Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003856.D
Acq On : 29 Dec 2015 19:21
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N58

Manual Integrations APPROVED
Sohil
12/30/2015 3:50:52 PM

Quant Time: Dec 30 10:09:24 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	5049	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	22066	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	13096	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	28874m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	22520	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	15123m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	22367	10.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8632	0.33	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21508	0.35	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.51	128	39547	0.80	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	5264	0.16	ng/ul	98
10) Acenaphthene	14.38	153	8793	0.22	ng/ul#	81
11) Fluorene	15.38	166	13657m	0.31	ng/ul	
13) Pentachlorophenol	16.75	266	319	0.08	ng/ul	93
14) Phenanthrene	17.11	178	112826m	1.51	ng/ul	
15) Anthracene	17.21	178	10089	0.16	ng/ul	96
17) Fluoranthene	19.14	202	67396	0.83	ng/ul	99
19) Pyrene	19.51	202	49776	0.82	ng/ul	99
20) Benzo(a)anthracene	21.26	228	7831	0.14	ng/ul#	94
21) Chrysene	21.31	228	7163m	0.11	ng/ul	

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

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Manual Integrations APPROVED
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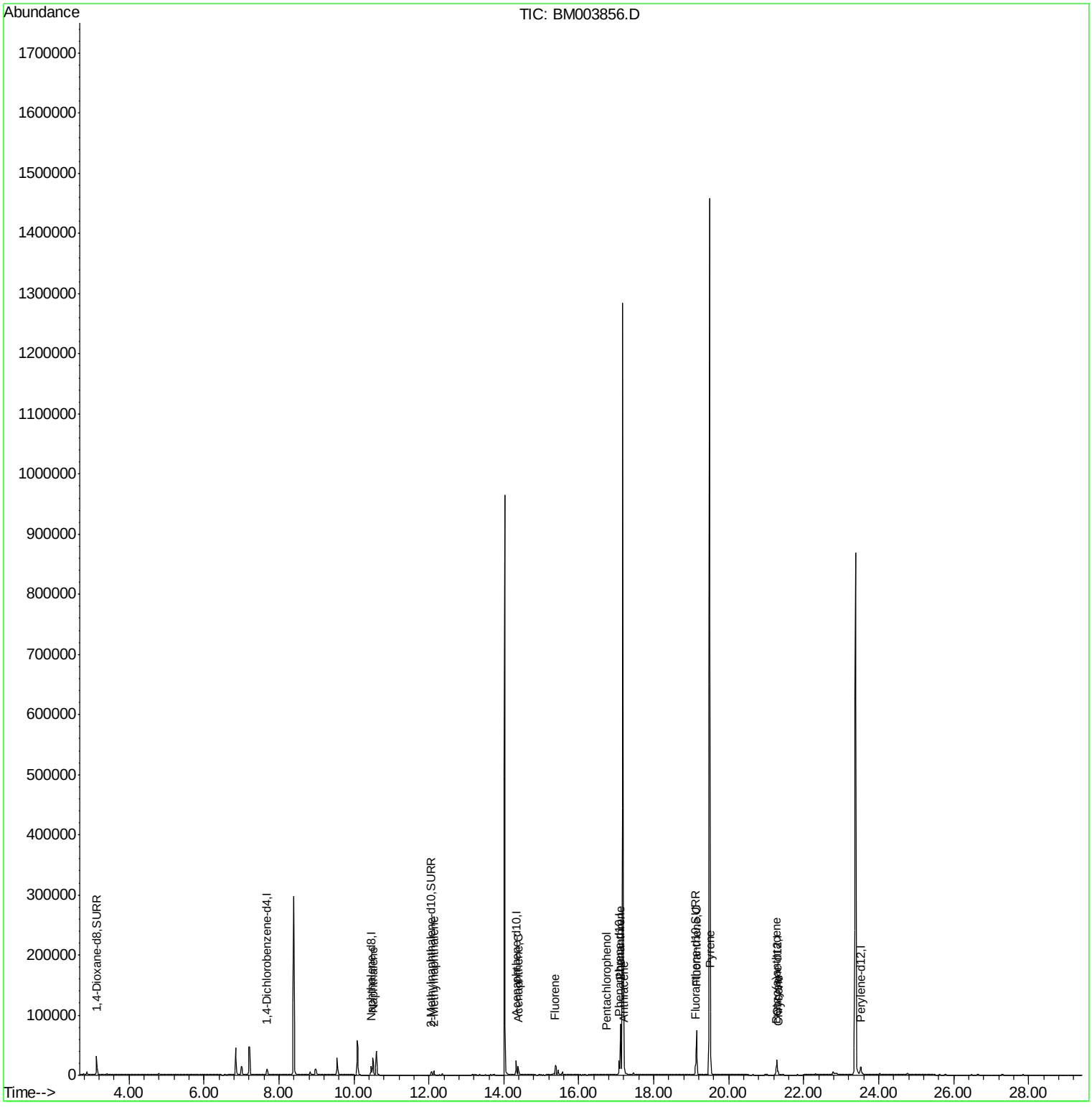
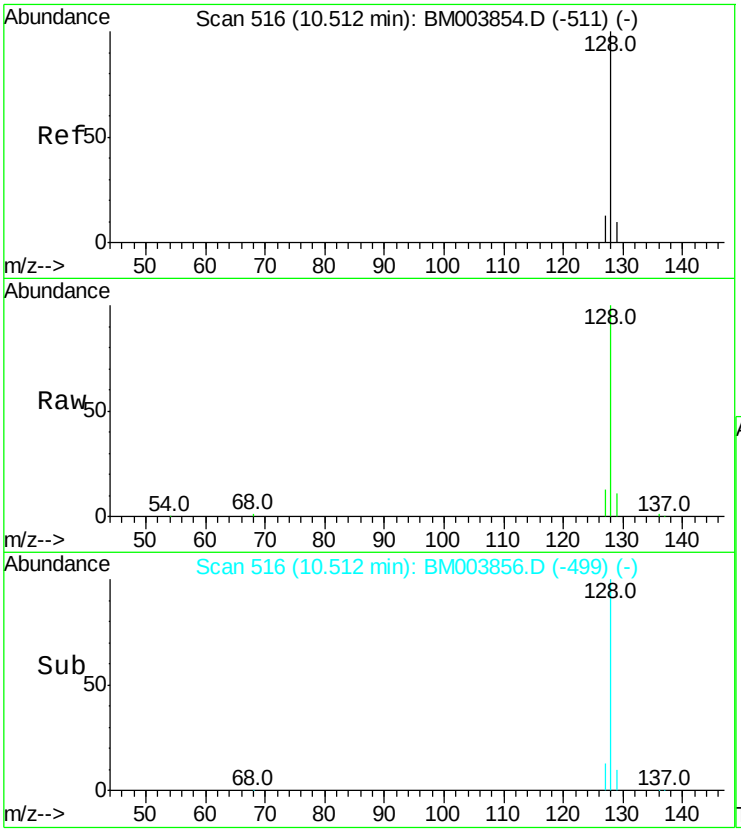
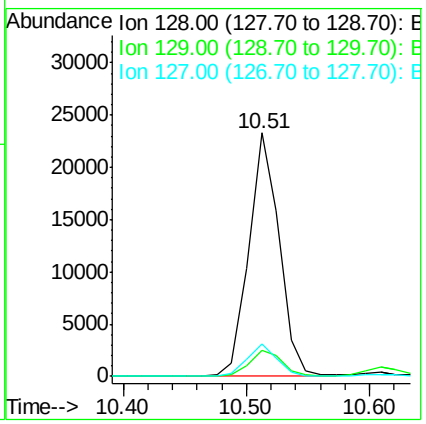




