Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094711.D
Acq On : 3 Nov 2017 17:23
Operator : SJ/JU
Sample : I5825-09 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/4/2017 2:15:22 PM

Quant Time: Nov 03 23:40:25 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 23:54:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1493	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8815	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	4992	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	10679	0.40	ng/ul	-0.04
16) Chrysene-d12	21.42	240	10542	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	11811	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	784	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1862	0.06	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	4005	0.186	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2103	0.139	ng/ul	97
7) Acenaphthylene	14.24	152	13461	0.596	ng/ul	97
8) Acenaphthene	14.57	153	1686	0.104	ng/ul#	94
9) Fluorene	15.56	166	4252	0.233	ng/ul	94
12) Phenanthrene	17.29	178	66941	2.373	ng/ul#	93
13) Anthracene	17.38	178	17677	0.635	ng/ul#	94
15) Fluoranthene	19.30	202	165860	5.086	ng/ul	84
17) Pyrene	19.66	202	150440	4.616	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	91996	3.053	ng/ul#	87
19) Chrysene	21.45	228	90440	2.903	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	117150m	3.526	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	43728m	1.228	ng/ul	
23) Benzo(a)pyrene	23.84	252	82047	2.471	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.65	276	51781	1.507	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	12757	0.441	ng/ul#	82
26) Benzo(g,h,i)perylene	27.49	276	42227	1.530	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094711.D
Acq On : 3 Nov 2017 17:23
Operator : SJ/JU
Sample : I5825-09 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 03 23:40:25 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 23:54:30 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
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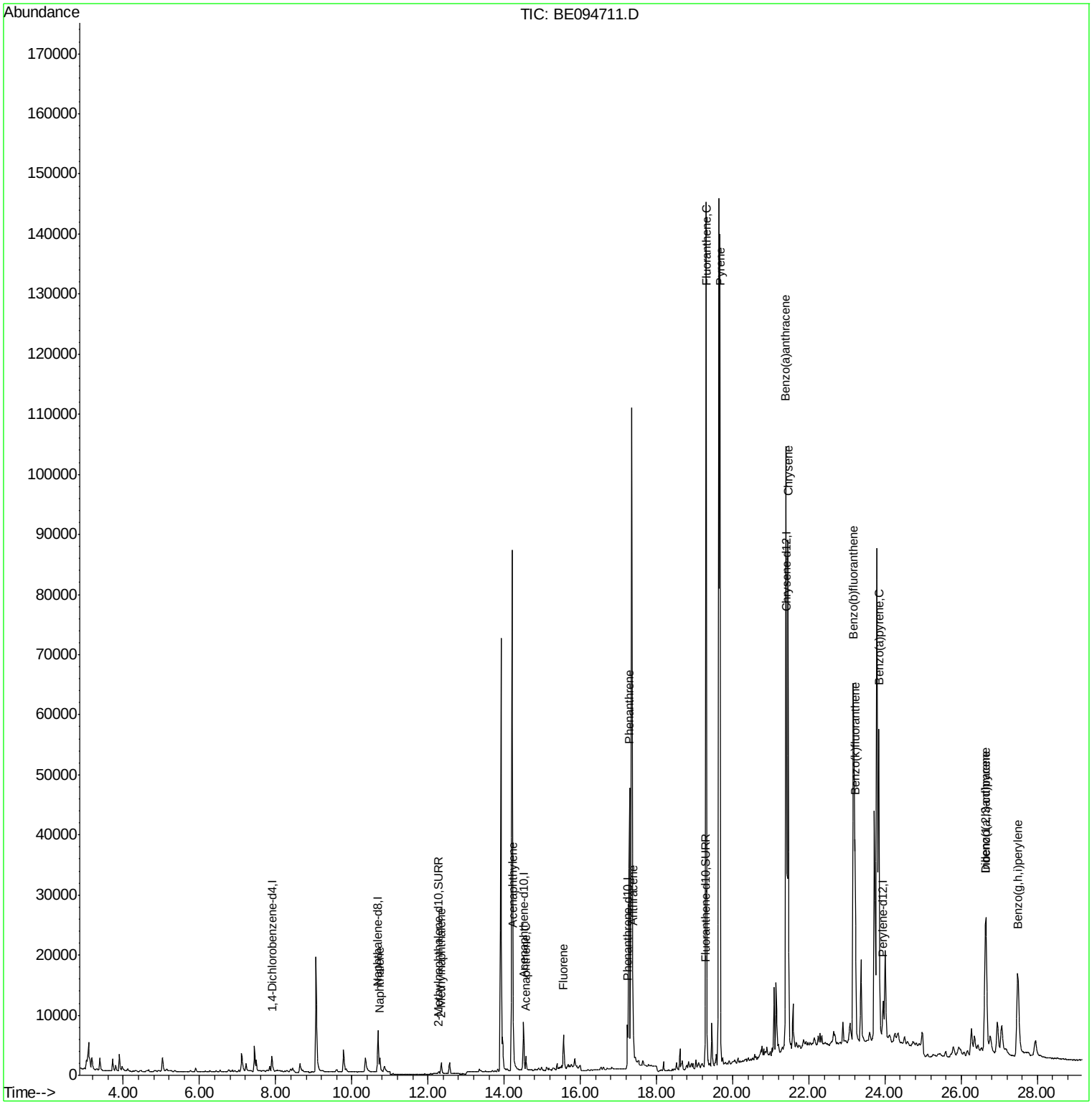

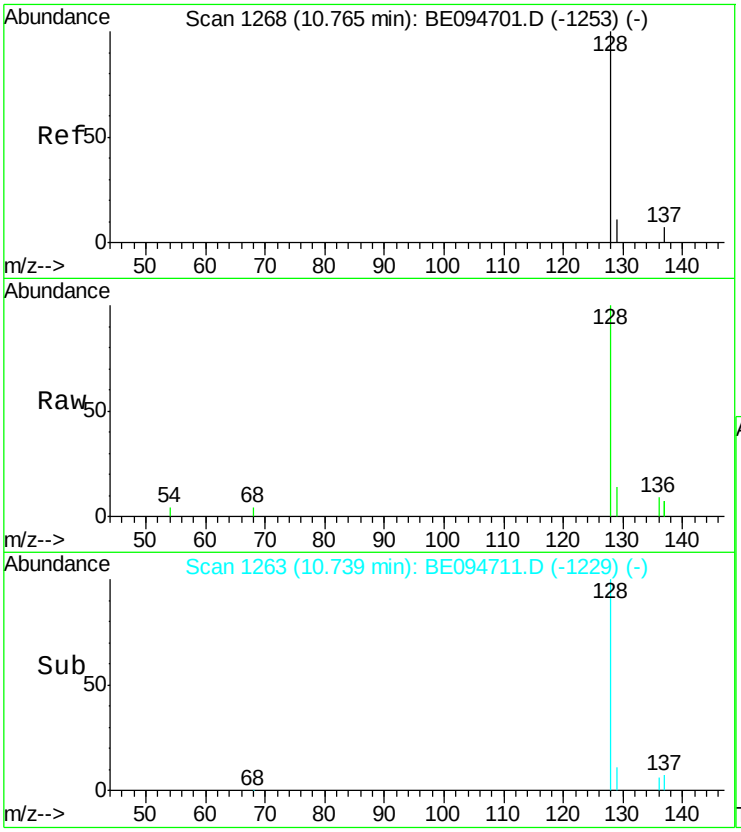

#3
Naphthalene
Concen: 0.186 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:128 Resp: 4005

