Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091146.D
Acq On : 12 Nov 2015 15:52
Operator : UM/NP
Sample : G4322-20MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4HT0MS

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:38 PM

Quant Time: Nov 13 17:16:59 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 13 13:56:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3264	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18178	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11360	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.13	188	27453m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	37115	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	42229	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	12469	5.31	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	4214	0.17	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	10532	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	1691	0.04	ng/ul#	83
9) Acenaphthylene	13.14	152	2461m	0.04	ng/ul	
13) Pentachlorophenol	15.88	266	1055	0.40	ng/ul	92
14) Phenanthrene	16.16	178	118257	0.37	ng/ul	98
15) Anthracene	16.25	178	22114m	0.08	ng/ul	
17) Fluoranthene	18.15	202	331954	0.89	ng/ul	89
19) Pyrene	18.53	202	307874	0.73	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	32483m	0.34	ng/ul	
21) Chrysene	20.32	228	46033	0.42	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	41909	0.32	ng/ul	98
24) Benzo(k)fluoranthene	21.65	252	35672m	0.26	ng/ul	
25) Benzo(a)pyrene	22.09	252	37627	0.31	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	23.83	276	111069m	0.22	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	6108	0.05	ng/ul#	69
28) Benzo(g,h,i)perylene	24.39	276	100714	0.19	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091146.D
Acq On : 12 Nov 2015 15:52
Operator : UM/NP
Sample : G4322-20MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 13 17:16:59 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 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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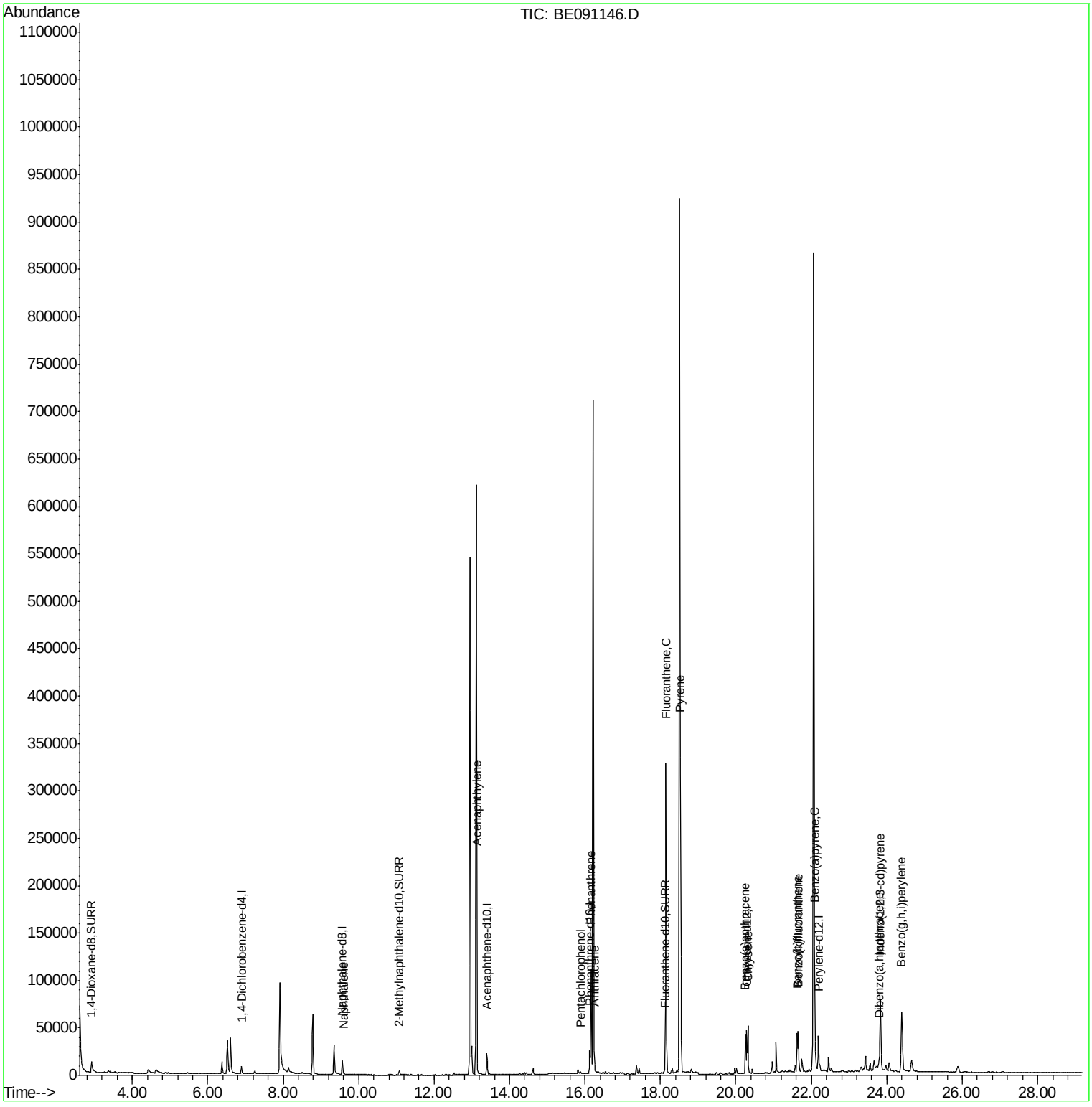
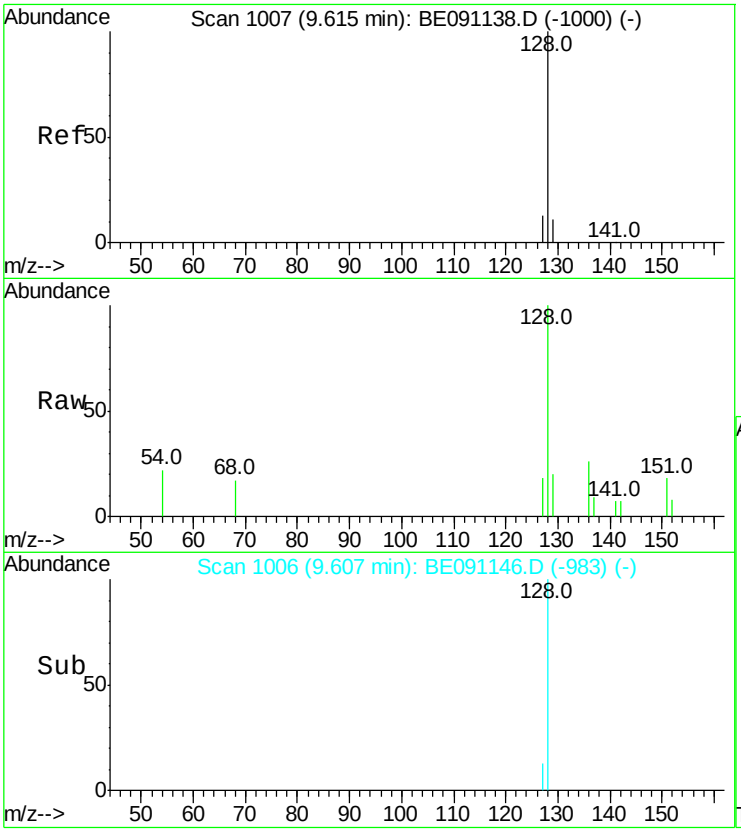
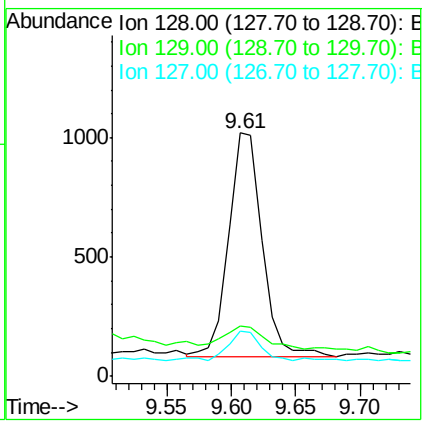




