Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
Data File : BE094750.D
Acq On : 6 Nov 2017 13:19
Operator : SJ/JU
Sample : I5955-03 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

Manual Integrations APPROVED
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11/7/2017 5:41:28 PM

Quant Time: Nov 07 00:32:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 00:12:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7309	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4908	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8571	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8799	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	8811	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	973	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2650	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.35	142	2237	0.179	ng/ul	100
8) Acenaphthene	14.57	153	2334	0.146	ng/ul#	71
9) Fluorene	15.57	166	3572	0.199	ng/ul#	55
12) Phenanthrene	17.29	178	16035	0.708	ng/ul#	77
15) Fluoranthene	19.31	202	14559	0.556	ng/ul	81
17) Pyrene	19.68	202	28922	1.063	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	9762	0.388	ng/ul#	14
21) Benzo(b)fluoranthene	23.20	252	15051m	0.607	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	4764m	0.179	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	7844	0.306	ng/ul#	80
26) Benzo(g,h,i)perylene	27.55	276	13048	0.634	ng/ul#	63

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

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Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

Manual Integrations APPROVED
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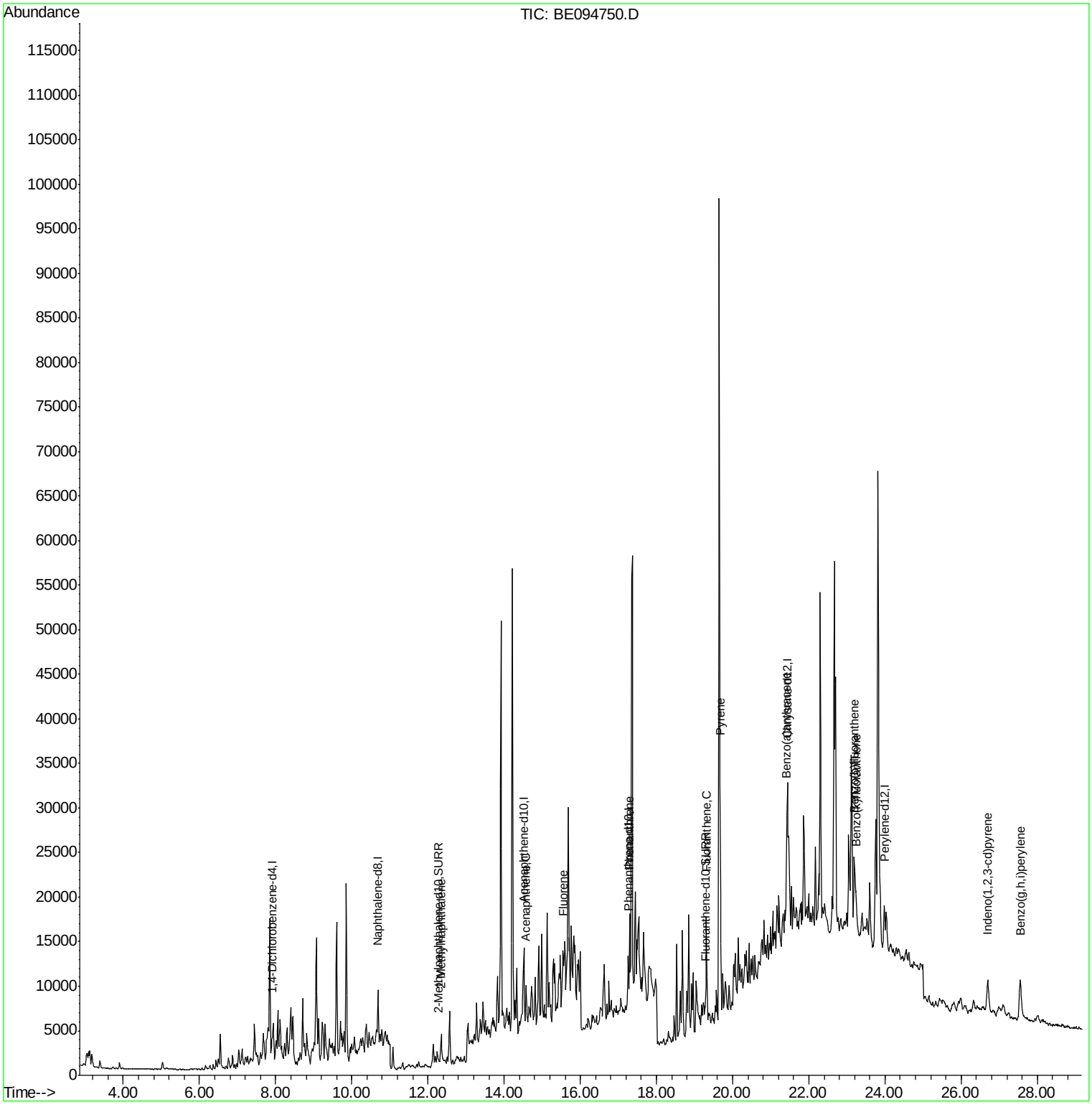

