Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094718.D
Acq On : 3 Nov 2017 21:30
Operator : SJ/JU
Sample : I5902-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:40 PM

Quant Time: Nov 04 00:29:42 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	1471	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8864	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4940	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	10603	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10547	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	11631	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	719	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	1605	0.05	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	13520	0.624	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	4406	0.291	ng/ul	97
7) Acenaphthylene	14.24	152	1822	0.082	ng/ul#	90
8) Acenaphthene	14.57	153	1777	0.111	ng/ul	97
9) Fluorene	15.56	166	1884	0.104	ng/ul#	89
12) Phenanthrene	17.29	178	38957m	1.391	ng/ul	
13) Anthracene	17.38	178	7585	0.274	ng/ul	95
15) Fluoranthene	19.30	202	74315	2.295	ng/ul	84
17) Pyrene	19.67	202	65847	2.020	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	42725	1.417	ng/ul#	89
19) Chrysene	21.46	228	52103	1.672	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	65645m	2.006	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	20939m	0.597	ng/ul	
23) Benzo(a)pyrene	23.84	252	40392	1.235	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.66	276	26365	0.779	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	6467	0.227	ng/ul#	82
26) Benzo(g,h,i)perylene	27.49	276	21989	0.809	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094718.D
Acq On : 3 Nov 2017 21:30
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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QLast Update : Sat Nov 04 01:15:30 2017
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Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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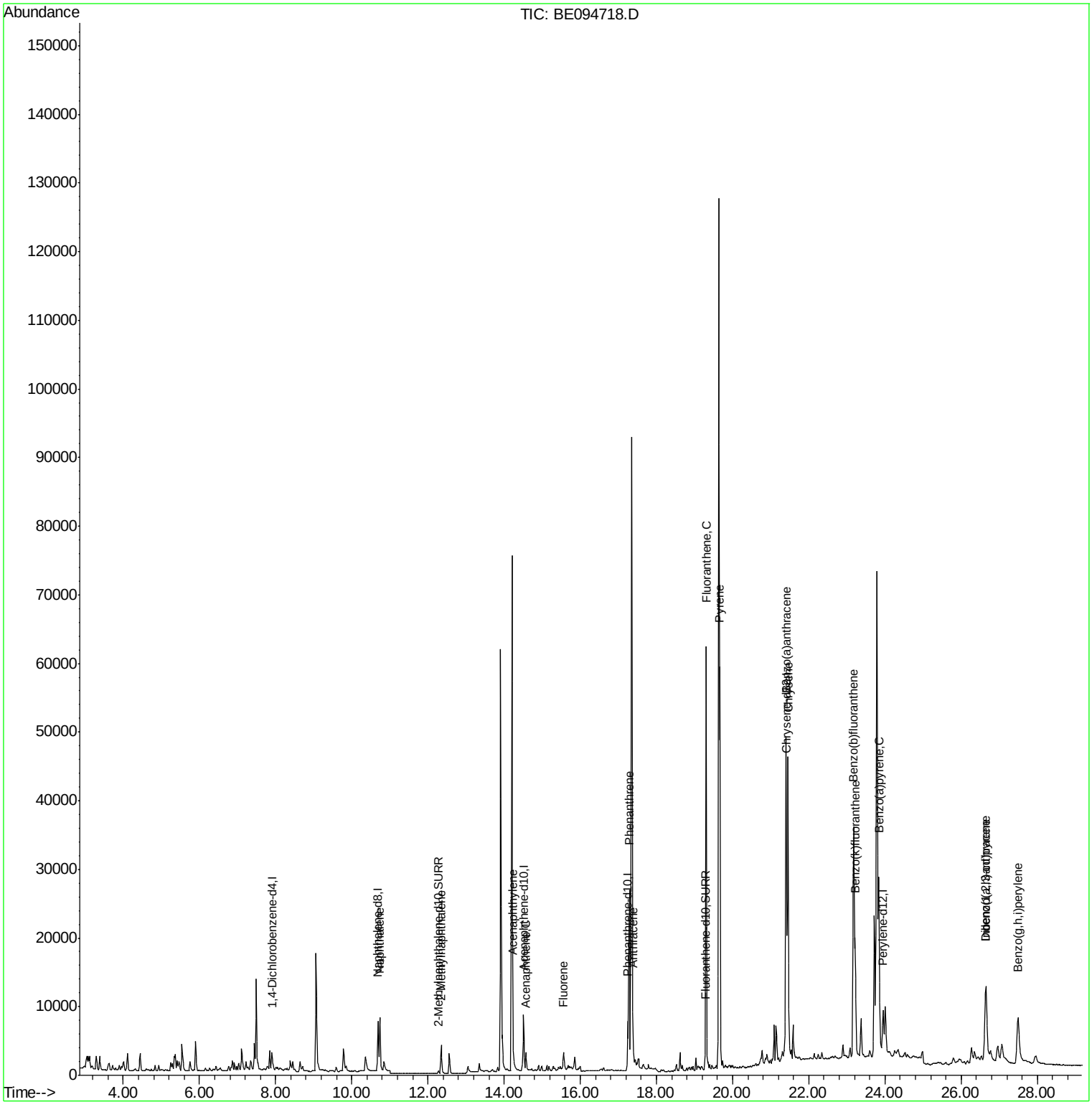

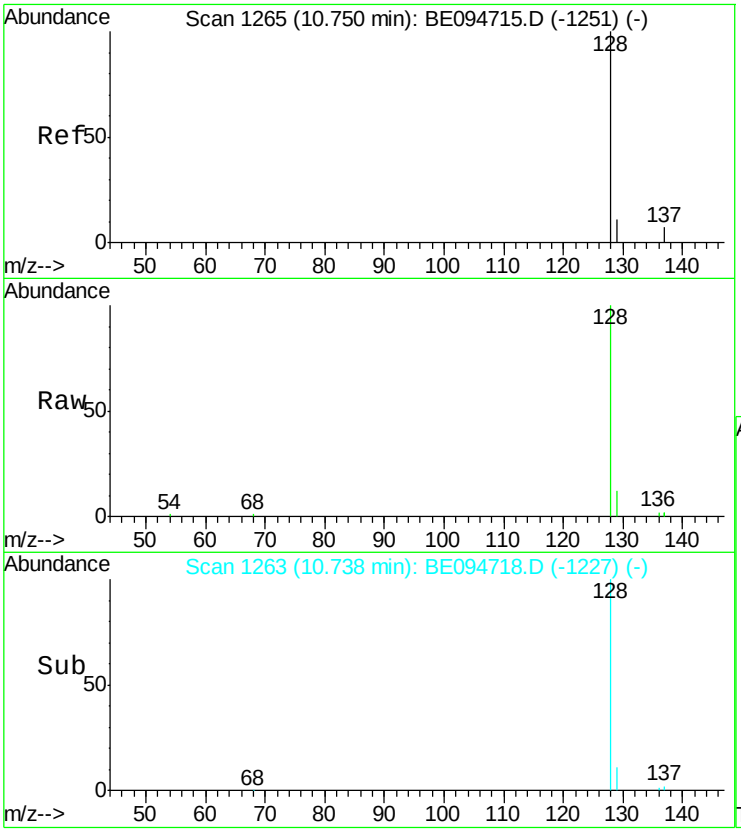

#3
Naphthalene
Concen: 0.624 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:128 Resp: 13520

