Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091083.D
Acq On : 6 Nov 2015 10:29
Operator : UM/NP
Sample : G4273-03DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:47:56 PM

Quant Time: Nov 09 13:48:02 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	3407	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18370	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10620	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	25553	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	28049	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	28670	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	3789	1.55	ng/uL	0.01
6) 2-Methylnaphthalene-d10	11.08	152	1473	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	4246	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	8115	0.18	ng/ul	99
7) 2-Methylnaphthalene	11.15	142	6056	0.21	ng/ul	99
9) Acenaphthylene	13.15	152	13926	0.26	ng/ul	100
10) Acenaphthene	13.46	153	79627	2.19	ng/ul	94
11) Fluorene	14.45	166	92596	1.98	ng/ul	88
14) Phenanthrene	16.17	178	851350	2.89	ng/ul	97
15) Anthracene	16.25	178	555281	2.07	ng/ul	99
17) Fluoranthene	18.15	202	1994597	5.78	ng/ul	89
19) Pyrene	18.54	202	1393494	4.37	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	144420	2.00	ng/ul	97
21) Chrysene	20.32	228	131232	1.58	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	76220	0.85	ng/ul	93
24) Benzo(k)fluoranthene	21.65	252	82837	0.90	ng/ul	95
25) Benzo(a)pyrene	22.09	252	92567m	1.12	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	172457m	0.50	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	13147	0.16	ng/ul#	74
28) Benzo(g,h,i)perylene	24.40	276	151978	0.42	ng/ul	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091083.D
Acq On : 6 Nov 2015 10:29
Operator : UM/NP
Sample : G4273-03DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 09 13:48:02 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 :
C0AN8DL

Manual Integrations APPROVED
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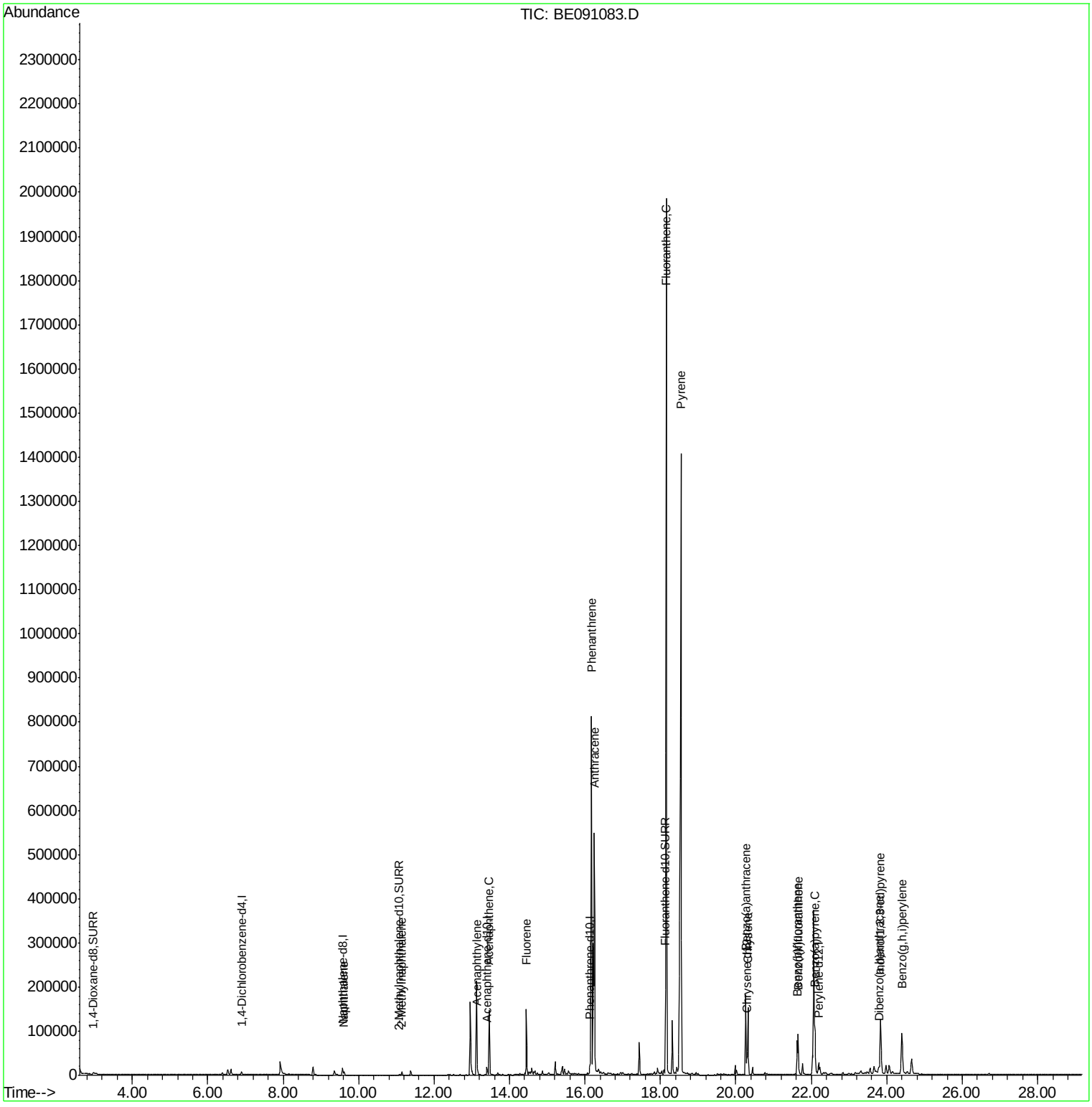
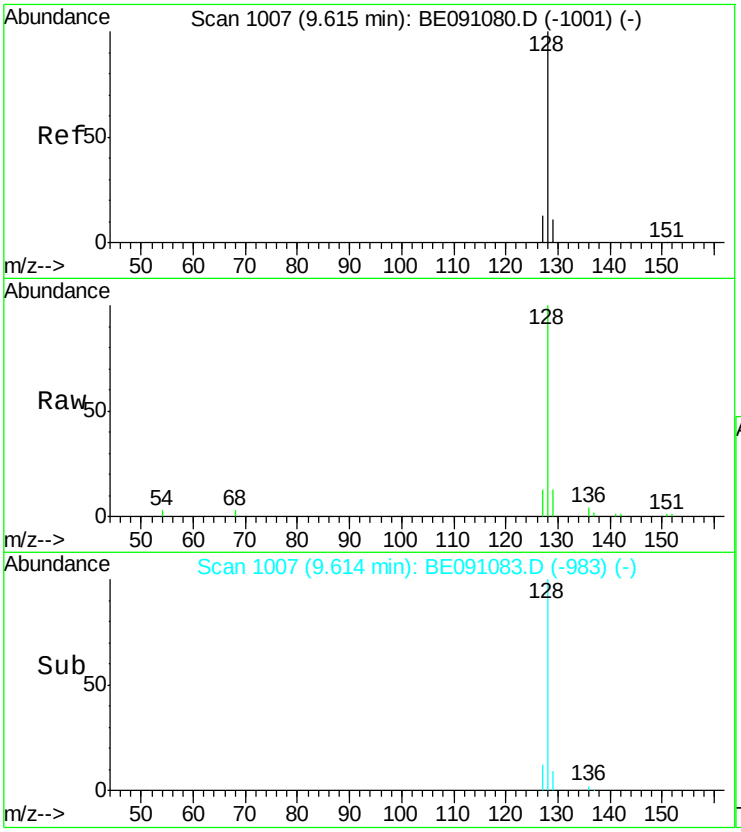
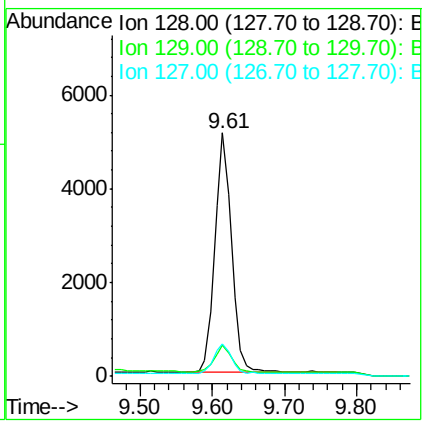