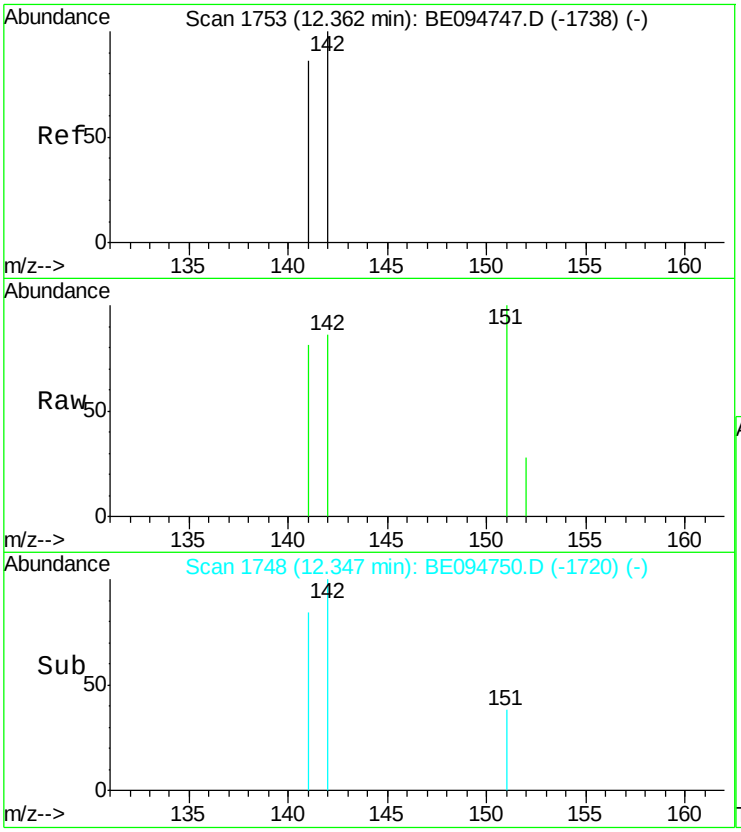

#5
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:142 Resp: 2237

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

Manual Integrations APPROVED
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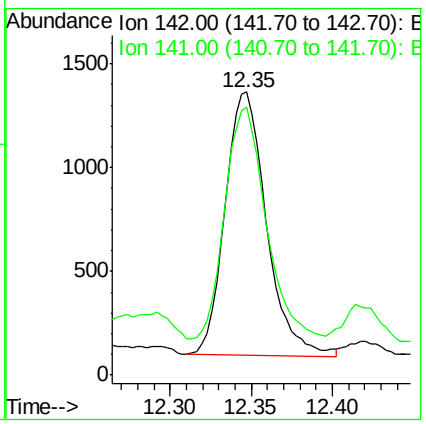
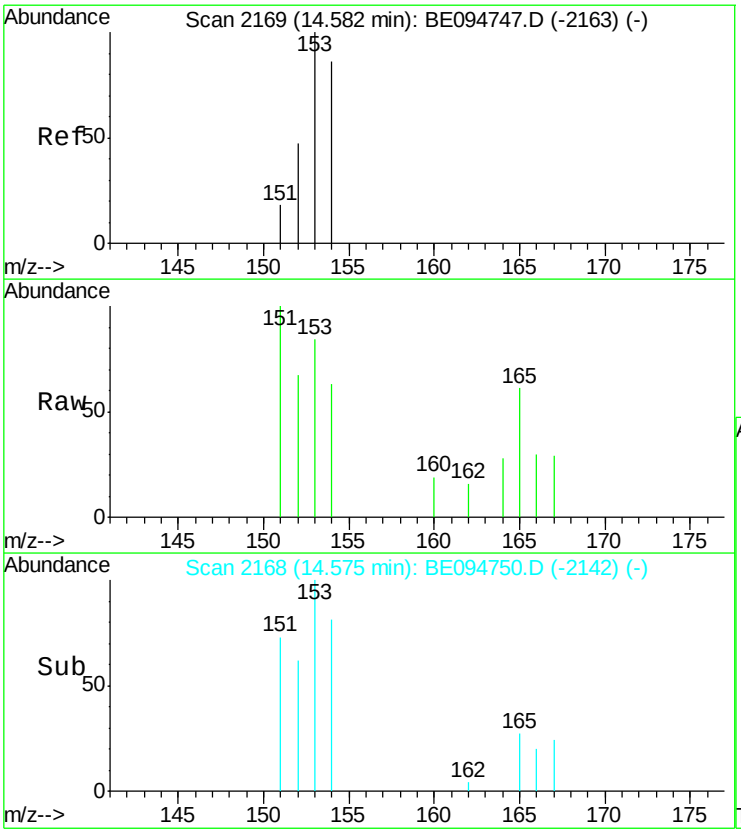
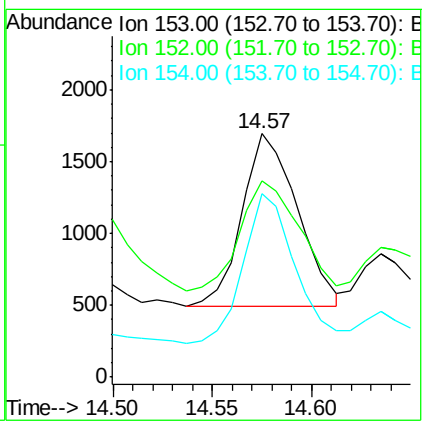


