Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003864.D
Acq On : 30 Dec 2015 00:08
Operator : SJ/UM
Sample : G4848-11DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N57DL

Manual Integrations APPROVED
Sohil
12/30/2015 3:51:19 PM

Quant Time: Dec 30 05:50:15 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 03:30:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4906	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	21185	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	12094	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	26789	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21163	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	17533	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5042	2.40	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2001	0.08	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5180	0.09	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.51	128	13197	0.28	ng/ul	98
7) 2-Methylnaphthalene	12.14	142	1981	0.06	ng/ul	99
10) Acenaphthene	14.38	153	3220	0.09	ng/ul#	82
11) Fluorene	15.38	166	5173m	0.13	ng/ul	
14) Phenanthrene	17.11	178	40086	0.58	ng/ul#	90
15) Anthracene	17.21	178	3934	0.07	ng/ul#	91
17) Fluoranthene	19.14	202	21989	0.29	ng/ul	98
19) Pyrene	19.51	202	16738	0.29	ng/ul	97
20) Benzo(a)anthracene	21.26	228	2516	0.05	ng/ul#	91
21) Chrysene	21.31	228	2488m	0.04	ng/ul	

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

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Manual Integrations APPROVED
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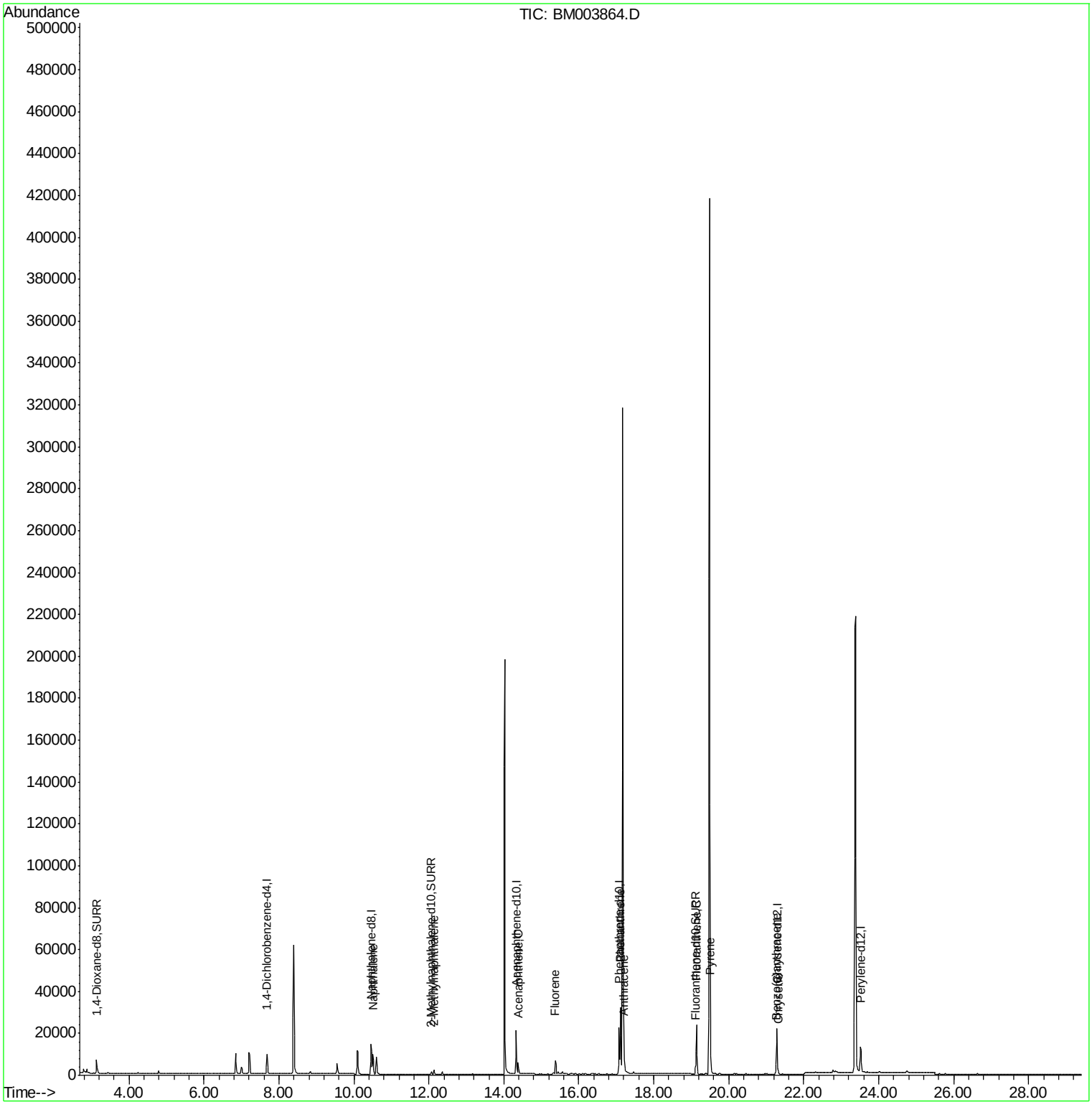
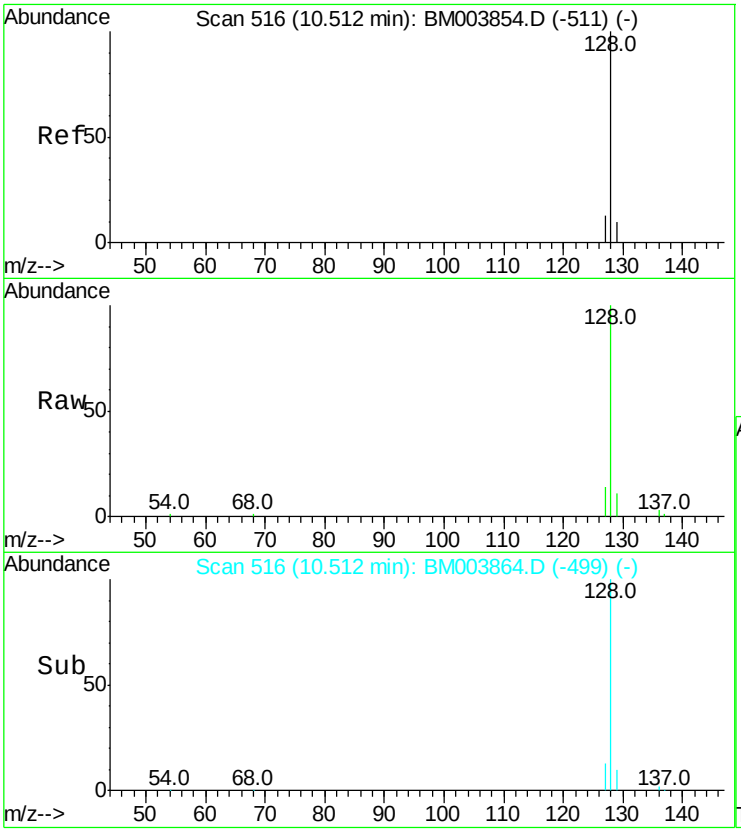
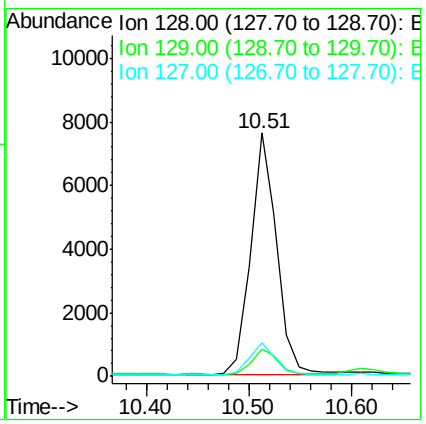




#5
Naphthalene
Concen: 0.28 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.00 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