#5
Naphthalene
Concen: 0.04 ng/ul
RT: 9.61 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:128 Resp: 1691

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.8	14.8#
127	18.4	10.7	16.1#



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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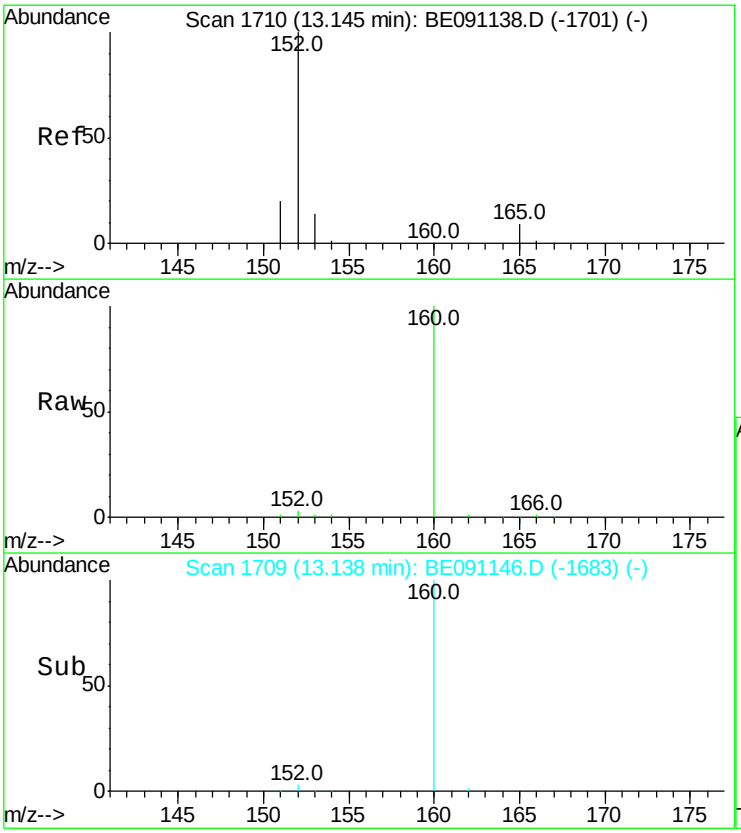
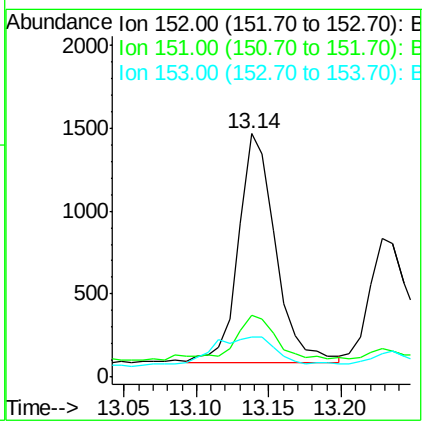
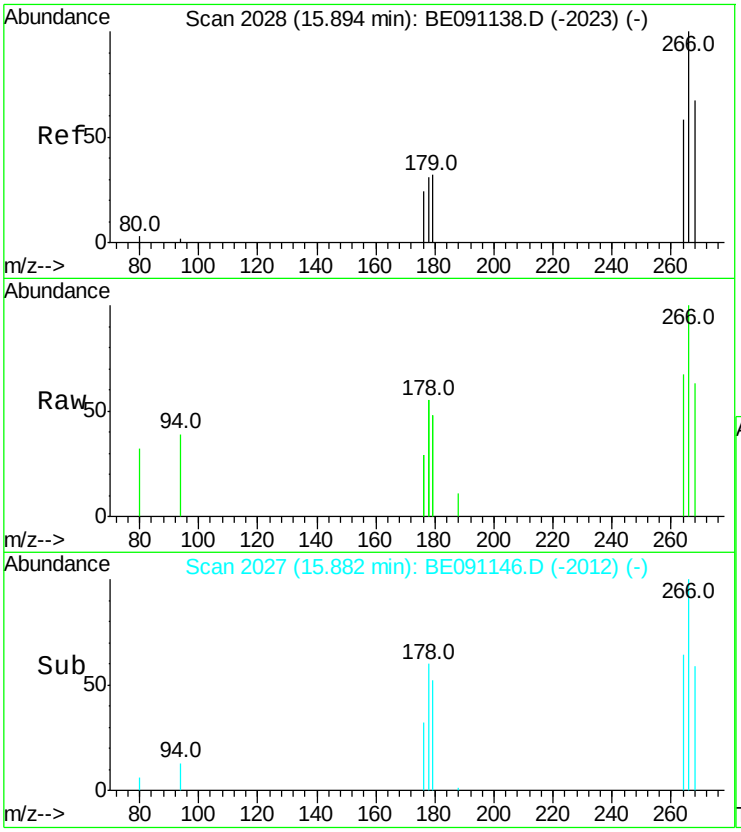