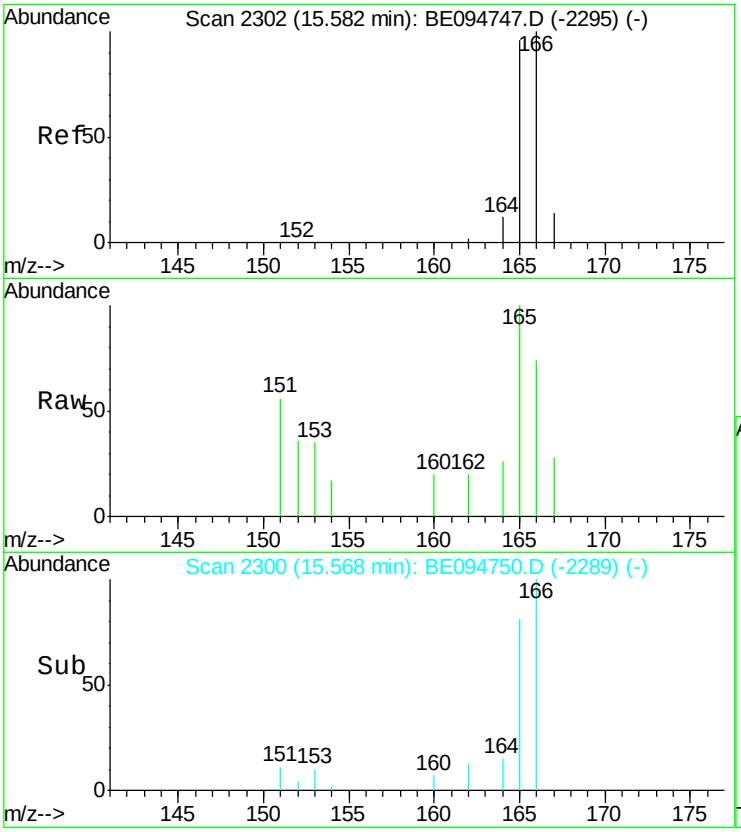


#8
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:153 Resp: 2334

Ion	Ratio	Lower	Upper
153	100		
152	80.6	36.0	54.0#
154	75.2	72.0	108.0

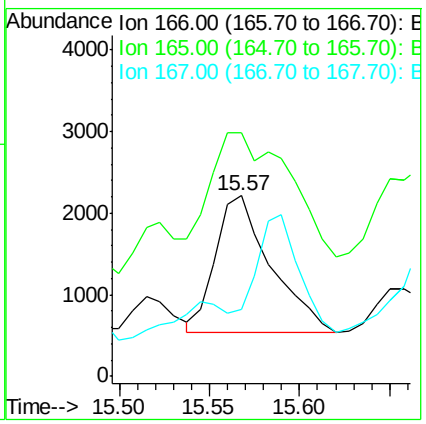




#9
Fluorene
Concen: 0.199 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:166 Resp: 3572

Ion	Ratio	Lower	Upper
166	100		
165	134.8	73.4	110.2#
167	37.3	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

