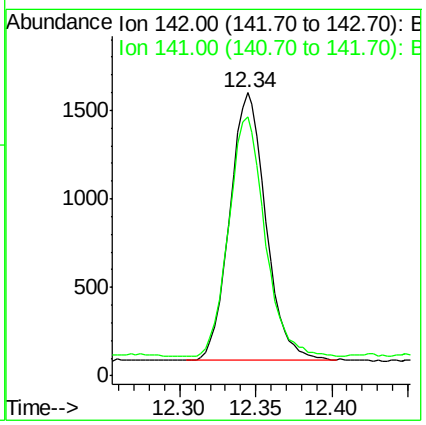


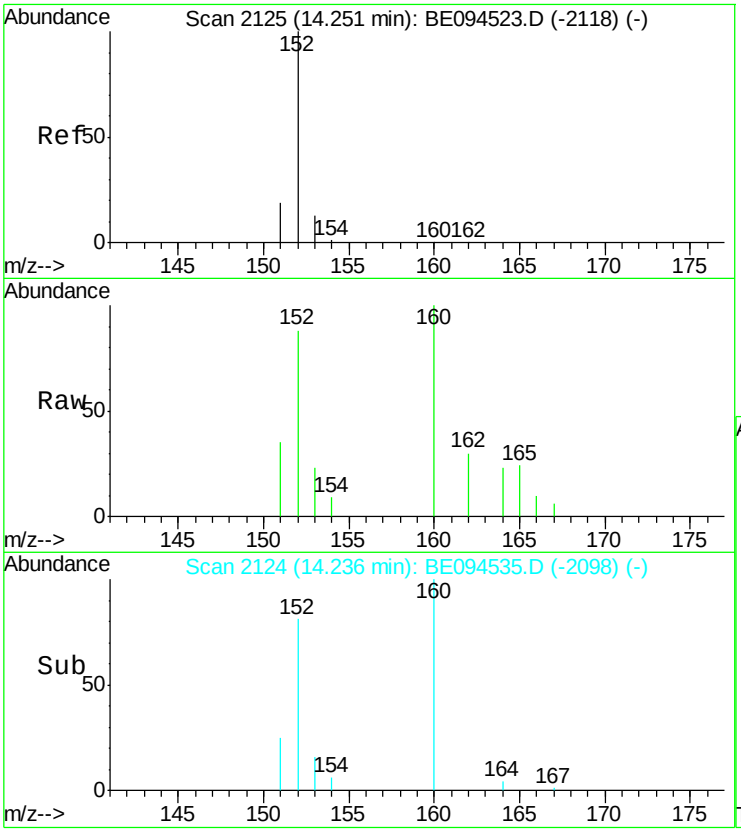


#5
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.34 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:142 Resp: 2492

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





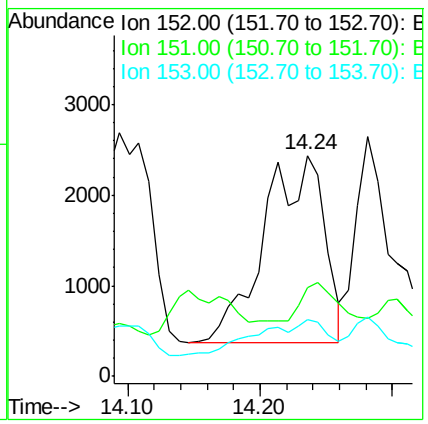
#7
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

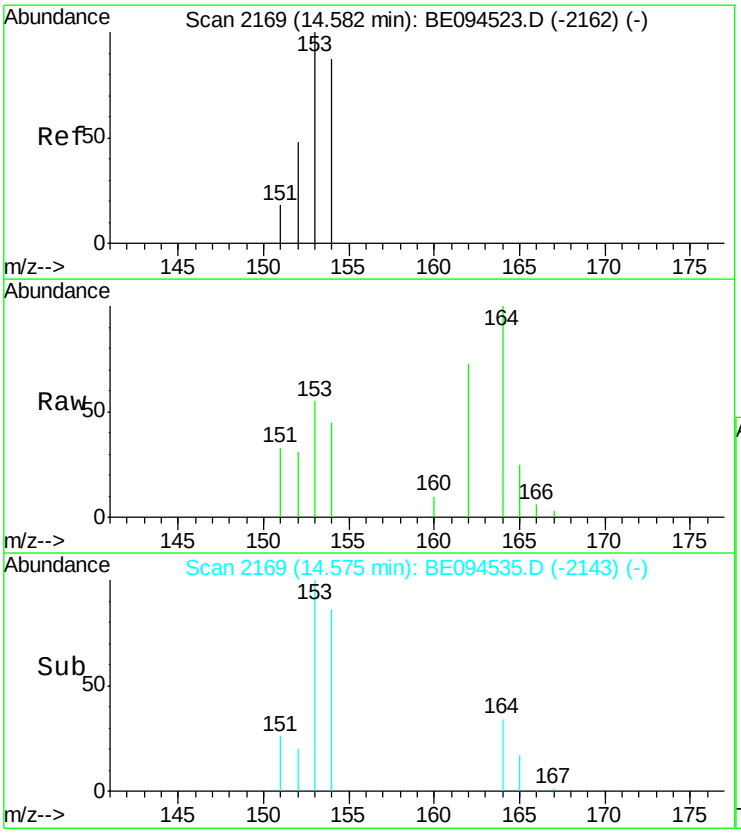
Tgt Ion:152 Resp: 6507

Ion	Ratio	Lower	Upper
152	100		
151	39.9	17.1	25.7#
153	26.0	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