#5
Naphthalene
Concen: 0.18 ng/ul
RT: 9.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:128 Resp: 8115

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.8
127	13.5	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
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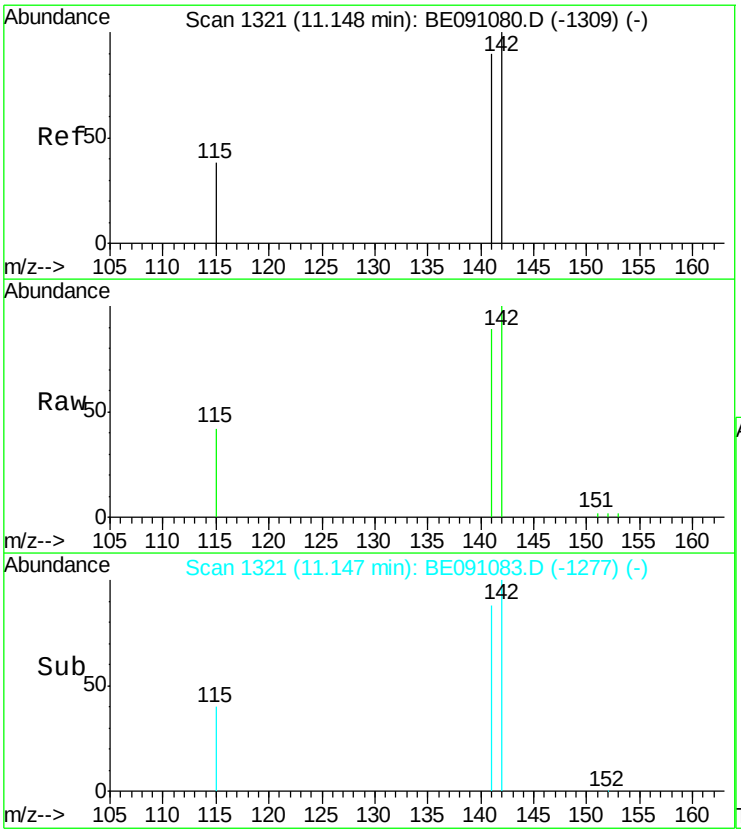
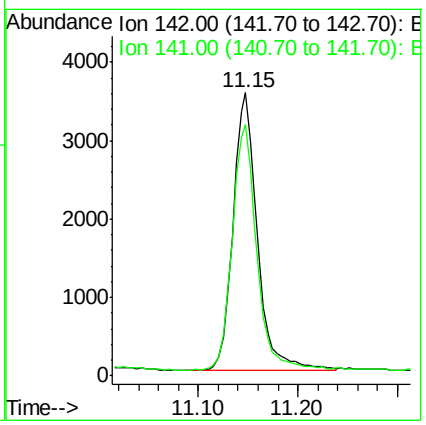
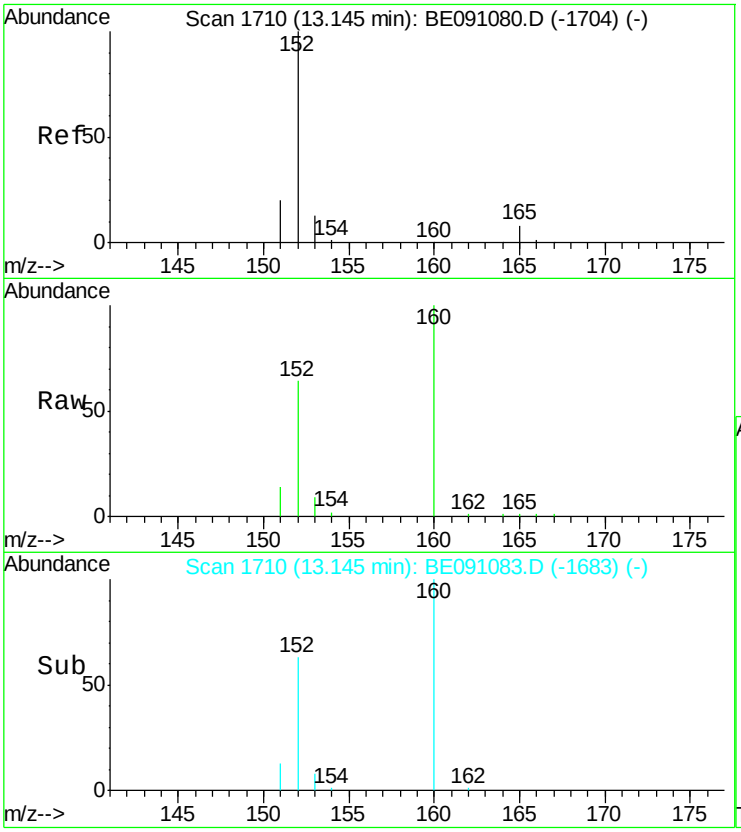


#7
2-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 11.15 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:142 Resp: 6056

