Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094721.D
Acq On : 3 Nov 2017 23:18
Operator : SJ/JU
Sample : I5902-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-65(1.5-2.7)-101317

Manual Integrations APPROVED

Quant Time: Nov 04 00:38:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1472	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8780	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4843	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10452	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10493	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	11521	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	802	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1938	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1660	0.077	ng/ul#	89
5) 2-Methylnaphthalene	12.35	142	711	0.047	ng/ul	100
7) Acenaphthylene	14.23	152	3103	0.142	ng/ul	97
8) Acenaphthene	14.57	153	931	0.059	ng/ul	92
9) Fluorene	15.56	166	1131	0.064	ng/ul#	89
12) Phenanthrene	17.29	178	19409m	0.703	ng/ul	
13) Anthracene	17.38	178	5699	0.209	ng/ul	94
15) Fluoranthene	19.30	202	27058	0.848	ng/ul	84
17) Pyrene	19.66	202	25756	0.794	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	20188	0.673	ng/ul#	87
19) Chrysene	21.45	228	21256	0.686	ng/ul	92
21) Benzo(b)fluoranthene	23.17	252	35507m	1.096	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	10688m	0.308	ng/ul	
23) Benzo(a)pyrene	23.84	252	27042	0.835	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.65	276	17195	0.513	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	3934	0.139	ng/ul#	57
26) Benzo(g,h,i)perylene	27.49	276	14601	0.542	ng/ul	92

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

Quantitation Report (QT Reviewed)

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Data File : BE094721.D
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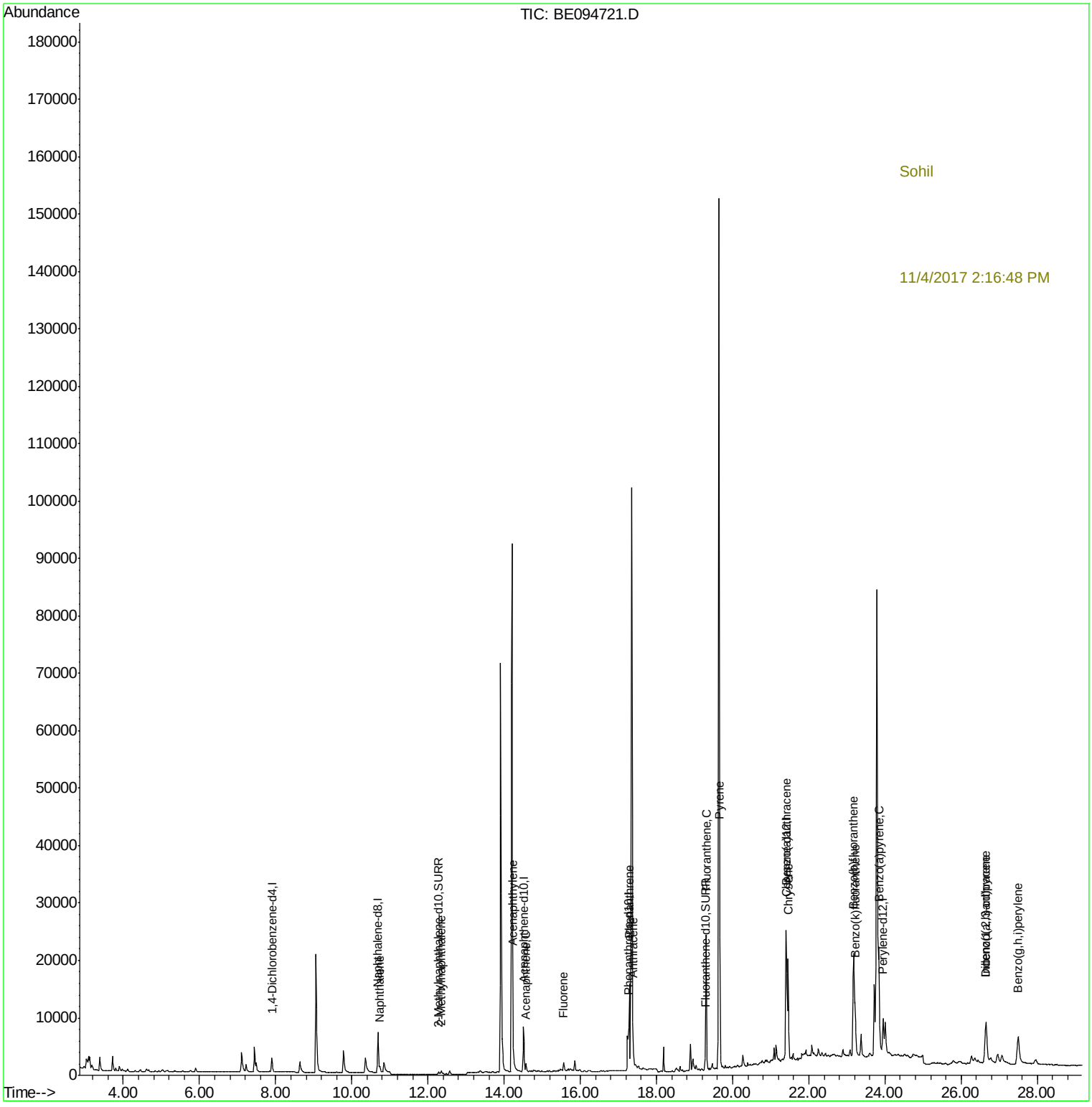
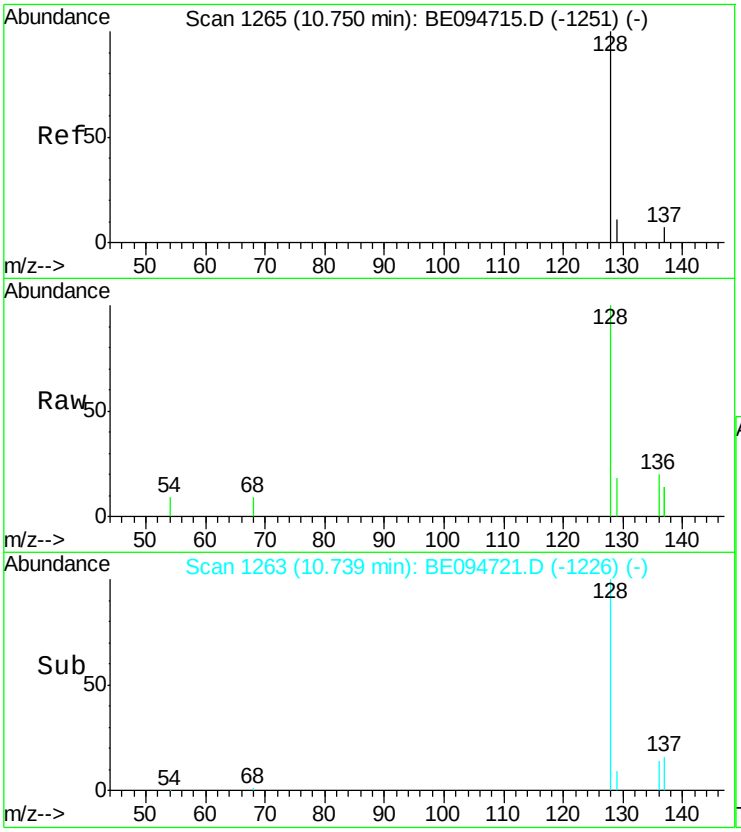
Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

