Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091144.D
Acq On : 12 Nov 2015 14:37
Operator : UM/NP
Sample : G4322-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4HS9

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:36 PM

Quant Time: Nov 13 17:09:58 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	3522	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19470	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11788	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	28893m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	38540	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	42234	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	8573	3.38	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3040	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	8104	0.10	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthylene	13.14	152	2872	0.05	ng/ul	97
11) Fluorene	14.45	166	1554	0.03	ng/ul#	89
14) Phenanthrene	16.16	178	144497	0.43	ng/ul	98
15) Anthracene	16.25	178	31424m	0.10	ng/ul	
17) Fluoranthene	18.15	202	296925	0.76	ng/ul	90
19) Pyrene	18.53	202	257981	0.59	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	29616	0.30	ng/ul	97
21) Chrysene	20.31	228	37590	0.33	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	30413	0.23	ng/ul	95
24) Benzo(k)fluoranthene	21.65	252	28332	0.21	ng/ul	95
25) Benzo(a)pyrene	22.09	252	30967	0.25	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.83	276	84655m	0.17	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	5418	0.04	ng/ul#	70
28) Benzo(g,h,i)perylene	24.39	276	73246	0.14	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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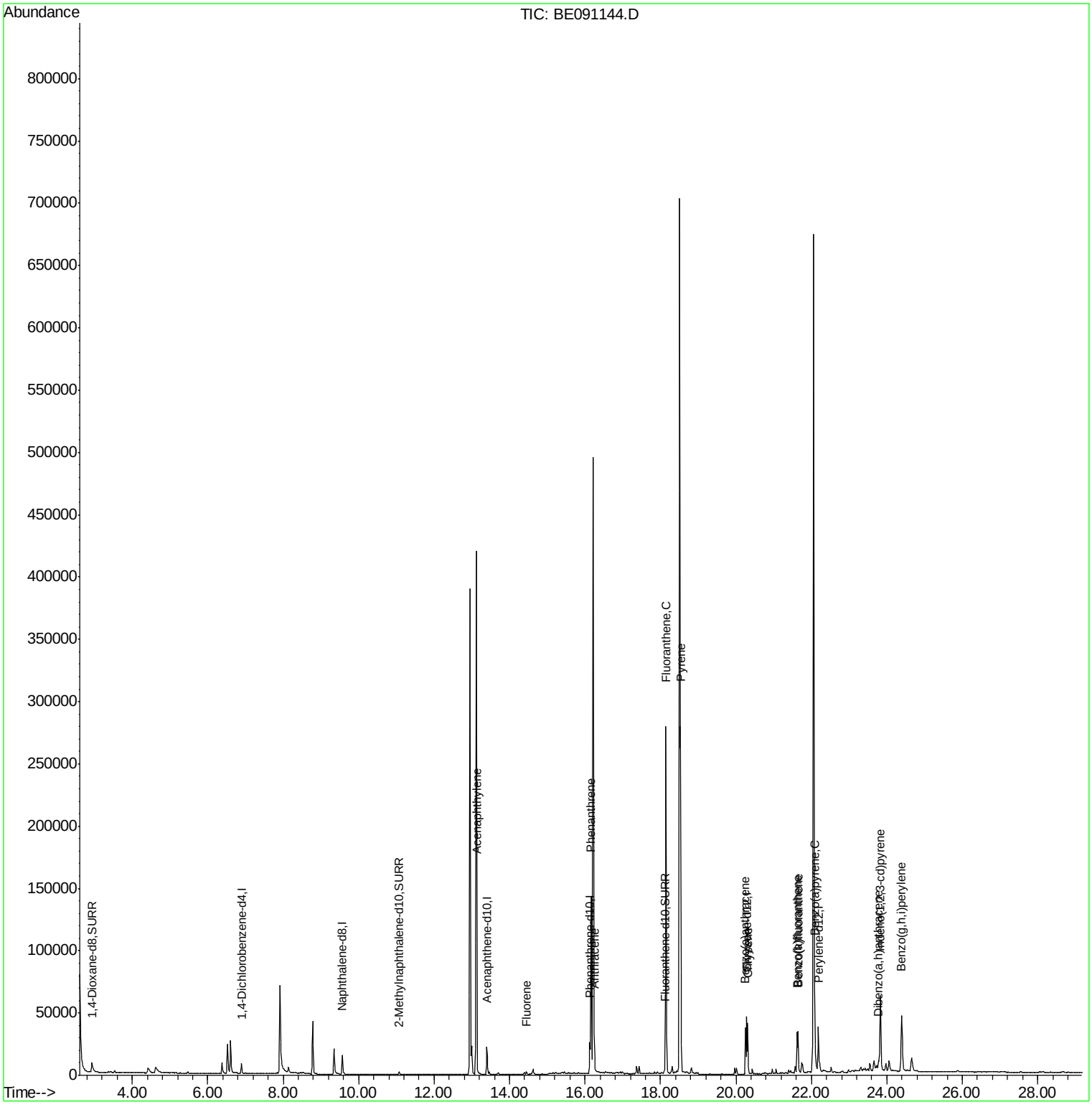
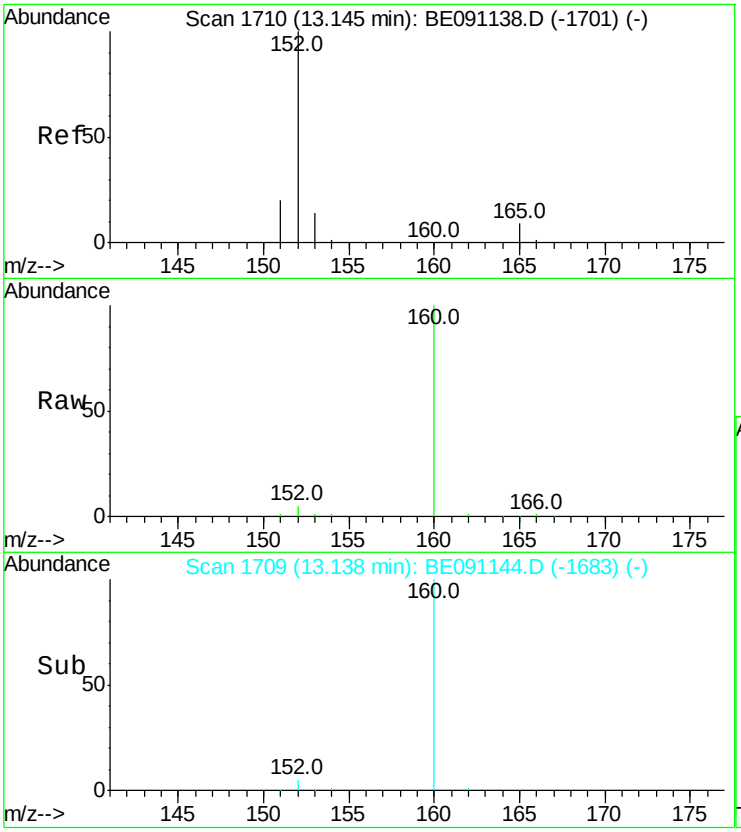
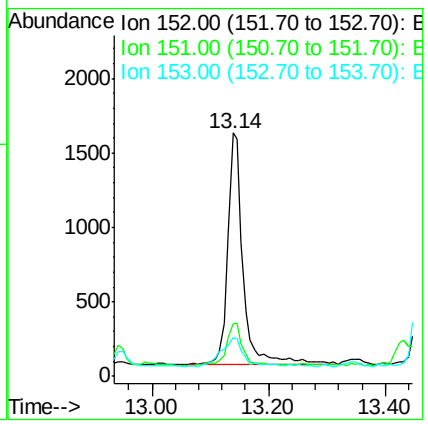




