Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091129.D
Acq On : 12 Nov 2015 1:48
Operator : UM/NP
Sample : G4322-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS7

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:13 PM

Quant Time: Nov 13 16:16:37 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	6.90	152	3511	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19159	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10705	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27133m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	35598	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39428	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8379	3.32	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.08	152	3335	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9071	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	1628	0.03	ng/ul#	88
9) Acenaphthylene	13.15	152	5883	0.11	ng/ul	97
11) Fluorene	14.45	166	1461	0.03	ng/ul#	92
14) Phenanthrene	16.16	178	167378	0.53	ng/ul	98
15) Anthracene	16.25	178	36955m	0.13	ng/ul	
17) Fluoranthene	18.15	202	404435	1.10	ng/ul	89
19) Pyrene	18.53	202	386572	0.96	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	38488	0.42	ng/ul	97
21) Chrysene	20.31	228	54596	0.52	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	44464	0.36	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	47766	0.38	ng/ul	95
25) Benzo(a)pyrene	22.09	252	48136	0.42	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.83	276	121087m	0.25	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	6852	0.06	ng/ul#	74
28) Benzo(g,h,i)perylene	24.39	276	121081	0.24	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 : BE091129.D
Acq On : 12 Nov 2015 1:48
Operator : UM/NP
Sample : G4322-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 13 16:16:37 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 :
A4HS7

Manual Integrations APPROVED
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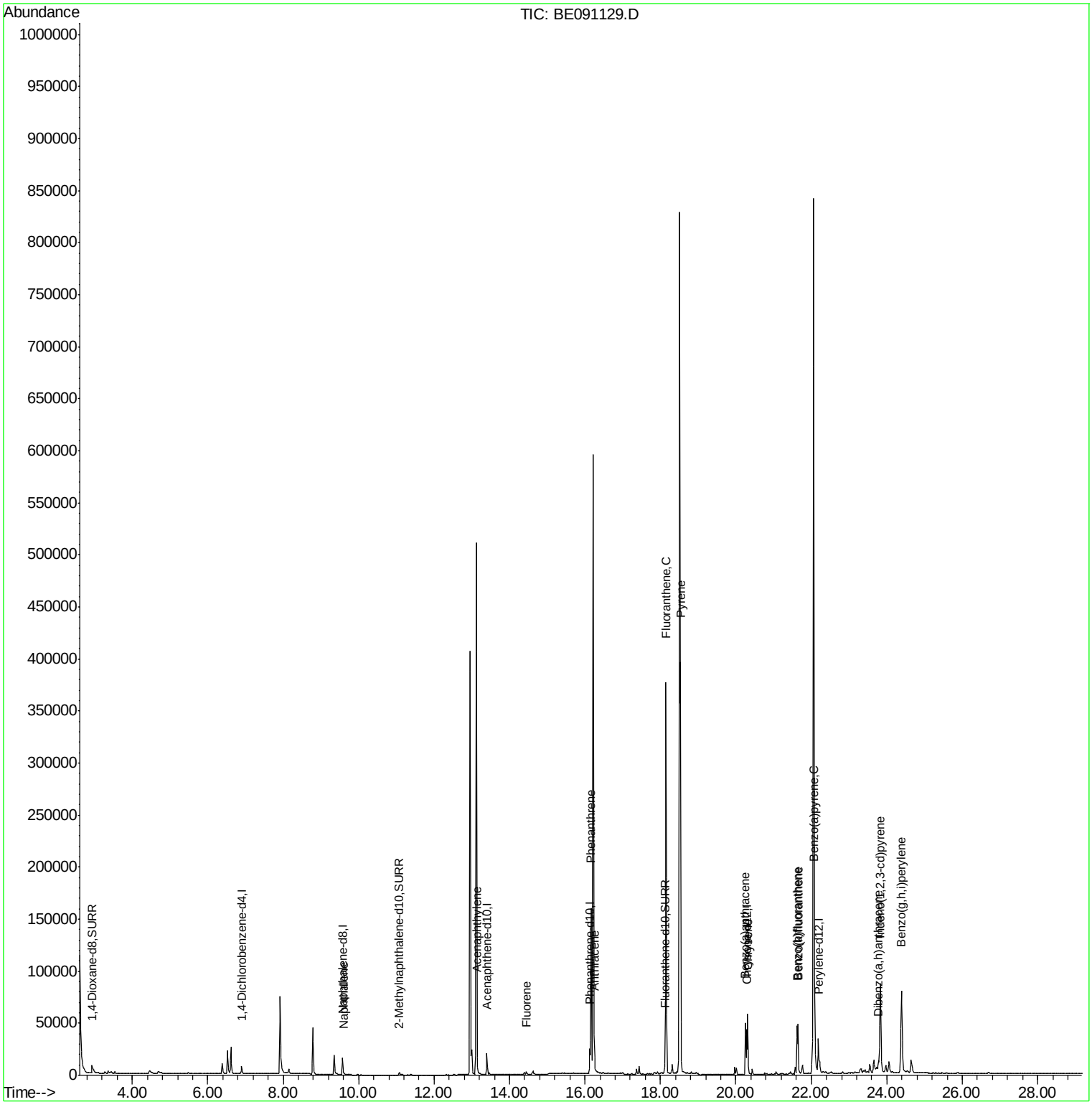
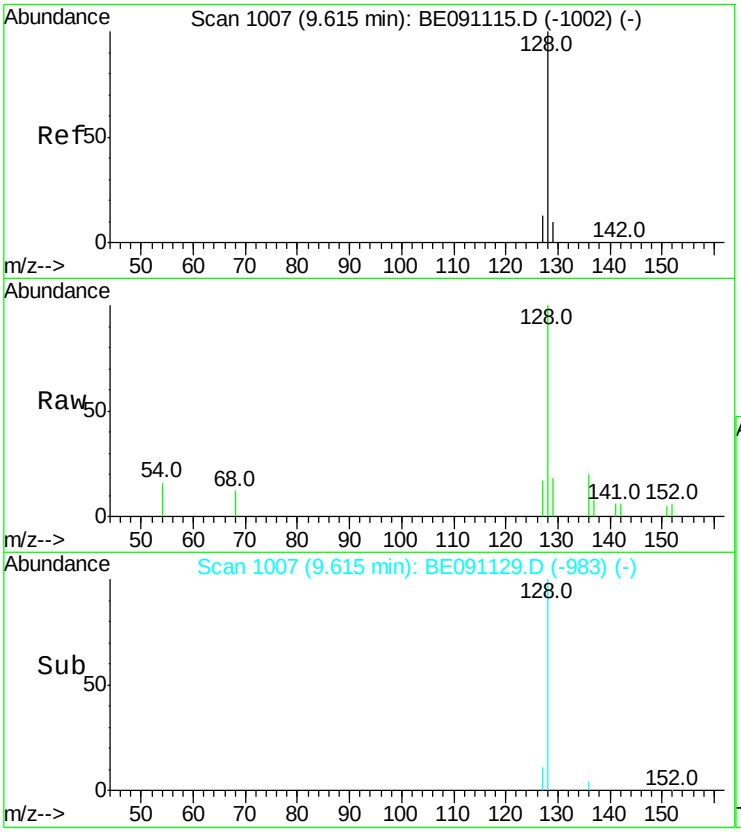
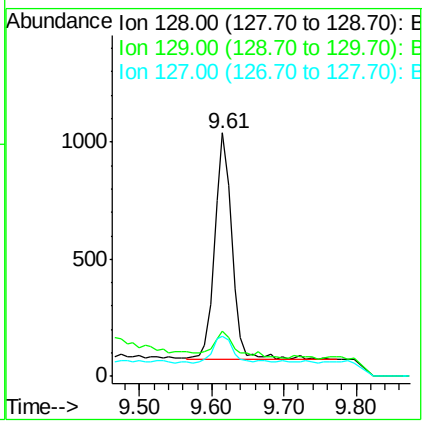




