Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091074.D
Acq On : 5 Nov 2015 19:40
Operator : UM/NP
Sample : G4273-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:22 PM

Quant Time: Nov 06 06:40:52 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	3552	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20110	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11977	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28963m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	31405	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	41055m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	14824	5.80	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	5543	0.20	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	17310	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.62	128	26576	0.54	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	50110	1.55	ng/ul	99
9) Acenaphthylene	13.14	152	18673	0.31	ng/ul	99
10) Acenaphthene	13.46	153	188159	4.59	ng/ul	94
11) Fluorene	14.45	166	230715	4.39	ng/ul	89
14) Phenanthrene	16.17	178	4381400m	13.10	ng/ul	
15) Anthracene	16.25	178	1783991	5.87	ng/ul	97
17) Fluoranthene	18.15	202	3798063m	9.70	ng/ul	
19) Pyrene	18.54	202	2701721	7.57	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	295700	3.67	ng/ul	96
21) Chrysene	20.32	228	270904	2.92	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	161429	1.26	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	181428m	1.38	ng/ul	
25) Benzo(a)pyrene	22.10	252	196481m	1.66	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	393230m	0.79	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	27598m	0.23	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	317216m	0.61	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 : BE091074.D
Acq On : 5 Nov 2015 19:40
Operator : UM/NP
Sample : G4273-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 06 06:40:52 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

Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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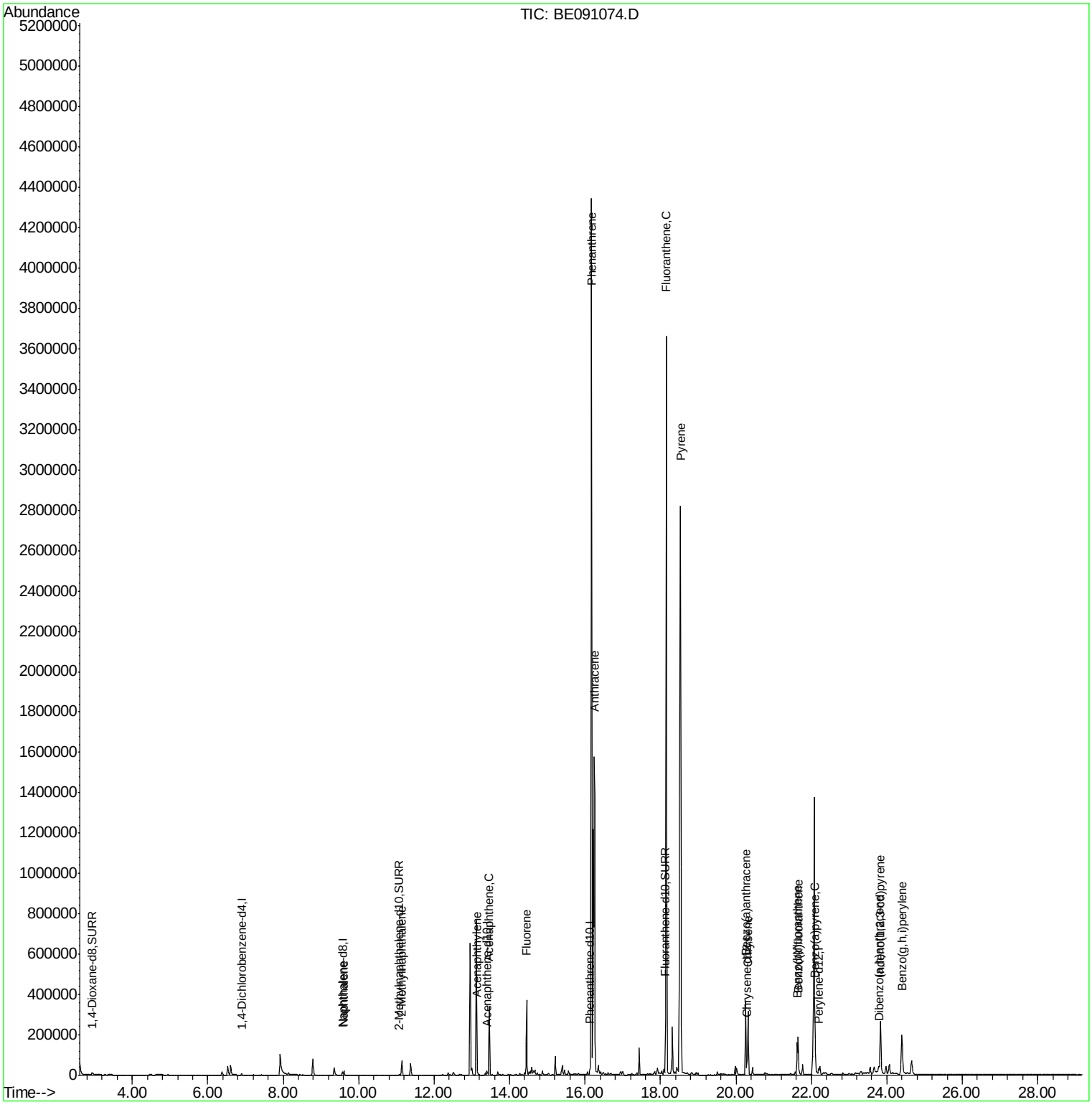
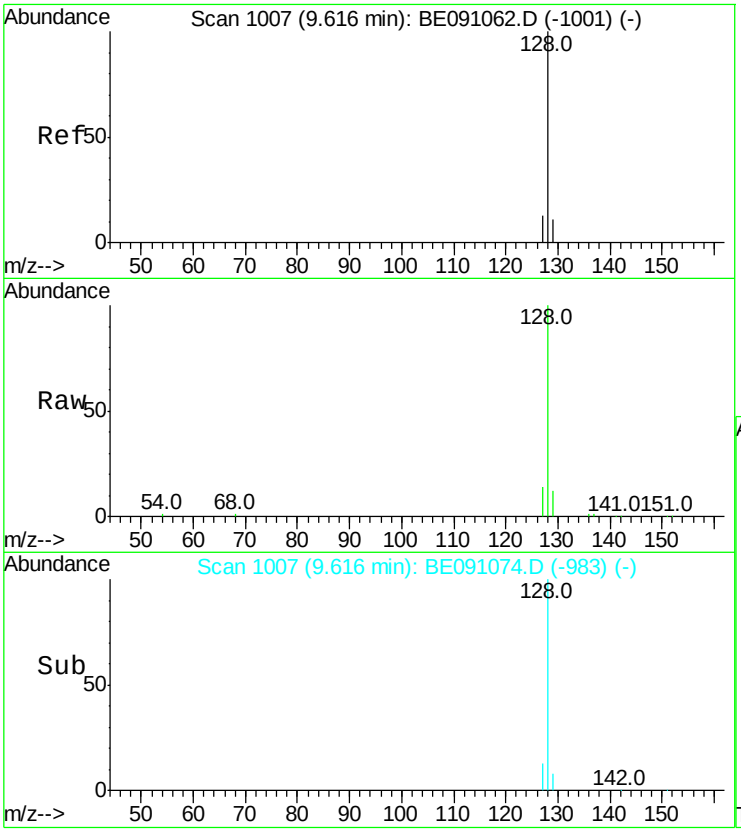
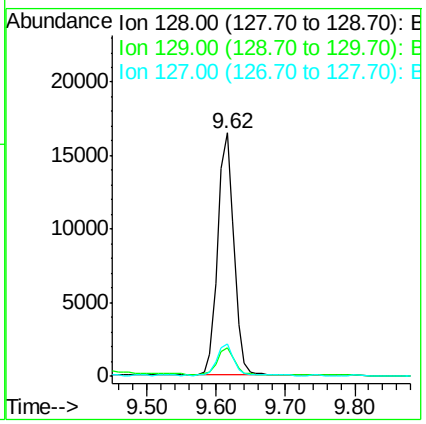