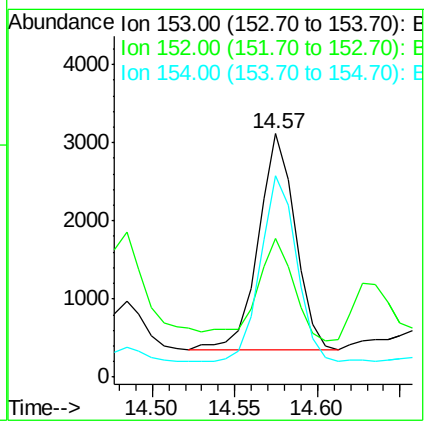


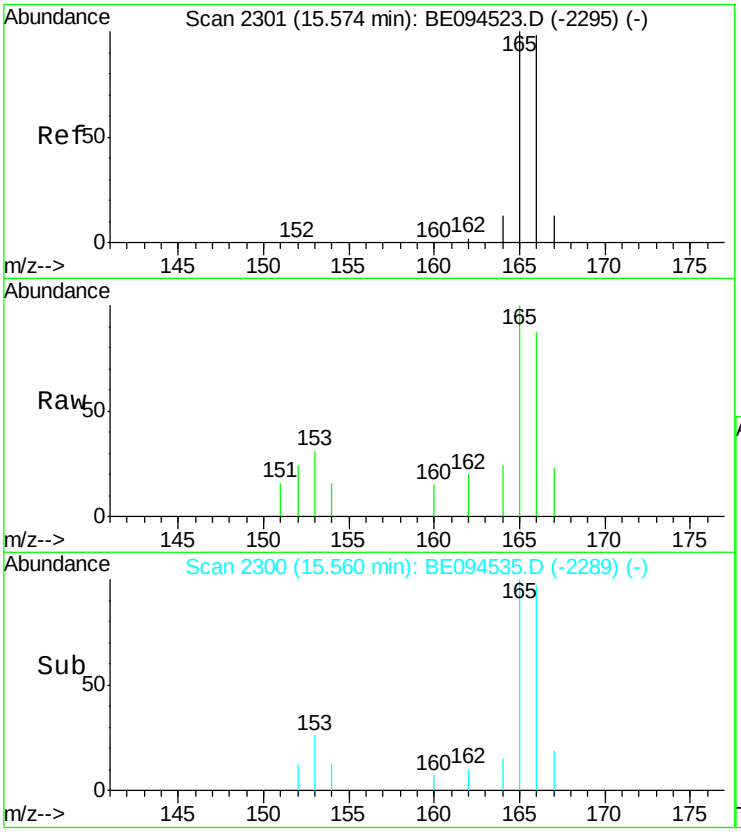


#8
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.57 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:153 Resp: 4283

Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.0	54.0#
154	82.6	72.0	108.0





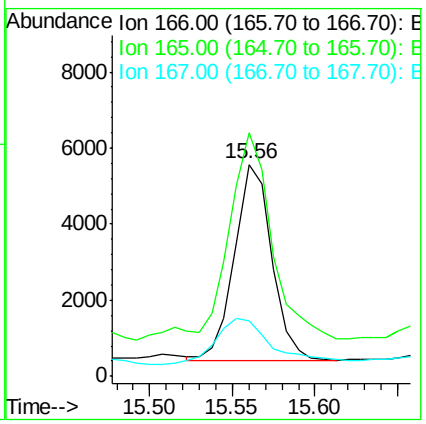
#9
Fluorene
Concen: 0.346 ng/ul
RT: 15.56 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

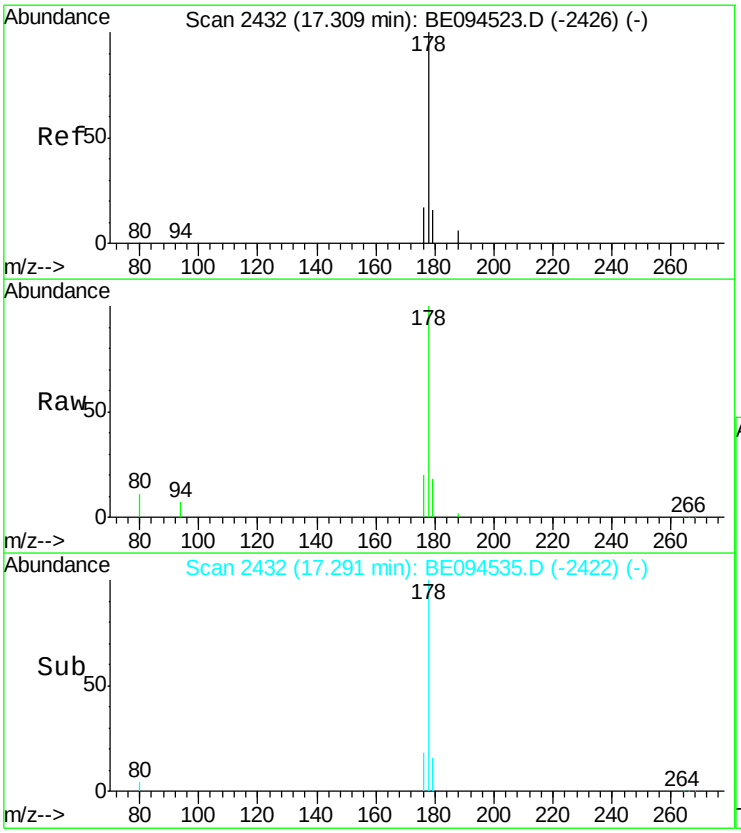
Tgt Ion:166 Resp: 8053

Ion	Ratio	Lower	Upper
166	100		
165	114.9	73.4	110.2#
167	26.4	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