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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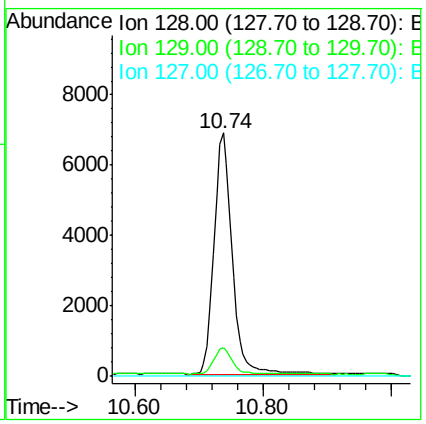
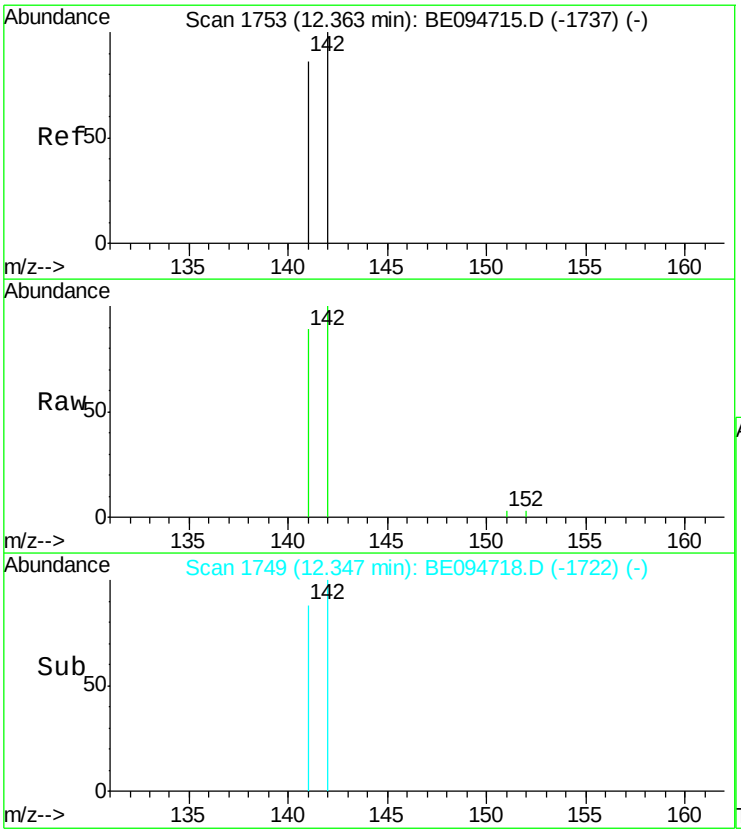
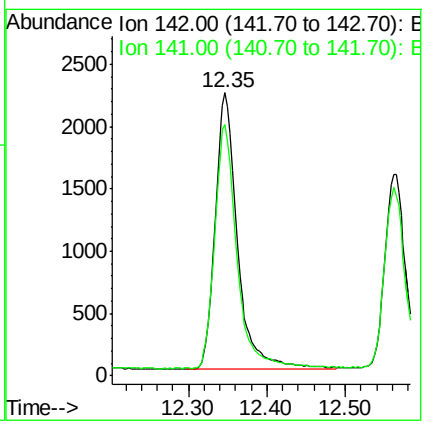