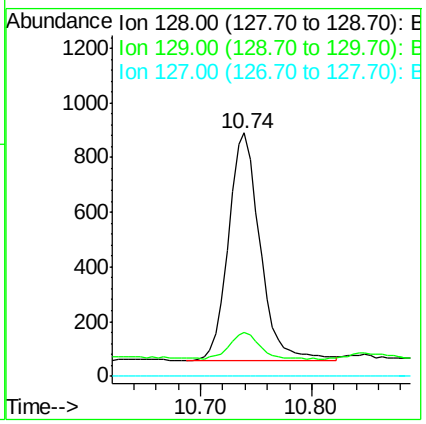




#3
Naphthalene
Concen: 0.077 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:128 Resp: 1660

Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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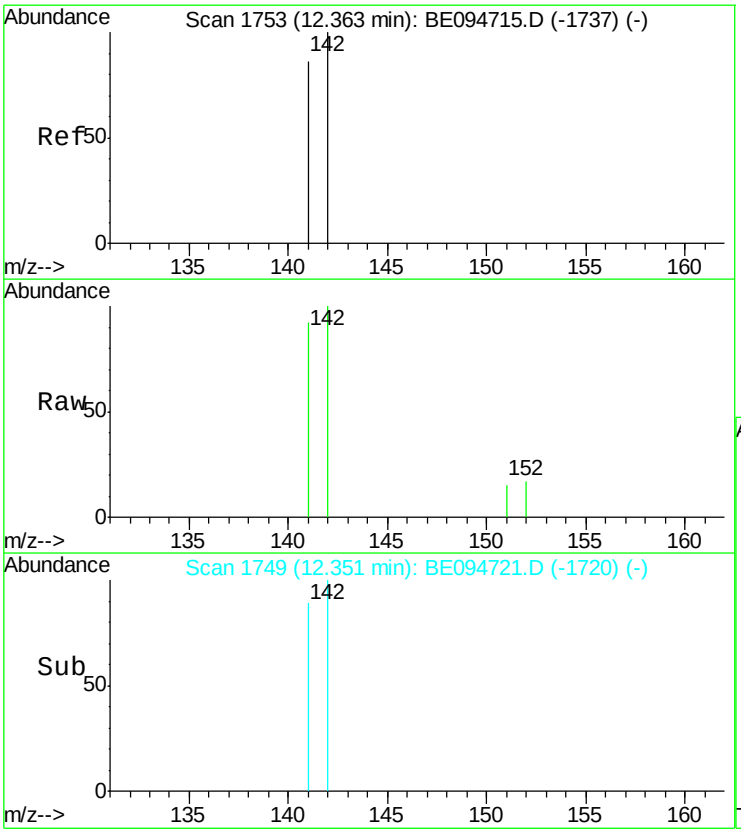
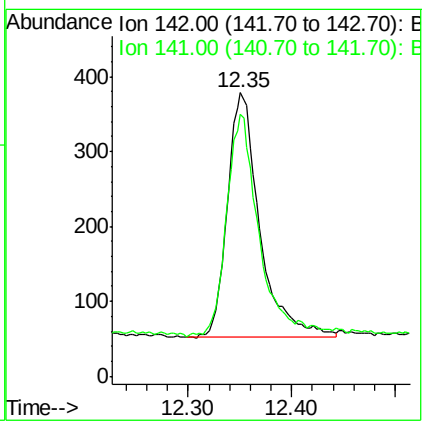
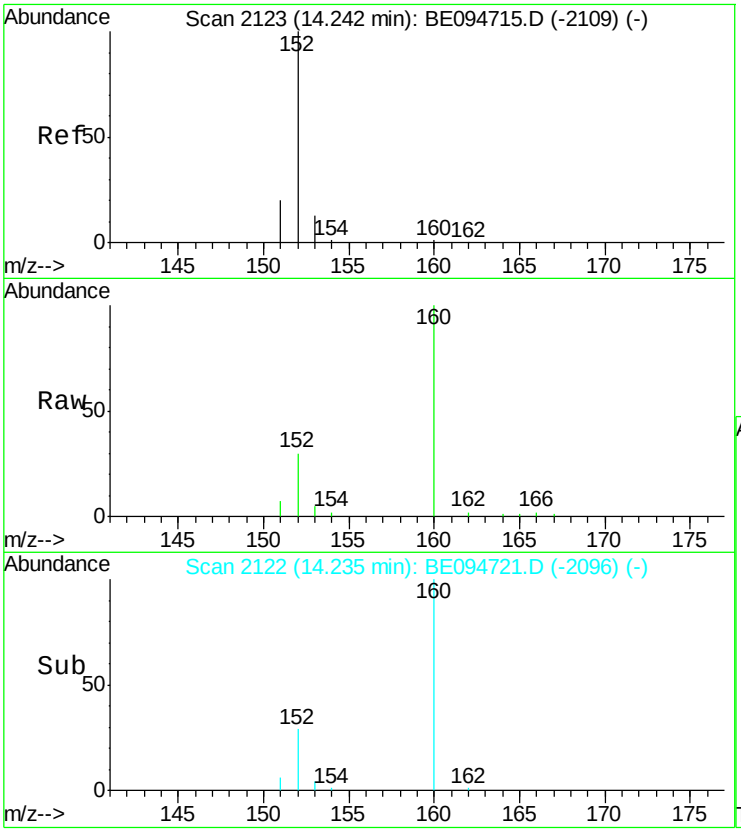


#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:142 Resp: 711

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

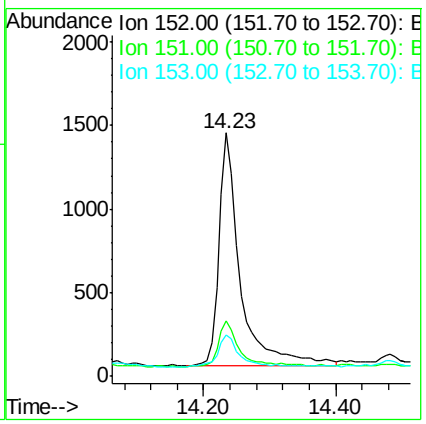




#7
Acenaphthylene
Concen: 0.142 ng/ul
RT: 14.23 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:152 Resp: 3103

