Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:24 PM

Quant Time: Nov 06 06:47:35 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 06:42:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3579	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20300	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	12056	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28998m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	31604	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39008m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	12532	4.87	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	4953	0.18	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	14520	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	26683	0.53	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55772	1.71	ng/ul	98
9) Acenaphthylene	13.15	152	16821	0.28	ng/ul	99
10) Acenaphthene	13.46	153	158750	3.85	ng/ul	92
11) Fluorene	14.45	166	187134	3.53	ng/ul	93
14) Phenanthrene	16.17	178	3363378m	10.04	ng/ul	
15) Anthracene	16.25	178	1179595	3.87	ng/ul	98
17) Fluoranthene	18.15	202	2873156m	7.33	ng/ul	
19) Pyrene	18.54	202	2053474	5.72	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	220499	2.72	ng/ul	97
21) Chrysene	20.32	228	198770	2.13	ng/ul	99
23) Benzo(b)fluoranthene	21.62	252	131630	1.08	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	147864m	1.18	ng/ul	
25) Benzo(a)pyrene	22.10	252	156184m	1.39	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	322242m	0.68	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	24832m	0.22	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	284365m	0.57	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 06 06:47:35 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 06:42:08 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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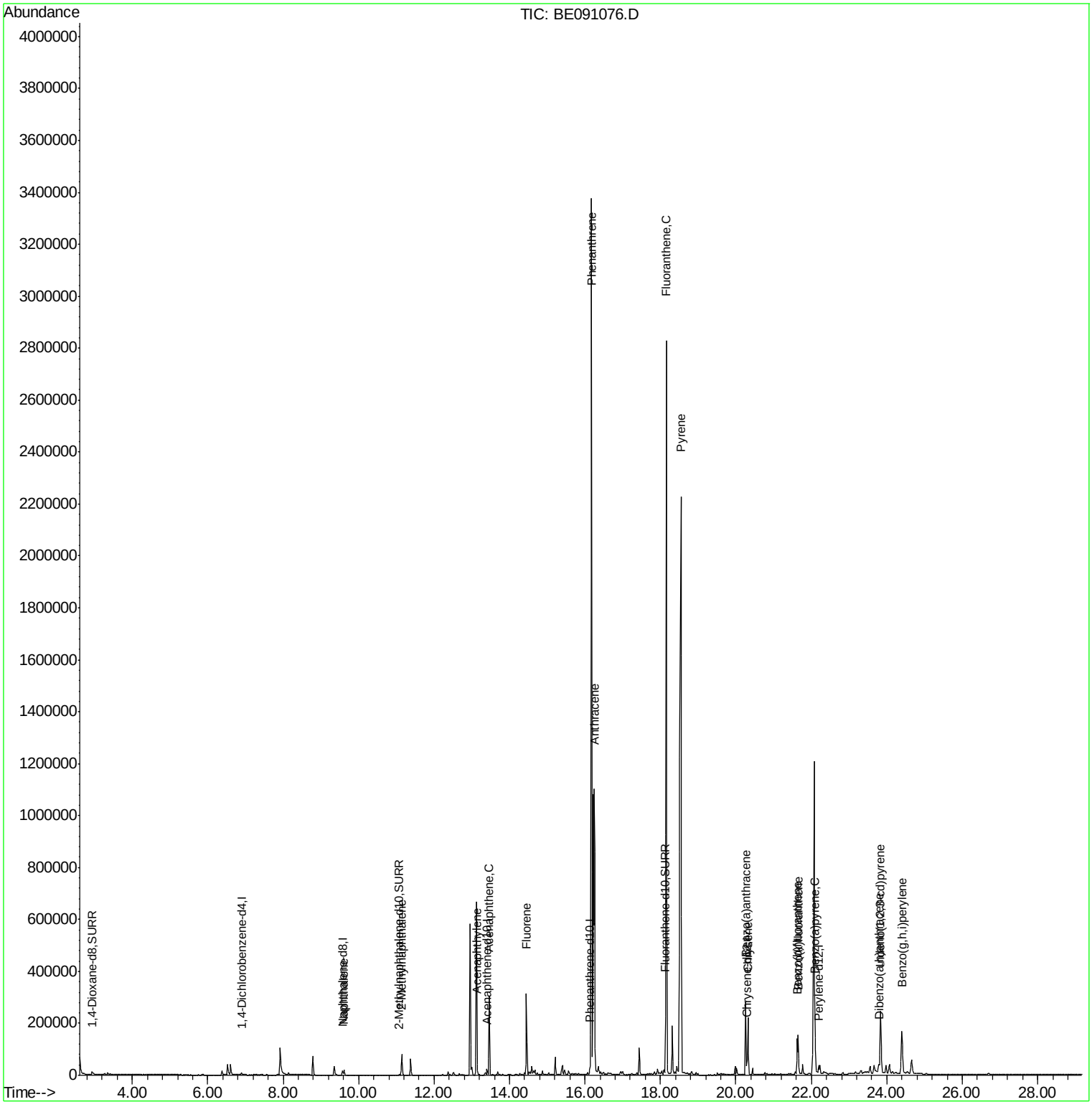
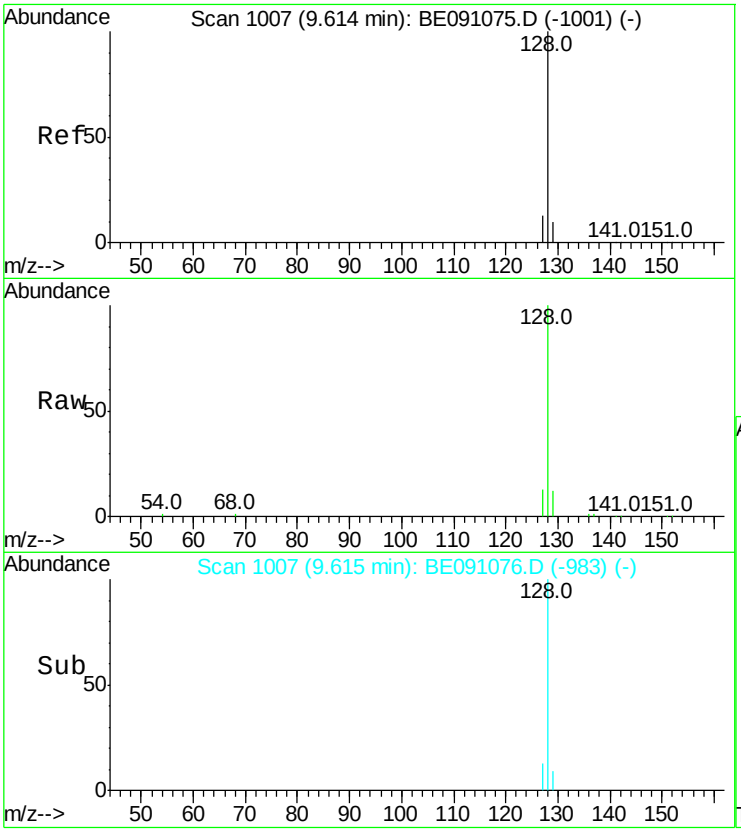
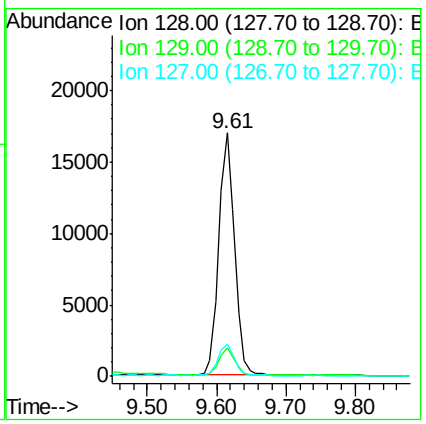




