Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
Data File : BE091170.D
Acq On : 15 Nov 2015 13:26
Operator : UM/NP
Sample : G4322-11DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4HS2DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:16 PM

Quant Time: Nov 16 06:43:04 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 16 04:54:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	3802	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.58	136	19551	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.39	164	12273	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	33597m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	62345	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	56074	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2054m	0.75	ng/uL	0.08
6) 2-Methylnaphthalene-d10	11.10	152	594	0.02	ng/ul	0.00
16) Fluoranthene-d10	18.08	212	1718m	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.62	128	14031	0.29	ng/ul	99
7) 2-Methylnaphthalene	11.17	142	3597	0.11	ng/ul	99
9) Acenaphthylene	13.13	152	5526	0.09	ng/ul	98
10) Acenaphthene	13.44	153	5105	0.12	ng/ul	89
11) Fluorene	14.42	166	6835	0.13	ng/ul#	92
14) Phenanthrene	16.12	178	539942m	1.39	ng/ul	
15) Anthracene	16.21	178	141283	0.40	ng/ul	97
17) Fluoranthene	18.10	202	903813	1.99	ng/ul	89
19) Pyrene	18.49	202	901822	1.27	ng/ul#	77
20) Benzo(a)anthracene	20.21	228	132115m	0.83	ng/ul	
21) Chrysene	20.26	228	138706	0.75	ng/ul	97
23) Benzo(b)fluoranthene	21.56	252	94822	0.54	ng/ul	100
24) Benzo(k)fluoranthene	21.59	252	99748m	0.56	ng/ul	
25) Benzo(a)pyrene	22.02	252	120015	0.74	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.73	276	271725	0.40	ng/ul#	89
27) Dibenzo(a,h)anthracene	23.68	278	22847	0.14	ng/ul#	69
28) Benzo(g,h,i)perylene	24.28	276	289167	0.41	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
Data File : BE091170.D
Acq On : 15 Nov 2015 13:26
Operator : UM/NP
Sample : G4322-11DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 06:43:04 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 16 04:54:02 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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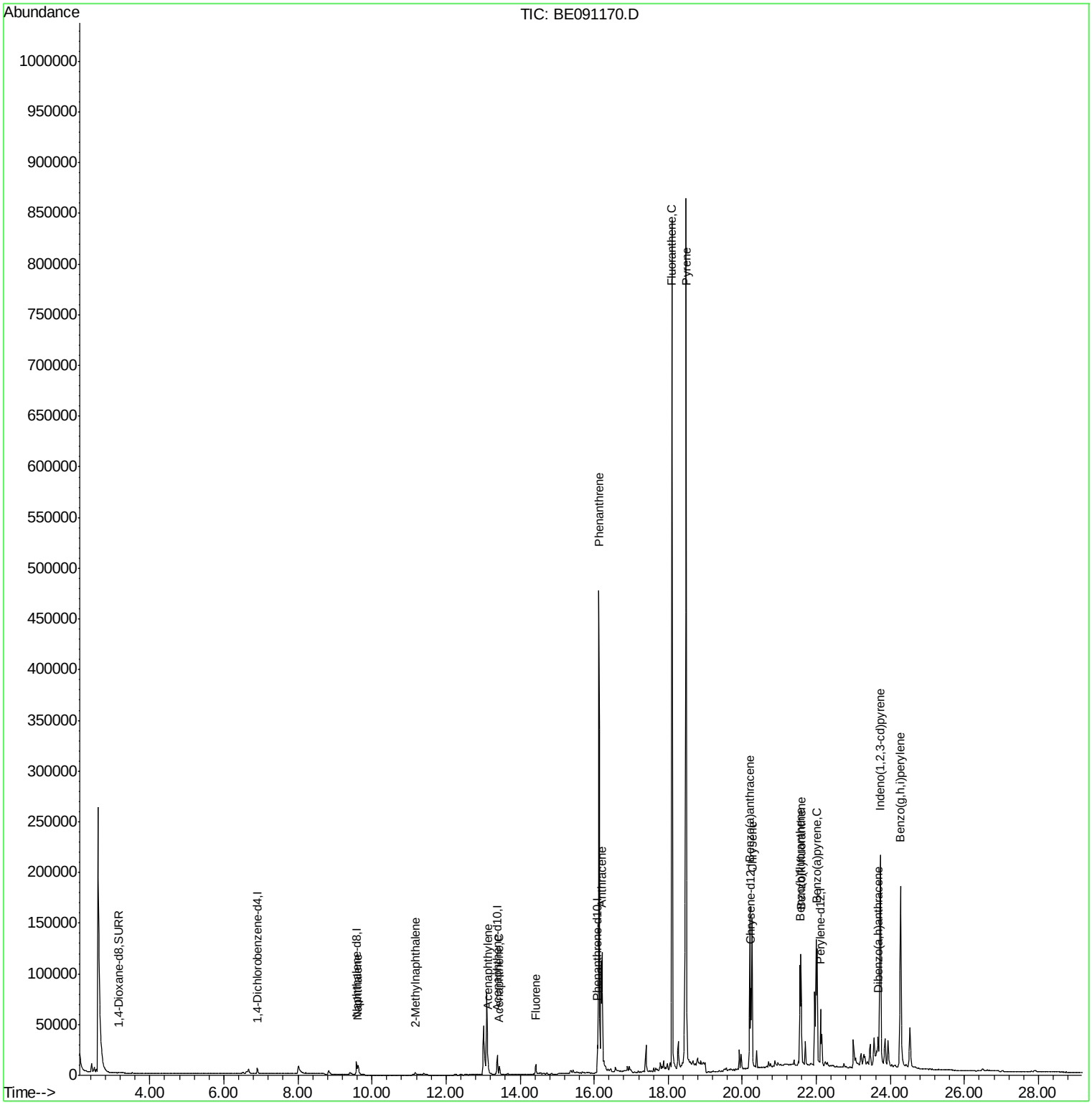
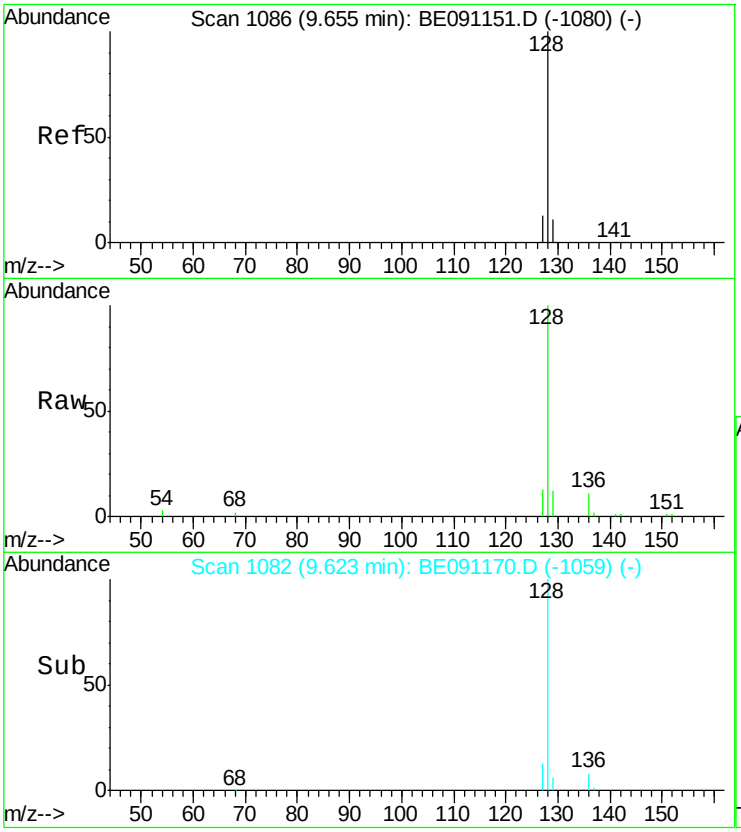
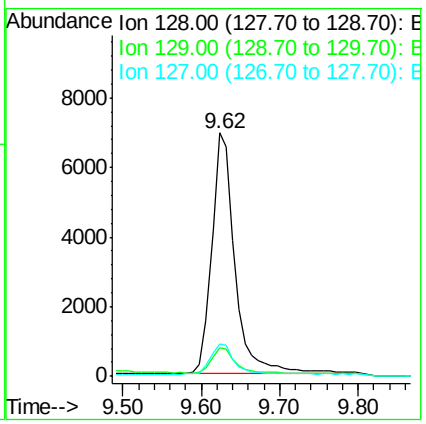




