Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091087.D
Acq On : 6 Nov 2015 12:58
Operator : UM/NP
Sample : G4273-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AP3DL

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:48:09 PM

Quant Time: Nov 09 13:54:48 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3246	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	17619	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	10011	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	24446	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	28016	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	29047	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	3105	1.33	ng/uL	0.02
6) 2-Methylnaphthalene-d10	11.07	152	1176	0.05	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	4055	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	14261	0.33	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	31666	1.12	ng/ul	98
9) Acenaphthylene	13.15	152	23994	0.48	ng/ul	98
10) Acenaphthene	13.46	153	151291	4.42	ng/ul	94
11) Fluorene	14.45	166	183569	4.17	ng/ul	88
14) Phenanthrene	16.17	178	2654353	9.40	ng/ul	97
15) Anthracene	16.25	178	1180898	4.60	ng/ul	99
17) Fluoranthene	18.15	202	4024436	12.18	ng/ul	88
19) Pyrene	18.54	202	2890018	9.08	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	360262	5.01	ng/ul	98
21) Chrysene	20.32	228	327654	3.95	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	223699	2.47	ng/ul	94
24) Benzo(k)fluoranthene	21.66	252	212139	2.28	ng/ul	95
25) Benzo(a)pyrene	22.10	252	244196m	2.92	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	454886m	1.29	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	37023	0.44	ng/ul#	73
28) Benzo(g,h,i)perylene	24.40	276	365954	0.99	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091087.D
Acq On : 6 Nov 2015 12:58
Operator : UM/NP
Sample : G4273-07DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 13:54:48 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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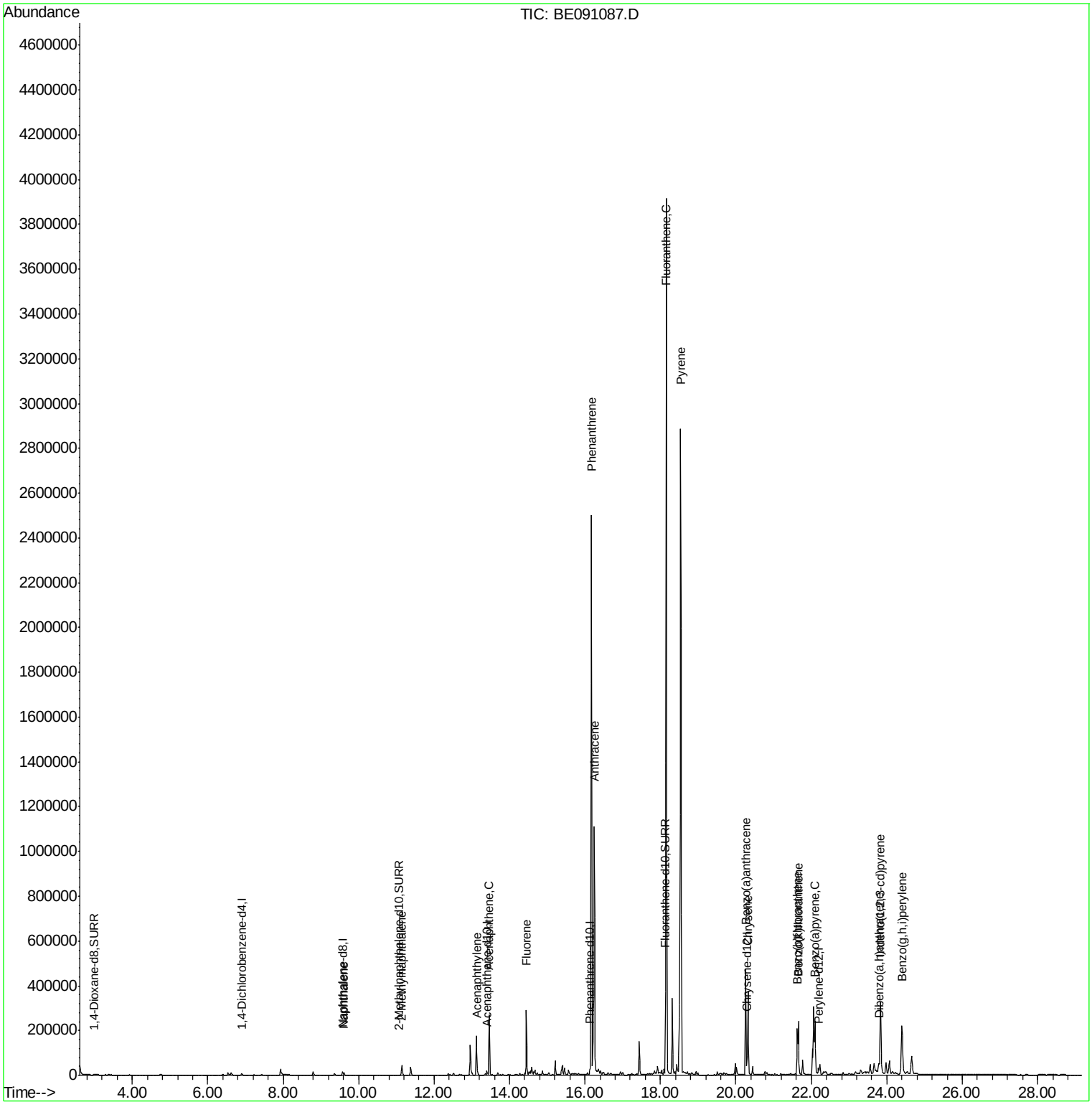
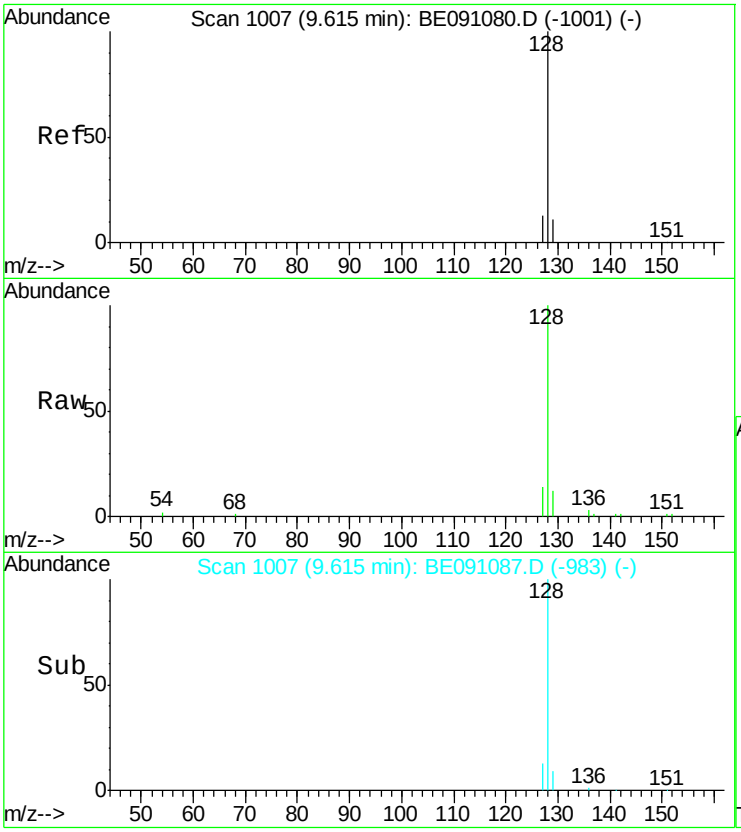
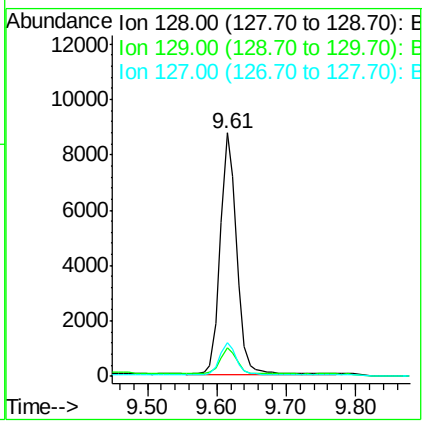