#5
Naphthalene
Concen: 0.53 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:128 Resp: 26683

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.3	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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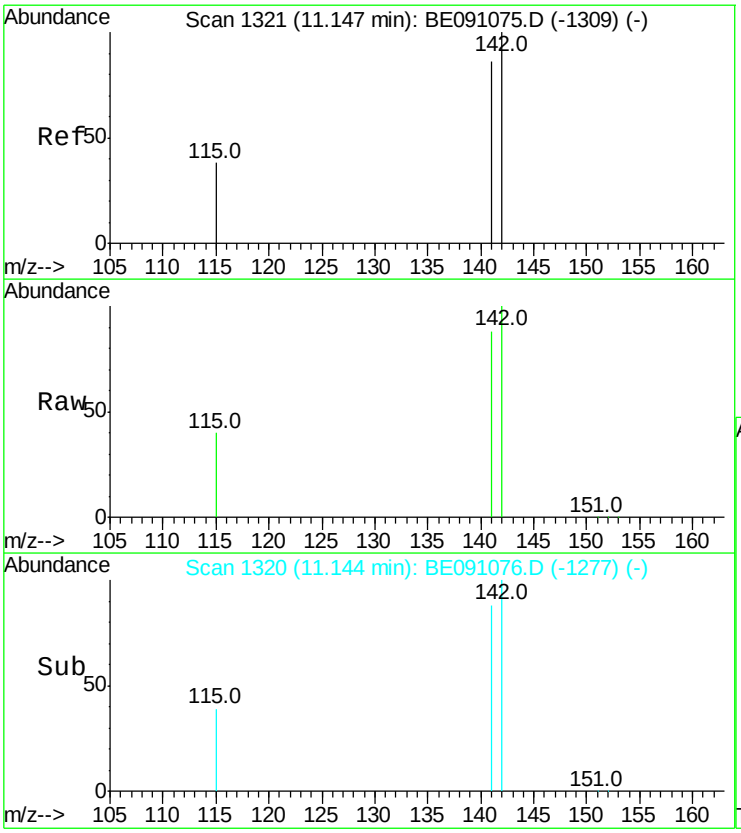
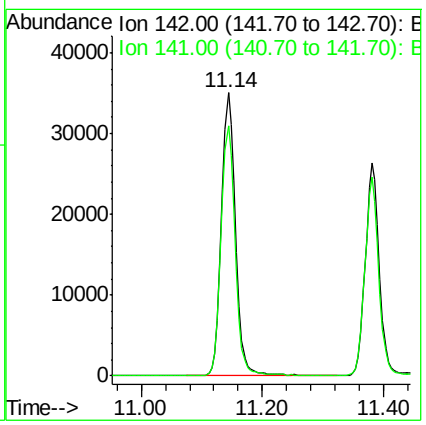
11/6/2015 3:45:24 PM

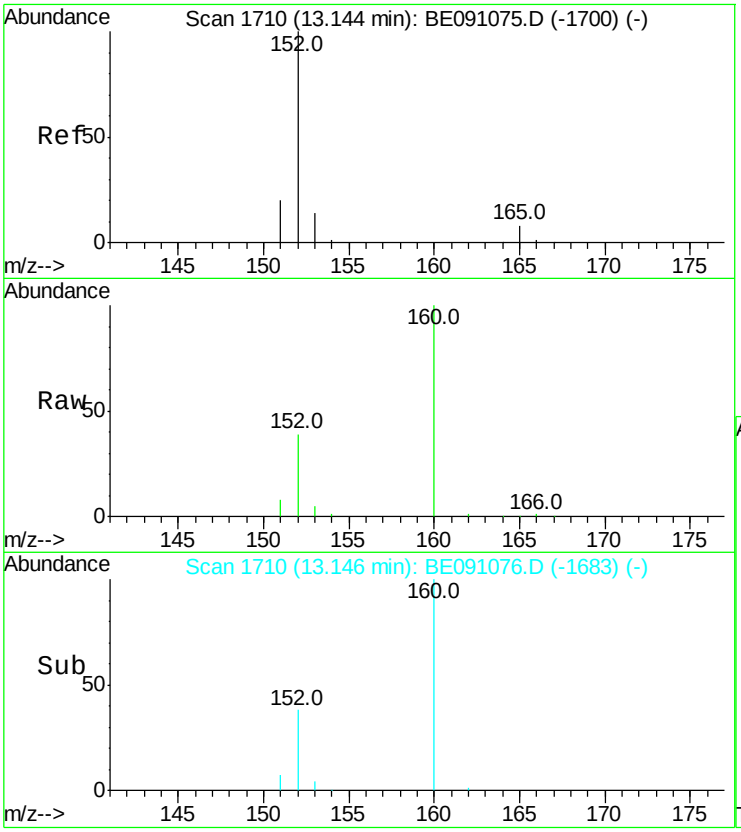


#7
2-Methylnaphthalene
Concen: 1.71 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:142 Resp: 55772

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5

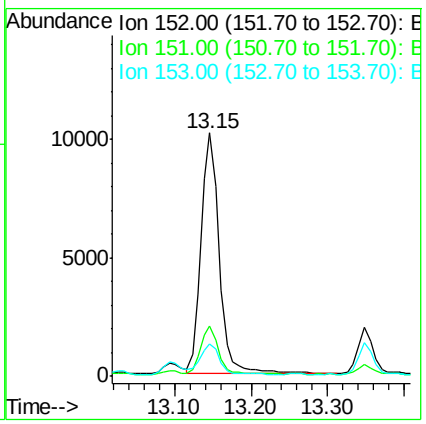




#9
Acenaphthylene
Concen: 0.28 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:152 Resp: 16821