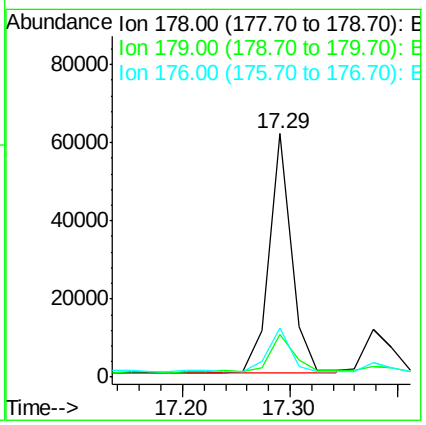


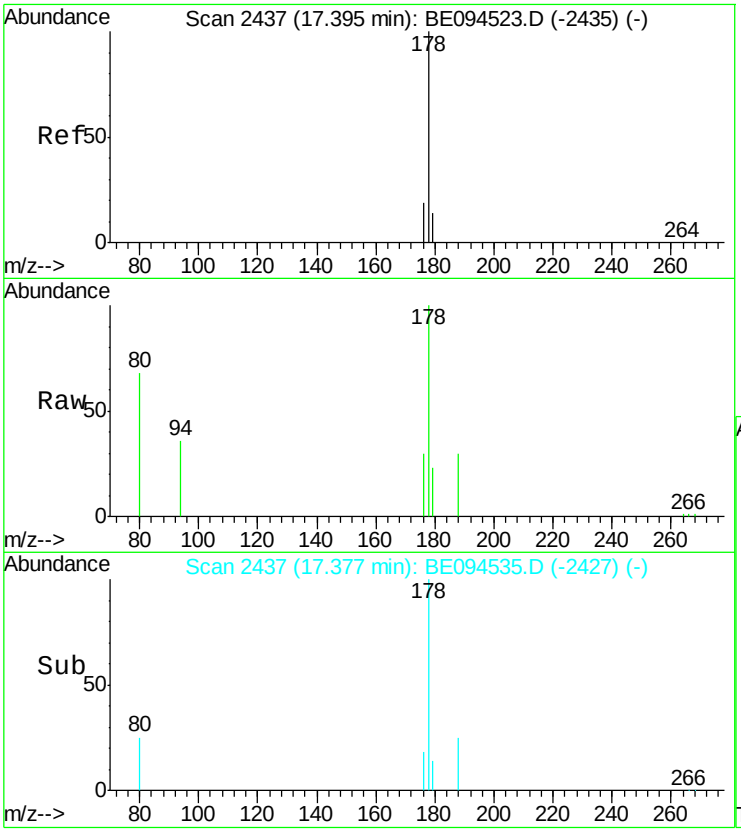


#12
Phenanthrene
Concen: 3.377 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:178 Resp: 88537

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	19.9	13.6	20.4





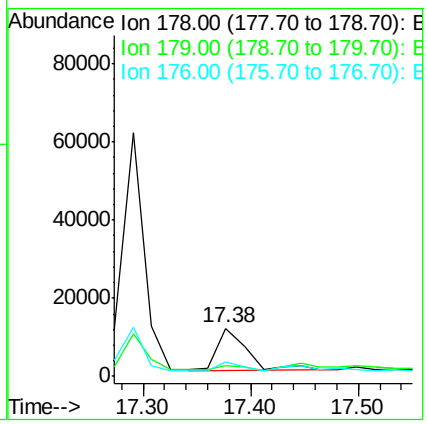
#13
Anthracene
Concen: 0.812 ng/ul
RT: 17.38 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

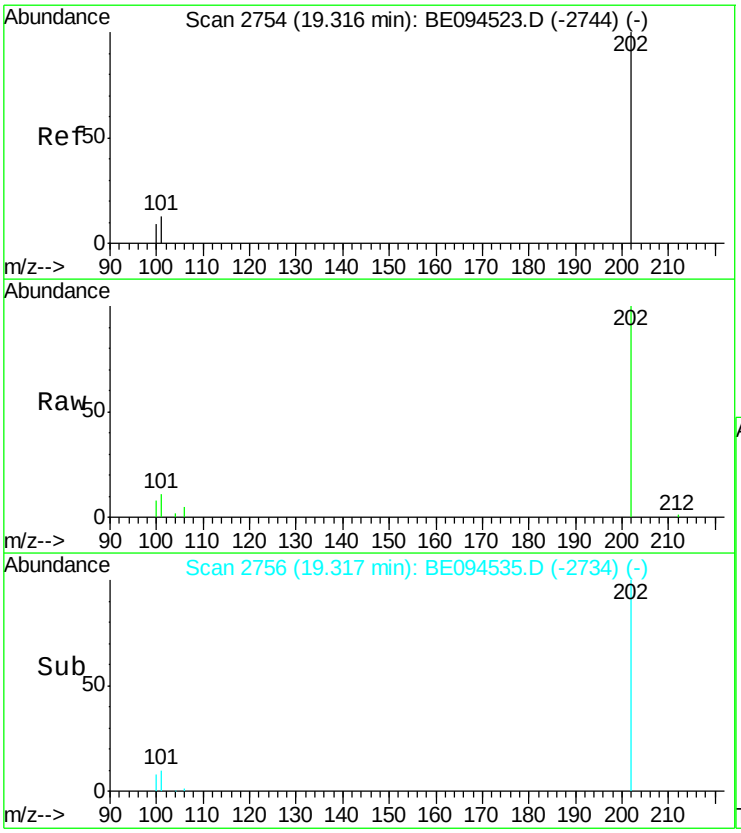
Tgt Ion:178 Resp: 21012

Ion	Ratio	Lower	Upper
178	100		
179	23.1	18.1	27.1
176	29.7	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