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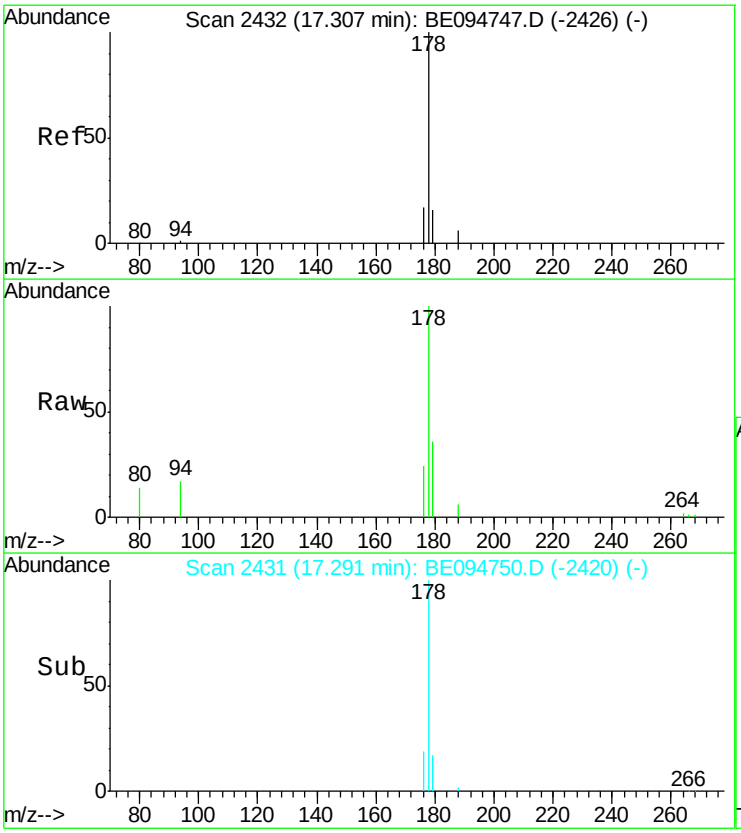
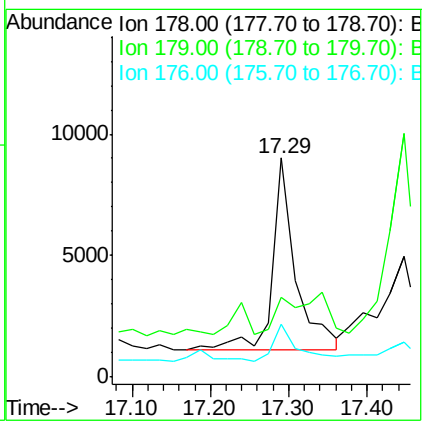
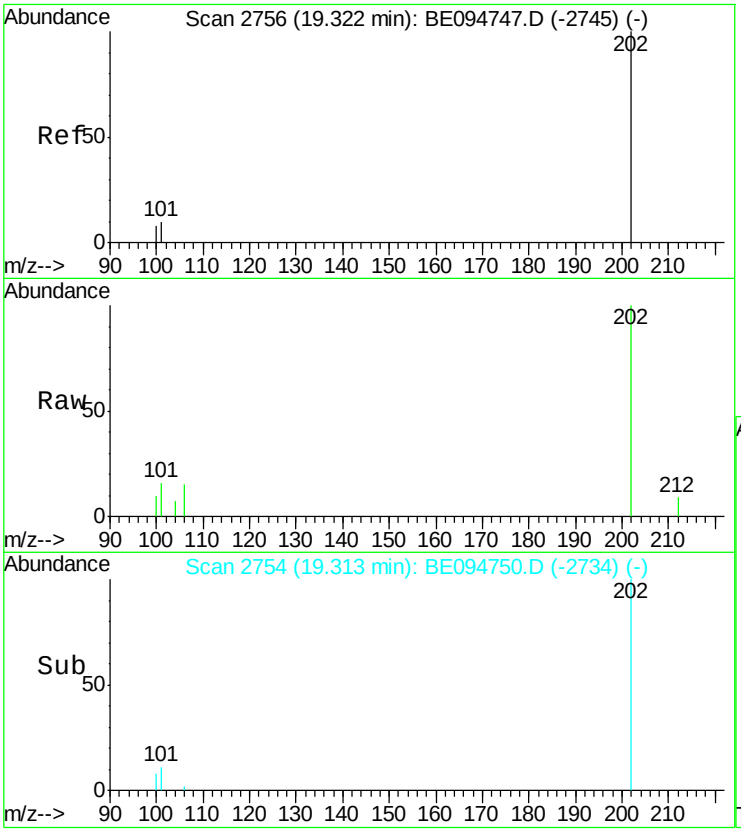


#12
Phenanthrene
Concen: 0.708 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:178 Resp: 16035

