Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112415\
Data File : BE091319.D
Acq On : 24 Nov 2015 11:17
Operator : UM/NP
Sample : G4345-06RXDL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4J48RXDL

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:36:26 PM

Quant Time: Nov 24 12:02:30 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 : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2043	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	9491	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	4633	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	13439	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	15776	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	13844	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	1242	0.85	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.08	152	241	0.02	ng/ul	0.02
16) Fluoranthene-d10	18.06	212	675	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	910	0.04	ng/ul#	75
9) Acenaphthylene	13.12	152	1583	0.07	ng/ul#	93
10) Acenaphthene	13.42	153	1295	0.08	ng/ul#	83
11) Fluorene	14.41	166	1805	0.09	ng/ul#	93
14) Phenanthrene	16.11	178	141556	0.91	ng/ul	97
15) Anthracene	16.20	178	30413	0.22	ng/ul	97
17) Fluoranthene	18.09	202	264472	1.46	ng/ul	90
19) Pyrene	18.47	202	254586	1.42	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	24302m	0.60	ng/ul	
21) Chrysene	20.26	228	32479	0.70	ng/ul	99
23) Benzo(b)fluoranthene	21.55	252	24891	0.58	ng/ul	95
24) Benzo(k)fluoranthene	21.57	252	23974	0.54	ng/ul	95
25) Benzo(a)pyrene	22.01	252	27605	0.69	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	60807	0.36	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	4485	0.11	ng/ul#	71
28) Benzo(g,h,i)perylene	24.26	276	68357	0.39	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112415\
Data File : BE091319.D
Acq On : 24 Nov 2015 11:17
Operator : UM/NP
Sample : G4345-06RXDL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 24 12:02:30 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 : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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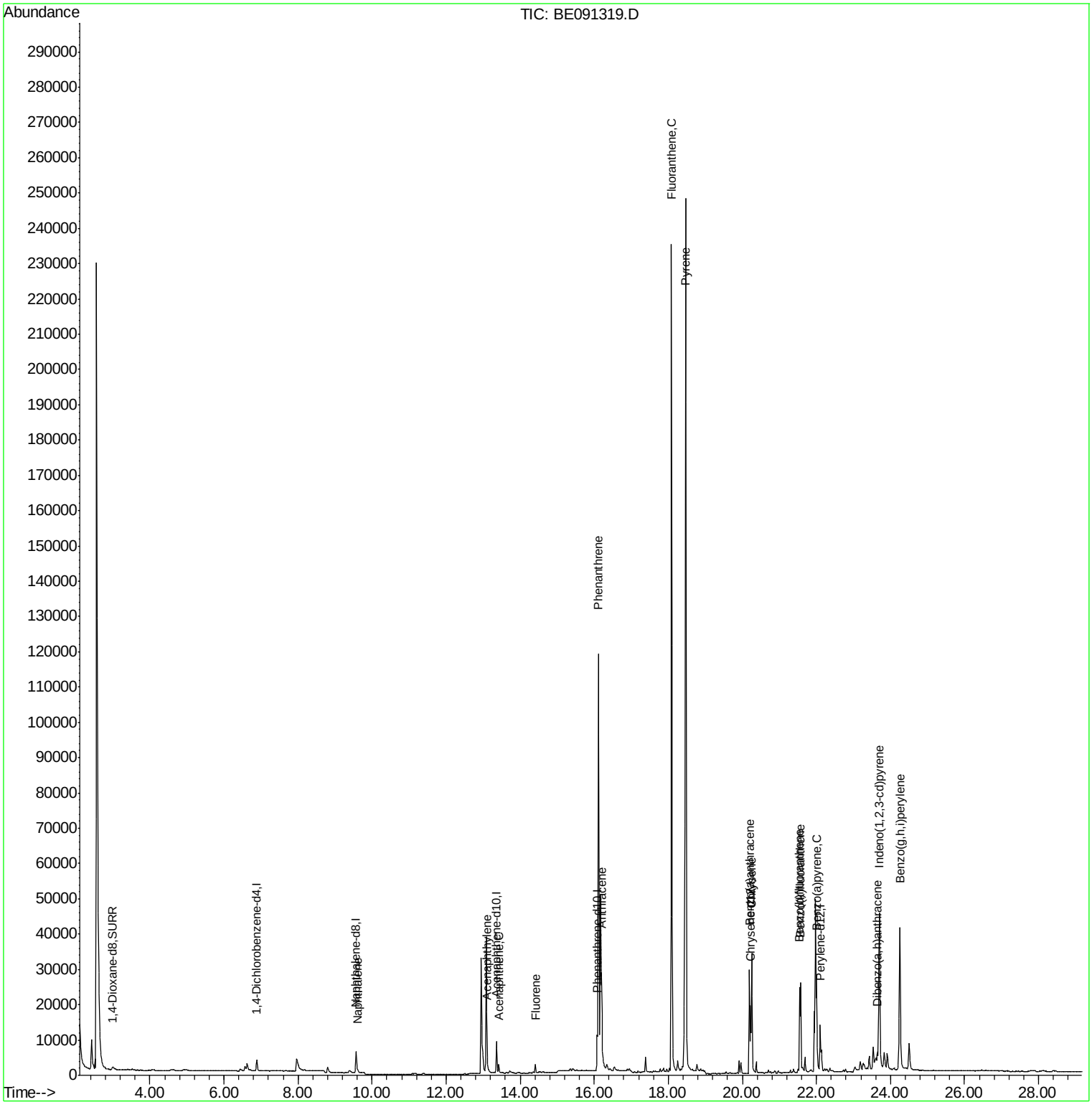
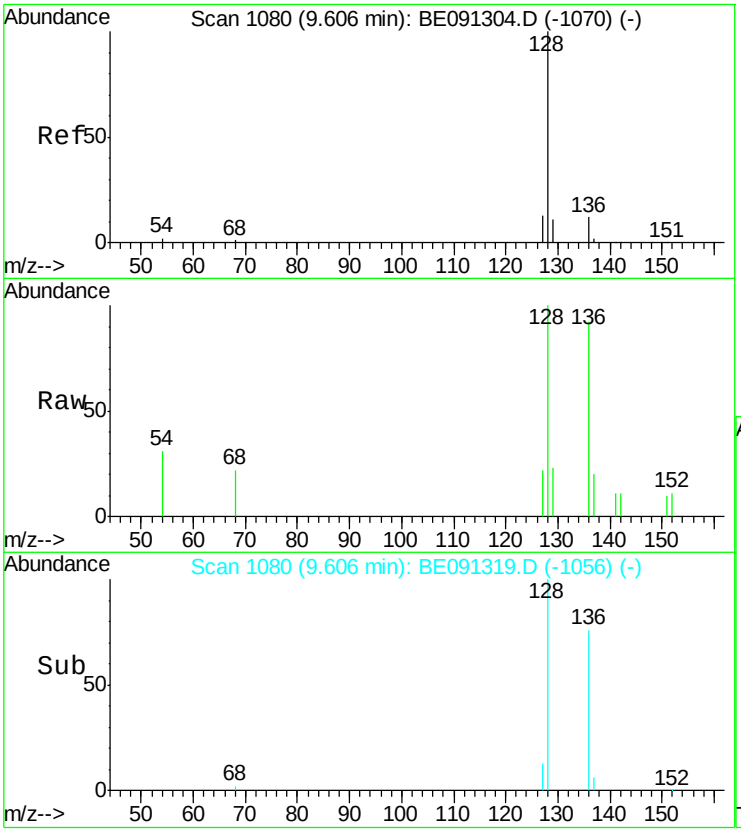
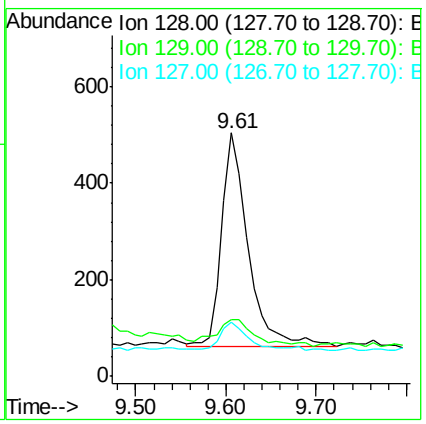