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5

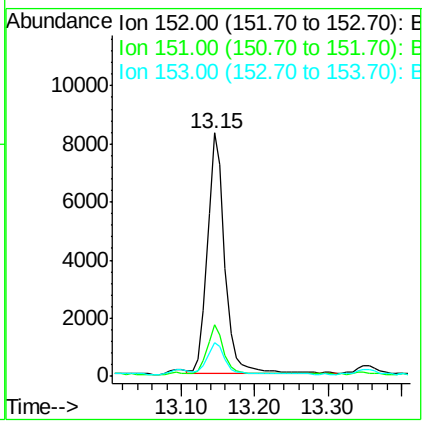




#9
Acenaphthylene
Concen: 0.26 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:152 Resp: 13926

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.8	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
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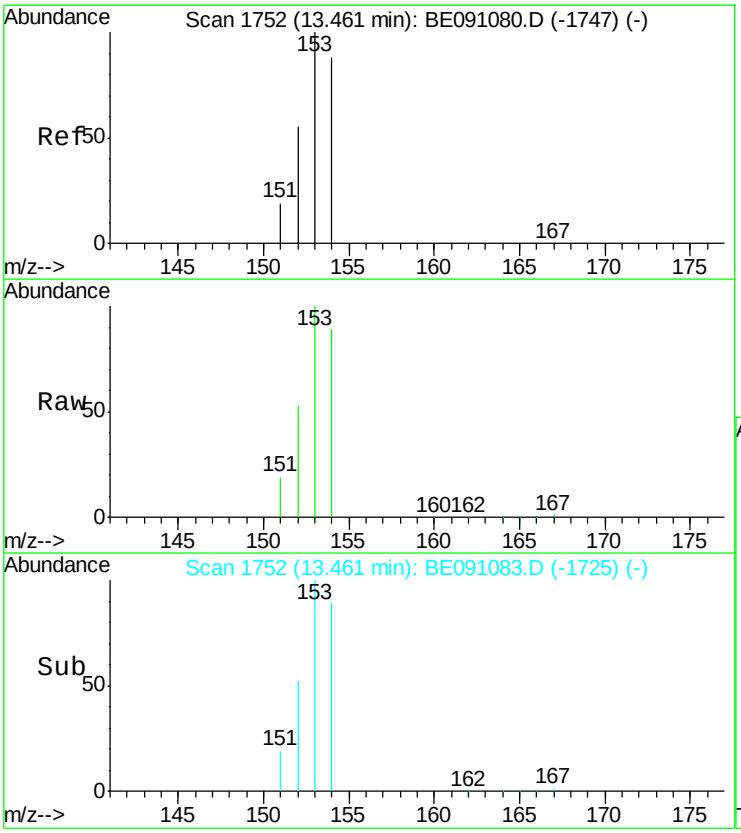
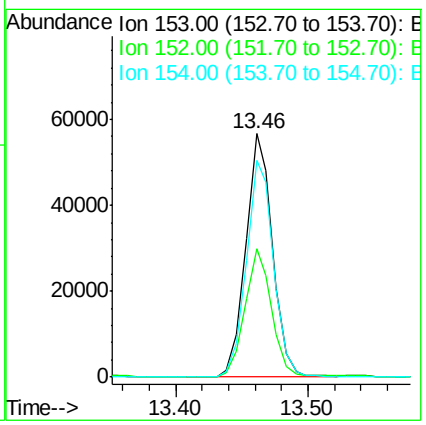
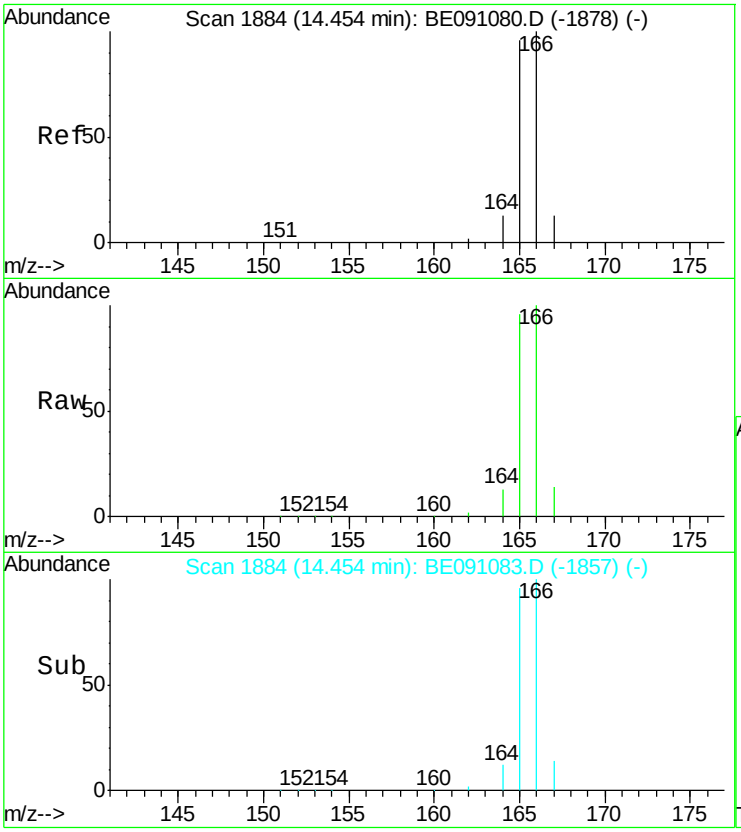


#10
Acenaphthene
Concen: 2.19 ng/ul
RT: 13.46 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:153 Resp: 79627

Ion	Ratio	Lower	Upper
153	100		
152	52.5	42.3	63.5
154	89.1	64.7	97.1

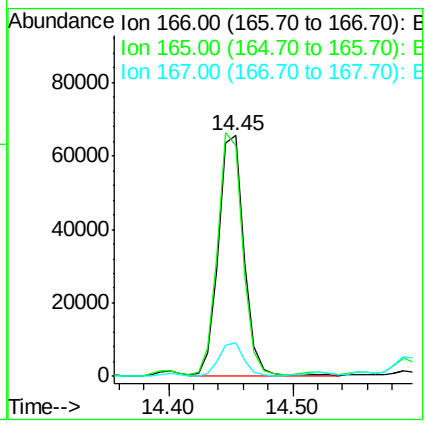




#11
Fluorene
Concen: 1.98 ng/ul
RT: 14.45 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:166 Resp: 92596