Ion	Ratio	Lower	Upper
178	100		
179	36.2	18.4	27.6#
176	24.1	13.6	20.4#





#15
Fluoranthene
Concen: 0.556 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:202 Resp: 14559

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	30.3
100	10.2	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

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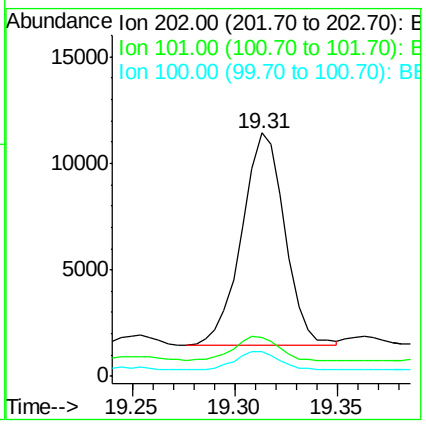
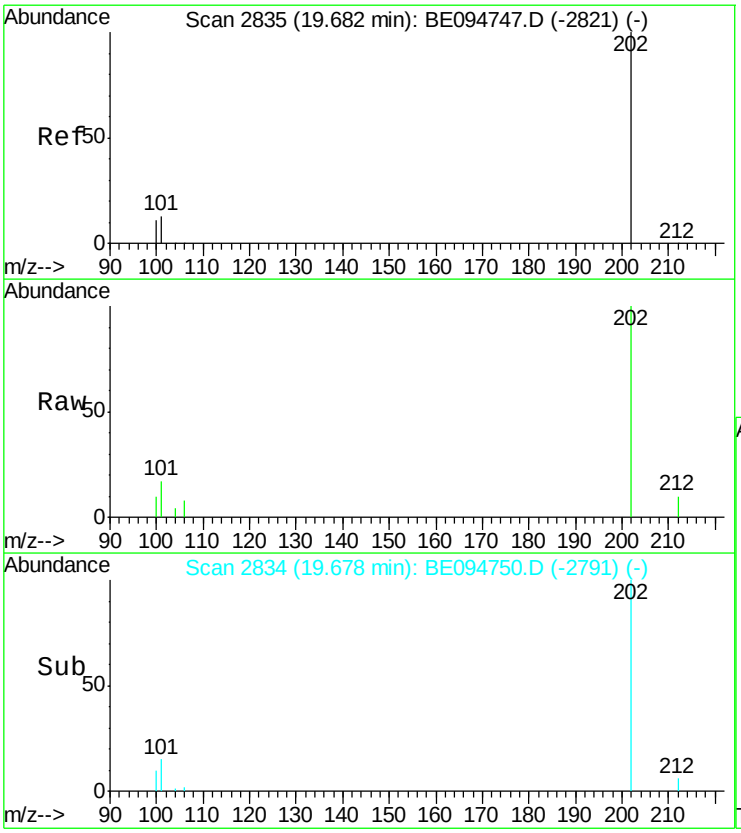
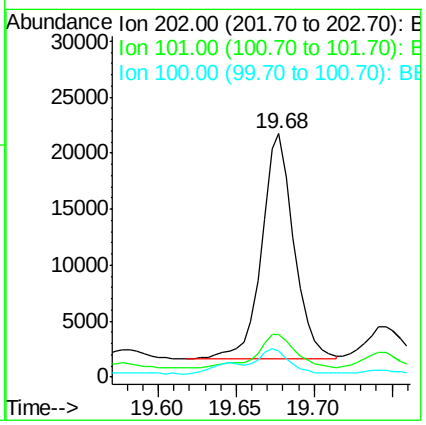