#5
Naphthalene
Concen: 0.80 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:128 Resp: 39547

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.3	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N58

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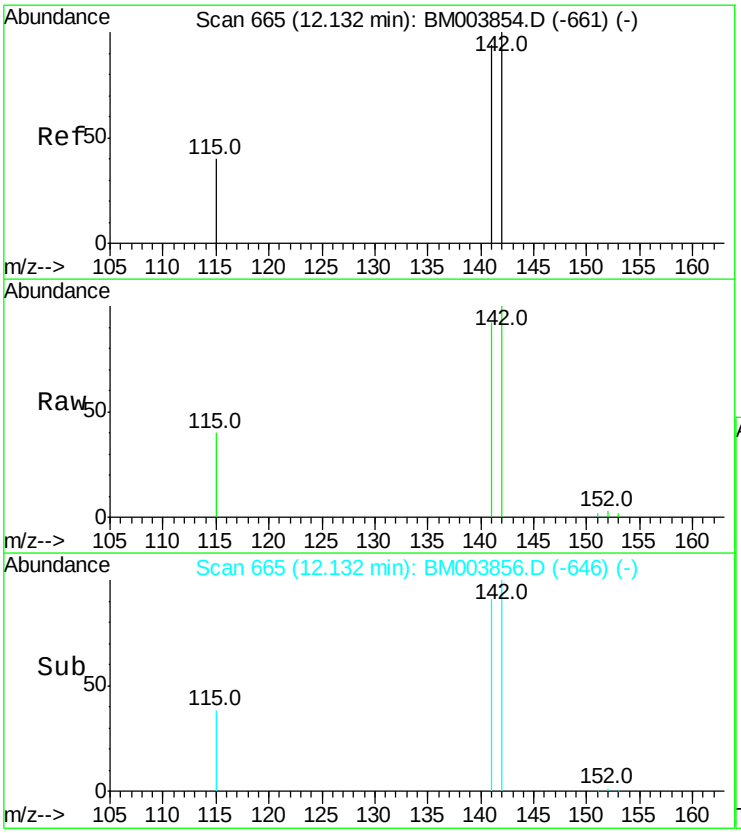
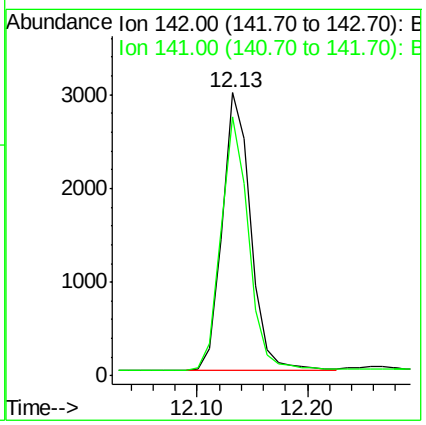
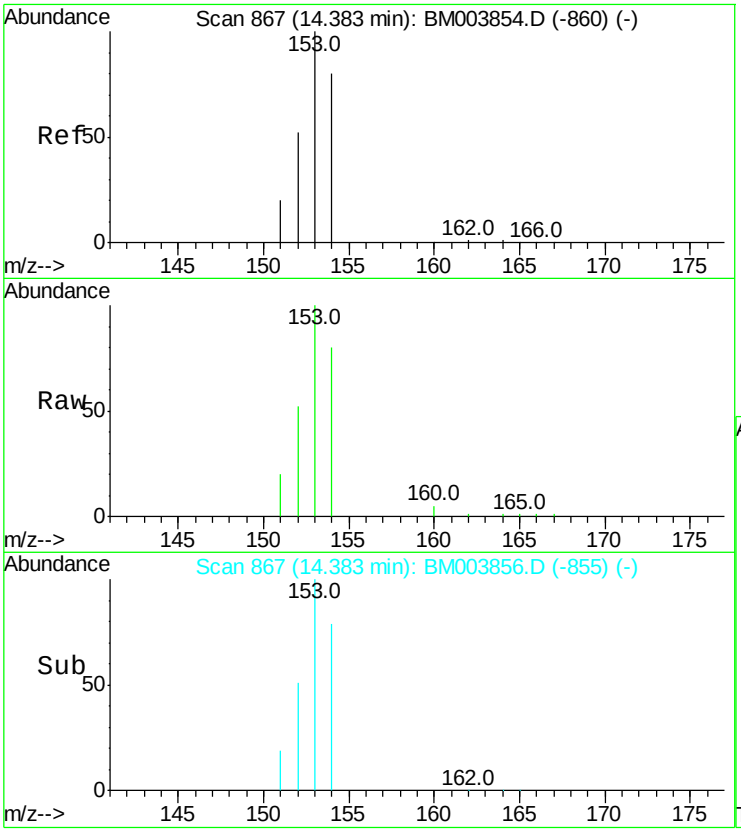


#7
2-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:142 Resp: 5264

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5

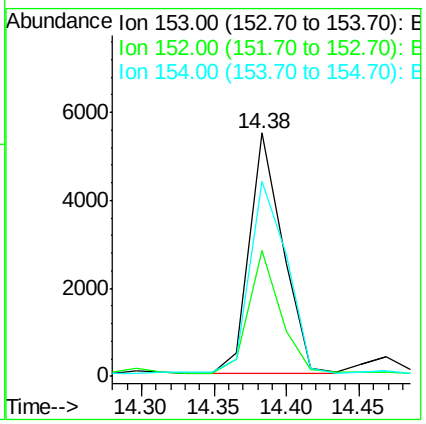




#10
Acenaphthene
Concen: 0.22 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:153 Resp: 8793