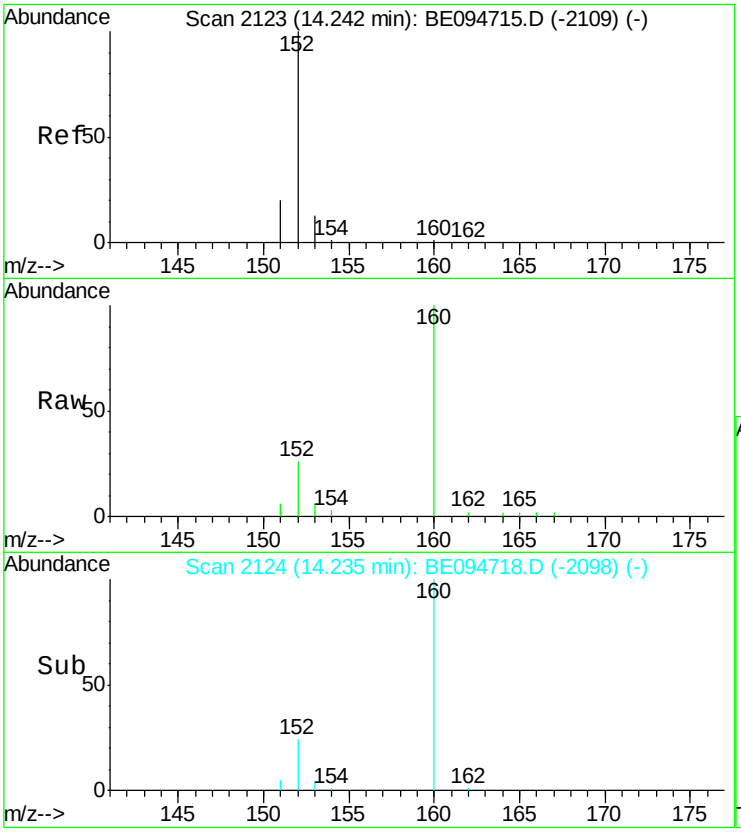


#5
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:142 Resp: 4406

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:152 Resp: 1822

Ion	Ratio	Lower	Upper
152	100		
151	25.1	17.1	25.7
153	21.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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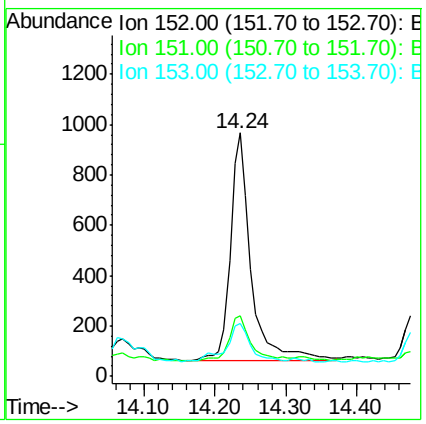
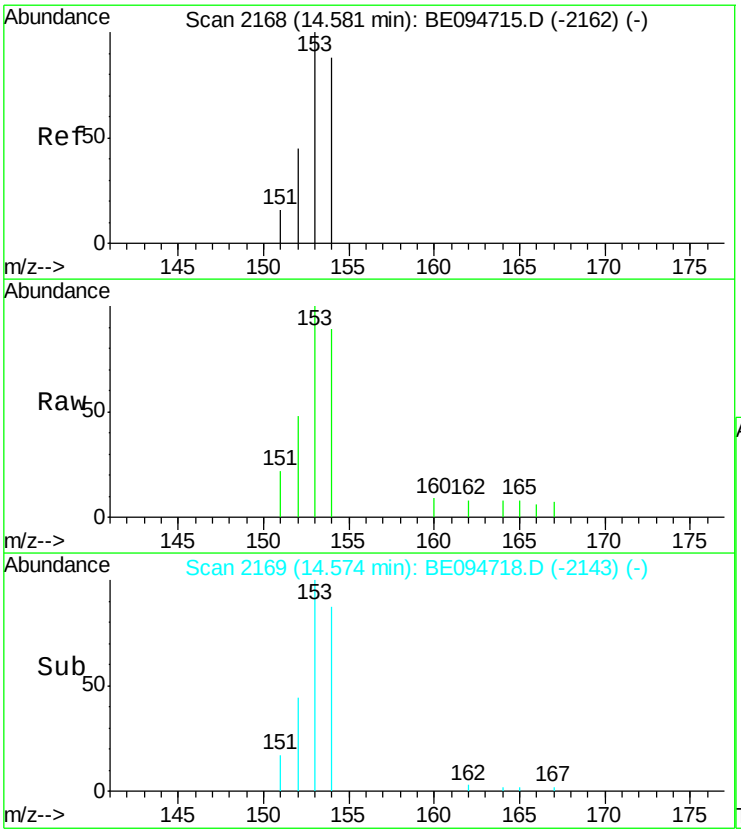
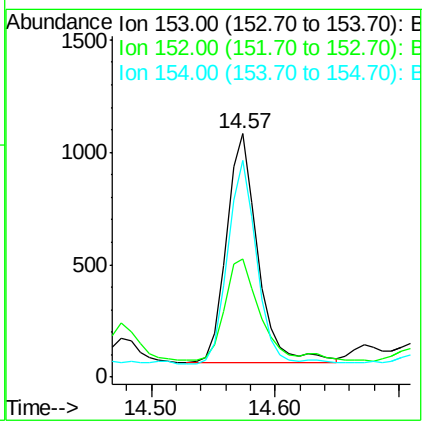


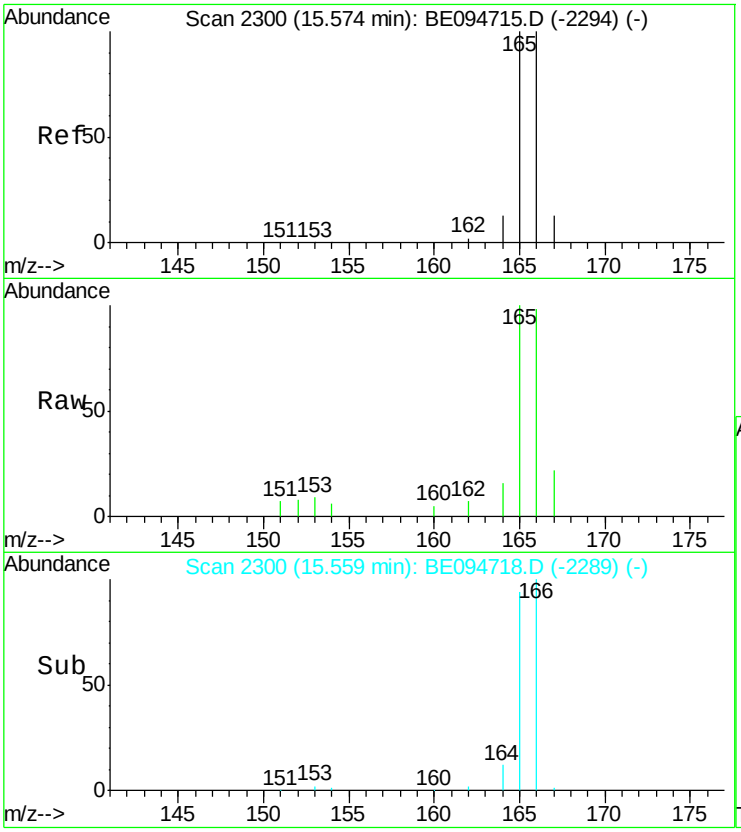


#8
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.57 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:153 Resp: 1777

Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.0	54.0
154	88.8	72.0	108.0





#9
Fluorene
Concen: 0.104 ng/ul
RT: 15.56 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:166 Resp: 1884

