Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091068.D
Acq On : 5 Nov 2015 13:54
Operator : UM/NP
Sample : G4273-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:16 PM

Quant Time: Nov 06 06:15:01 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 05:41:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	4300	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	23678	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	13594	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	31841m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	34012	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	43626m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	17162	5.55	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	6506	0.20	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	19001m	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	21864	0.37	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	20585	0.54	ng/ul	97
9) Acenaphthylene	13.15	152	30509	0.45	ng/ul	98
10) Acenaphthene	13.46	153	216126	4.65	ng/ul	93
11) Fluorene	14.45	166	276280	4.63	ng/ul	89
14) Phenanthrene	16.17	178	2955313m	8.04	ng/ul	
15) Anthracene	16.25	178	2600126	7.78	ng/ul	97
17) Fluoranthene	18.15	202	4254792m	9.89	ng/ul	
19) Pyrene	18.54	202	2989674	7.74	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	347411	3.98	ng/ul	95
21) Chrysene	20.32	228	324205	3.22	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	177535	1.30	ng/ul	93
24) Benzo(k)fluoranthene	21.65	252	202008m	1.45	ng/ul	
25) Benzo(a)pyrene	22.10	252	216325m	1.72	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	392710m	0.74	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	30498m	0.24	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	330088m	0.60	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 : BE091068.D
Acq On : 5 Nov 2015 13:54
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 06:15:01 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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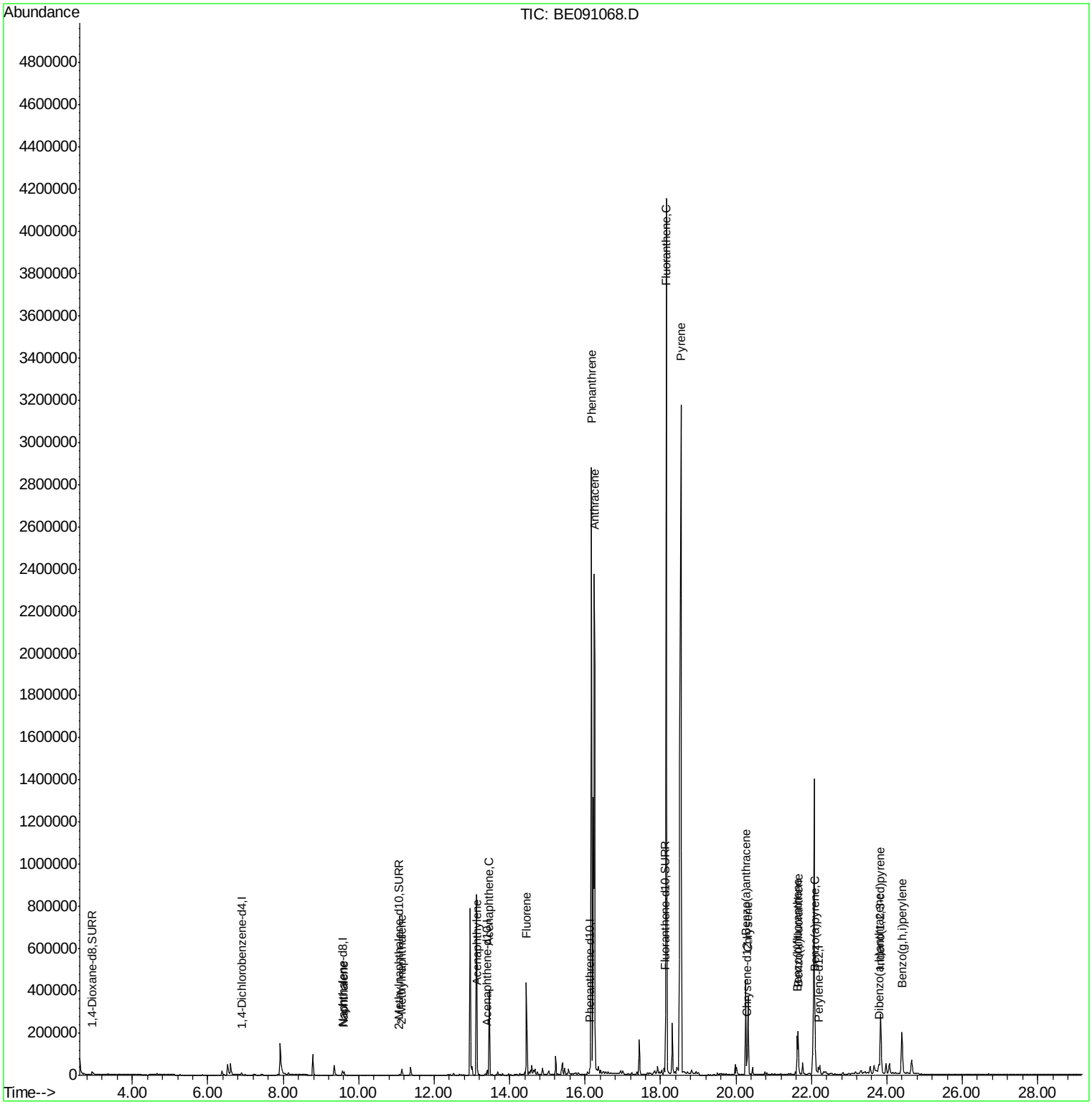
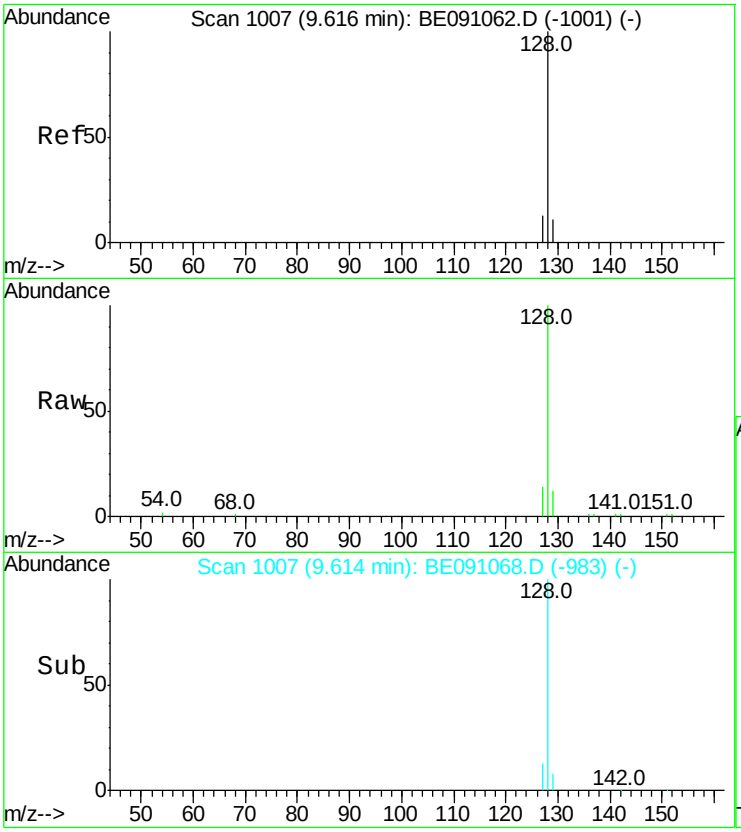
11/6/2015 3:45:16 PM