#5
Naphthalene
Concen: 0.54 ng/ul
RT: 9.62 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:128 Resp: 26576

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.5	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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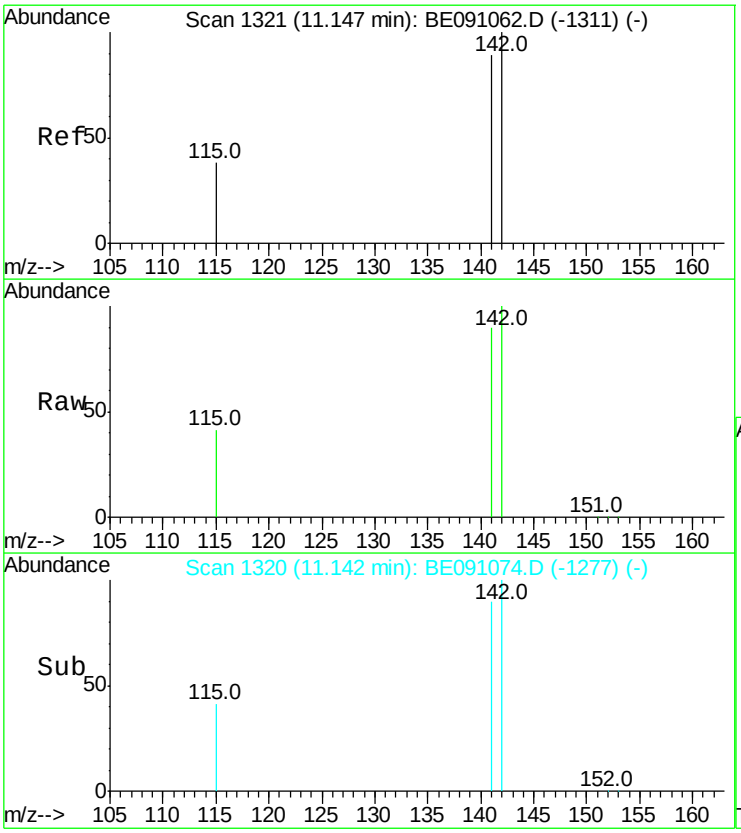
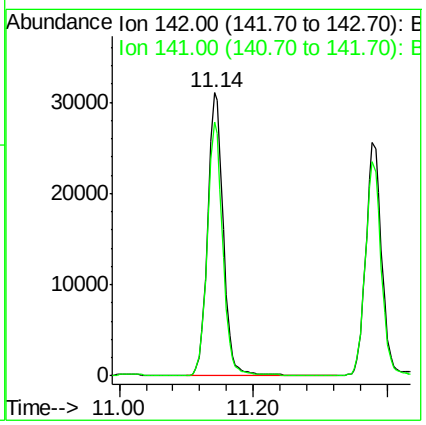
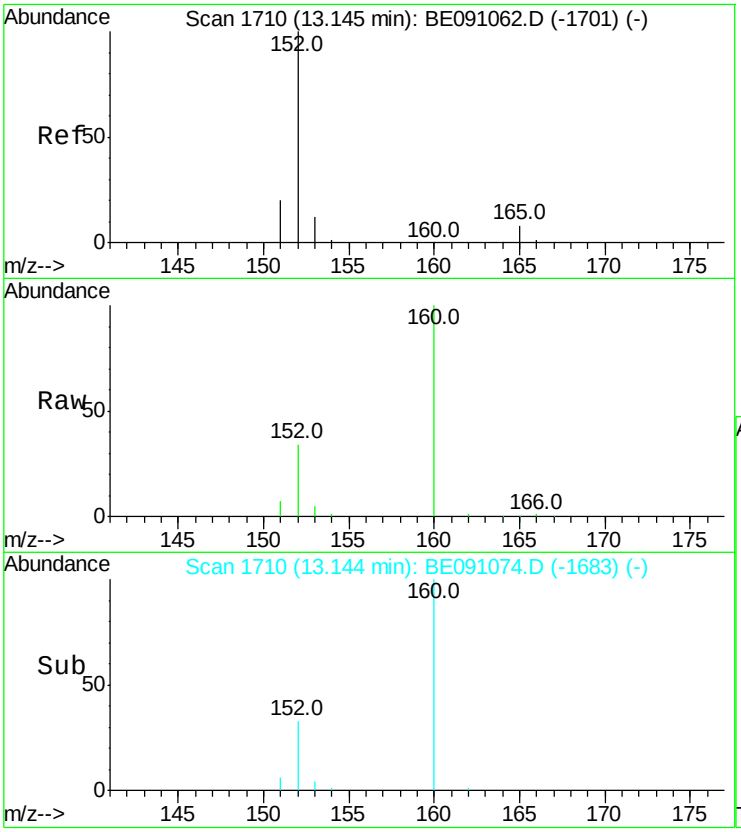


#7
2-Methylnaphthalene
Concen: 1.55 ng/ul
RT: 11.14 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:142 Resp: 50110

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5

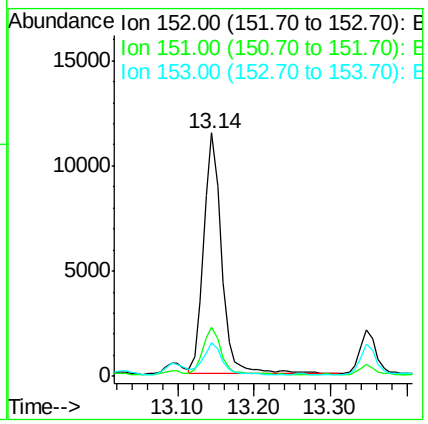




#9
Acenaphthylene
Concen: 0.31 ng/ul
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:152 Resp: 18673