#5
Naphthalene
Concen: 0.04 ng/ul
RT: 9.61 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:128 Resp: 910

Ion	Ratio	Lower	Upper
128	100		
129	23.4	9.8	14.8#
127	22.2	10.7	16.1#



Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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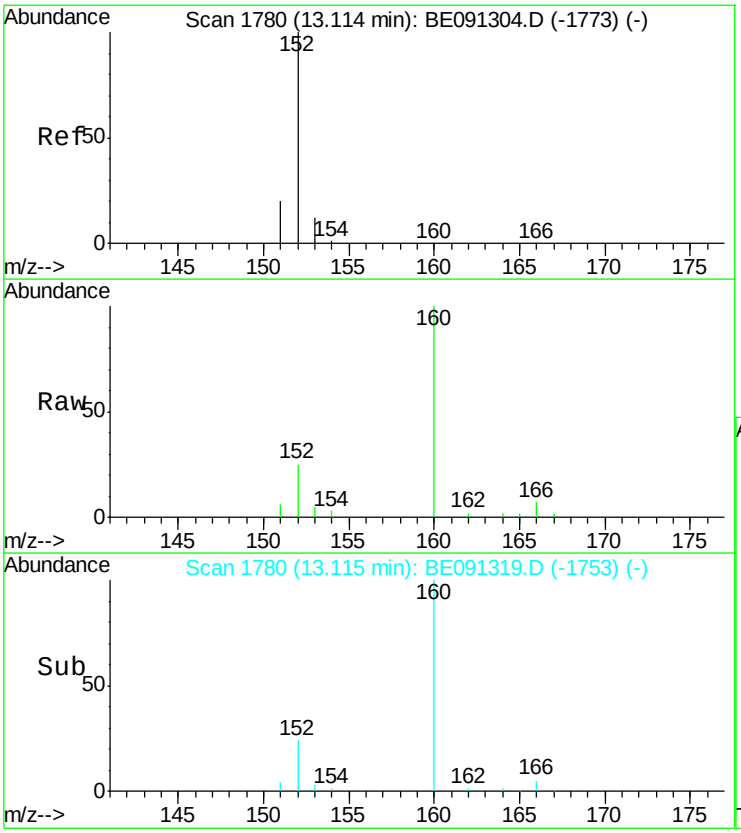
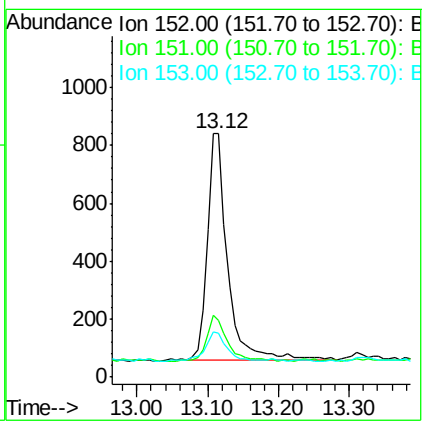
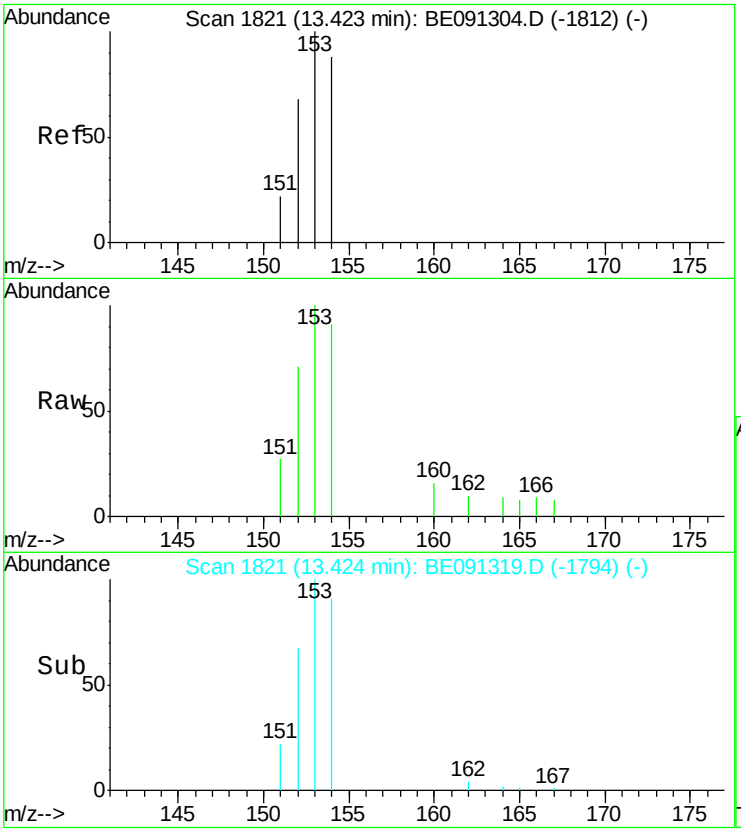