#5
Naphthalene
Concen: 0.33 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:128 Resp: 14261

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.9	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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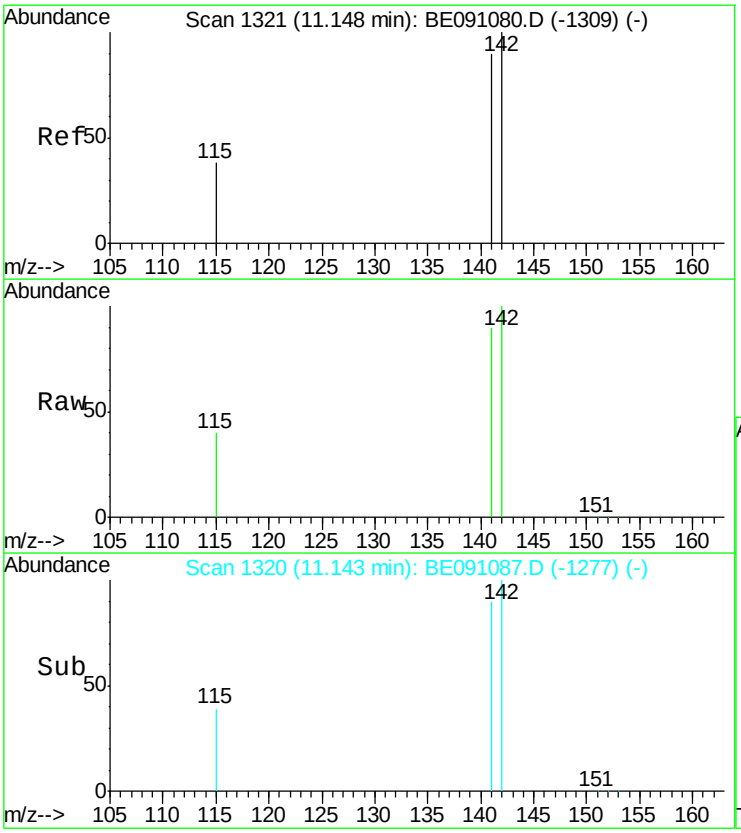
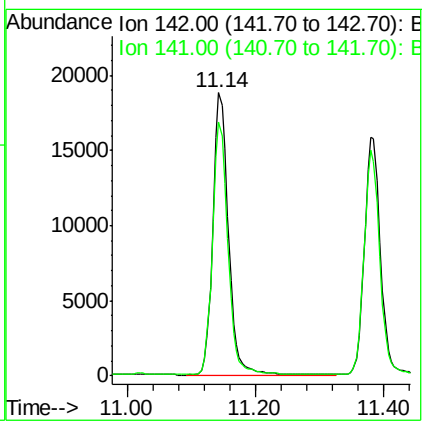
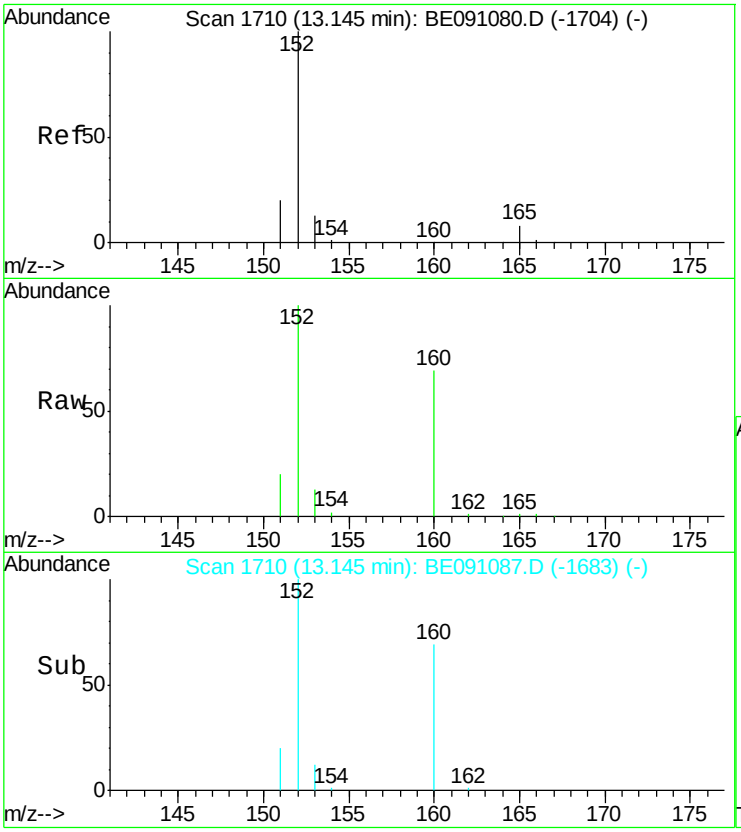


#7
2-Methylnaphthalene
Concen: 1.12 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:142 Resp: 31666

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5

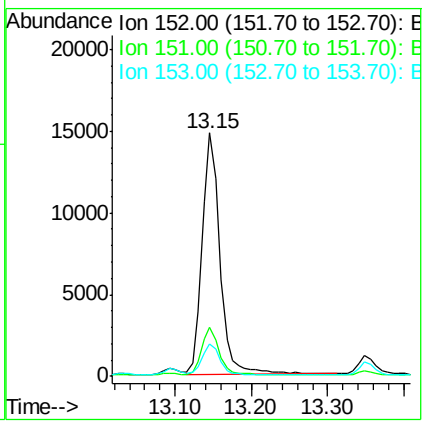




#9
Acenaphthylene
Concen: 0.48 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:152 Resp: 23994