#9
Acenaphthylene
Concen: 0.04 ng/ul m
RT: 13.14 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:152 Resp: 2461

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.8	25.2#
153	16.6	11.3	16.9

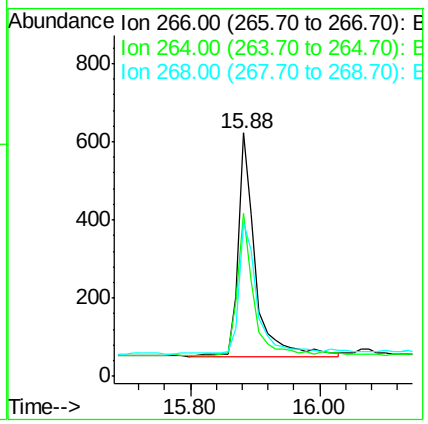




#13
Pentachlorophenol
Concen: 0.40 ng/ul
RT: 15.88 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:266 Resp: 1055

Ion	Ratio	Lower	Upper
266	100		
264	61.4	53.5	80.3
268	60.8	54.2	81.2



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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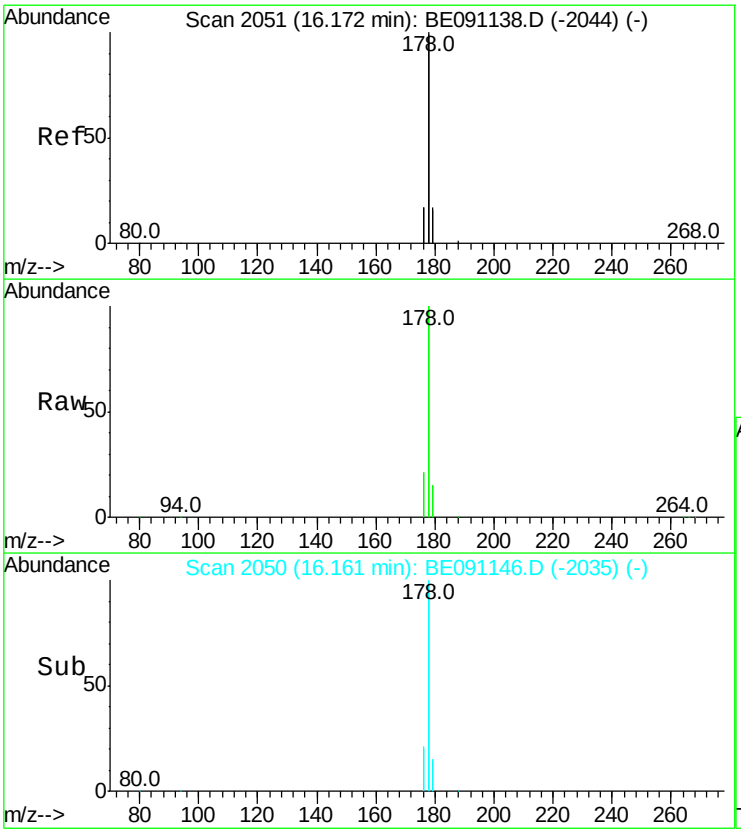
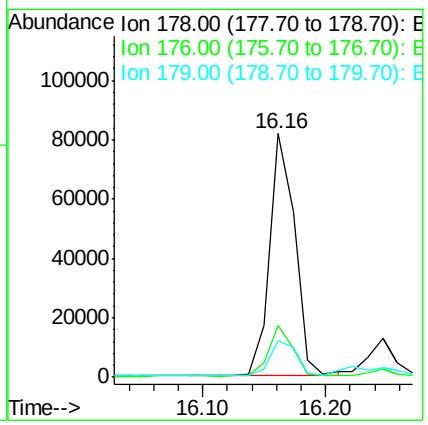
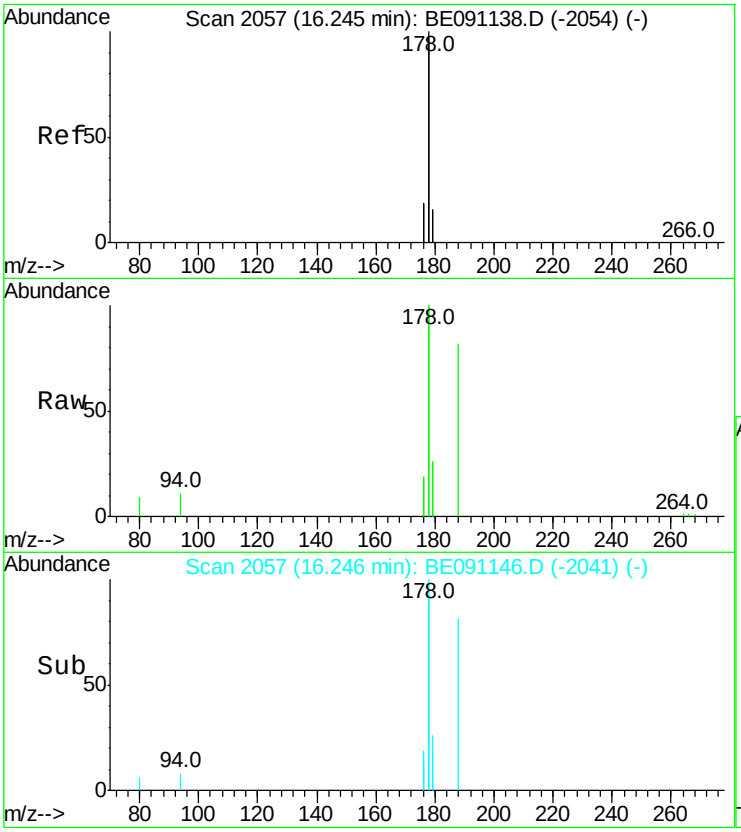


