Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094720.D
Acq On : 3 Nov 2017 22:42
Operator : SJ/JU
Sample : I5902-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-65(0.5-1.5)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:45 PM

Quant Time: Nov 04 00:35:59 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	1366	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7682	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4367	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9510	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9276	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9521	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	498	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1187	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	965	0.051	ng/ul#	80
5) 2-Methylnaphthalene	12.35	142	850	0.065	ng/ul	97
7) Acenaphthylene	14.24	152	1014	0.051	ng/ul#	85
8) Acenaphthene	14.58	153	301	0.021	ng/ul#	87
9) Fluorene	15.56	166	536	0.034	ng/ul#	80
12) Phenanthrene	17.29	178	11261	0.448	ng/ul#	94
13) Anthracene	17.38	178	1347m	0.054	ng/ul	
15) Fluoranthene	19.30	202	19923	0.686	ng/ul	84
17) Pyrene	19.67	202	22807	0.795	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	10177	0.384	ng/ul#	83
19) Chrysene	21.46	228	15636	0.570	ng/ul#	84
21) Benzo(b)fluoranthene	23.18	252	20105m	0.751	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	5813m	0.203	ng/ul	
23) Benzo(a)pyrene	23.84	252	11045	0.413	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	26.66	276	8466	0.306	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	2054	0.088	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	7965	0.358	ng/ul#	66

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094720.D
Acq On : 3 Nov 2017 22:42
Operator : SJ/JU
Sample : I5902-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 04 00:35:59 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

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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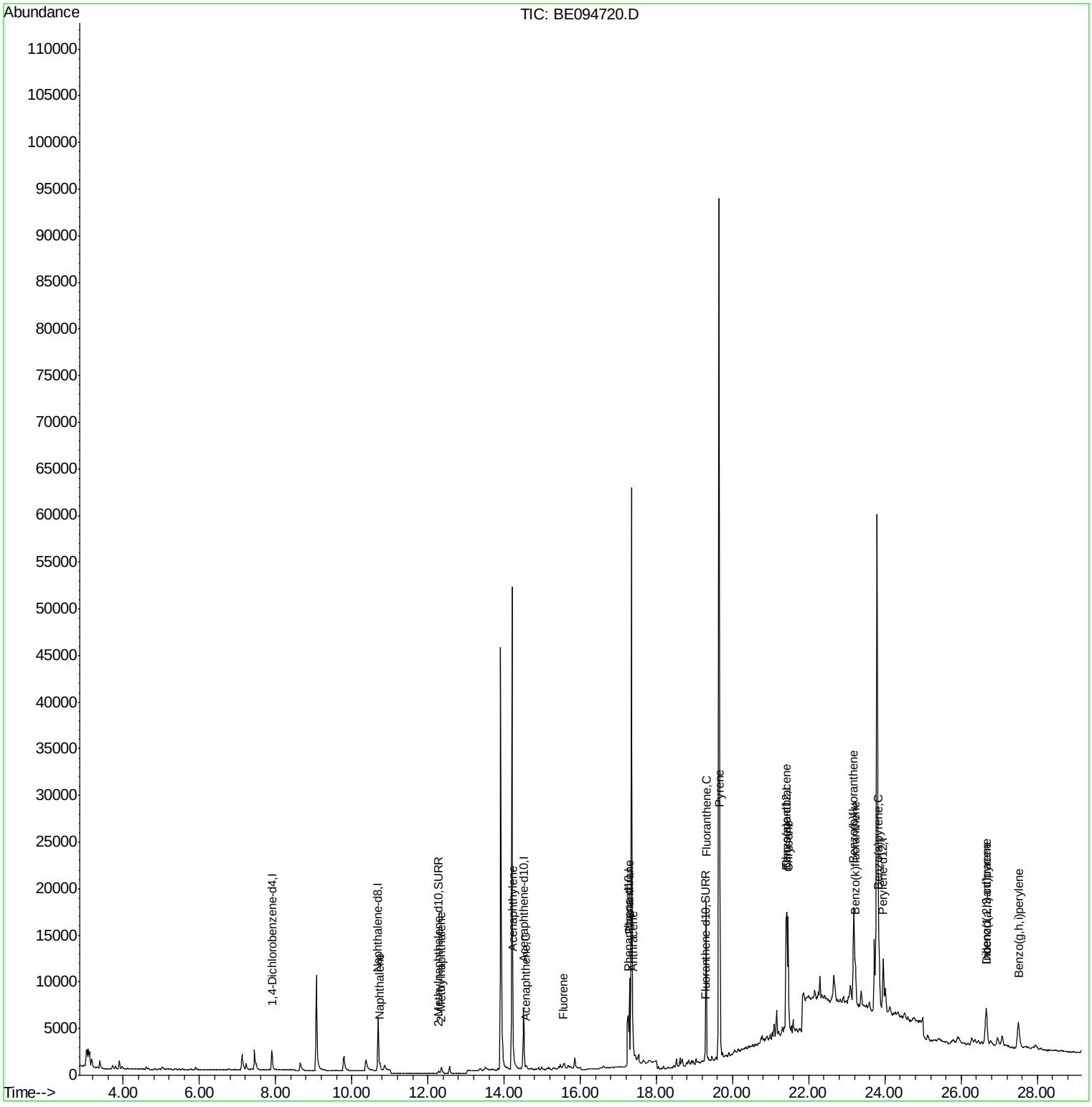

