Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003867.D
Acq On : 30 Dec 2015 02:58
Operator : SJ/UM
Sample : G4848-16DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N62DL

Manual Integrations APPROVED
Sohil
12/30/2015 3:50:34 PM

Quant Time: Dec 30 06:03:42 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 30 05:57:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4769	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	20491	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11655	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	26985	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21242	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	18166	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6387	3.13	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	2400	0.10	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5769	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.51	128	209905	4.55	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	18023	0.58	ng/ul	99
9) Acenaphthylene	14.04	152	2302	0.05	ng/ul#	95
10) Acenaphthene	14.38	153	23061	0.64	ng/ul	83
11) Fluorene	15.38	166	15123m	0.38	ng/ul	
14) Phenanthrene	17.11	178	50318	0.72	ng/ul#	89
15) Anthracene	17.21	178	3656	0.06	ng/ul#	91
17) Fluoranthene	19.14	202	16400	0.22	ng/ul	97
19) Pyrene	19.51	202	12681	0.22	ng/ul	97
20) Benzo(a)anthracene	21.26	228	1513	0.03	ng/ul#	90
21) Chrysene	21.31	228	1514m	0.03	ng/ul	

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

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Instrument :
BNA_M
ClientSampleId :
D9N62DL

Manual Integrations APPROVED
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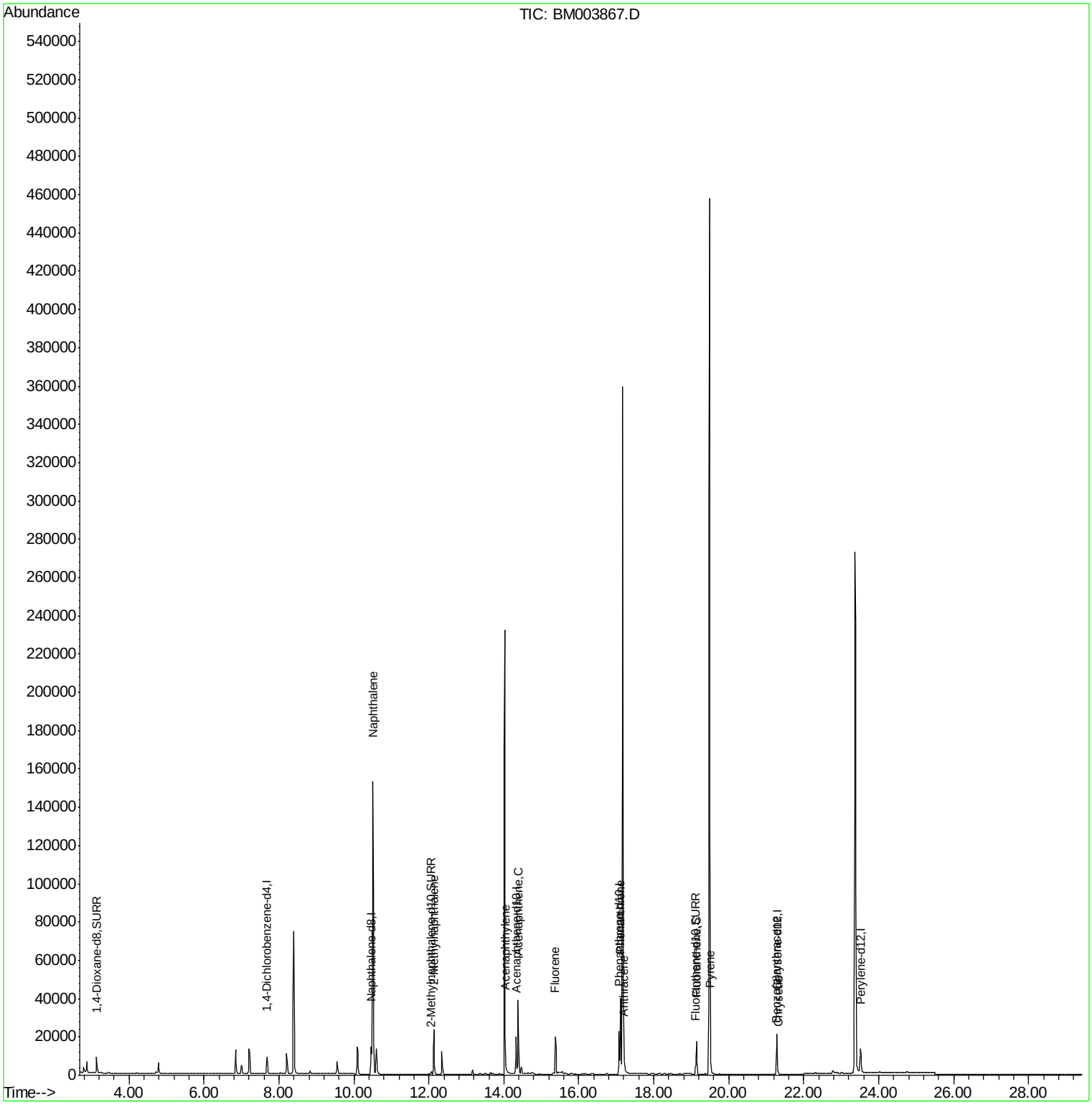
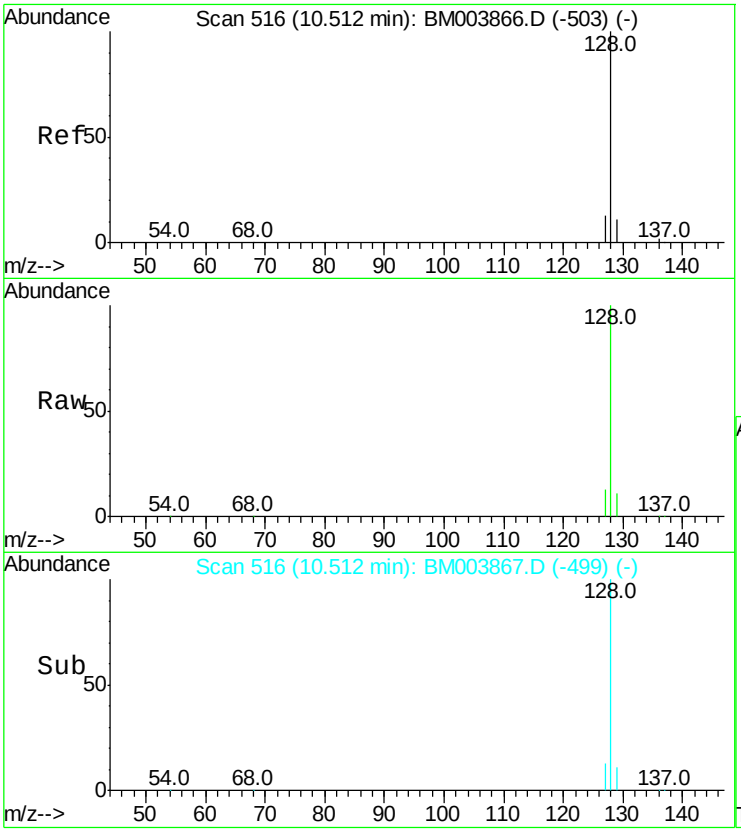
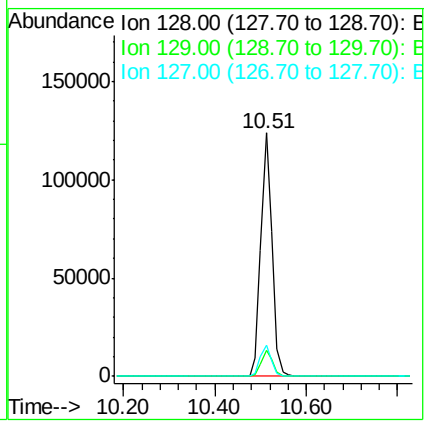