#5
Naphthalene
Concen: 0.29 ng/ul
RT: 9.62 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:128 Resp: 14031

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.8
127	13.3	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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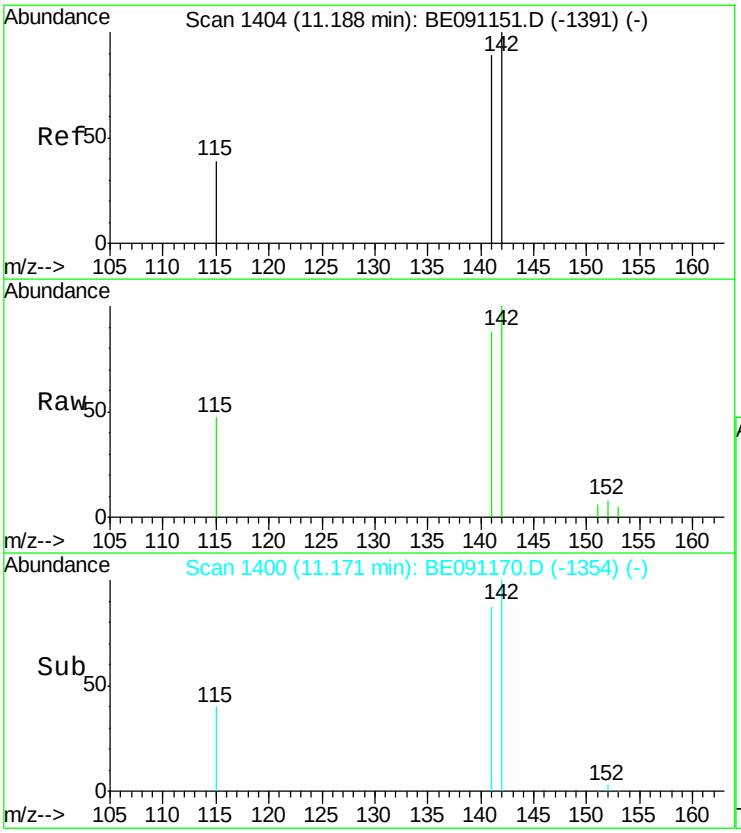
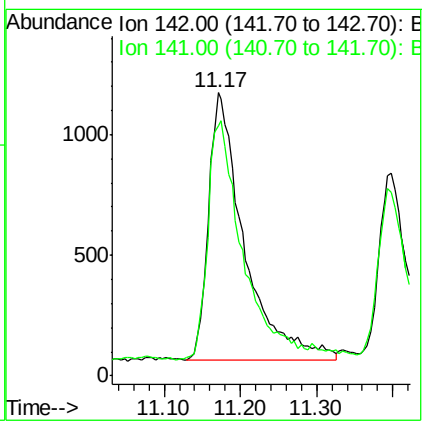
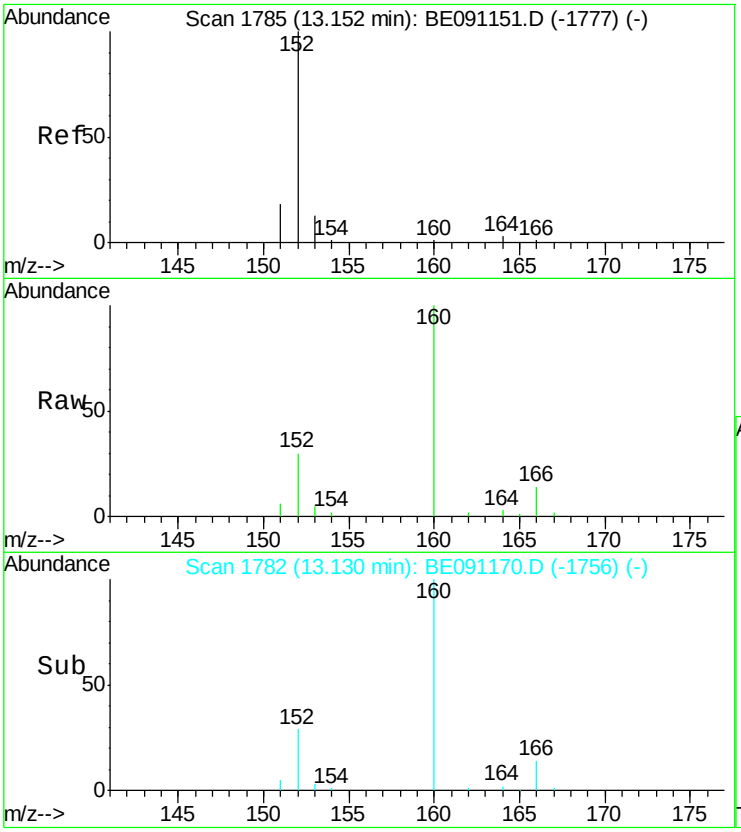


#7
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 11.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:142 Resp: 3597