#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.14 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:152 Resp: 2872

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	16.1	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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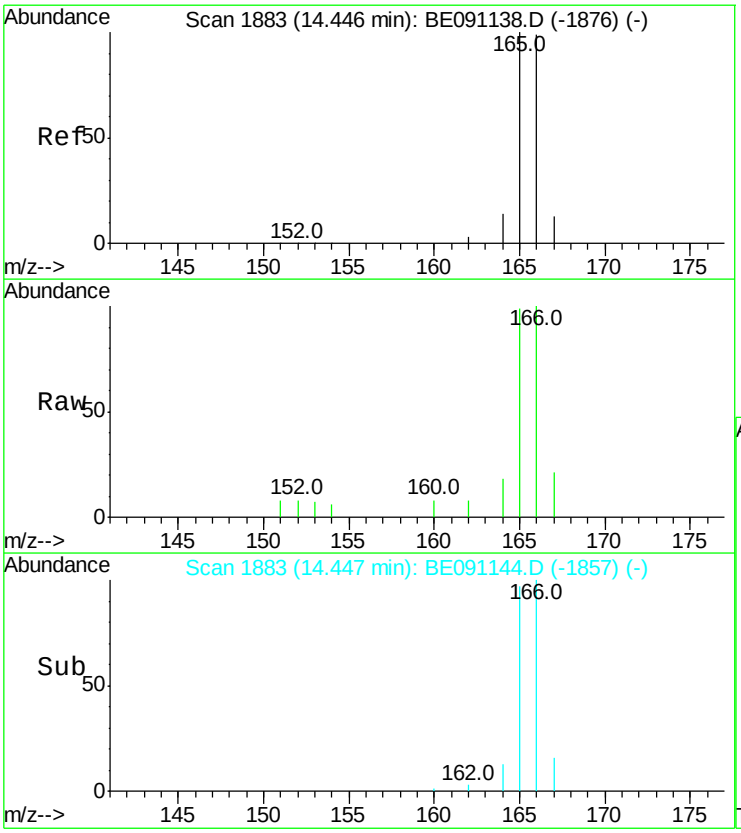
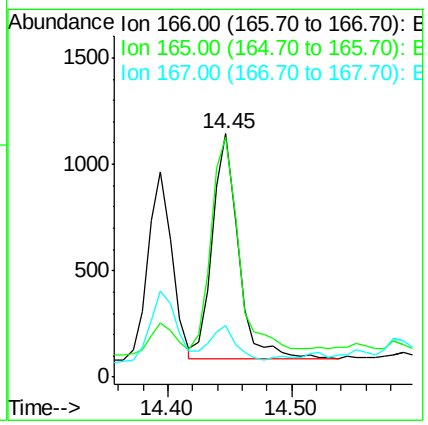
11/16/2015 12:42:36 PM