Ion	Ratio	Lower	Upper
153	100		
152	51.9	33.9	50.9#
154	79.8	80.6	121.0#



Instrument :
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ClientSampleId :
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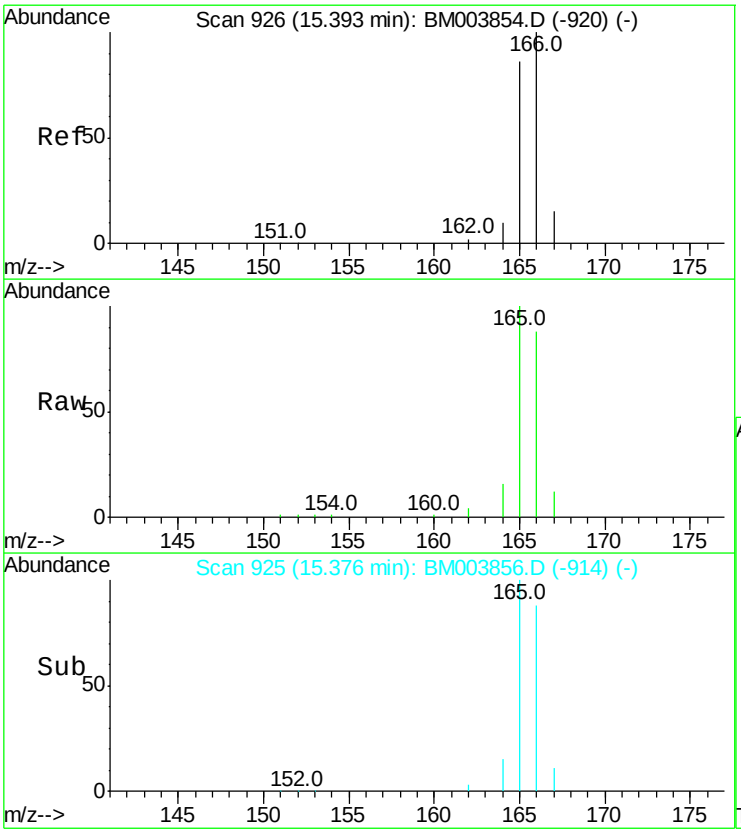
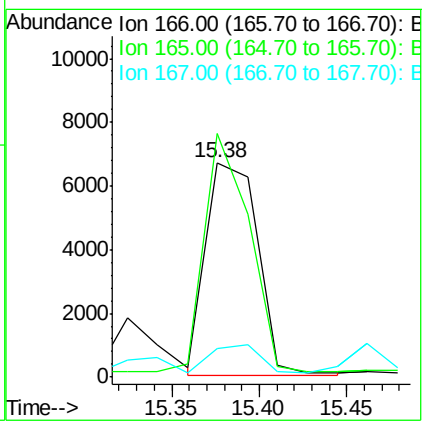
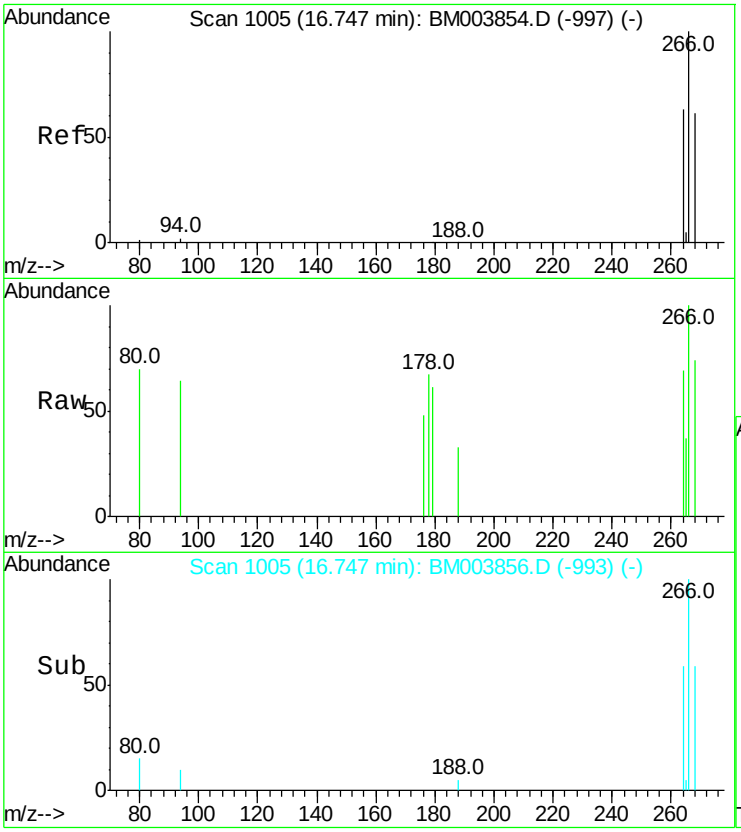