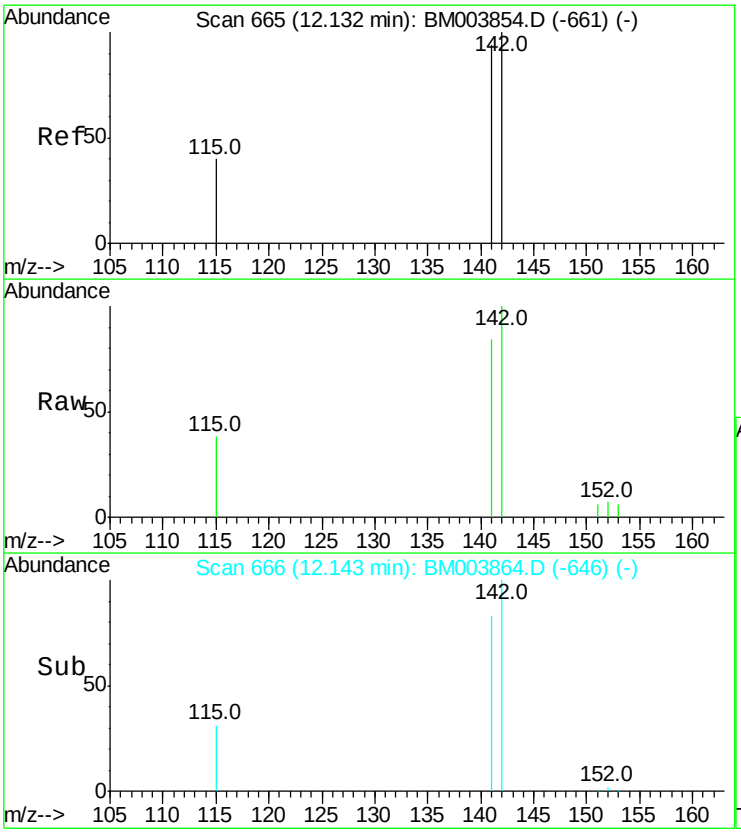
Tgt Ion:128 Resp: 13197

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N57DL

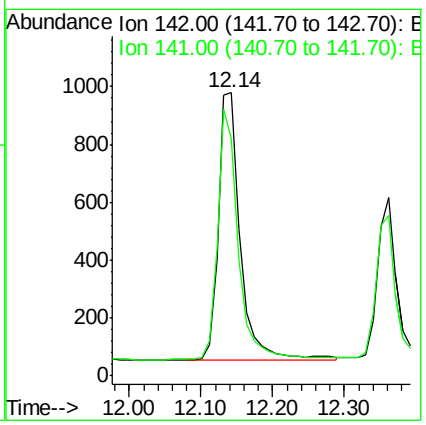
Manual Integrations APPROVED
Sohil
12/30/2015 3:51:19 PM

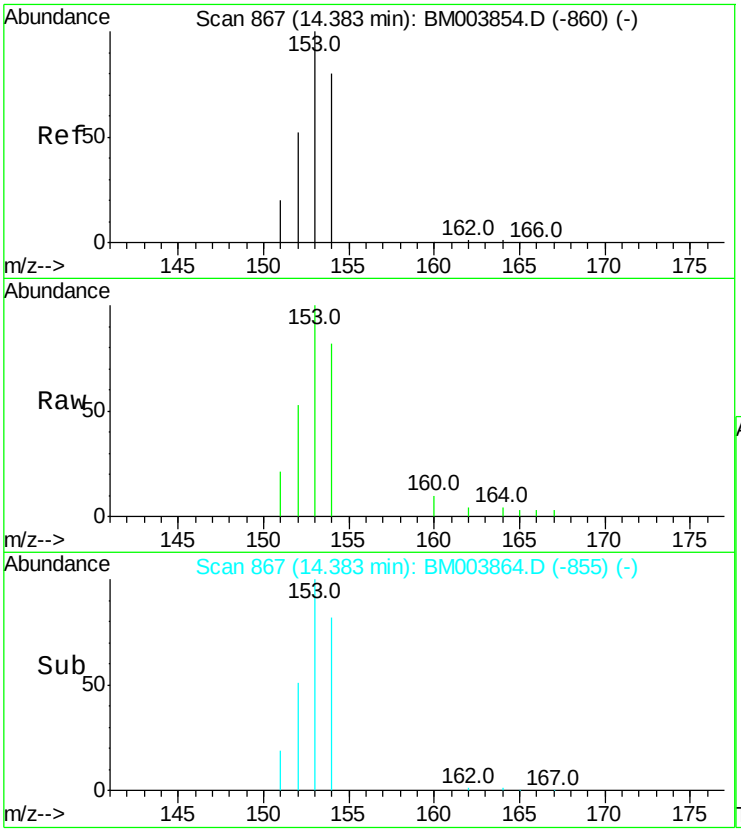


#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.14 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:142 Resp: 1981