#9
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.12 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:152 Resp: 1583

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.8	25.2
153	18.3	11.3	16.9#





#10
Acenaphthene
Concen: 0.08 ng/ul
RT: 13.42 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:153 Resp: 1295

Ion	Ratio	Lower	Upper
153	100		
152	70.9	42.3	63.5#
154	91.5	64.7	97.1

Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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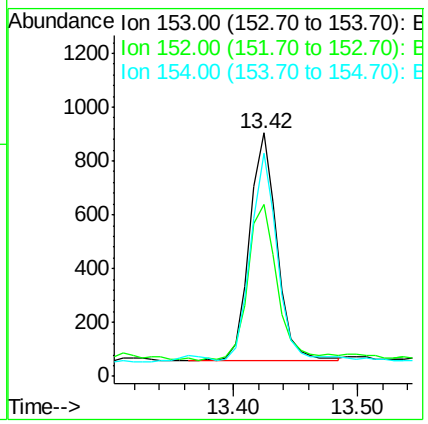
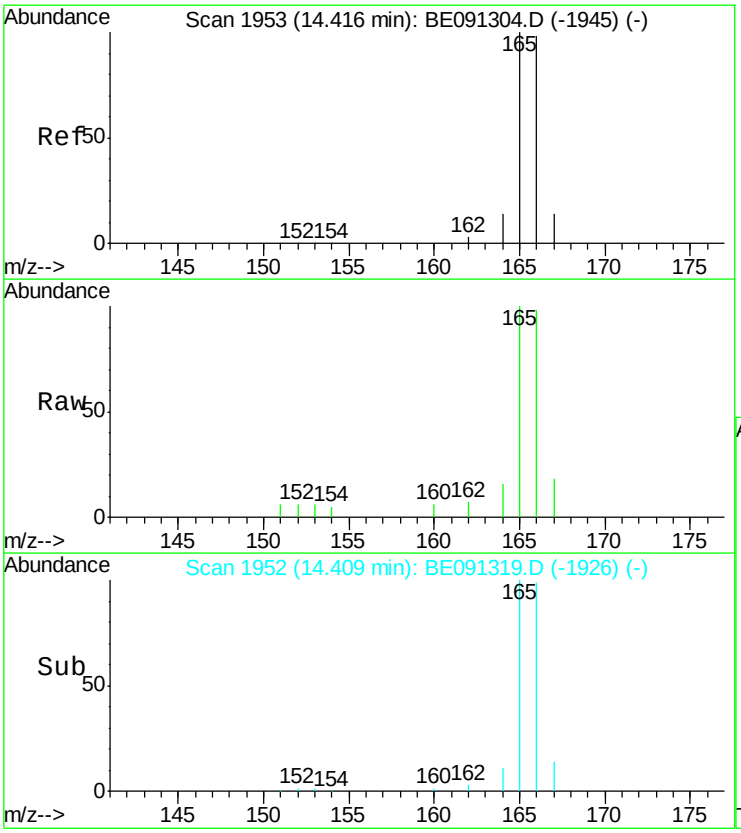
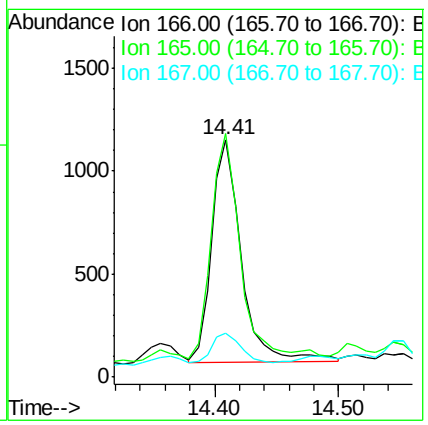


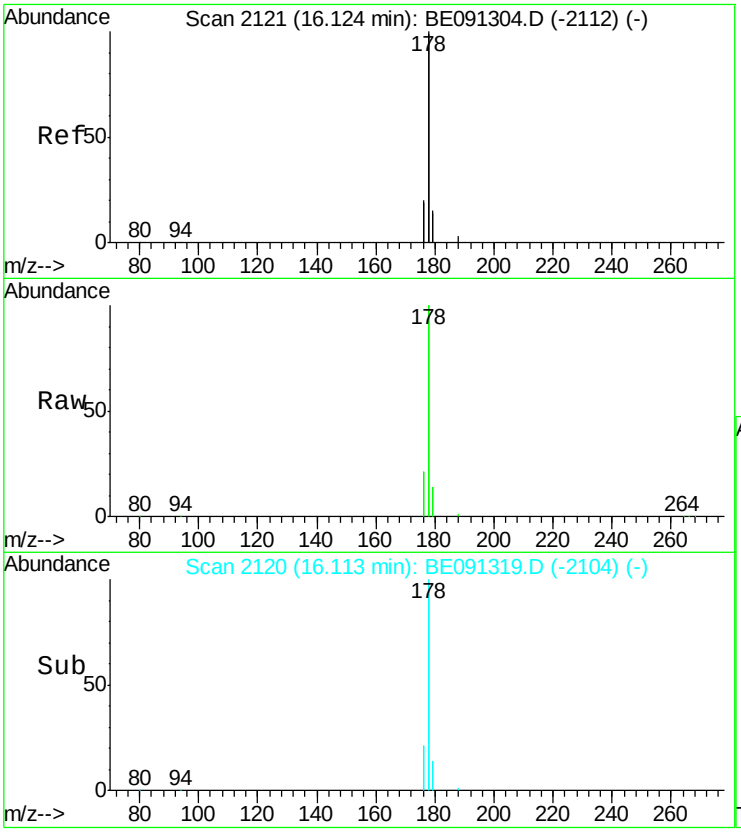


#11
Fluorene
Concen: 0.09 ng/ul
RT: 14.41 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:166 Resp: 1805