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.3	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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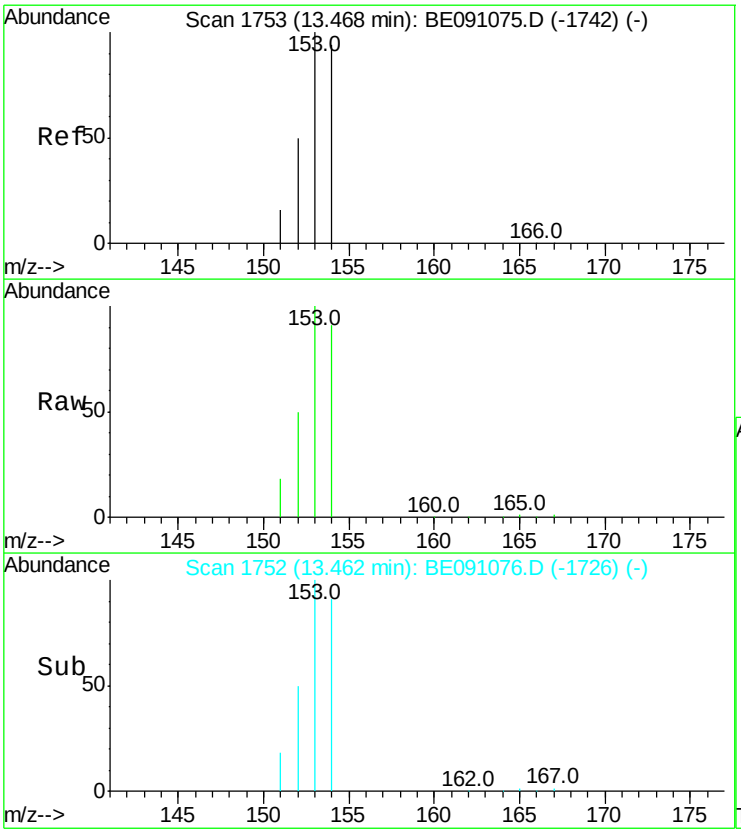
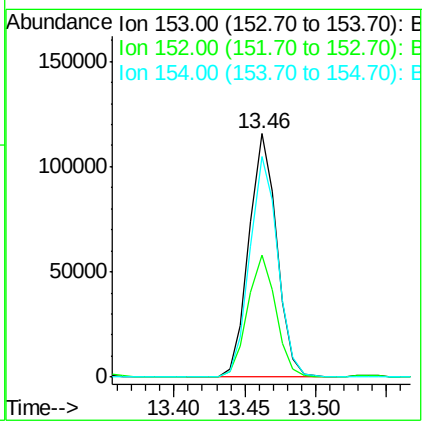
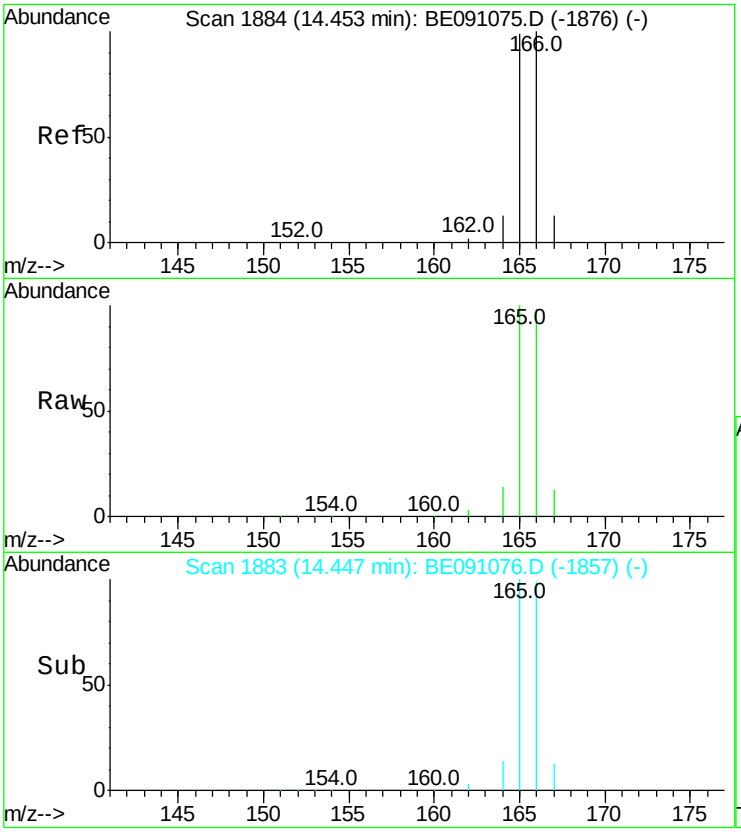


#10
Acenaphthene
Concen: 3.85 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:153 Resp: 158750

Ion	Ratio	Lower	Upper
153	100		
152	50.3	42.3	63.5
154	90.8	64.7	97.1

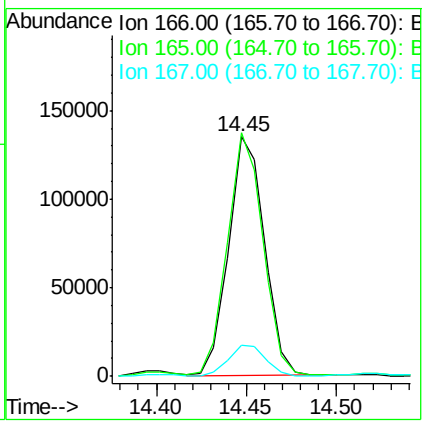




#11
Fluorene
Concen: 3.53 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:166 Resp: 187134