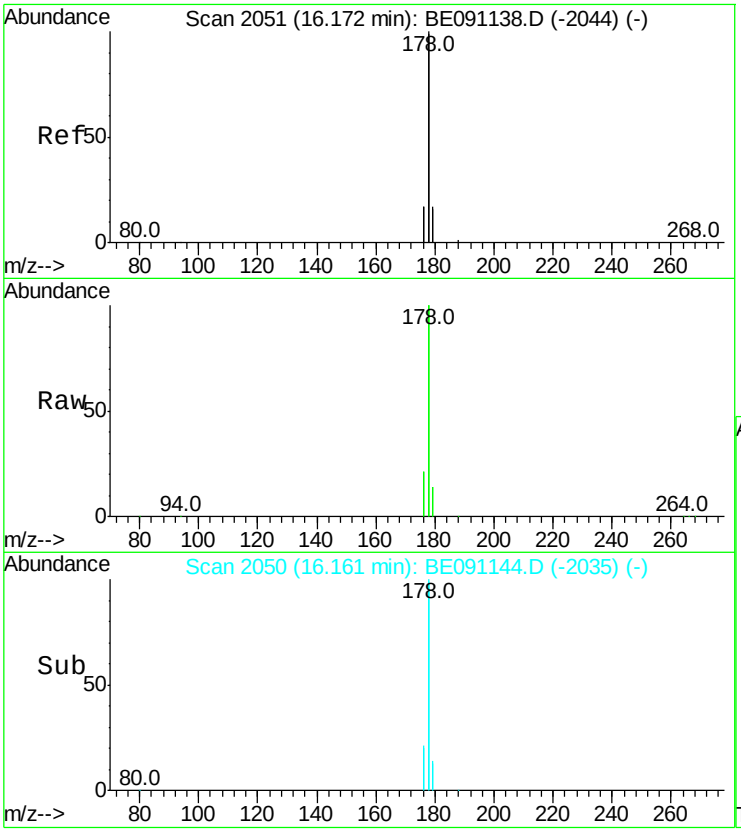


#11
Fluorene
Concen: 0.03 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:166 Resp: 1554

Ion	Ratio	Lower	Upper
166	100		
165	98.6	87.6	131.4
167	21.4	11.1	16.7#

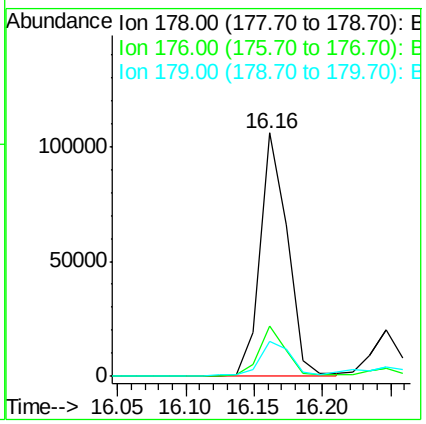




#14
Phenanthrene
Concen: 0.43 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:178 Resp: 144497

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	14.3	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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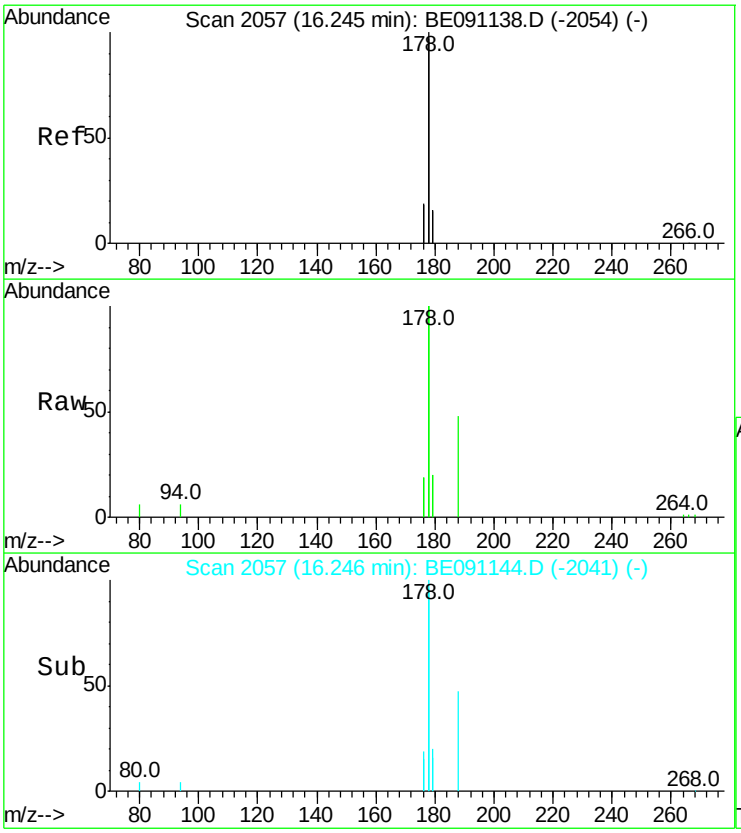
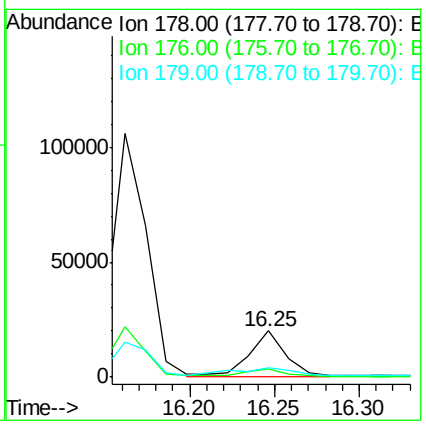
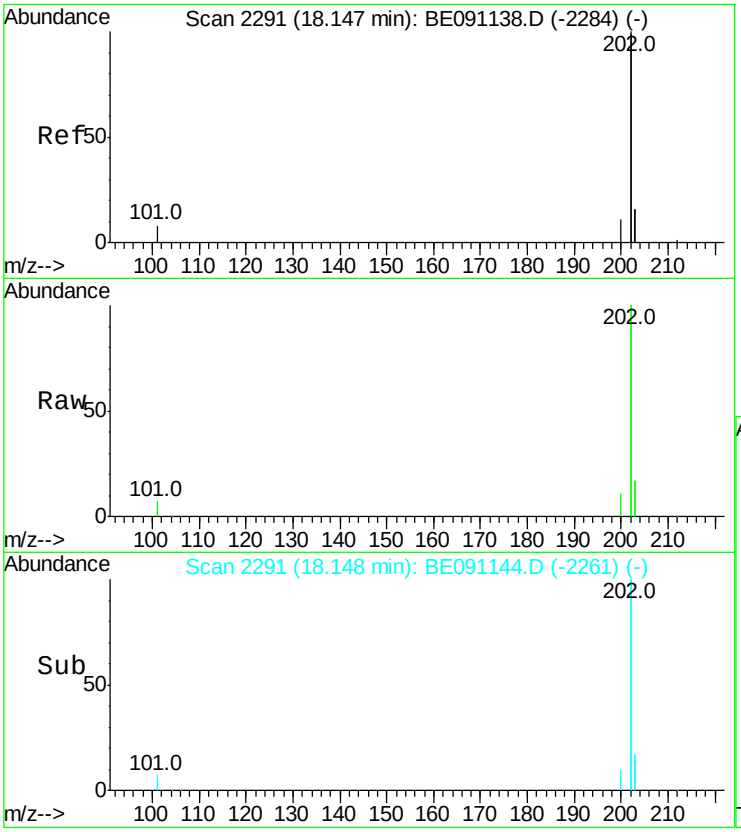