#5
Naphthalene
Concen: 0.03 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:128 Resp: 1628

Ion	Ratio	Lower	Upper
128	100		
129	18.4	9.8	14.8#
127	16.6	10.7	16.1#



Instrument :
BNA_E
ClientSampleId :
A4HS7

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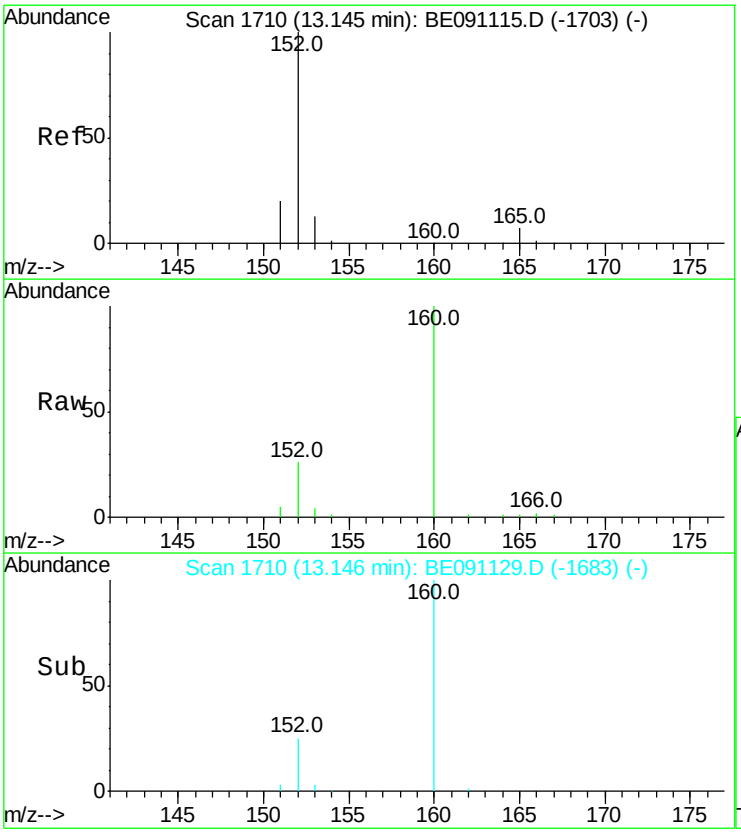
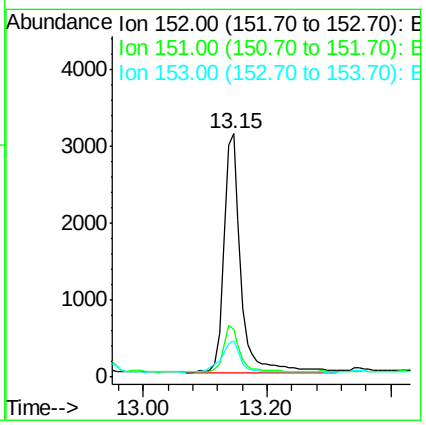
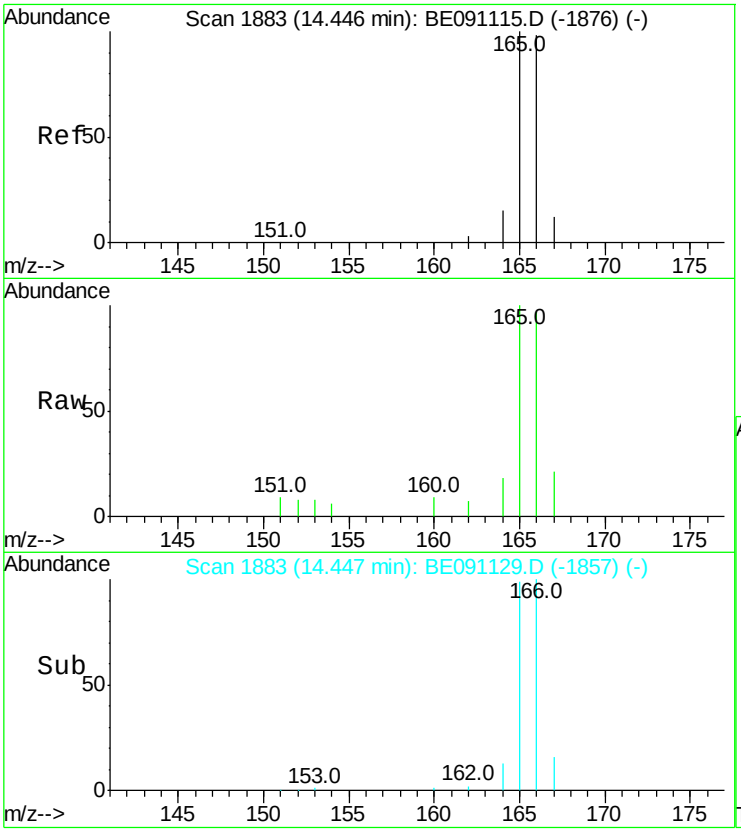