Ion	Ratio	Lower	Upper
166	100		
165	101.7	87.6	131.4
167	13.2	11.1	16.7



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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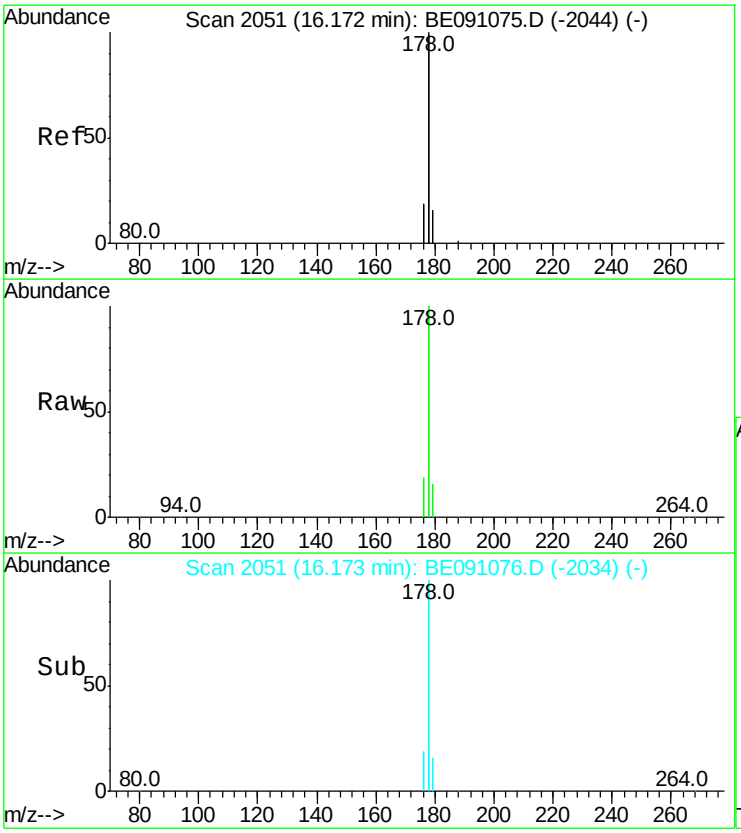
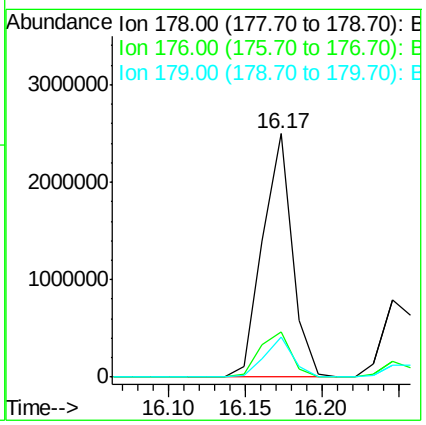
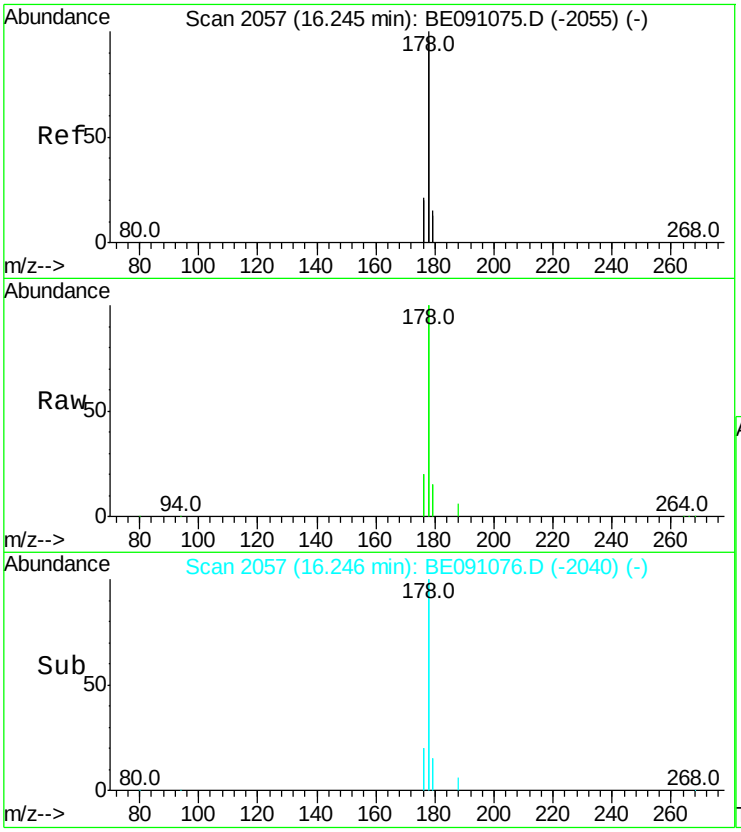


#14
Phenanthrene
Concen: 10.04 ng/ul m
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:178 Resp: 3363378

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.3	12.8	19.2

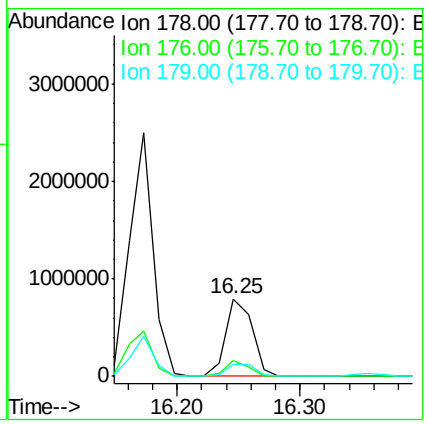




#15
Anthracene
Concen: 3.87 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:178 Resp: 1179595