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
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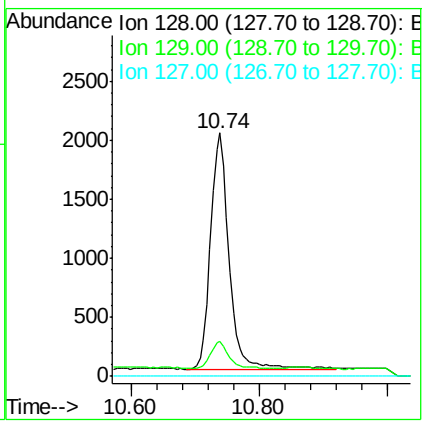
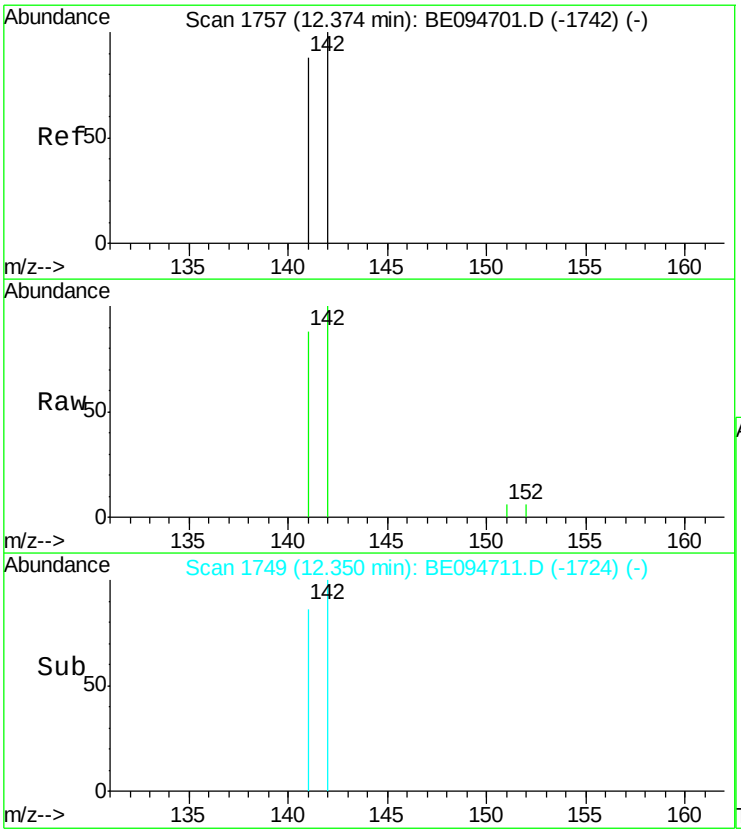
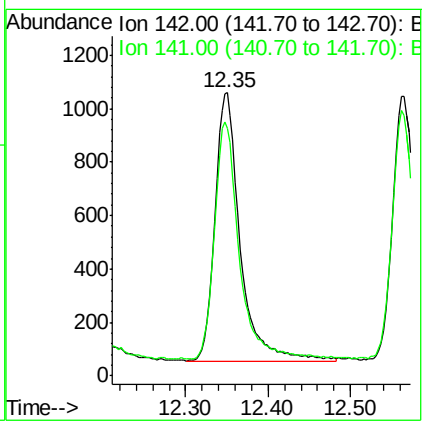


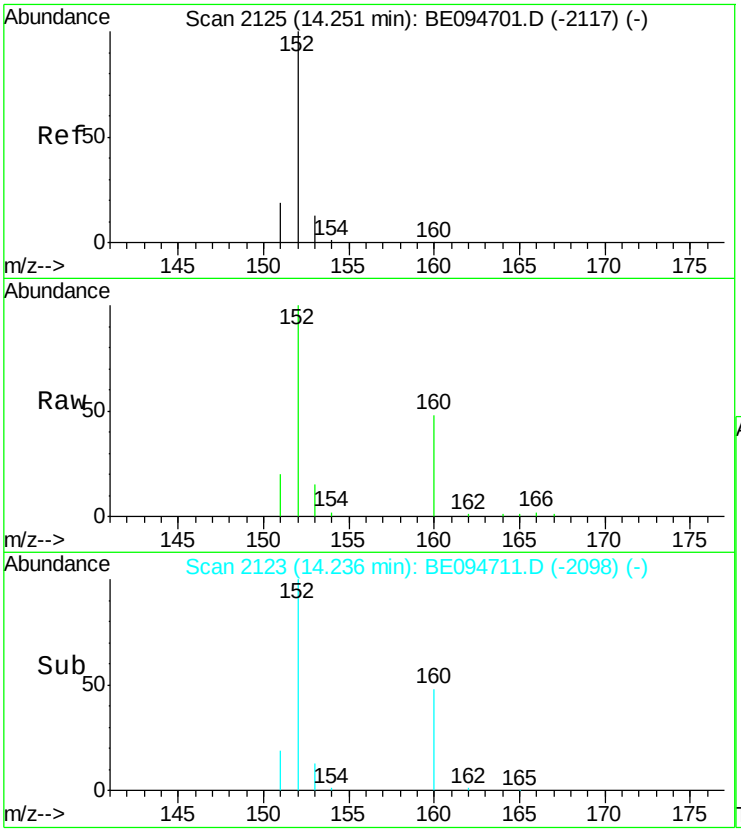


#5
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:142 Resp: 2103

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.6	108.8

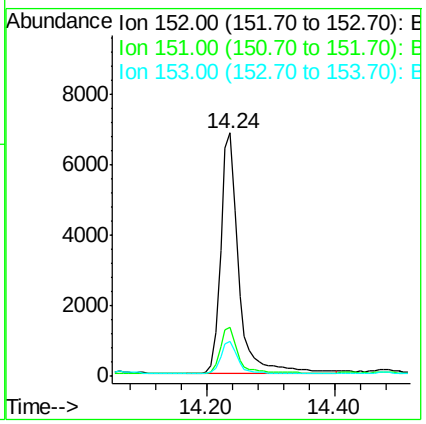




#7
Acenaphthylene
Concen: 0.596 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:152 Resp: 13461