#9
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:152 Resp: 5883

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	14.7	11.3	16.9

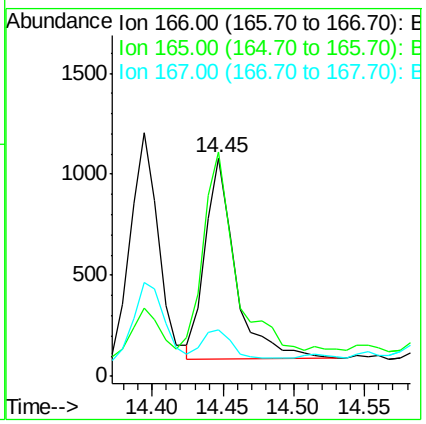




#11
Fluorene
Concen: 0.03 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:166 Resp: 1461

Ion	Ratio	Lower	Upper
166	100		
165	102.9	87.6	131.4
167	21.6	11.1	16.7#



Instrument :
BNA_E
ClientSampleId :
A4HS7

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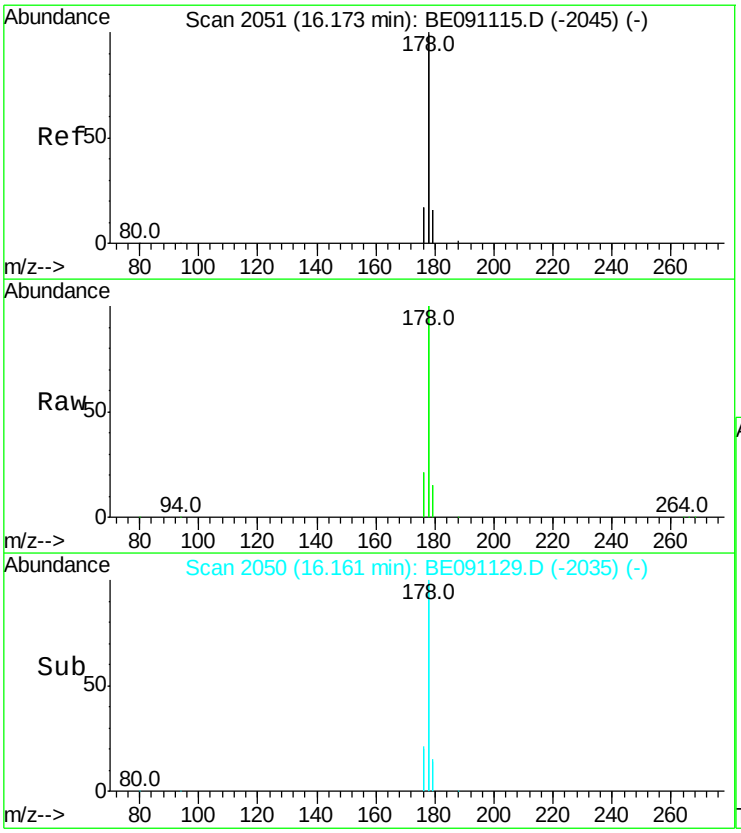
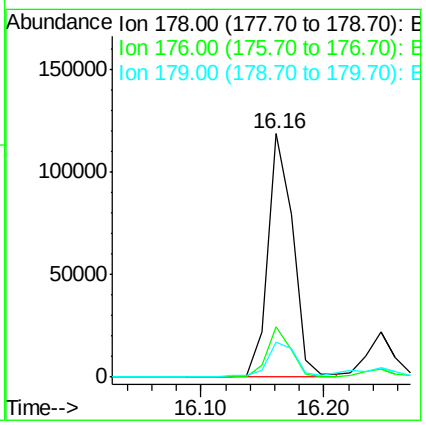
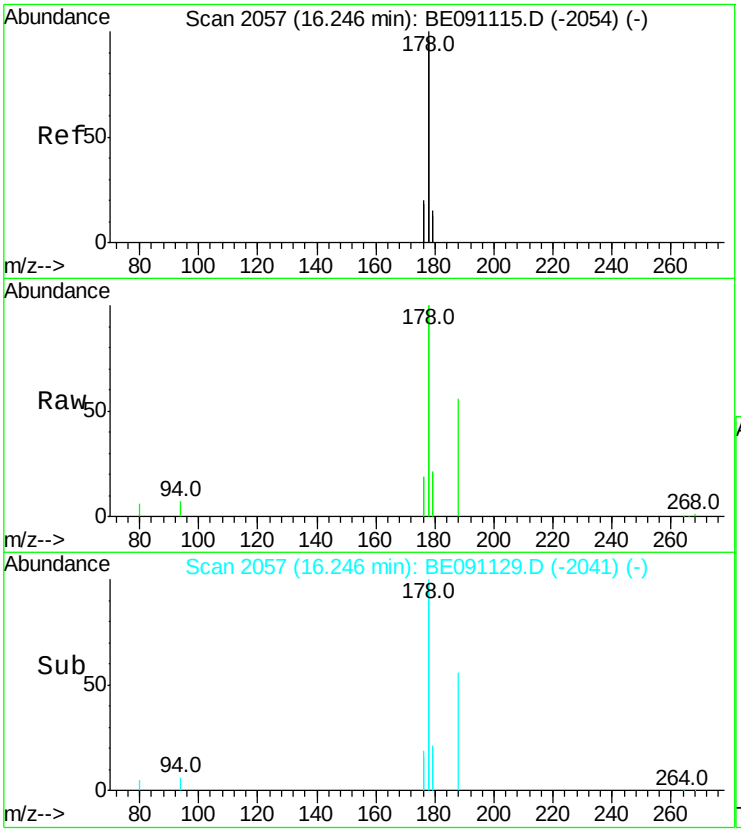