#5
Naphthalene
Concen: 4.55 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:128 Resp: 209905

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.7	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N62DL

Manual Integrations APPROVED
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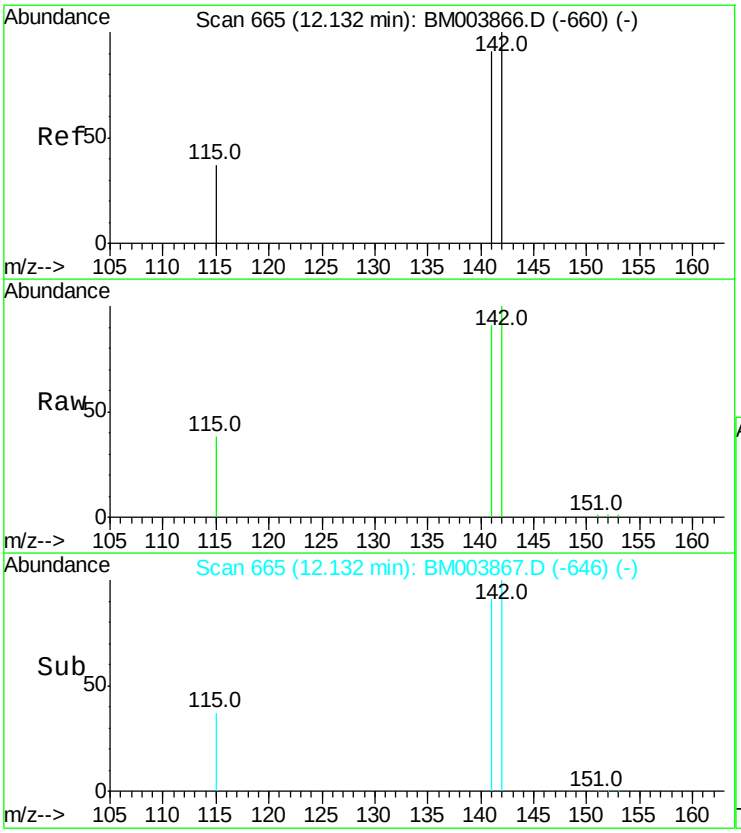
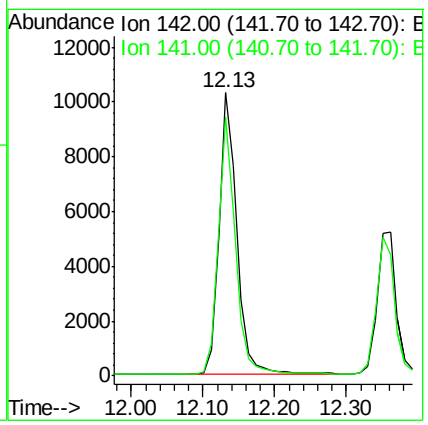
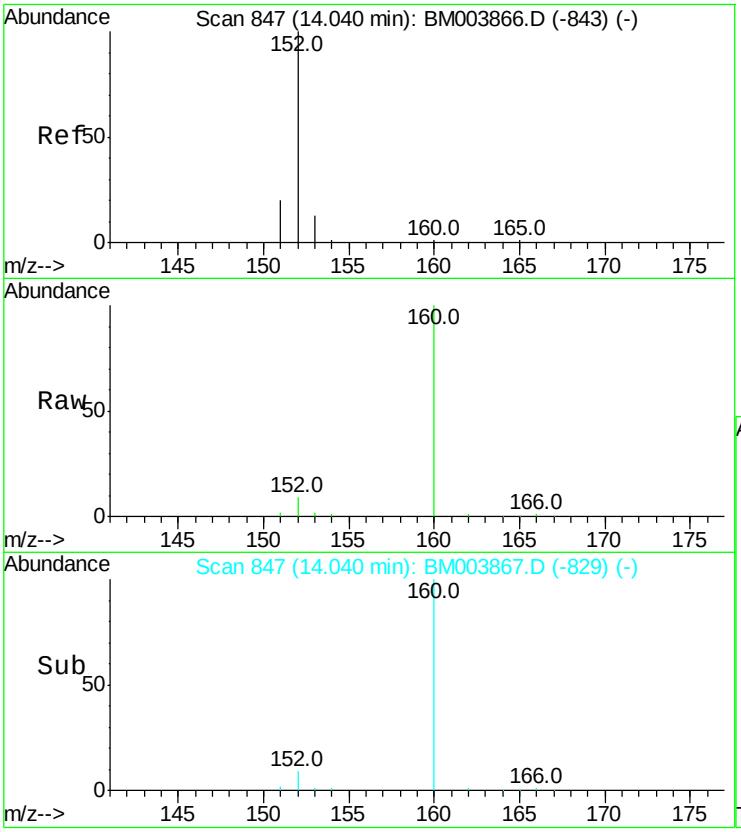


#7
2-Methylnaphthalene
Concen: 0.58 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:142 Resp: 18023

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5

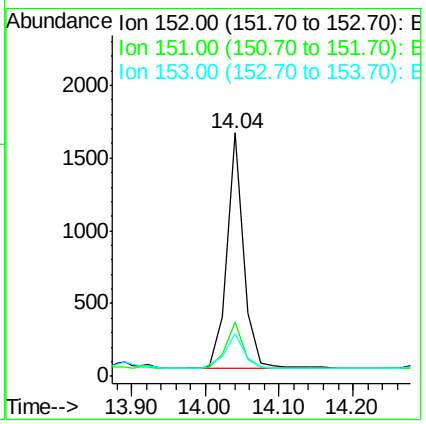




#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:152 Resp: 2302

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.6	26.4
153	17.3	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
D9N62DL