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	17.2	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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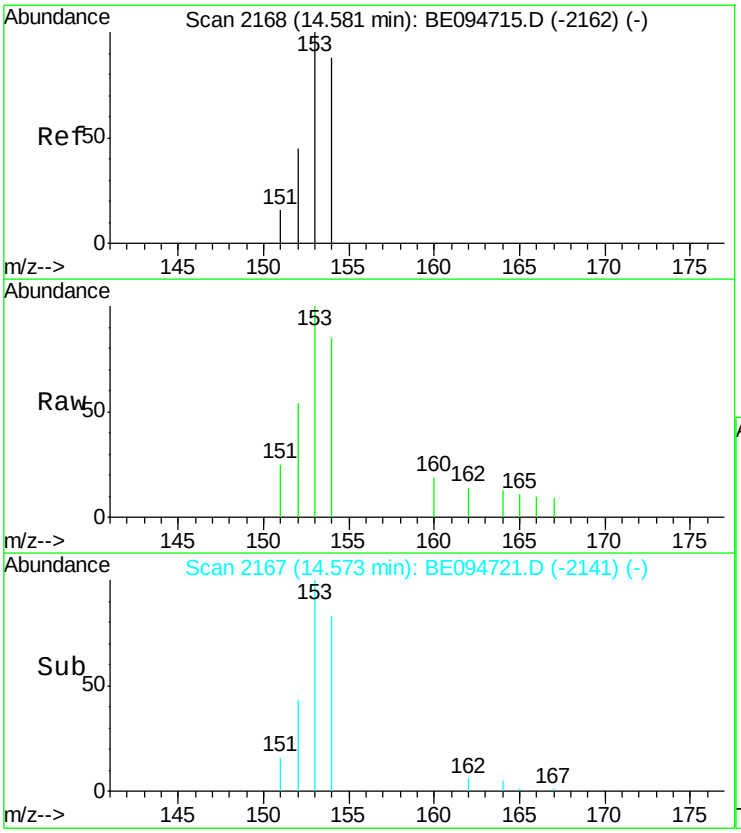
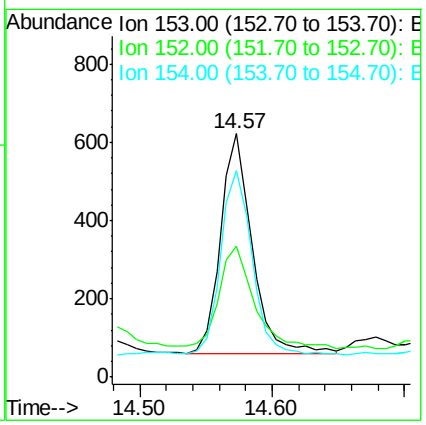
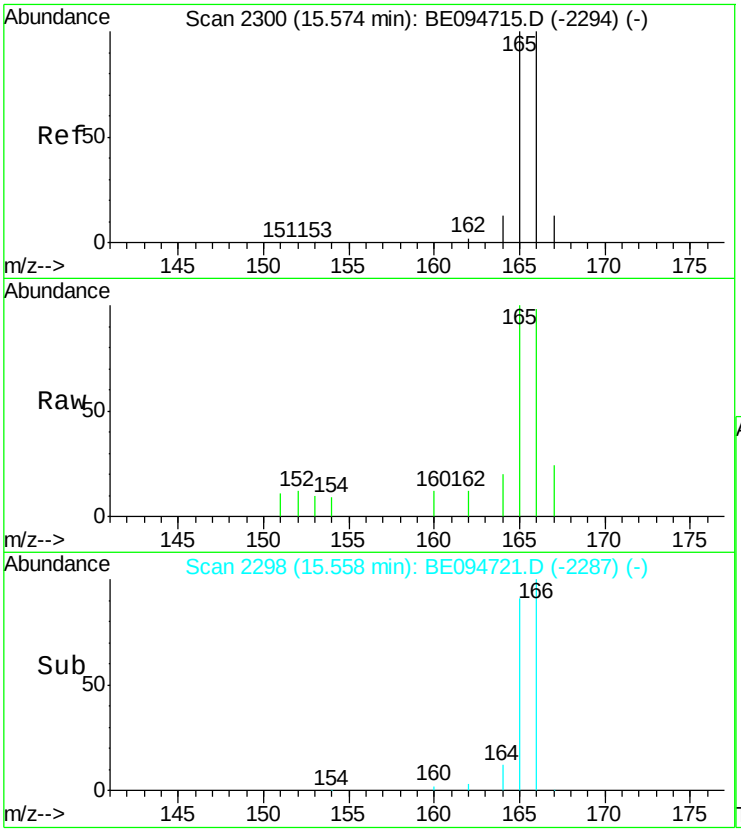


#8
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.57 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:153 Resp: 931

Ion	Ratio	Lower	Upper
153	100		
152	53.7	36.0	54.0
154	84.9	72.0	108.0

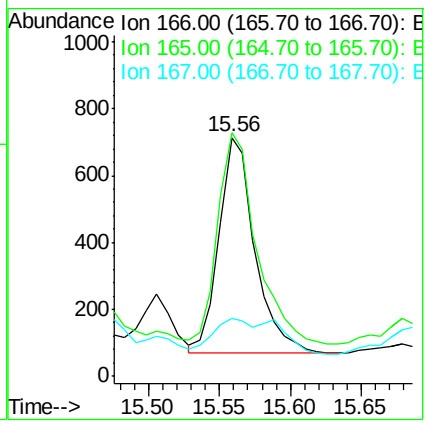




#9
Fluorene
Concen: 0.064 ng/ul
RT: 15.56 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:166 Resp: 1131