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5

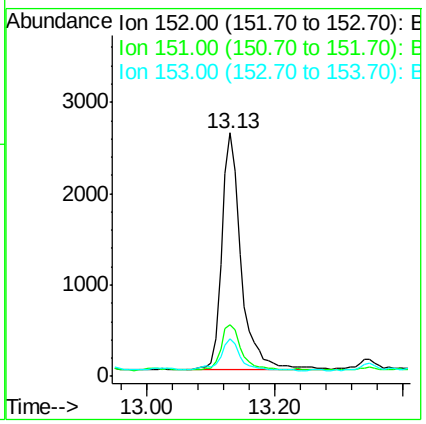




#9
Acenaphthylene
Concen: 0.09 ng/ul
RT: 13.13 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:152 Resp: 5526

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	15.5	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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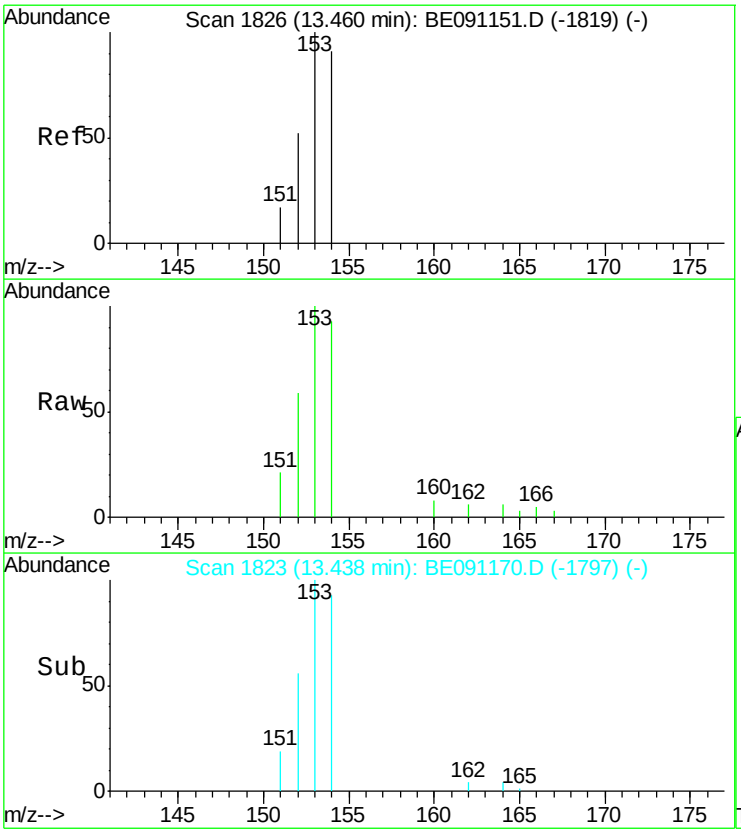
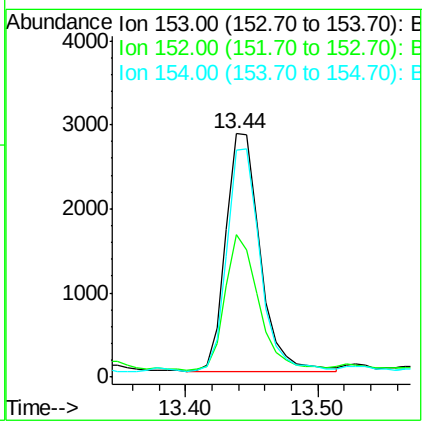
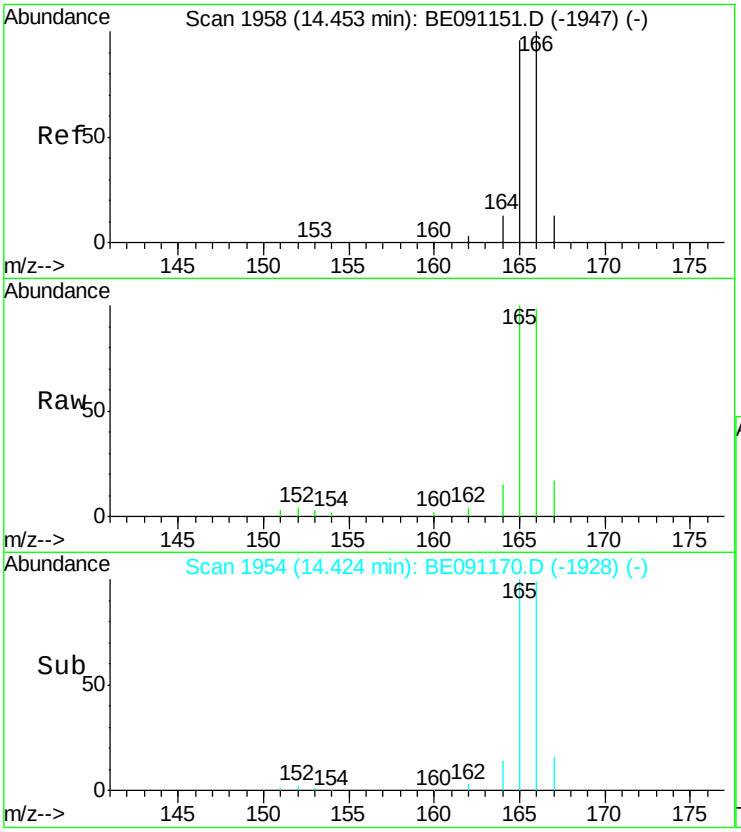


#10
Acenaphthene
Concen: 0.12 ng/ul
RT: 13.44 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:153 Resp: 5105

Ion	Ratio	Lower	Upper
153	100		
152	58.5	42.3	63.5
154	93.0	64.7	97.1





#11
Fluorene
Concen: 0.13 ng/ul
RT: 14.42 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:166 Resp: 6835