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	14.5	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

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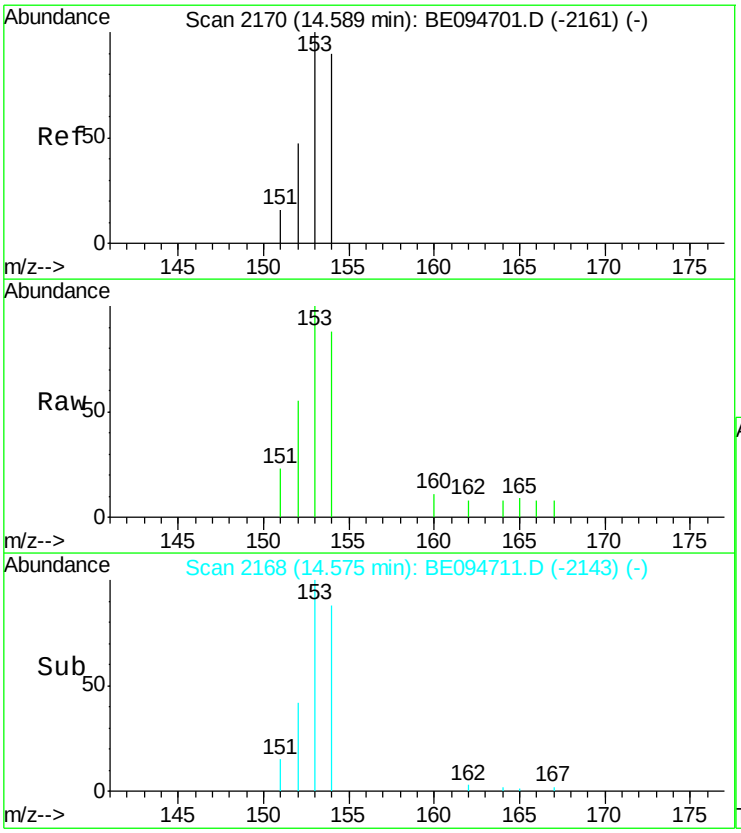
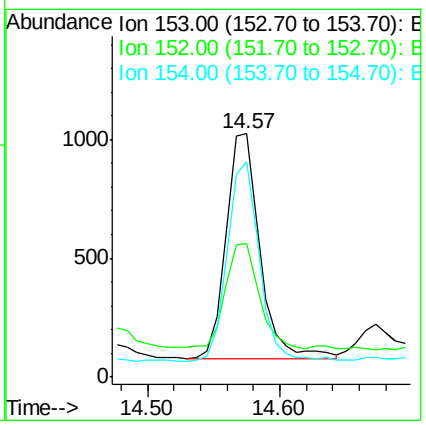
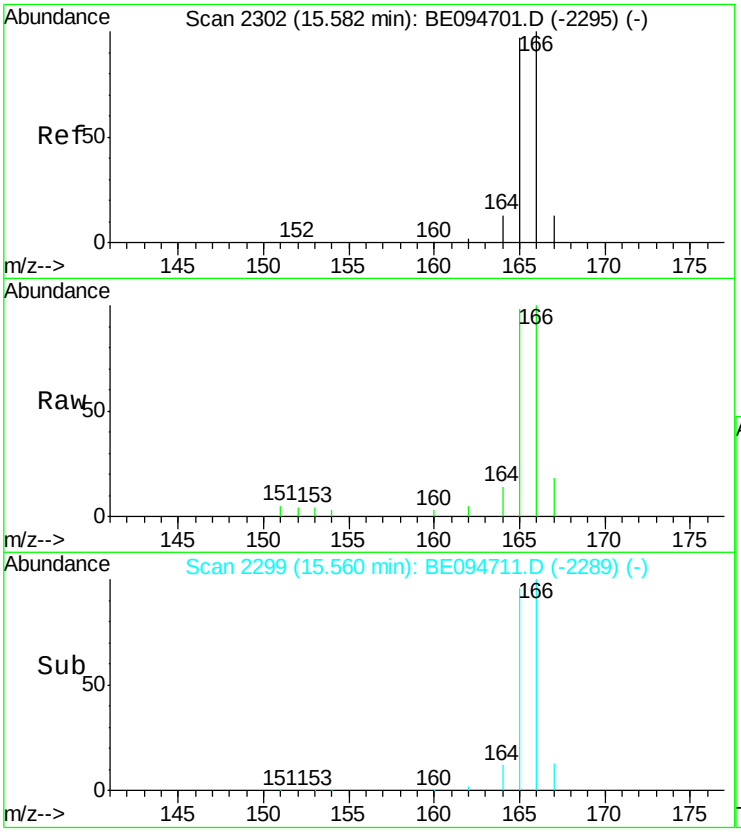


#8
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:153 Resp: 1686

Ion	Ratio	Lower	Upper
153	100		
152	54.8	36.0	54.0#
154	88.3	72.0	108.0





#9
Fluorene
Concen: 0.233 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:166 Resp: 4252

Ion	Ratio	Lower	Upper
166	100		
165	98.1	73.4	110.2
167	17.8	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