Ion	Ratio	Lower	Upper
166	100		
165	102.1	73.4	110.2
167	24.1	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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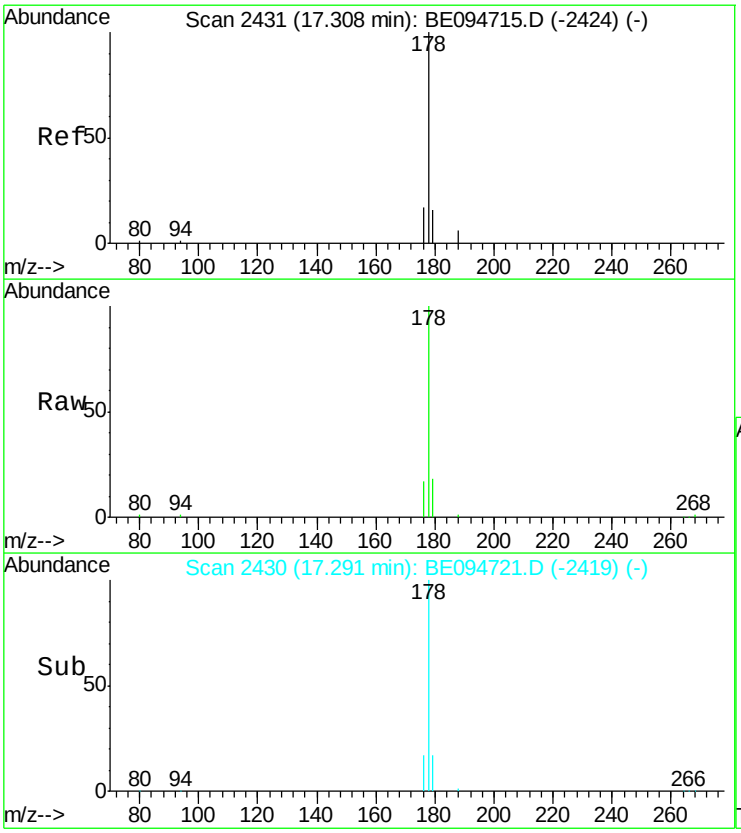
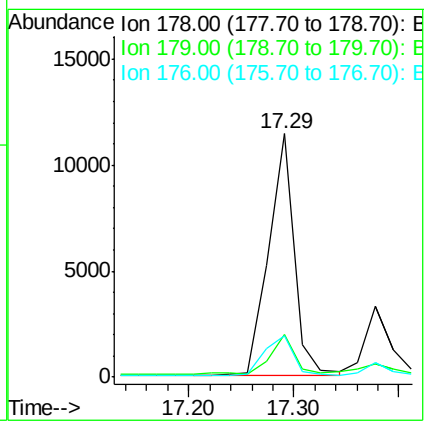
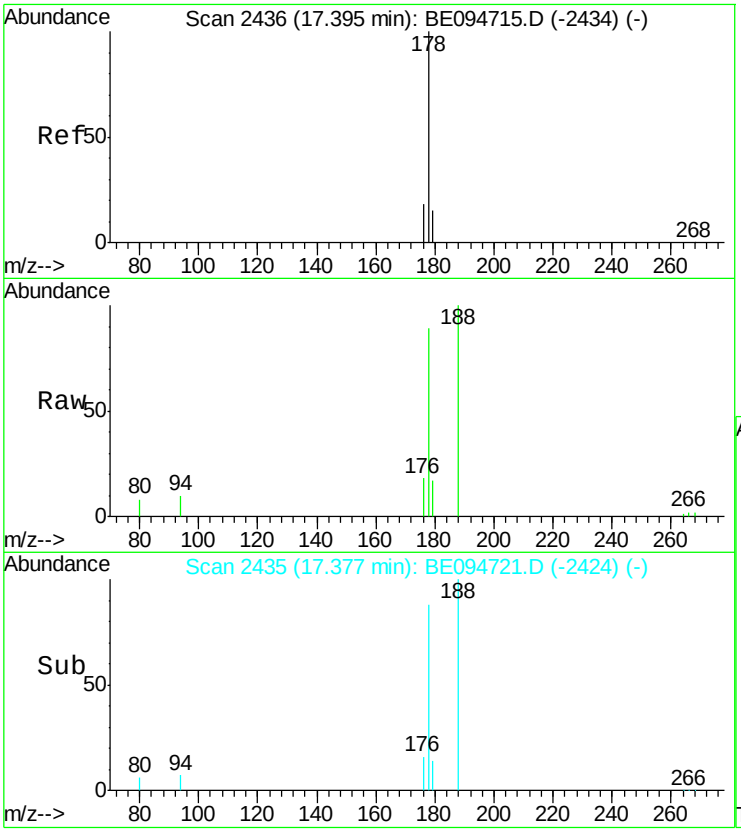


#12
Phenanthrene
Concen: 0.703 ng/ul m
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:178 Resp: 19409

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	17.2	13.6	20.4

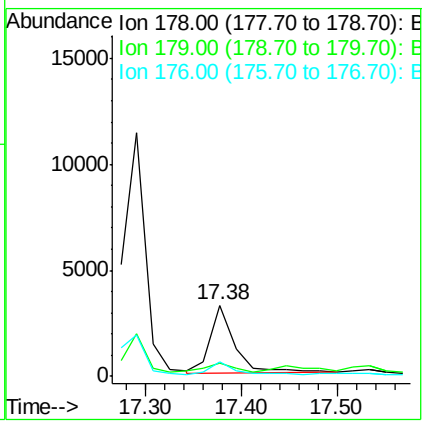




#13
Anthracene
Concen: 0.209 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:178 Resp: 5699