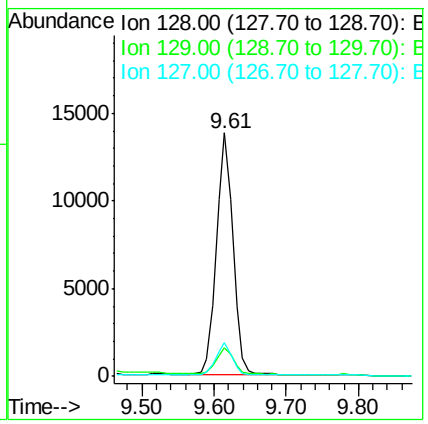




#5
Naphthalene
Concen: 0.37 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:128 Resp: 21864

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.8
127	13.6	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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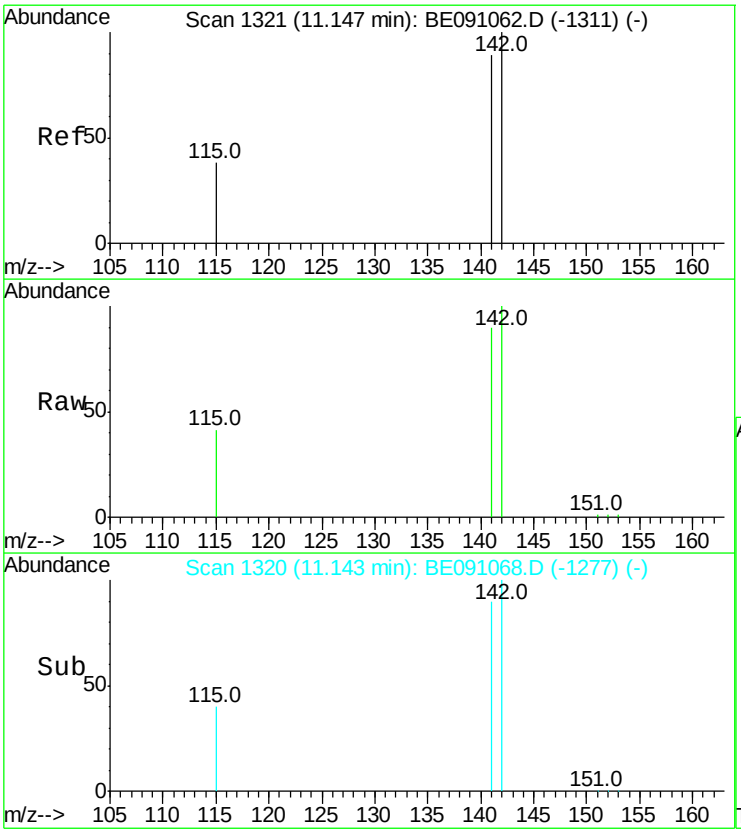
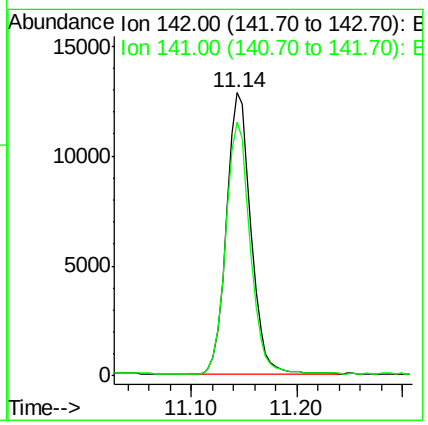
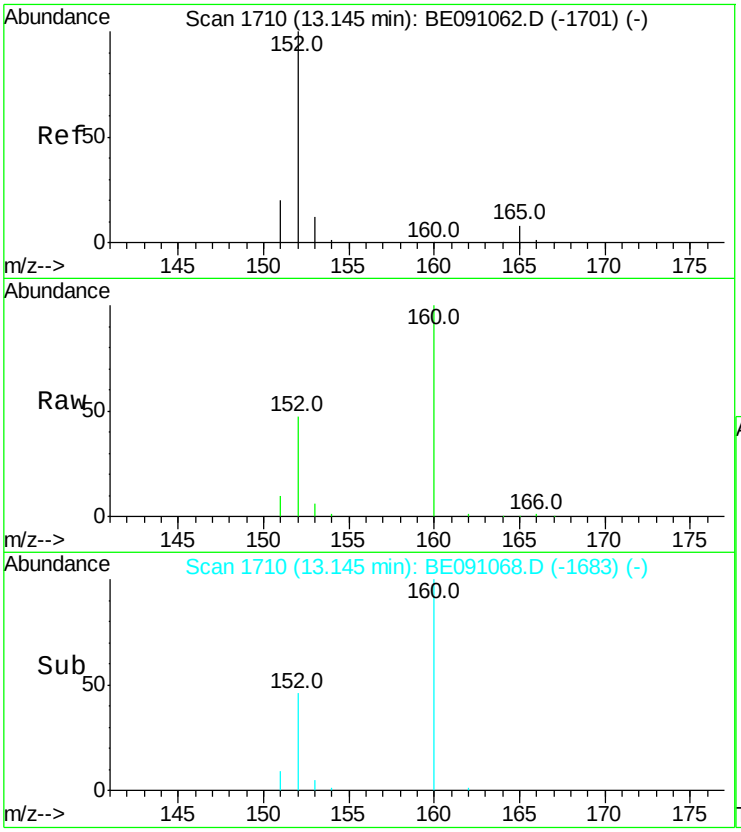


#7
2-Methylnaphthalene
Concen: 0.54 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:142 Resp: 20585

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5

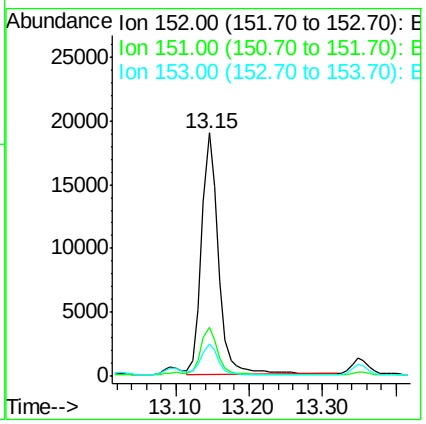




#9
Acenaphthylene
Concen: 0.45 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:152 Resp: 30509