Ion	Ratio	Lower	Upper
166	100		
165	95.7	87.6	131.4
167	13.8	11.1	16.7



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
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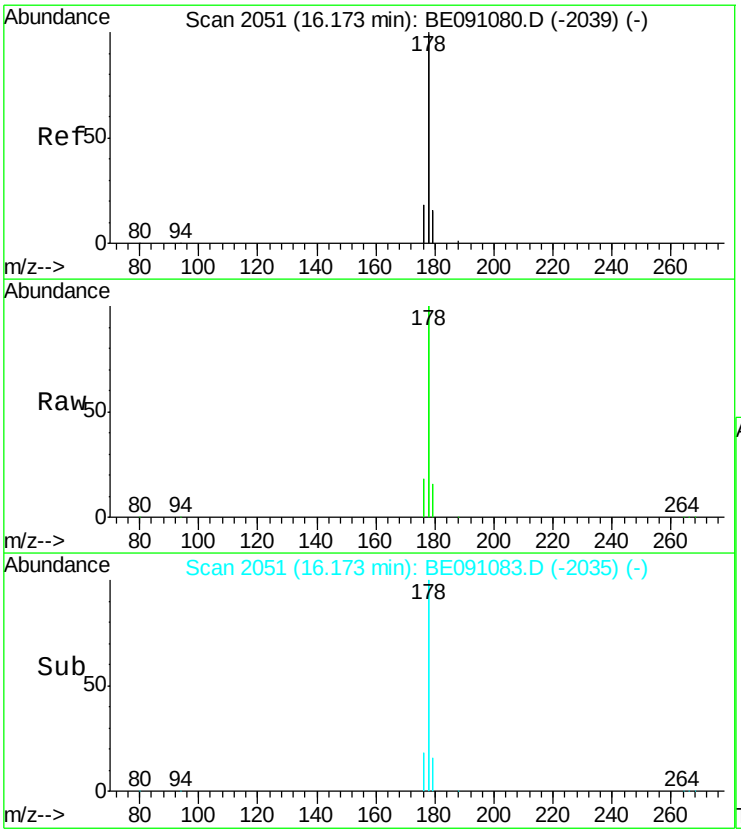
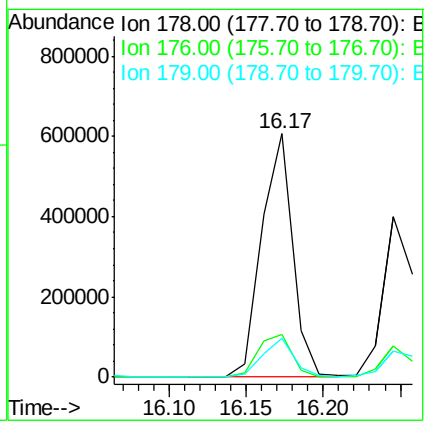
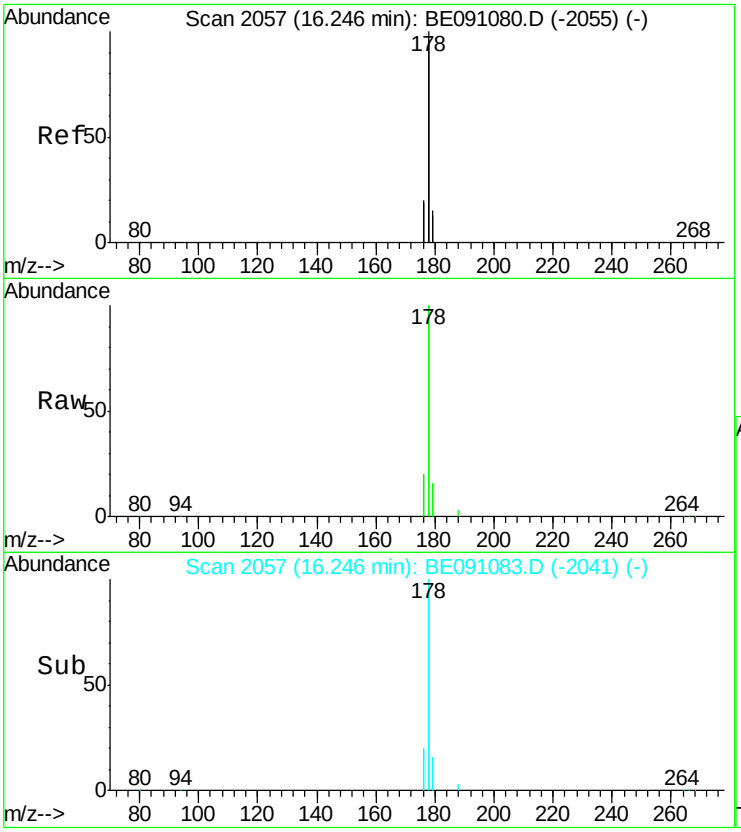


#14
Phenanthrene
Concen: 2.89 ng/ul
RT: 16.17 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:178 Resp: 851350

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.2	24.4
179	16.2	12.8	19.2

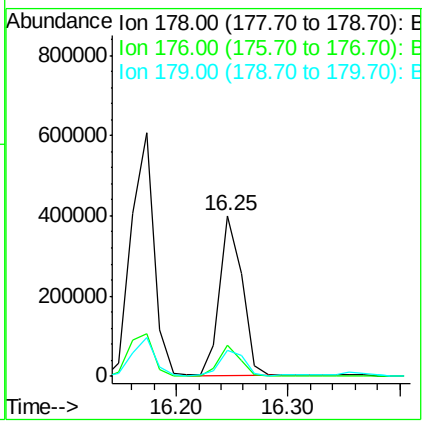




#15
Anthracene
Concen: 2.07 ng/ul
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:178 Resp: 555281