#14
Phenanthrene
Concen: 0.37 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:178 Resp: 118257

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	15.1	12.8	19.2

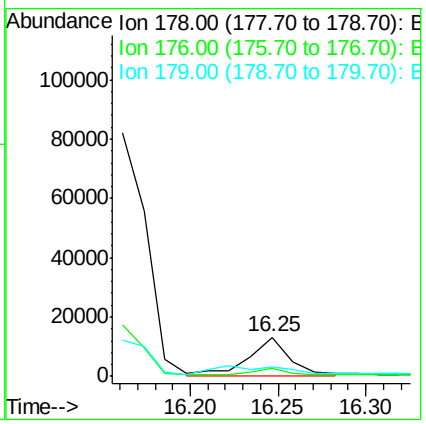




#15
Anthracene
Concen: 0.08 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:178 Resp: 22114

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	25.5	13.3	19.9#



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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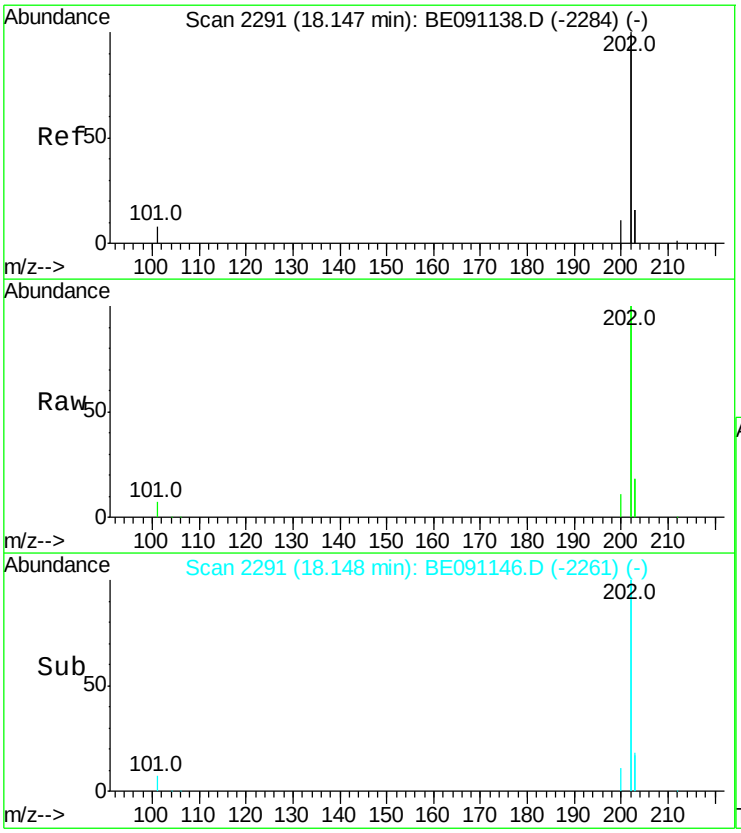
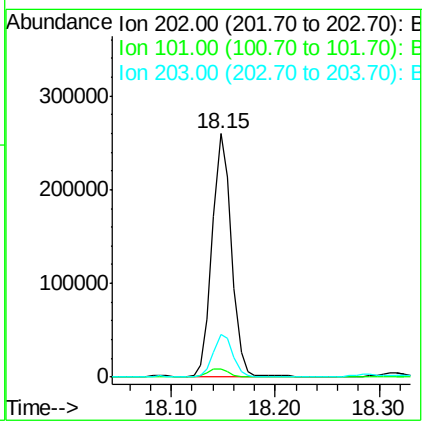
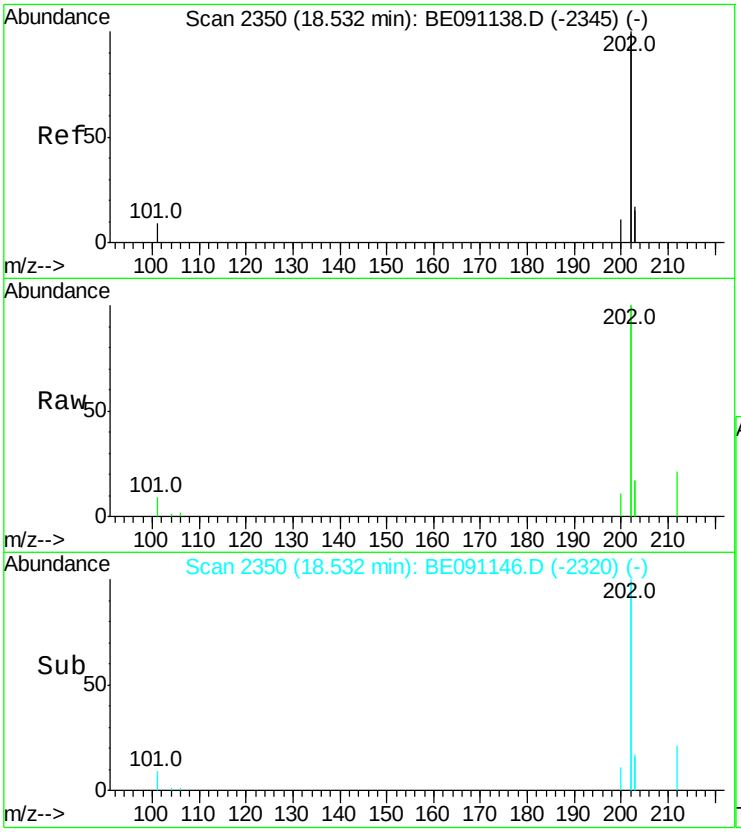