#14
Phenanthrene
Concen: 0.53 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:178 Resp: 167378

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	14.5	12.8	19.2

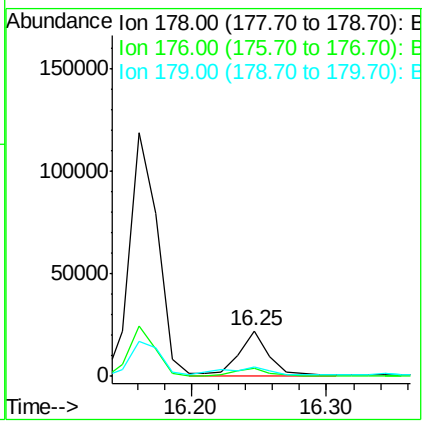




#15
Anthracene
Concen: 0.13 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:178 Resp: 36955

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	20.6	13.3	19.9#



Instrument :
BNA_E
ClientSampleId :
A4HS7

Manual Integrations APPROVED
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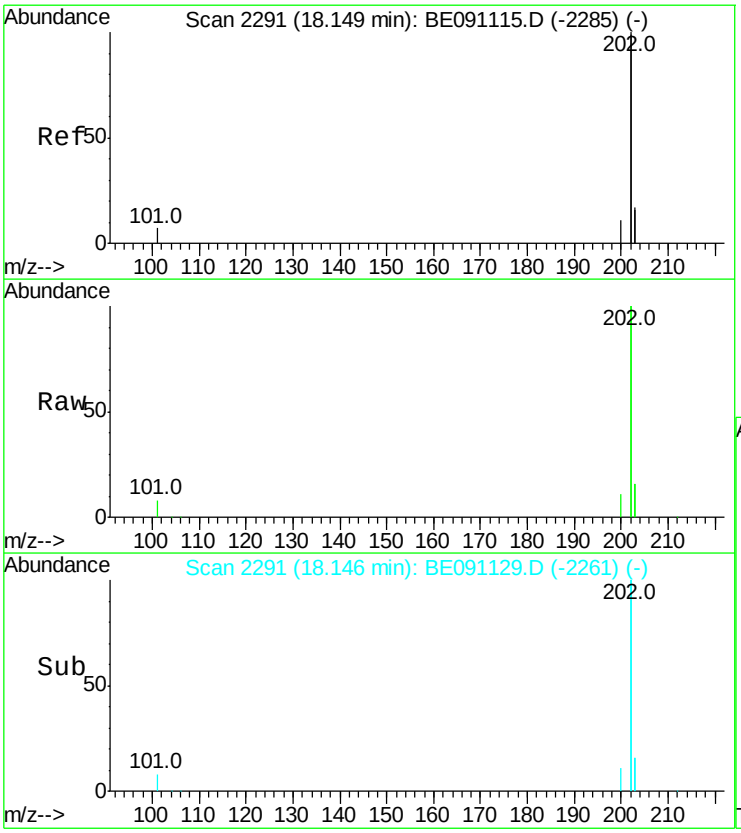
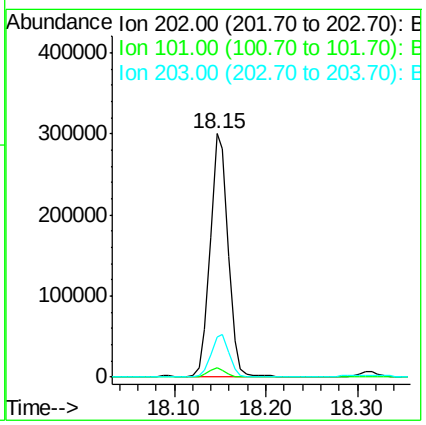
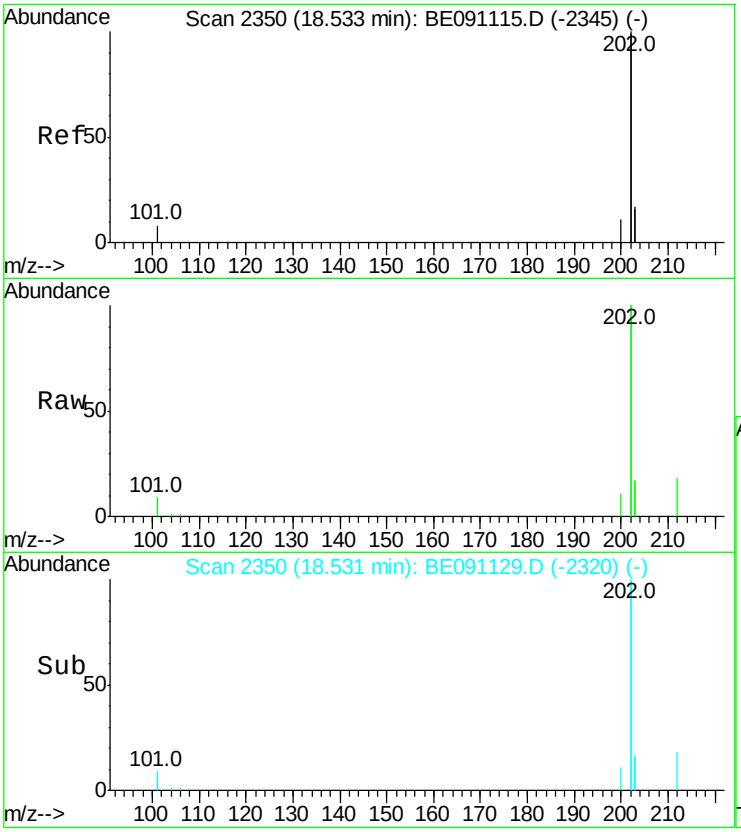