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.3	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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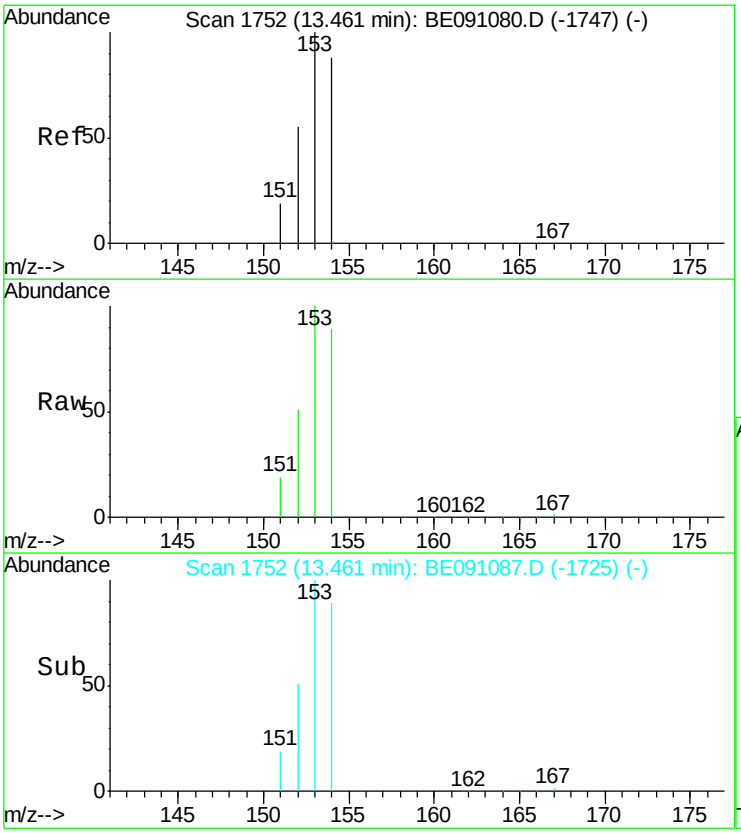
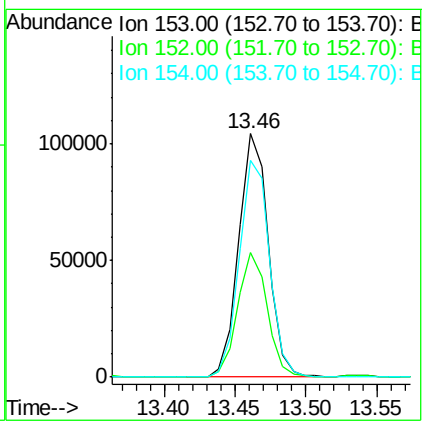
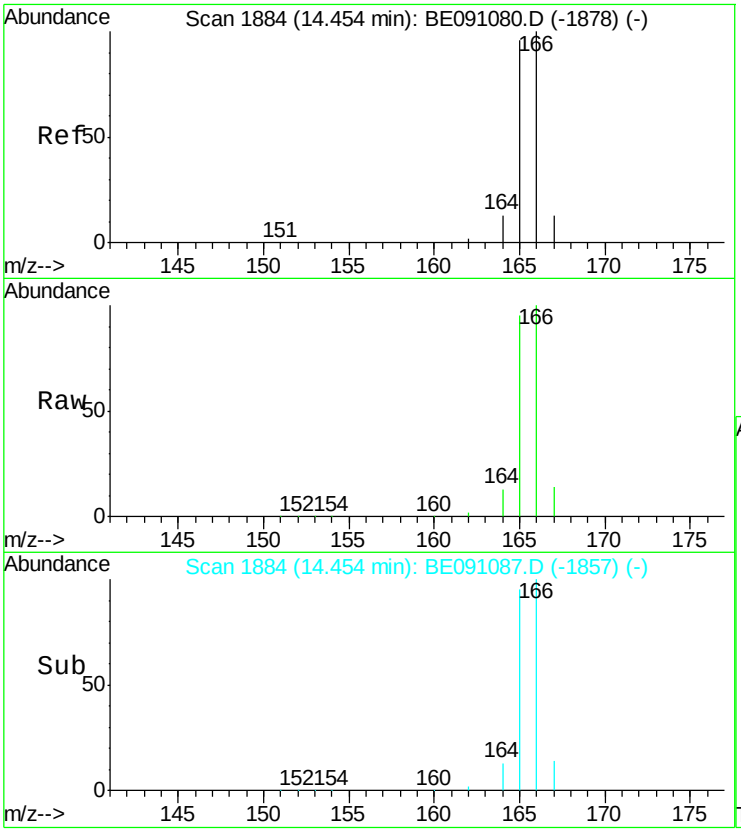


#10
Acenaphthene
Concen: 4.42 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:153 Resp: 151291

Ion	Ratio	Lower	Upper
153	100		
152	51.4	42.3	63.5
154	89.2	64.7	97.1

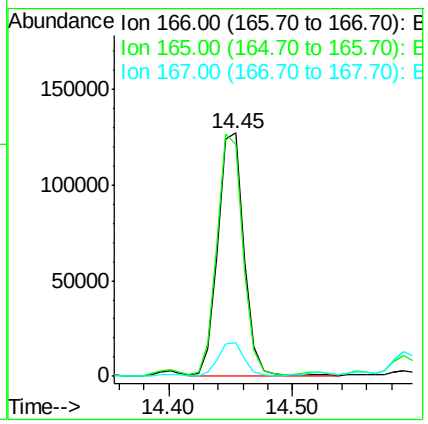




#11
Fluorene
Concen: 4.17 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:166 Resp: 183569