Ion	Ratio	Lower	Upper
178	100		
179	18.9	18.1	27.1
176	20.0	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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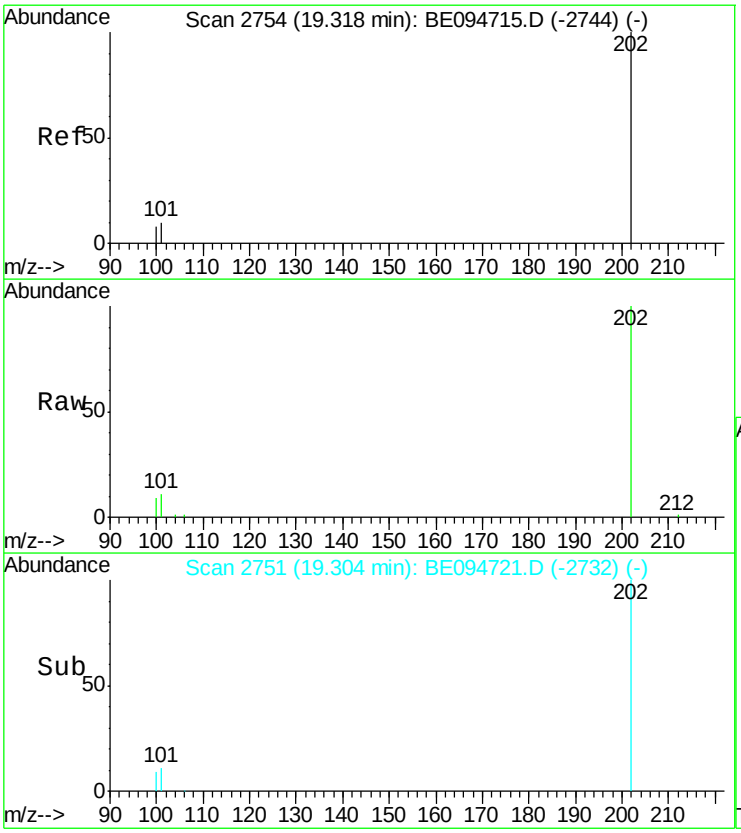
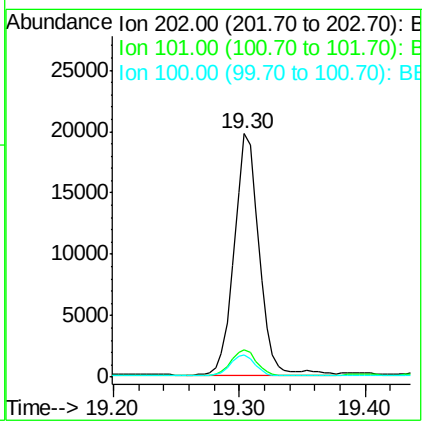
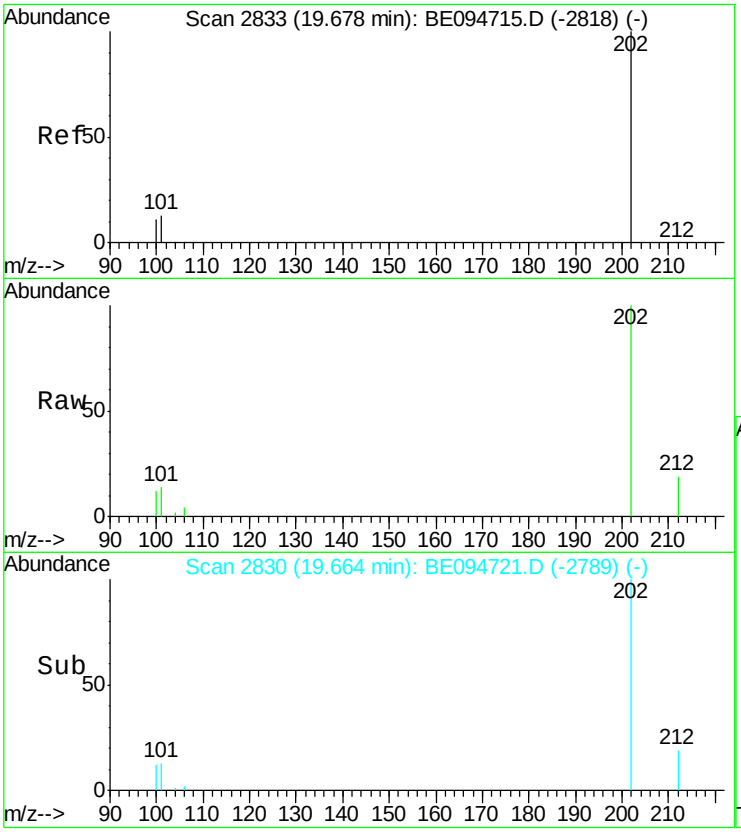


#15
Fluoranthene
Concen: 0.848 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:202 Resp: 27058

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.2	0.0	39.5





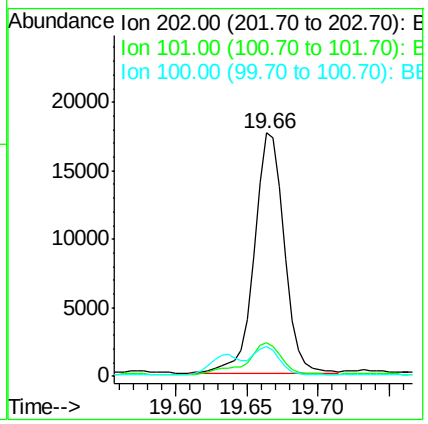
#17
Pyrene
Concen: 0.794 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:202 Resp: 25756

Ion	Ratio	Lower	Upper
202	100		
101	13.8	18.2	27.4#
100	12.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED



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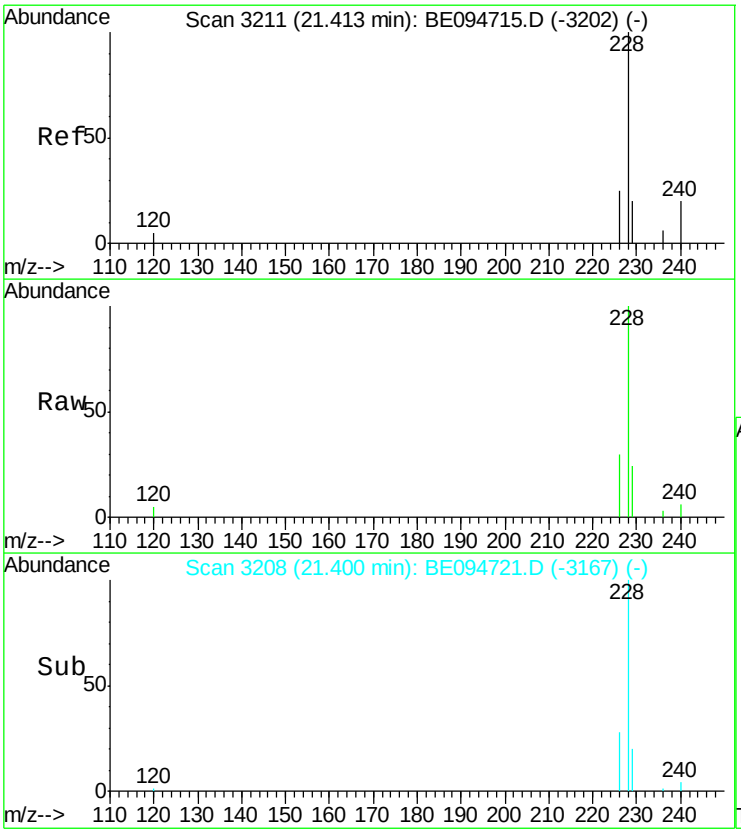
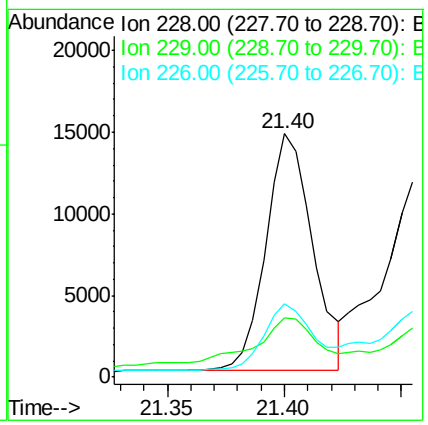
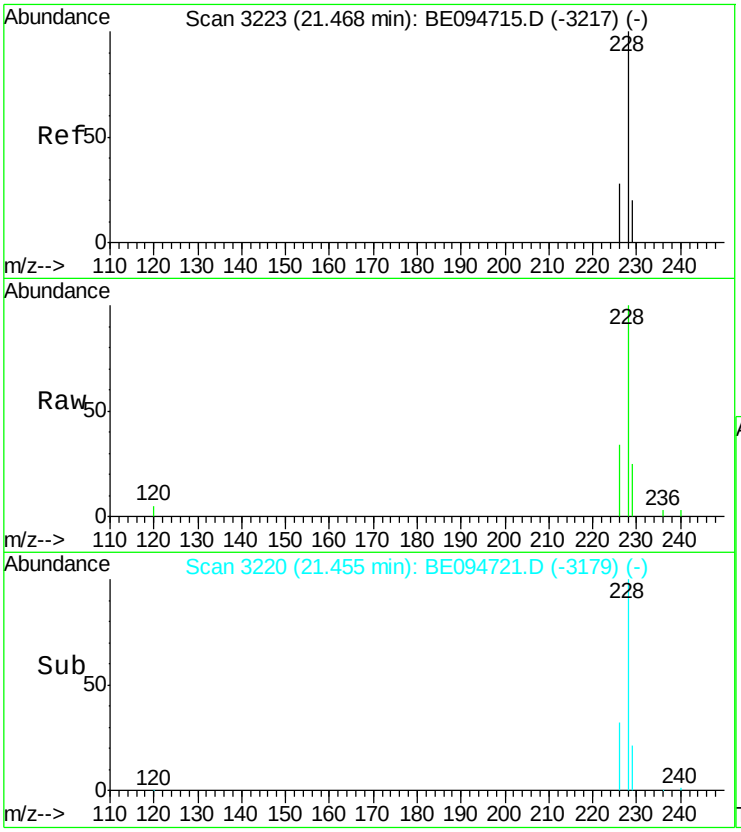