#15
Anthracene
Concen: 0.10 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:178 Resp: 31424

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	20.3	13.3	19.9#

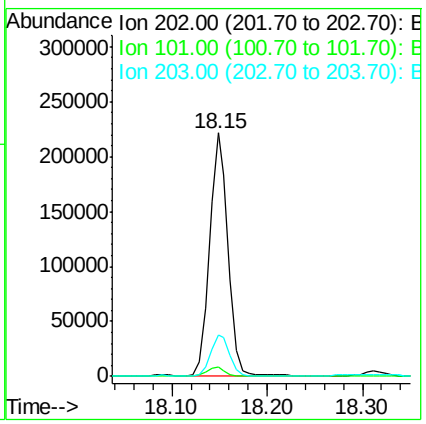




#17
Fluoranthene
Concen: 0.76 ng/ul
RT: 18.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:202 Resp: 296925

Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	17.2	0.0	37.2



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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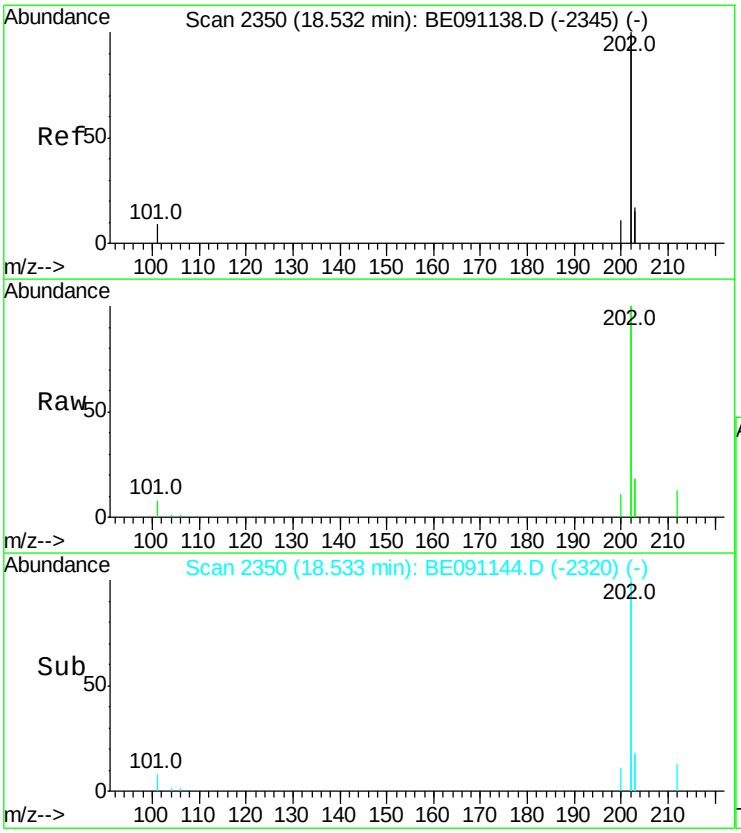
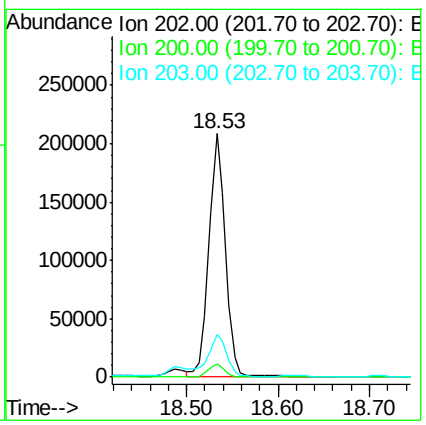
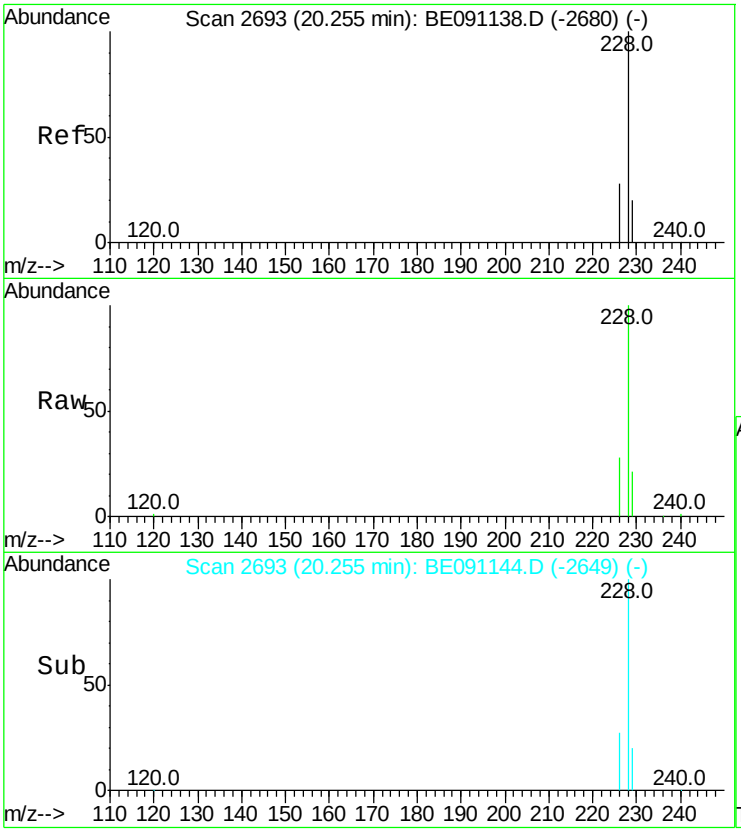