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.2	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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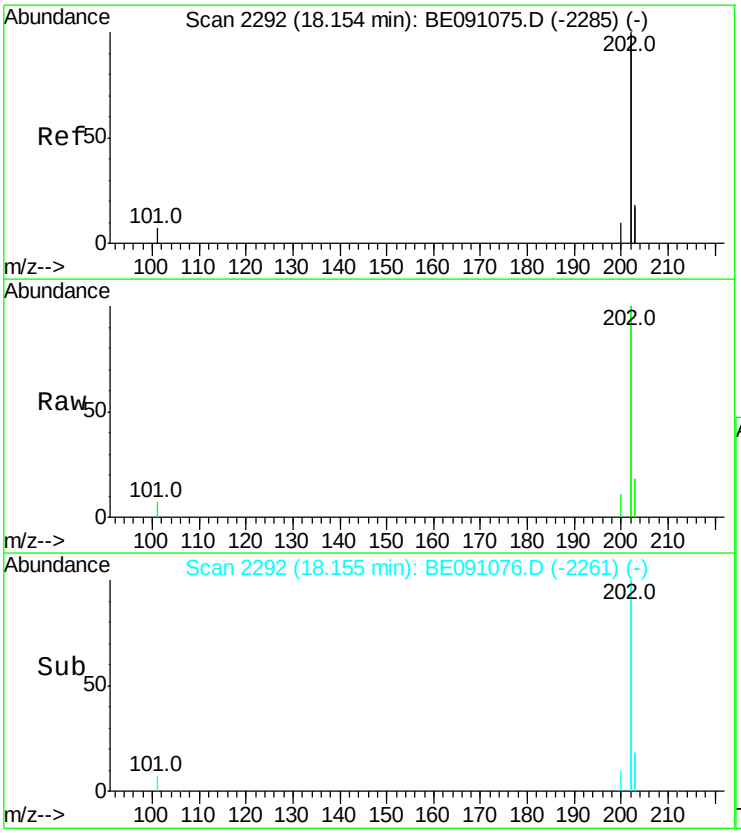
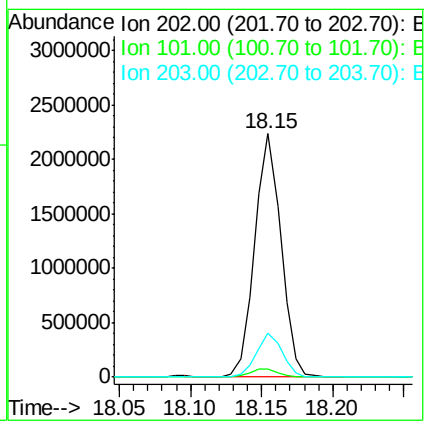
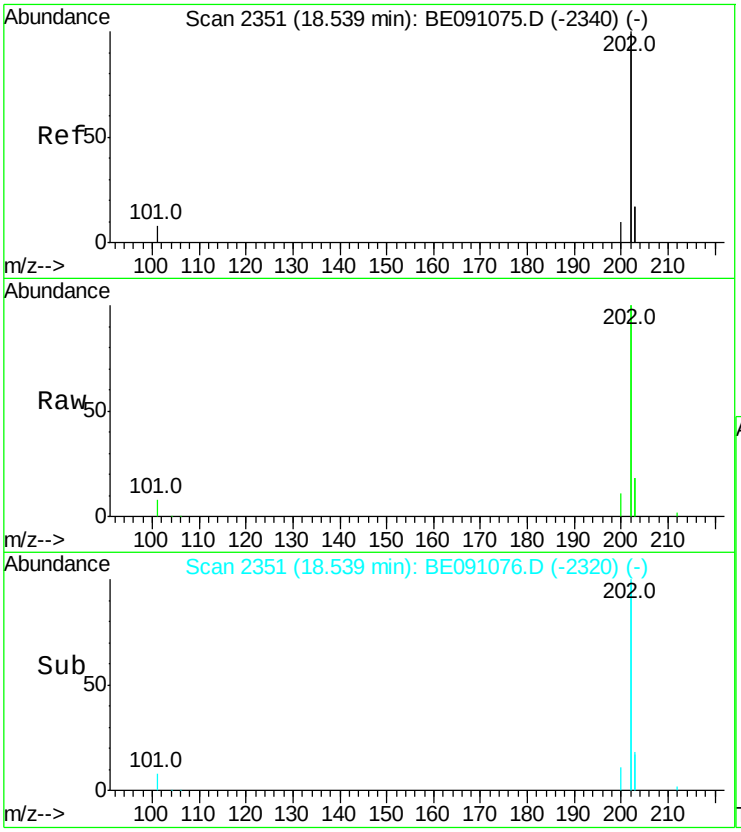


#17
Fluoranthene
Concen: 7.33 ng/ul m
RT: 18.15 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:202 Resp: 2873156

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	33.1
203	17.8	0.0	37.2

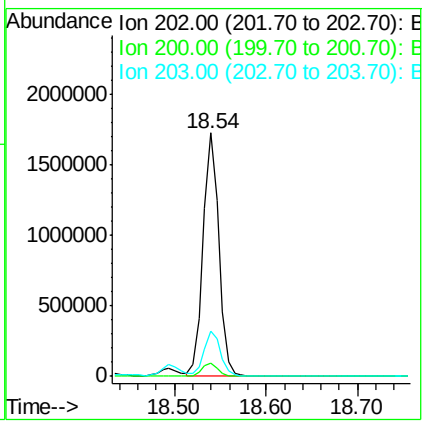




#19
Pyrene
Concen: 5.72 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:202 Resp: 2053474

Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	18.5	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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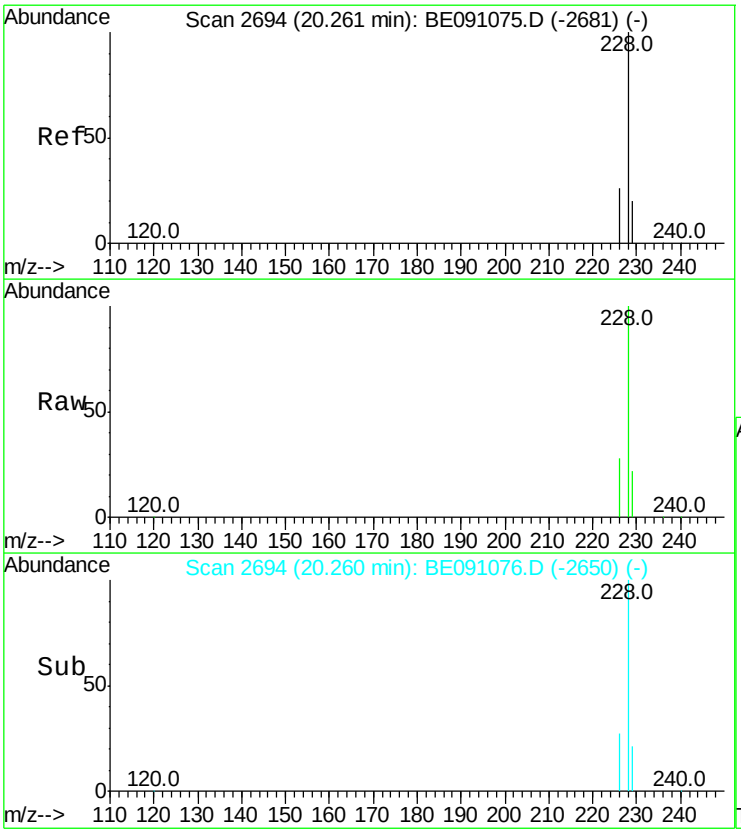
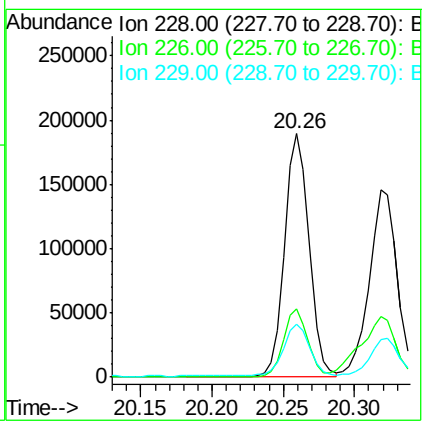
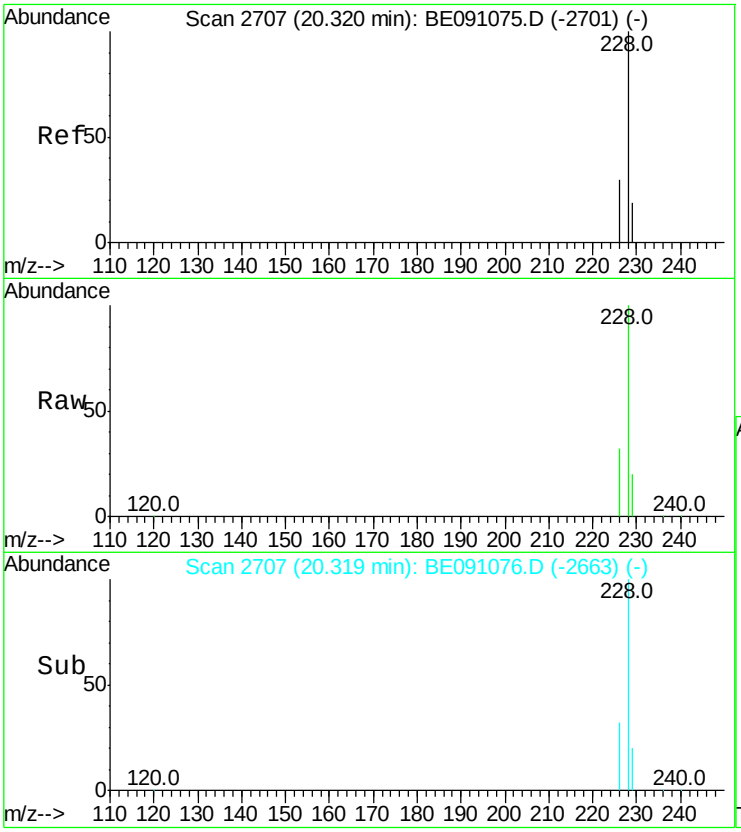