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5

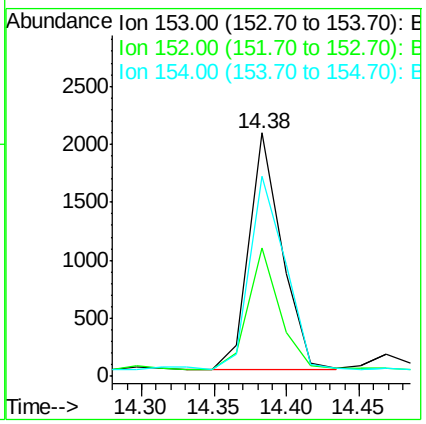




#10
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:153 Resp: 3220

Ion	Ratio	Lower	Upper
153	100		
152	52.5	33.9	50.9#
154	82.3	80.6	121.0



Instrument :
BNA_M
ClientSampleId :
D9N57DL

Manual Integrations APPROVED
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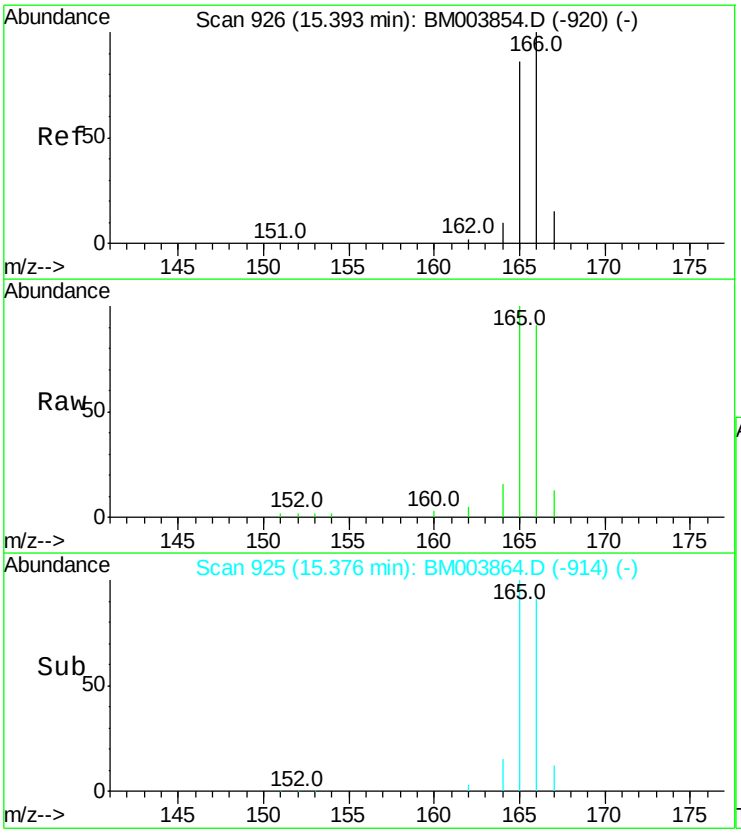
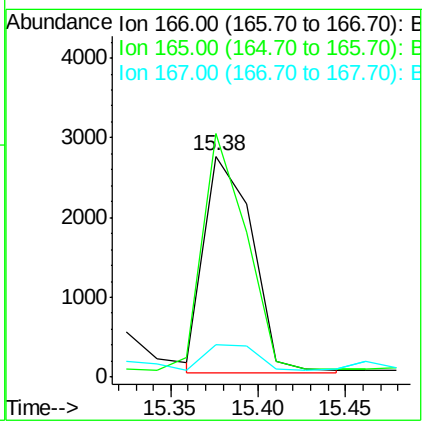
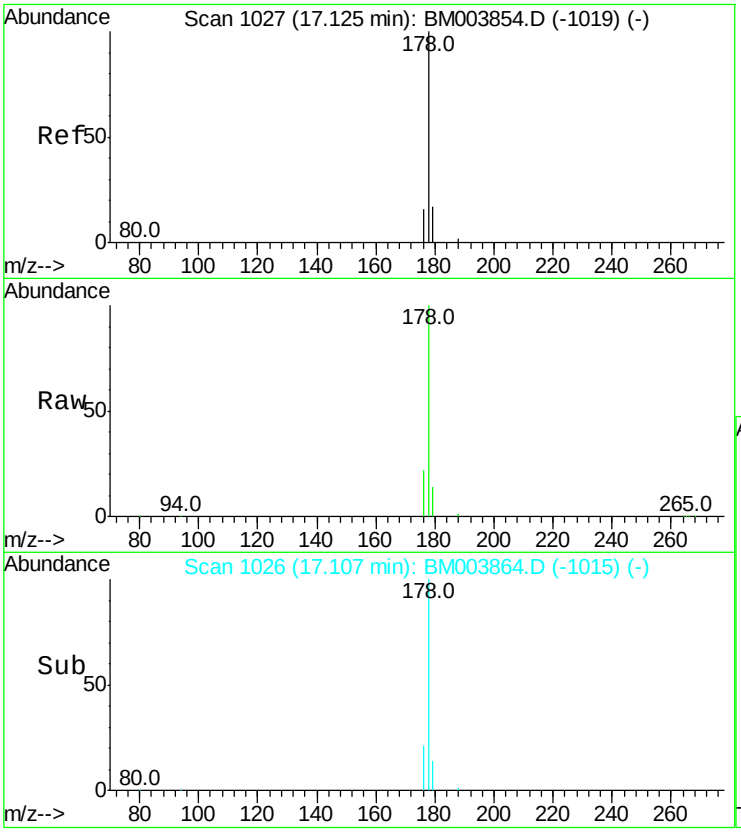