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.5	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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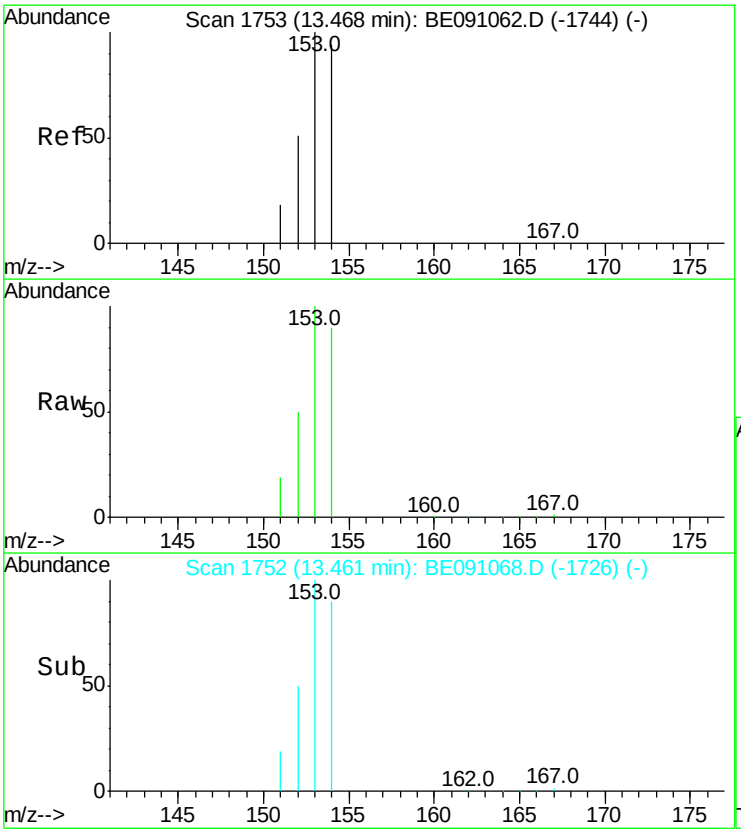
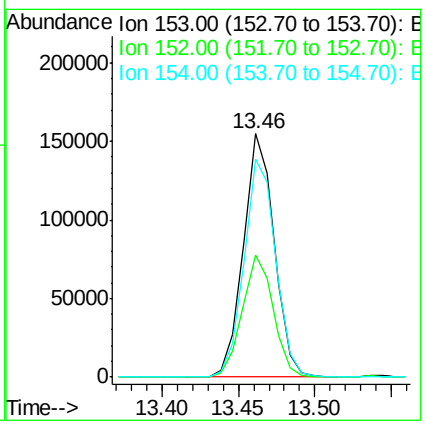
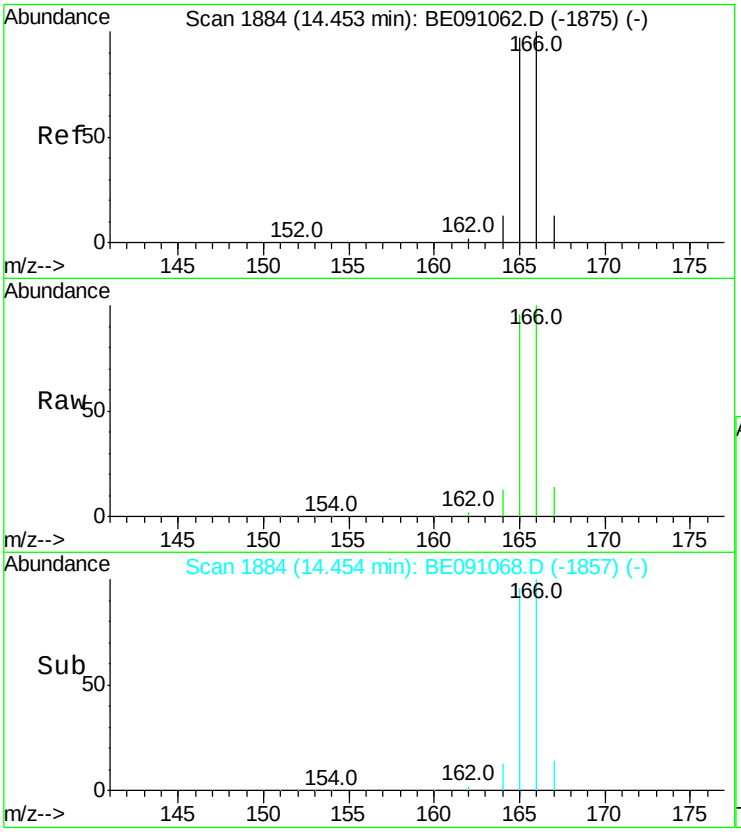


#10
Acenaphthene
Concen: 4.65 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:153 Resp: 216126

Ion	Ratio	Lower	Upper
153	100		
152	50.4	42.3	63.5
154	89.7	64.7	97.1

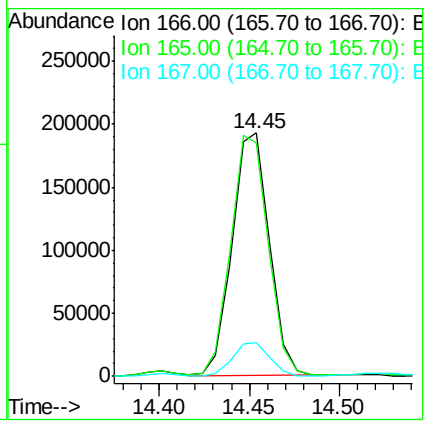




#11
Fluorene
Concen: 4.63 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:166 Resp: 276280