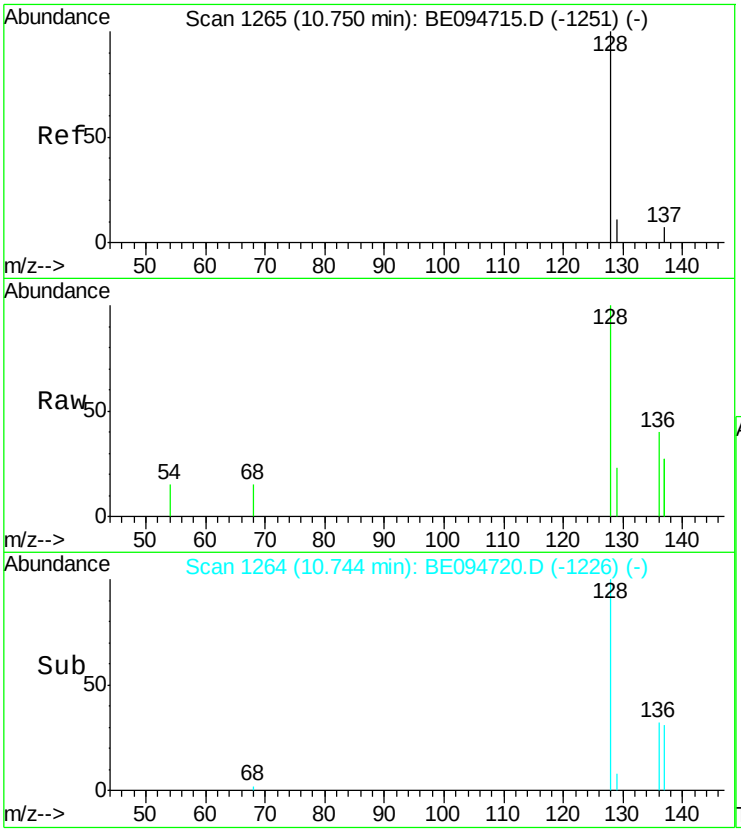

#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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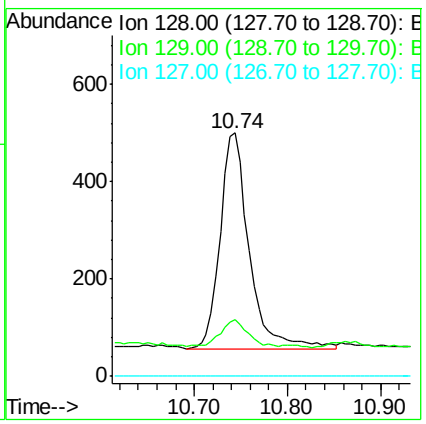
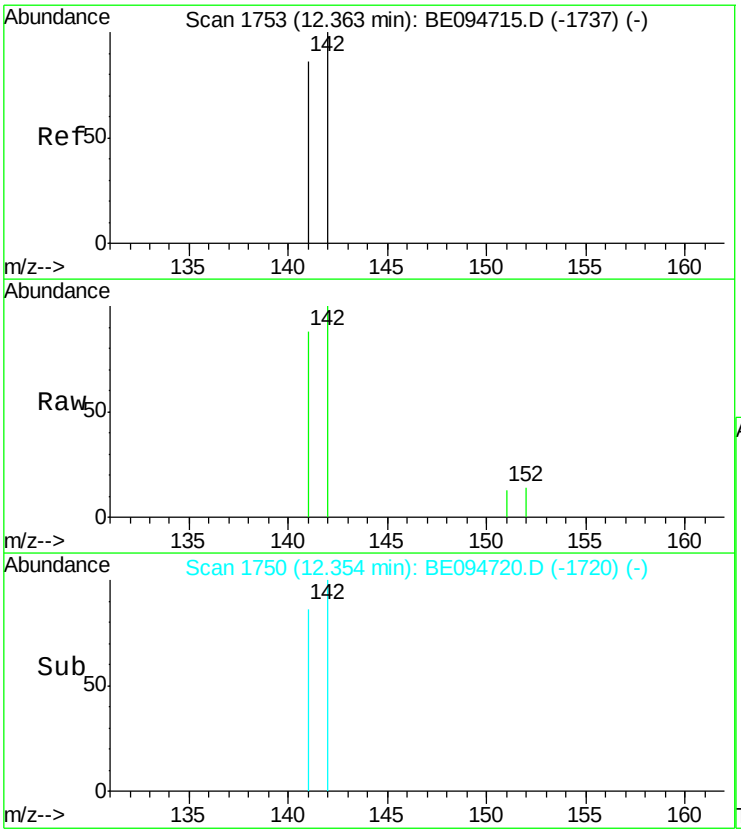
Tgt Ion:128 Resp: 965