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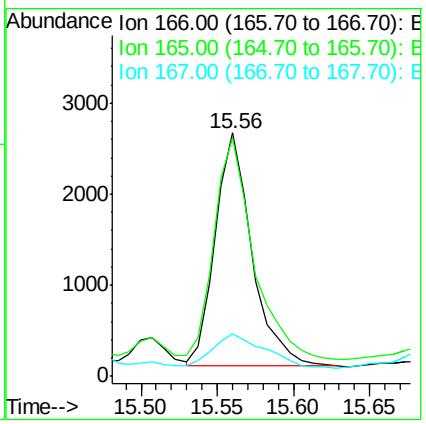
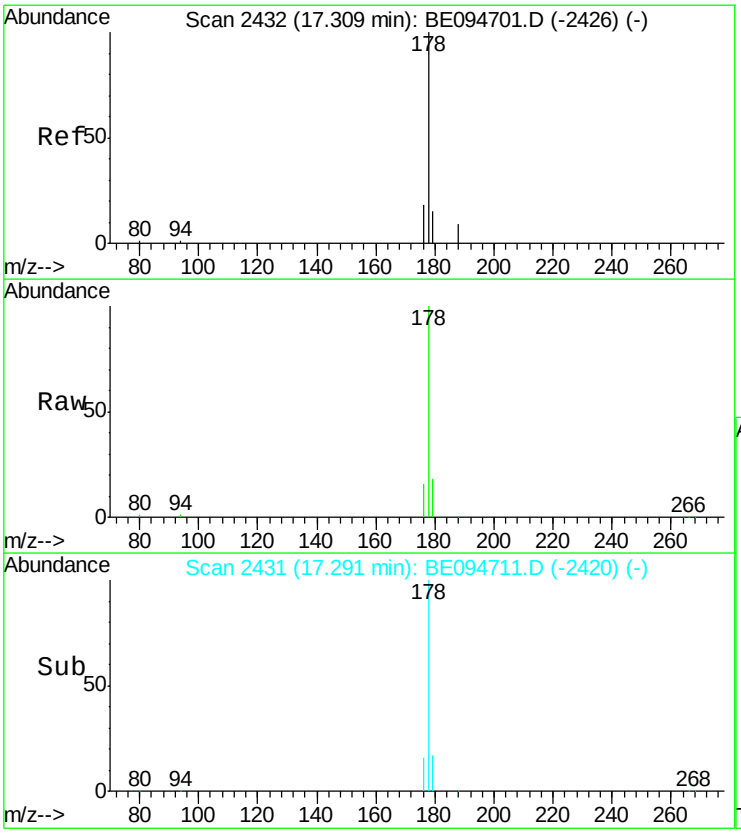
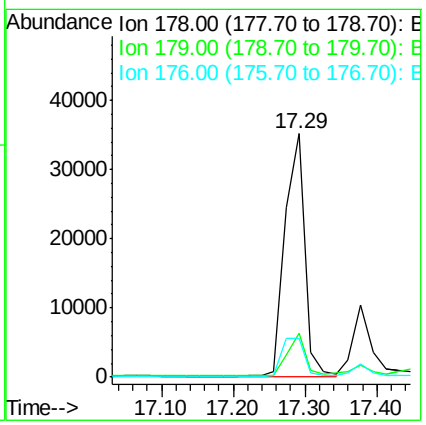


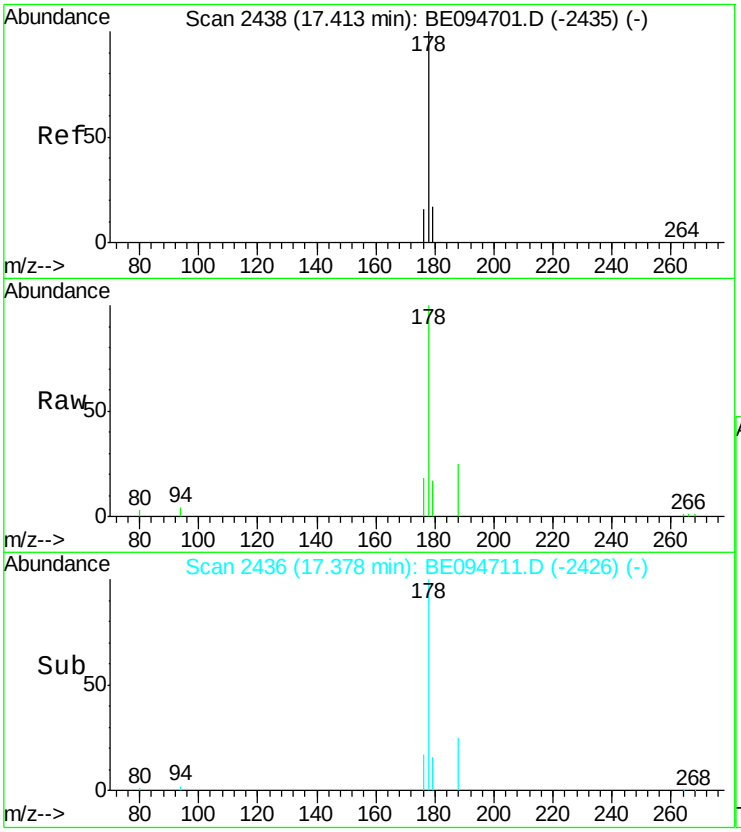


#12
Phenanthrene
Concen: 2.373 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:178 Resp: 66941

Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	15.9	13.6	20.4

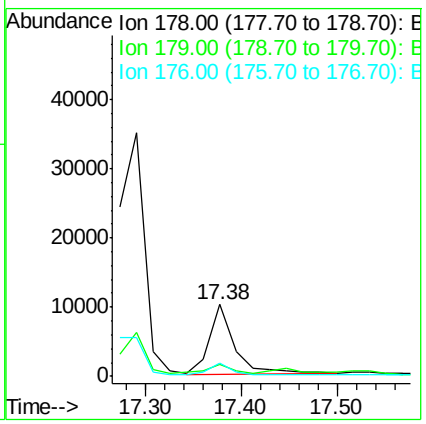




#13
Anthracene
Concen: 0.635 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:178 Resp: 17677

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	18.1	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