#20
Benzo(a)anthracene
Concen: 2.72 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:228 Resp: 220499

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	21.7	15.2	22.8





#21
Chrysene
Concen: 2.13 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:228 Resp: 198770

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	20.3	15.2	22.8

Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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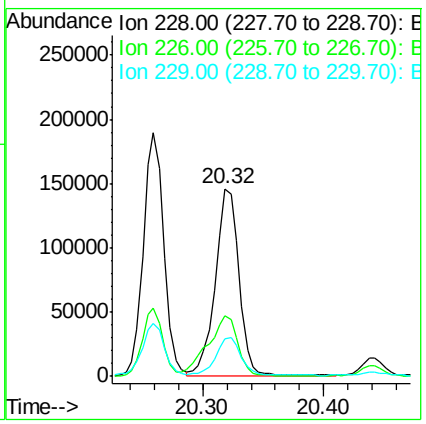
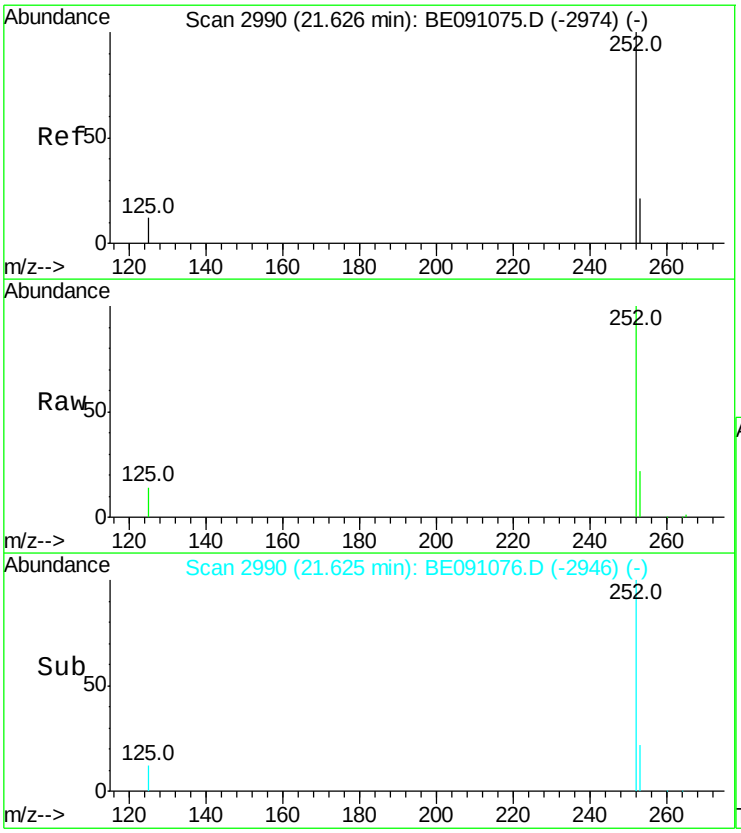
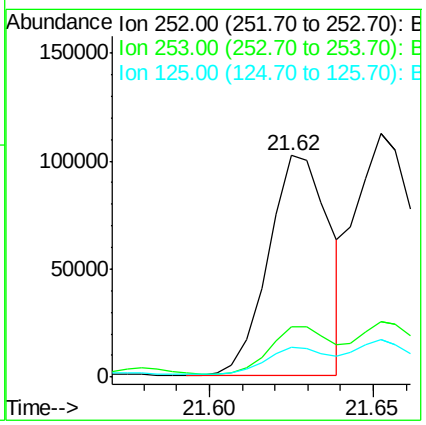


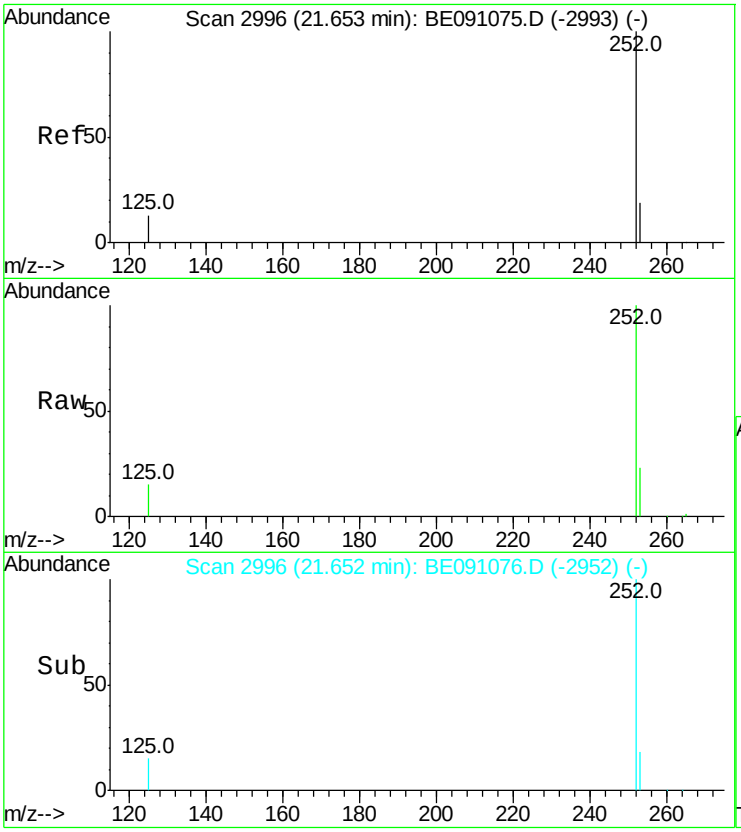


#23
Benzo(b)fluoranthene
Concen: 1.08 ng/ul
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:252 Resp: 131630