Ion	Ratio	Lower	Upper
166	100		
165	101.7	87.6	131.4
167	17.6	11.1	16.7#

Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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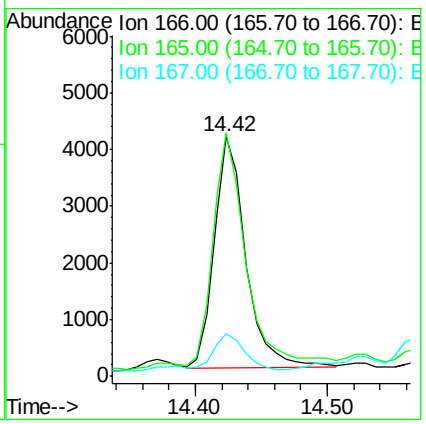
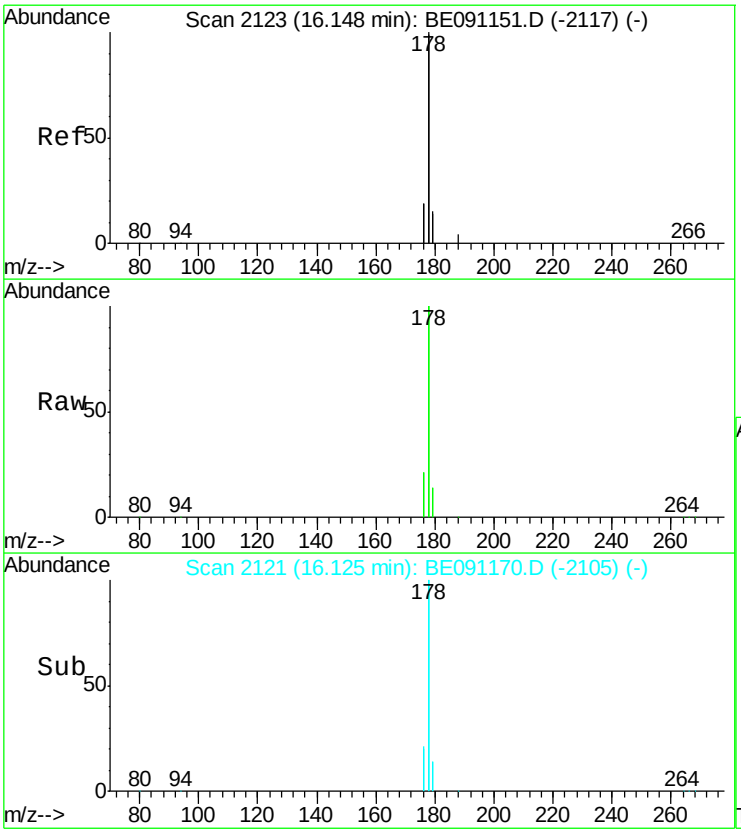
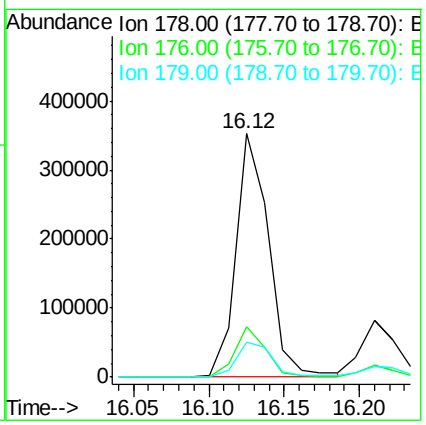


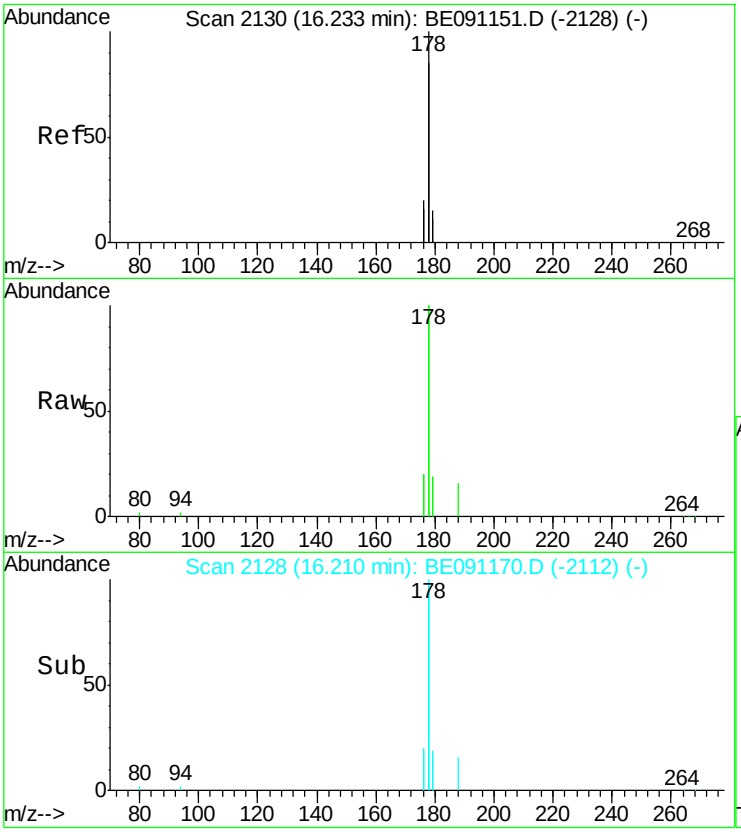


#14
Phenanthrene
Concen: 1.39 ng/ul m
RT: 16.12 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:178 Resp: 539942

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	14.4	12.8	19.2

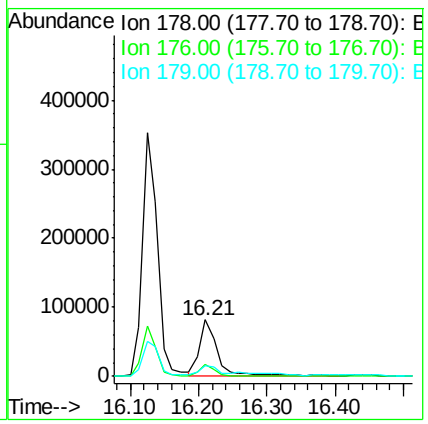




#15
Anthracene
Concen: 0.40 ng/ul
RT: 16.21 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:178 Resp: 141283

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	18.7	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
A4HS2DL