Ion	Ratio	Lower	Upper
128	100		
129	23.2	11.3	16.9#
127	0.0	4.0	6.0#

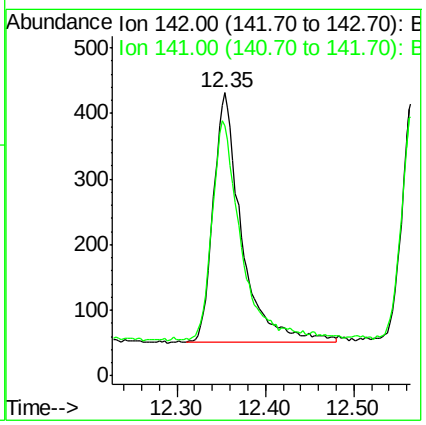


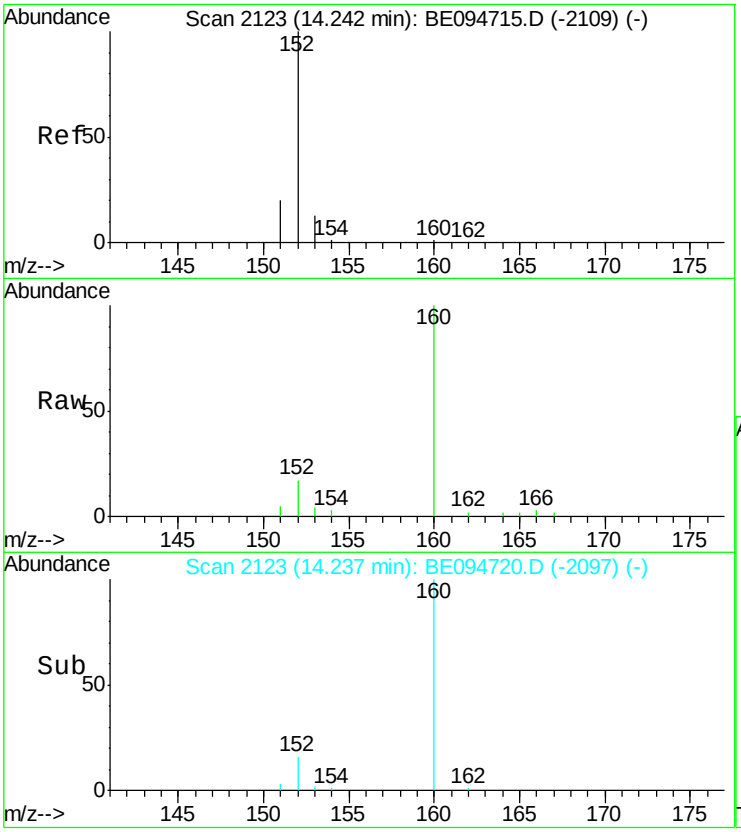


#5
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:142 Resp: 850

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:152 Resp: 1014

Ion	Ratio	Lower	Upper
152	100		
151	28.0	17.1	25.7#
153	22.8	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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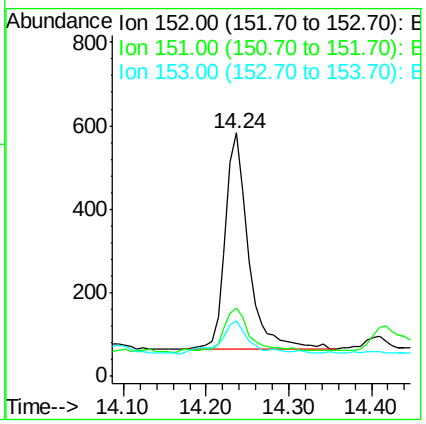
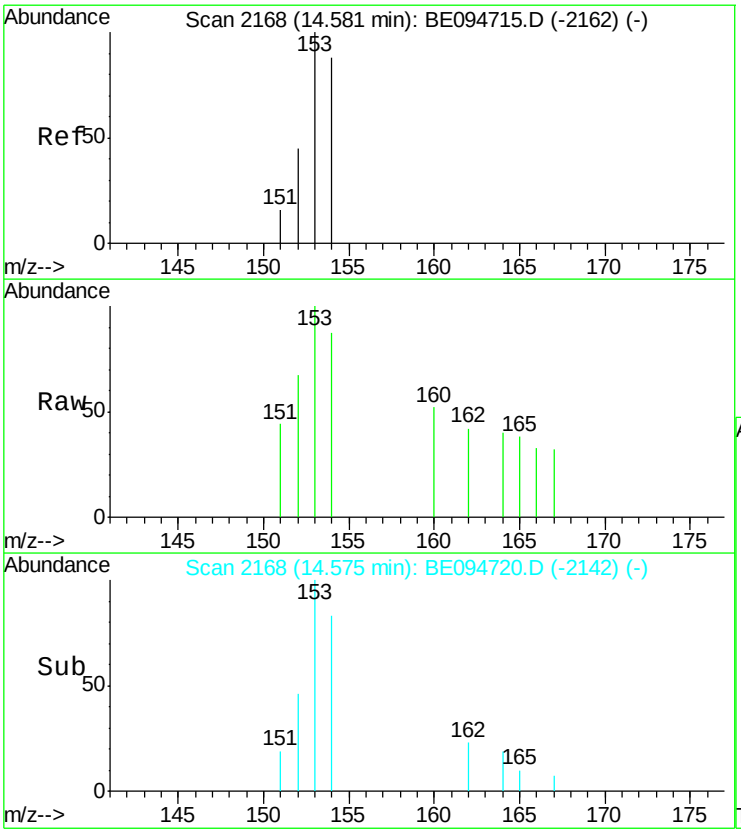
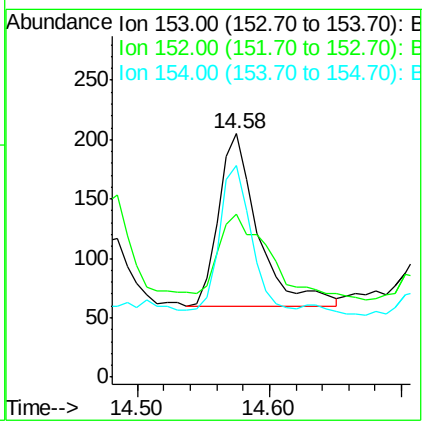


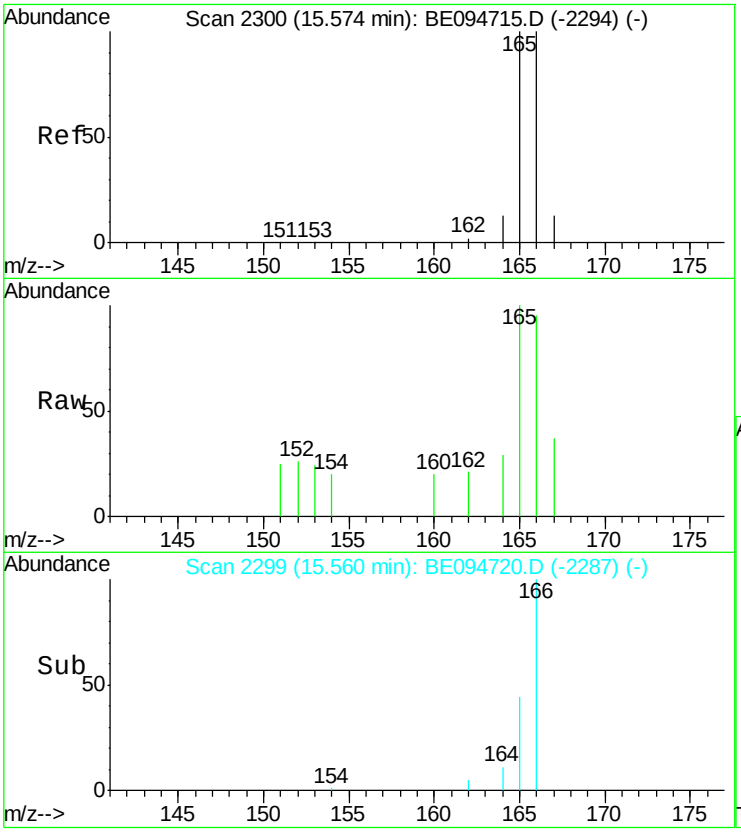


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:153 Resp: 301

Ion	Ratio	Lower	Upper
153	100		
152	66.8	36.0	54.0#
154	86.8	72.0	108.0

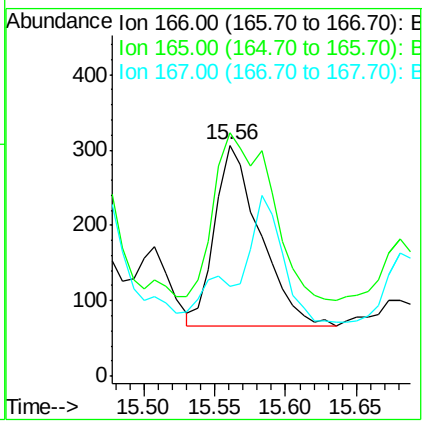




#9
Fluorene
Concen: 0.034 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:166 Resp: 536