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	48.0
125	13.6	0.0	36.6

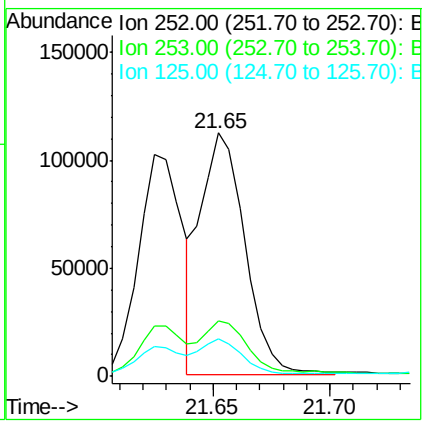




#24
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:252 Resp: 147864

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	15.4	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
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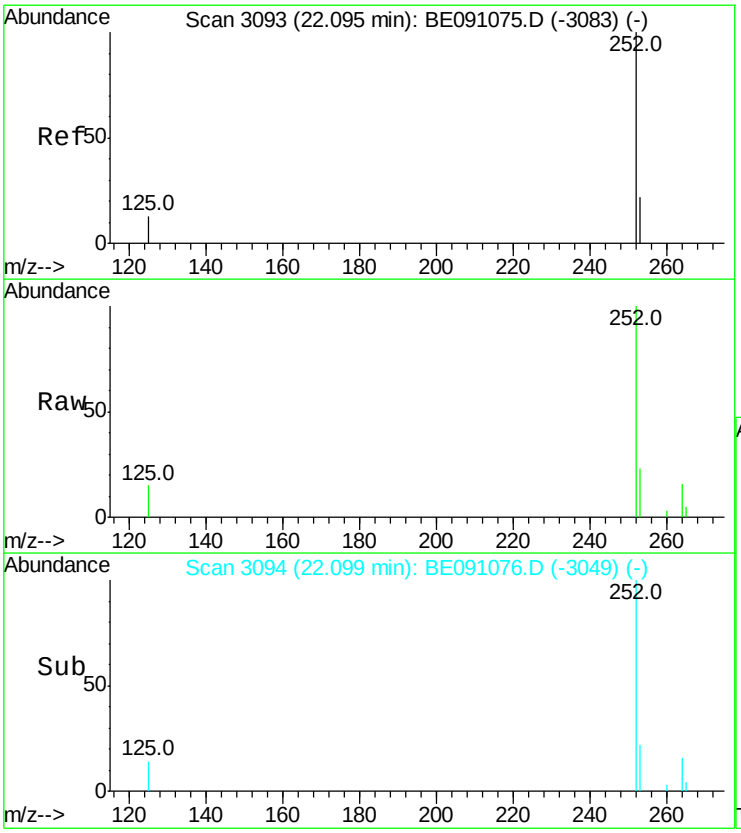
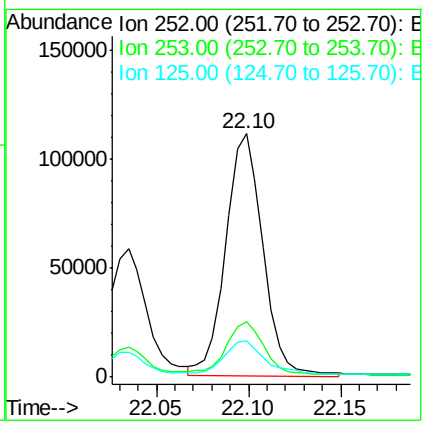
11/6/2015 3:45:24 PM

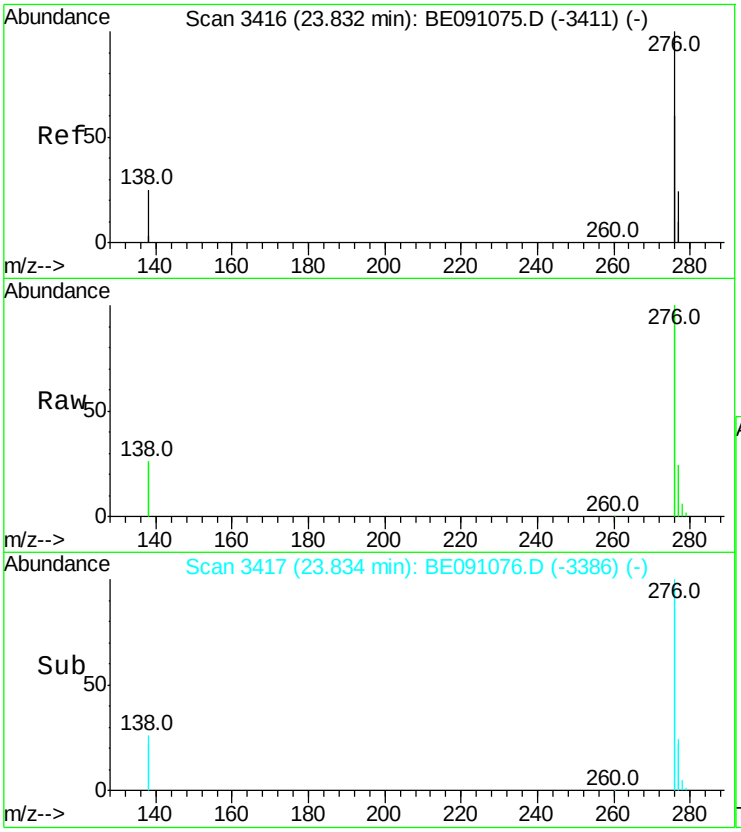


#25
Benzo(a)pyrene
Concen: 1.39 ng/ul m
RT: 22.10 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:252 Resp: 156184