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
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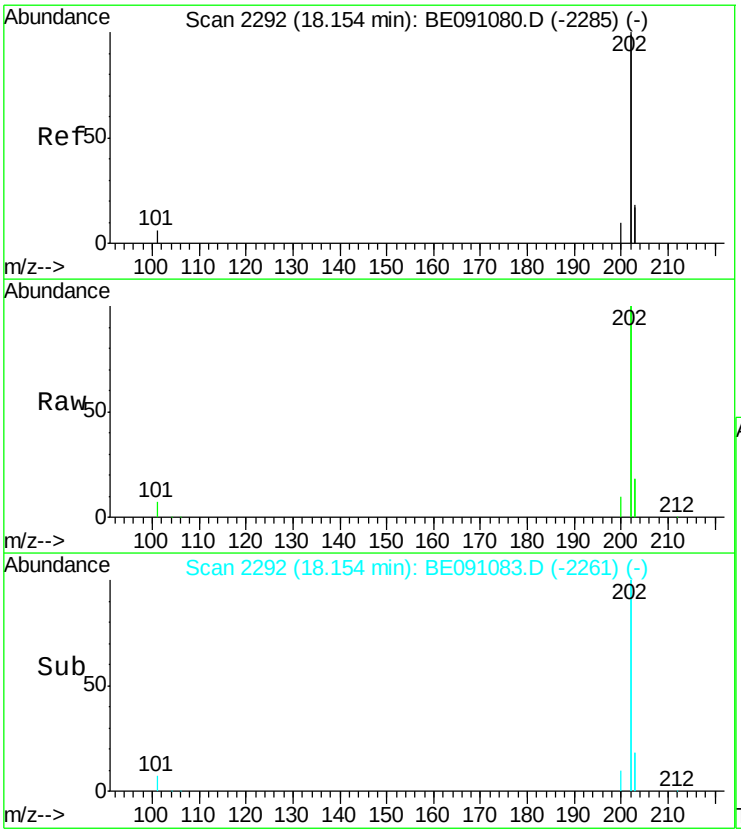
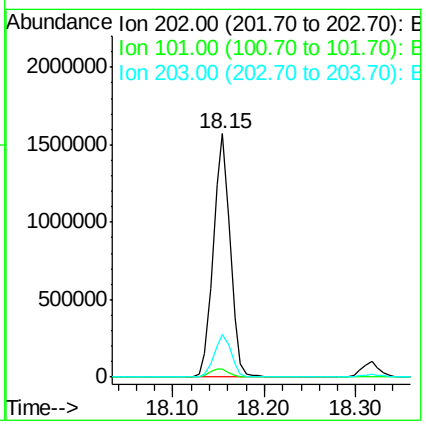
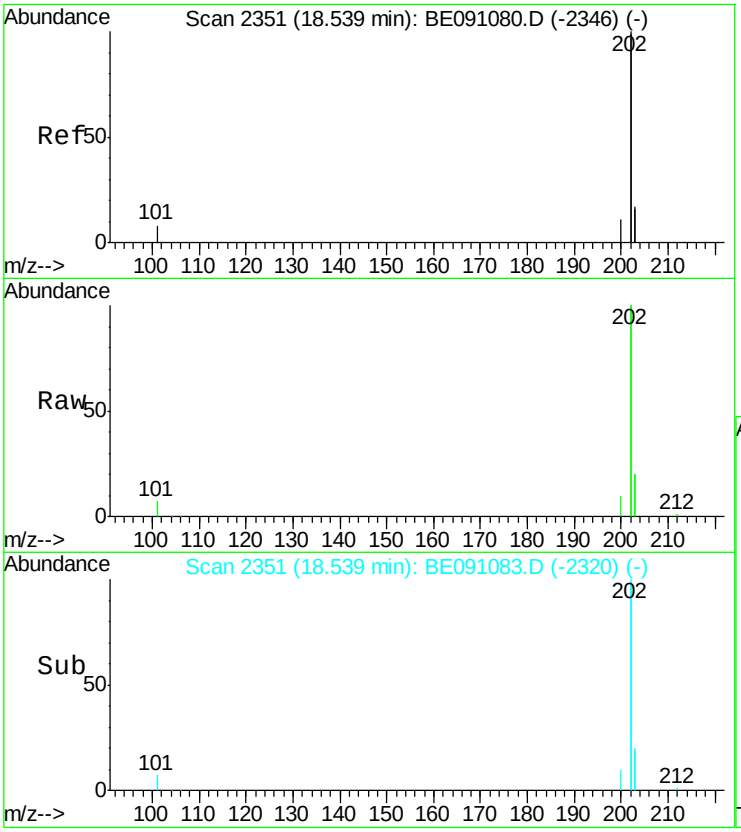


#17
Fluoranthene
Concen: 5.78 ng/ul
RT: 18.15 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:202 Resp: 1994597

Ion	Ratio	Lower	Upper
202	100		
101	3.3	0.0	33.1
203	17.7	0.0	37.2

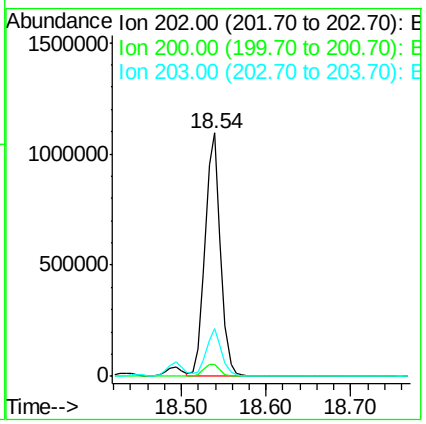




#19
Pyrene
Concen: 4.37 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:202 Resp: 1393494

Ion	Ratio	Lower	Upper
202	100		
200	5.1	18.0	27.0#
203	19.7	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
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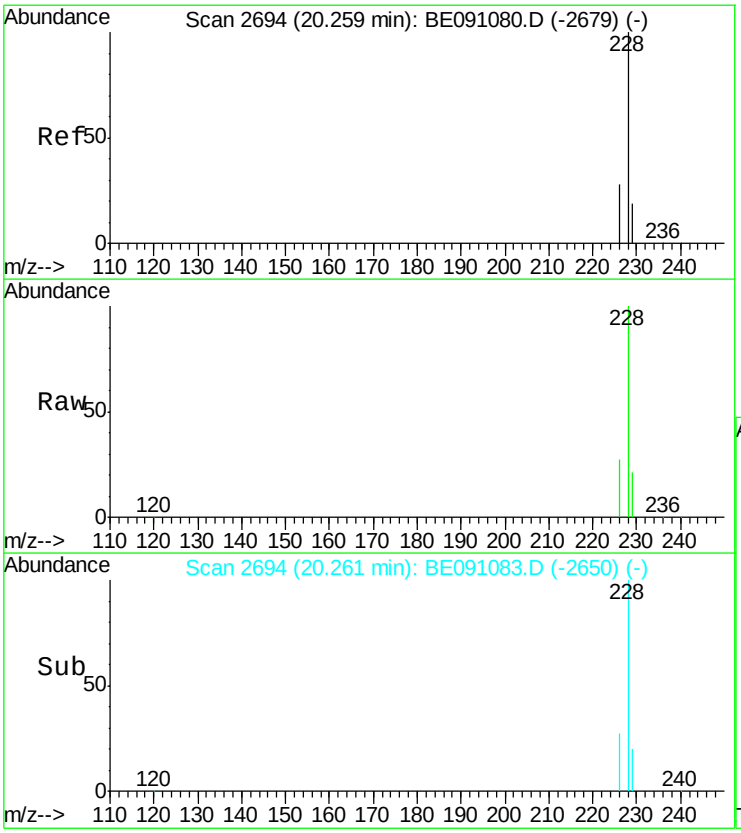
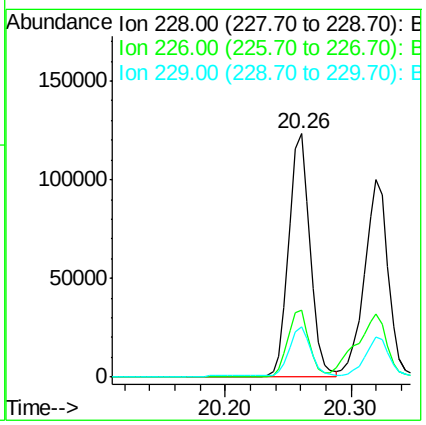
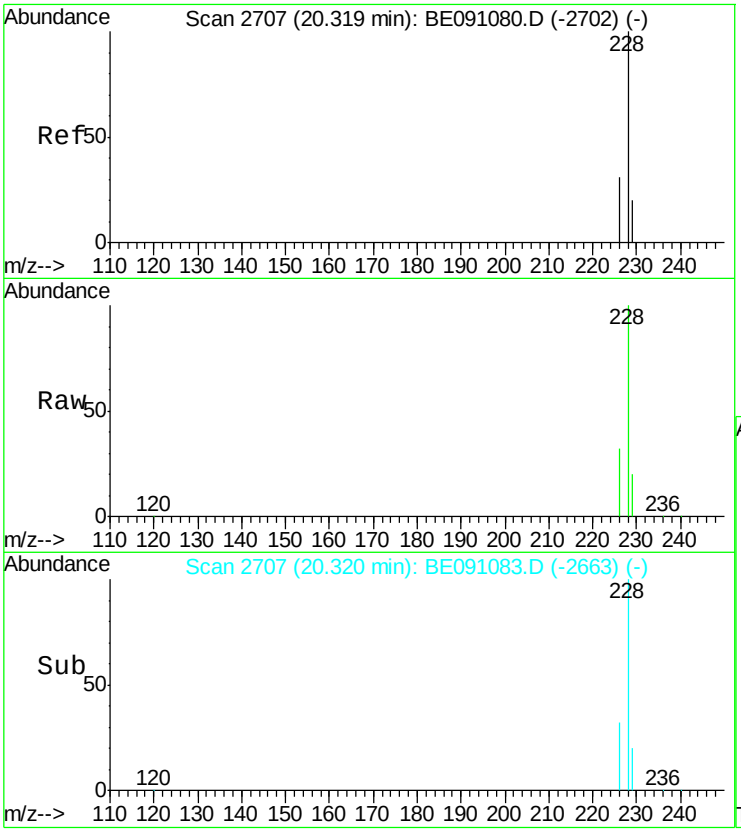