#19
Pyrene
Concen: 0.59 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:202 Resp: 257981

Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	17.7	13.8	20.6

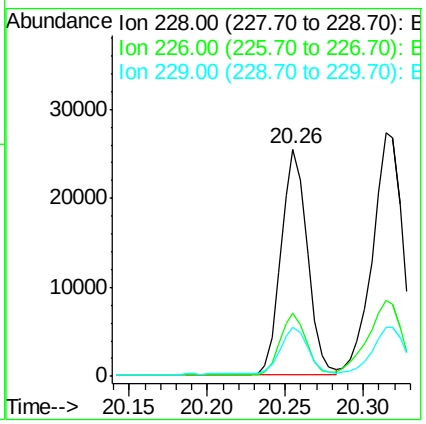




#20
Benzo(a)anthracene
Concen: 0.30 ng/ul
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:228 Resp: 29616

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	21.4	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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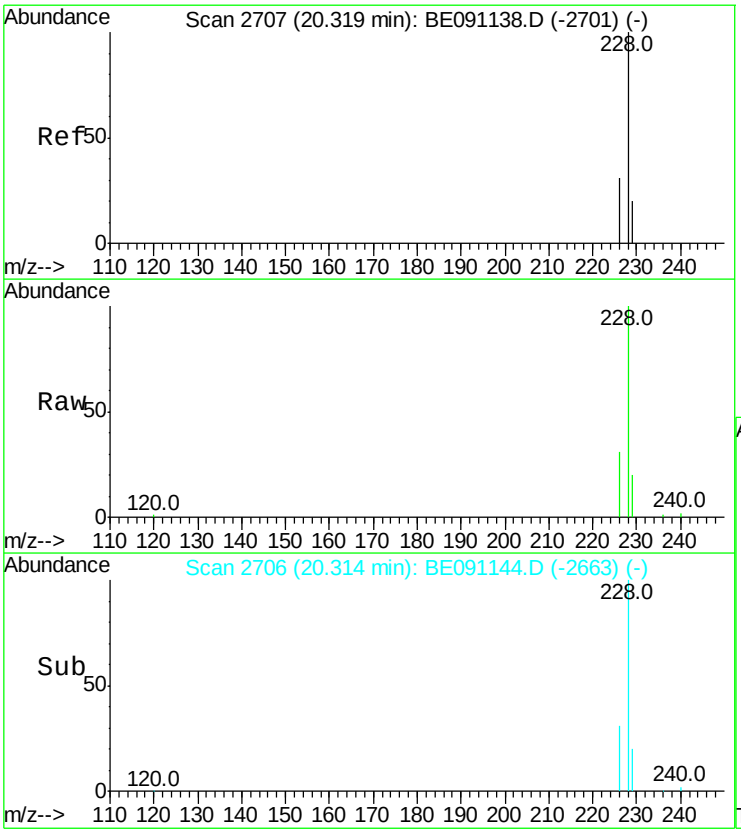
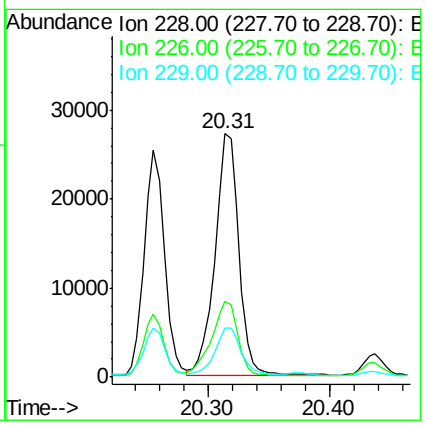
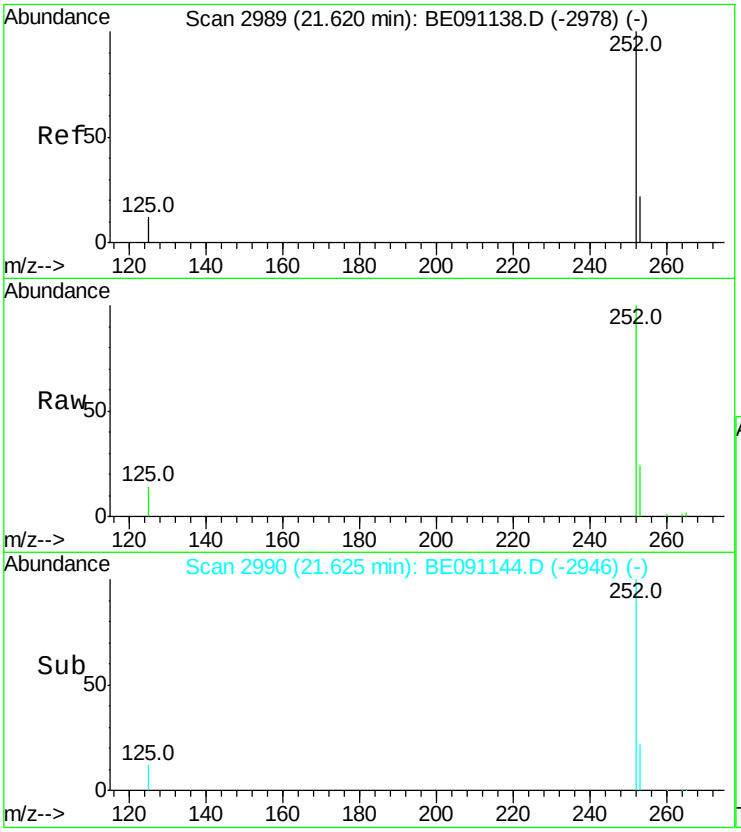