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	14.0	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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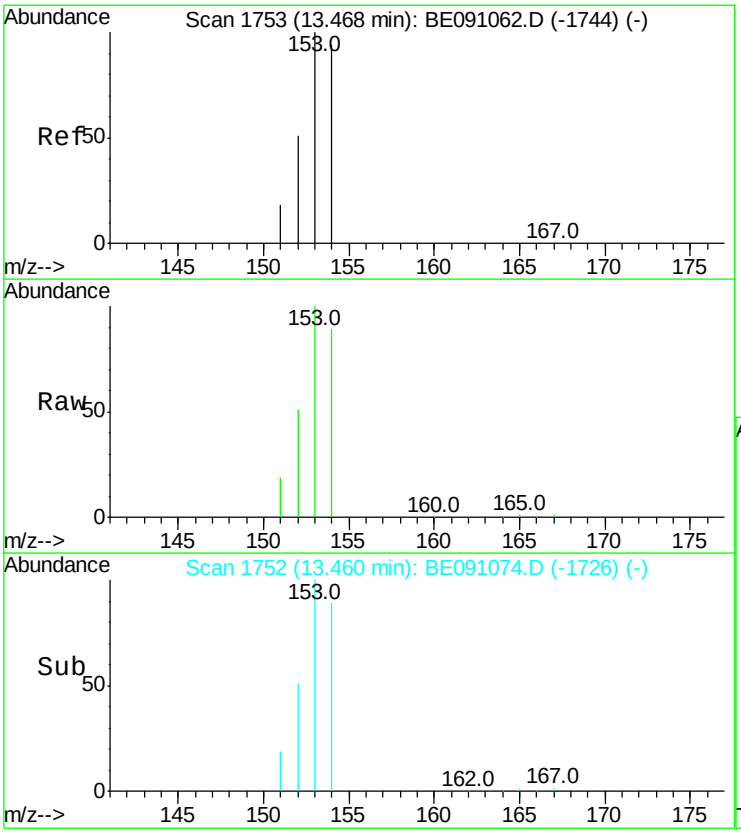
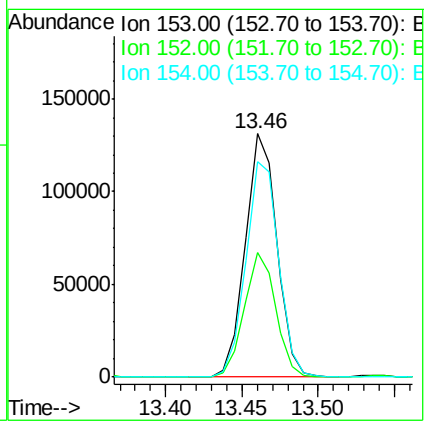
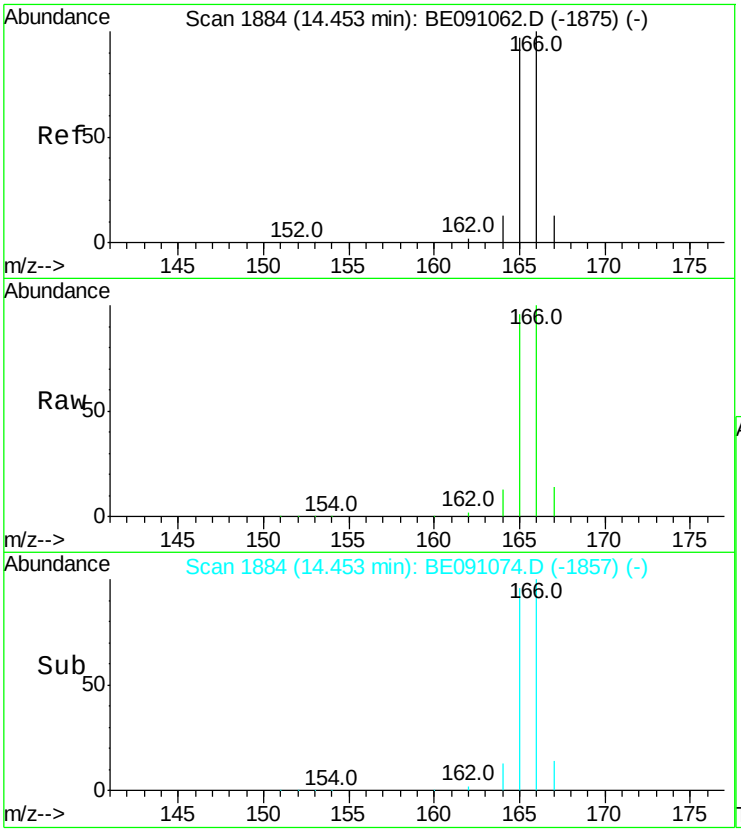


#10
Acenaphthene
Concen: 4.59 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:153 Resp: 188159

Ion	Ratio	Lower	Upper
153	100		
152	51.1	42.3	63.5
154	88.6	64.7	97.1

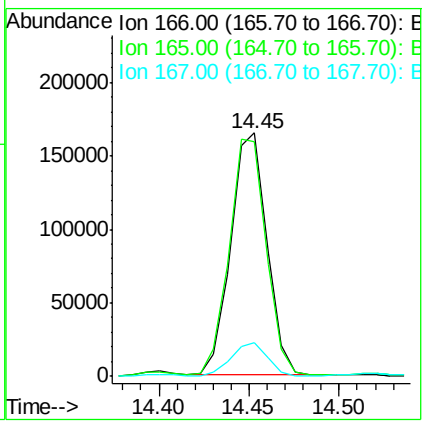




#11
Fluorene
Concen: 4.39 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:166 Resp: 230715