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.8	32.8
125	14.7	14.5	21.7





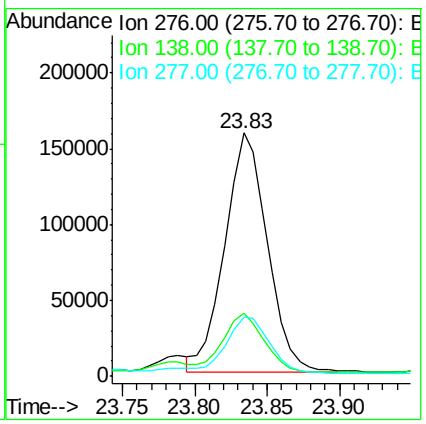
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

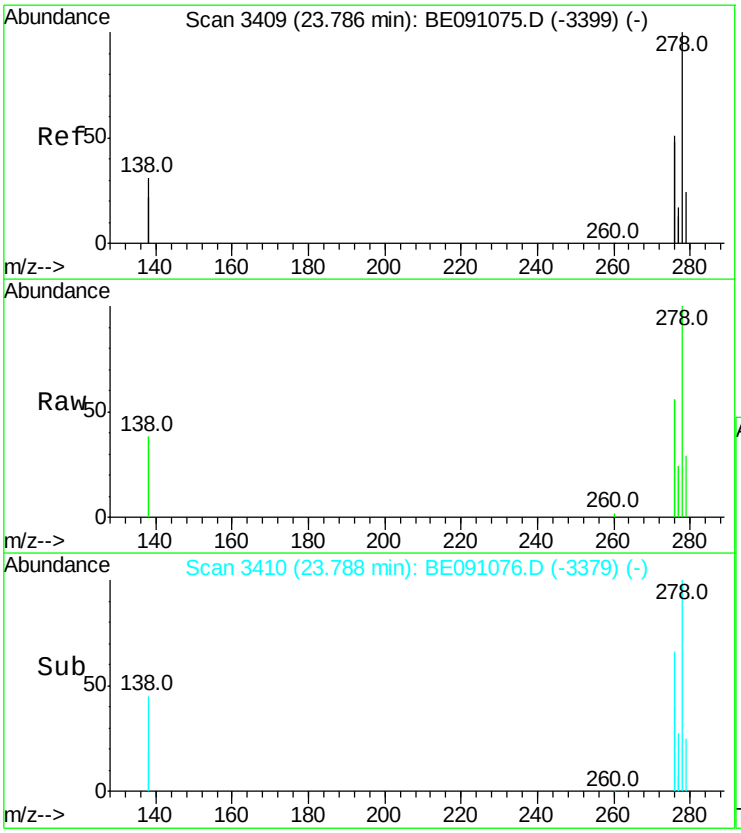
Tgt Ion:276 Resp: 322242

Ion	Ratio	Lower	Upper
276	100		
138	4.9	27.5	41.3#
277	5.2	19.3	28.9#

Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:24 PM

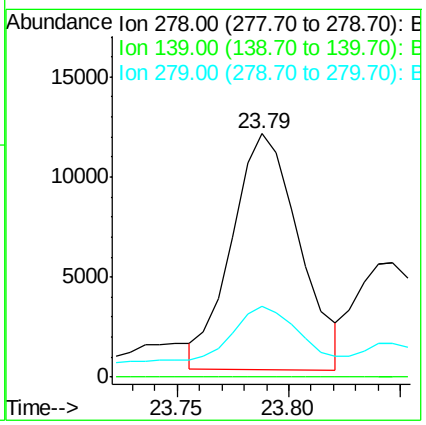


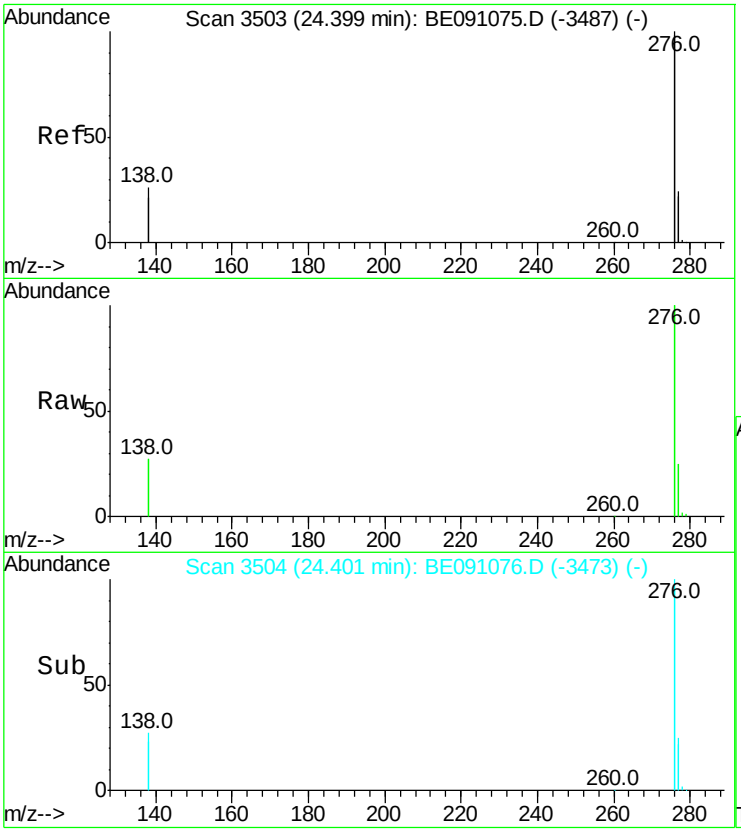


#27
Dibenzo(a,h)anthracene
Concen: 0.22 ng/ul m
RT: 23.79 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:278 Resp: 24832

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	29.3	21.9	32.9

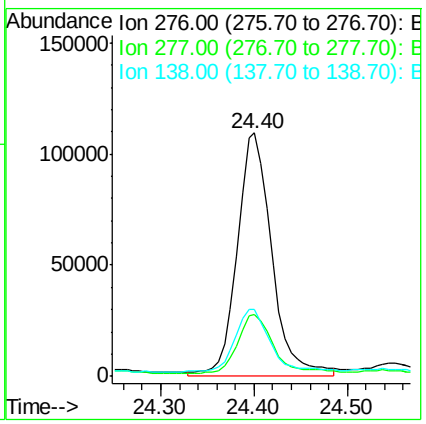




#28
Benzo(g,h,i)perylene
Concen: 0.57 ng/ul m
RT: 24.40 min Scan# 3504
Delta R.T. 0.00 min
Lab File: BE091076.D
Acq: 5 Nov 2015 21:30

Tgt Ion:276 Resp: 284365

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.3	31.9
138	27.3	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
C0AP8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:24 PM