Ion	Ratio	Lower	Upper
166	100		
165	102.4	87.6	131.4
167	18.6	11.1	16.7#

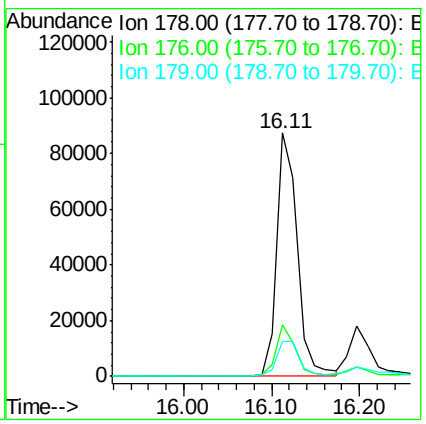




#14
Phenanthrene
Concen: 0.91 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:178 Resp: 141556

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	14.4	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

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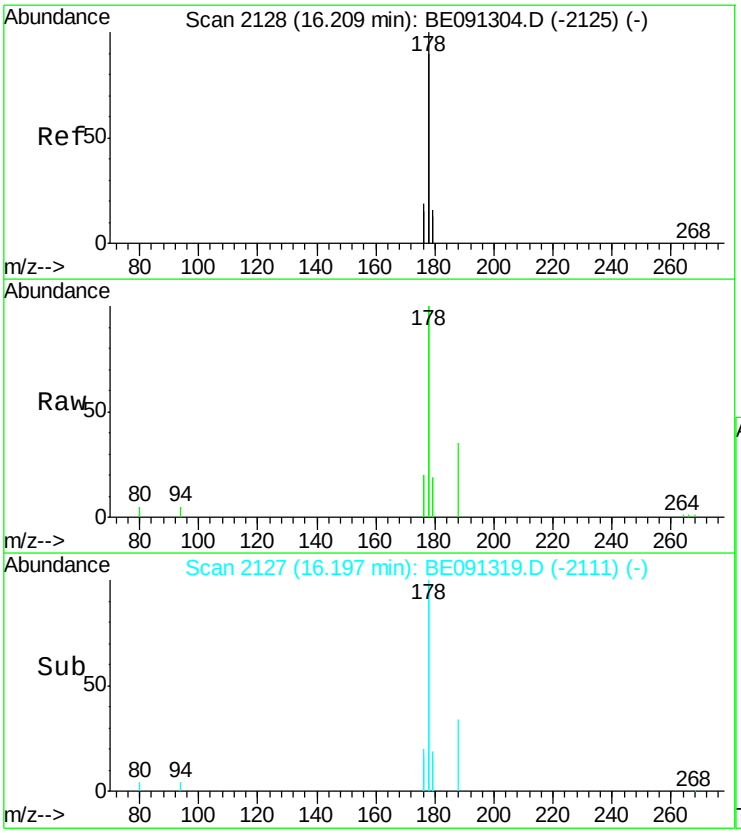
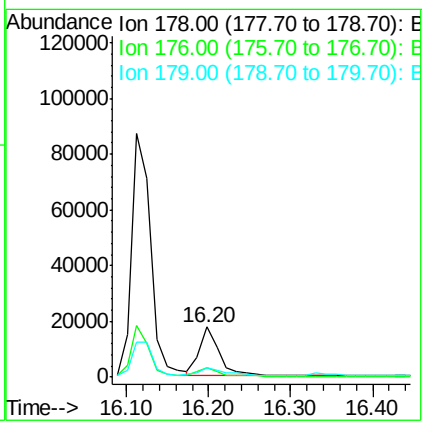
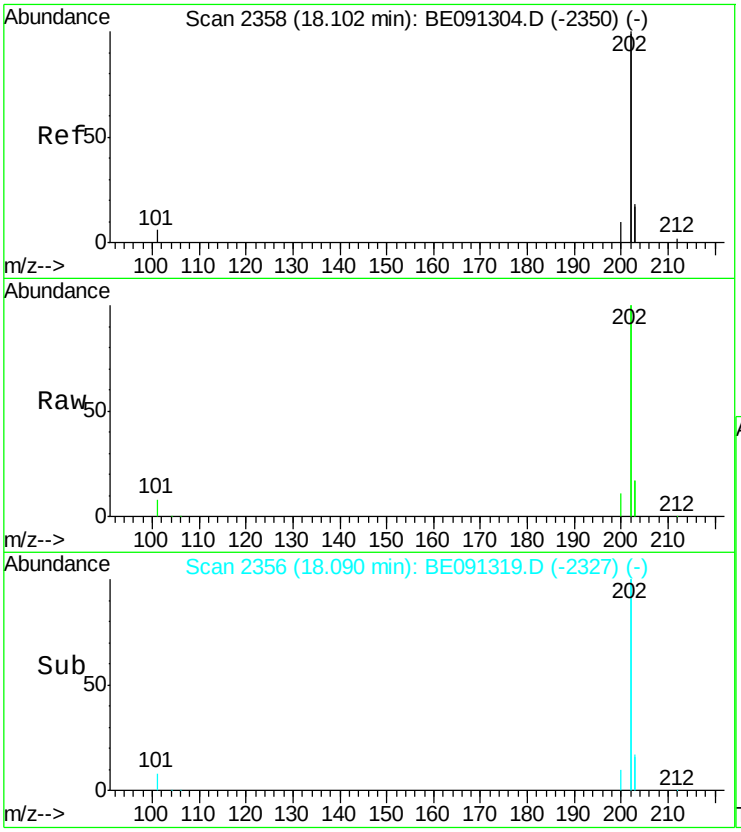


#15
Anthracene
Concen: 0.22 ng/ul
RT: 16.20 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:178 Resp: 30413

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	18.8	13.3	19.9





#17
Fluoranthene
Concen: 1.46 ng/ul
RT: 18.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:202 Resp: 264472