Manual Integrations APPROVED
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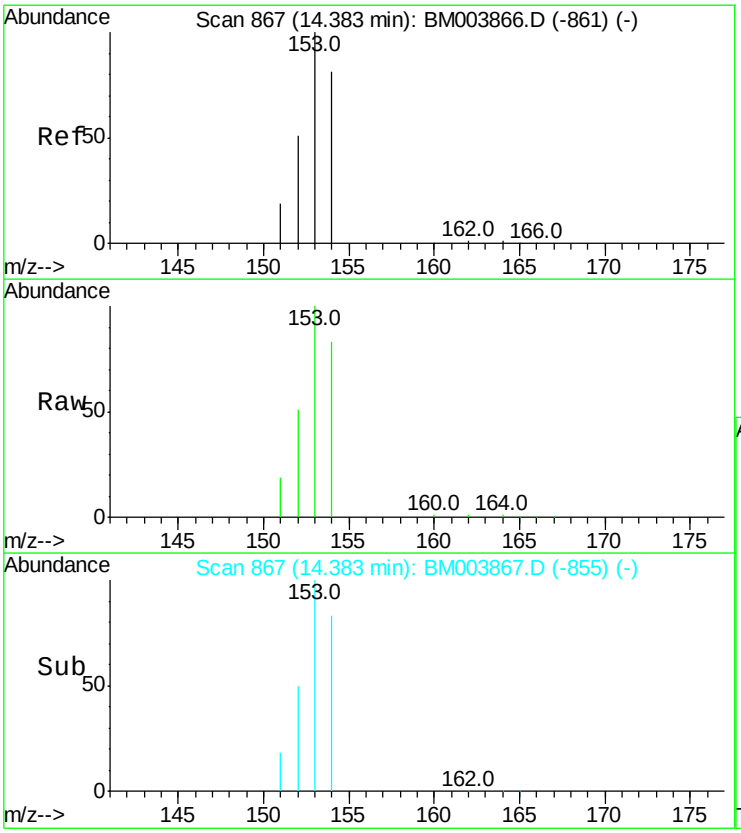
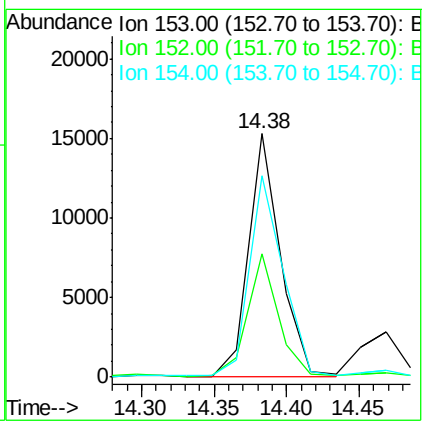
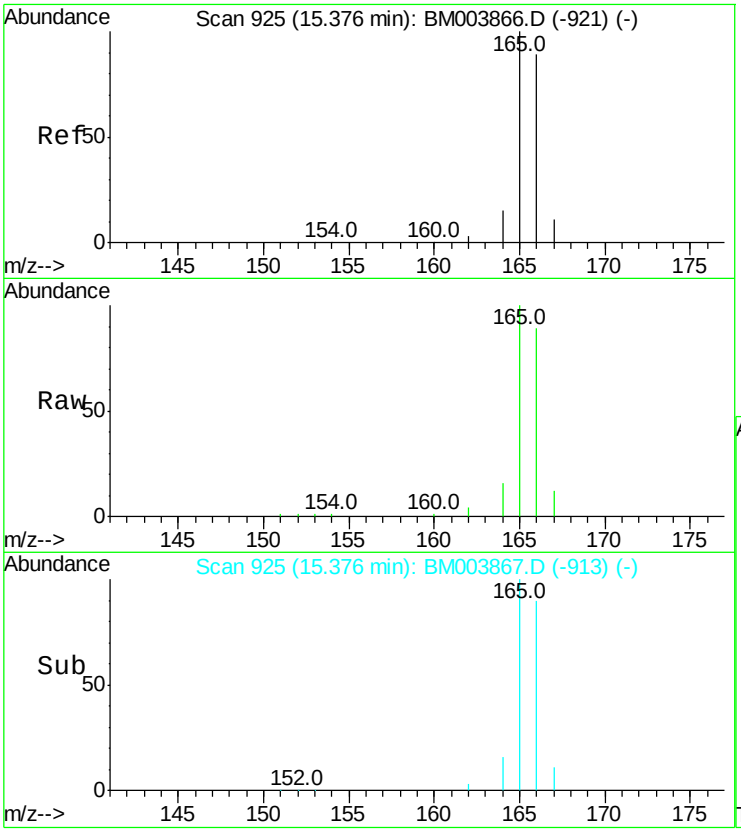