#11
Fluorene
Concen: 0.31 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:166 Resp: 13657

Ion	Ratio	Lower	Upper
166	100		
165	113.6	69.6	104.4#
167	13.6	11.9	17.9

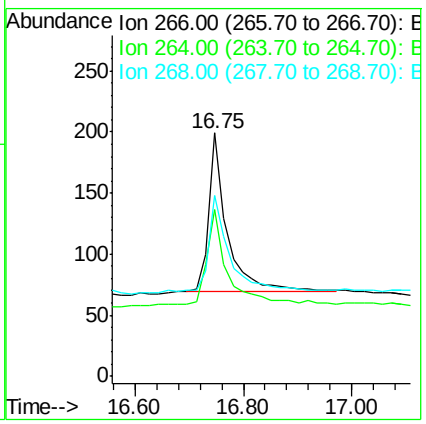




#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 16.75 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:266 Resp: 319

Ion	Ratio	Lower	Upper
266	100		
264	64.3	51.8	77.8
268	69.3	46.8	70.2



Instrument :
BNA_M
ClientSampleId :
D9N58

Manual Integrations APPROVED
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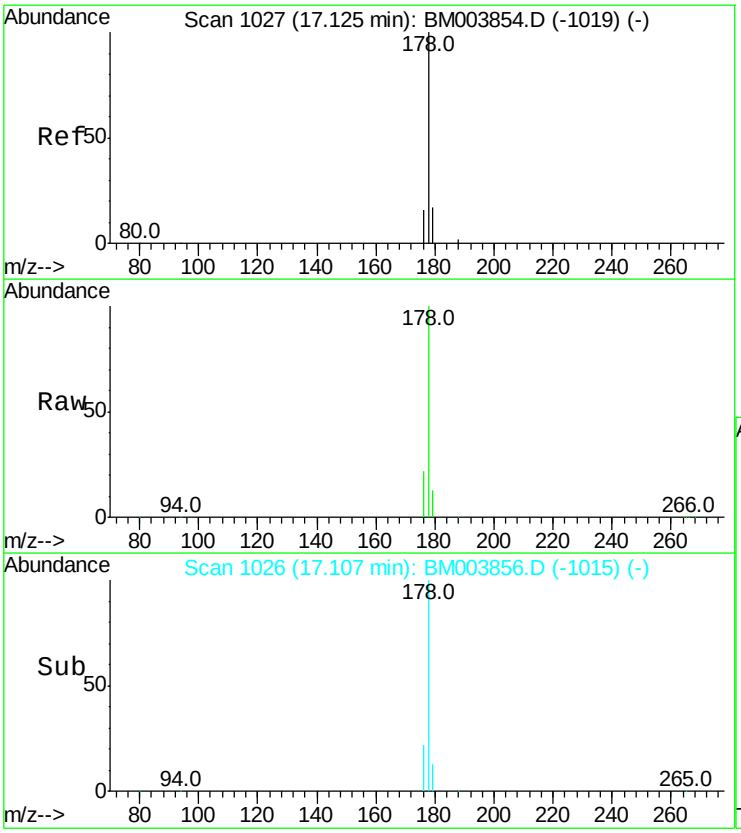
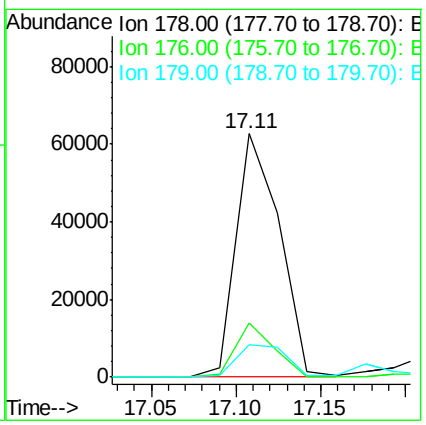
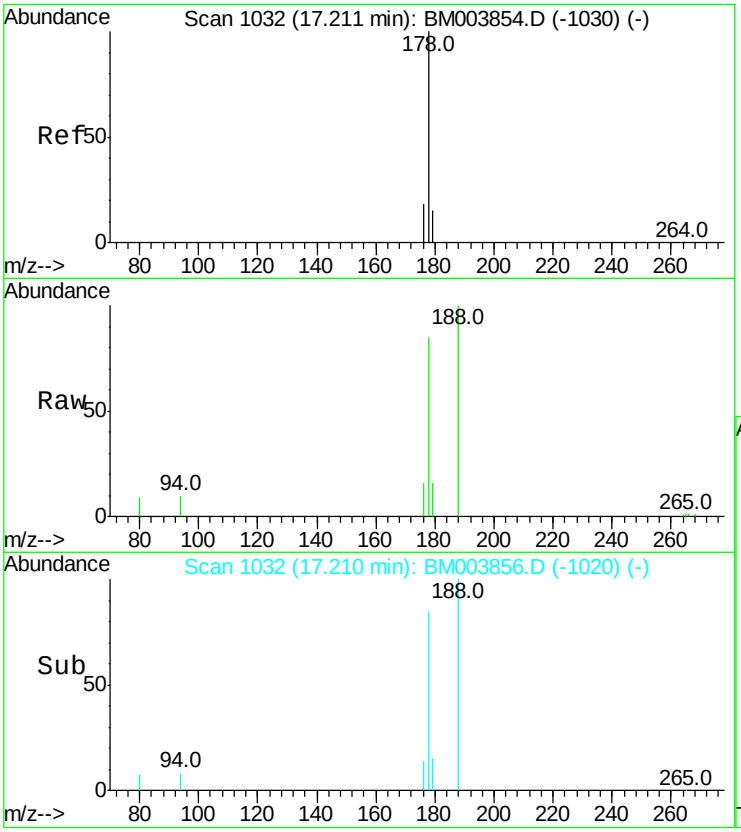