Ion	Ratio	Lower	Upper
166	100		
165	95.2	87.6	131.4
167	13.8	11.1	16.7



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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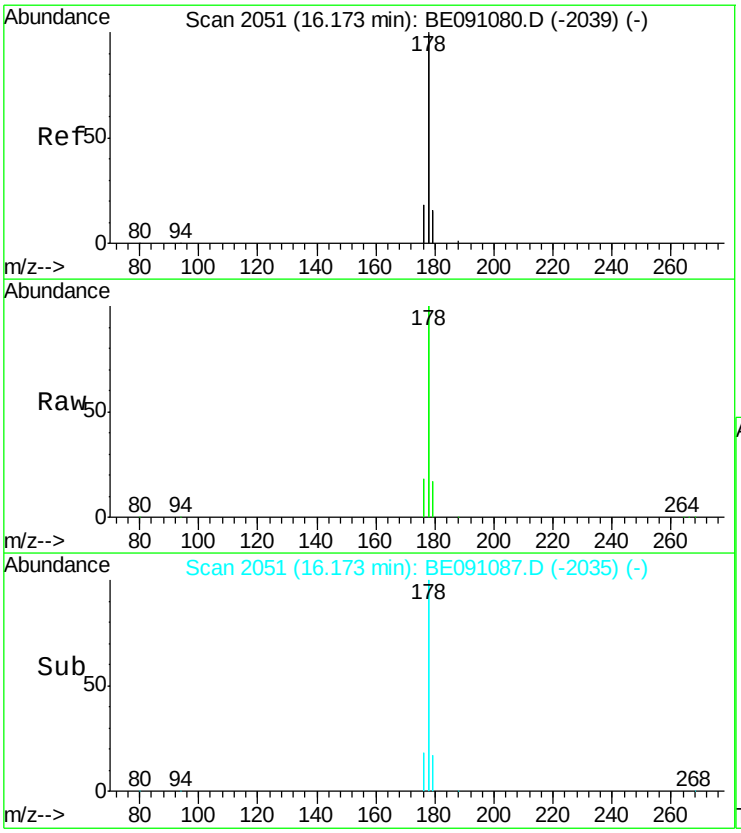
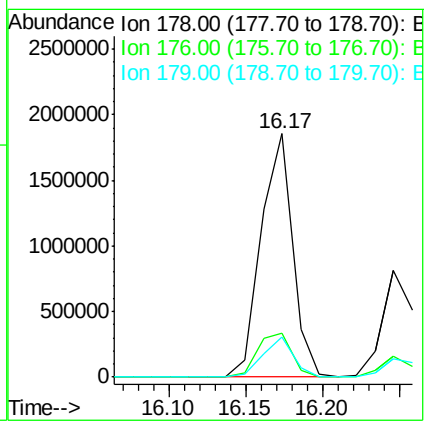
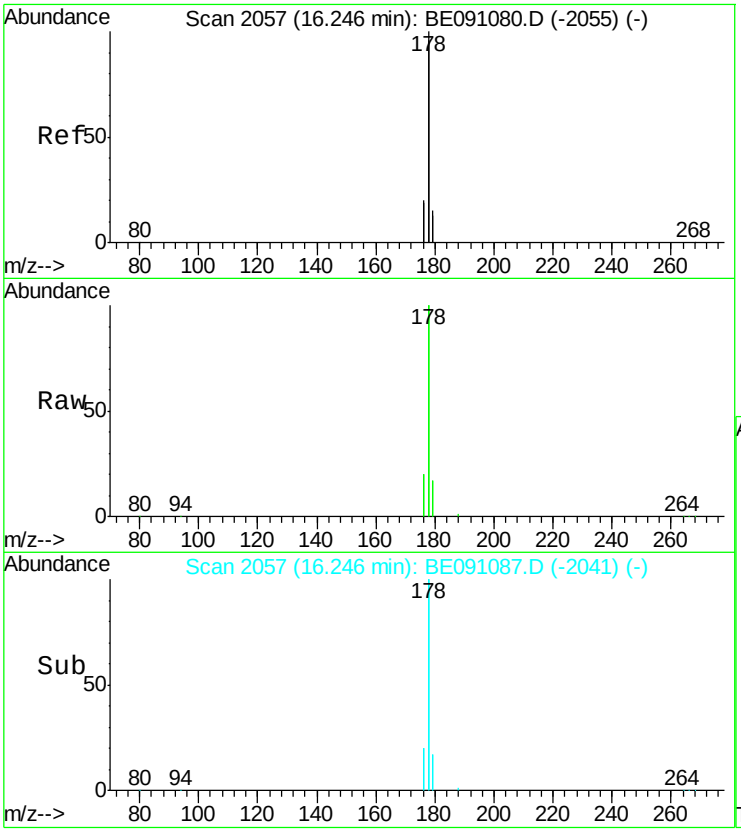


#14
Phenanthrene
Concen: 9.40 ng/ul
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:178 Resp: 2654353

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	16.7	12.8	19.2

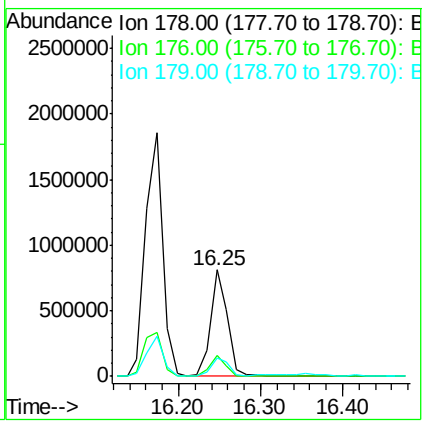




#15
Anthracene
Concen: 4.60 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:178 Resp: 1180898