Ion	Ratio	Lower	Upper
166	100		
165	105.6	73.4	110.2
167	38.9	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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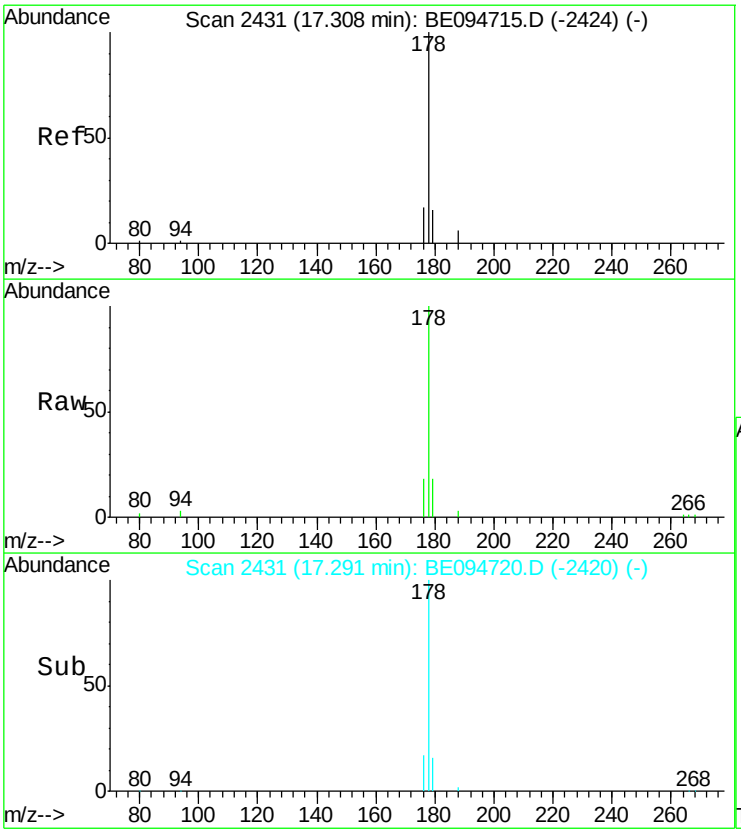
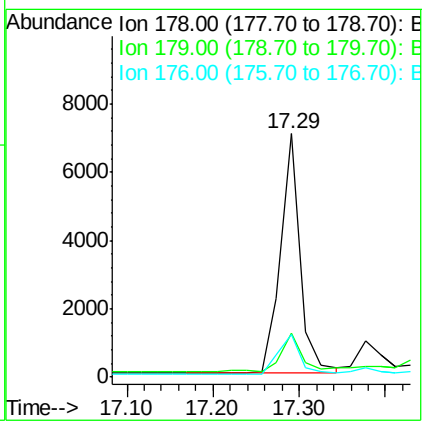
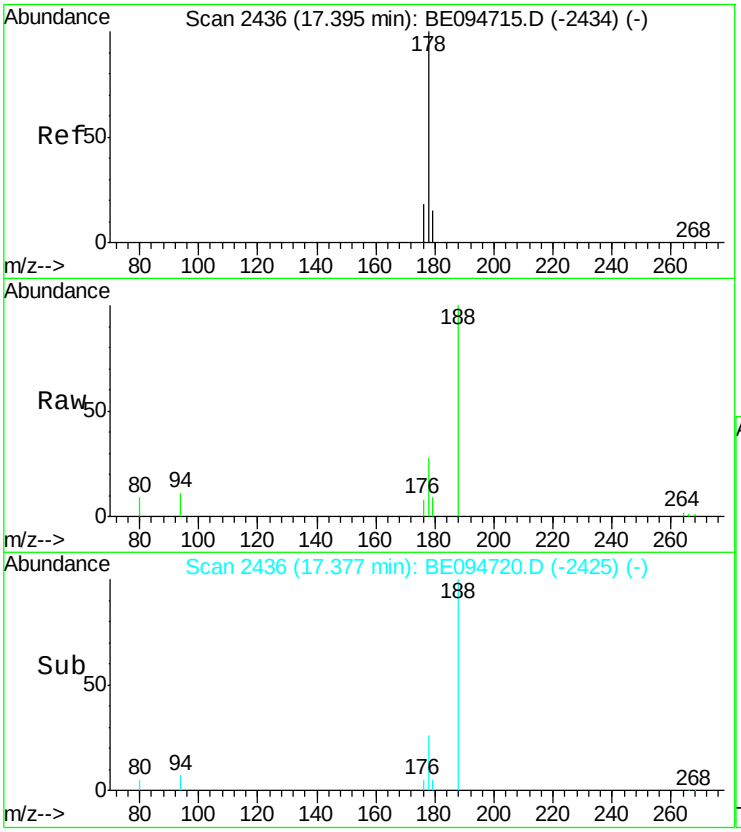


#12
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:178 Resp: 11261

Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	17.8	13.6	20.4

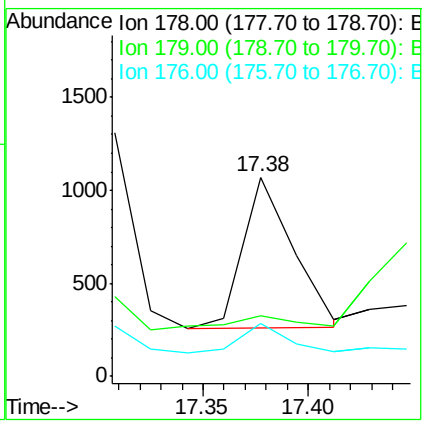




#13
Anthracene
Concen: 0.054 ng/ul m
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:178 Resp: 1347