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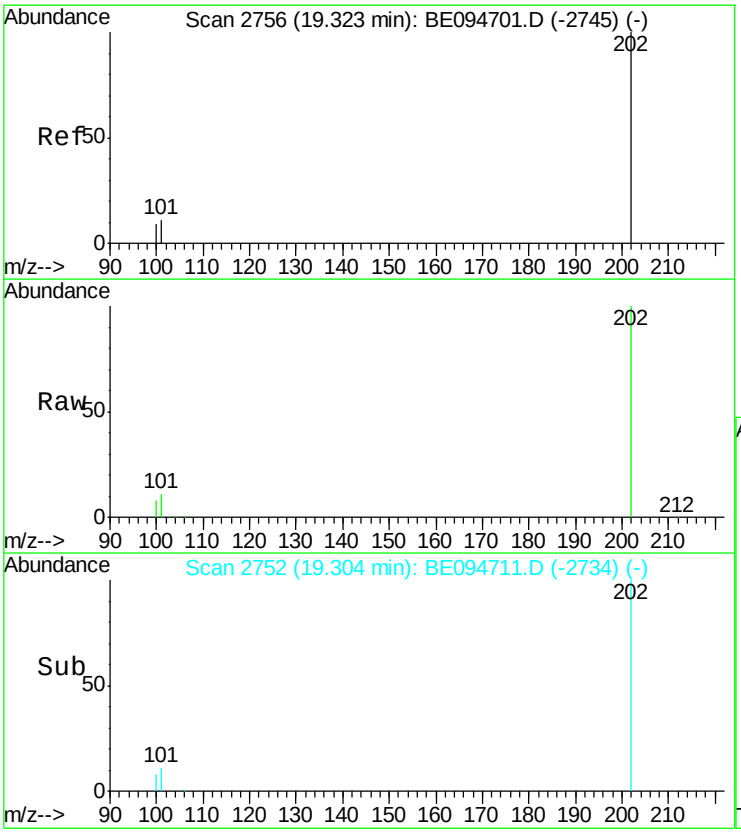
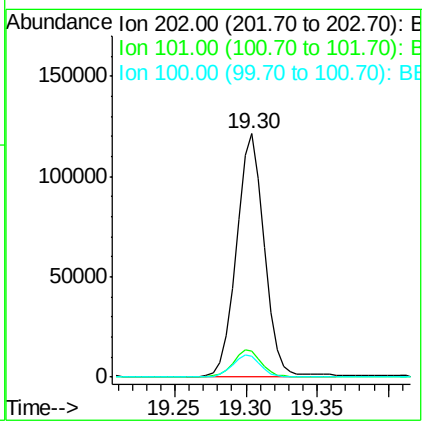
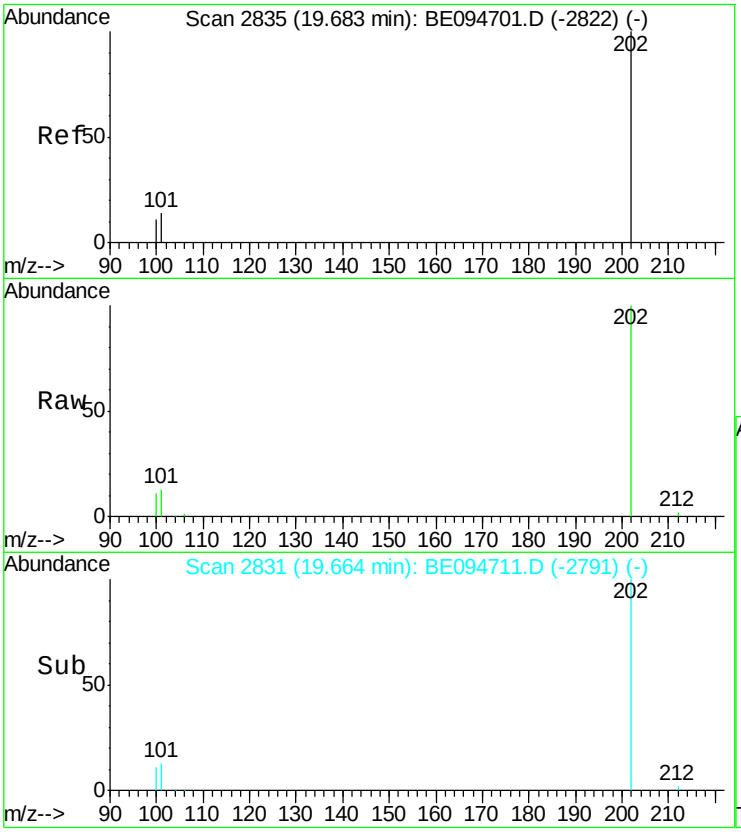


#15
Fluoranthene
Concen: 5.086 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:202 Resp: 165860

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5





#17
Pyrene
Concen: 4.616 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:202 Resp: 150440

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

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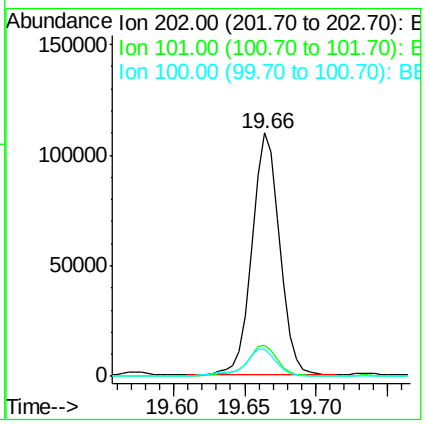
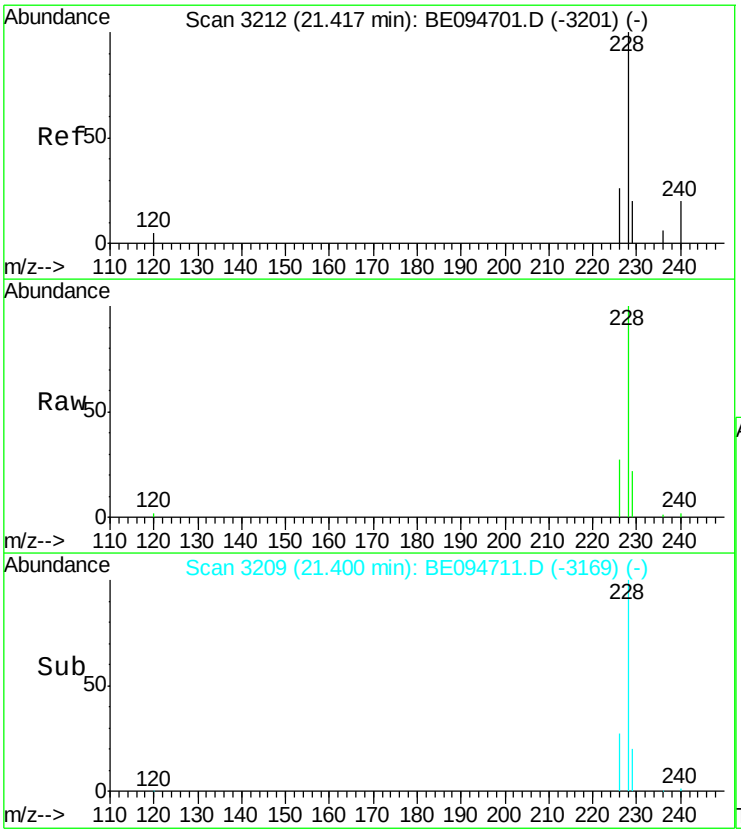
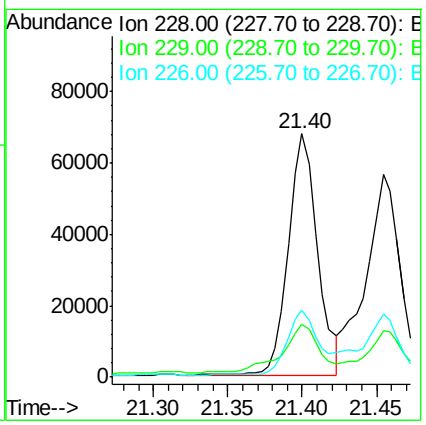