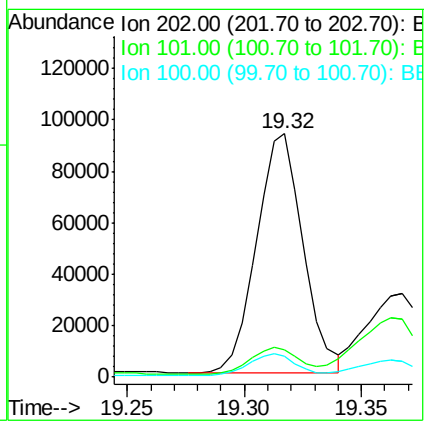


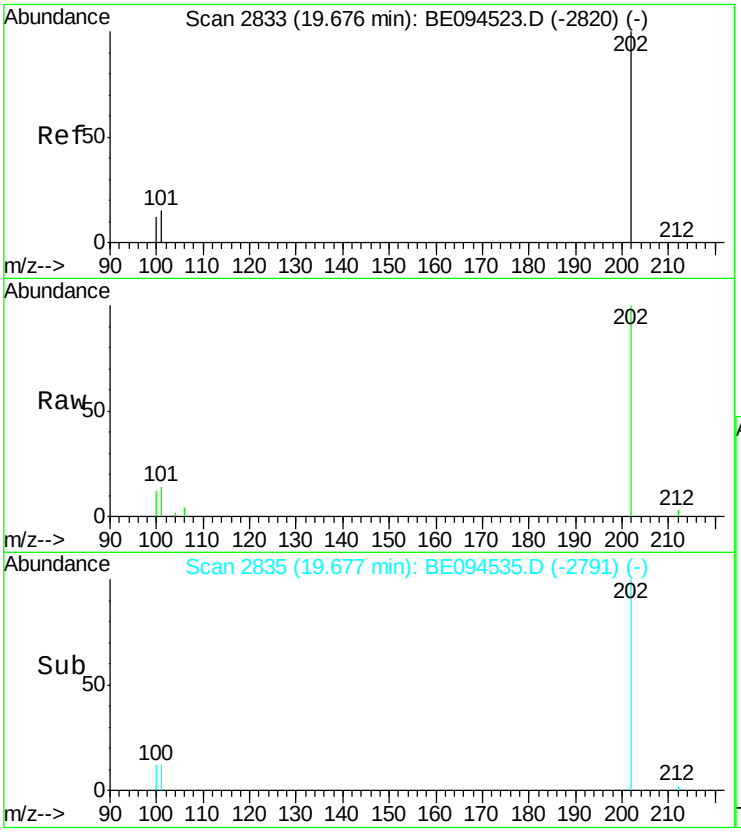


#15
Fluoranthene
Concen: 4.263 ng/ul
RT: 19.32 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:202 Resp: 129190

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	8.4	0.0	39.5





#17
Pyrene
Concen: 4.412 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:202 Resp: 129699

Ion	Ratio	Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
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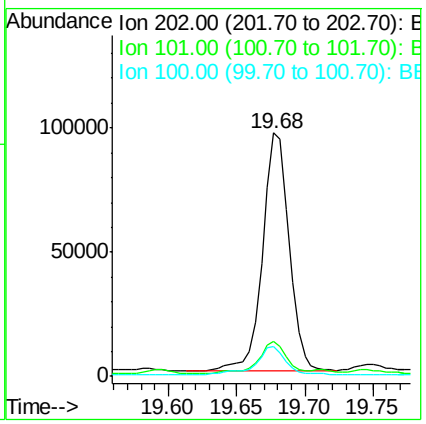
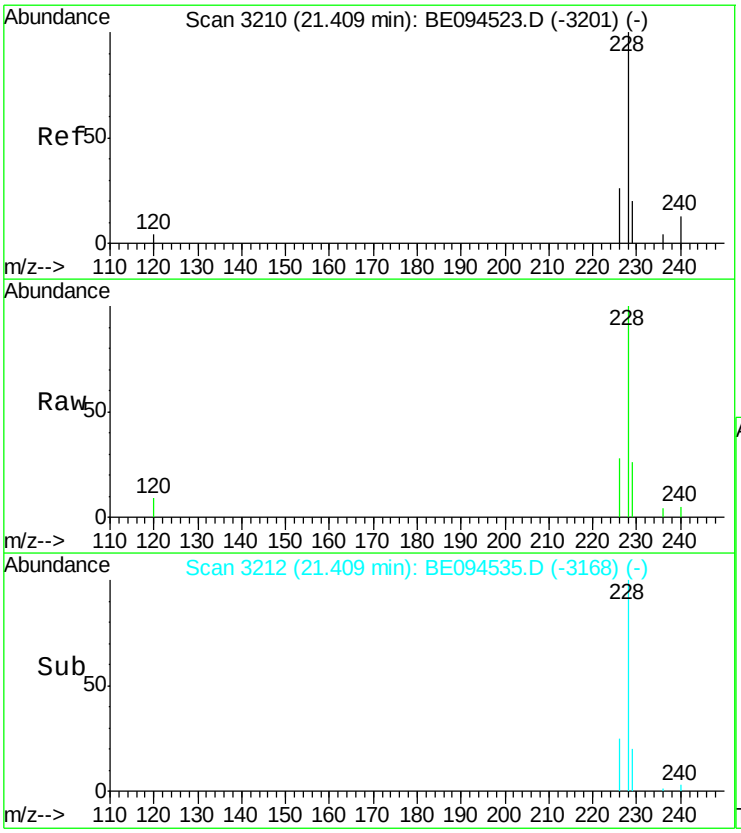
10/27/2017 8:28:45 AM