#20
Benzo(a)anthracene
Concen: 2.00 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:228 Resp: 144420

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.6	15.2	22.8

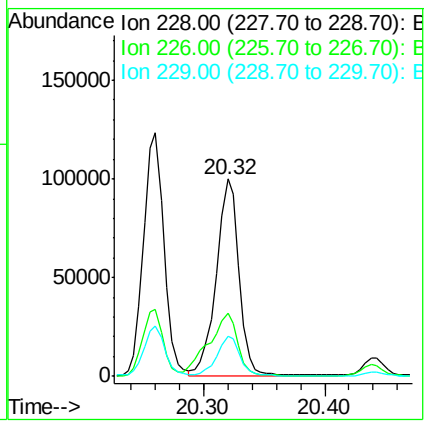




#21
Chrysene
Concen: 1.58 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. 0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:228 Resp: 131232

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	20.3	15.2	22.8



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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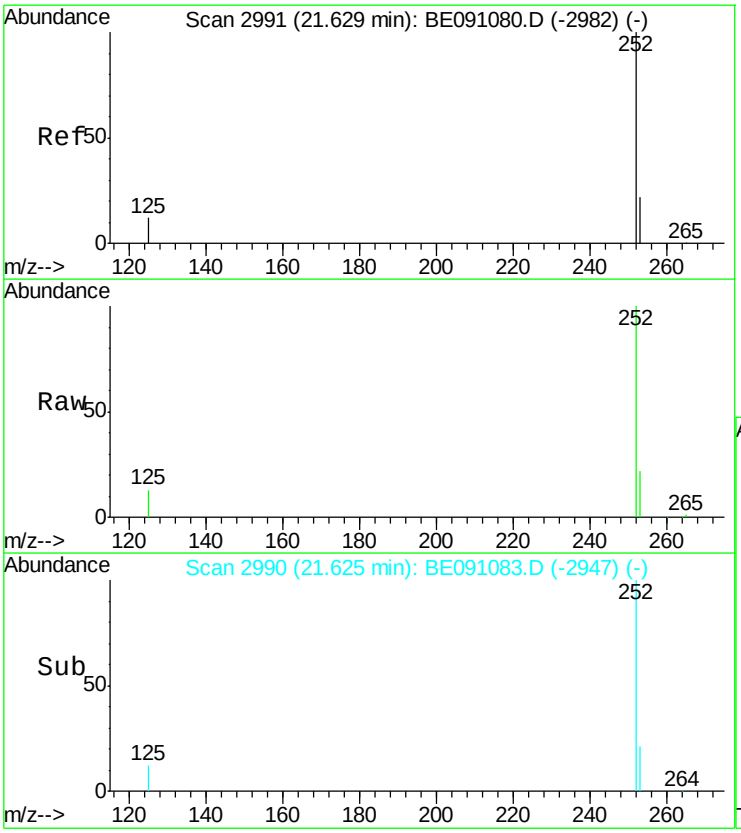
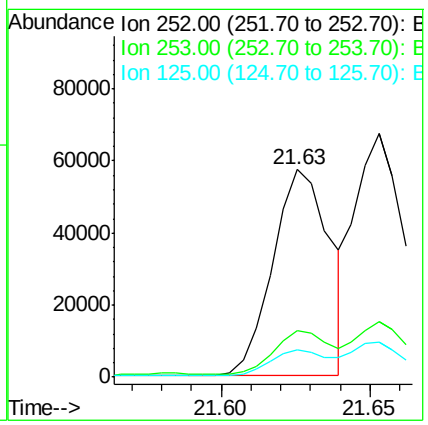
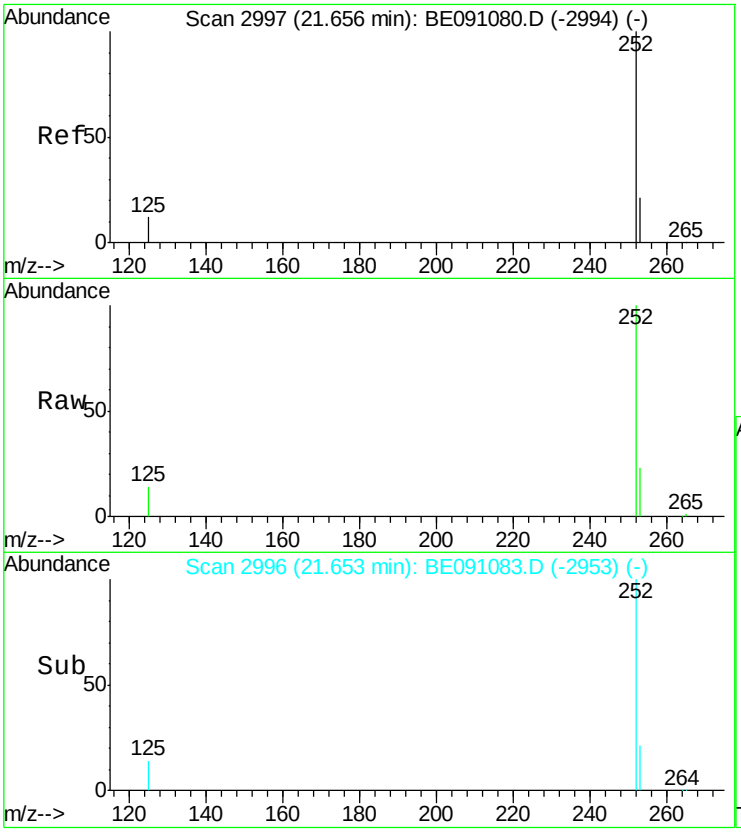