#21
Chrysene
Concen: 0.33 ng/ul
RT: 20.31 min Scan# 2706
Delta R.T. -0.01 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:228 Resp: 37590

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.2	15.2	22.8

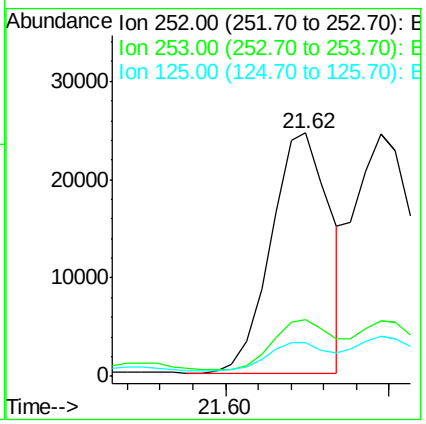




#23
Benzo(b)fluoranthene
Concen: 0.23 ng/ul
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:252 Resp: 30413

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	48.0
125	14.0	0.0	36.6



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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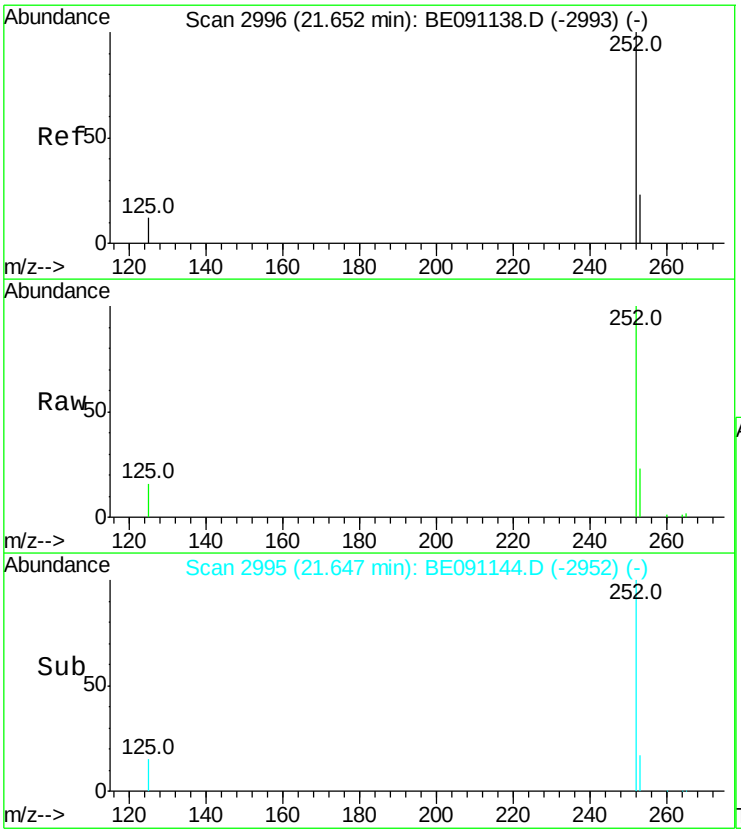
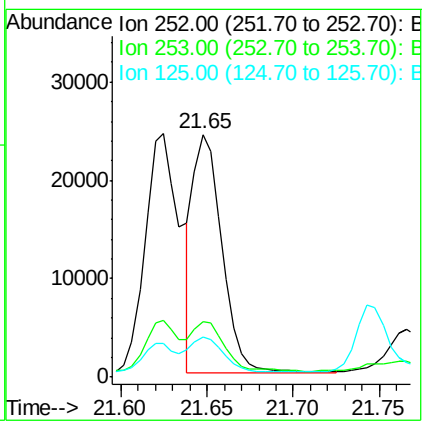
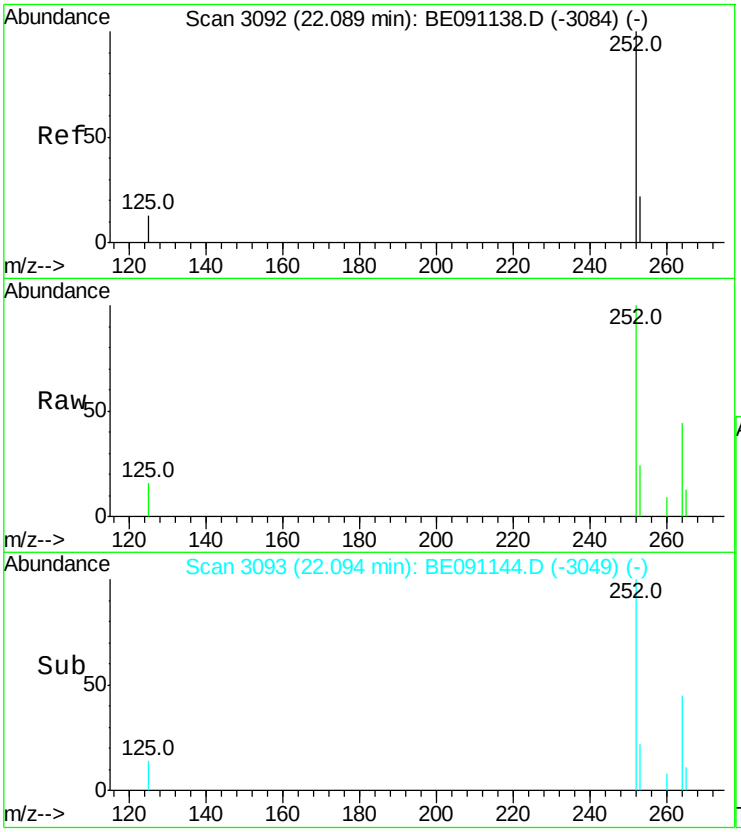