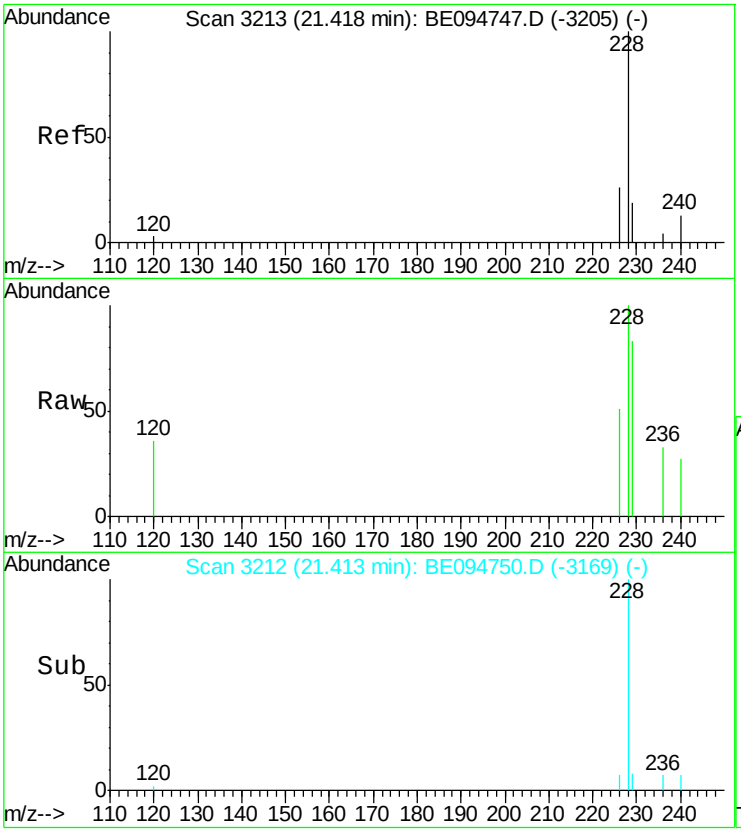


#17
Pyrene
Concen: 1.063 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:202 Resp: 28922

Ion	Ratio	Lower	Upper
202	100		
101	17.3	18.2	27.4#
100	10.4	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:228 Resp: 9762

Ion	Ratio	Lower	Upper
228	100		
229	83.0	22.8	34.2#
226	51.0	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

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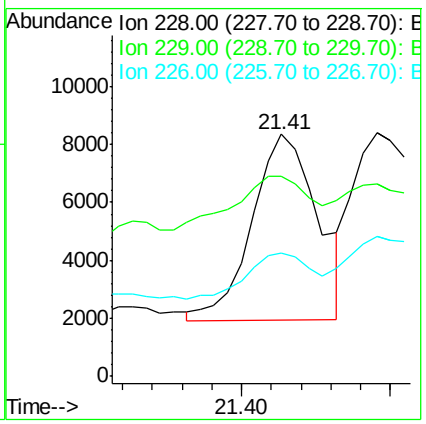
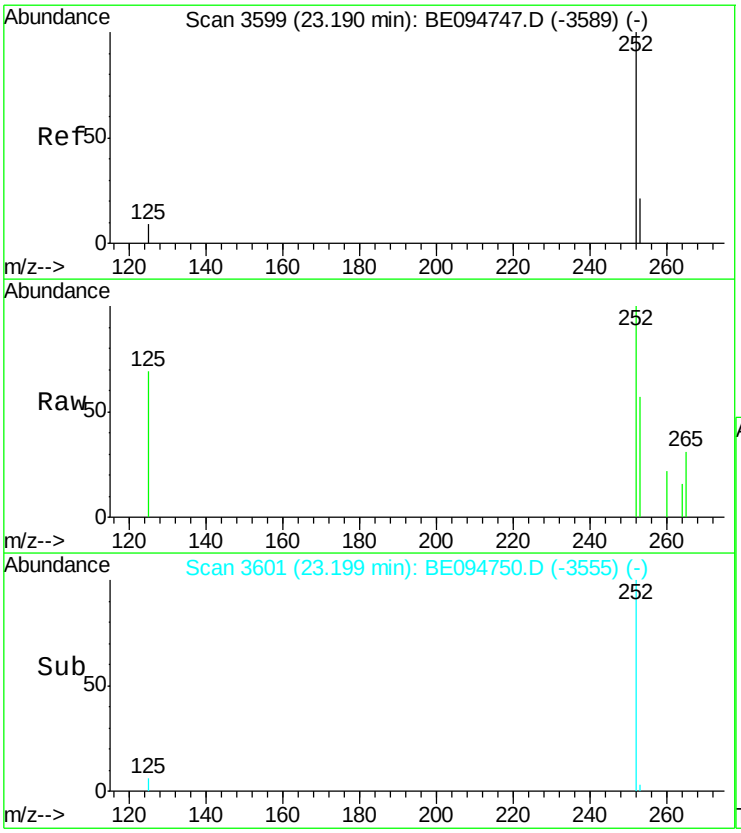
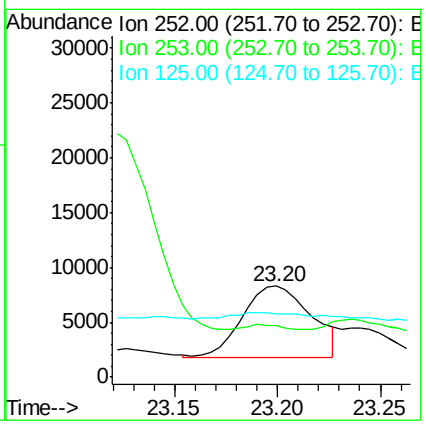