#18
Benzo(a)anthracene
Concen: 0.673 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:228 Resp: 20188

Ion	Ratio	Lower	Upper
228	100		
229	24.2	22.8	34.2
226	30.0	17.0	25.6#

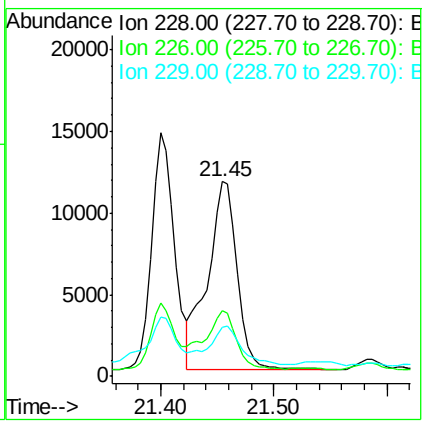




#19
Chrysene
Concen: 0.686 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:228 Resp: 21256

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.0
229	25.4	17.7	26.5



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ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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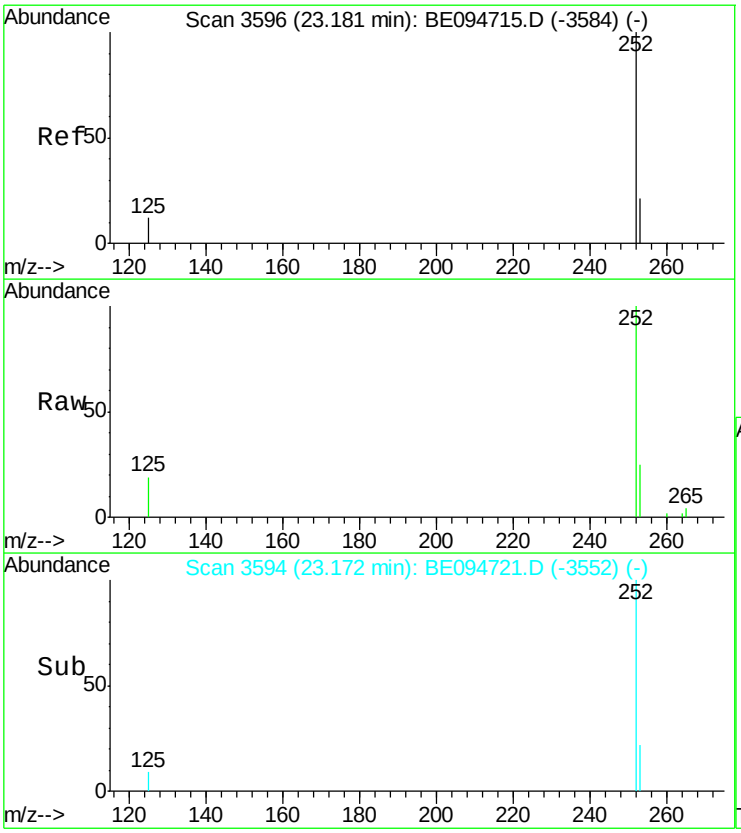
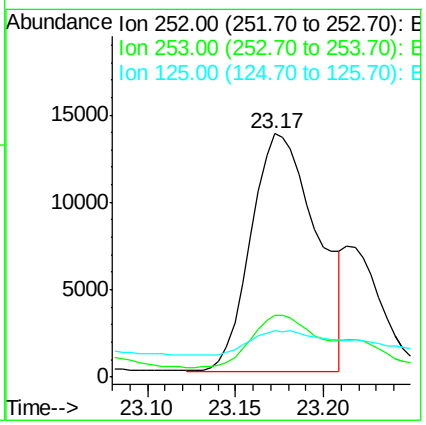
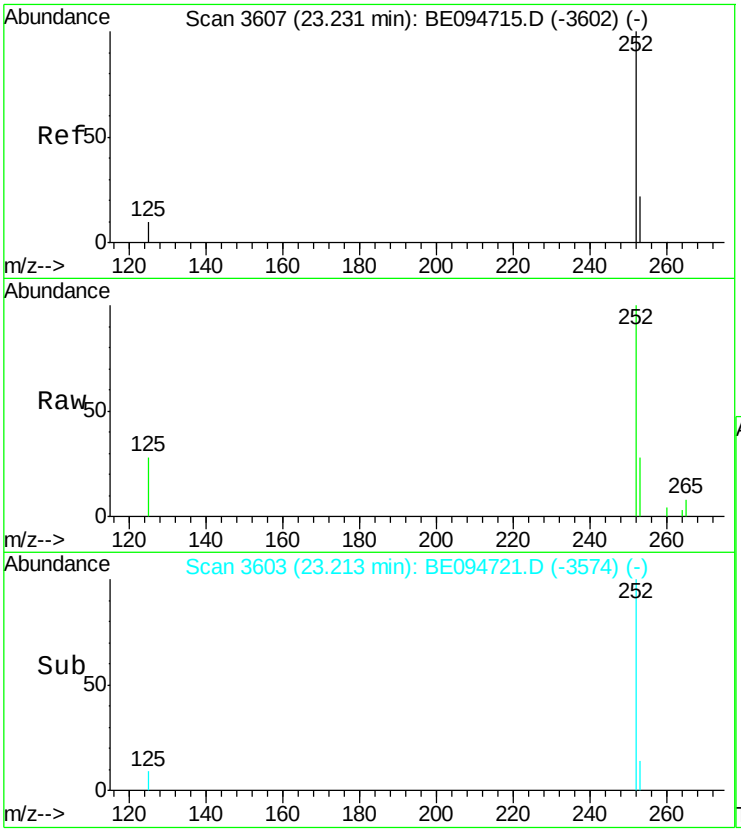