Ion	Ratio	Lower	Upper
202	100		
101	4.1	0.0	33.1
203	16.7	0.0	37.2

Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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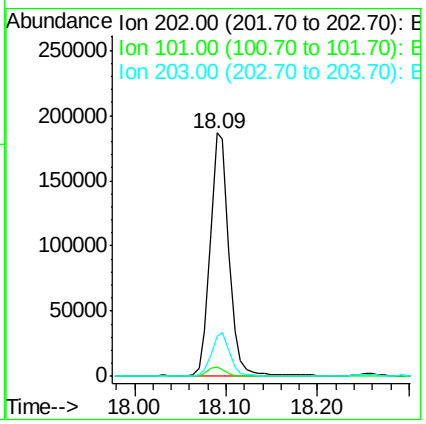
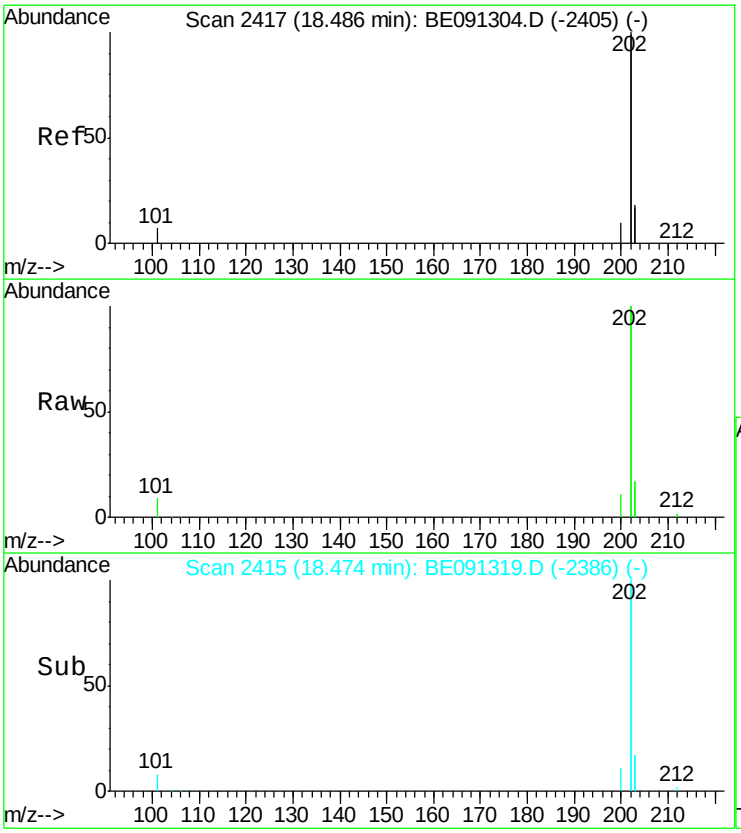
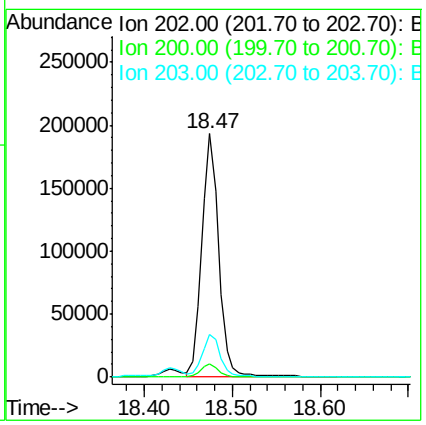


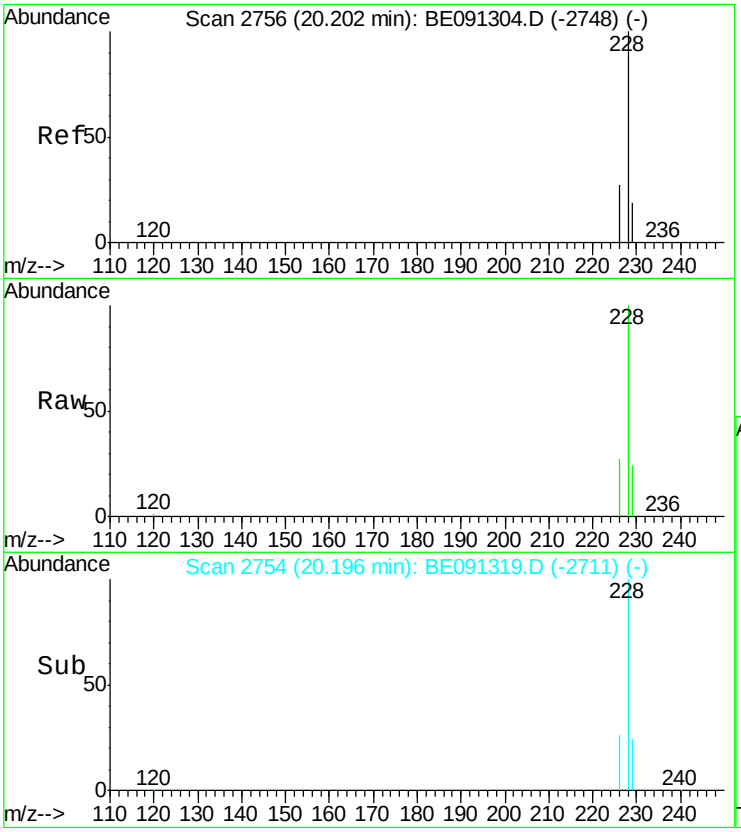


#19
Pyrene
Concen: 1.42 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:202 Resp: 254586

Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	17.4	13.8	20.6





#20
Benzo(a)anthracene
Concen: 0.60 ng/ul m
RT: 20.20 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:228 Resp: 24302