#23
Benzo(b)fluoranthene
Concen: 0.85 ng/ul
RT: 21.63 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:252 Resp: 76220

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	48.0
125	12.9	0.0	36.6

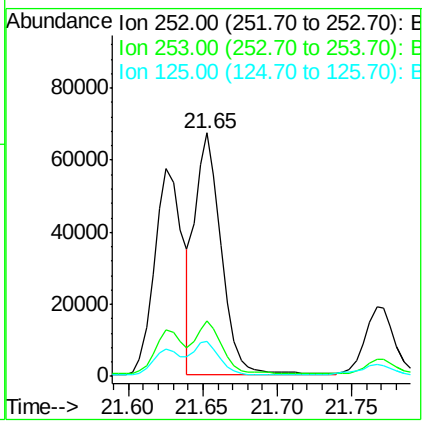




#24
Benzo(k)fluoranthene
Concen: 0.90 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:252 Resp: 82837

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.8	31.2
125	14.5	12.2	18.4



Instrument :
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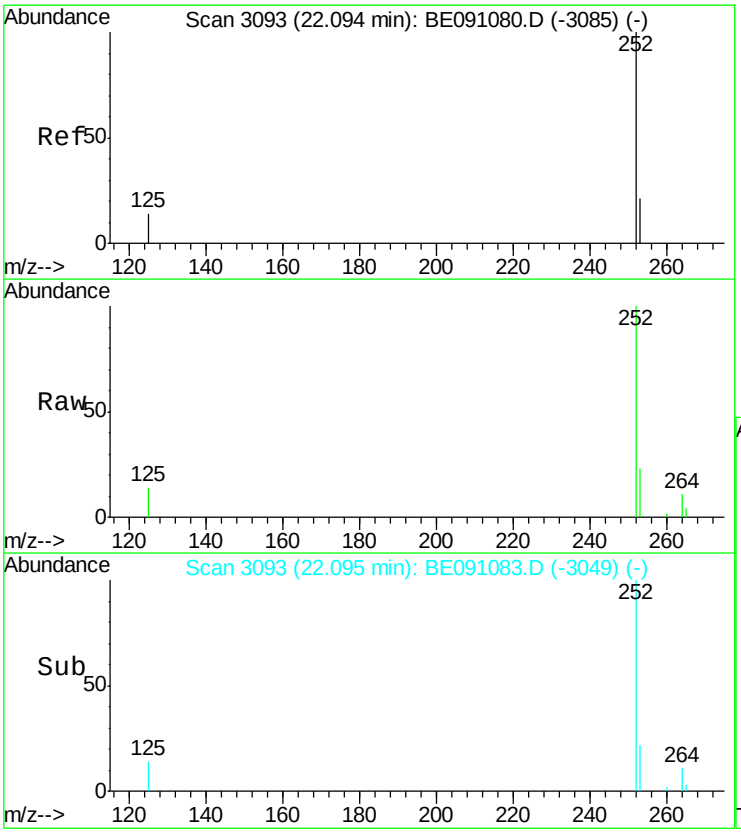
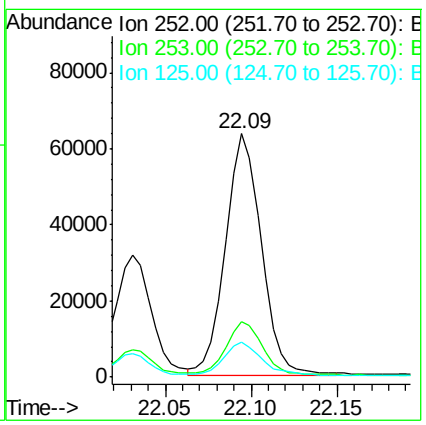
11/9/2015 6:47:56 PM

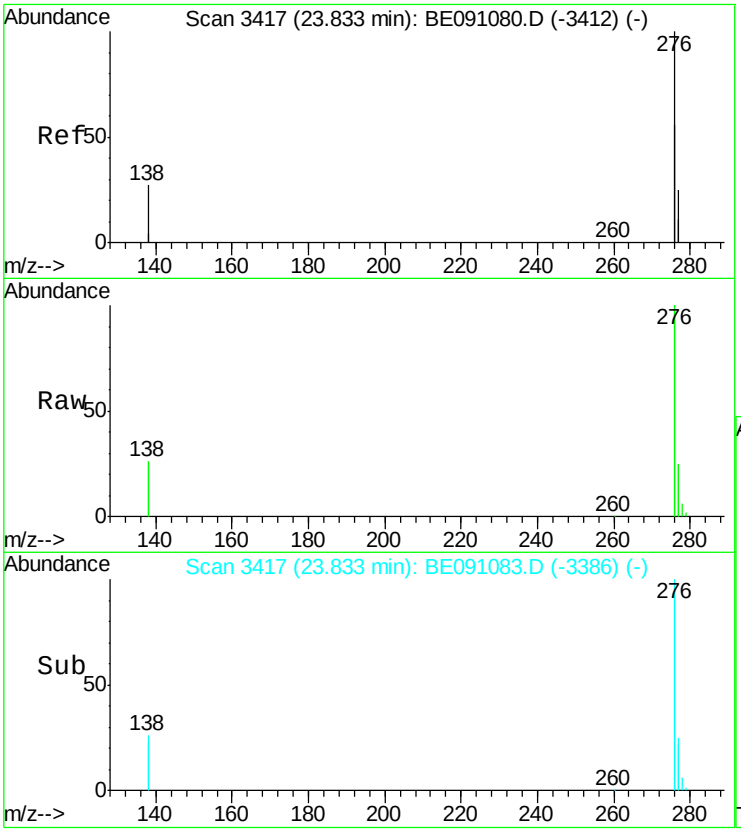


#25
Benzo(a)pyrene
Concen: 1.12 ng/ul m
RT: 22.09 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:252 Resp: 92567