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.9	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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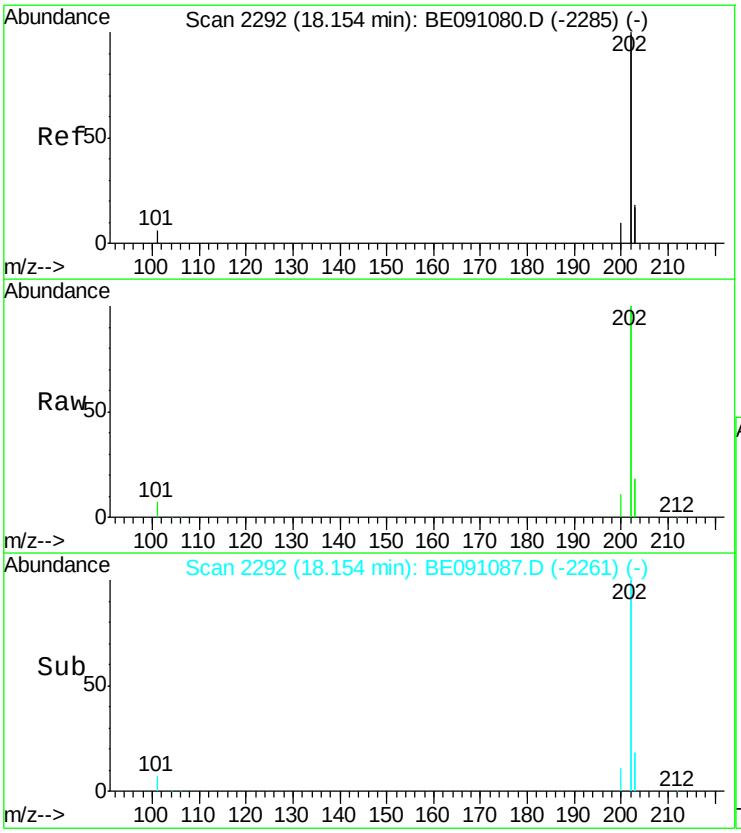
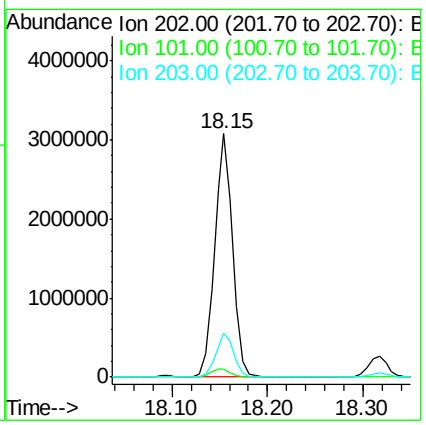
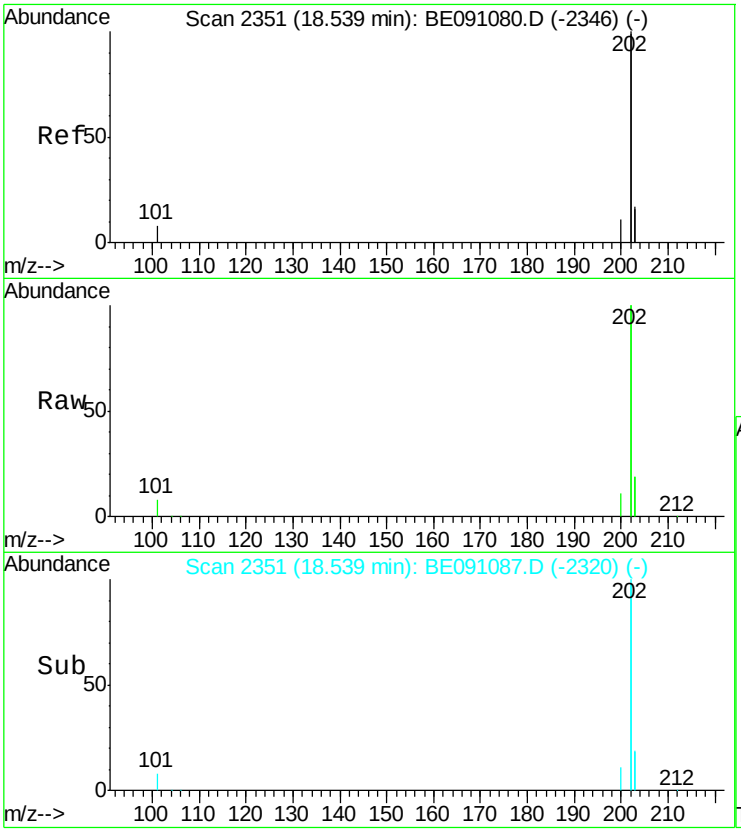


#17
Fluoranthene
Concen: 12.18 ng/ul
RT: 18.15 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:202 Resp: 4024436

Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	18.1	0.0	37.2





#19
Pyrene
Concen: 9.08 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:202 Resp: 2890018

Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	19.3	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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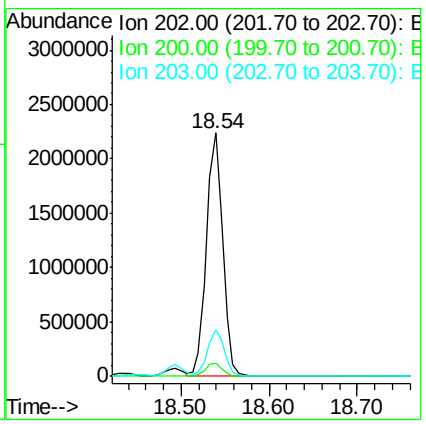
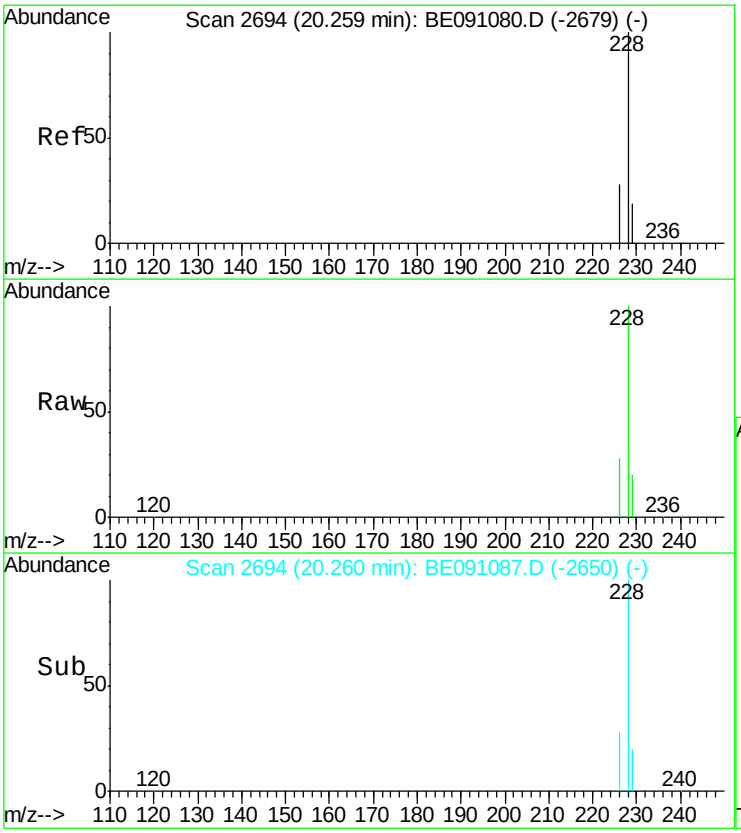
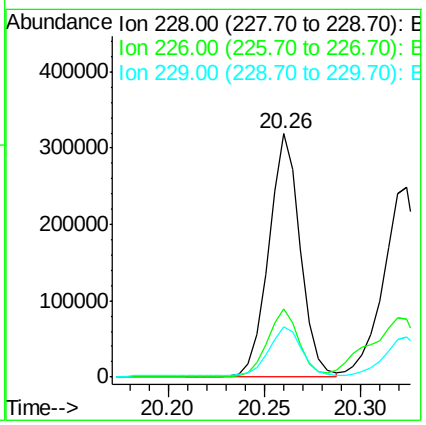