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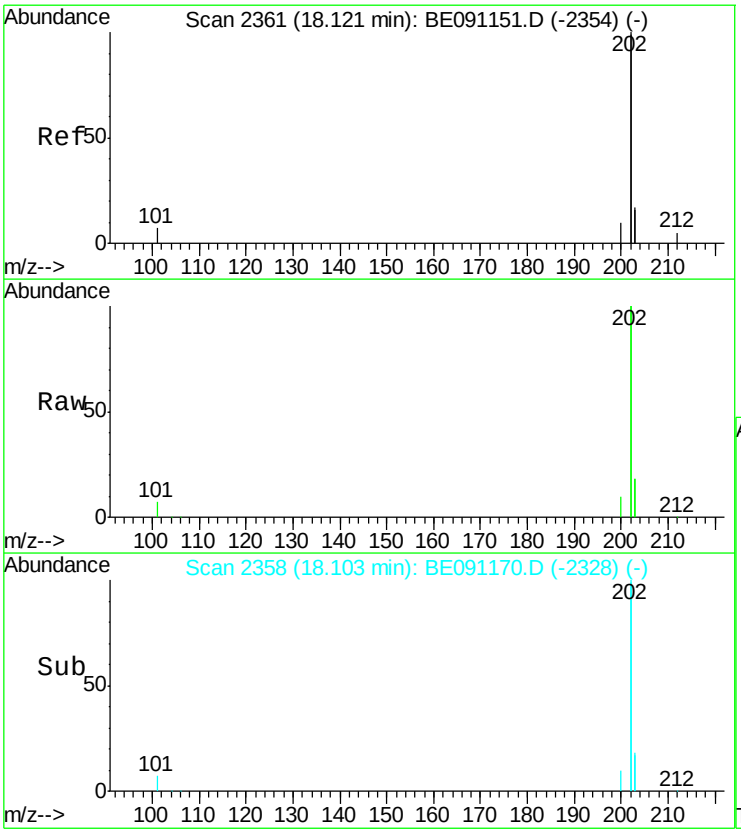
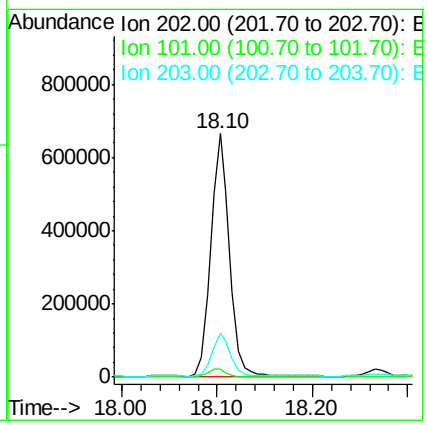
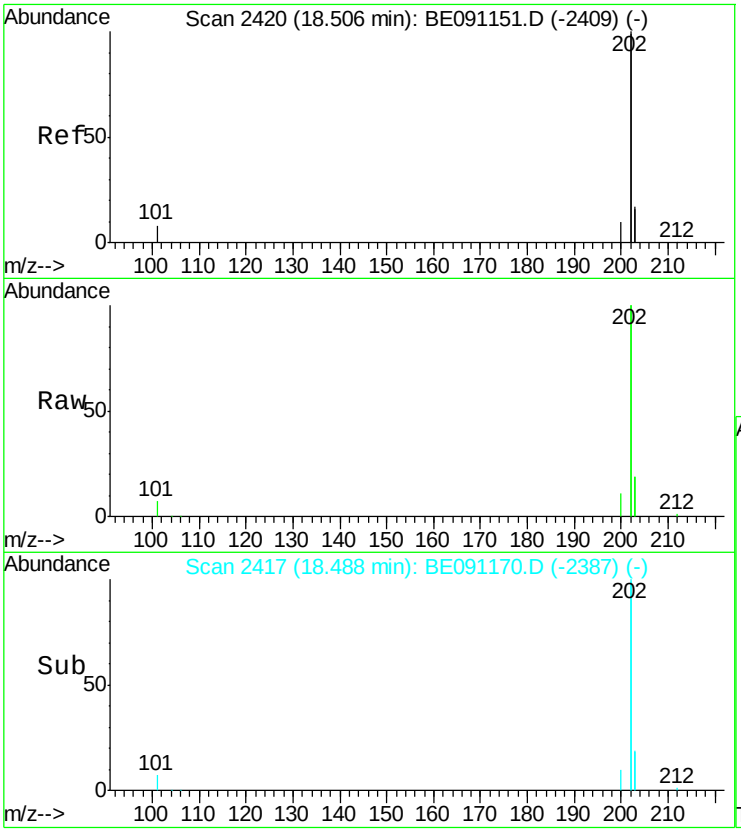


#17
Fluoranthene
Concen: 1.99 ng/ul
RT: 18.10 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:202 Resp: 903813

Ion	Ratio	Lower	Upper
202	100		
101	3.4	0.0	33.1
203	17.9	0.0	37.2





#19
Pyrene
Concen: 1.27 ng/ul
RT: 18.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:202 Resp: 901822

Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	19.4	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
A4HS2DL

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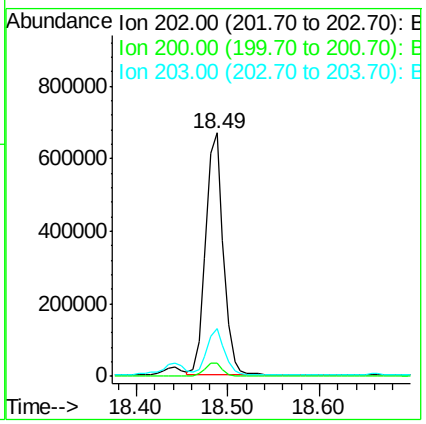
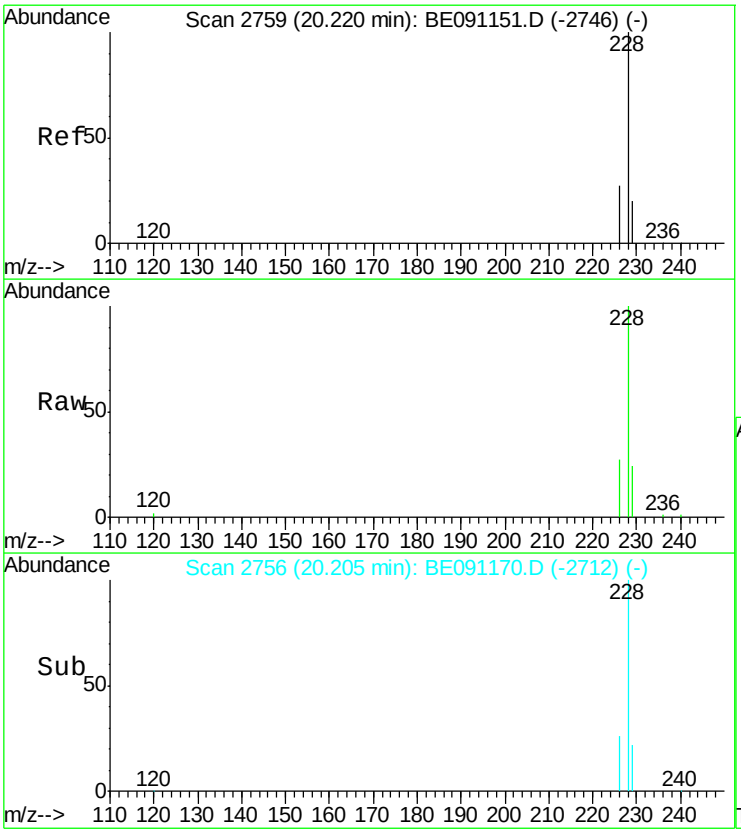
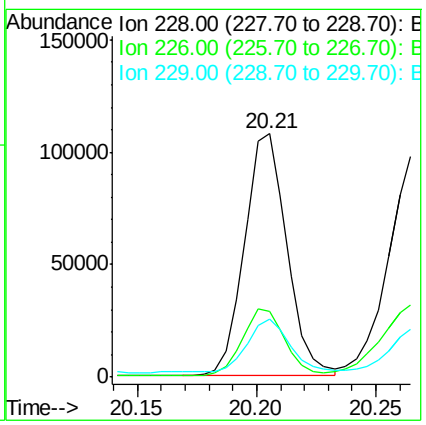