#14
Phenanthrene
Concen: 1.51 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:178 Resp: 112826

Ion	Ratio	Lower	Upper
178	100		
176	22.0	13.0	19.4#
179	13.4	14.2	21.2#

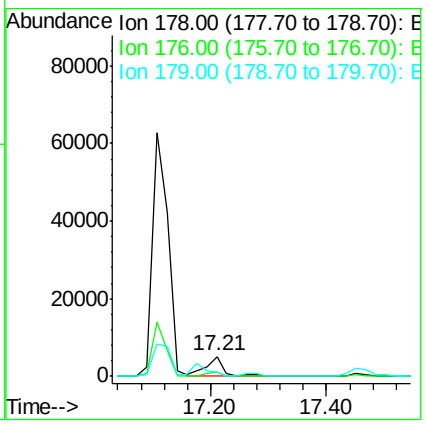




#15
Anthracene
Concen: 0.16 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:178 Resp: 10089

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.0	21.0
179	19.1	12.9	19.3



Instrument :
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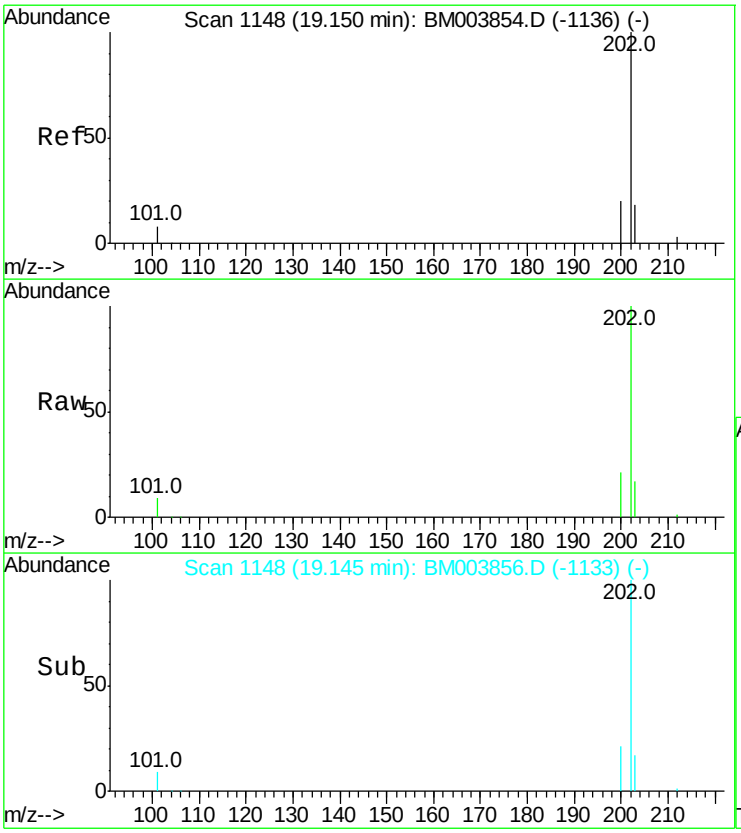
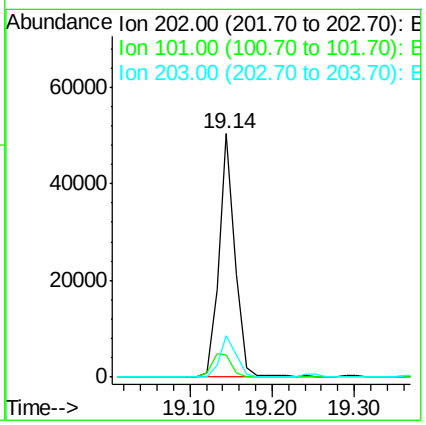