Ion	Ratio	Lower	Upper
166	100		
165	102.3	73.4	110.2
167	22.8	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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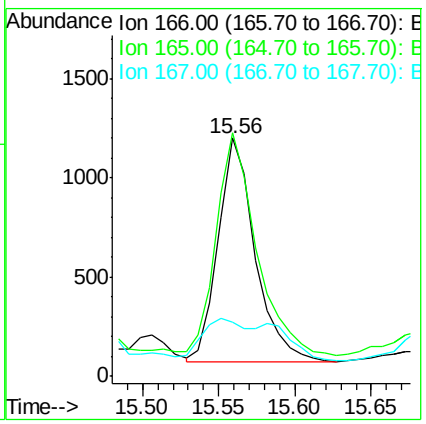
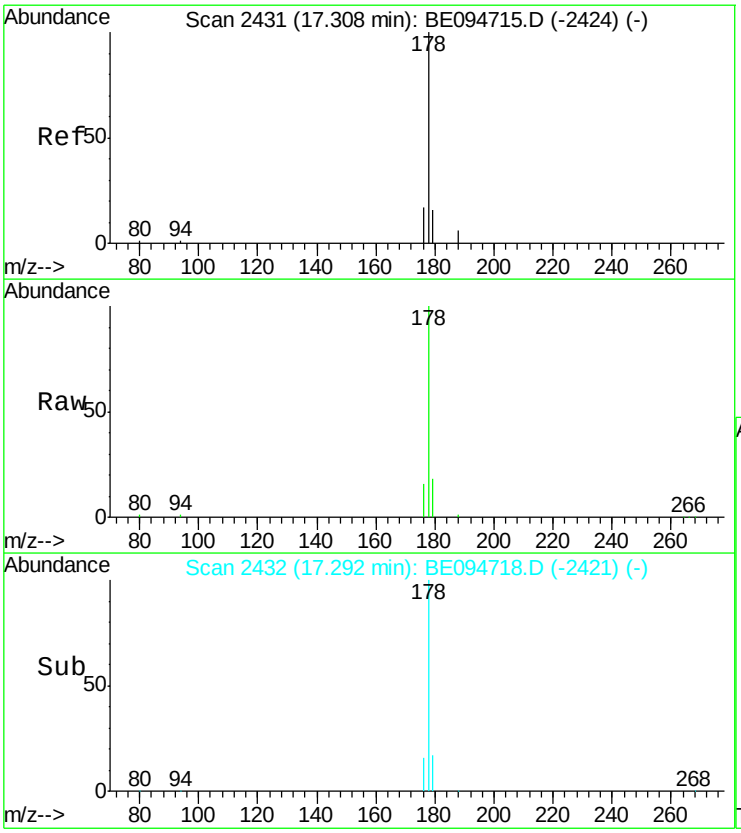
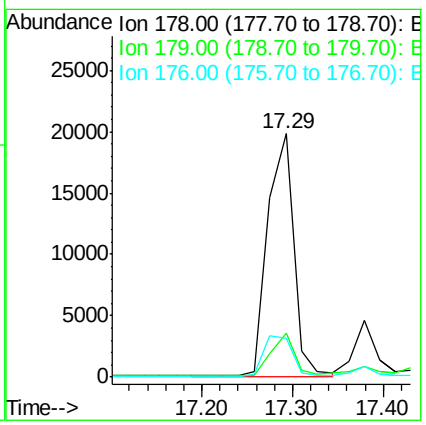


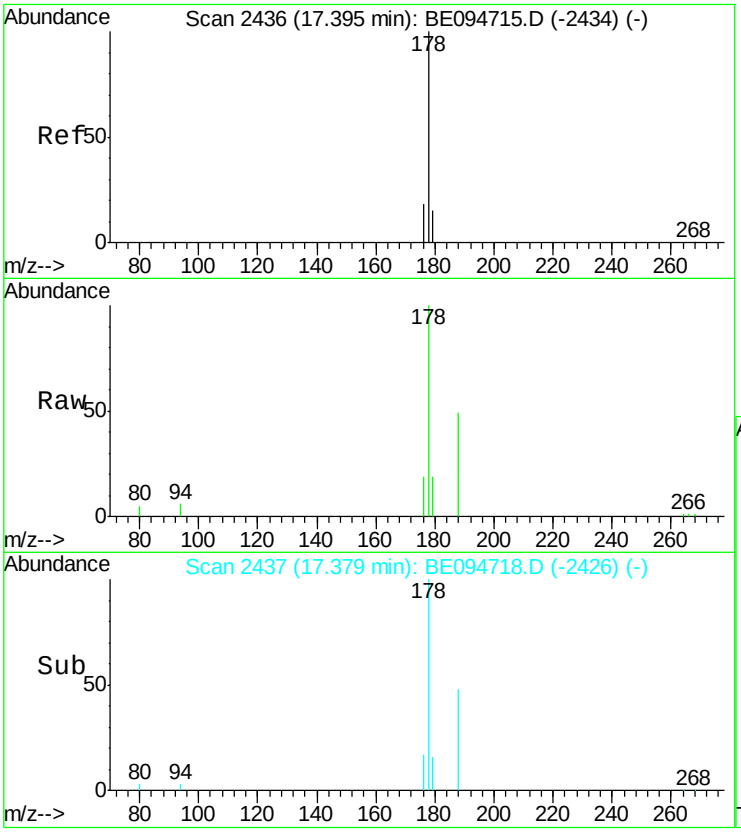


#12
Phenanthrene
Concen: 1.391 ng/ul m
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:178 Resp: 38957

Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	16.0	13.6	20.4

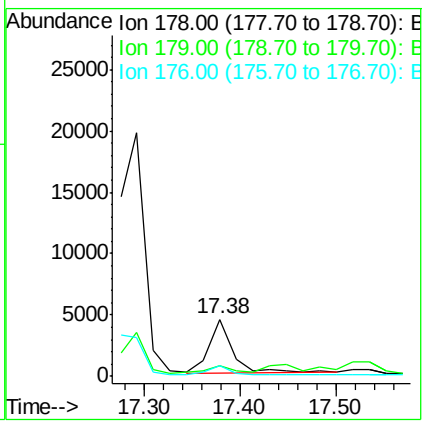




#13
Anthracene
Concen: 0.274 ng/ul
RT: 17.38 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:178 Resp: 7585

Ion	Ratio	Lower	Upper
178	100		
179	18.5	18.1	27.1
176	18.8	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