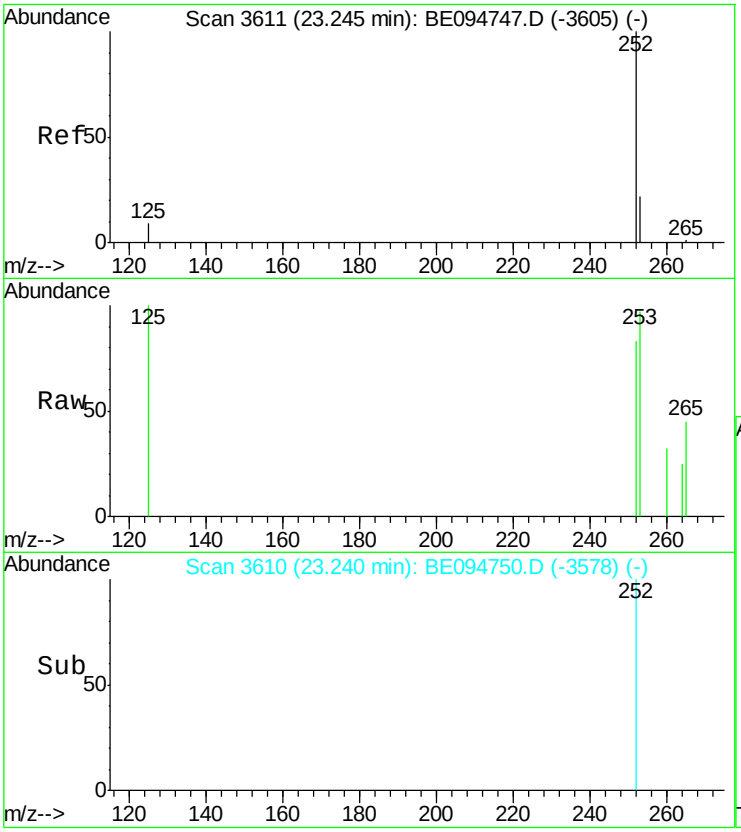


#21
Benzo(b)fluoranthene
Concen: 0.607 ng/ul m
RT: 23.20 min Scan# 3601
Delta R.T. 0.01 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:252 Resp: 15051

Ion	Ratio	Lower	Upper
252	100		
253	56.6	0.0	64.2
125	69.3	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.24 min Scan# 3610
Delta R.T. -0.00 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:252 Resp: 4764

Ion	Ratio	Lower	Upper
252	100		
253	116.2	24.5	36.7#
125	120.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-17(0.25-1.25)-101717

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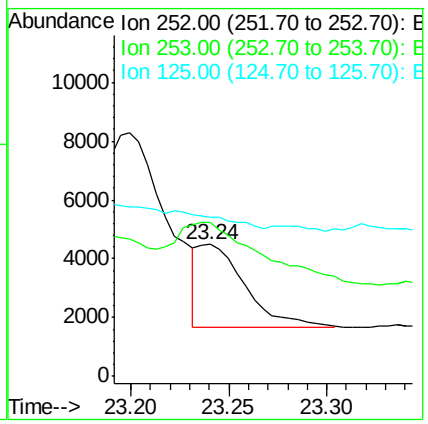
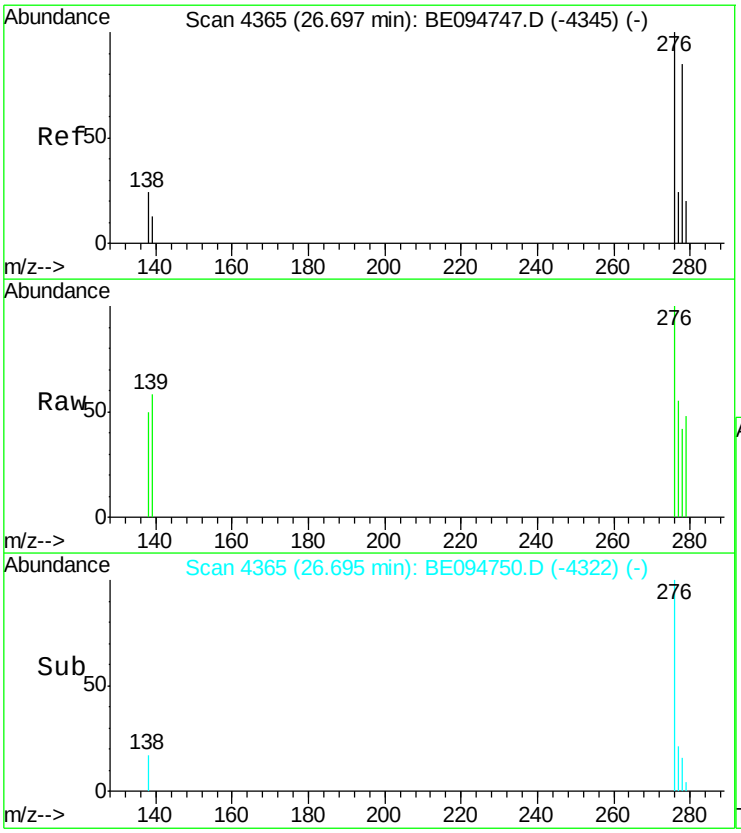
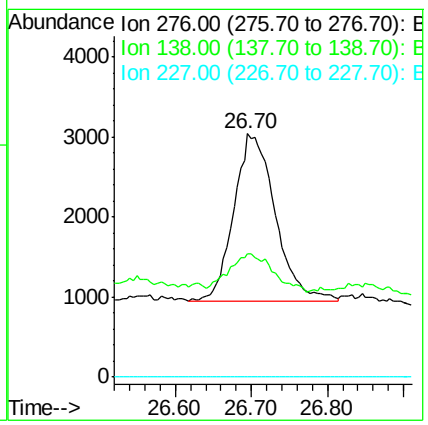