#24
Benzo(k)fluoranthene
Concen: 0.21 ng/ul
RT: 21.65 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:252 Resp: 28332

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.8	31.2
125	16.4	12.2	18.4





#25
Benzo(a)pyrene
Concen: 0.25 ng/ul
RT: 22.09 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:252 Resp: 30967

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.8	32.8
125	16.0	14.5	21.7

Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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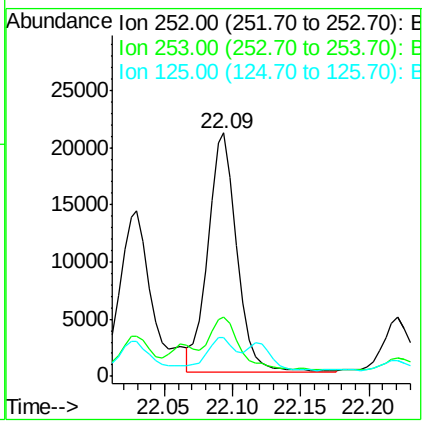
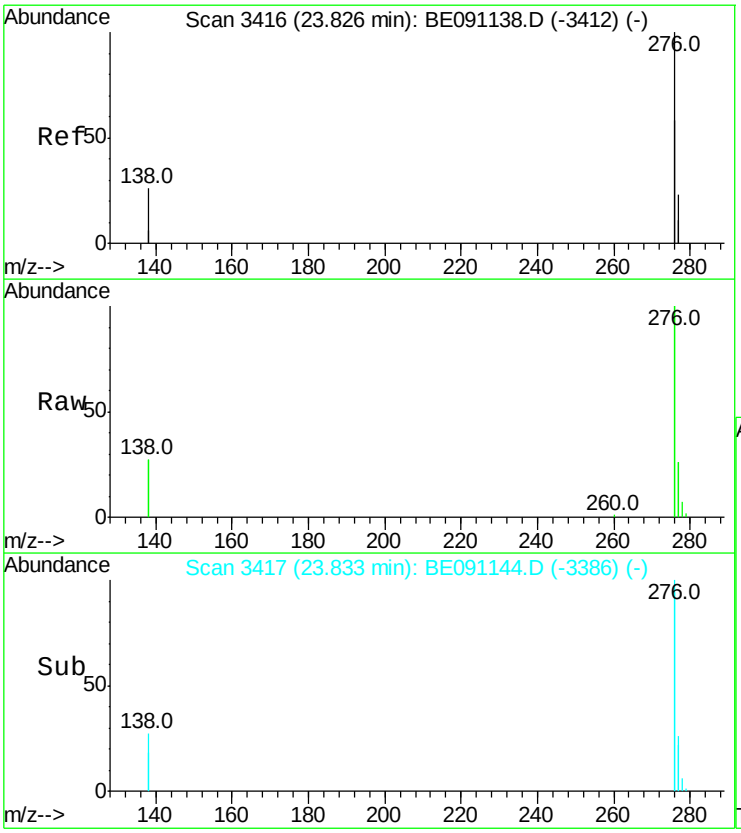
11/16/2015 12:42:36 PM