Ion	Ratio	Lower	Upper
178	100		
179	30.6	18.1	27.1#
176	26.5	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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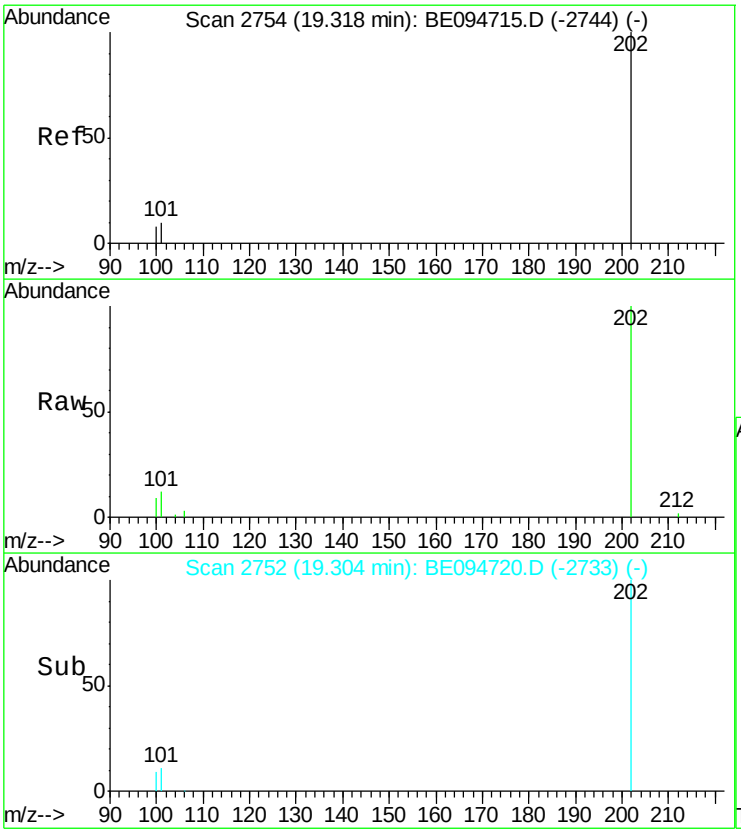
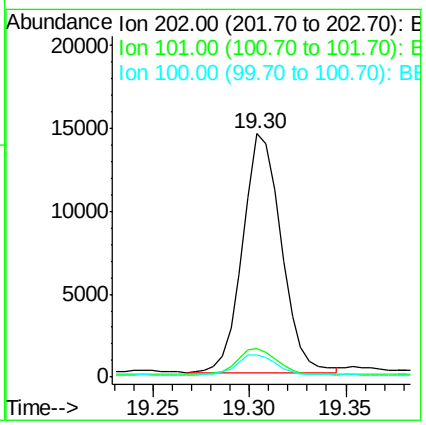
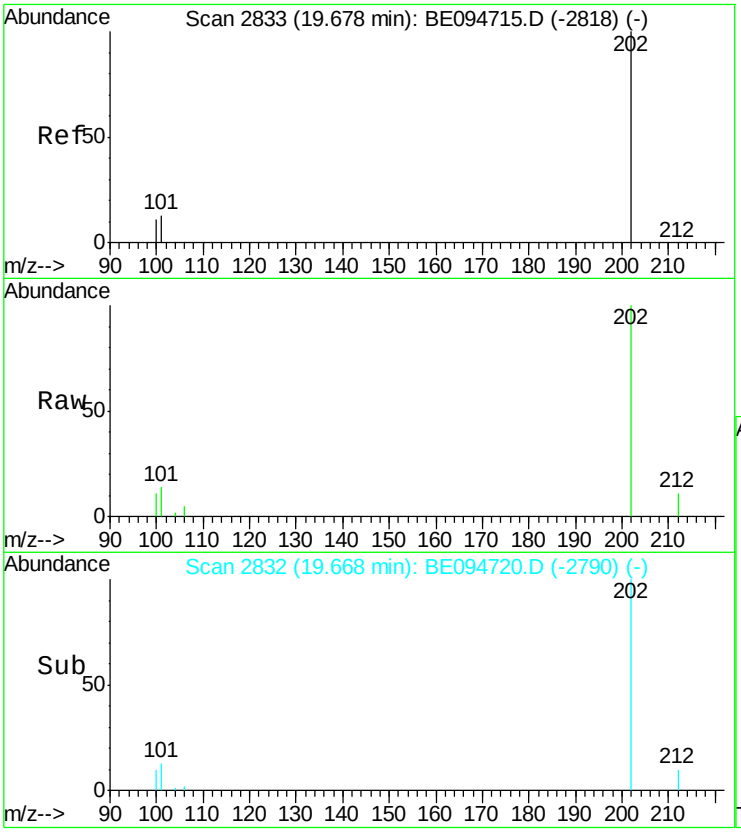


#15
Fluoranthene
Concen: 0.686 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:202 Resp: 19923

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.4	0.0	39.5





#17
Pyrene
Concen: 0.795 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:202 Resp: 22807

Ion	Ratio	Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	10.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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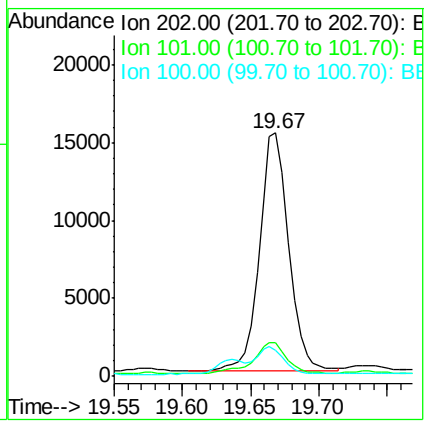
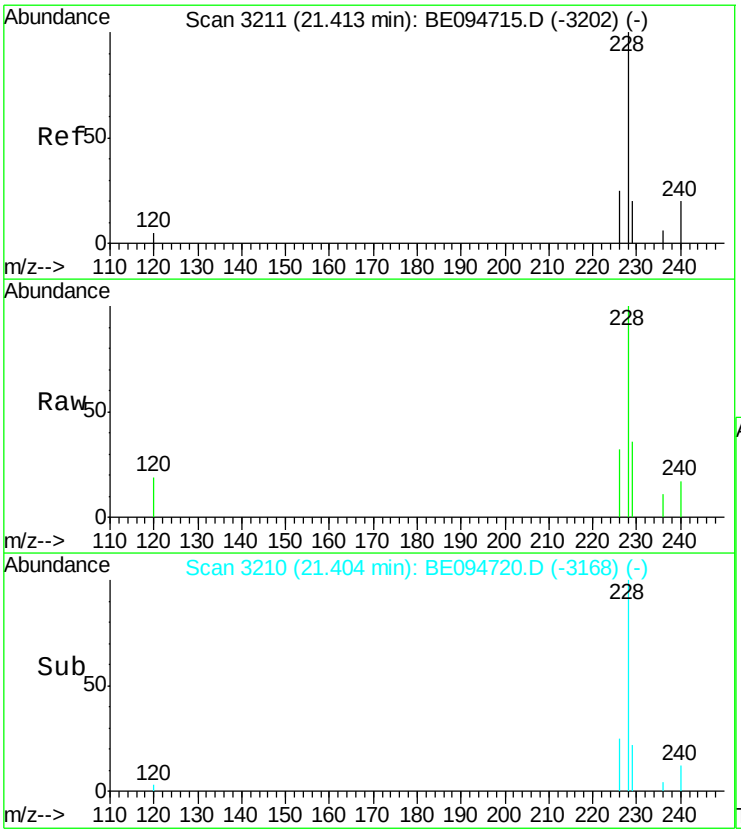
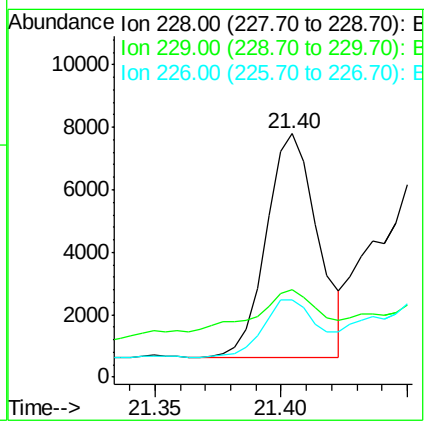