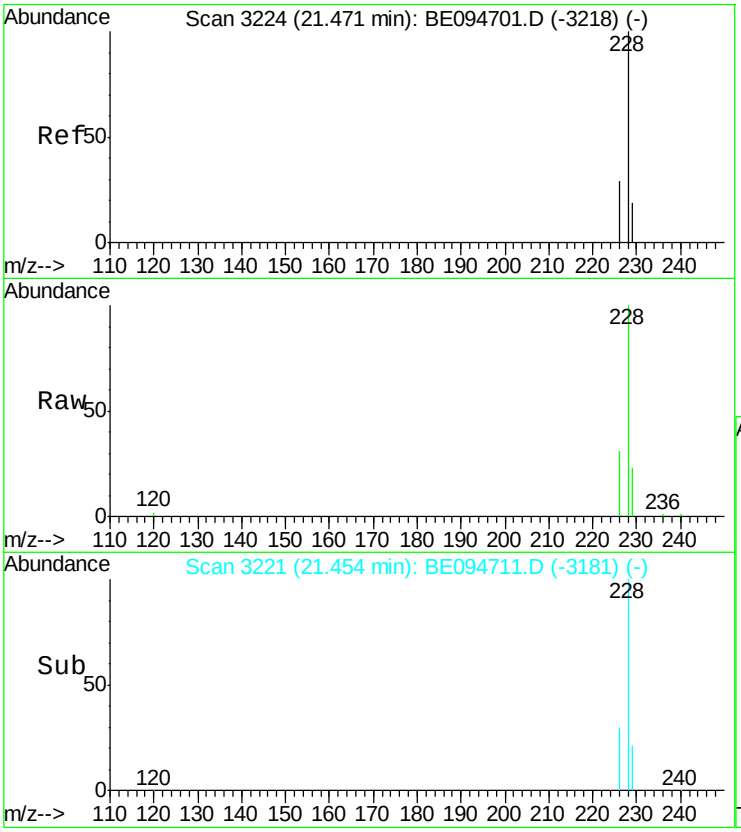


#18
Benzo(a)anthracene
Concen: 3.053 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:228 Resp: 91996

Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	27.4	17.0	25.6#

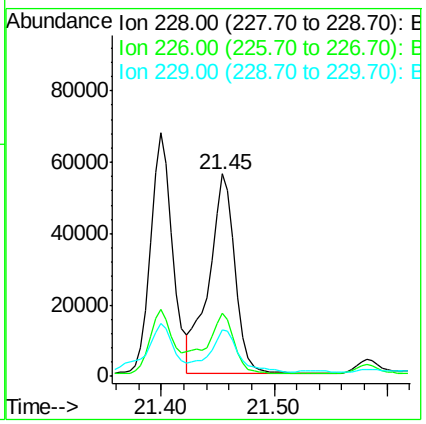




#19
Chrysene
Concen: 2.903 ng/ul
RT: 21.45 min Scan# 3221
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:228 Resp: 90440

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	22.7	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
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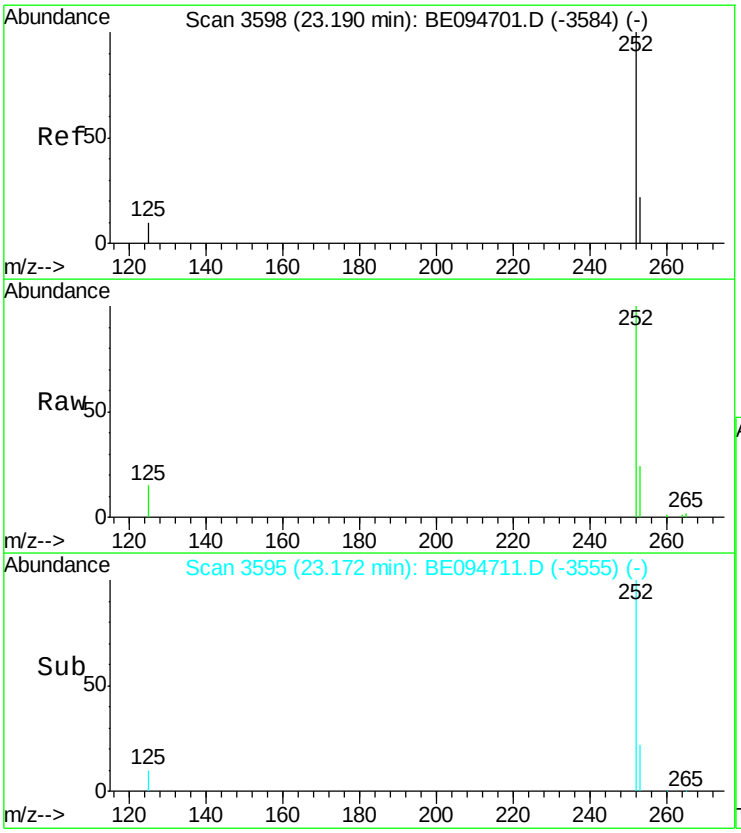
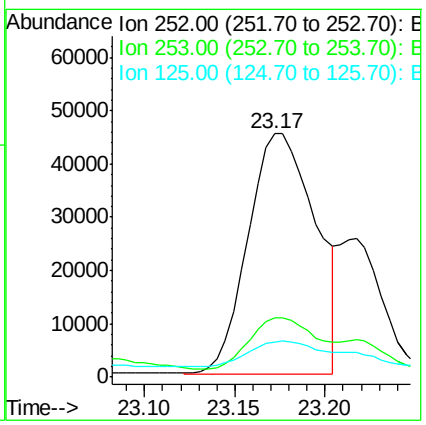
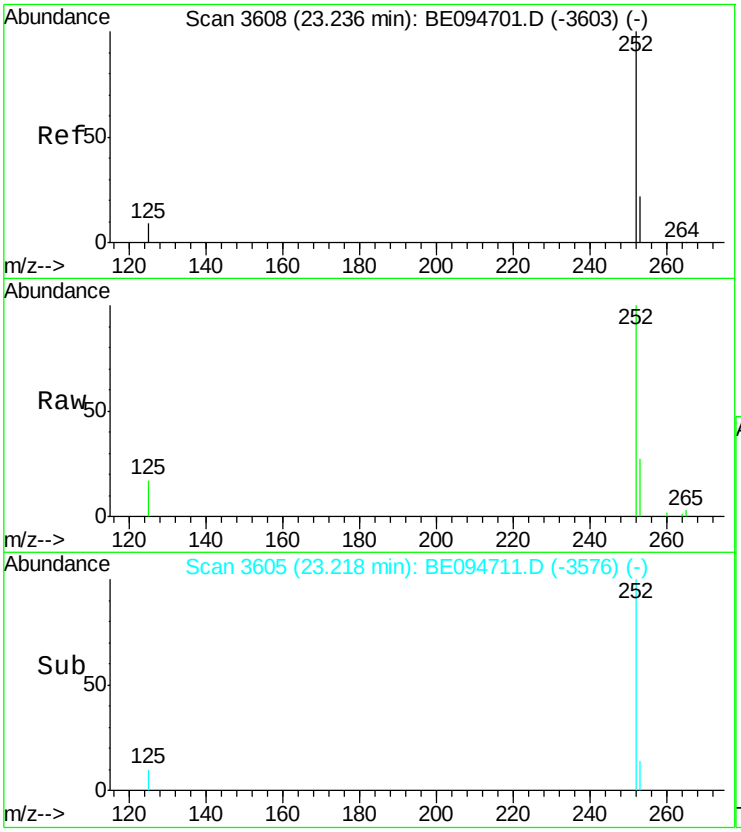