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.0	34.4
229	24.5	15.2	22.8#

Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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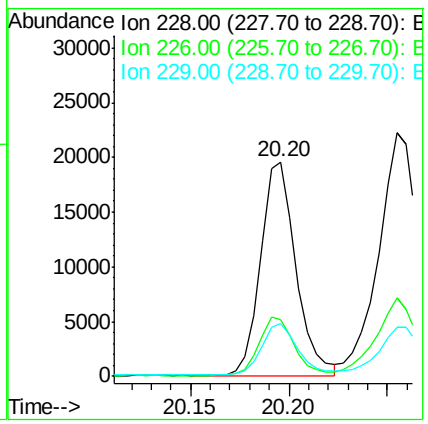
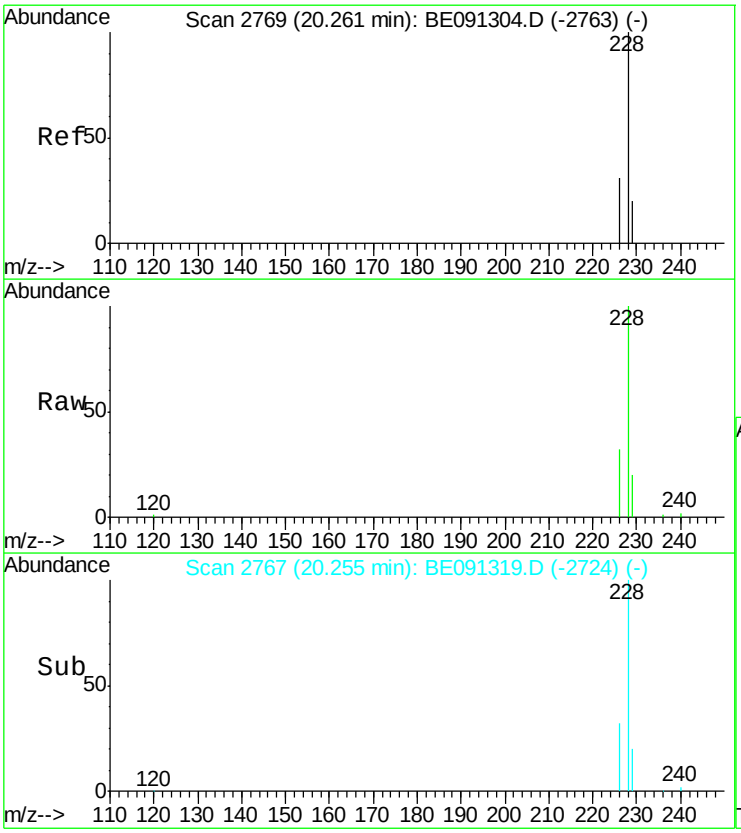
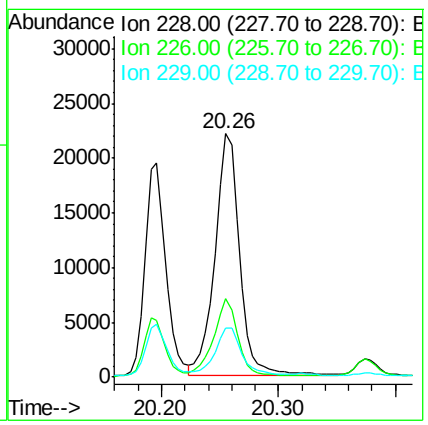


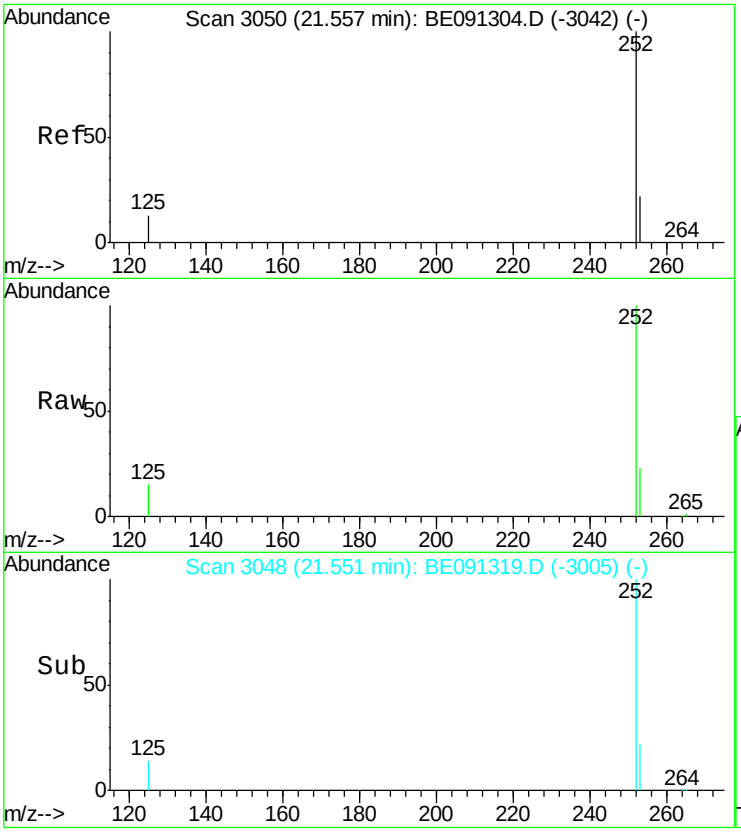


#21
Chrysene
Concen: 0.70 ng/ul
RT: 20.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:228 Resp: 32479

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	20.4	15.2	22.8

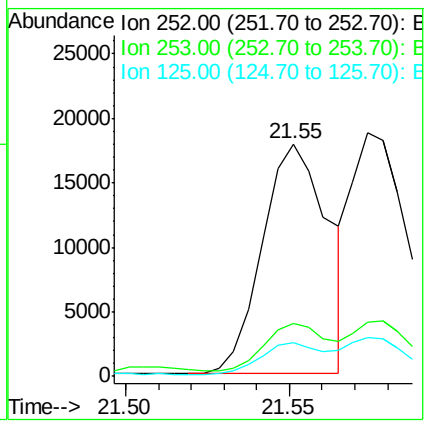




#23
Benzo(b)fluoranthene
Concen: 0.58 ng/ul
RT: 21.55 min Scan# 3048
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:252 Resp: 24891