Ion	Ratio	Lower	Upper
166	100		
165	95.9	87.6	131.4
167	13.9	11.1	16.7



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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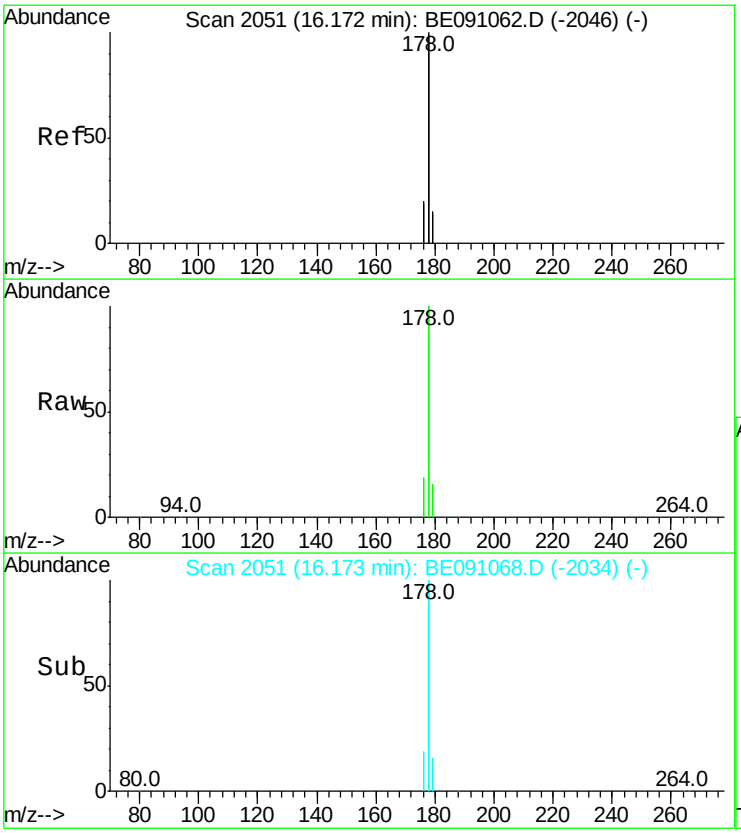
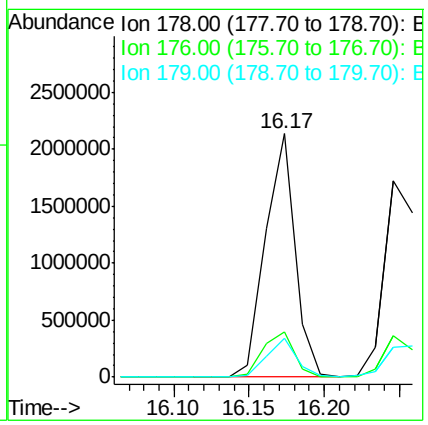
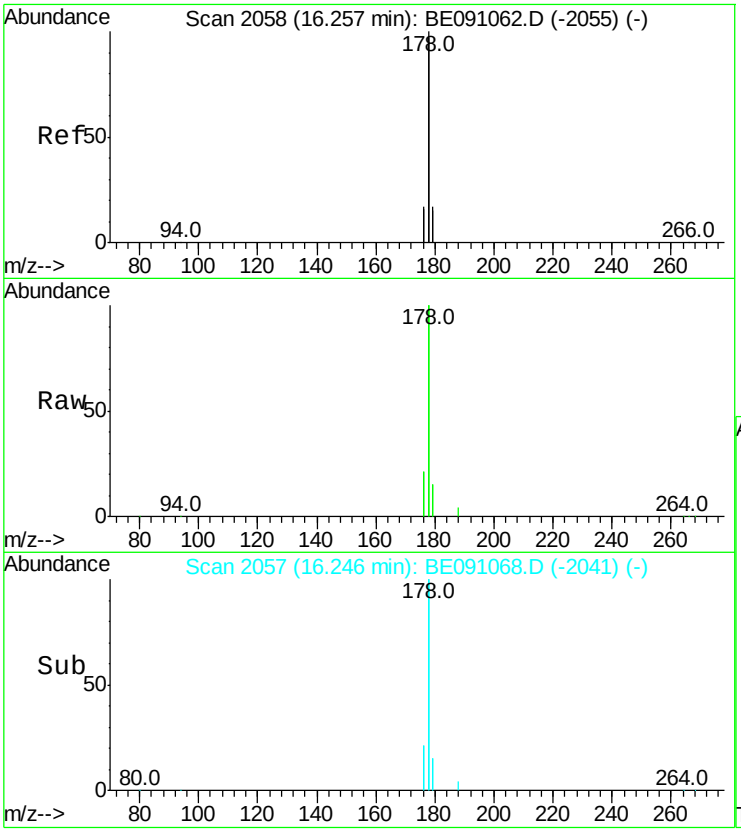


#14
Phenanthrene
Concen: 8.04 ng/ul m
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:178 Resp: 2955313

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	16.2	12.8	19.2

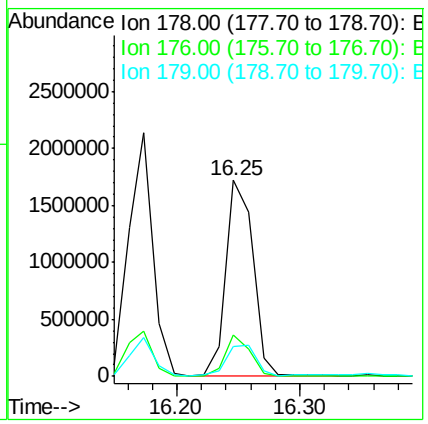




#15
Anthracene
Concen: 7.78 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:178 Resp: 2600126