Ion	Ratio	Lower	Upper
166	100		
165	96.1	87.6	131.4
167	13.8	11.1	16.7



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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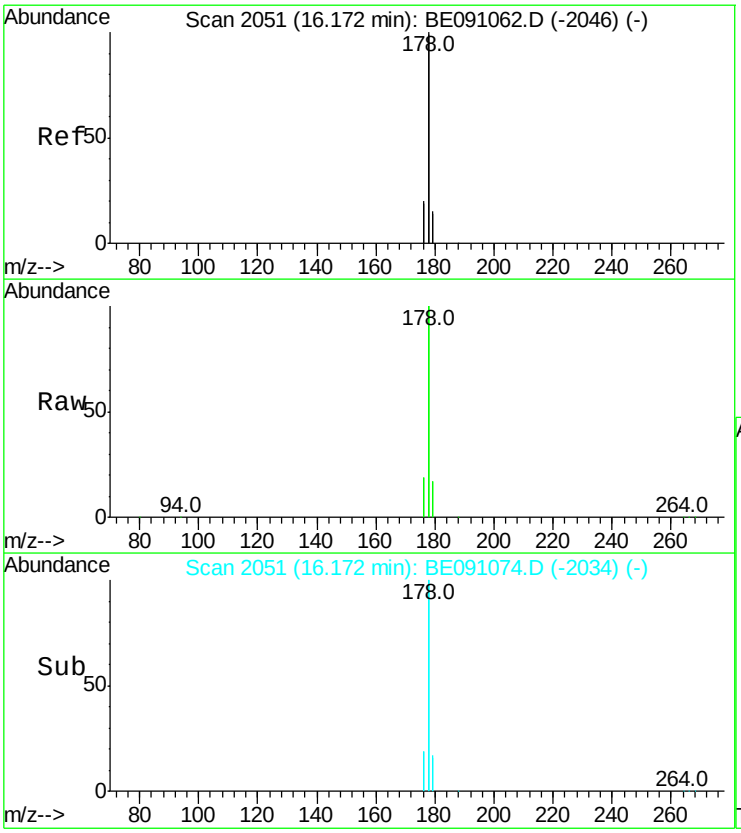
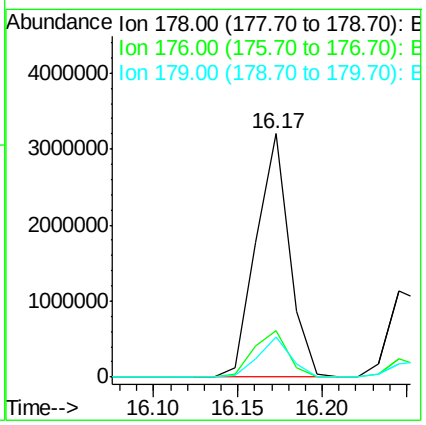
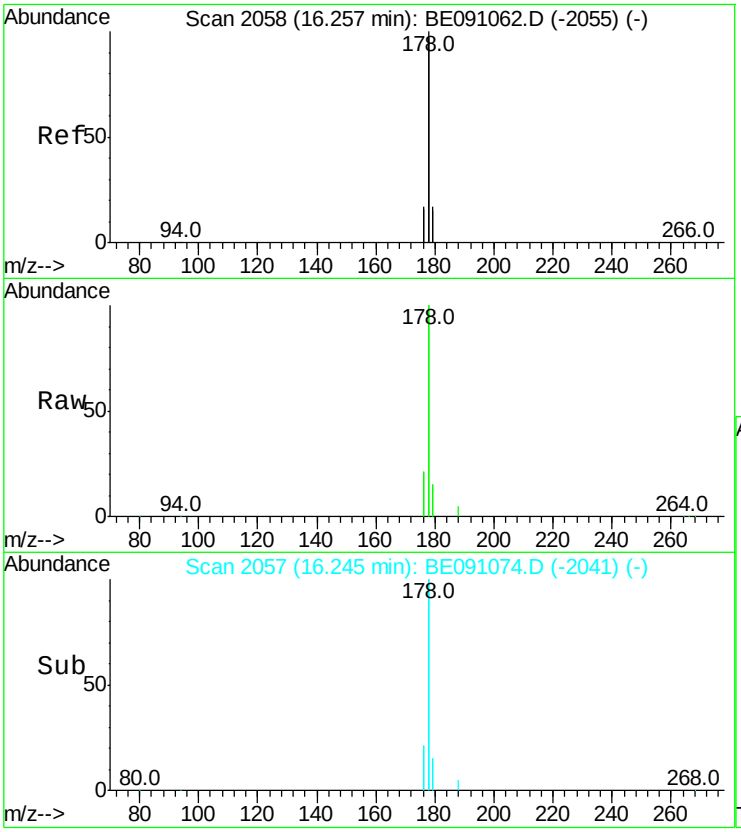


#14
Phenanthrene
Concen: 13.10 ng/ul m
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:178 Resp: 4381400

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.6	12.8	19.2

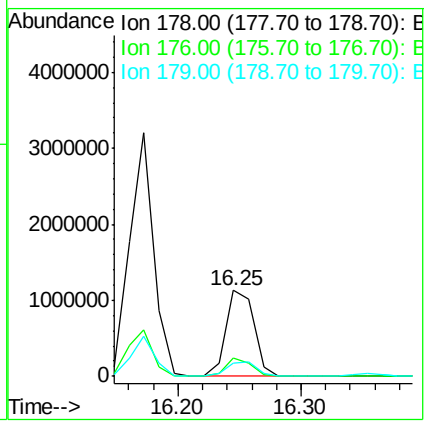




#15
Anthracene
Concen: 5.87 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:178 Resp: 1783991