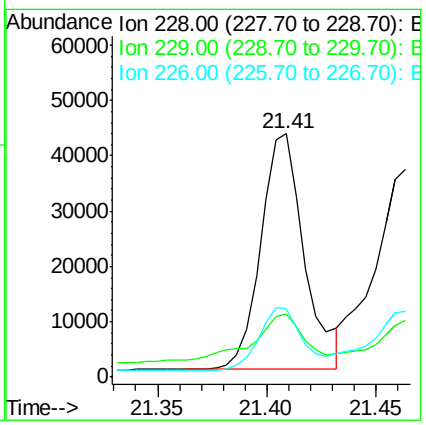


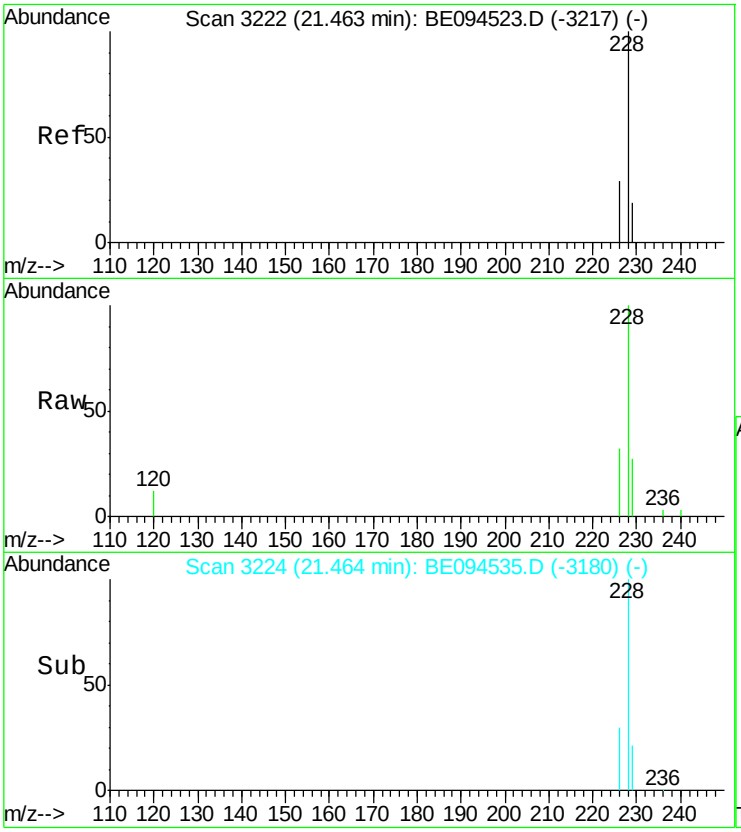


#18
Benzo(a)anthracene
Concen: 2.160 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:228 Resp: 58721

Ion	Ratio	Lower	Upper
228	100		
229	25.9	22.8	34.2
226	27.9	17.0	25.6#





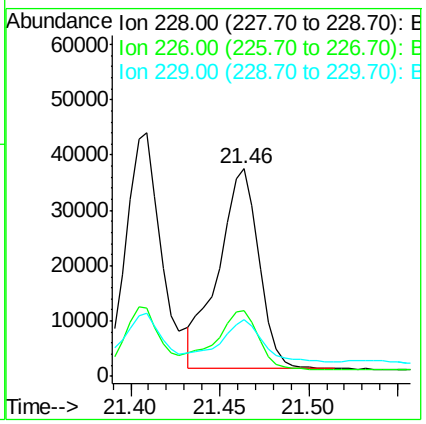
#19
Chrysene
Concen: 2.046 ng/ul m
RT: 21.46 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