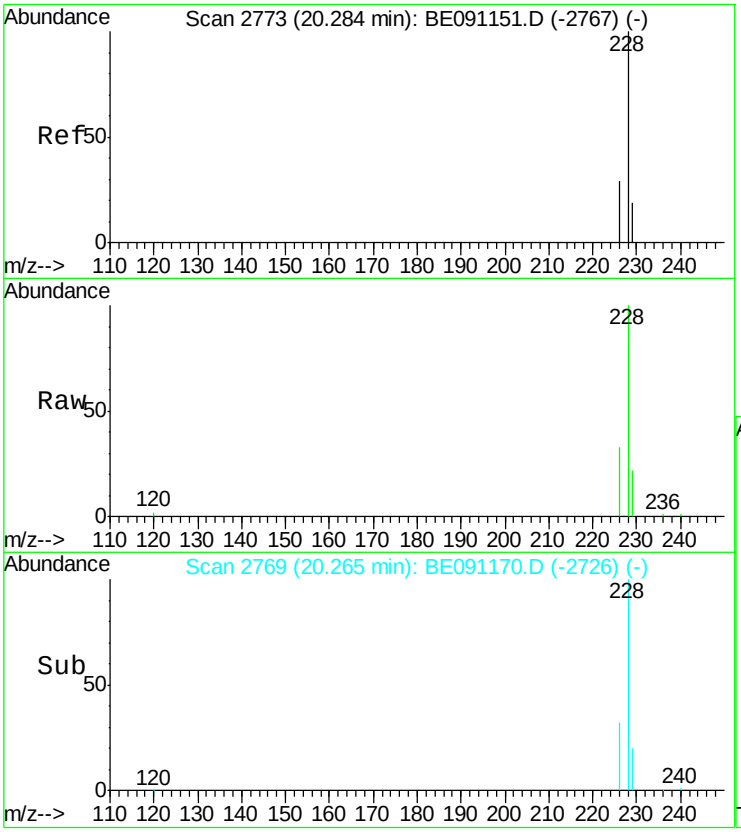


#20
Benzo(a)anthracene
Concen: 0.83 ng/ul m
RT: 20.21 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:228 Resp: 132115

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	23.7	15.2	22.8#

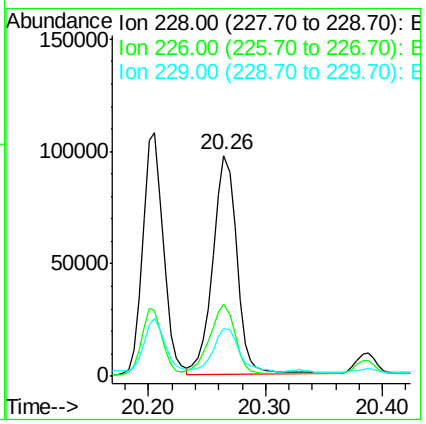




#21
Chrysene
Concen: 0.75 ng/ul
RT: 20.26 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:228 Resp: 138706

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	21.7	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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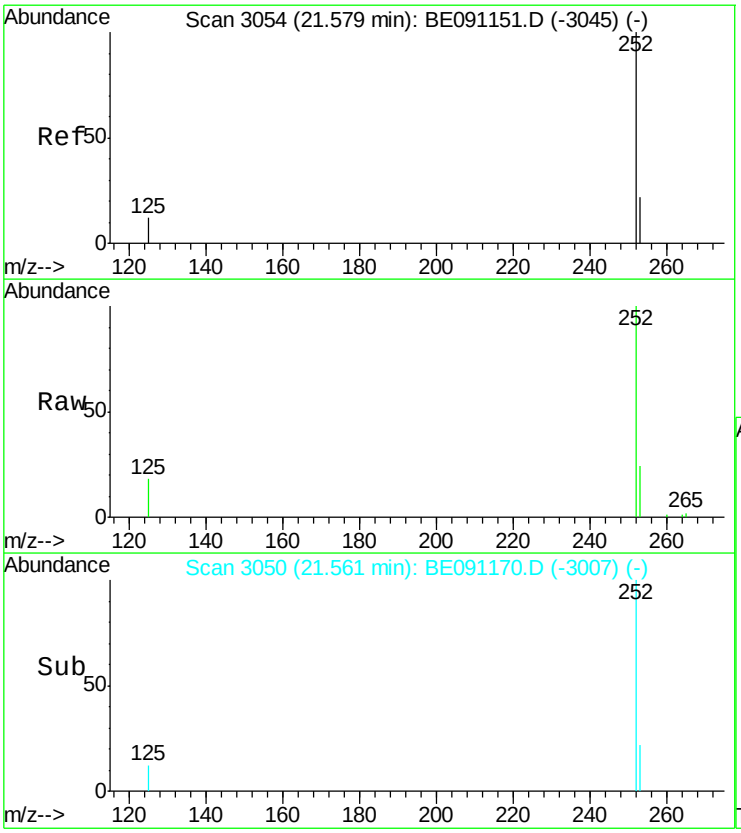
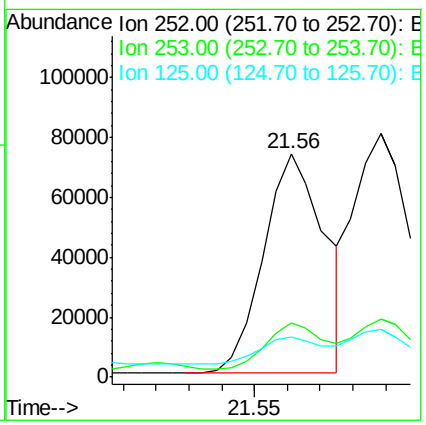
11/16/2015 3:27:16 PM