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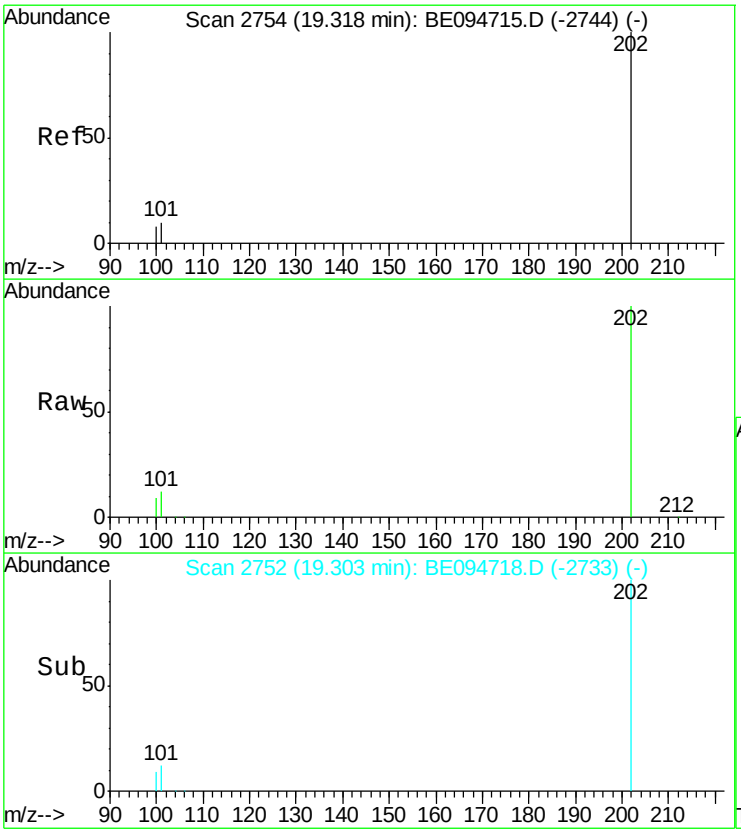
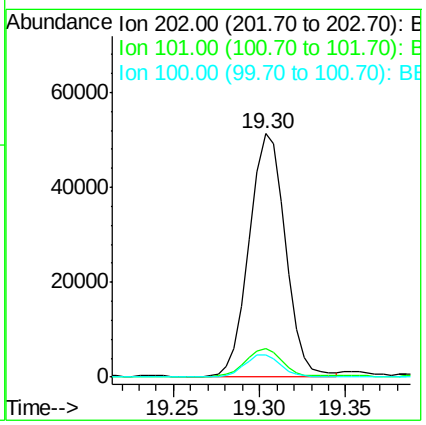
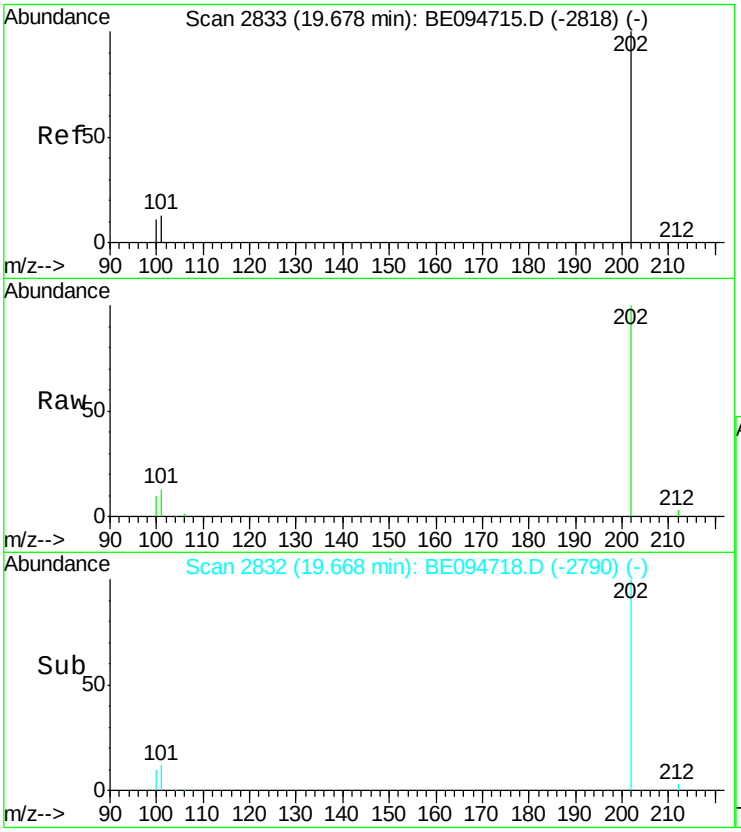


#15
Fluoranthene
Concen: 2.295 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:202 Resp: 74315

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 2.020 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:202 Resp: 65847

Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	10.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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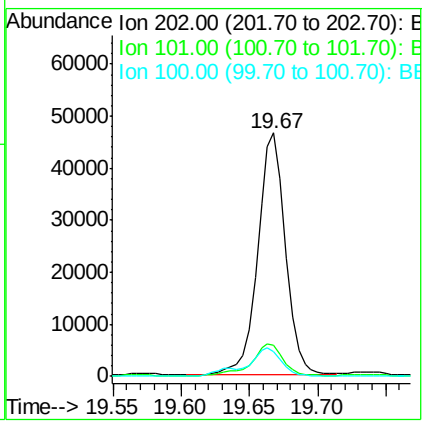
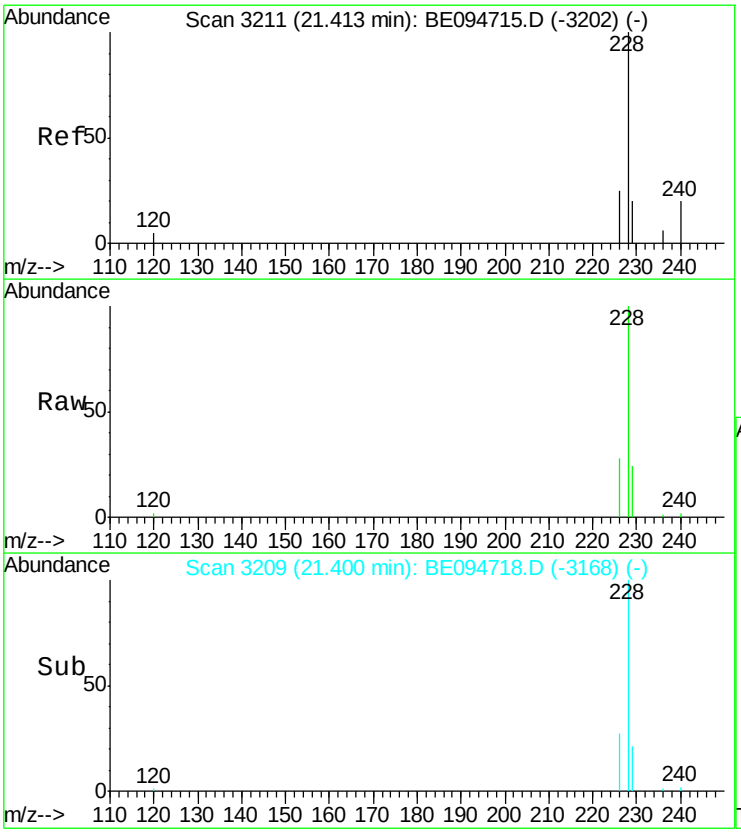
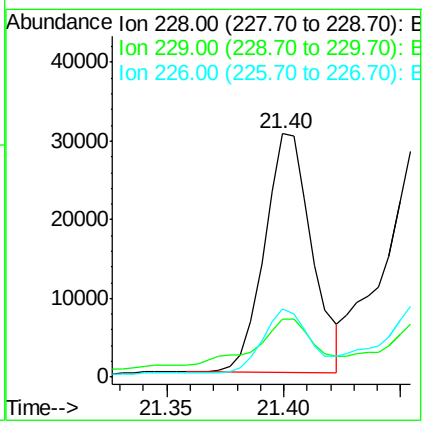