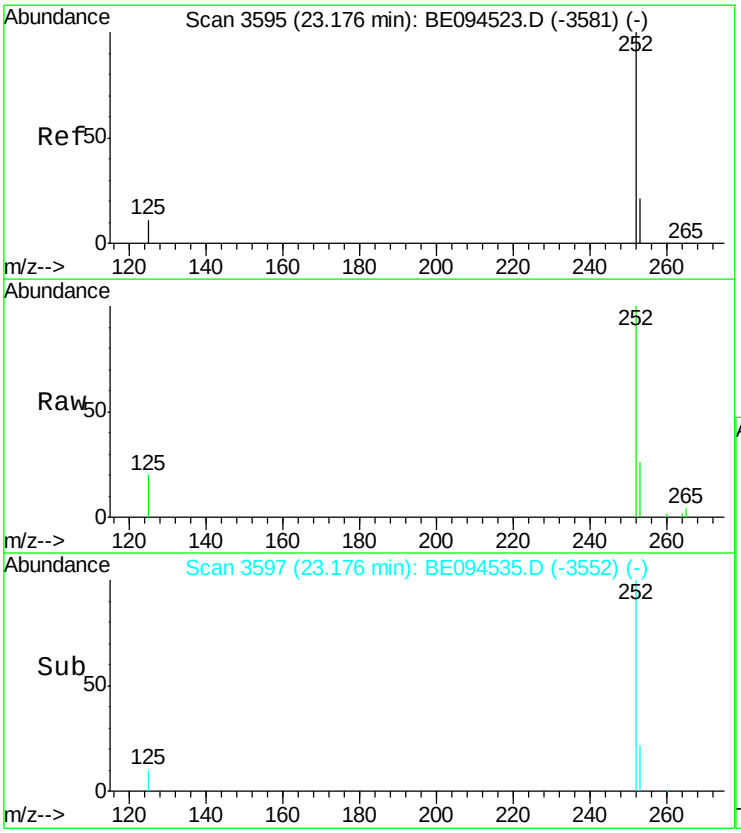
Tgt Ion:228 Resp: 57499

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	27.1	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

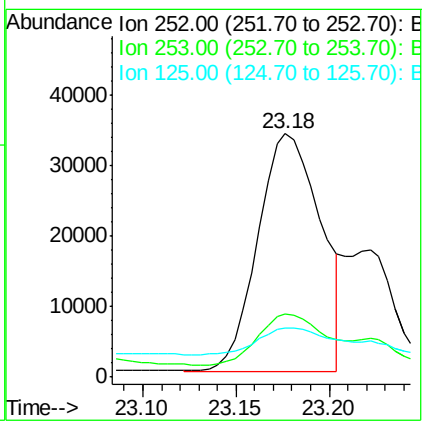


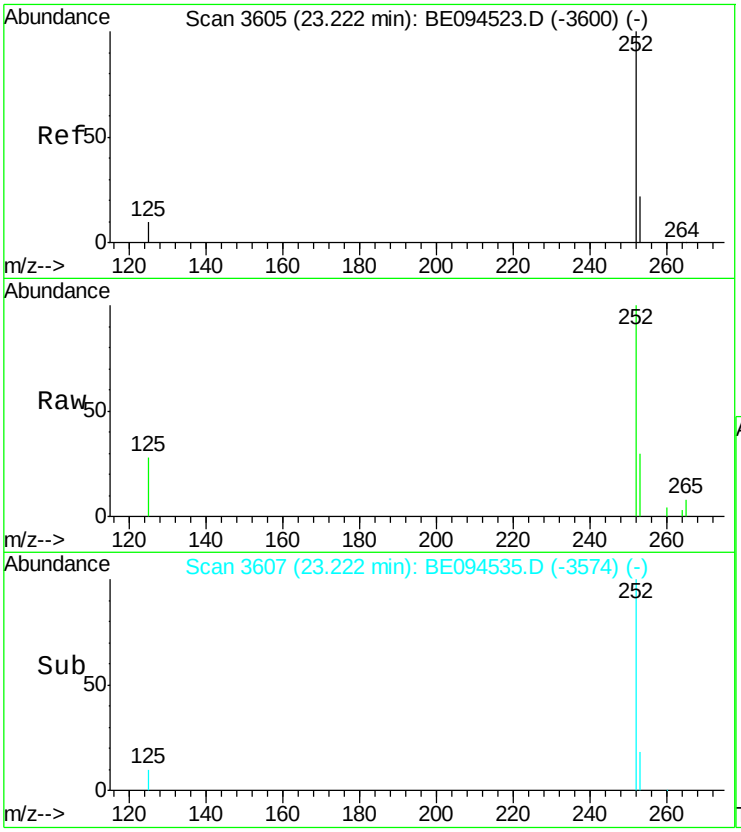


#21
Benzo(b)fluoranthene
Concen: 3.004 ng/ul m
RT: 23.18 min Scan# 3597
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:252 Resp: 79230

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	64.2
125	19.9	0.0	35.0





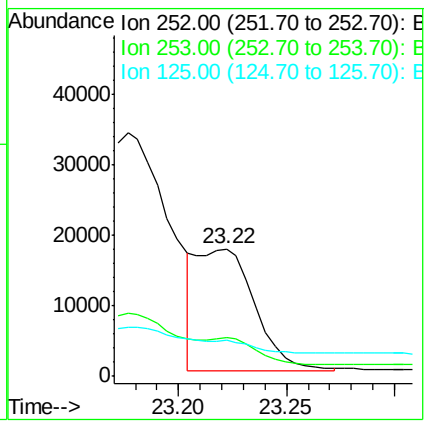
#22
Benzo(k)fluoranthene
Concen: 1.143 ng/ul m
RT: 23.22 min Scan# 3607
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