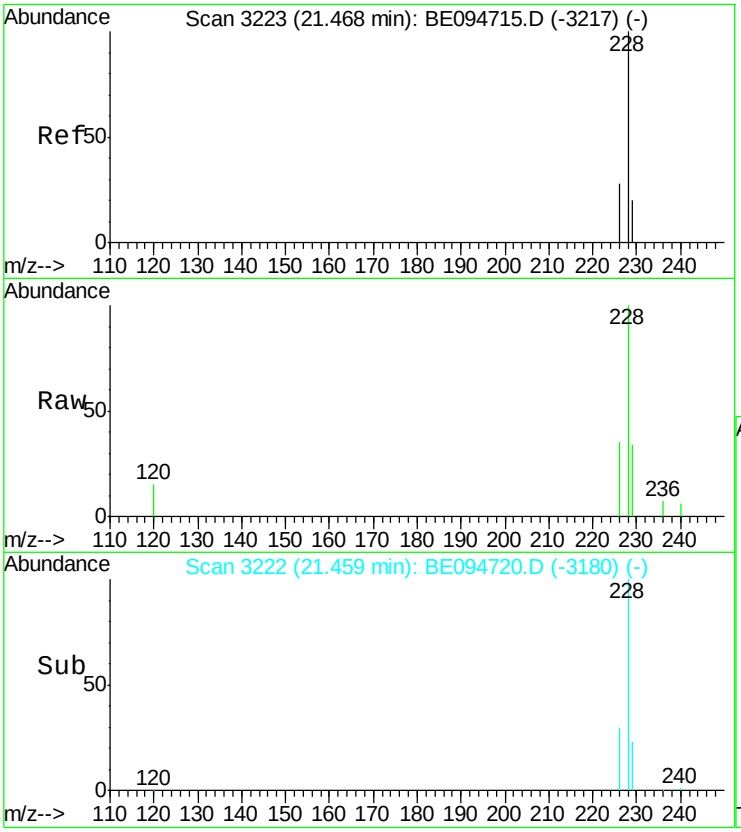


#18
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:228 Resp: 10177

Ion	Ratio	Lower	Upper
228	100		
229	35.7	22.8	34.2#
226	31.8	17.0	25.6#





#19
Chrysene
Concen: 0.570 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:228 Resp: 15636

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.4	35.0
229	33.7	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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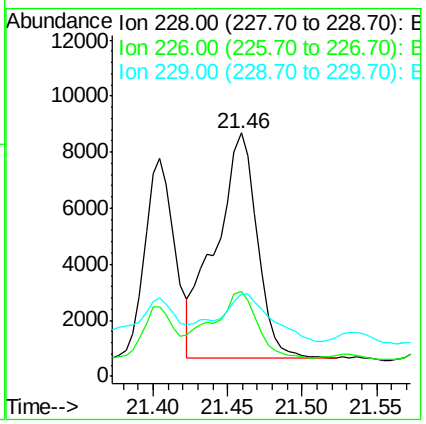
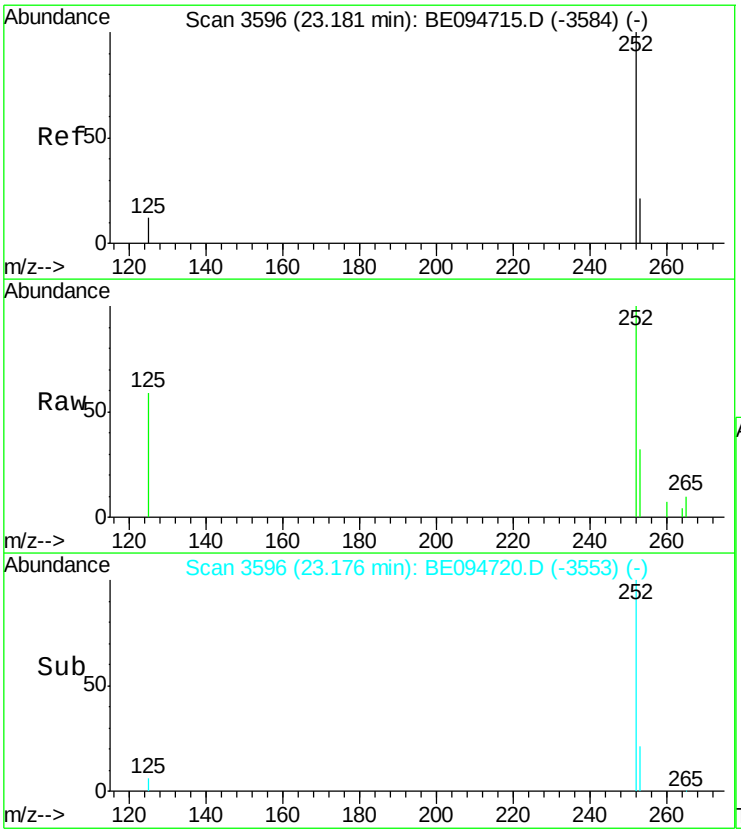
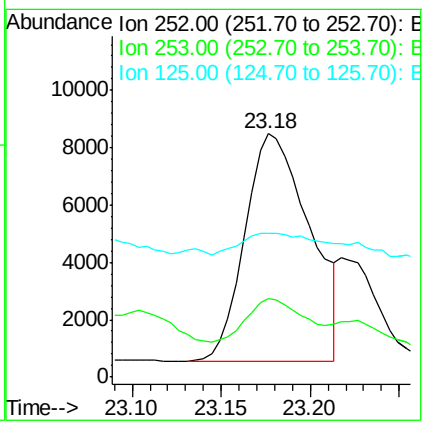


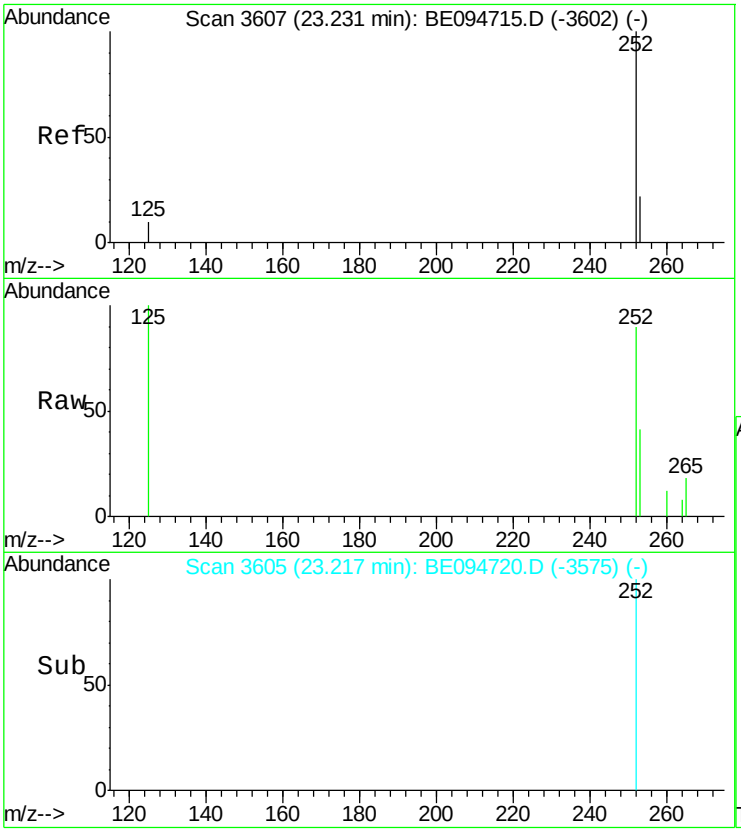


#21
Benzo(b)fluoranthene
Concen: 0.751 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. -0.00 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:252 Resp: 20105