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.3	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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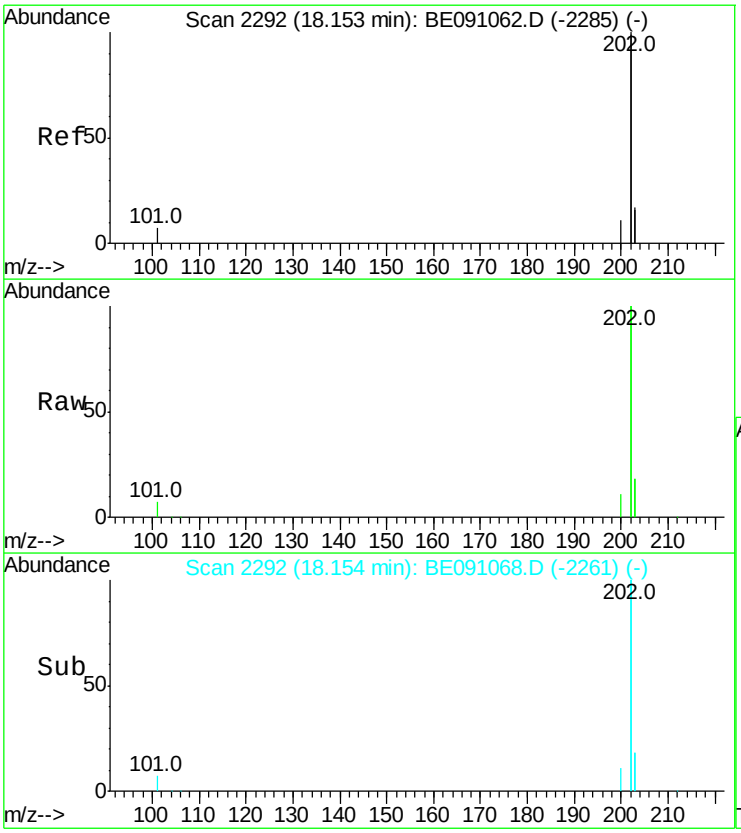
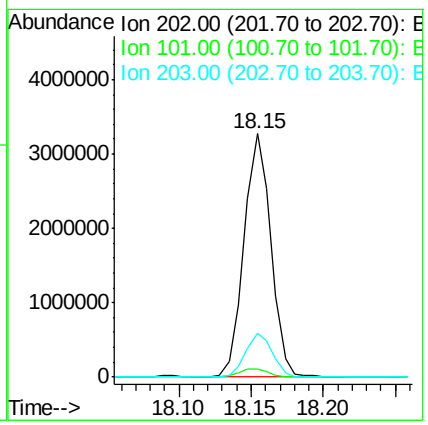
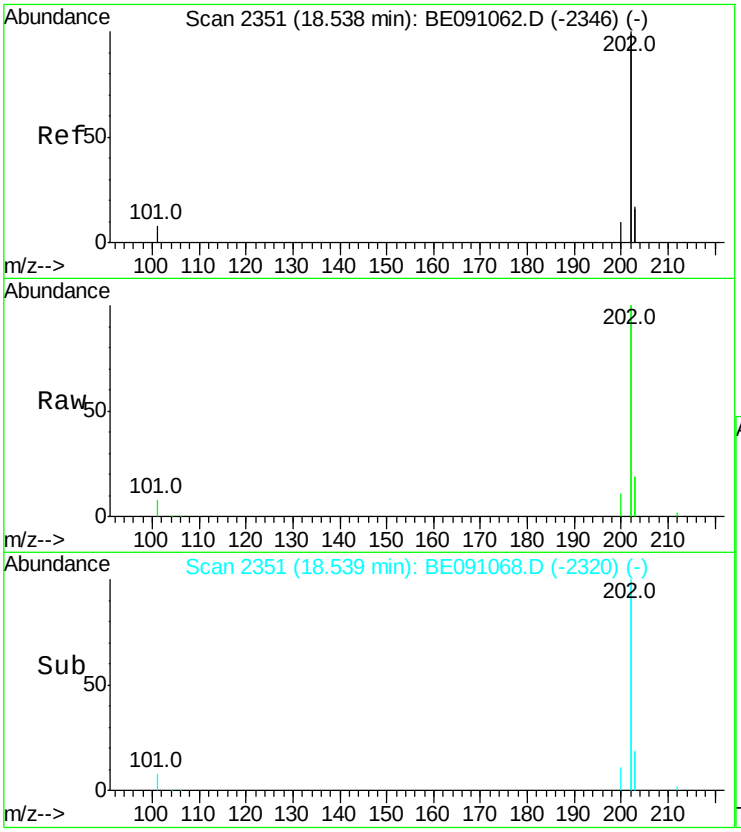


#17
Fluoranthene
Concen: 9.89 ng/ul m
RT: 18.15 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:202 Resp: 4254792

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	33.1
203	18.0	0.0	37.2

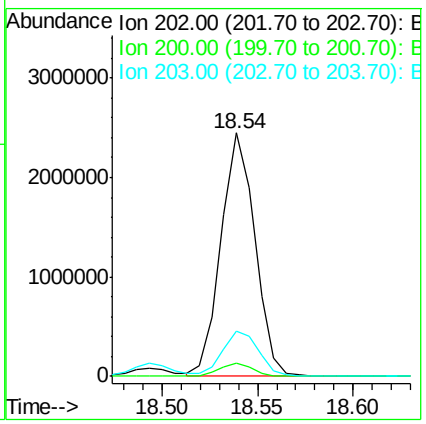




#19
Pyrene
Concen: 7.74 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:202 Resp: 2989674

Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	18.7	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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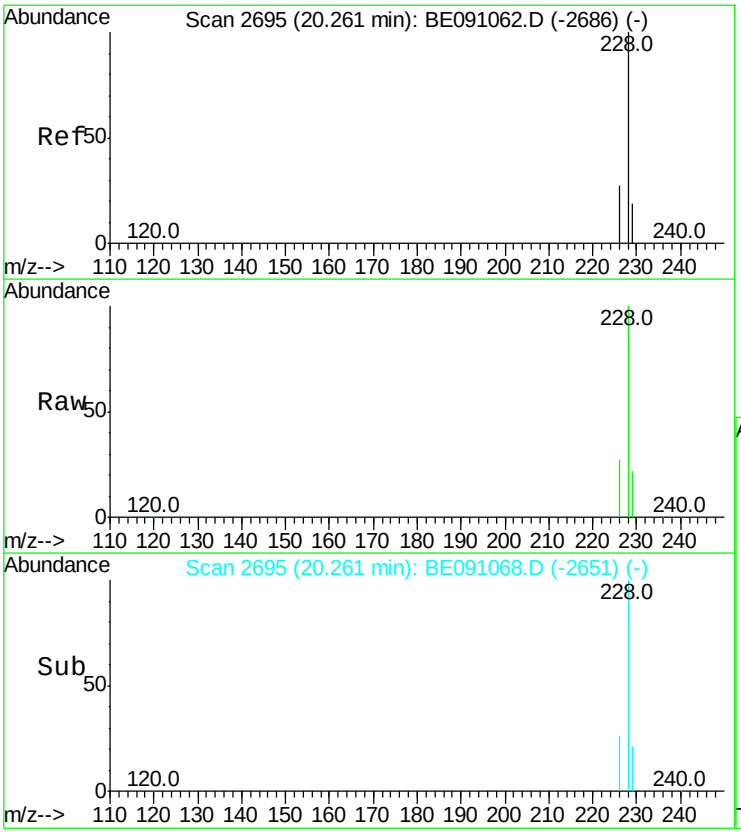
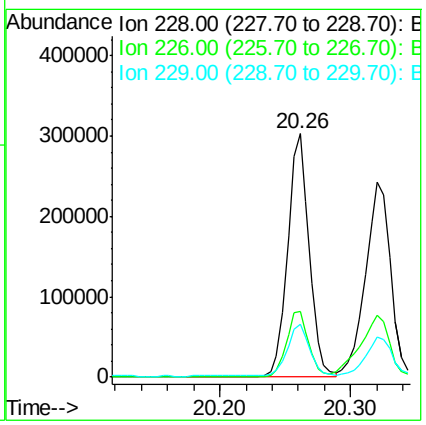
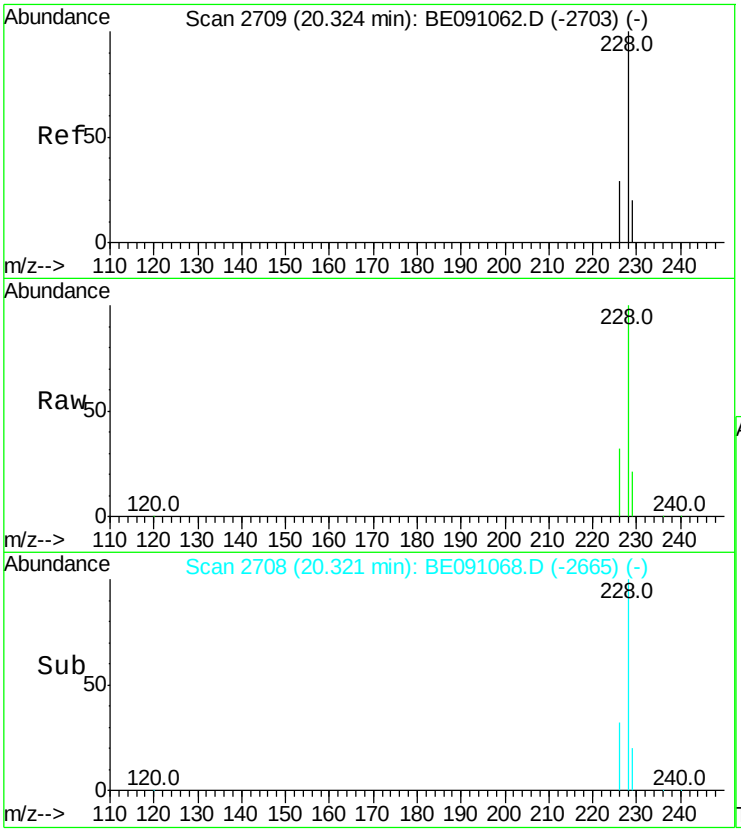