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	48.0
125	14.6	0.0	36.6



Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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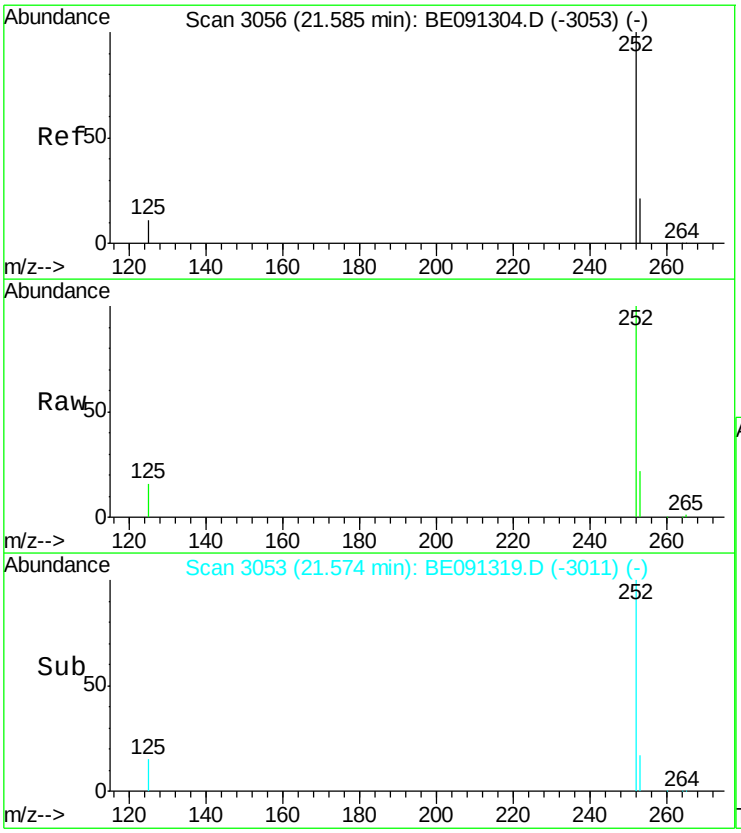
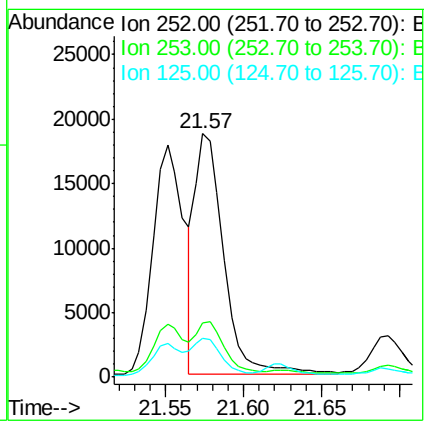
11/24/2015 1:36:26 PM

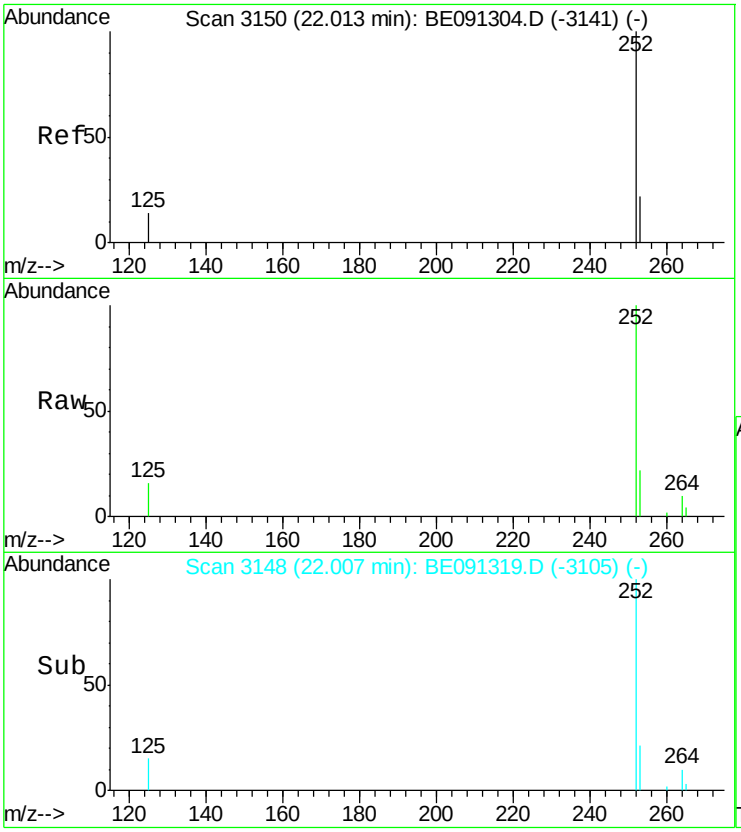


#24
Benzo(k)fluoranthene
Concen: 0.54 ng/ul
RT: 21.57 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:252 Resp: 23974

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.8	31.2
125	16.0	12.2	18.4

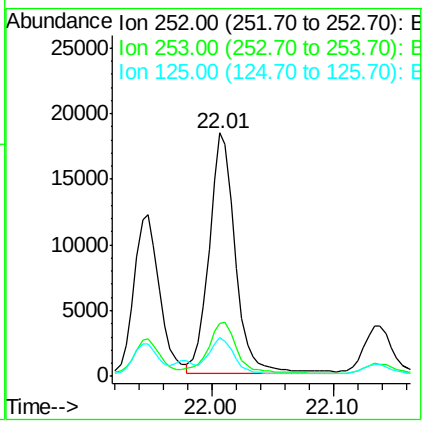




#25
Benzo(a)pyrene
Concen: 0.69 ng/ul
RT: 22.01 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:252 Resp: 27605

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.8	32.8
125	16.0	14.5	21.7



Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
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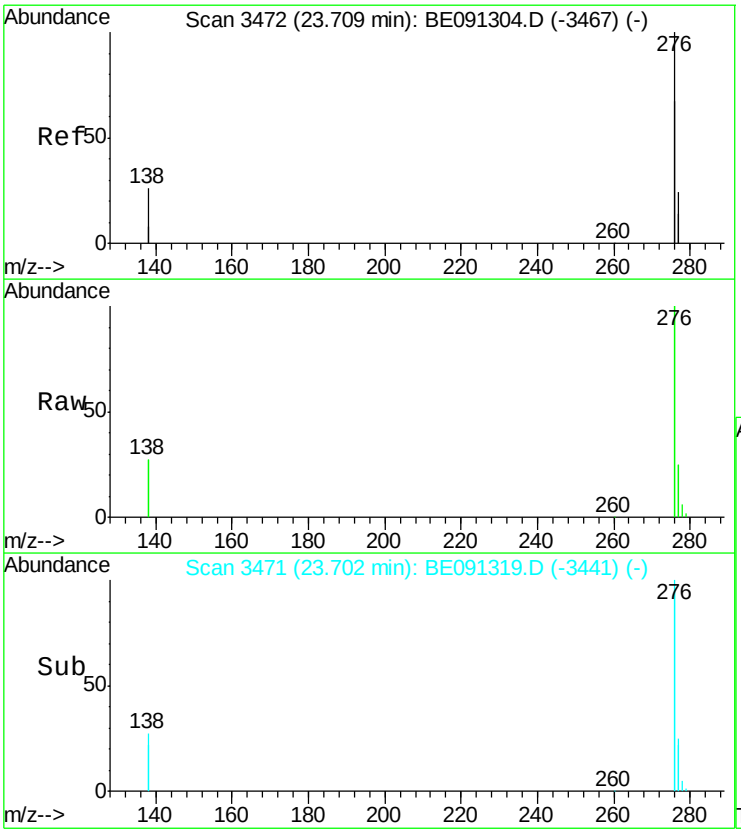
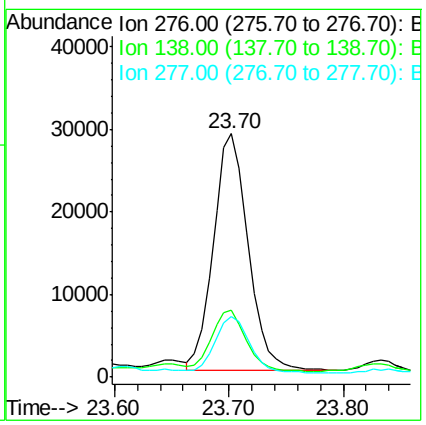
11/24/2015 1:36:26 PM