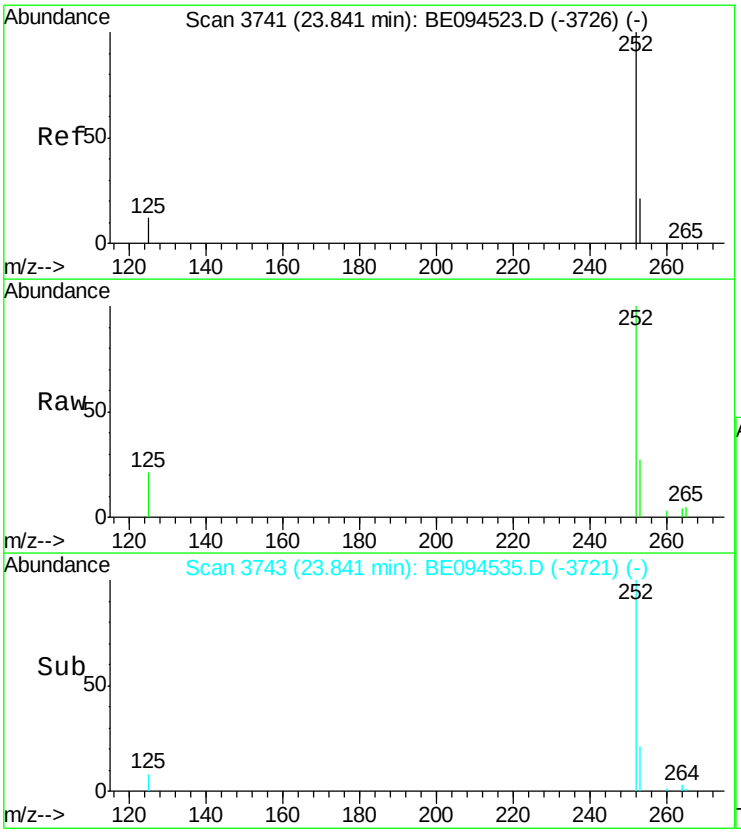
Tgt Ion:252 Resp: 32315

Ion	Ratio	Lower	Upper
252	100		
253	30.1	24.5	36.7
125	28.0	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

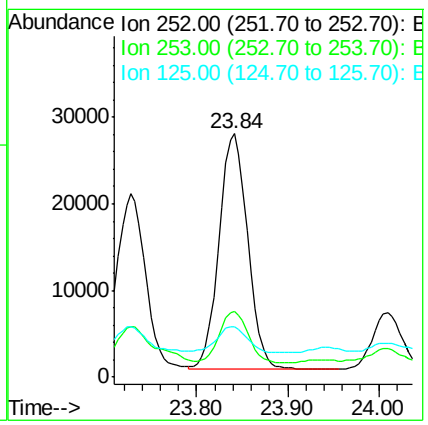


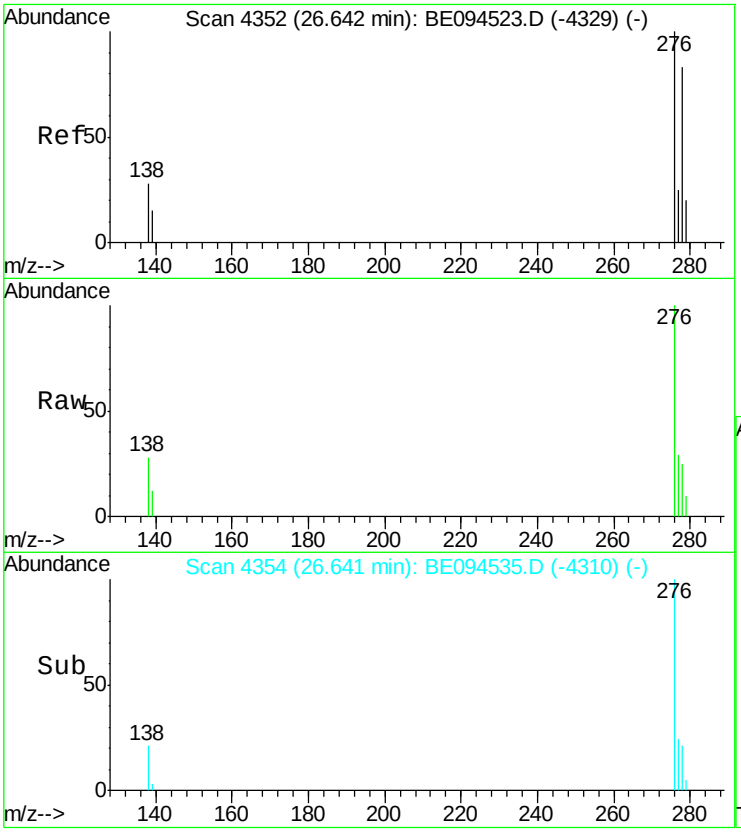


#23
Benzo(a)pyrene
Concen: 2.256 ng/ul
RT: 23.84 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:252 Resp: 59476

Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7#
125	20.9	18.1	27.1





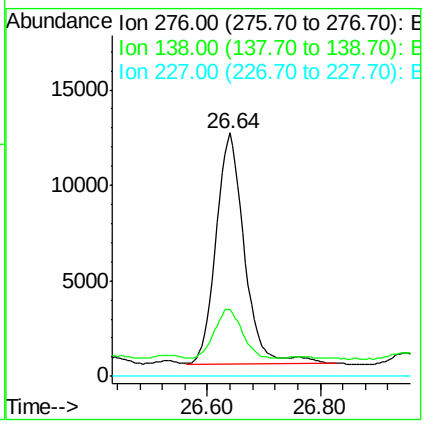
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.533 ng/ul
RT: 26.64 min Scan# 4354
Delta R.T. -0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