#17
Fluoranthene
Concen: 1.10 ng/ul
RT: 18.15 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:202 Resp: 404435

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	33.1
203	16.3	0.0	37.2





#19
Pyrene
Concen: 0.96 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:202 Resp: 386572

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

Instrument :
BNA_E
ClientSampleId :
A4HS7

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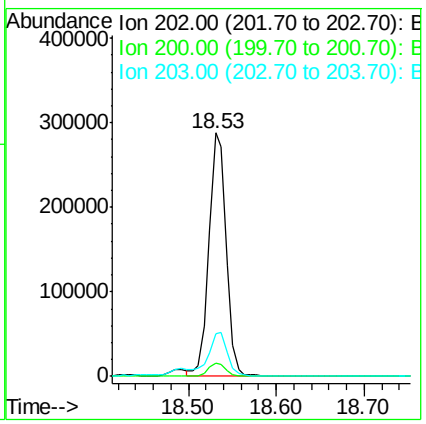
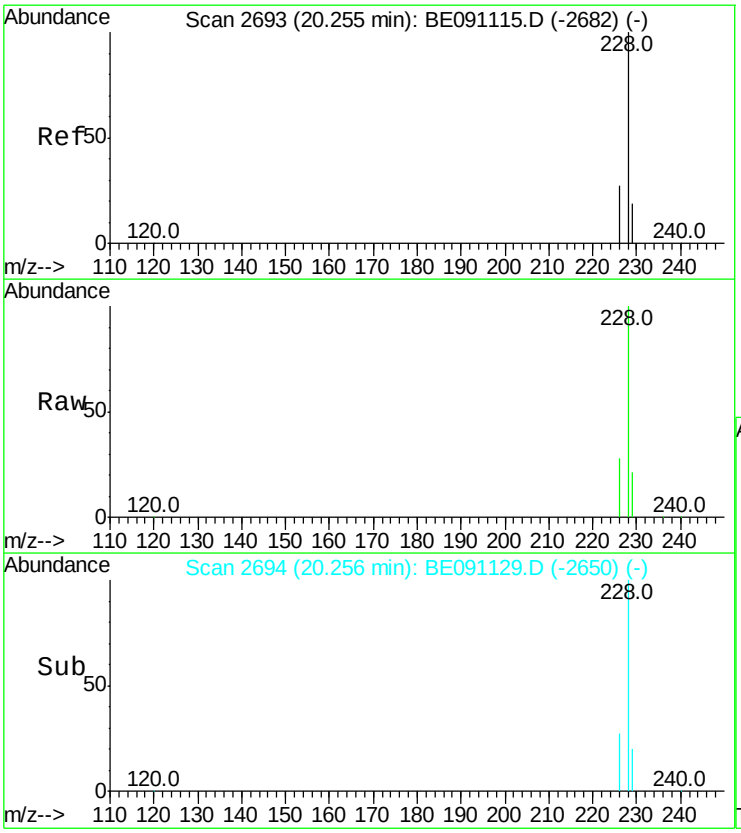
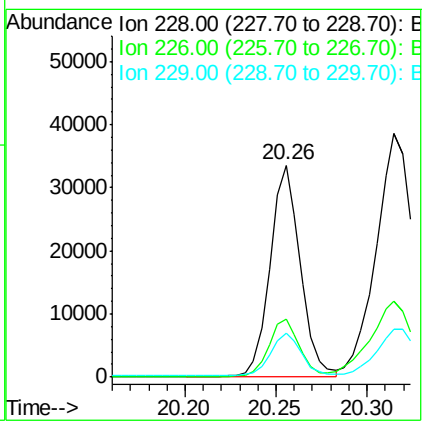


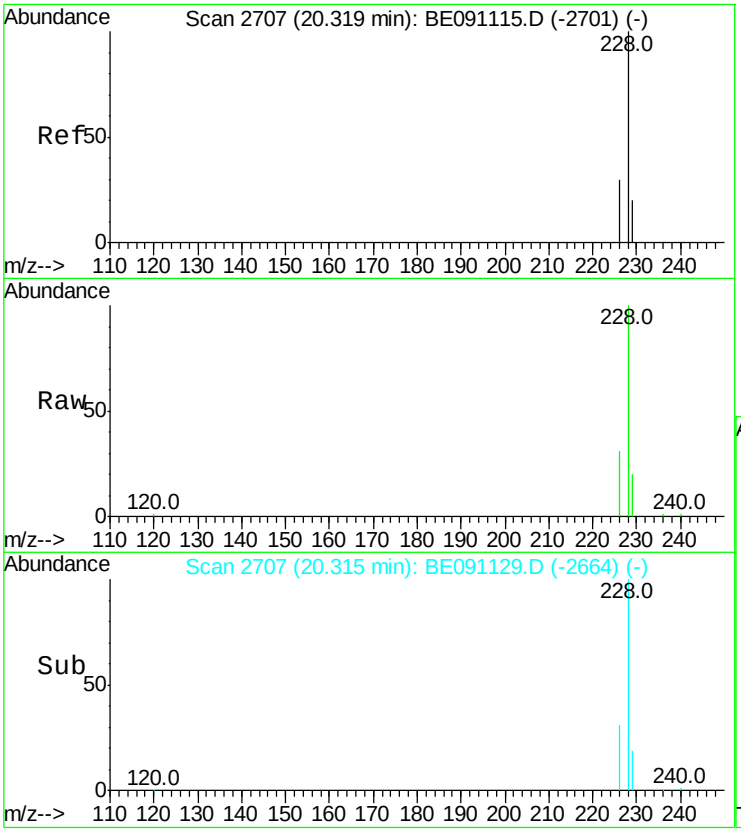


#20
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:228 Resp: 38488

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	20.6	15.2	22.8

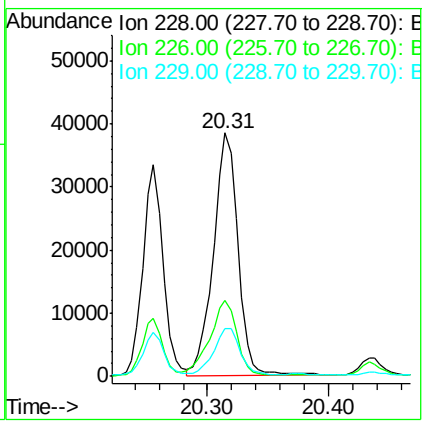




#21
Chrysene
Concen: 0.52 ng/ul
RT: 20.31 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:228 Resp: 54596