#11
Fluorene
Concen: 0.13 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:166 Resp: 5173

Ion	Ratio	Lower	Upper
166	100		
165	110.1	69.6	104.4#
167	14.8	11.9	17.9

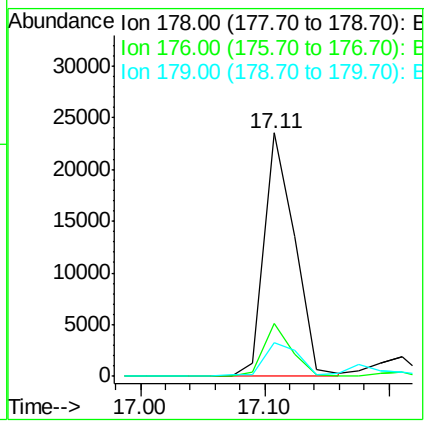




#14
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:178 Resp: 40086

Ion	Ratio	Lower	Upper
178	100		
176	21.5	13.0	19.4#
179	14.0	14.2	21.2#



Instrument :
BNA_M
ClientSampleId :
D9N57DL

Manual Integrations APPROVED
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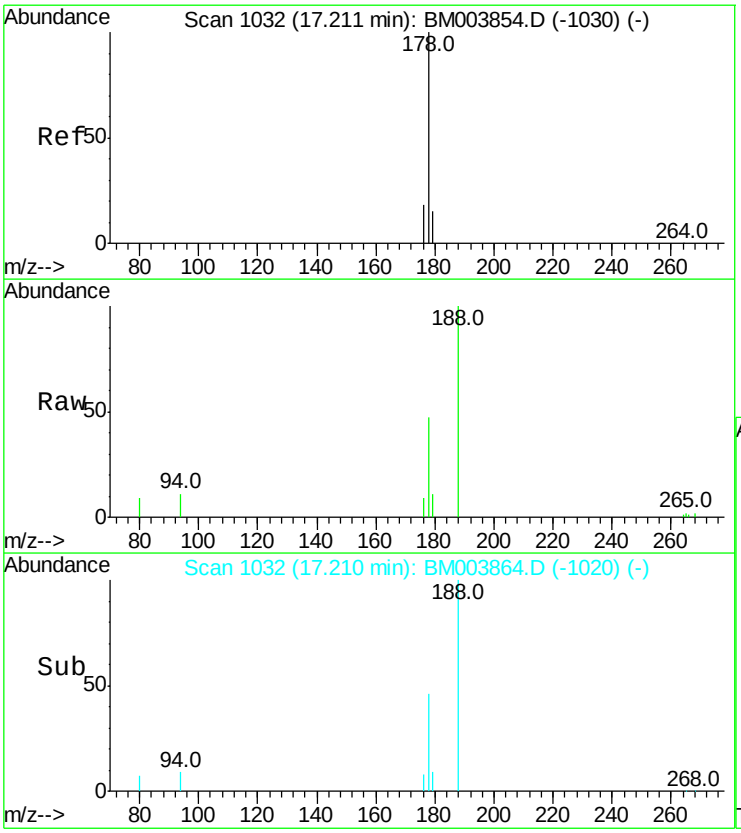
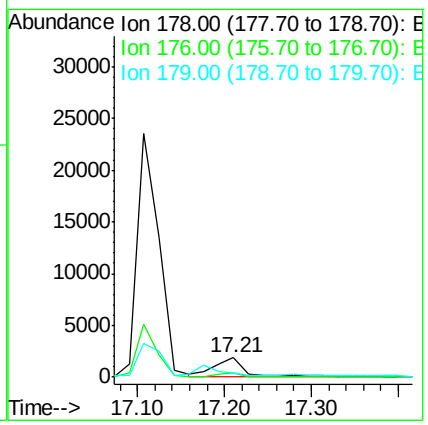
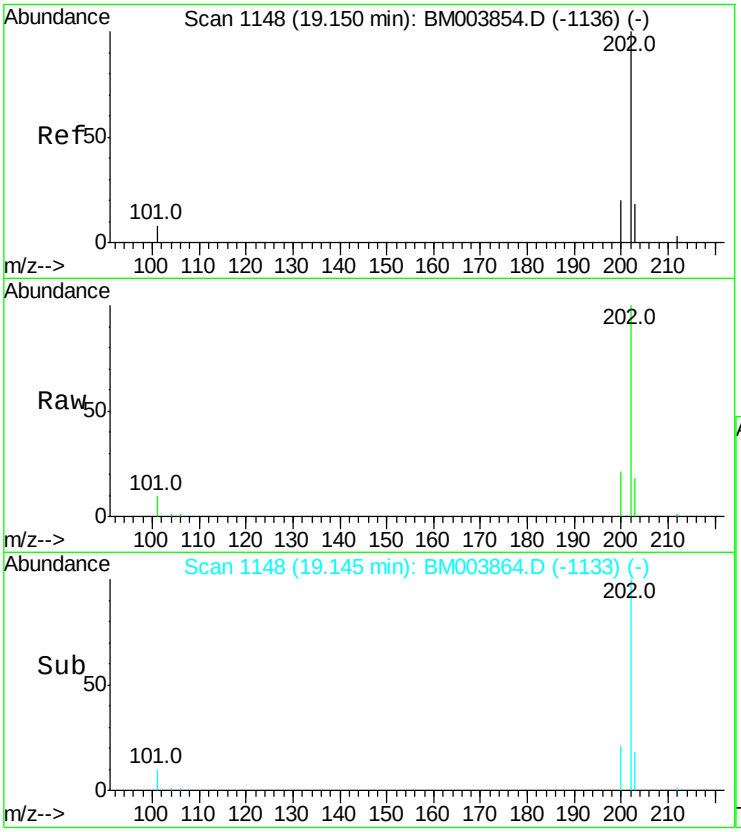


#15
Anthracene
Concen: 0.07 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:178 Resp: 3934

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.0	21.0
179	22.5	12.9	19.3#

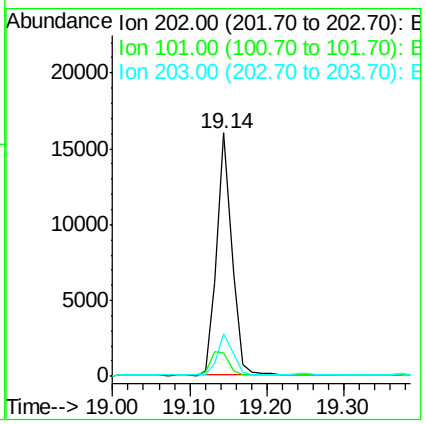




#17
Fluoranthene
Concen: 0.29 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:202 Resp: 21989