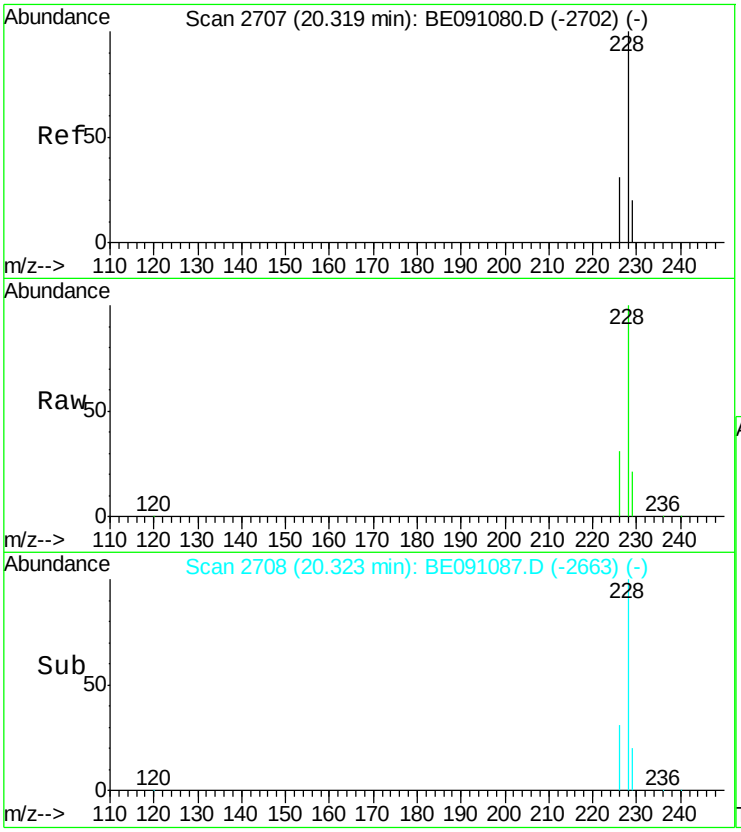


#20
Benzo(a)anthracene
Concen: 5.01 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:228 Resp: 360262

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	20.5	15.2	22.8

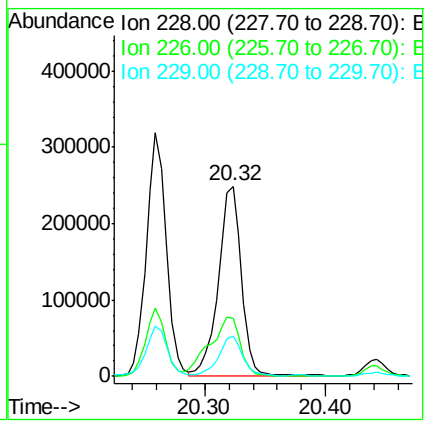




#21
Chrysene
Concen: 3.95 ng/ul
RT: 20.32 min Scan# 2708
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:228 Resp: 327654

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	21.1	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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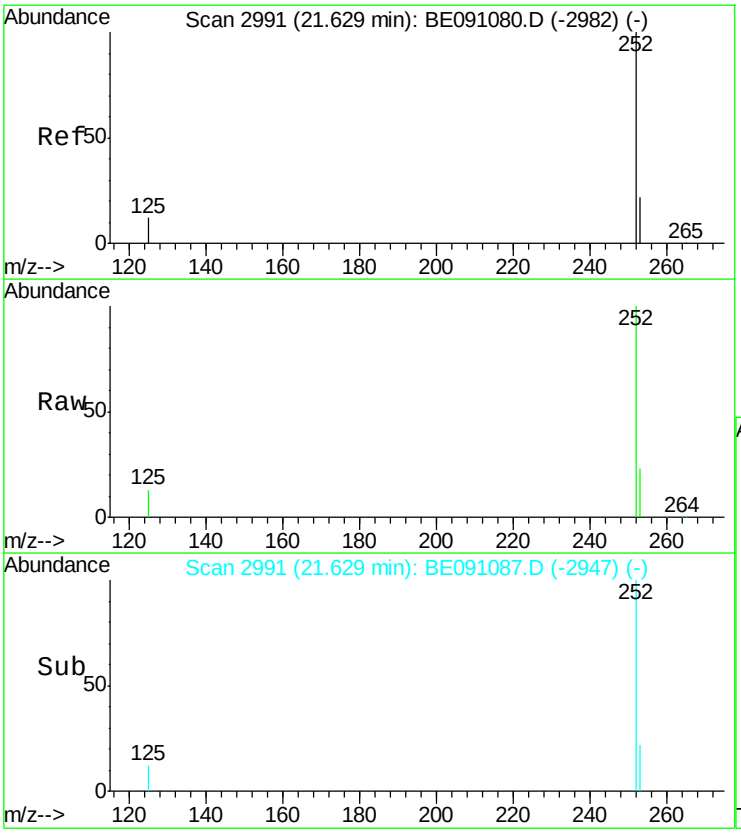
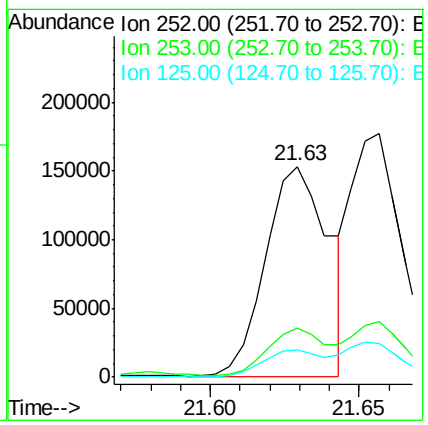
11/9/2015 6:48:09 PM

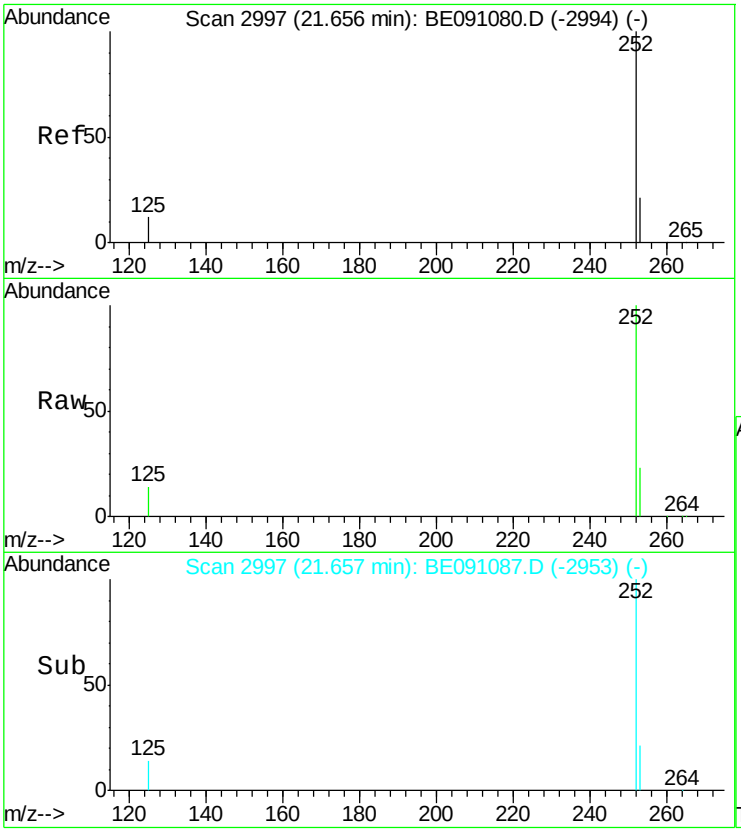


#23
Benzo(b)fluoranthene
Concen: 2.47 ng/ul
RT: 21.63 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:252 Resp: 223699