#10
Acenaphthene
Concen: 0.64 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:153 Resp: 23061

Ion	Ratio	Lower	Upper
153	100		
152	50.5	33.9	50.9
154	82.6	80.6	121.0

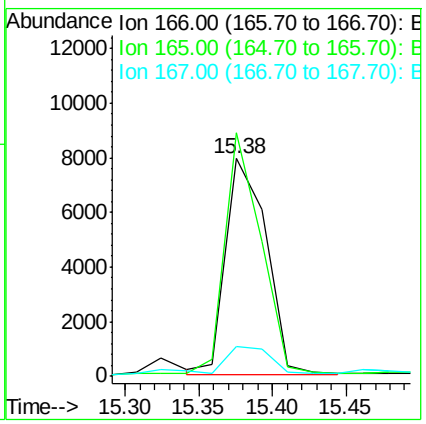




#11
Fluorene
Concen: 0.38 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:166 Resp: 15123

Ion	Ratio	Lower	Upper
166	100		
165	111.8	69.6	104.4#
167	13.5	11.9	17.9



Instrument :
BNA_M
ClientSampleId :
D9N62DL

Manual Integrations APPROVED
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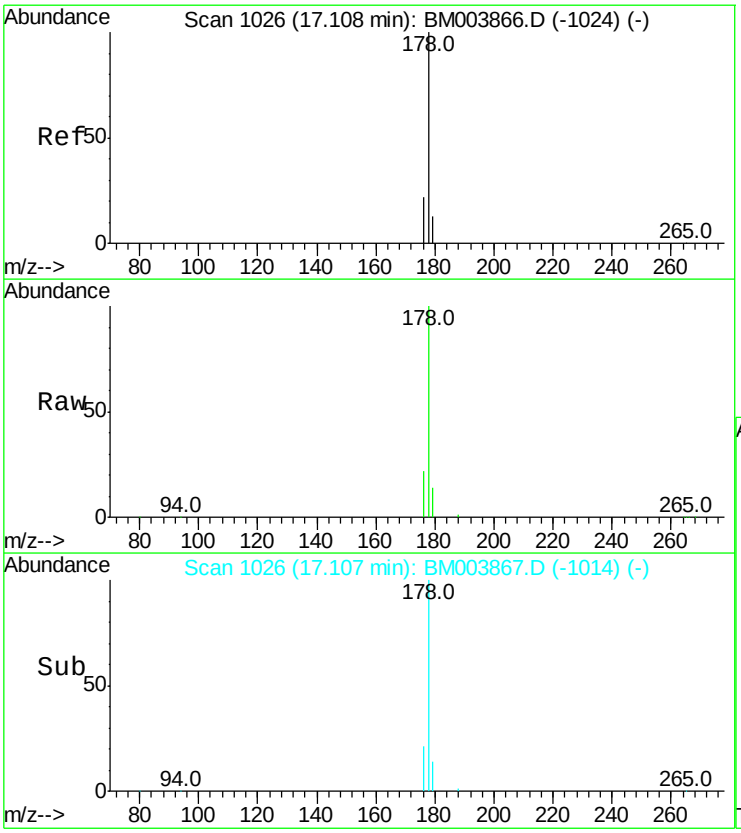
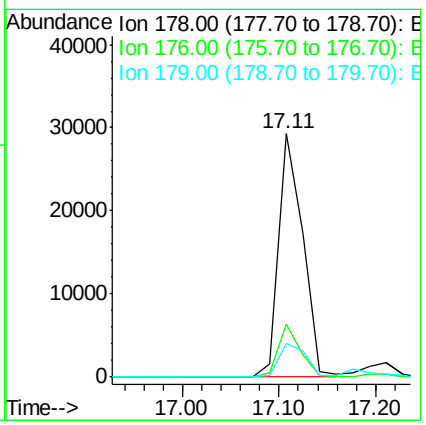
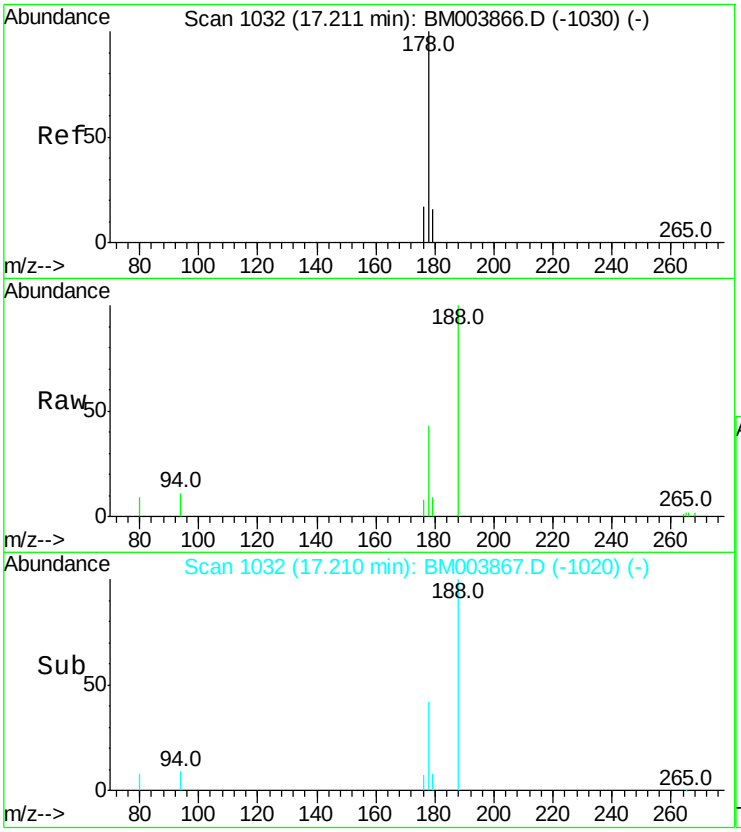