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	19.8	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4HS7

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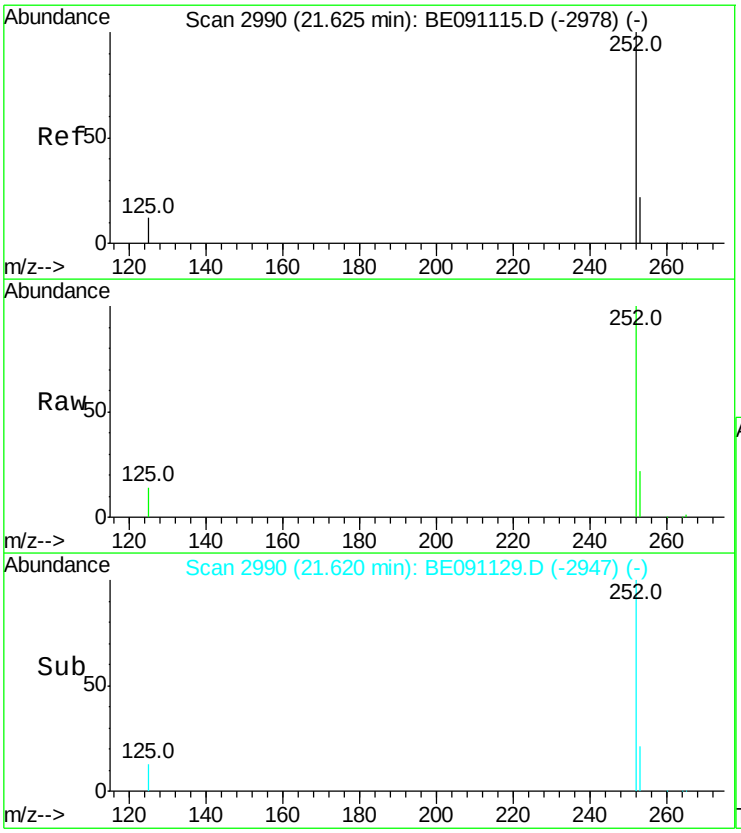
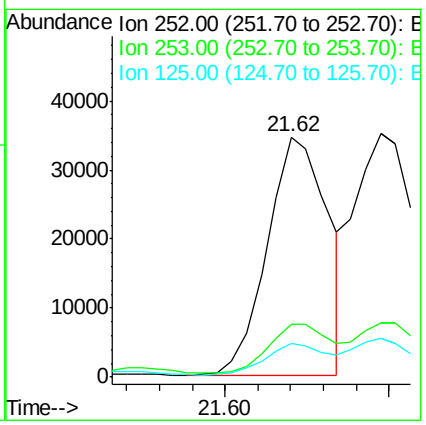
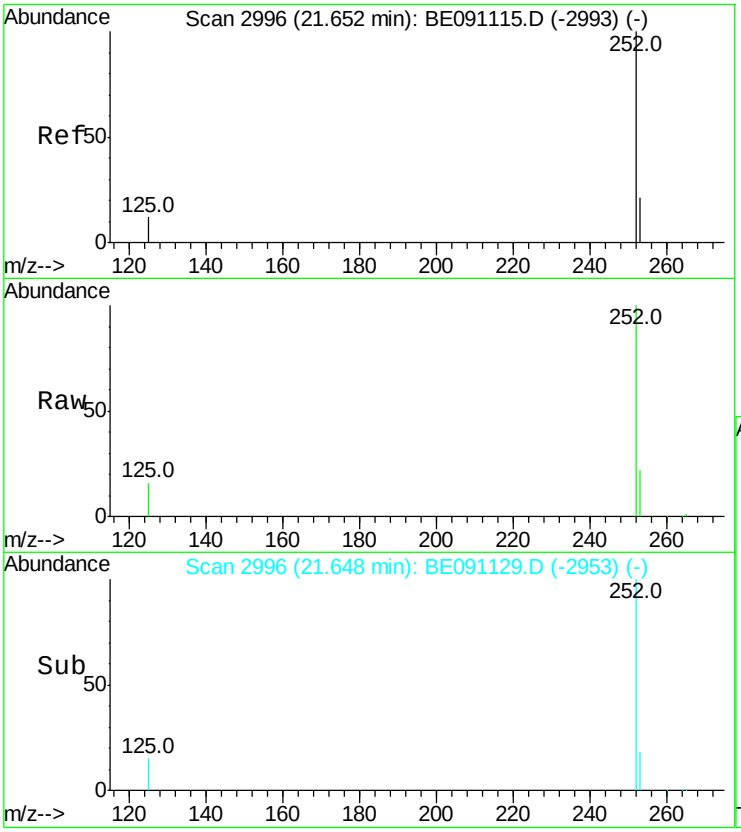