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.0
125	12.7	0.0	36.6

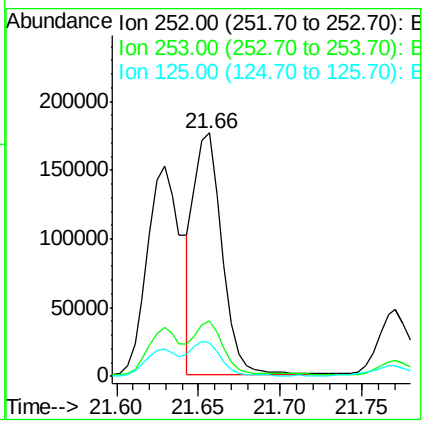




#24
Benzo(k)fluoranthene
Concen: 2.28 ng/ul
RT: 21.66 min Scan# 2997
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:252 Resp: 212139

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.8	31.2
125	14.0	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
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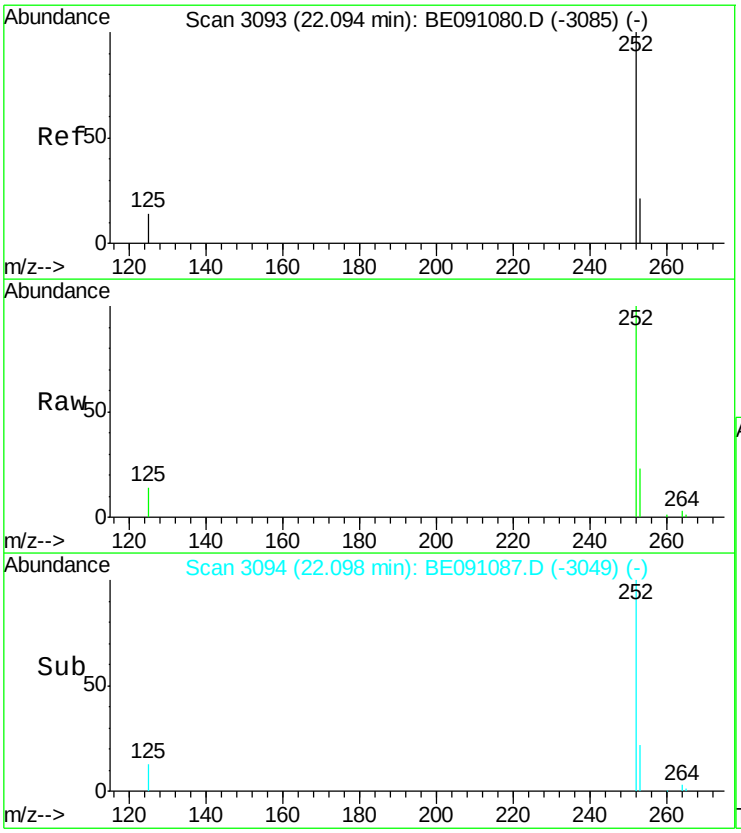
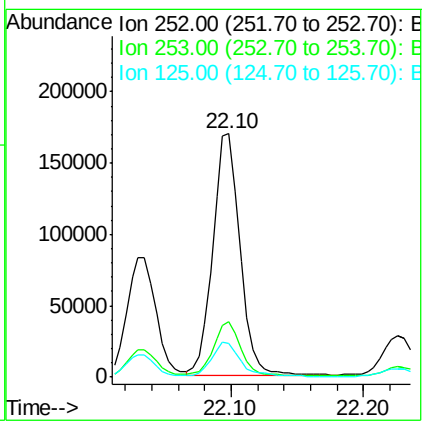
11/9/2015 6:48:09 PM

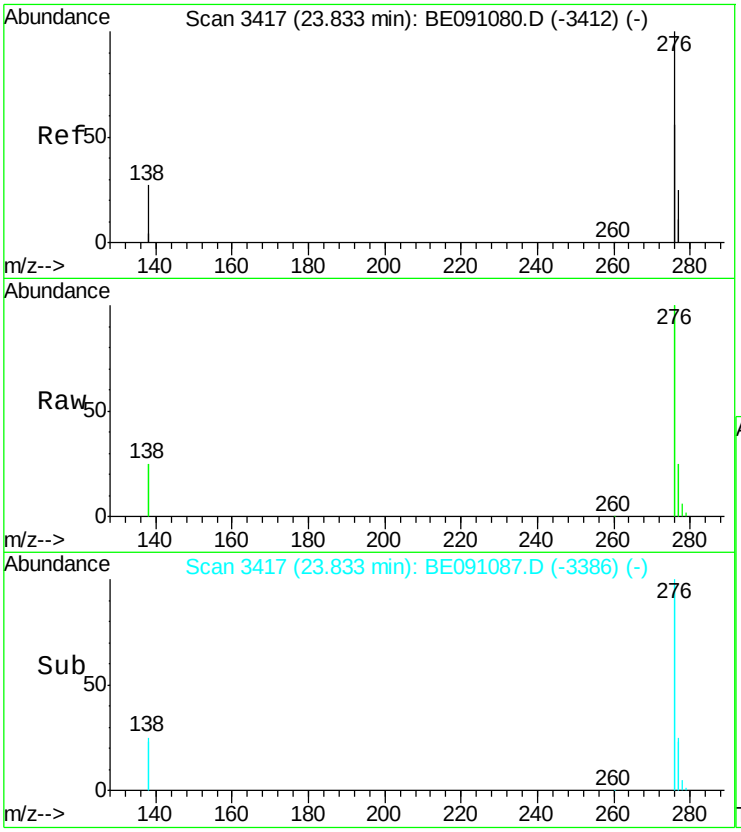


#25
Benzo(a)pyrene
Concen: 2.92 ng/ul m
RT: 22.10 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:252 Resp: 244196