#14
Phenanthrene
Concen: 0.72 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:178 Resp: 50318

Ion	Ratio	Lower	Upper
178	100		
176	21.5	13.0	19.4#
179	13.9	14.2	21.2#

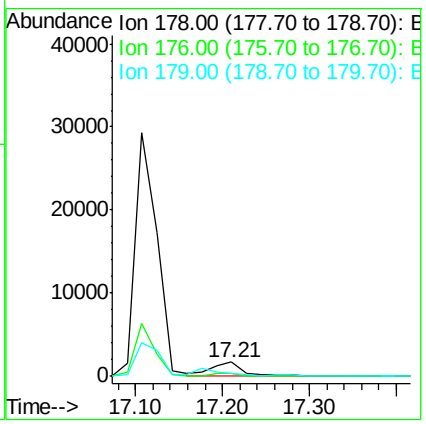




#15
Anthracene
Concen: 0.06 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:178 Resp: 3656

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.0	21.0
179	21.9	12.9	19.3#



Instrument :
BNA_M
ClientSampleId :
D9N62DL

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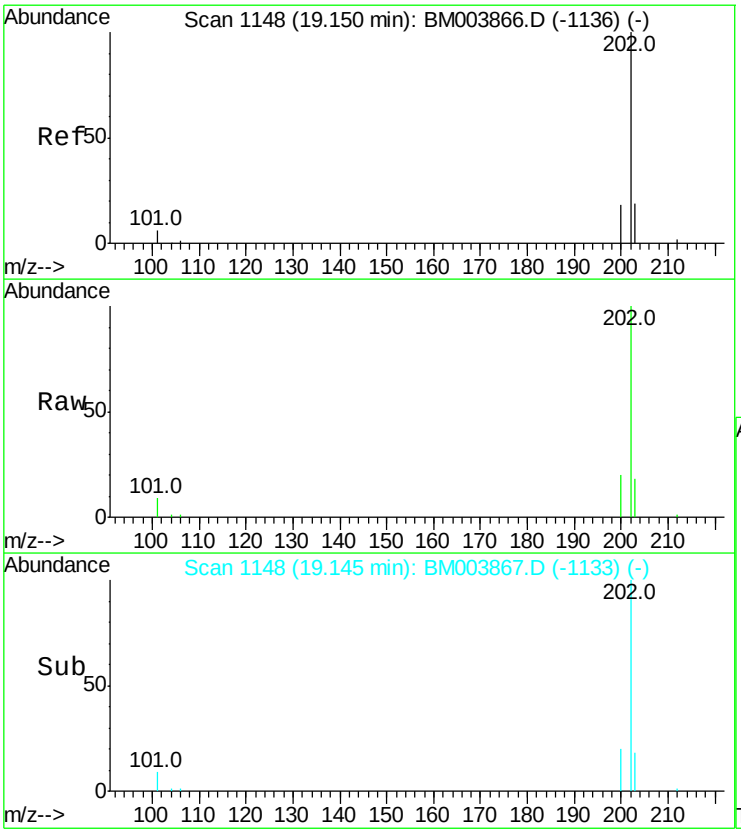