#21
Benzo(b)fluoranthene
Concen: 1.096 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:252 Resp: 35507

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	64.2
125	19.3	0.0	35.0

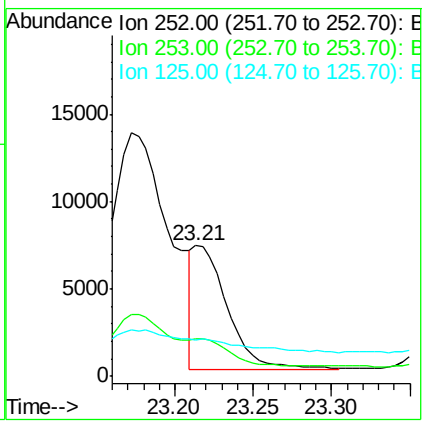




#22
Benzo(k)fluoranthene
Concen: 0.308 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:252 Resp: 10688

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	27.8	13.7	20.5#



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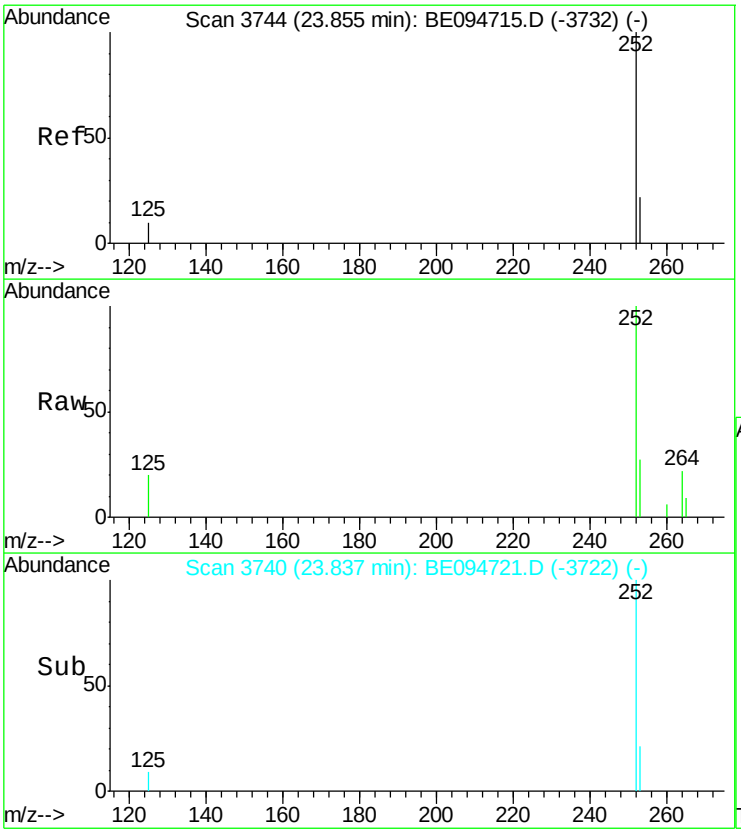
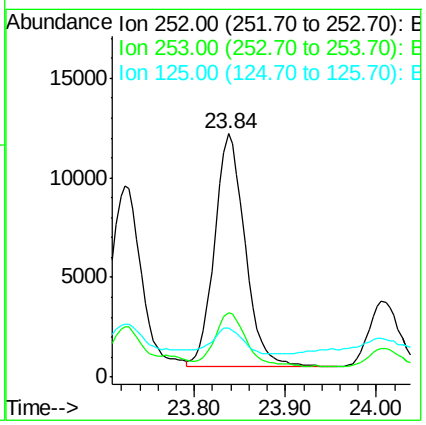
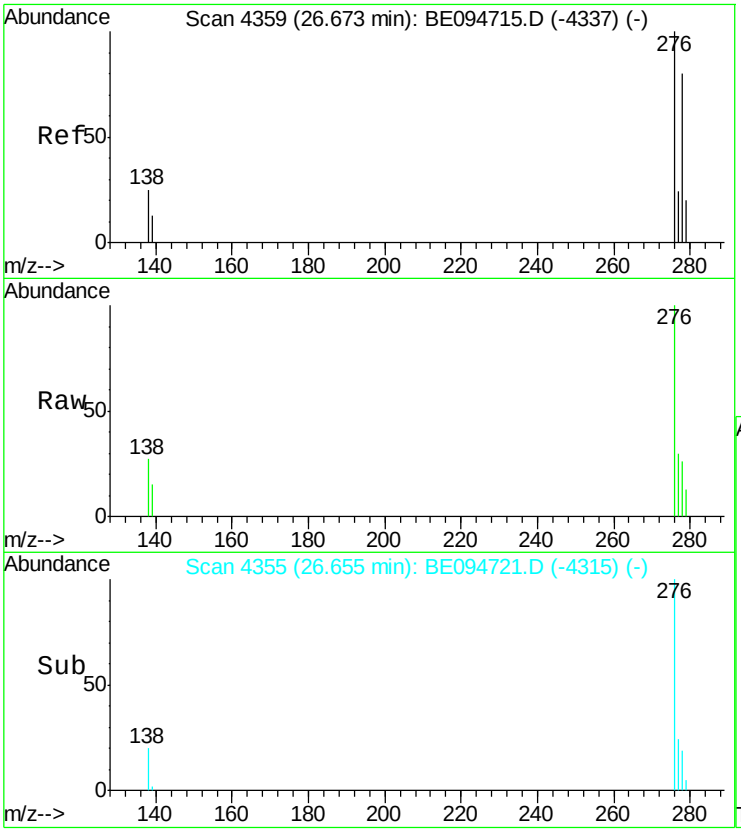


#23
Benzo(a)pyrene
Concen: 0.835 ng/ul
RT: 23.84 min Scan# 3740
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:252 Resp: 27042