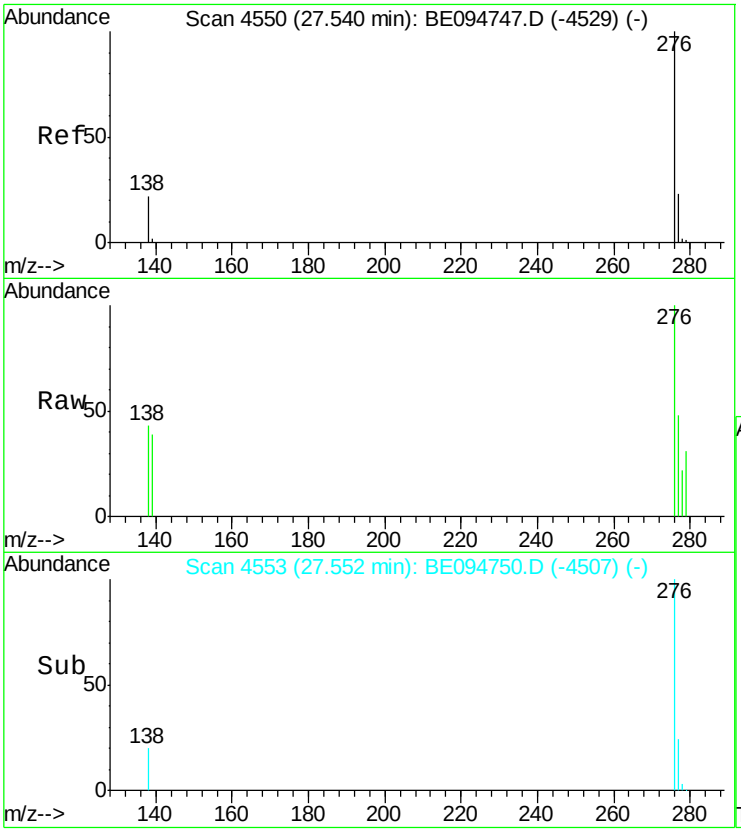


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.70 min Scan# 4365
Delta R.T. -0.00 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:276 Resp: 7844

Ion	Ratio	Lower	Upper
276	100		
138	24.7	28.0	42.0#
227	0.0	8.0	12.0#

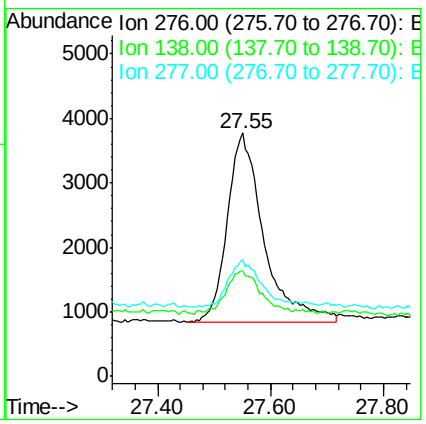




#26
Benzo(g,h,i)perylene
Concen: 0.634 ng/ul
RT: 27.55 min Scan# 4553
Delta R.T. 0.01 min
Lab File: BE094750.D
Acq: 6 Nov 2017 13:19

Tgt Ion:276 Resp: 13048

Ion	Ratio	Lower	Upper
276	100		
138	43.2	21.8	32.8#
277	47.9	20.5	30.7#



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