#20
Benzo(a)anthracene
Concen: 3.98 ng/ul
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:228 Resp: 347411

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.0	34.4
229	21.7	15.2	22.8

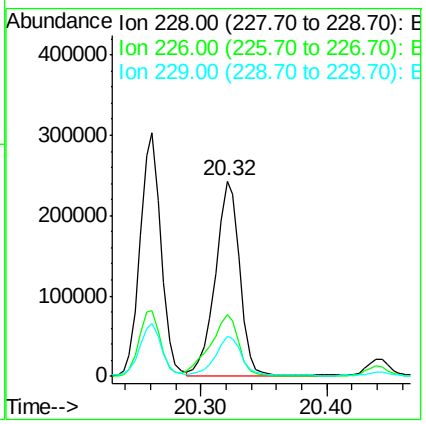




#21
Chrysene
Concen: 3.22 ng/ul
RT: 20.32 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:228 Resp: 324205

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	20.8	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
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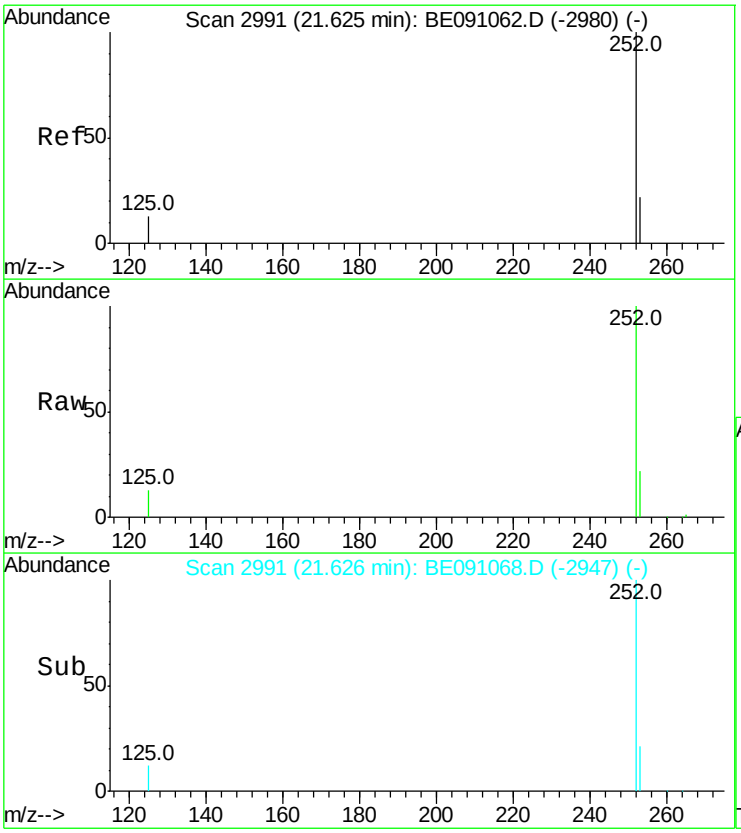
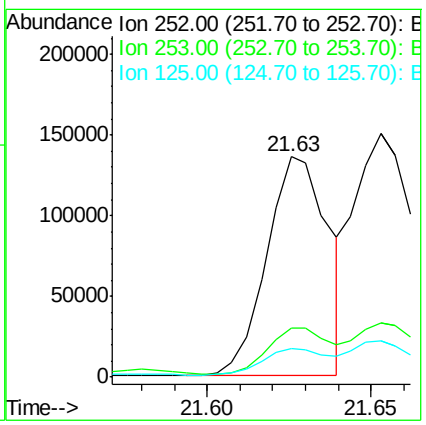
11/6/2015 3:45:16 PM

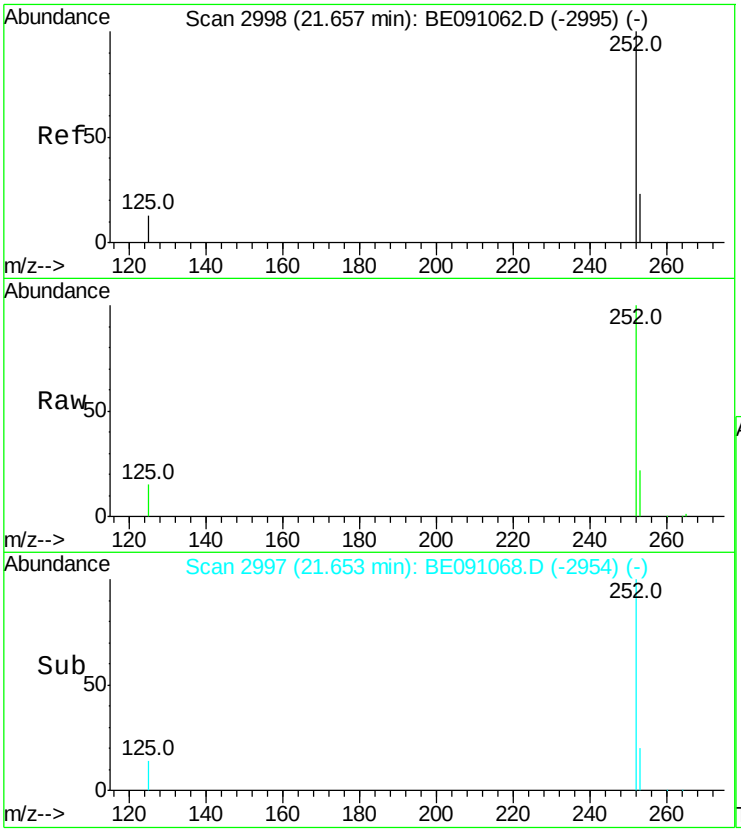


#23
Benzo(b)fluoranthene
Concen: 1.30 ng/ul
RT: 21.63 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:252 Resp: 177535