#23
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:252 Resp: 44464

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	48.0
125	14.0	0.0	36.6

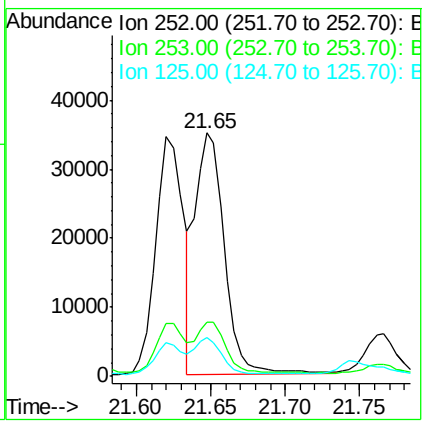




#24
Benzo(k)fluoranthene
Concen: 0.38 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:252 Resp: 47766

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.8	31.2
125	15.8	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
A4HS7

Manual Integrations APPROVED
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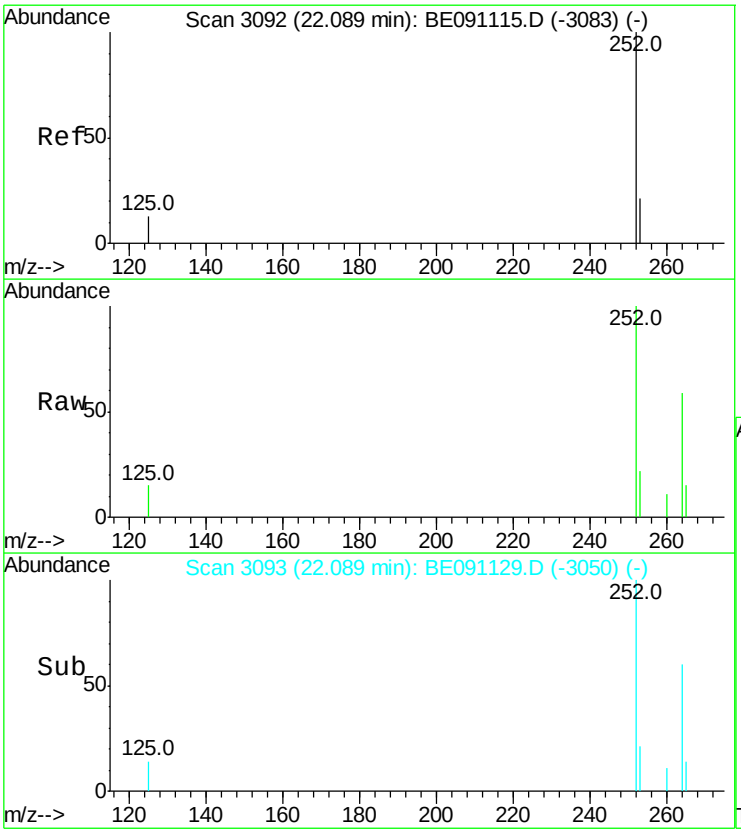
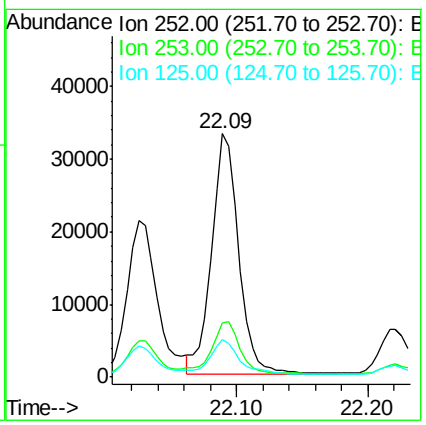
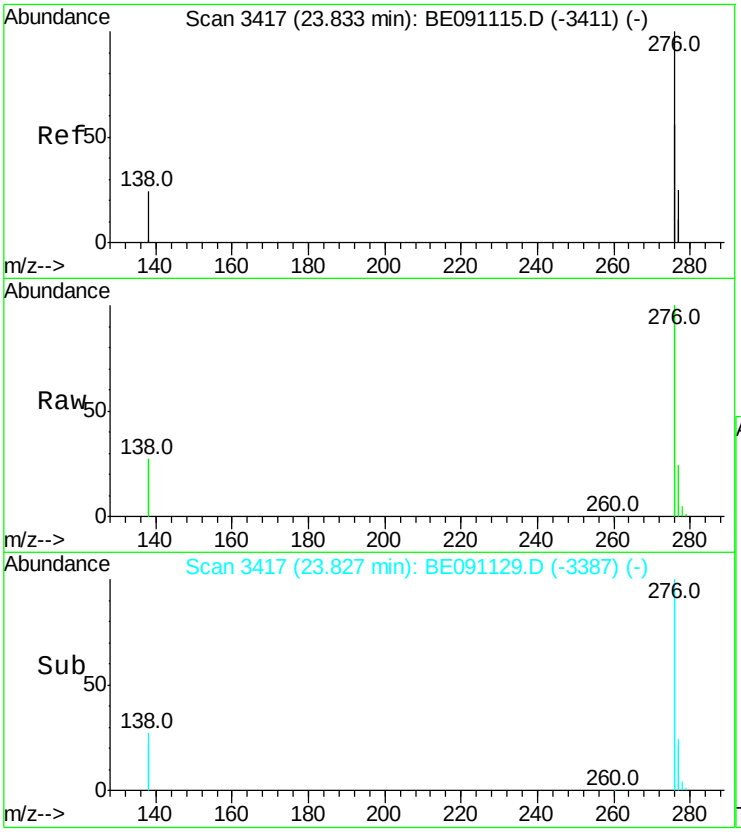


#25
Benzo(a)pyrene
Concen: 0.42 ng/ul
RT: 22.09 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:252 Resp: 48136

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.8	32.8
125	15.2	14.5	21.7

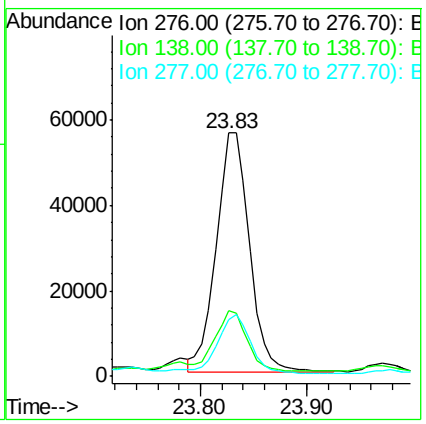




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:276 Resp: 121087

Ion	Ratio	Lower	Upper
276	100		
138	24.1	27.5	41.3#
277	25.6	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
A4HS7