#17
Fluoranthene
Concen: 0.89 ng/ul
RT: 18.15 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:202 Resp: 331954

Ion	Ratio	Lower	Upper
202	100		
101	3.5	0.0	33.1
203	17.7	0.0	37.2





#19
Pyrene
Concen: 0.73 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:202 Resp: 307874

Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	17.3	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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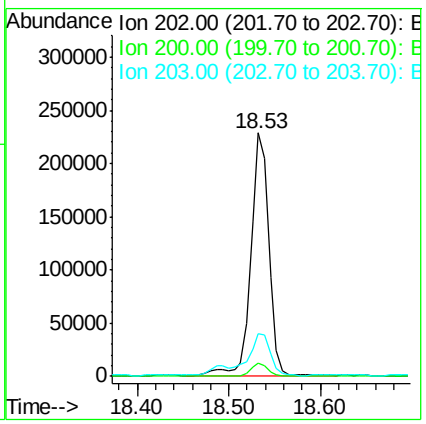
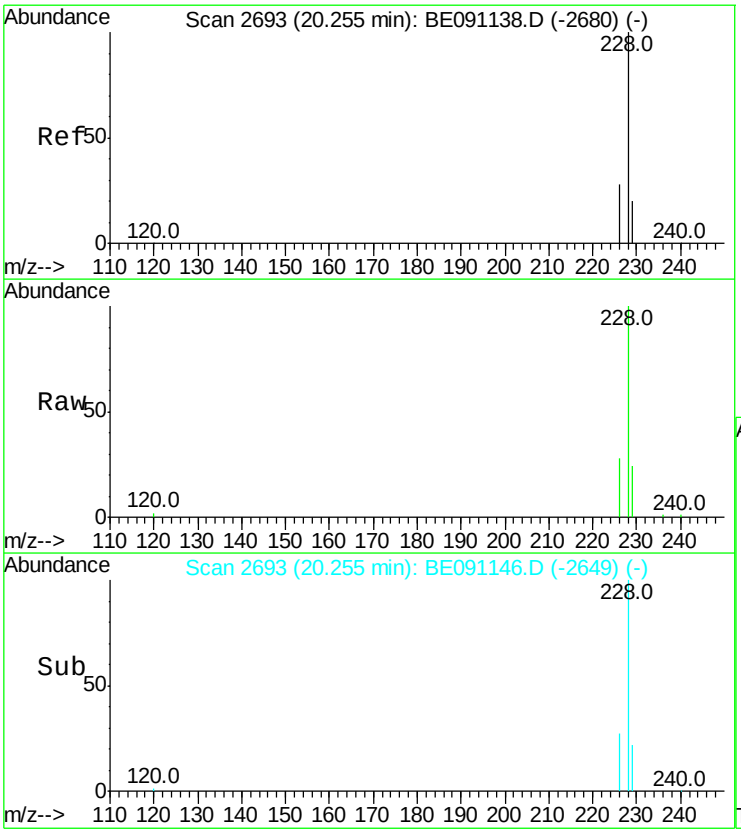
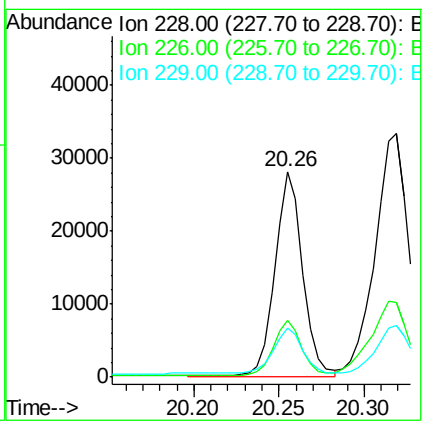


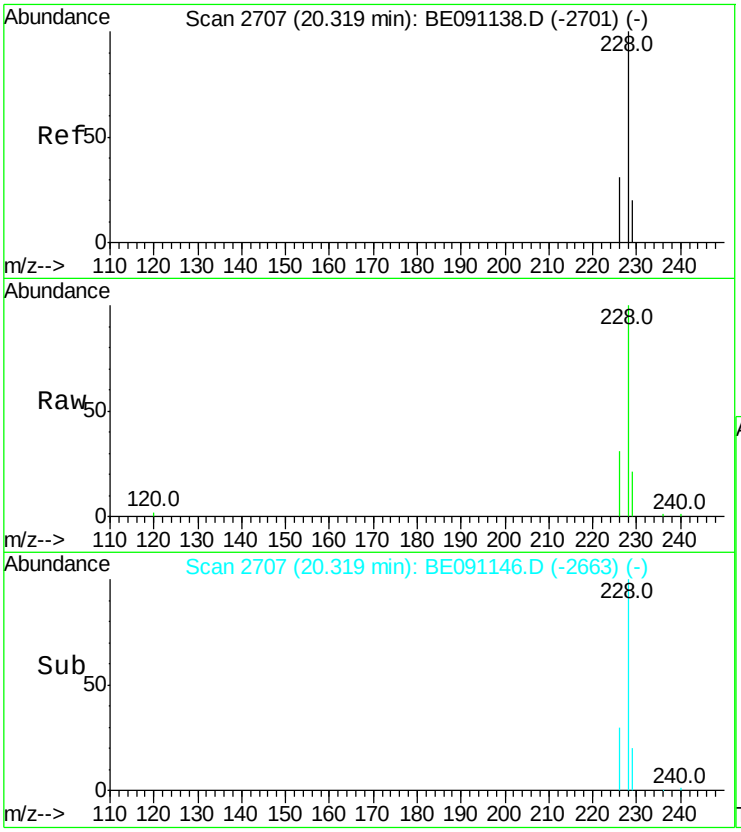


#20
Benzo(a)anthracene
Concen: 0.34 ng/ul m
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:228 Resp: 32483