Ion	Ratio	Lower	Upper
252	100		
253	22.6	21.8	32.8
125	14.3	14.5	21.7#

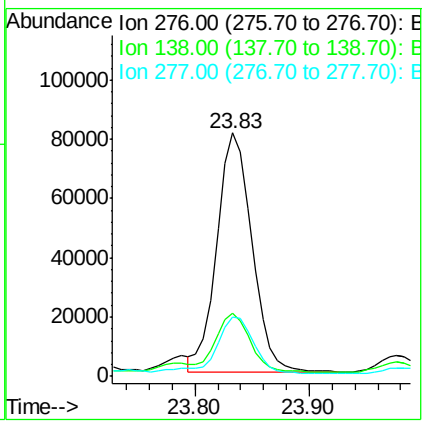




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

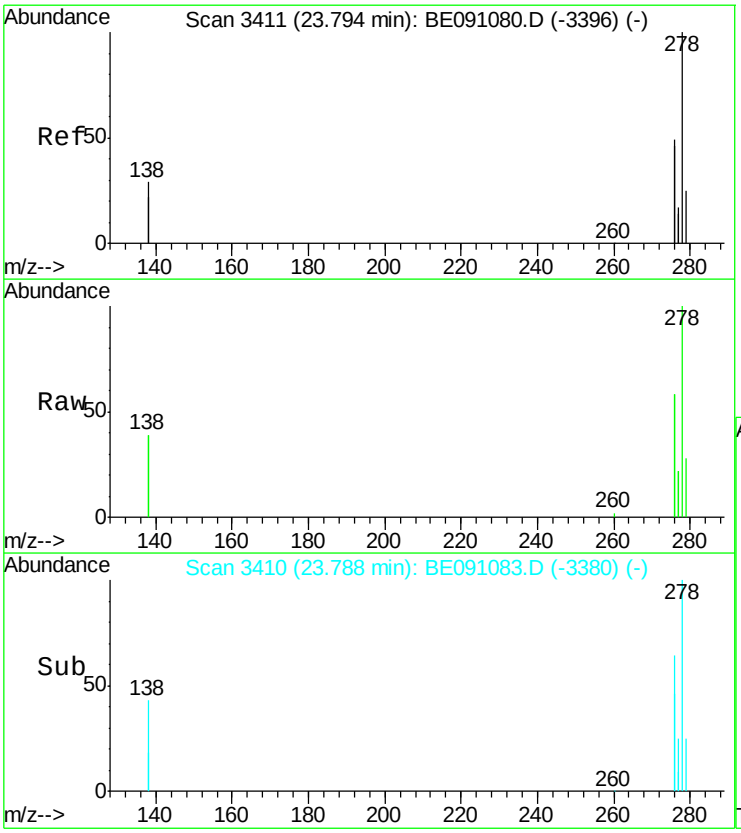
Tgt Ion:276 Resp: 172457

Ion	Ratio	Lower	Upper
276	100		
138	24.1	27.5	41.3#
277	26.2	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

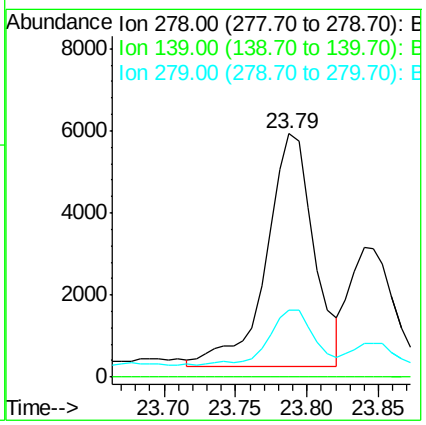
Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:47:56 PM

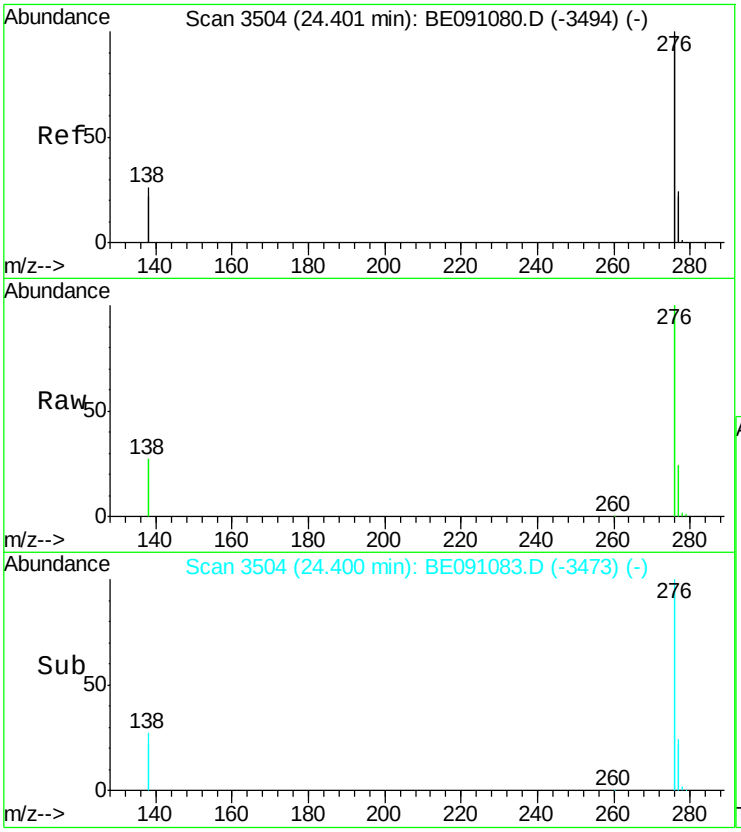


#27
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:278 Resp: 13147

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	27.6	21.9	32.9

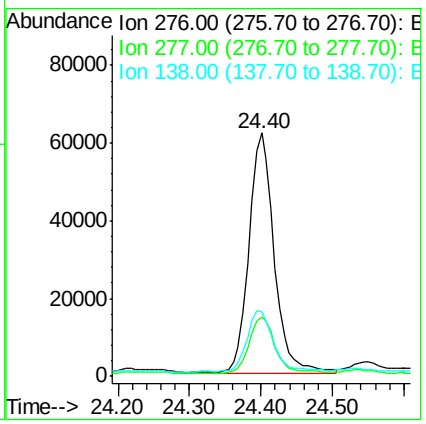




#28
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 24.40 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BE091083.D
Acq: 6 Nov 2015 10:29

Tgt Ion:276 Resp: 151978

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.3	31.9
138	26.7	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
C0AN8DL

Manual Integrations APPROVED
Mmdadoda
11/9/2015 6:47:56 PM