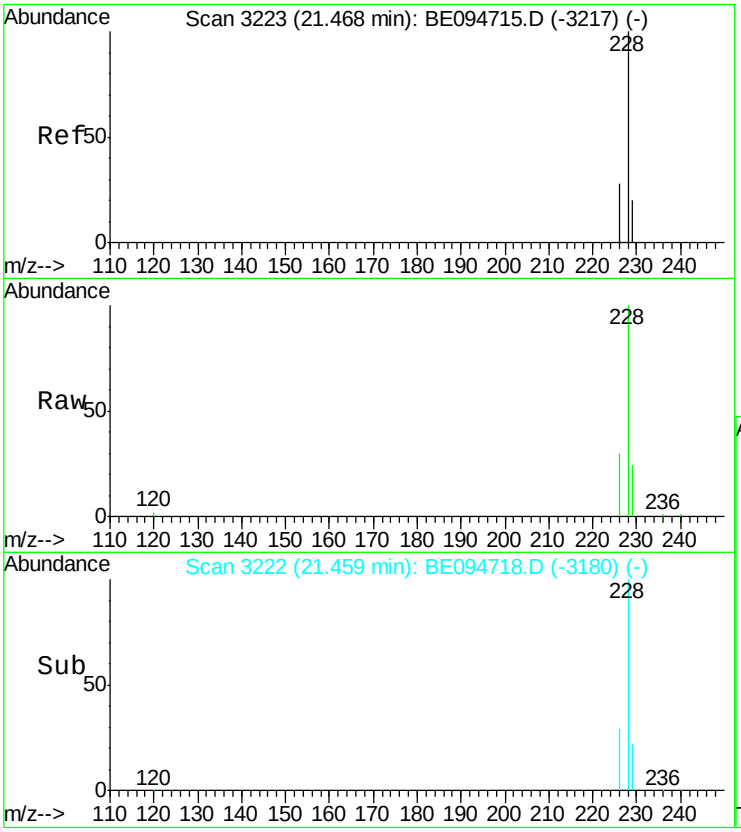


#18
Benzo(a)anthracene
Concen: 1.417 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:228 Resp: 42725

Ion	Ratio	Lower	Upper
228	100		
229	23.7	22.8	34.2
226	28.0	17.0	25.6#





#19
Chrysene
Concen: 1.672 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:228 Resp: 52103

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	24.2	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
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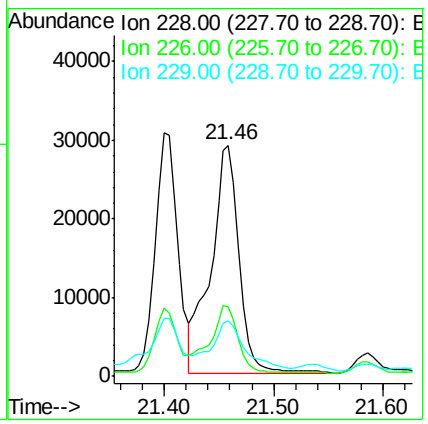
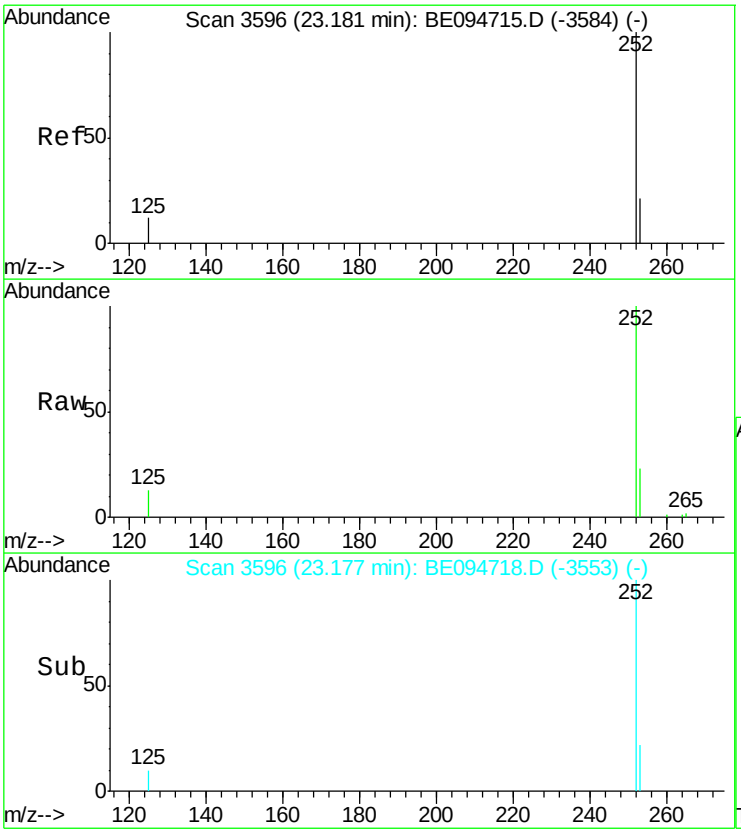
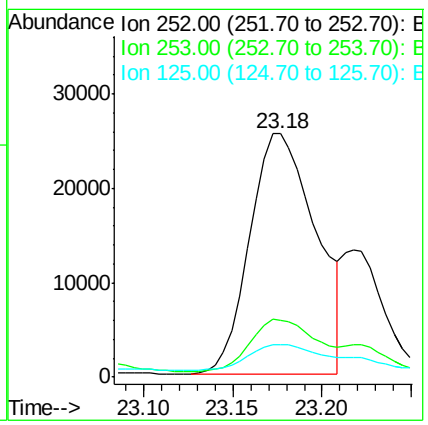


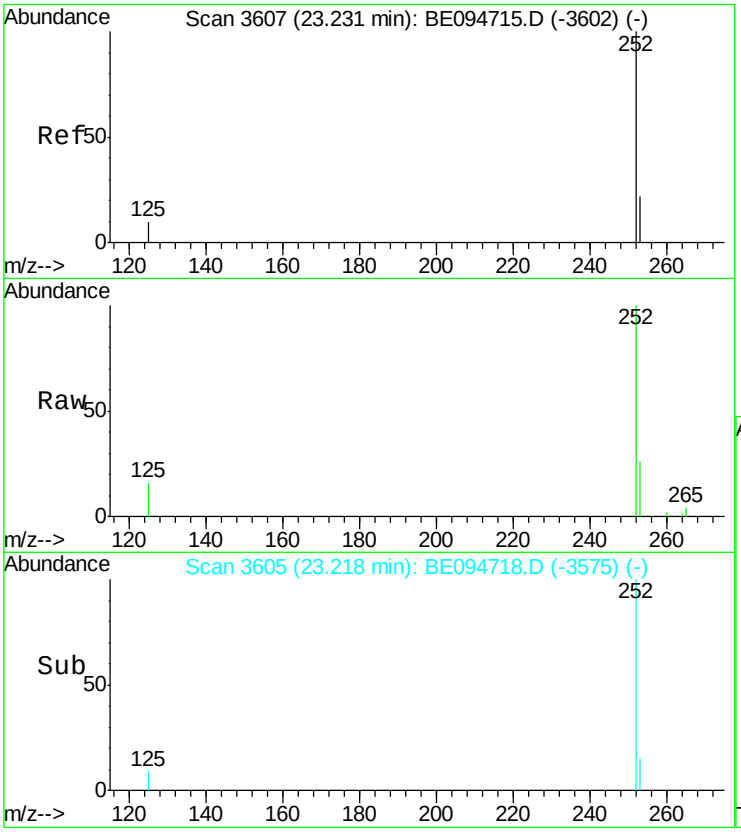


#21
Benzo(b)fluoranthene
Concen: 2.006 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. -0.00 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:252 Resp: 65645