#21
Benzo(b)fluoranthene
Concen: 3.526 ng/ul m
RT: 23.17 min Scan# 3595
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:252 Resp: 117150

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	64.2
125	14.5	0.0	35.0

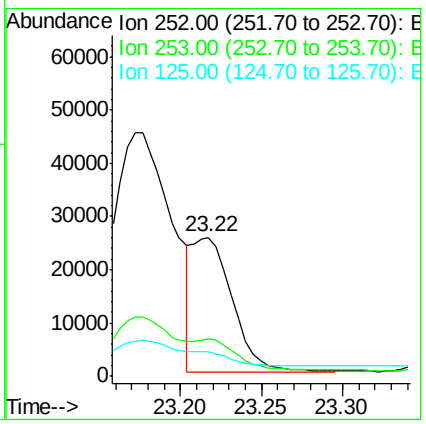




#22
Benzo(k)fluoranthene
Concen: 1.228 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:252 Resp: 43728

Ion	Ratio	Lower	Upper
252	100		
253	26.5	24.5	36.7
125	17.4	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
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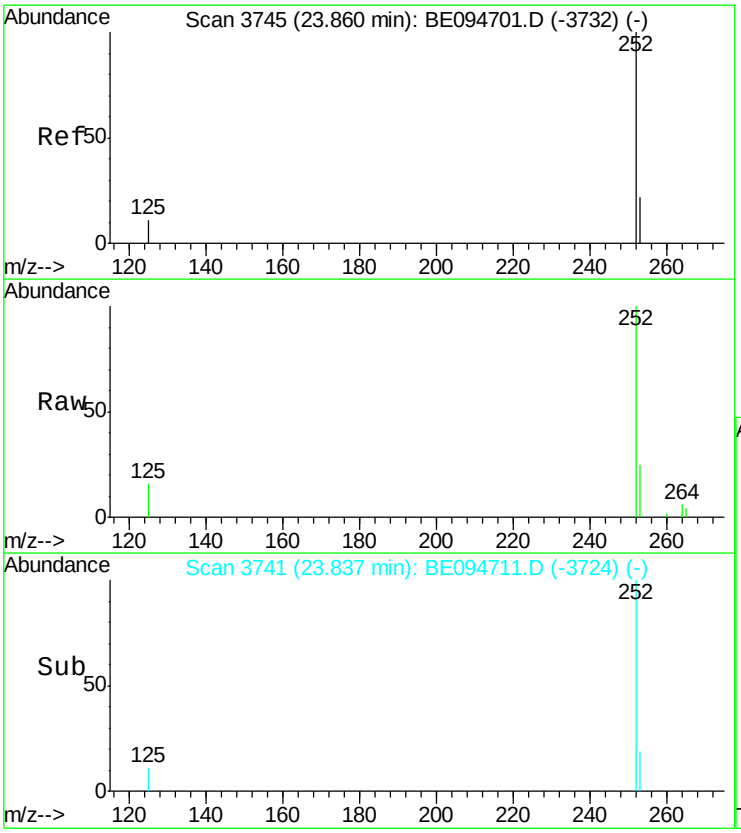
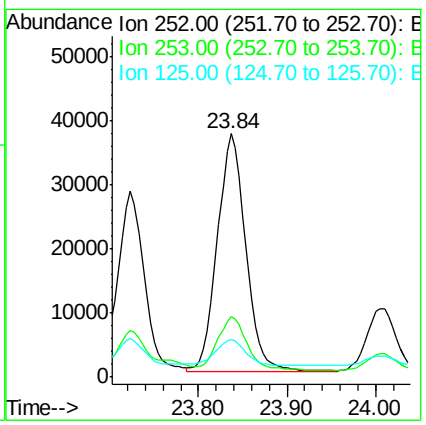
11/4/2017 2:15:22 PM

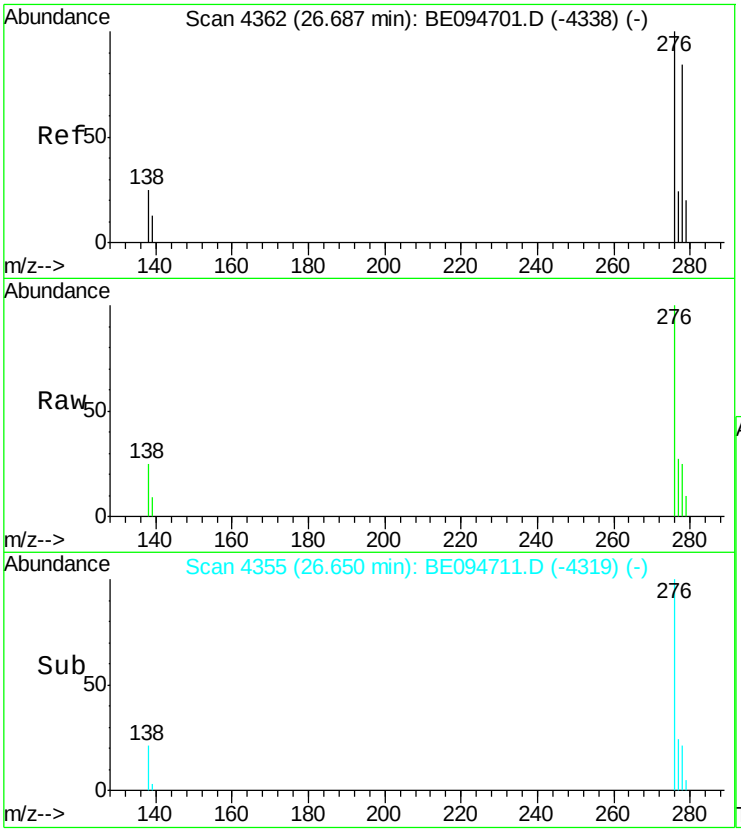


#23
Benzo(a)pyrene
Concen: 2.471 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:252 Resp: 82047

Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	15.6	18.1	27.1#





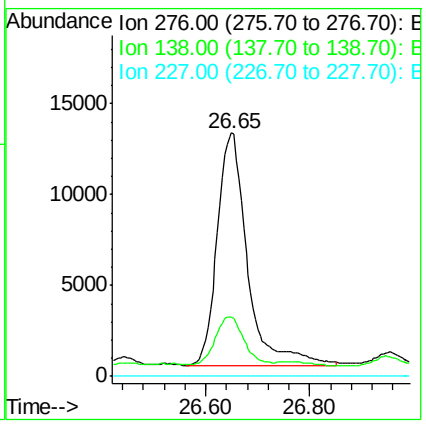
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.507 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

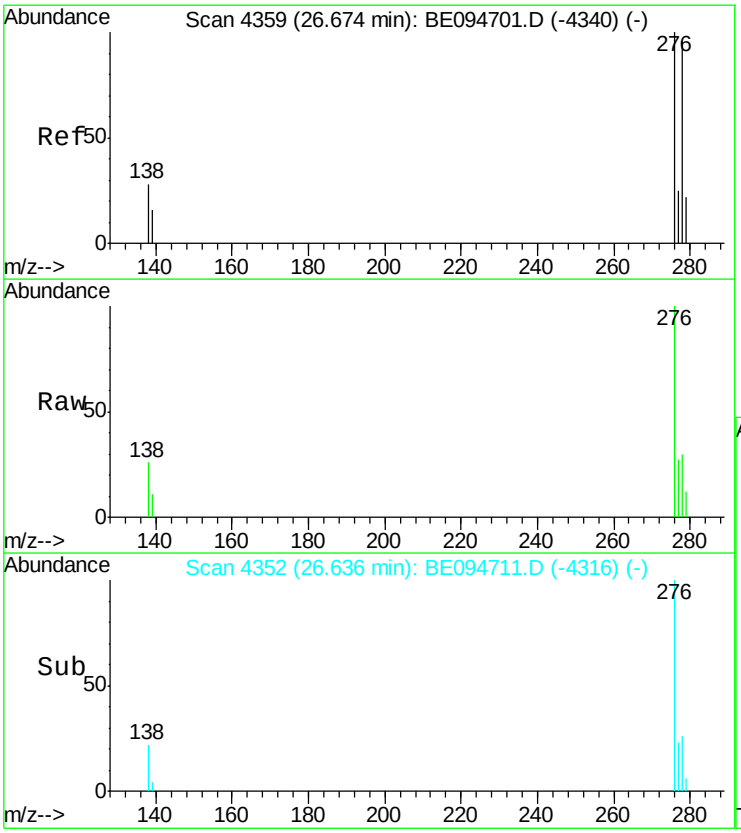
Tgt Ion:276 Resp: 51781

Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/4/2017 2:15:22 PM

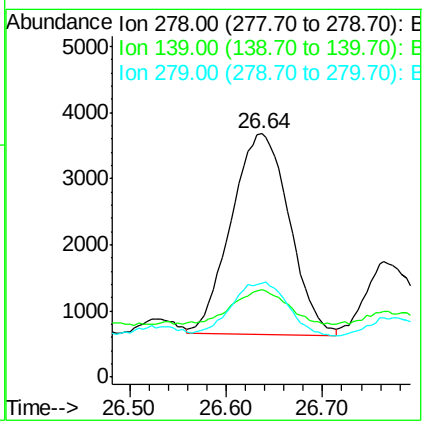


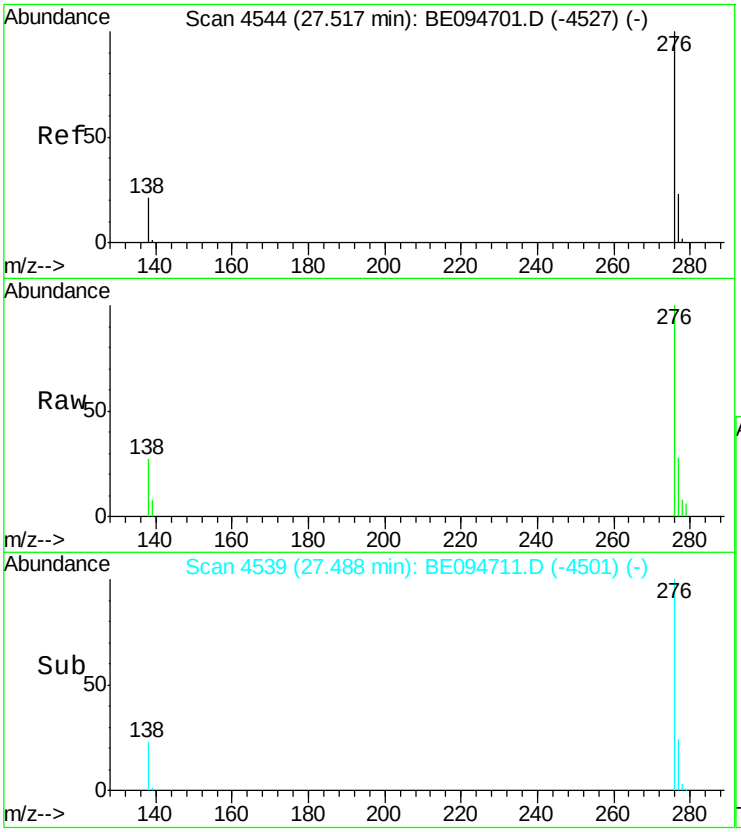


#25
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.64 min Scan# 4352
Delta R.T. -0.04 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:278 Resp: 12757

Ion	Ratio	Lower	Upper
278	100		
139	35.8	17.4	26.0#
279	38.6	25.9	38.9

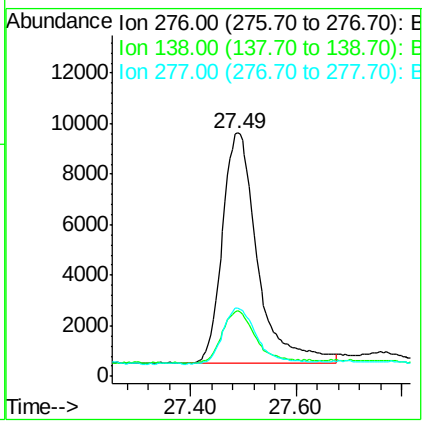




#26
Benzo(g,h,i)perylene
Concen: 1.530 ng/ul
RT: 27.49 min Scan# 4539
Delta R.T. -0.03 min
Lab File: BE094711.D
Acq: 3 Nov 2017 17:23

Tgt Ion:276 Resp: 42227

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.8
277	28.0	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/4/2017 2:15:22 PM