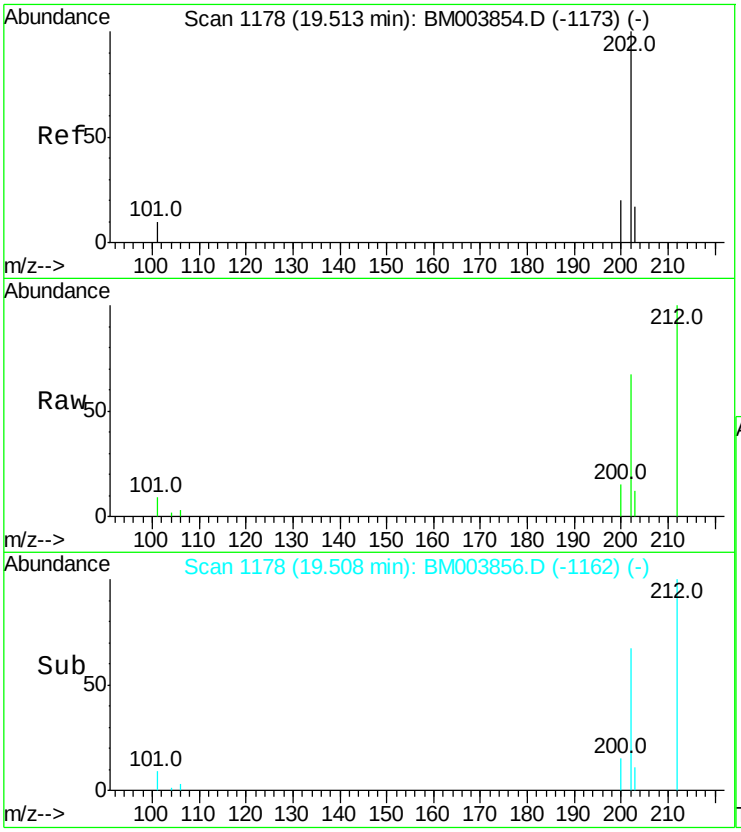


#17
Fluoranthene
Concen: 0.83 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:202 Resp: 67396

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	17.1	0.0	36.3





#19
Pyrene
Concen: 0.82 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:202 Resp: 49776

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	17.3	12.8	19.2

Instrument :
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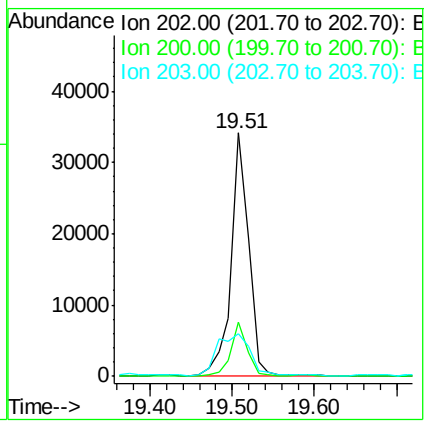
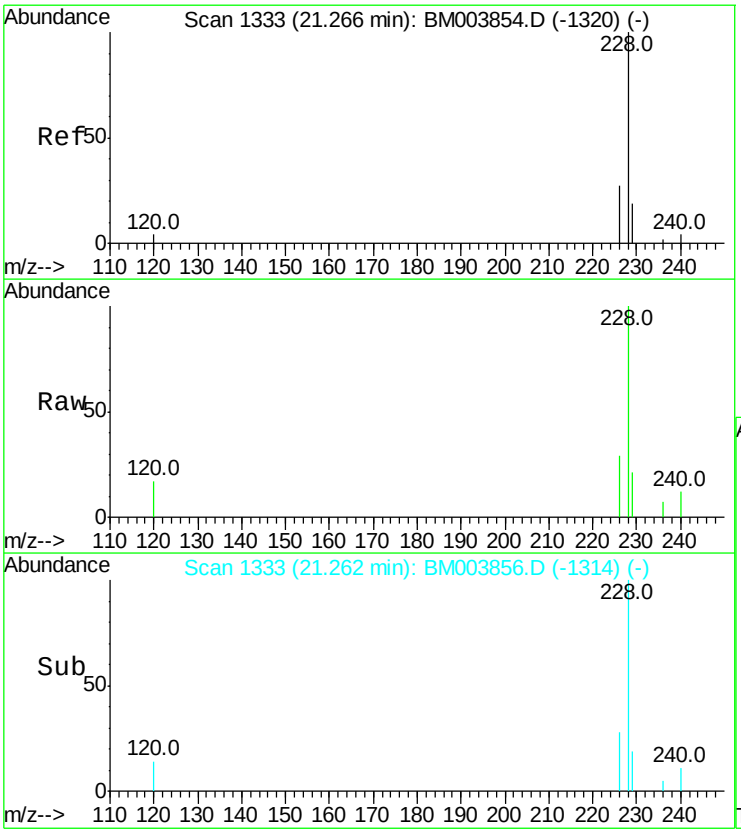
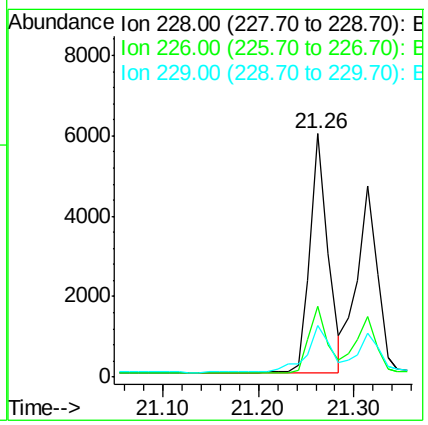