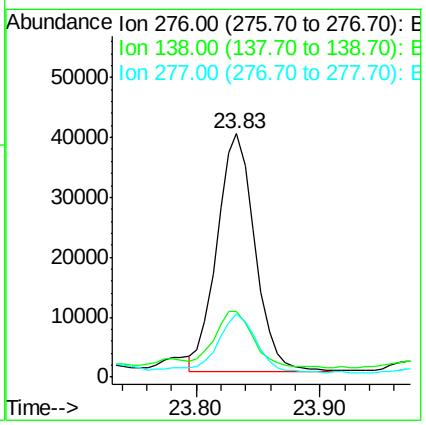


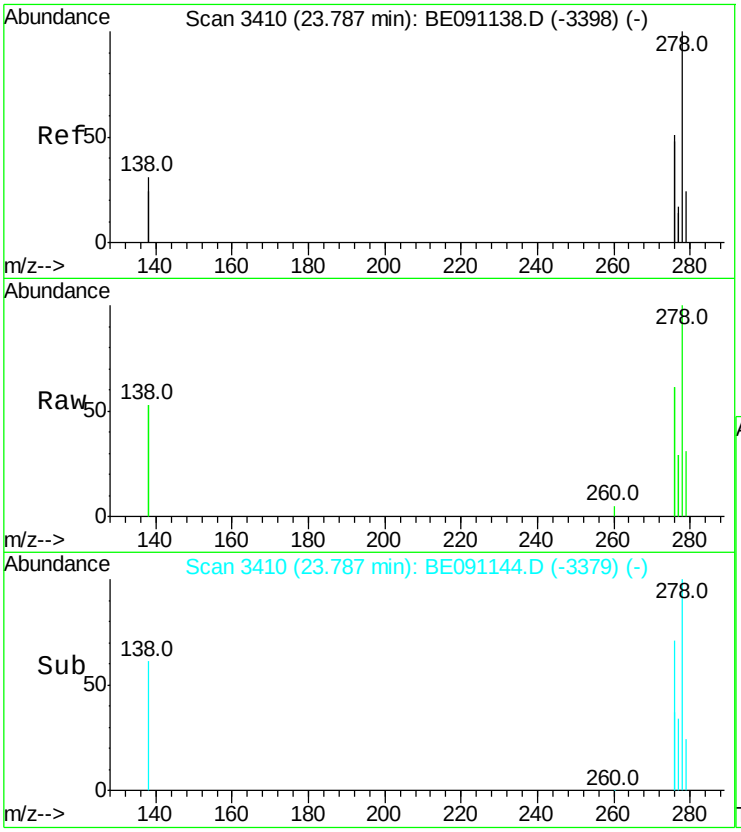


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:276 Resp: 84655

Ion	Ratio	Lower	Upper
276	100		
138	24.6	27.5	41.3#
277	25.8	19.3	28.9

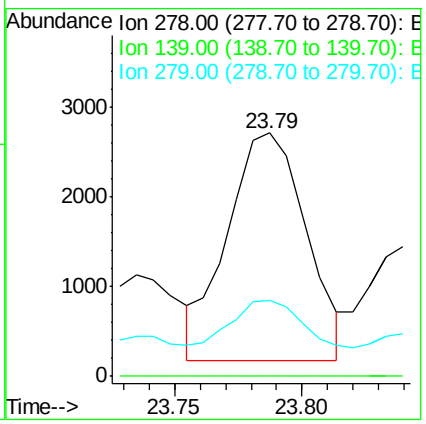




#27
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:278 Resp: 5418

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	31.3	21.9	32.9



Instrument :
BNA_E
ClientSampleId :
A4HS9

Manual Integrations APPROVED
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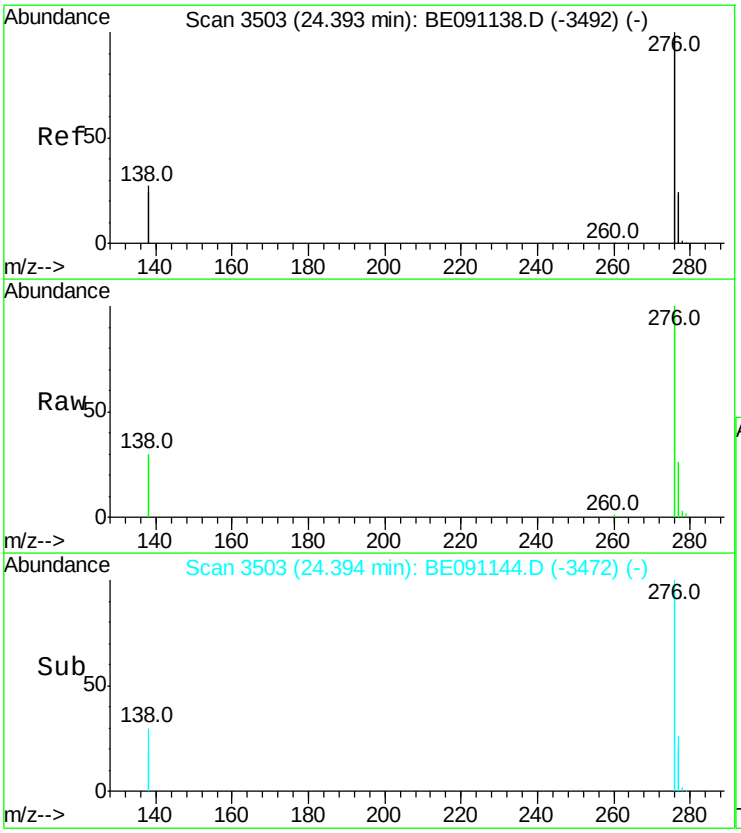

#28
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 24.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BE091144.D
Acq: 12 Nov 2015 14:37

Tgt Ion:276 Resp: 73246

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.3	31.9
138	29.5	25.5	38.3