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	17.6	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
D9N57DL

Manual Integrations APPROVED
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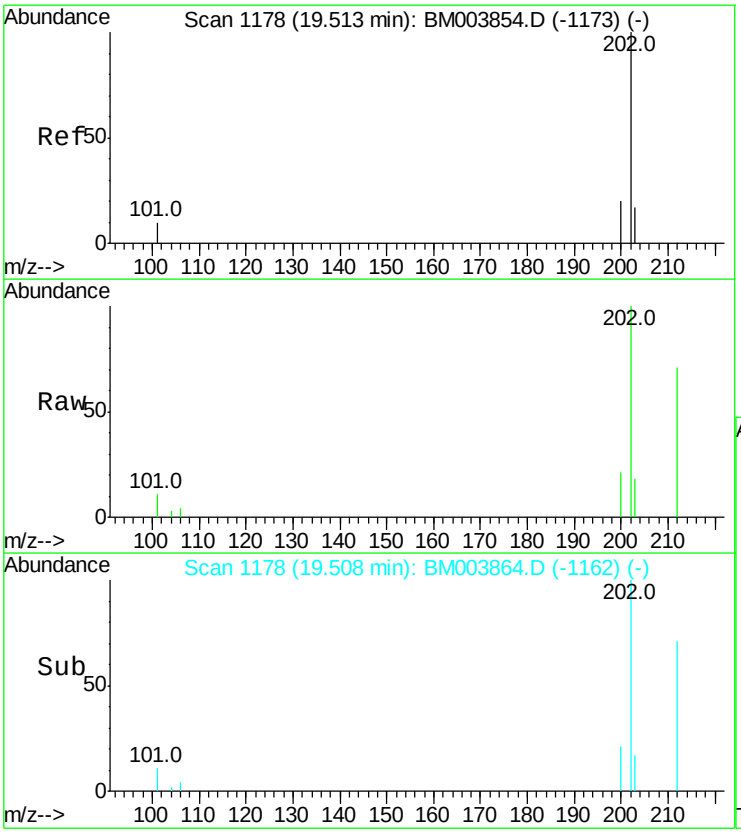
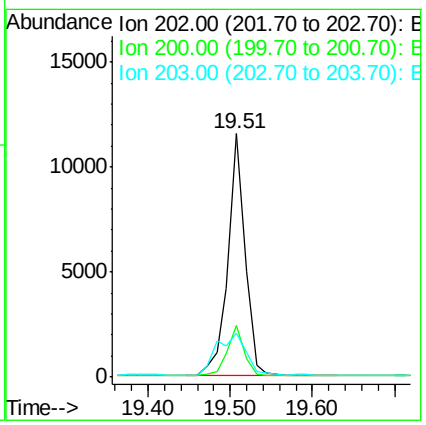
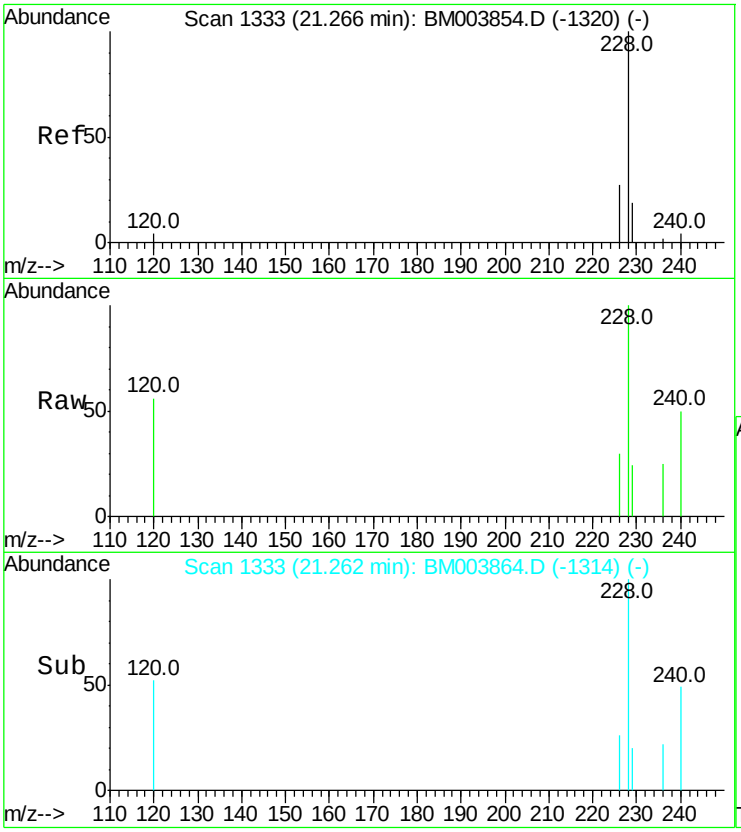