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	23.8	15.2	22.8#

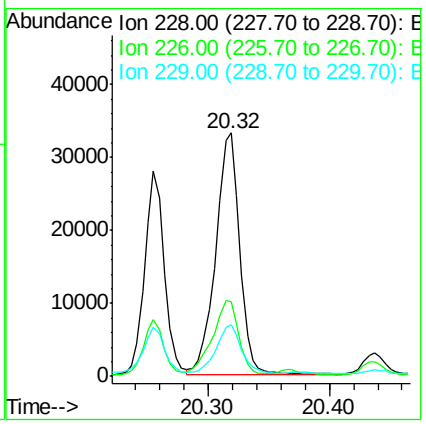




#21
Chrysene
Concen: 0.42 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:228 Resp: 46033

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	21.3	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

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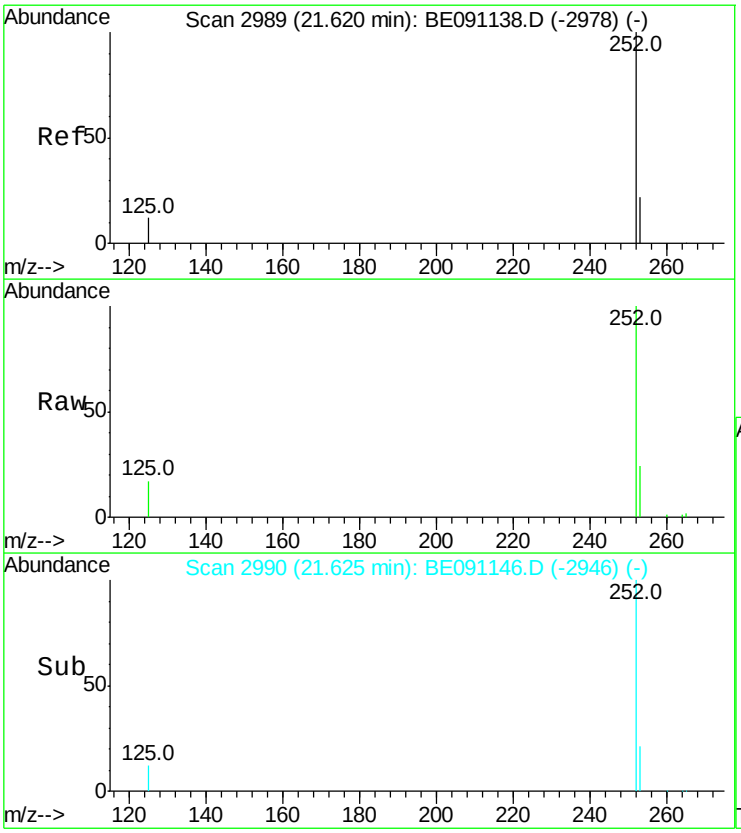
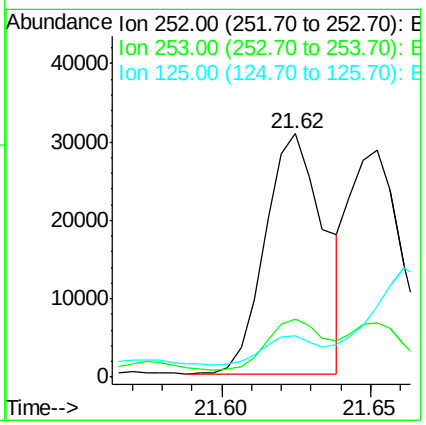
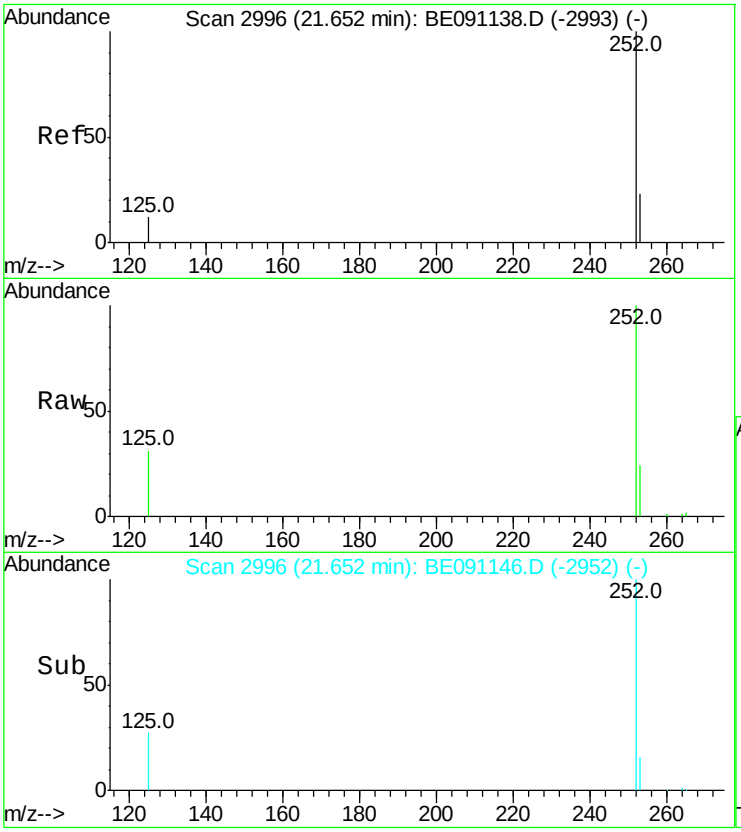


#23
Benzo(b)fluoranthene
Concen: 0.32 ng/ul
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:252 Resp: 41909