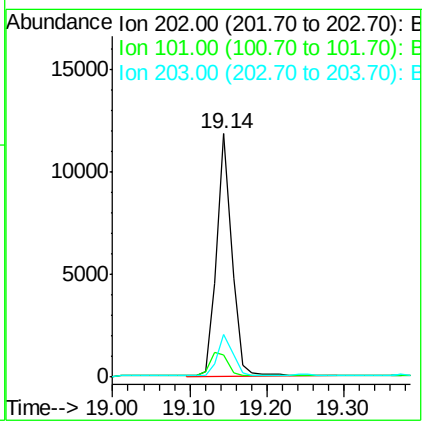
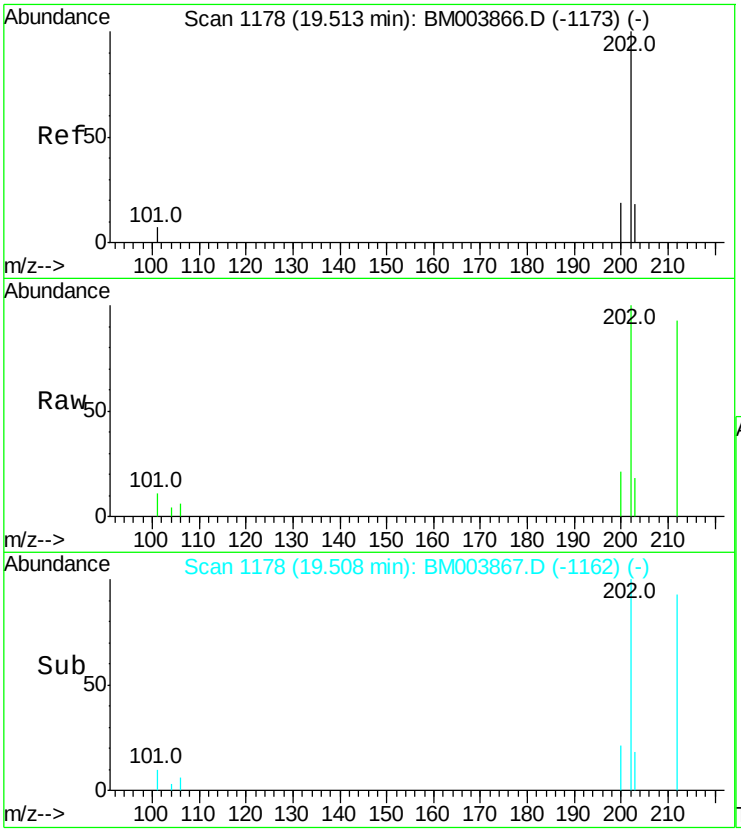


#17
Fluoranthene
Concen: 0.22 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:202 Resp: 16400

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.6
203	17.7	0.0	36.3

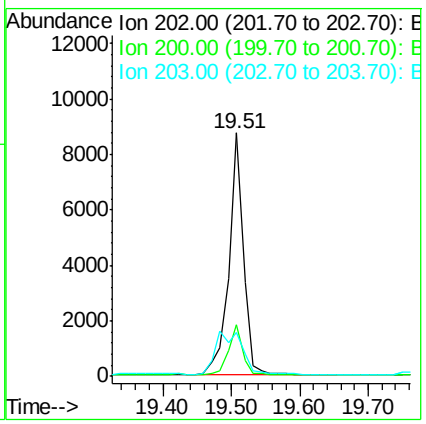




#19
Pyrene
Concen: 0.22 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:202 Resp: 12681

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	18.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
D9N62DL