#19
Pyrene
Concen: 0.29 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:202 Resp: 16738

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.8
203	18.0	12.8	19.2

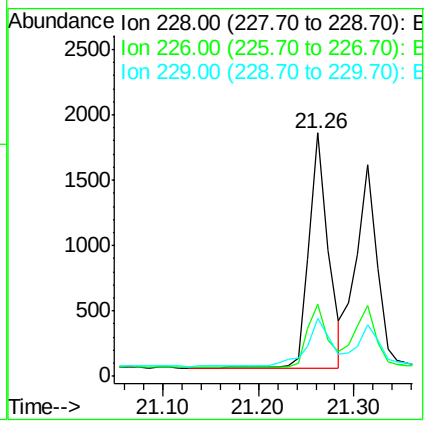




#20
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

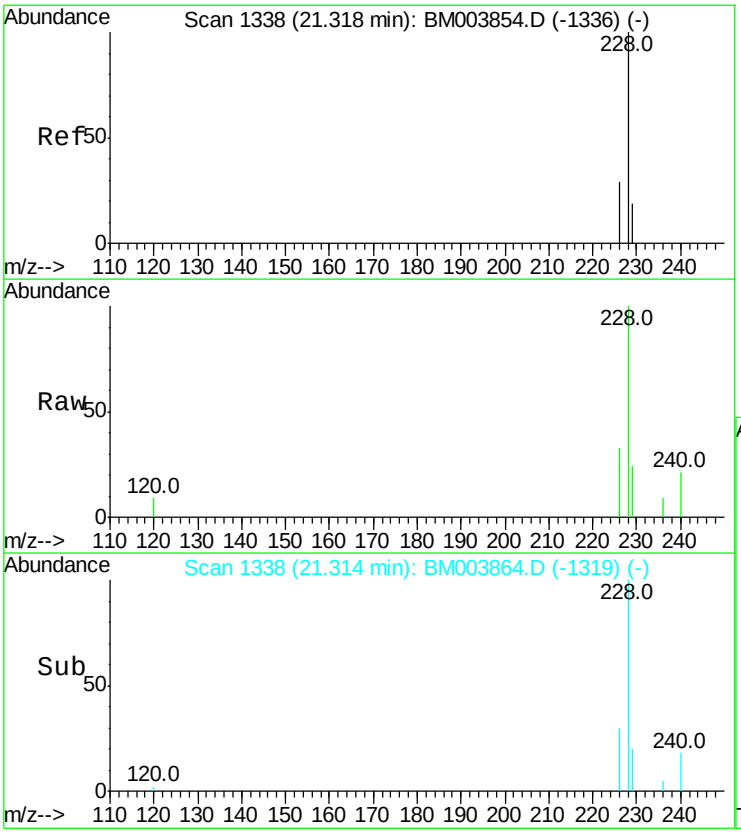
Tgt Ion:228 Resp: 2516

Ion	Ratio	Lower	Upper
228	100		
226	29.6	18.8	28.2#
229	23.6	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
D9N57DL

Manual Integrations APPROVED
Sohil
12/30/2015 3:51:19 PM



#21
Chrysene
Concen: 0.04 ng/ul m
RT: 21.31 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM003864.D
Acq: 30 Dec 2015 00:08

Tgt Ion:228 Resp: 2488

Ion	Ratio	Lower	Upper
228	100		
226	33.2	21.2	31.8#
229	24.4	17.0	25.6