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	48.0
125	13.2	0.0	36.6

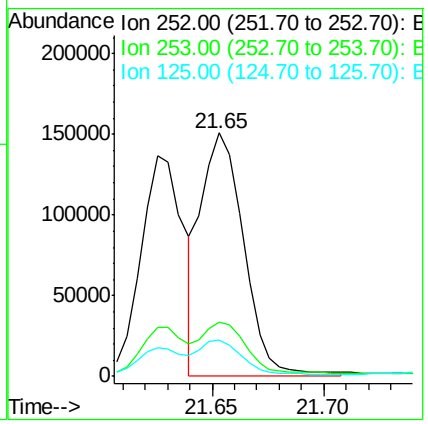




#24
Benzo(k)fluoranthene
Concen: 1.45 ng/ul m
RT: 21.65 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

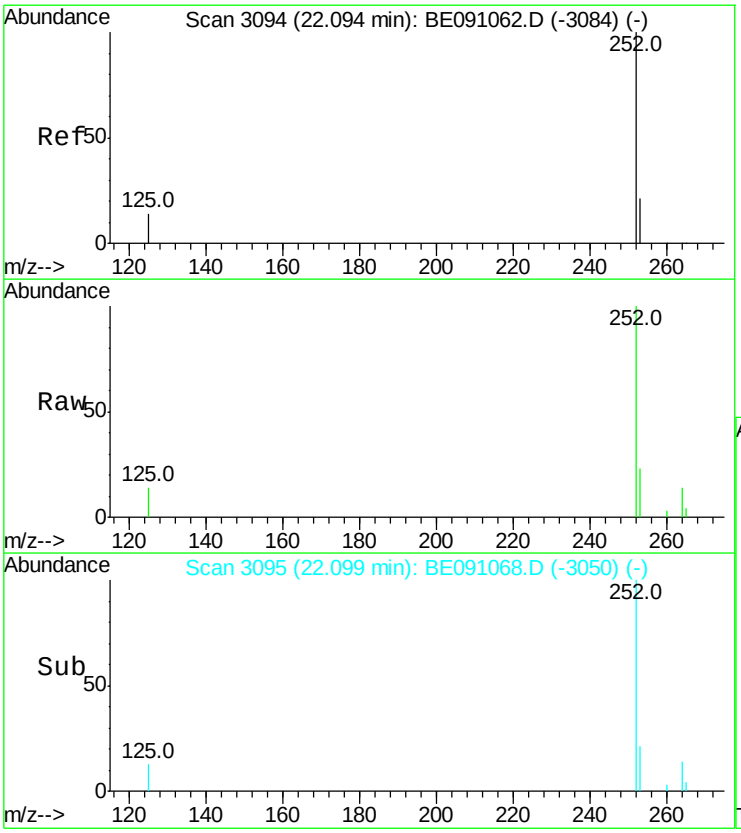
Tgt Ion:252 Resp: 202008

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	14.9	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
C0AP0

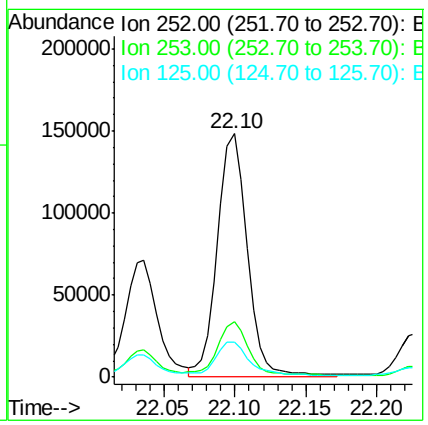
Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:16 PM

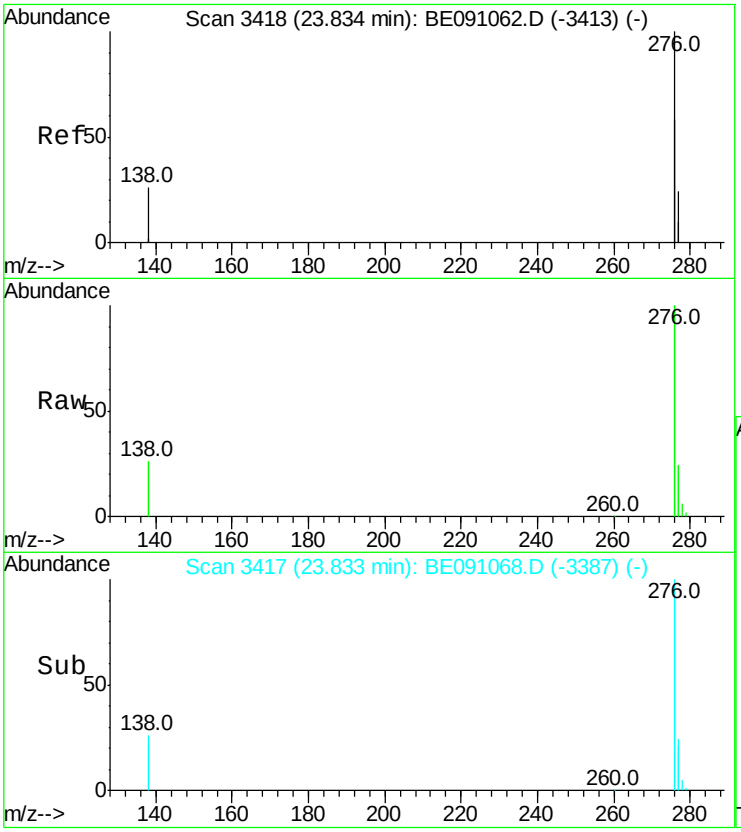


#25
Benzo(a)pyrene
Concen: 1.72 ng/ul m
RT: 22.10 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:252 Resp: 216325