Manual Integrations APPROVED
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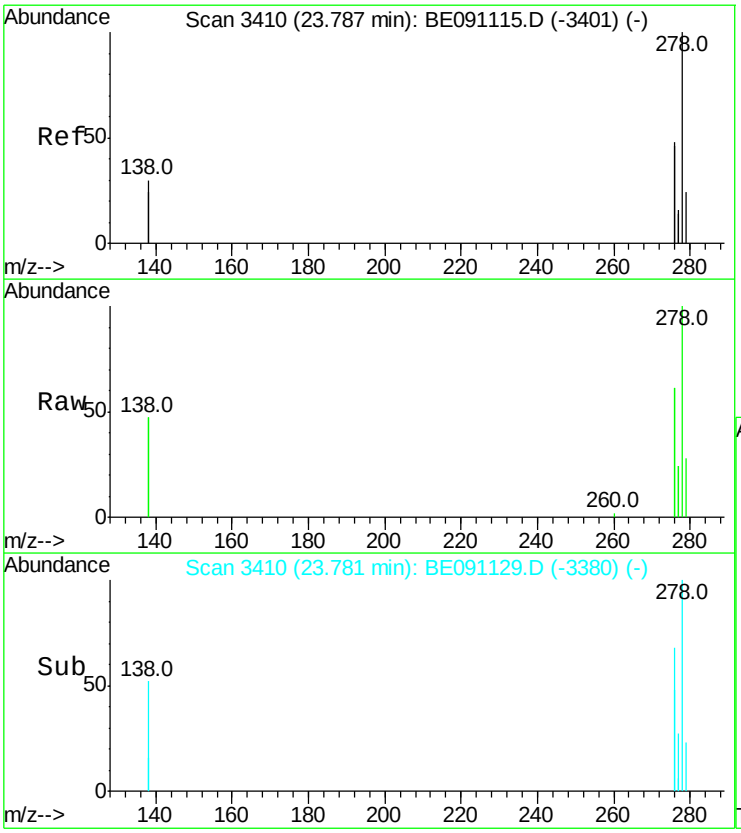
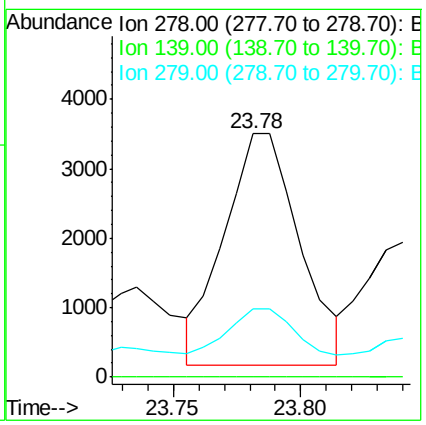
11/16/2015 12:42:13 PM

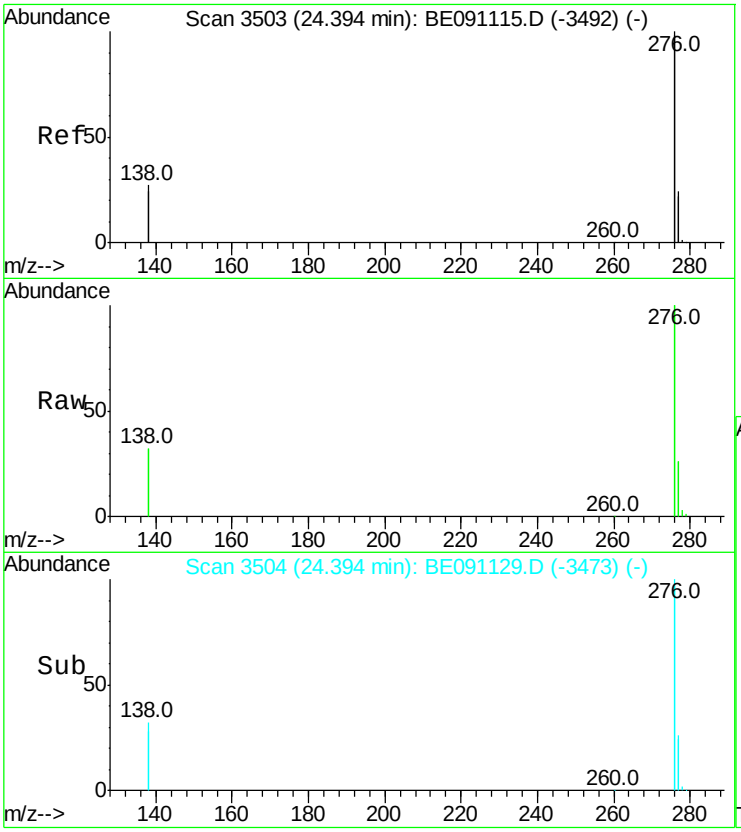


#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 23.78 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:278 Resp: 6852

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	27.9	21.9	32.9

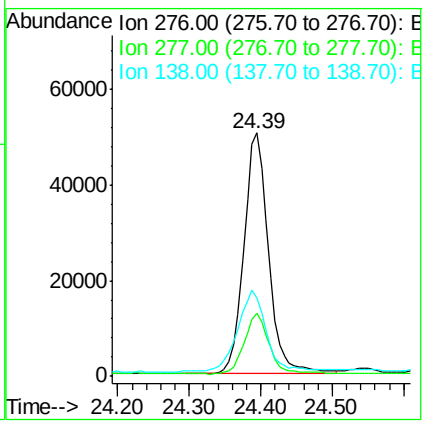




#28
Benzo(g,h,i)perylene
Concen: 0.24 ng/ul
RT: 24.39 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BE091129.D
Acq: 12 Nov 2015 1:48

Tgt Ion:276 Resp: 121081

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.3	31.9
138	32.1	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
A4HS7

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:13 PM