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	13.4	0.0	35.0

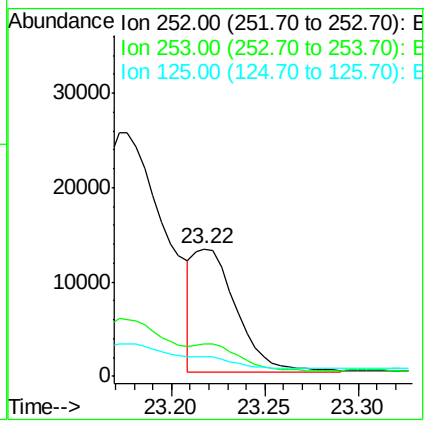




#22
Benzo(k)fluoranthene
Concen: 0.597 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:252 Resp: 20939

Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.5	36.7
125	15.7	13.7	20.5



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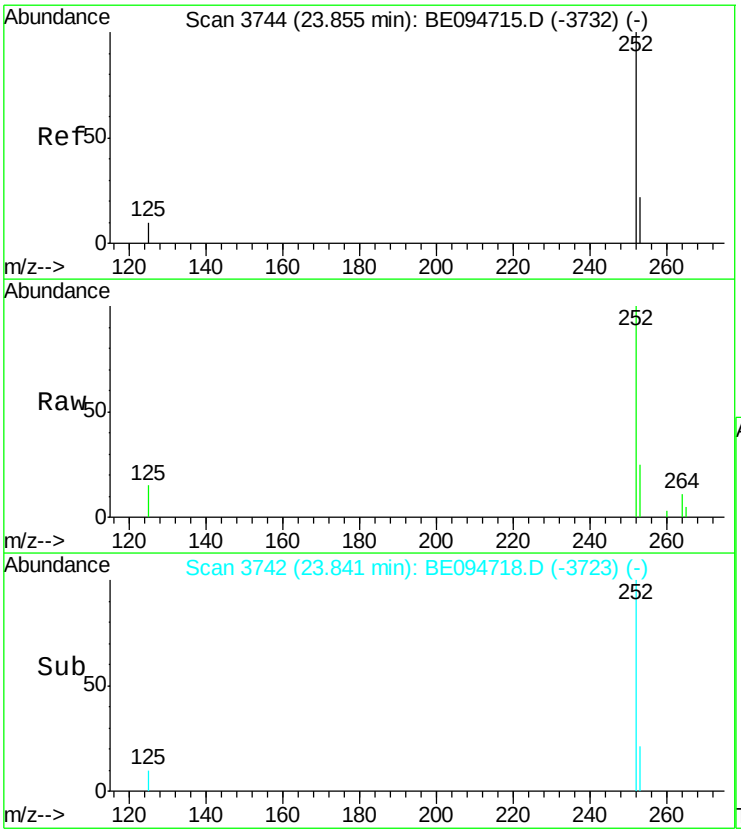
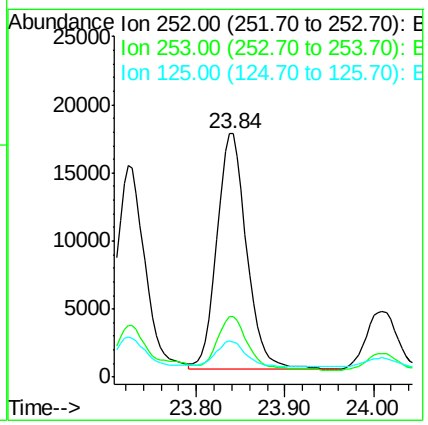
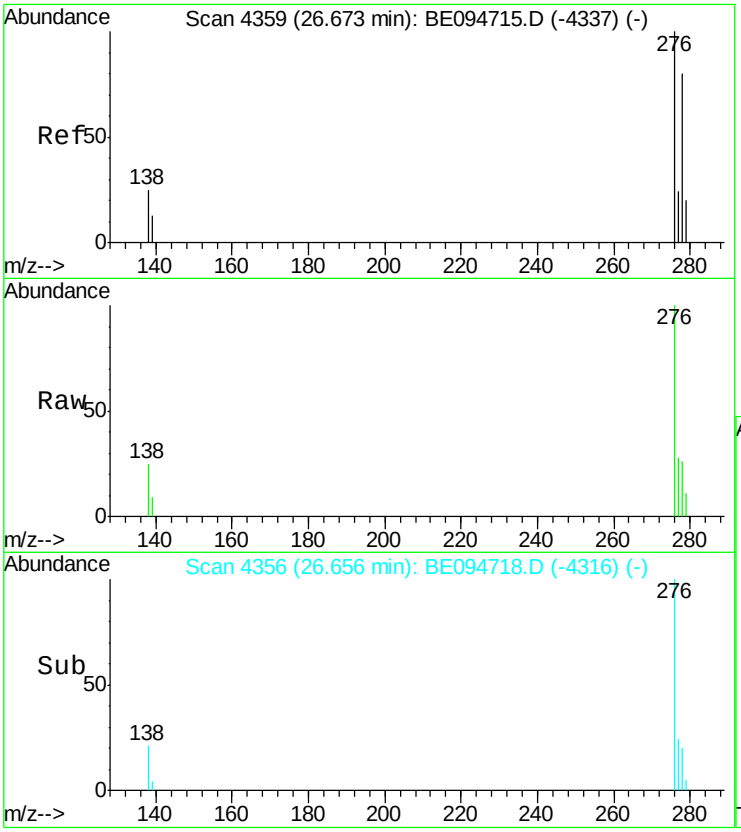


#23
Benzo(a)pyrene
Concen: 1.235 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:252 Resp: 40392

Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	14.6	18.1	27.1#





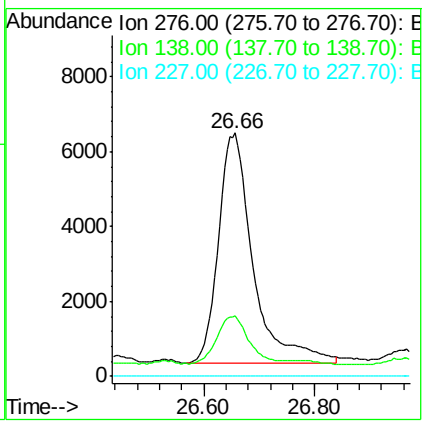
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.779 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

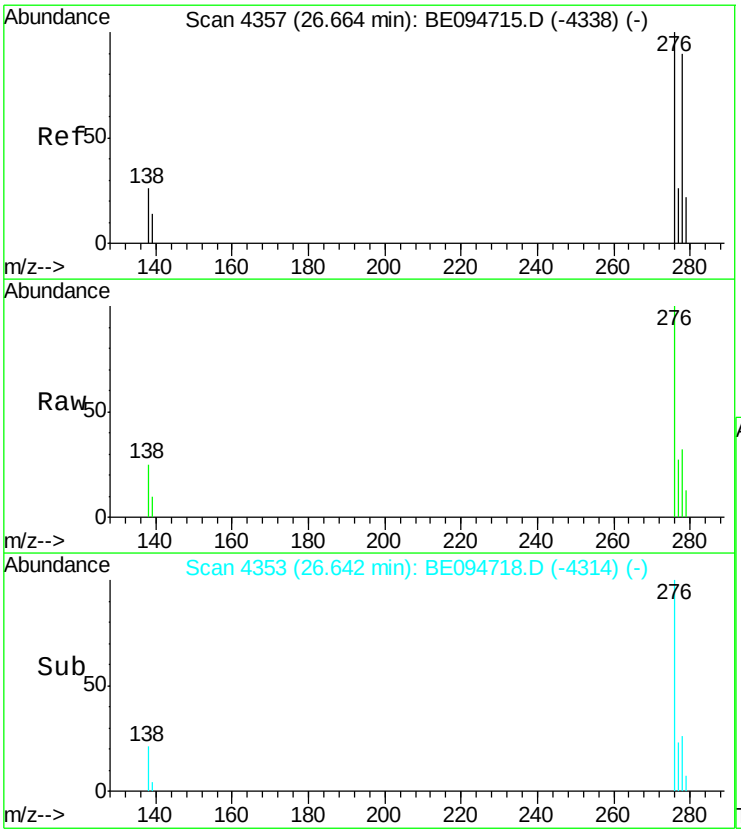
Tgt Ion:276 Resp: 26365

Ion	Ratio	Lower	Upper
276	100		
138	21.0	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:40 PM

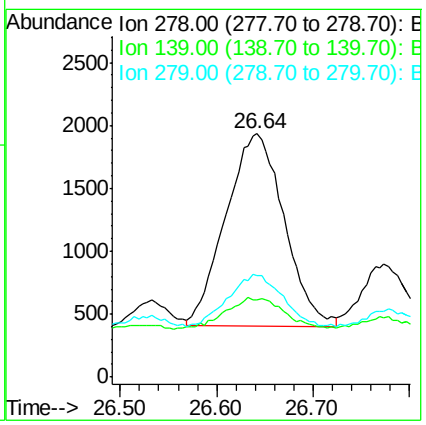


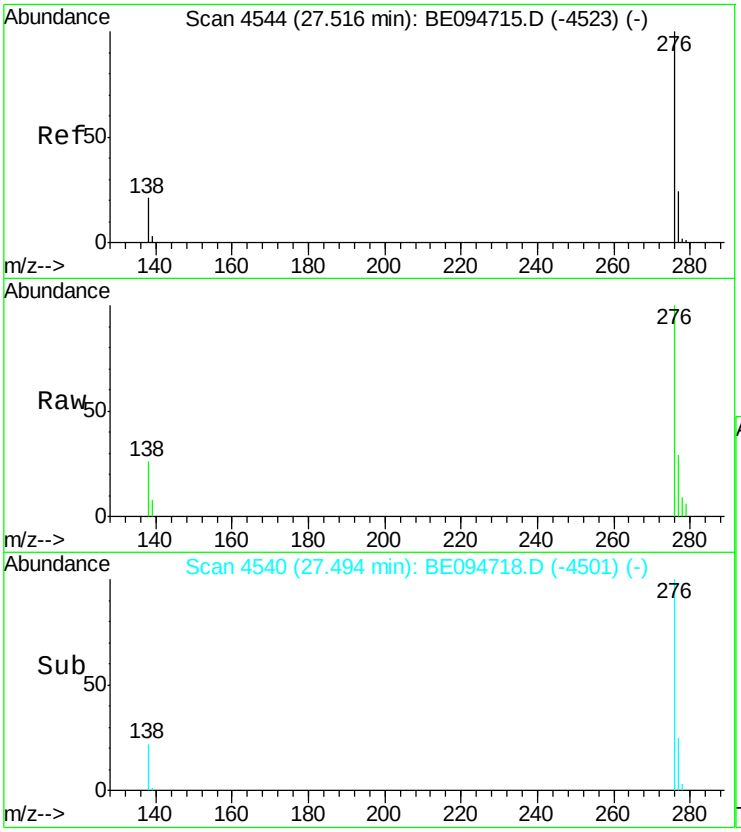


#25
Dibenzo(a,h)anthracene
Concen: 0.227 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:278 Resp: 6467

Ion	Ratio	Lower	Upper
278	100		
139	31.6	17.4	26.0#
279	41.5	25.9	38.9#

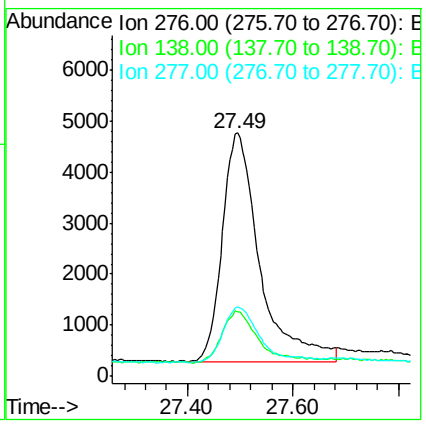




#26
Benzo(g,h,i)perylene
Concen: 0.809 ng/ul
RT: 27.49 min Scan# 4540
Delta R.T. -0.02 min
Lab File: BE094718.D
Acq: 3 Nov 2017 21:30

Tgt Ion:276 Resp: 21989

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	28.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/4/2017 2:16:40 PM