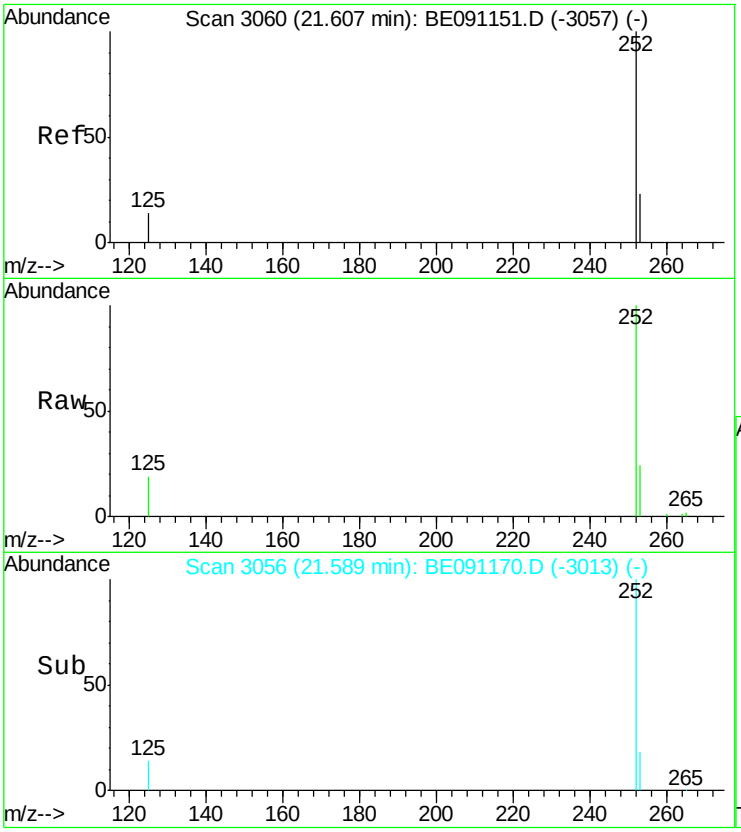


#23
Benzo(b)fluoranthene
Concen: 0.54 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:252 Resp: 94822

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	48.0
125	17.9	0.0	36.6





#24
Benzo(k)fluoranthene
Concen: 0.56 ng/ul m
RT: 21.59 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:252 Resp: 99748

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.8	31.2
125	19.5	12.2	18.4#

Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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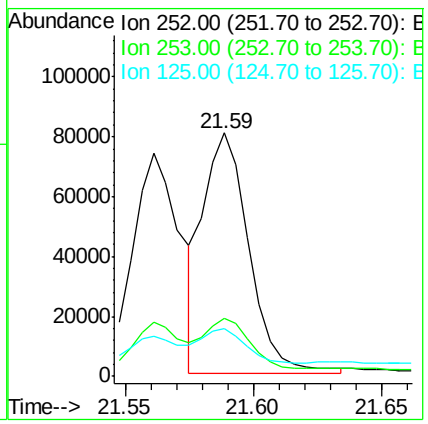
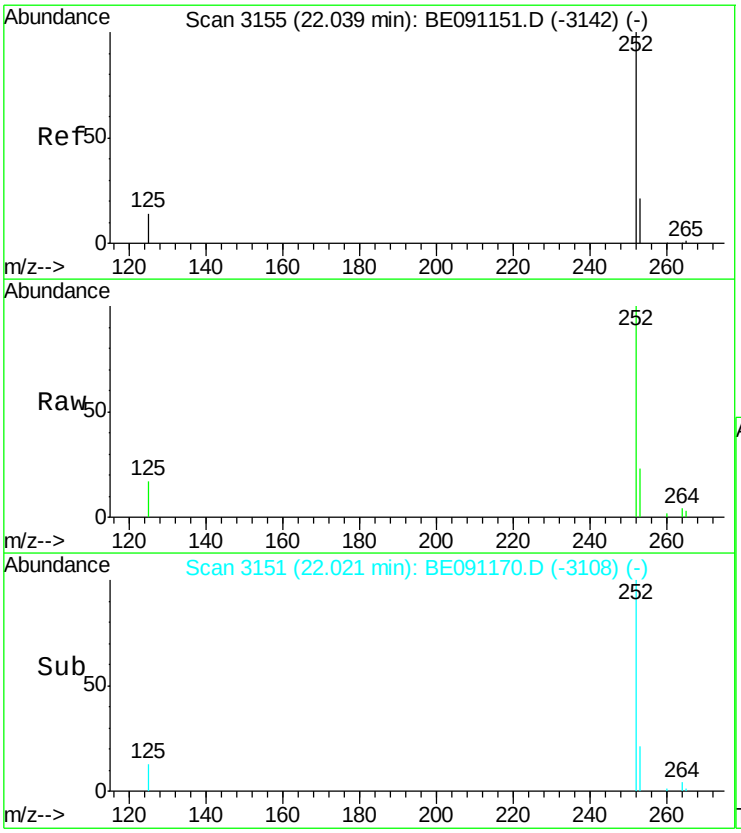
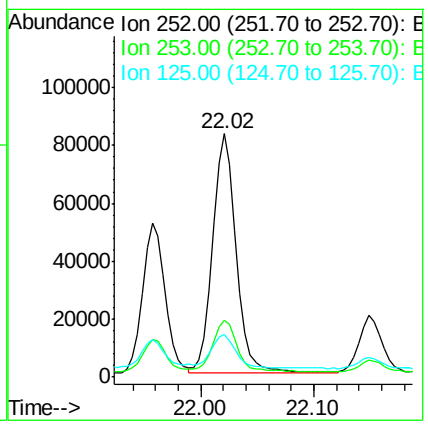


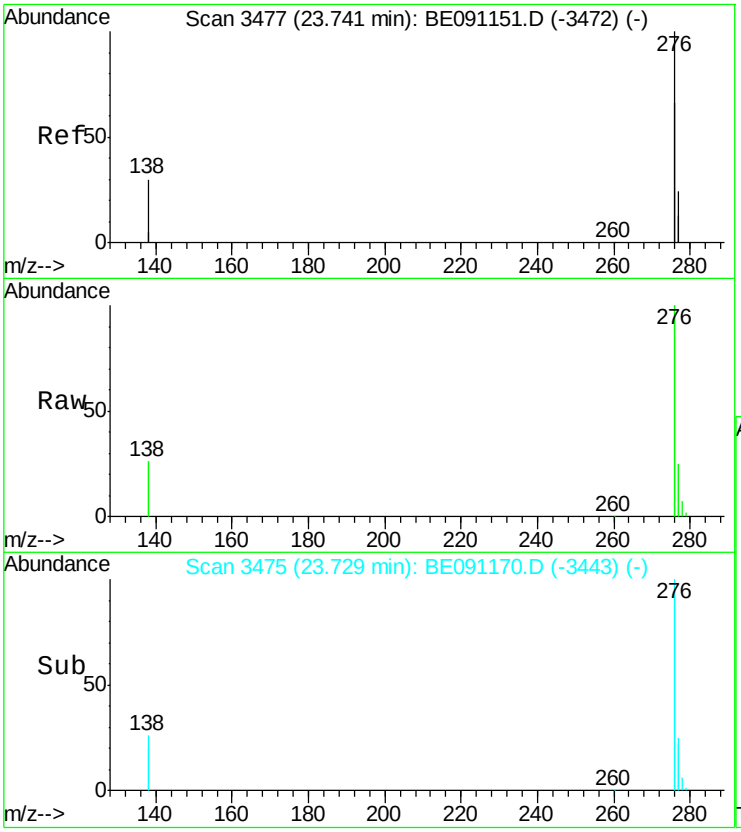


#25
Benzo(a)pyrene
Concen: 0.74 ng/ul
RT: 22.02 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:252 Resp: 120015