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.8	23.8
179	15.5	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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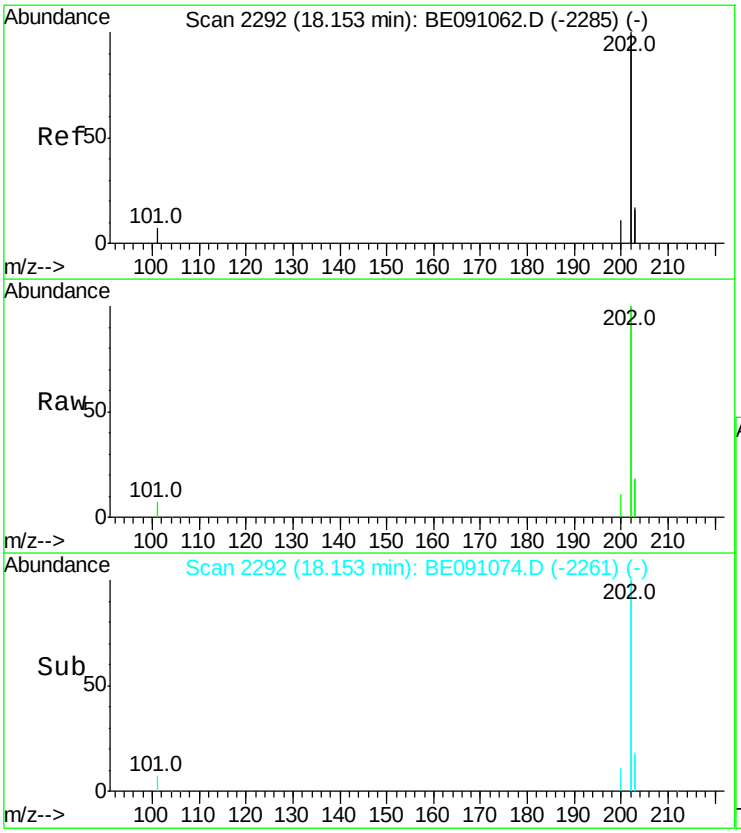
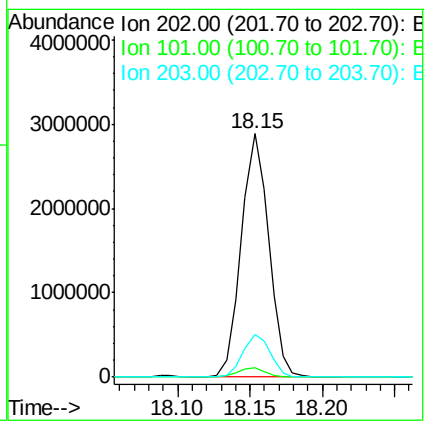
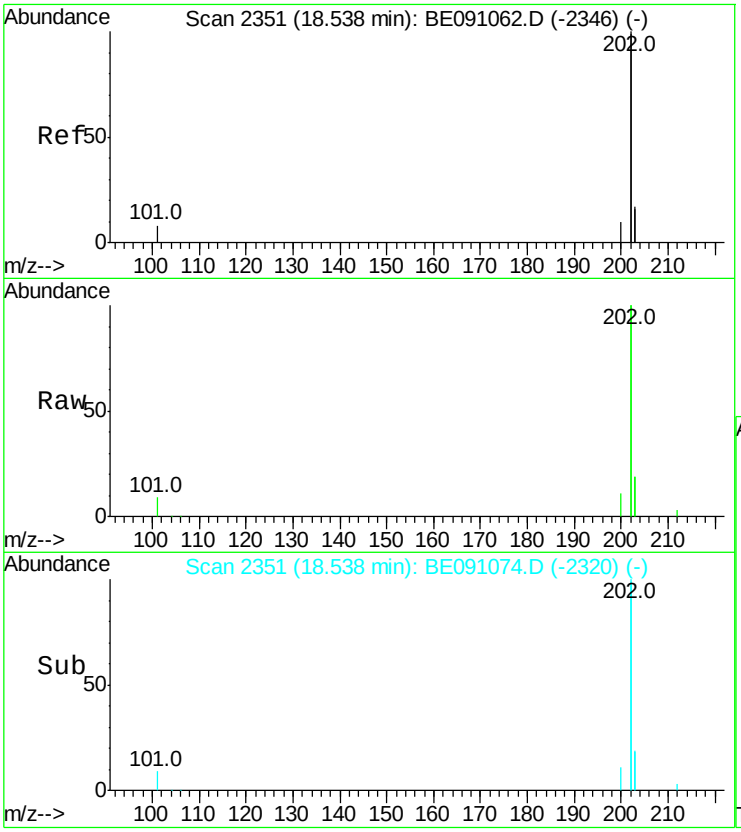


#17
Fluoranthene
Concen: 9.70 ng/ul m
RT: 18.15 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:202 Resp: 3798063

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	33.1
203	17.7	0.0	37.2

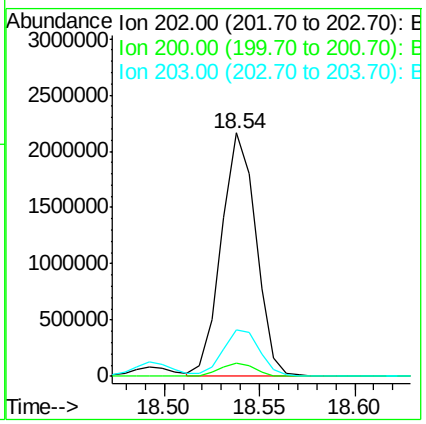




#19
Pyrene
Concen: 7.57 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:202 Resp: 2701721

Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	18.9	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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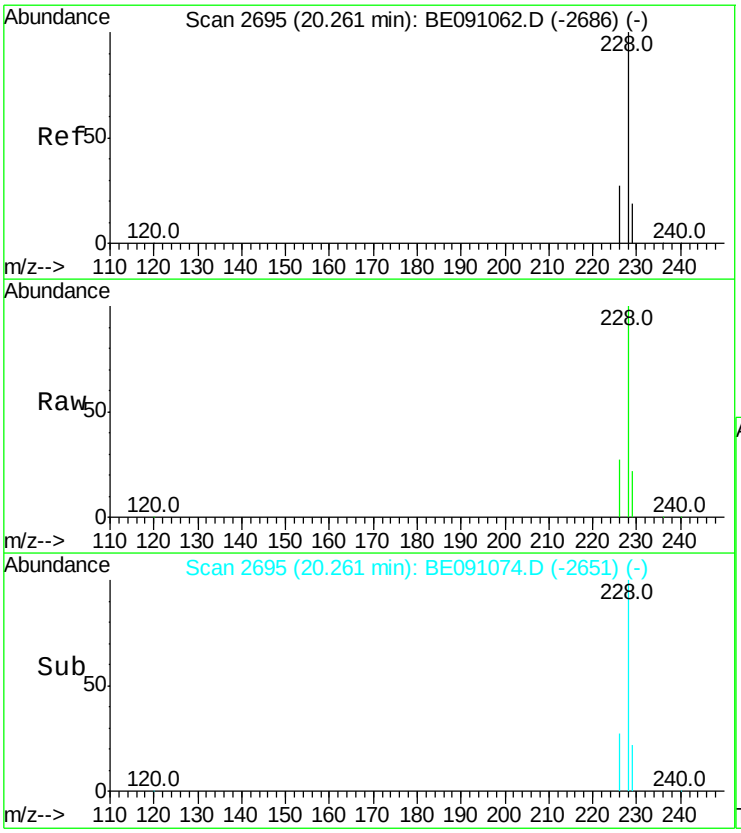
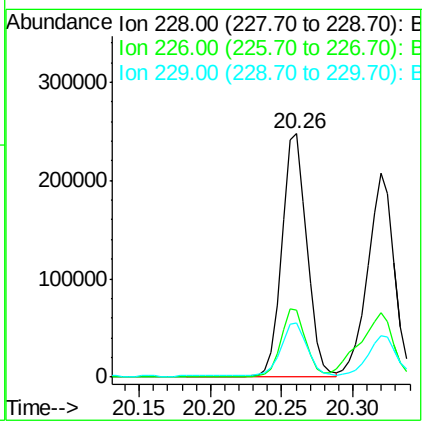
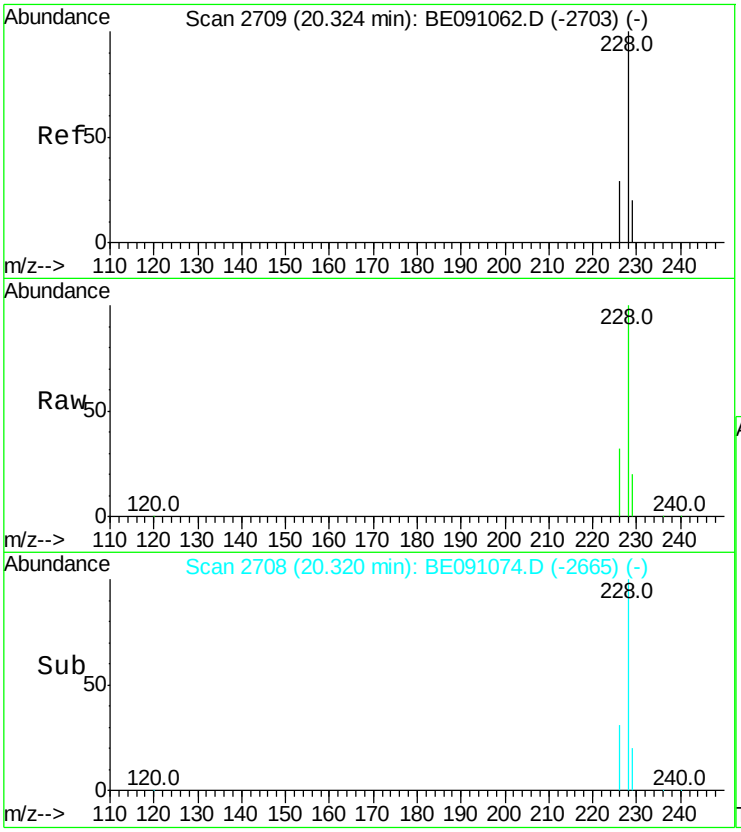