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.8	32.8
125	14.1	14.5	21.7#





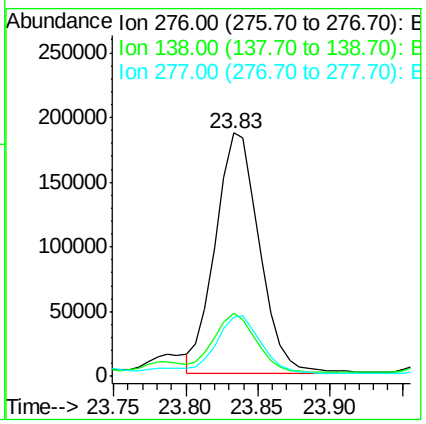
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

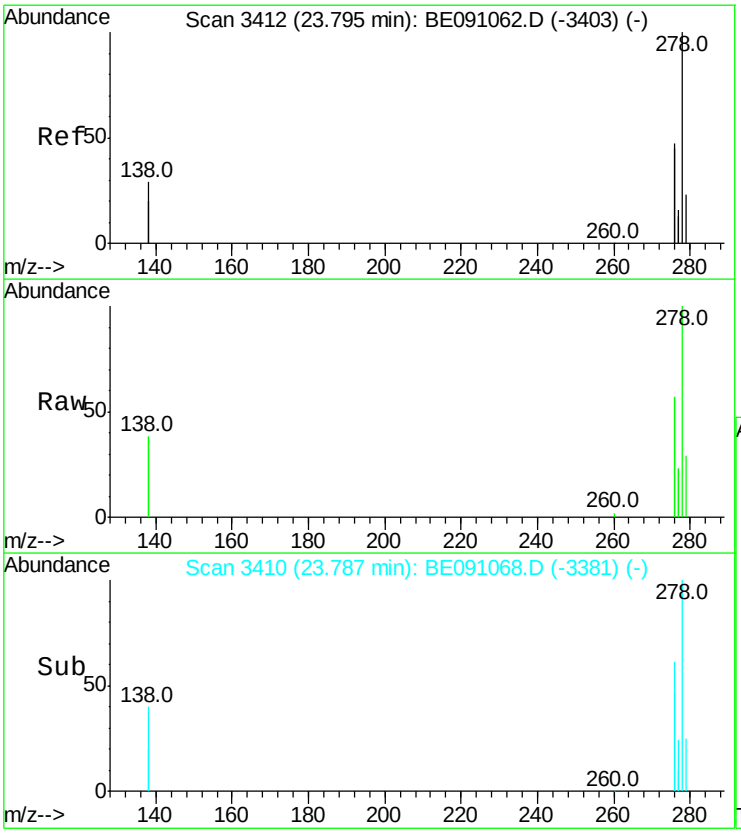
Tgt Ion:276 Resp: 392710

Ion	Ratio	Lower	Upper
276	100		
138	4.5	27.5	41.3#
277	5.4	19.3	28.9#

Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:16 PM

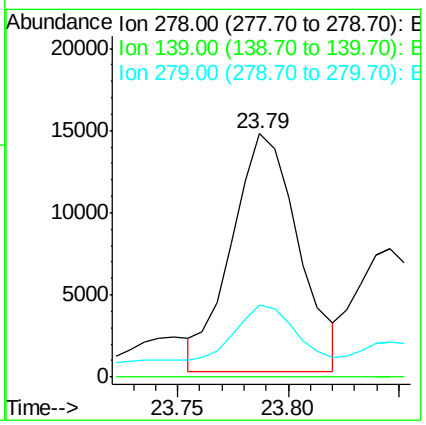


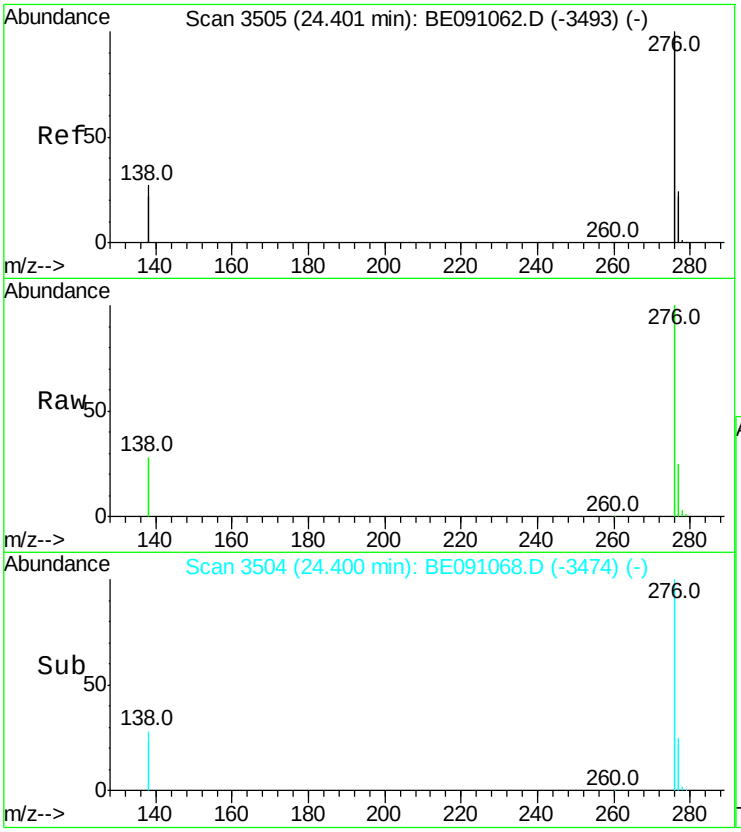


#27
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul m
RT: 23.79 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:278 Resp: 30498

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	29.4	21.9	32.9

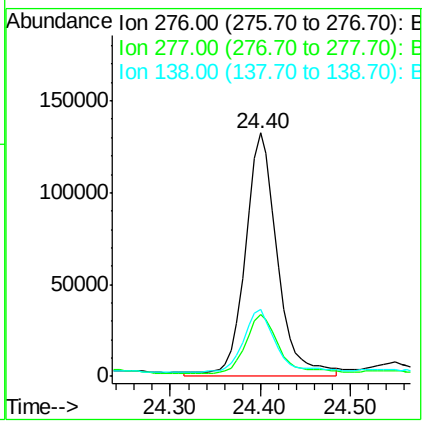




#28
Benzo(g,h,i)perylene
Concen: 0.60 ng/ul m
RT: 24.40 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BE091068.D
Acq: 5 Nov 2015 13:54

Tgt Ion:276 Resp: 330088

Ion	Ratio	Lower	Upper
276	100		
277	25.3	21.3	31.9
138	27.6	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
C0AP0

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:16 PM