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.8	32.8
125	13.6	14.5	21.7#





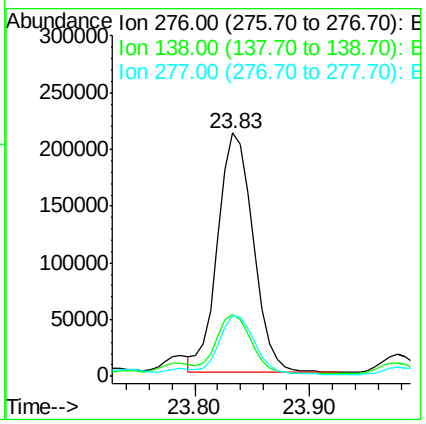
#26
Indeno(1,2,3-cd)pyrene
Concen: 1.29 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

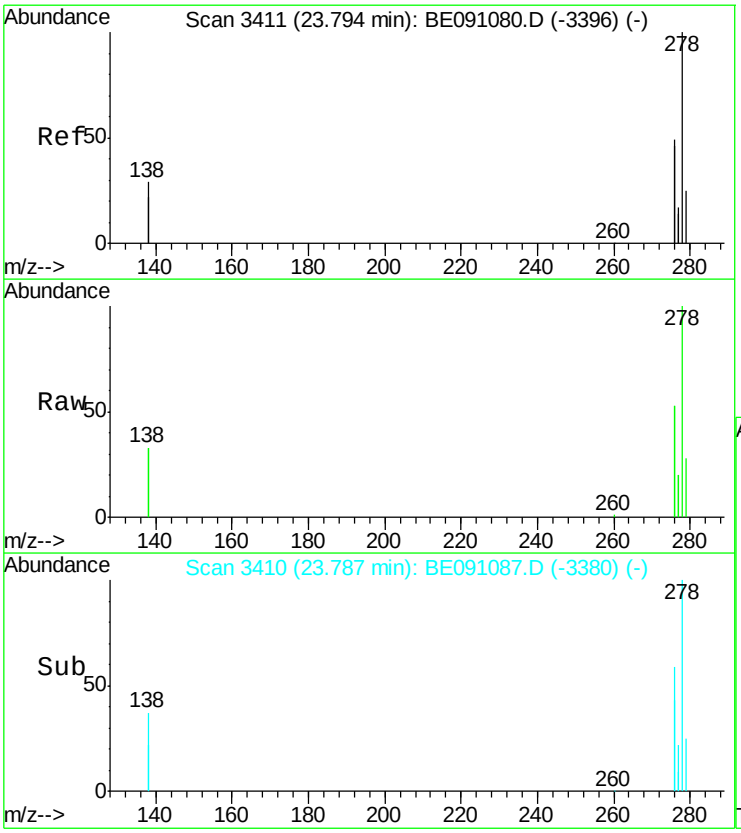
Tgt Ion:276 Resp: 454886

Ion	Ratio	Lower	Upper
276	100		
138	24.3	27.5	41.3#
277	24.0	19.3	28.9

Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:48:09 PM

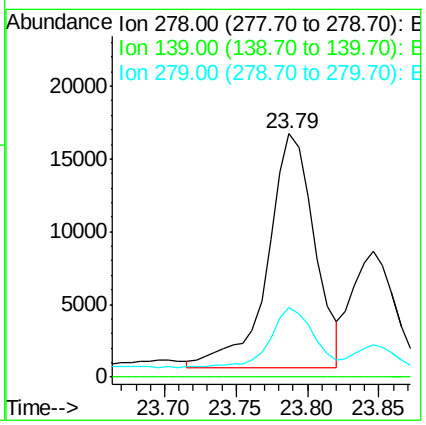


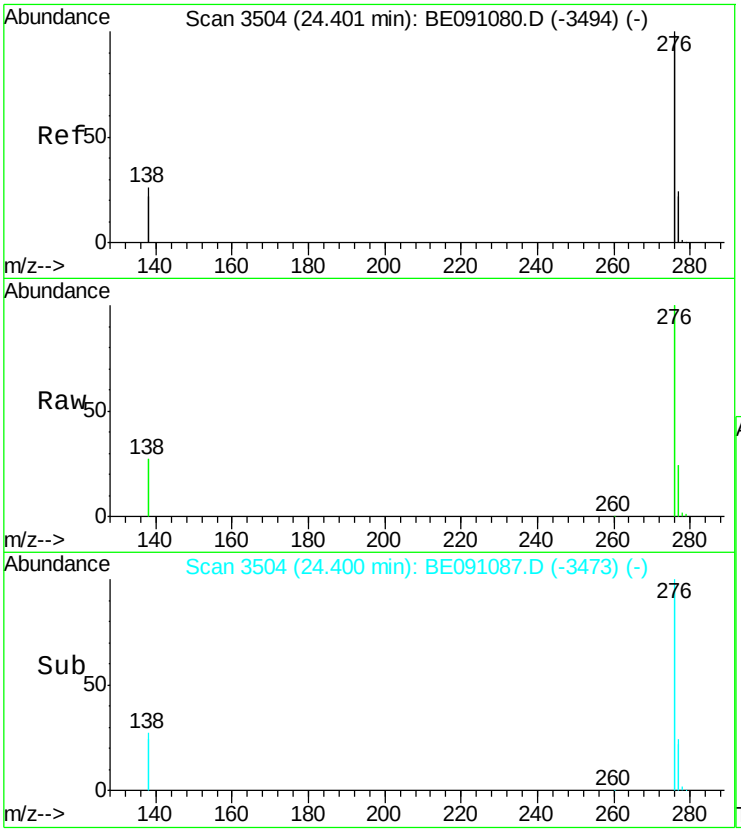


#27
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:278 Resp: 37023

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.4	21.9	32.9

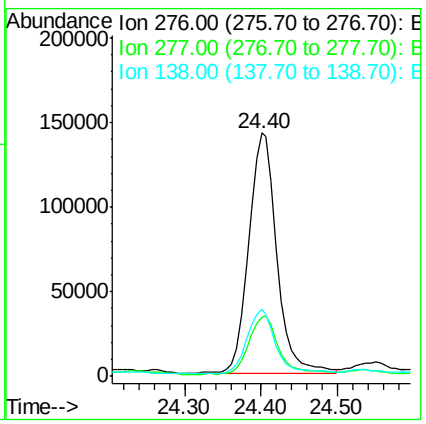




#28
Benzo(g,h,i)perylene
Concen: 0.99 ng/ul
RT: 24.40 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BE091087.D
Acq: 6 Nov 2015 12:58

Tgt Ion:276 Resp: 365954

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.3	31.9
138	27.3	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
C0AP3DL

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:48:09 PM