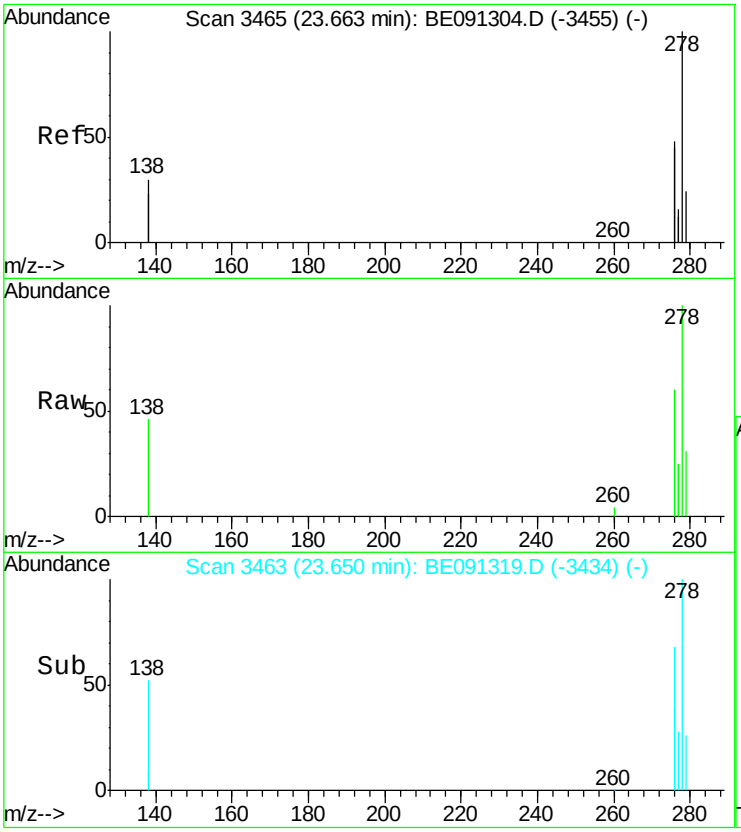


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng/ul
RT: 23.70 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:276 Resp: 60807

Ion	Ratio	Lower	Upper
276	100		
138	25.4	27.5	41.3#
277	23.8	19.3	28.9

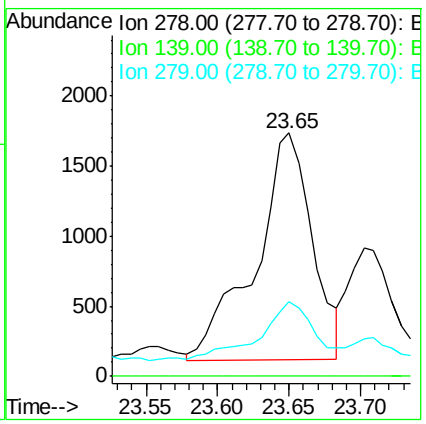




#27
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 23.65 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

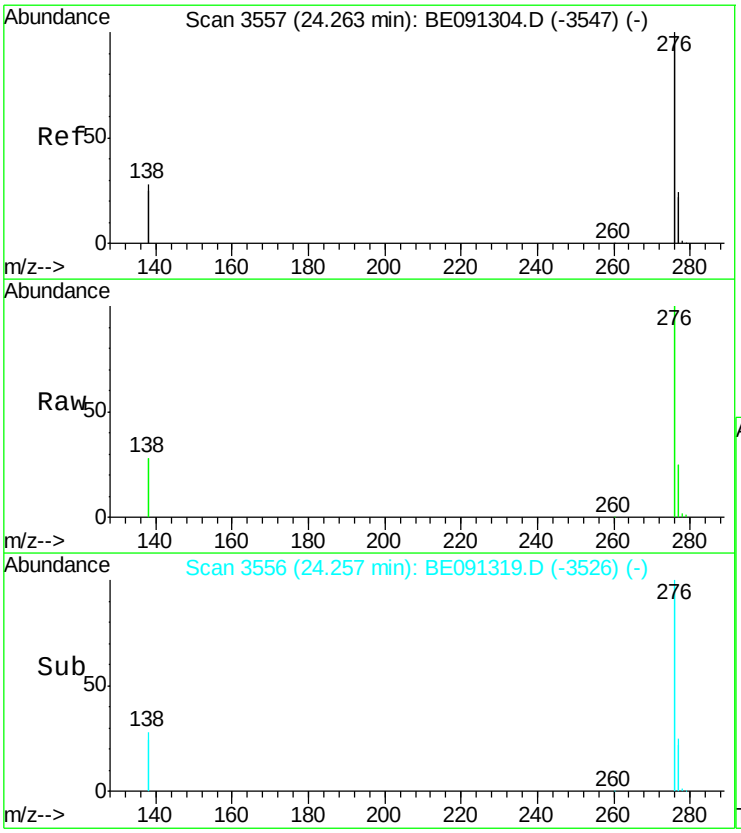
Tgt Ion:278 Resp: 4485

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	30.9	21.9	32.9



Instrument :
BNA_E
ClientSampleId :
A4J48RXDL

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:36:26 PM



#28
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 24.26 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE091319.D
Acq: 24 Nov 2015 11:17

Tgt Ion:276 Resp: 68357

Ion	Ratio	Lower	Upper
276	100		
277	25.3	21.3	31.9
138	28.2	25.5	38.3