Ion	Ratio	Lower	Upper
252	100		
253	32.0	0.0	64.2
125	59.1	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:252 Resp: 5813

Ion	Ratio	Lower	Upper
252	100		
253	46.1	24.5	36.7#
125	111.3	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
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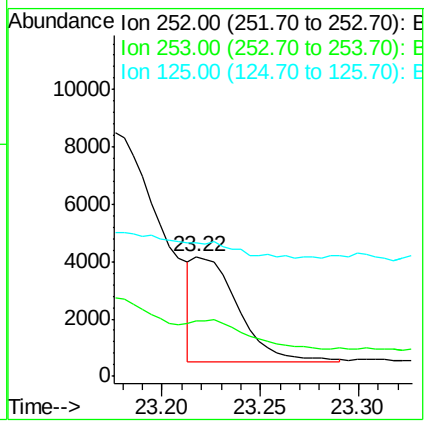
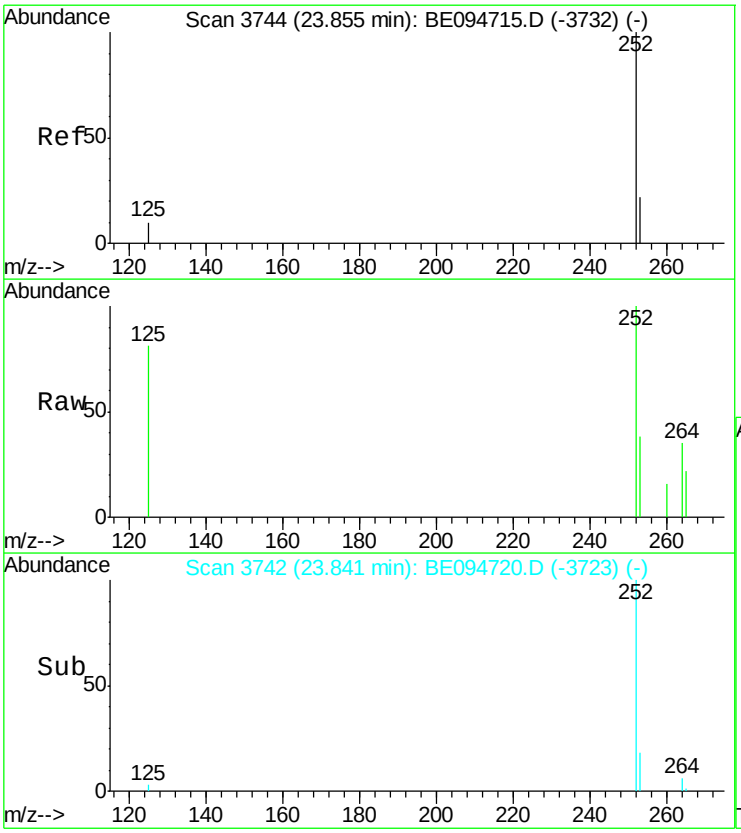
11/4/2017 2:16:45 PM

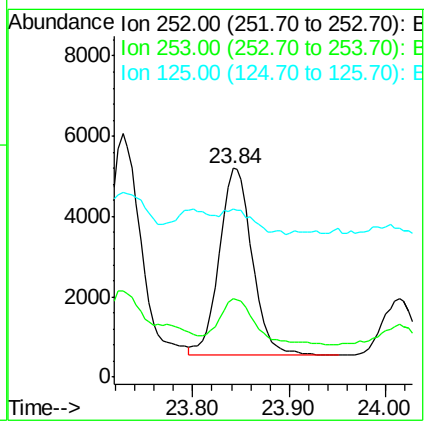


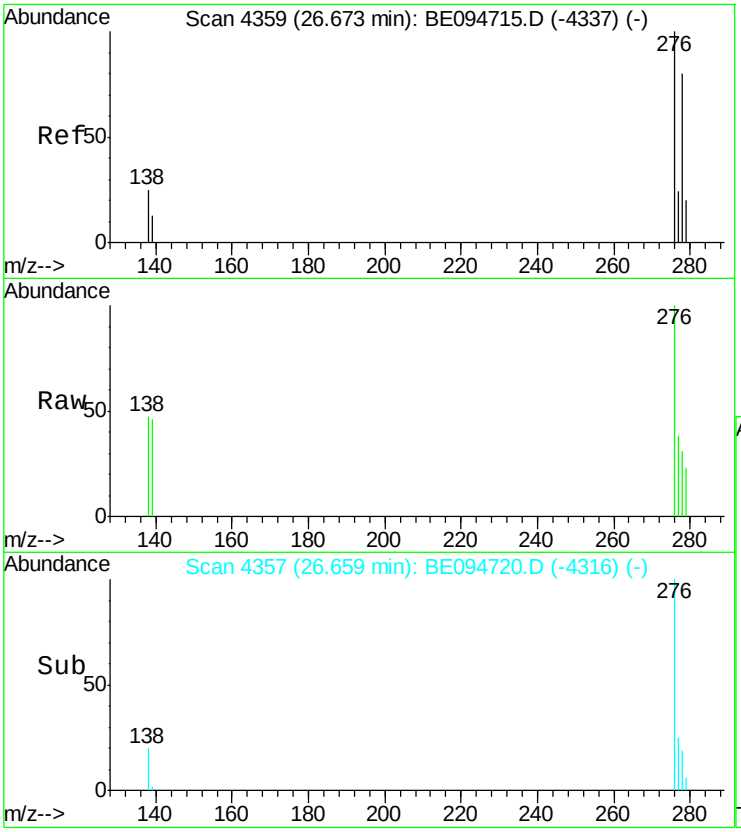


#23
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:252 Resp: 11045

Ion	Ratio	Lower	Upper
252	100		
253	37.9	28.5	42.7
125	80.6	18.1	27.1#





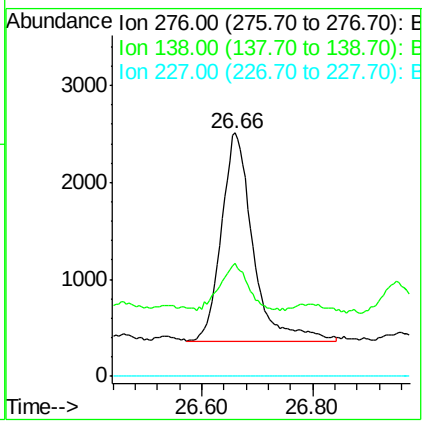
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