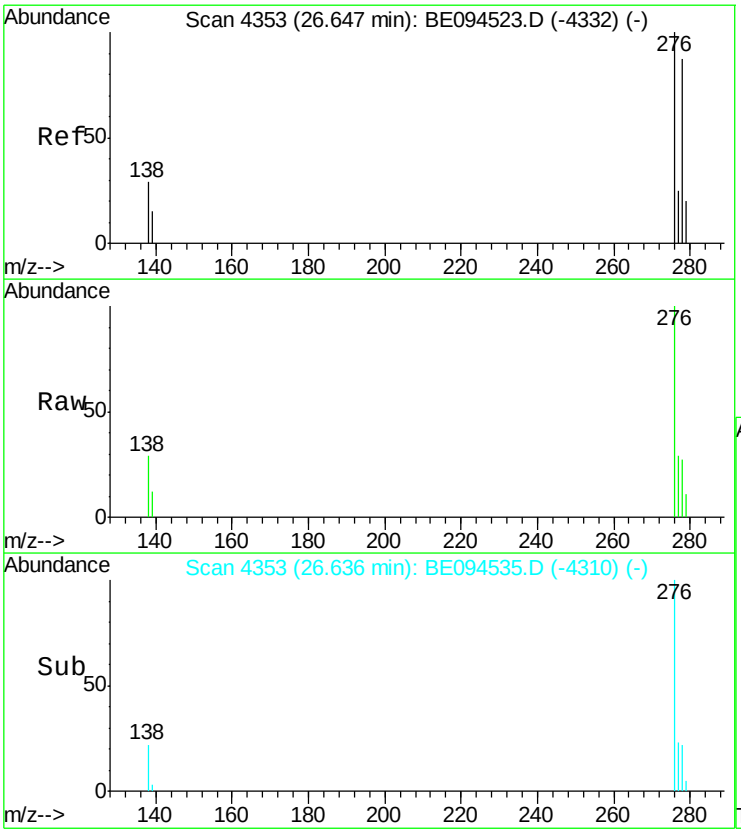
Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM

Tgt Ion:276 Resp: 41809

Ion	Ratio	Lower	Upper
276	100		
138	20.9	28.0	42.0#
227	0.0	8.0	12.0#

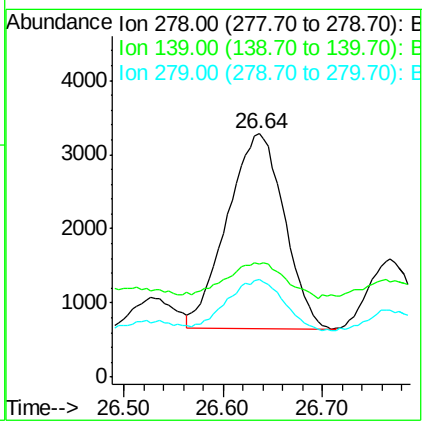


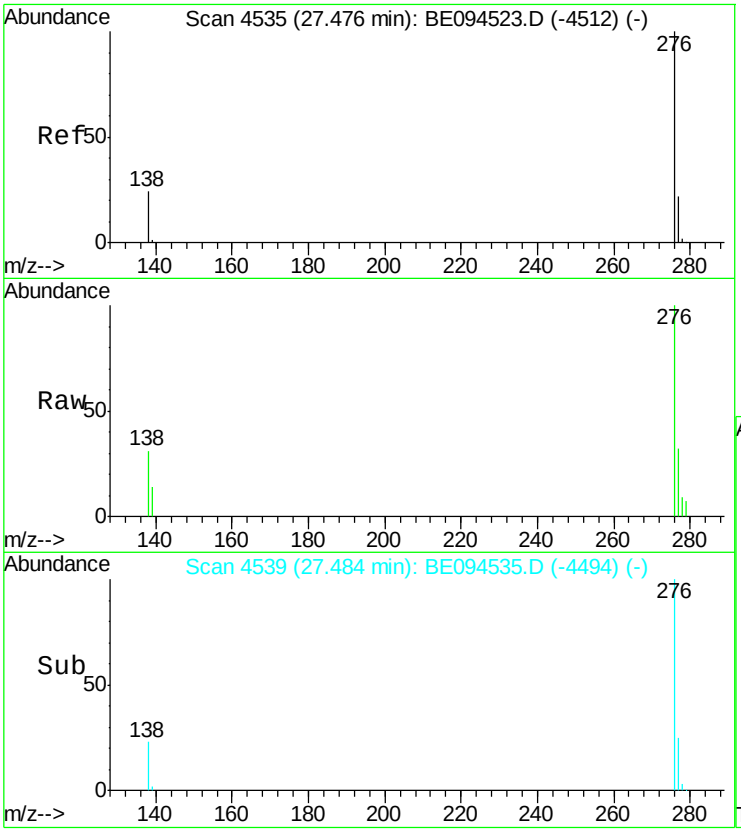


#25
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:278 Resp: 10614

Ion	Ratio	Lower	Upper
278	100		
139	46.3	17.4	26.0#
279	40.0	25.9	38.9#

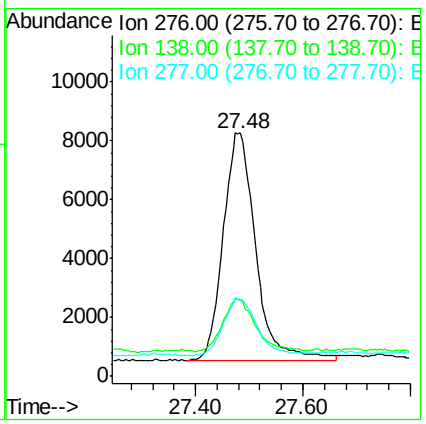




#26
Benzo(g,h,i)perylene
Concen: 1.480 ng/ul
RT: 27.48 min Scan# 4539
Delta R.T. 0.00 min
Lab File: BE094535.D
Acq: 25 Oct 2017 16:25

Tgt Ion:276 Resp: 32407

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.8
277	31.8	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
B-33(3.5-4.5)-100417

Manual Integrations APPROVED
Sohil
10/27/2017 8:28:45 AM