Manual Integrations APPROVED
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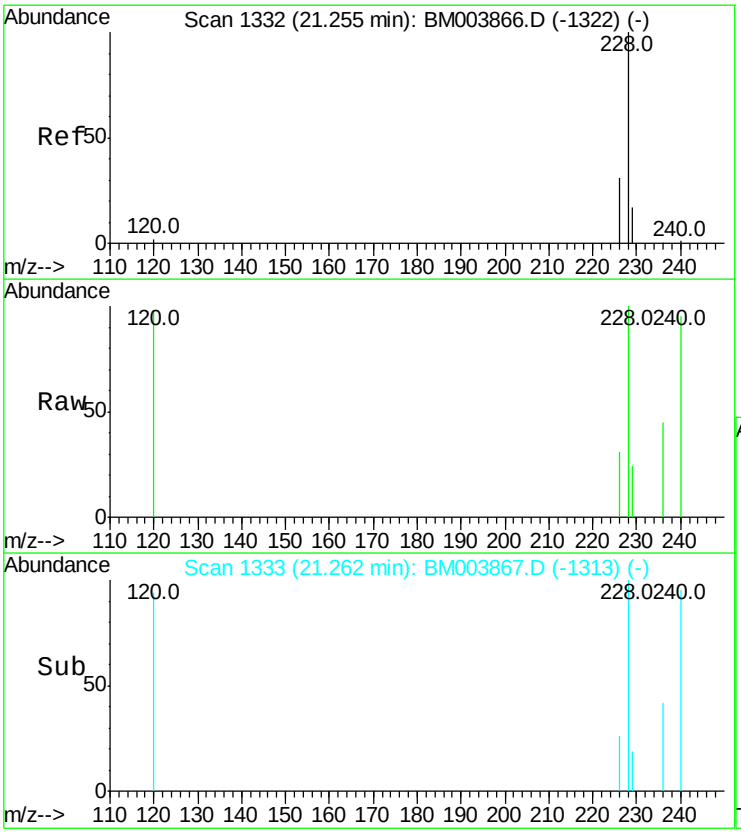
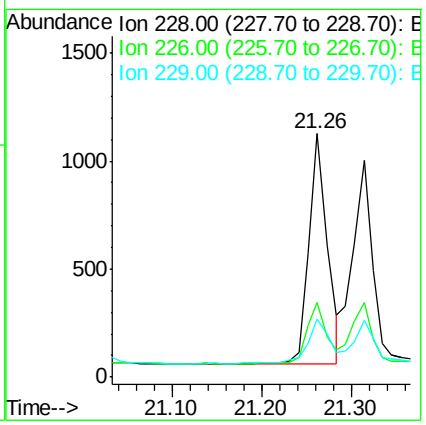
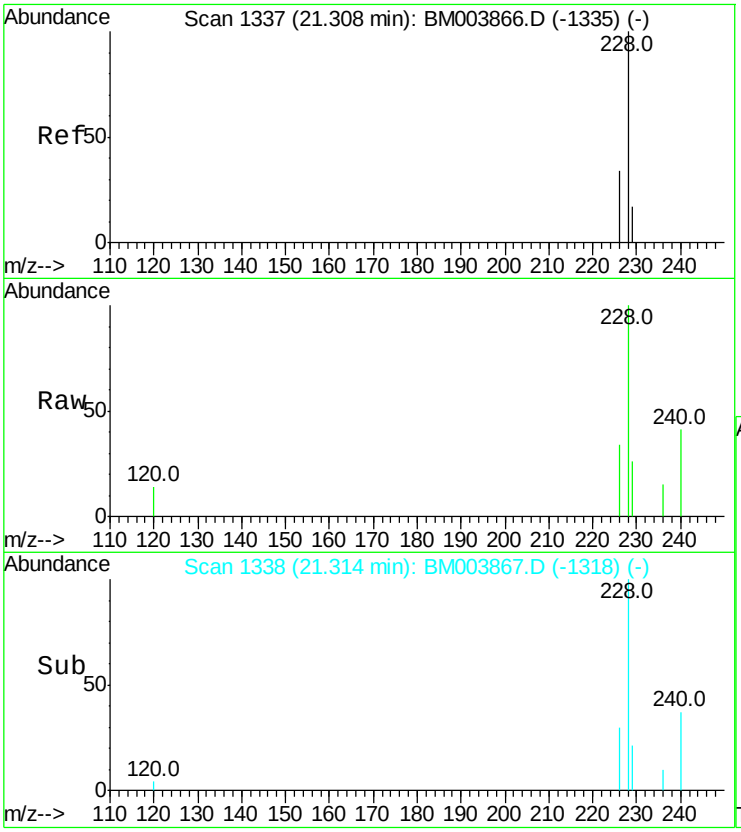


#20
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:228 Resp: 1513

Ion	Ratio	Lower	Upper
228	100		
226	30.6	18.8	28.2#
229	24.0	17.1	25.7

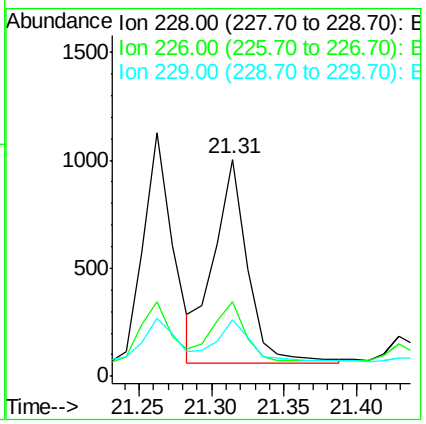




#21
Chrysene
Concen: 0.03 ng/ul m
RT: 21.31 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:228 Resp: 1514

Ion	Ratio	Lower	Upper
228	100		
226	34.2	21.2	31.8#
229	26.0	17.0	25.6#



Instrument :
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ClientSampleId :
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