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	48.0
125	16.8	0.0	36.6

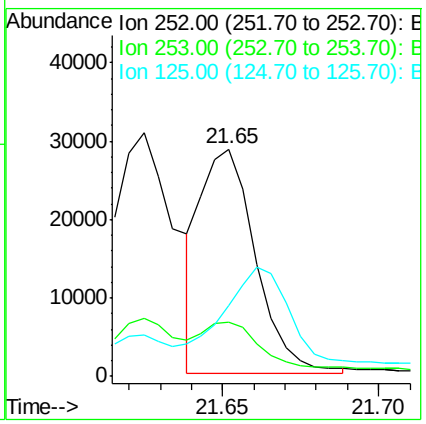




#24
Benzo(k)fluoranthene
Concen: 0.26 ng/ul m
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:252 Resp: 35672

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.8	31.2
125	31.2	12.2	18.4#



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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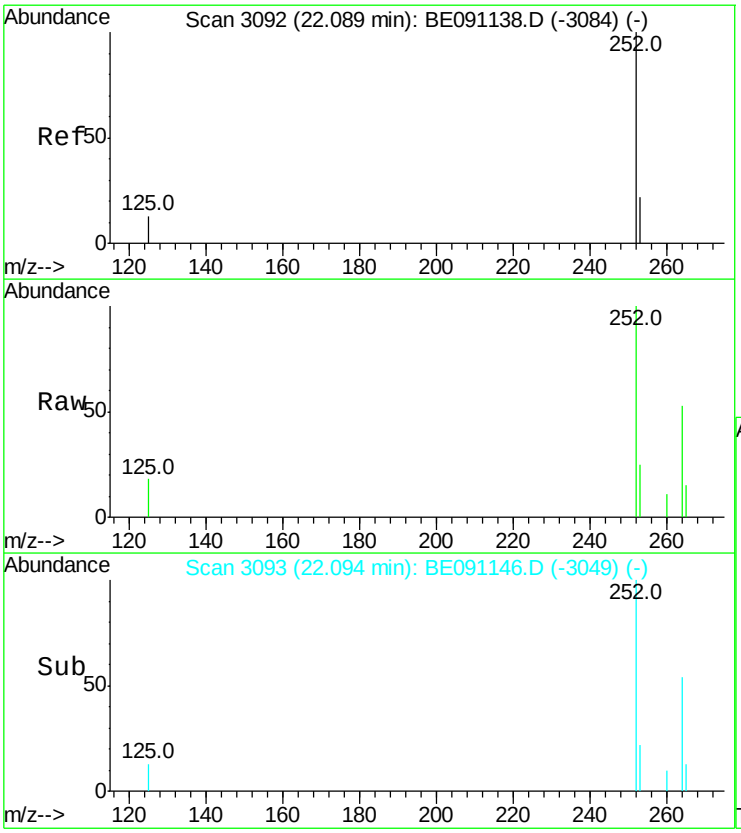
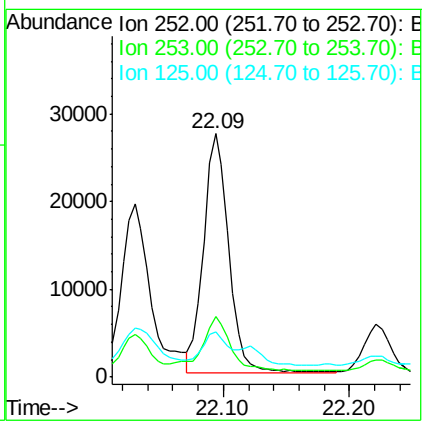
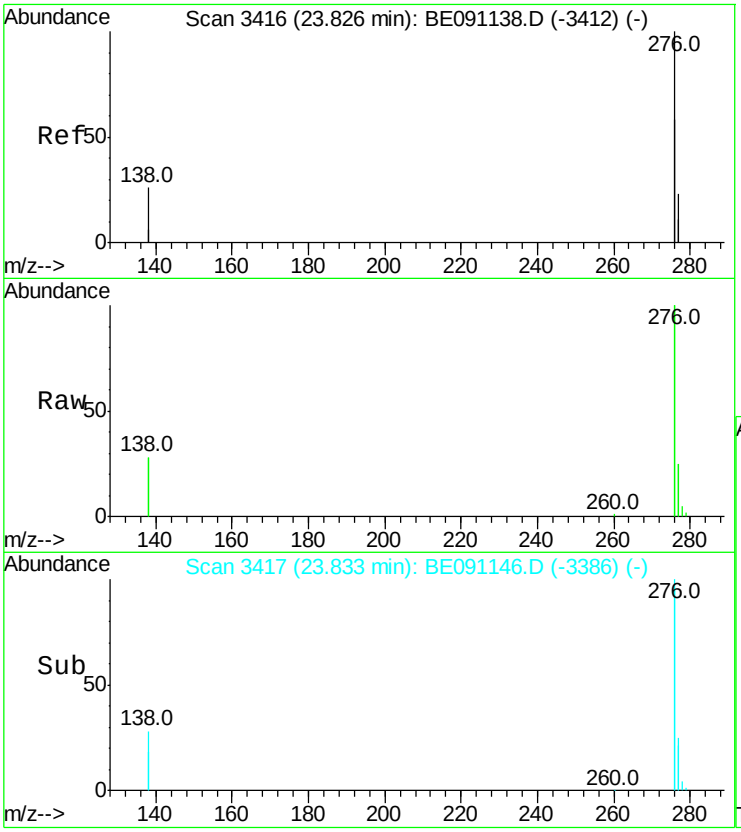


#25
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 22.09 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:252 Resp: 37627