#20
Benzo(a)anthracene
Concen: 3.67 ng/ul
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:228 Resp: 295700

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	22.1	15.2	22.8

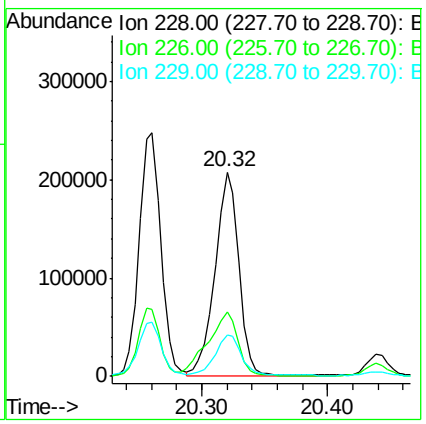




#21
Chrysene
Concen: 2.92 ng/ul
RT: 20.32 min Scan# 2708
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:228 Resp: 270904

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.2	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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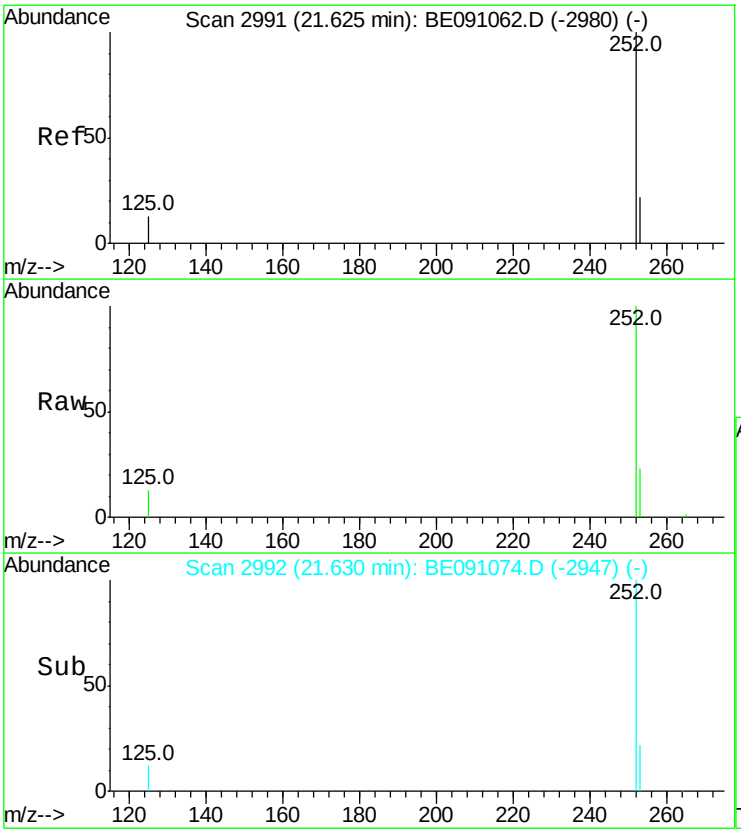
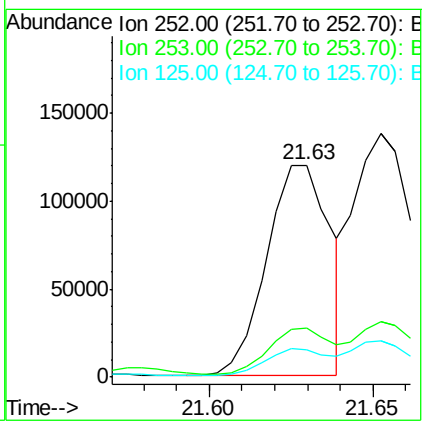
11/6/2015 3:45:22 PM

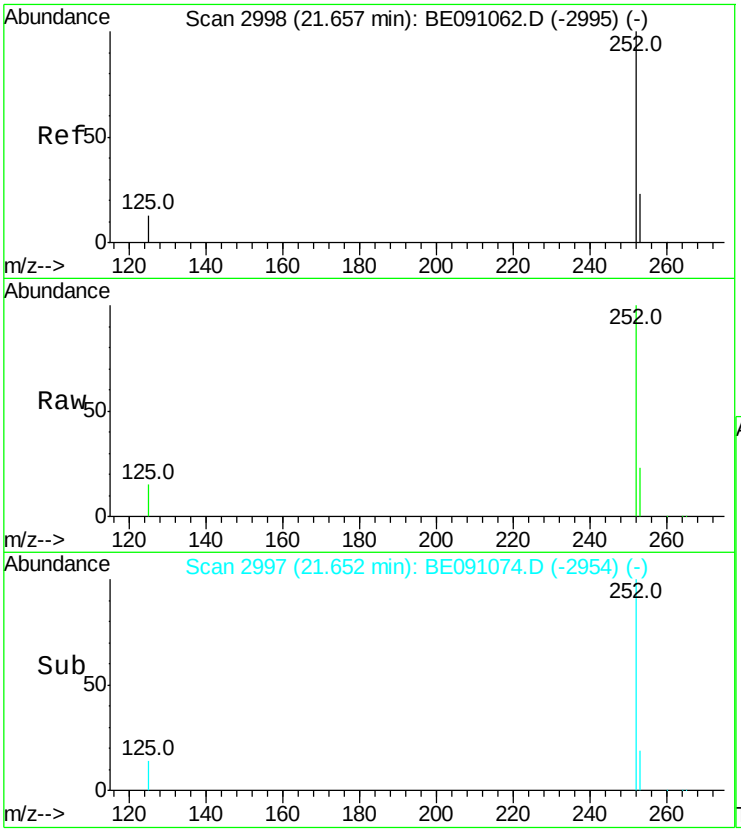


#23
Benzo(b)fluoranthene
Concen: 1.26 ng/ul
RT: 21.63 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:252 Resp: 161429