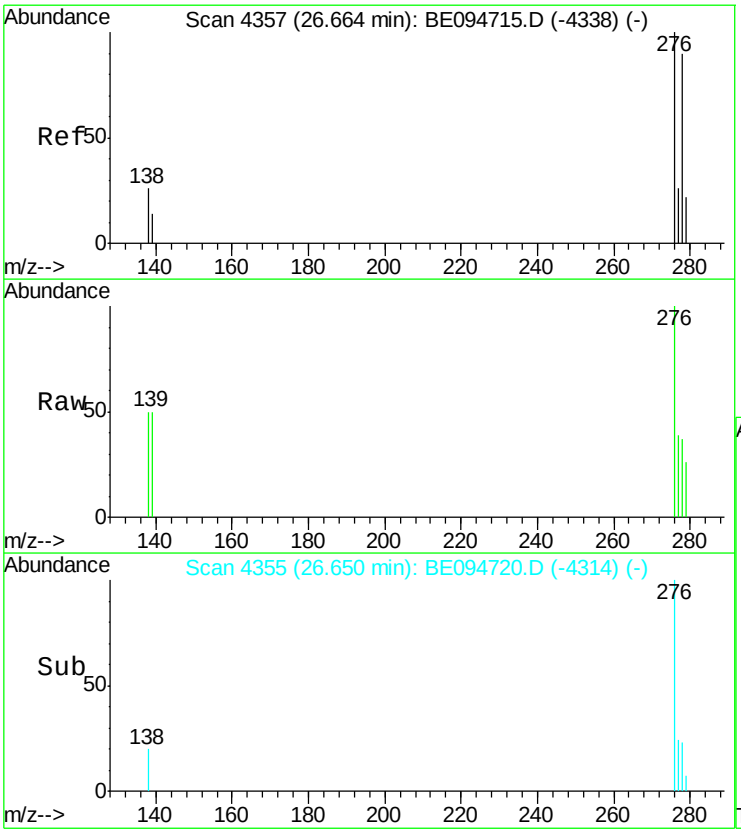
Tgt Ion:276 Resp: 8466

Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:45 PM

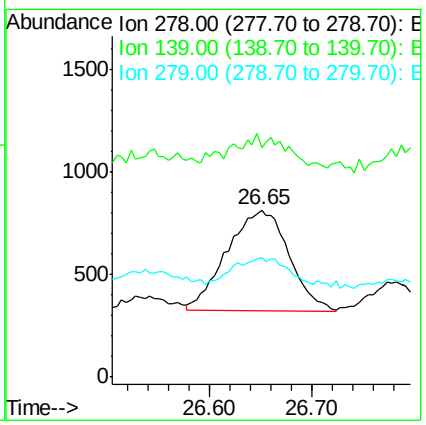


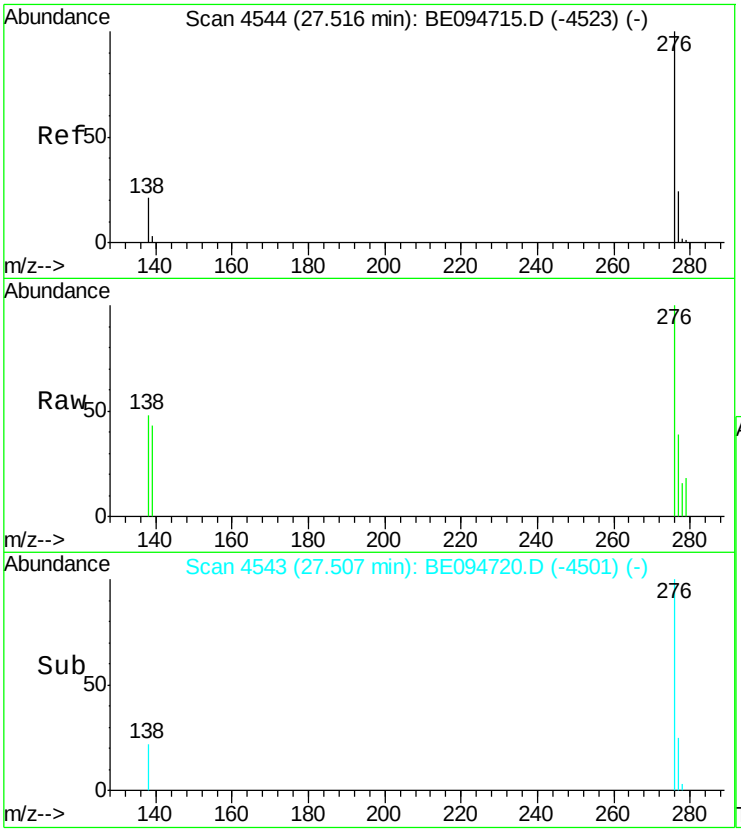


#25
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:278 Resp: 2054

Ion	Ratio	Lower	Upper
278	100		
139	137.5	17.4	26.0#
279	71.6	25.9	38.9#

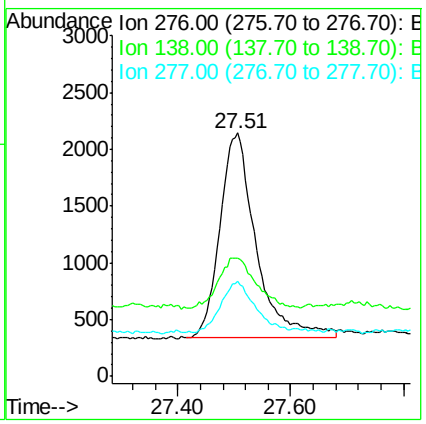




#26
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.51 min Scan# 4543
Delta R.T. -0.01 min
Lab File: BE094720.D
Acq: 3 Nov 2017 22:42

Tgt Ion:276 Resp: 7965

Ion	Ratio	Lower	Upper
276	100		
138	48.3	21.8	32.8#
277	39.0	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
B-65(0.5-1.5)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:45 PM