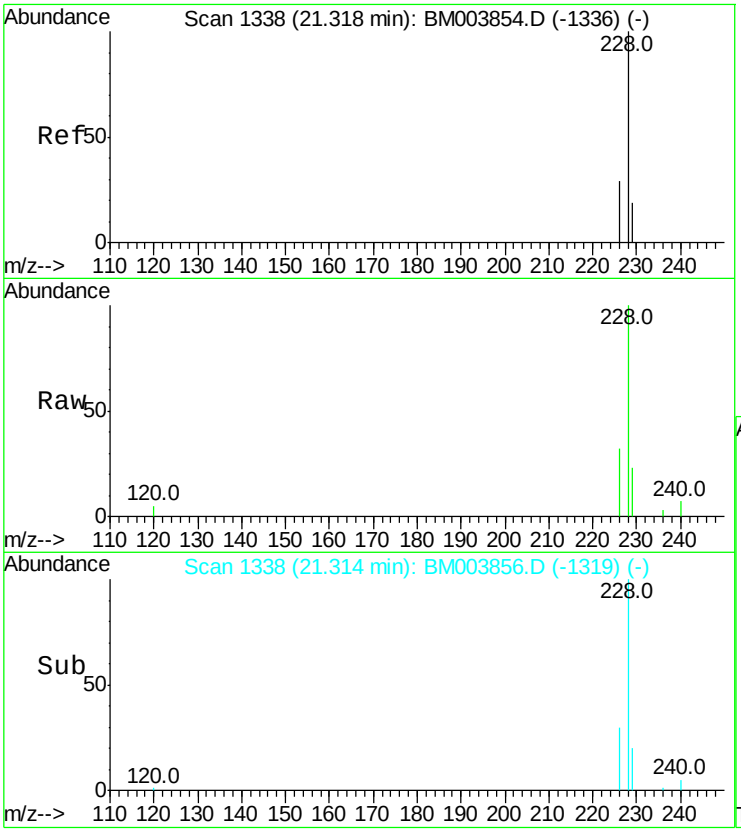


#20
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:228 Resp: 7831

Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	21.3	17.1	25.7

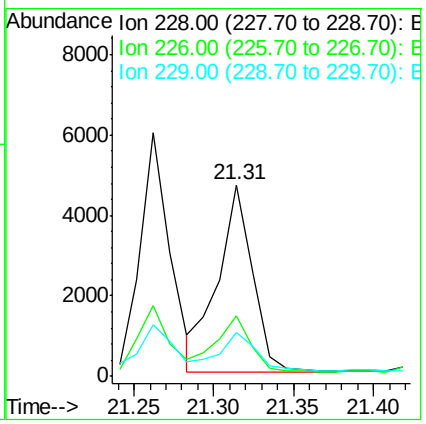




#21
Chrysene
Concen: 0.11 ng/ul m
RT: 21.31 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM003856.D
Acq: 29 Dec 2015 19:21

Tgt Ion:228 Resp: 7163

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.2	31.8#
229	22.7	17.0	25.6



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