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.0
125	13.0	0.0	36.6

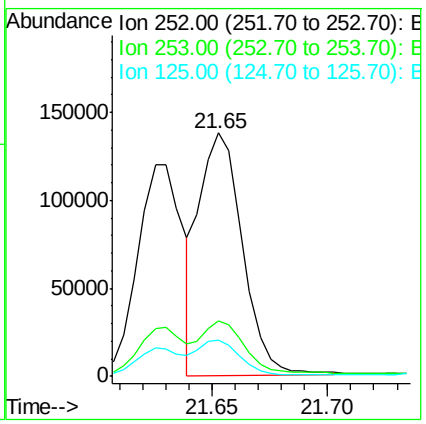




#24
Benzo(k)fluoranthene
Concen: 1.38 ng/ul m
RT: 21.65 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:252 Resp: 181428

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	14.8	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
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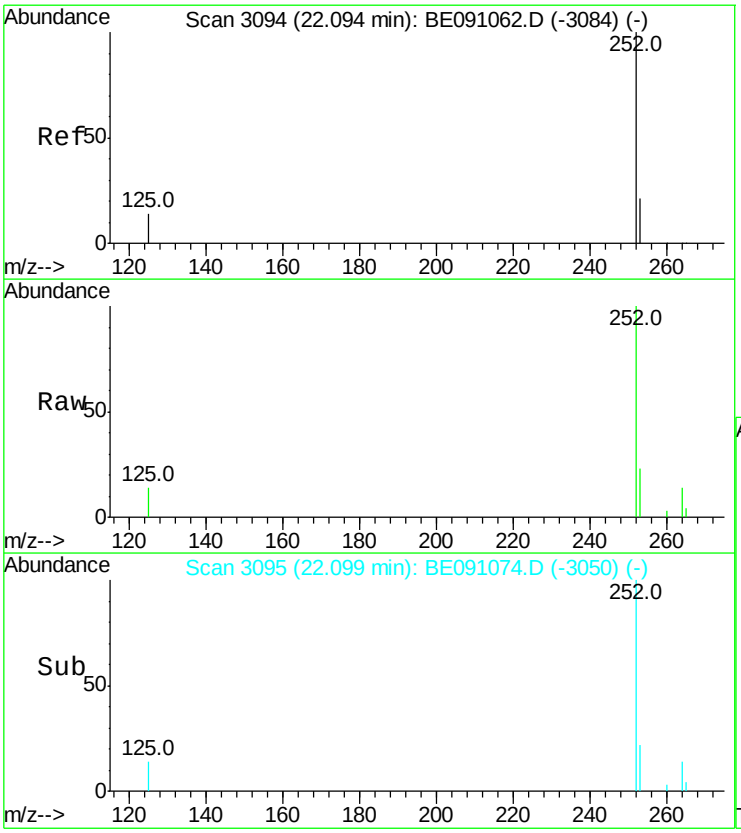
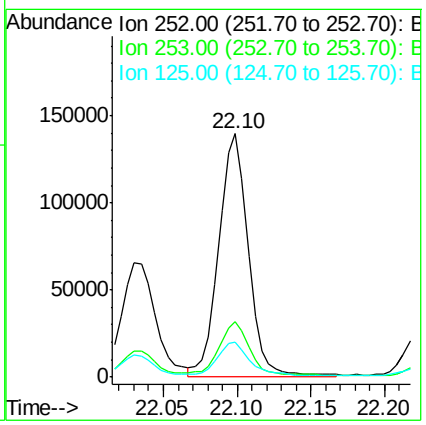
11/6/2015 3:45:22 PM

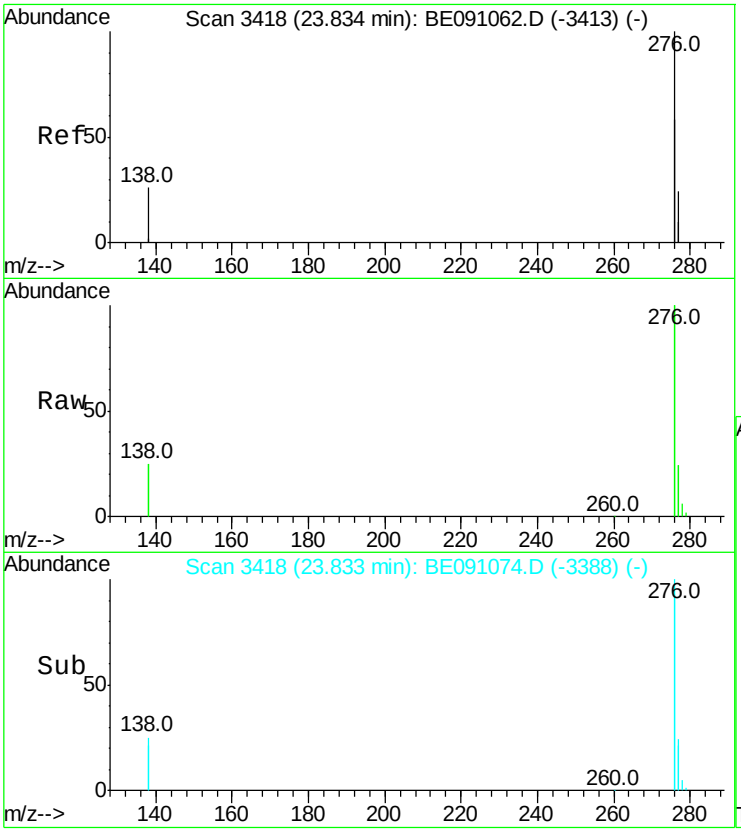


#25
Benzo(a)pyrene
Concen: 1.66 ng/ul m
RT: 22.10 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:252 Resp: 196481

Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.8	32.8
125	14.3	14.5	21.7#

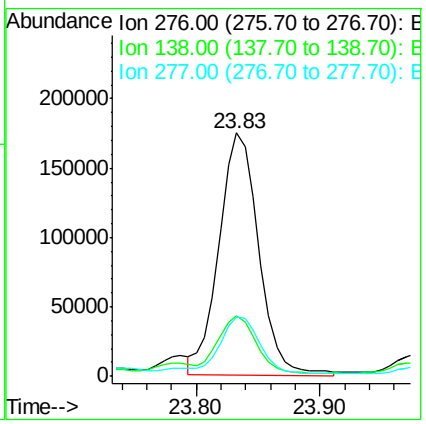




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.79 ng/ul m
RT: 23.83 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

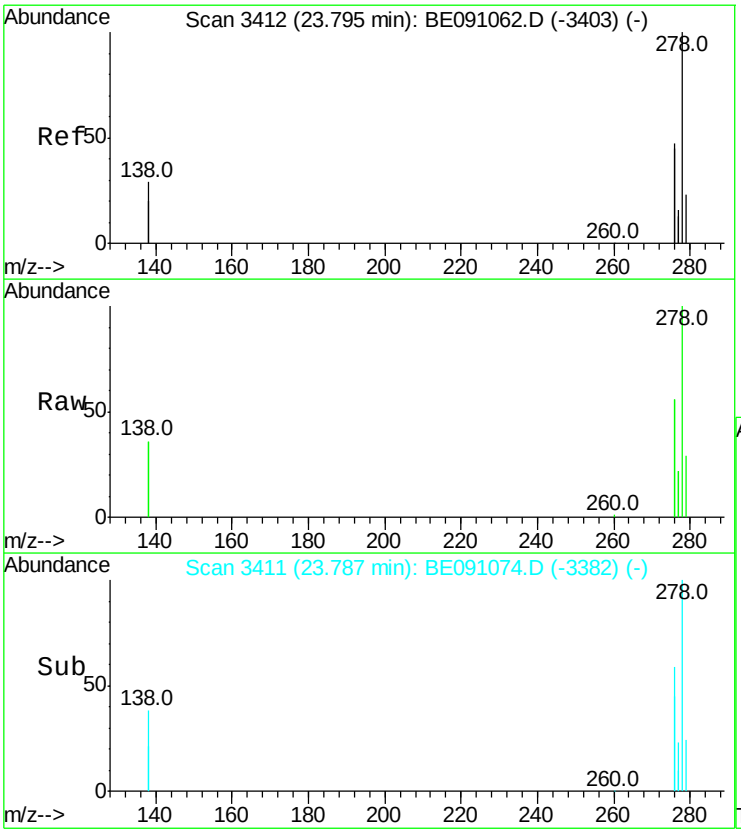
Tgt Ion:276 Resp: 393230

Ion	Ratio	Lower	Upper
276	100		
138	4.2	27.5	41.3#
277	5.0	19.3	28.9#



Instrument :
BNA_E
ClientSampleId :
C0AP7

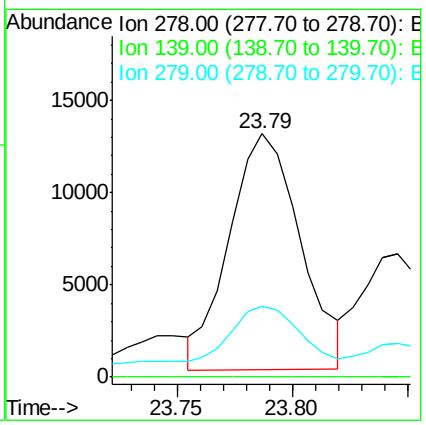
Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:22 PM

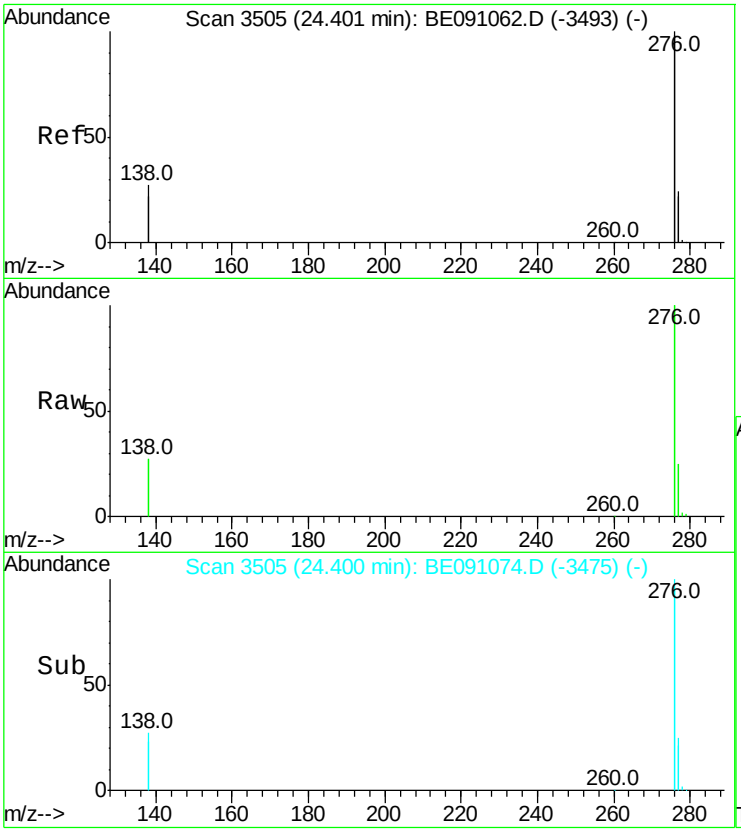


#27
Dibenzo(a,h)anthracene
Concen: 0.23 ng/ul m
RT: 23.79 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:278 Resp: 27598

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	29.1	21.9	32.9

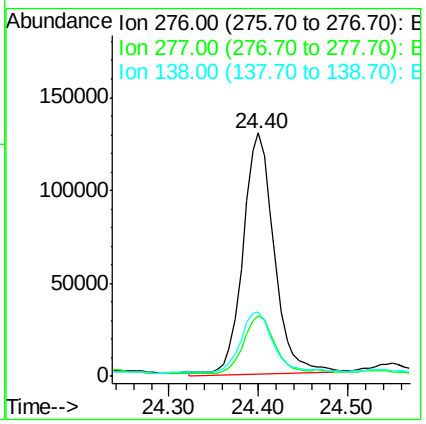




#28
Benzo(g,h,i)perylene
Concen: 0.61 ng/ul m
RT: 24.40 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BE091074.D
Acq: 5 Nov 2015 19:40

Tgt Ion:276 Resp: 317216

Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.3	31.9
138	26.5	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
C0AP7

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:45:22 PM