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.8	32.8
125	18.3	14.5	21.7





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:276 Resp: 111069

Ion	Ratio	Lower	Upper
276	100		
138	27.1	27.5	41.3#
277	24.5	19.3	28.9

Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
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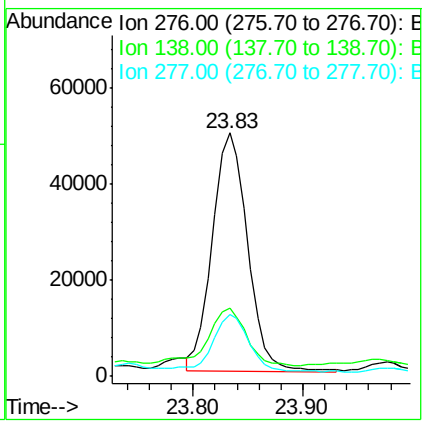
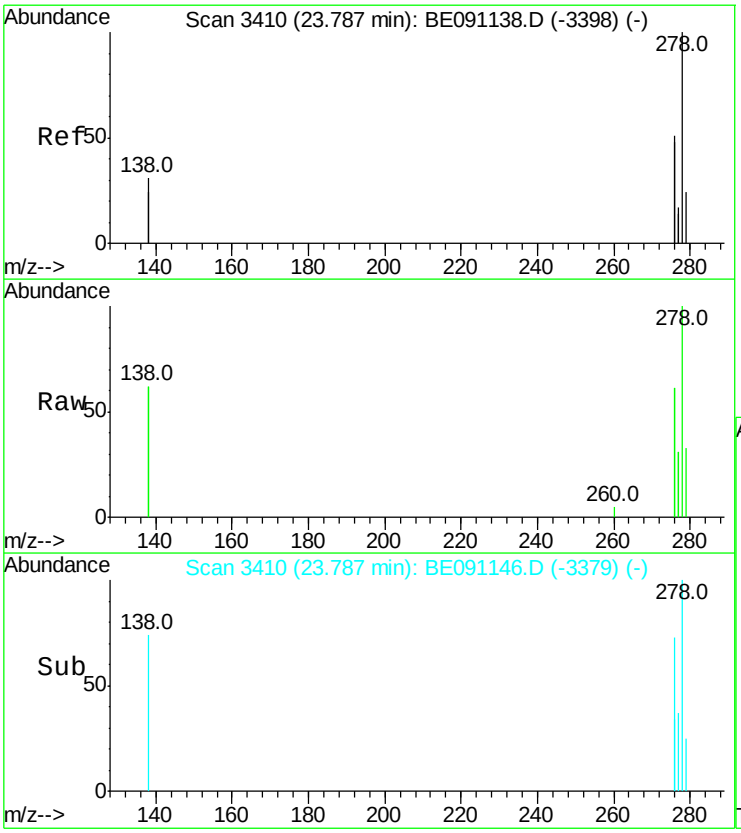
11/16/2015 12:42:38 PM

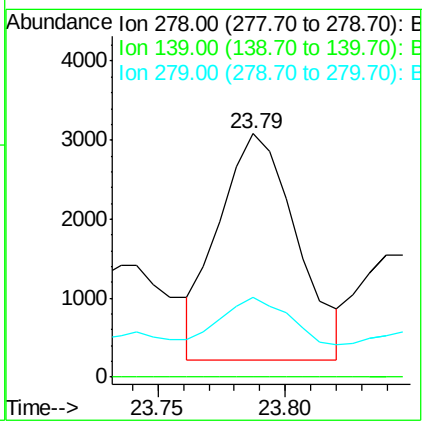


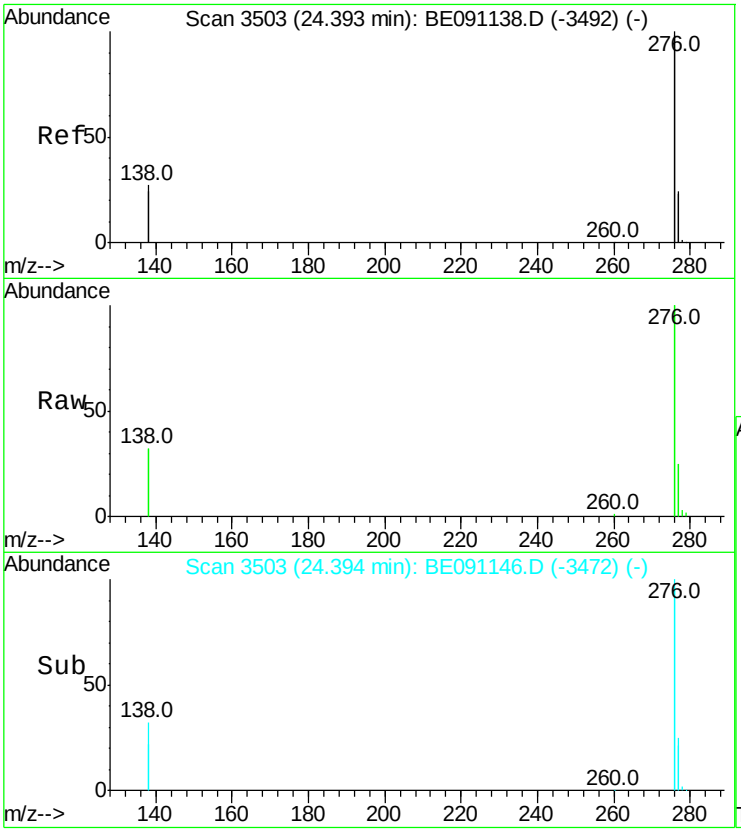


#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:278 Resp: 6108

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	33.0	21.9	32.9#

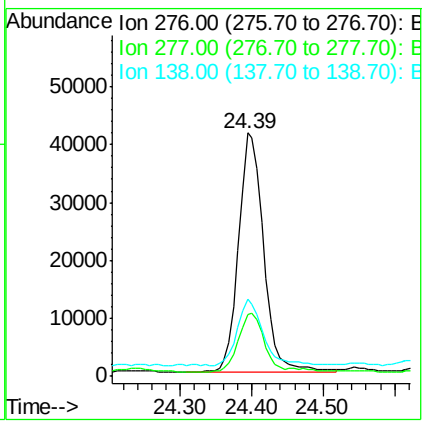




#28
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 24.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BE091146.D
Acq: 12 Nov 2015 15:52

Tgt Ion:276 Resp: 100714

Ion	Ratio	Lower	Upper
276	100		
277	25.5	21.3	31.9
138	31.7	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
A4HT0MS

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:38 PM