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.8	32.8
125	17.3	14.5	21.7





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul
RT: 23.73 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:276 Resp: 271725

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

Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
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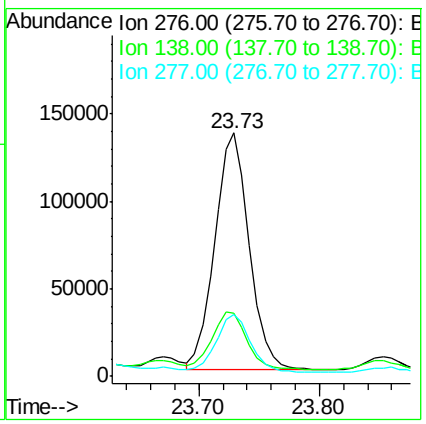
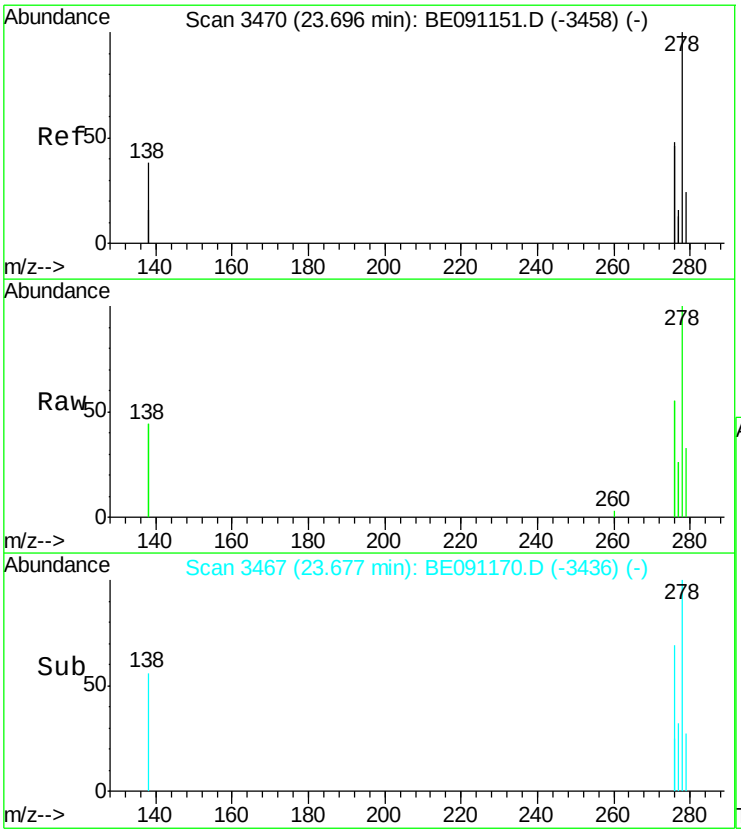
11/16/2015 3:27:16 PM

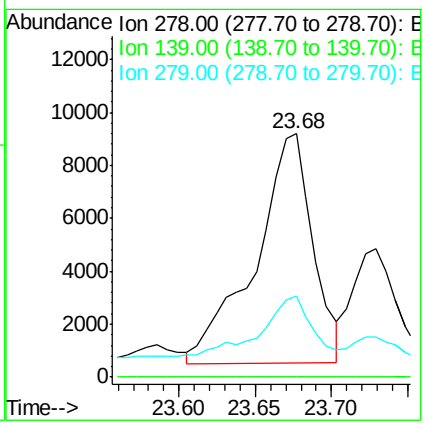


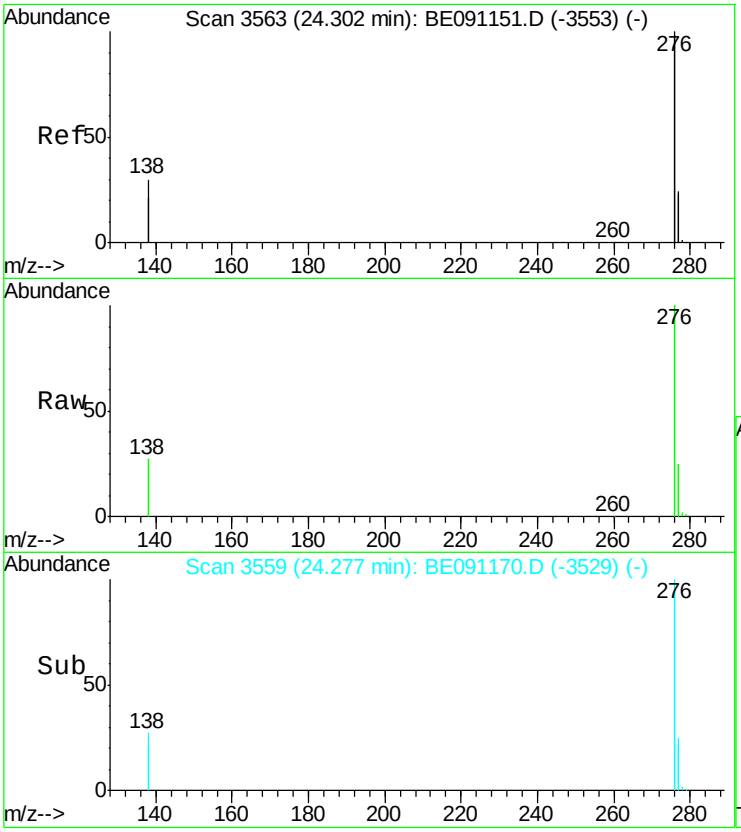


#27
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 23.68 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:278 Resp: 22847

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	33.1	21.9	32.9#

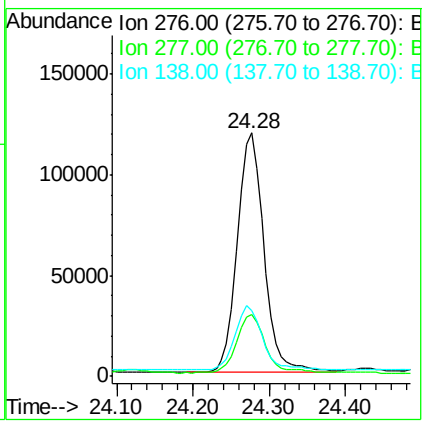




#28
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 24.28 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BE091170.D
Acq: 15 Nov 2015 13:26

Tgt Ion:276 Resp: 289167

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.3	31.9
138	27.0	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
A4HS2DL

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:27:16 PM