Ion	Ratio	Lower	Upper
252	100		
253	26.7	28.5	42.7#
125	20.1	18.1	27.1

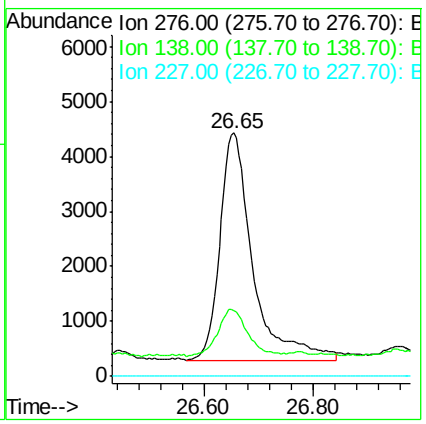




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:276 Resp: 17195

Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

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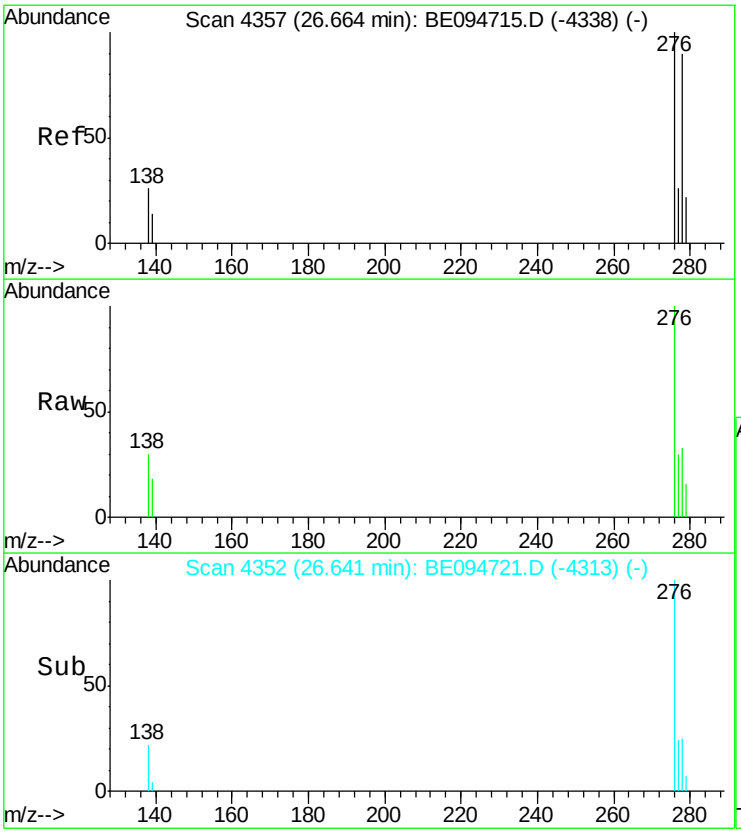
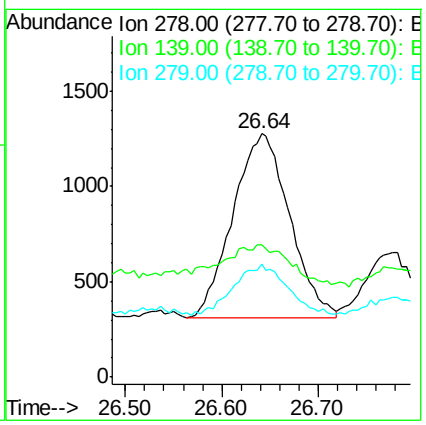
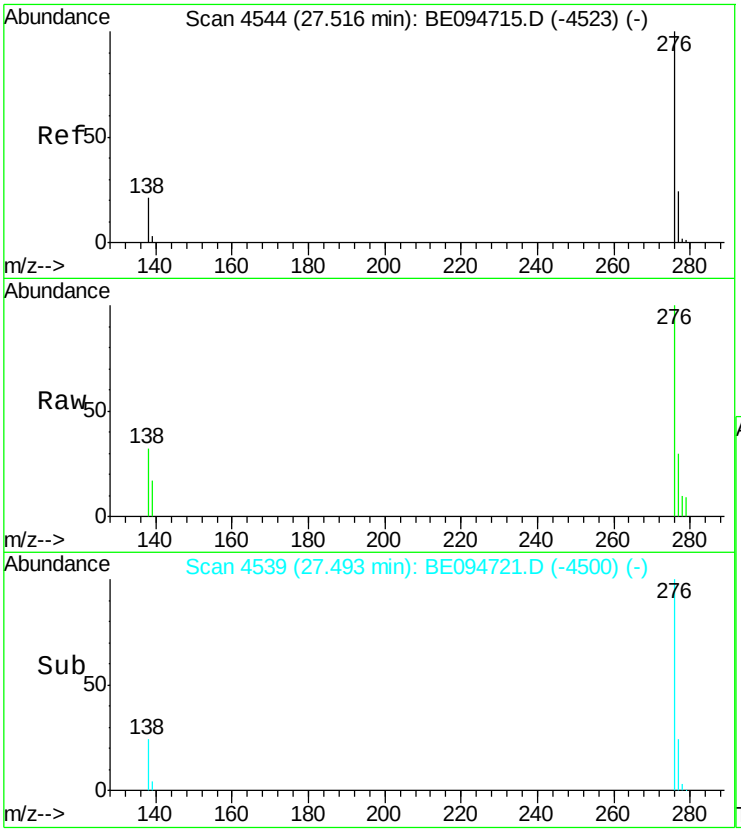


#25
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 26.64 min Scan# 4352
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:278 Resp: 3934

Ion	Ratio	Lower	Upper
278	100		
139	54.3	17.4	26.0#
279	46.5	25.9	38.9#

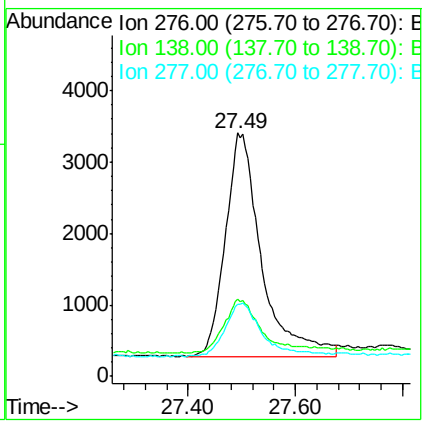




#26
Benzo(g,h,i)perylene
Concen: 0.542 ng/ul
RT: 27.49 min Scan# 4539
Delta R.T. -0.02 min
Lab File: BE094721.D
Acq: 3 Nov 2017 23:18

Tgt Ion:276 Resp: 14601

Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.8
277	29.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
B-65(1.5-2.7)-101317

Manual Integrations APPROVED

Sohil

11/4/2017 2:16:48 PM