Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002750.D
Acq On : 29 Sep 2015 01:10
Operator : UM/IZ
Sample : G3798-26MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM

Quant Time: Sep 29 05:04:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8181	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	31705	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17272	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	38022m	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	39635m	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	49029m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	17433	2.06	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5619m	0.12	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12099m	0.13	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.65	128	29953	0.35	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	15765	0.29	ng/ul	99
9) Acenaphthylene	15.06	152	110444	1.24	ng/ul	96
10) Acenaphthene	15.38	153	799507	12.30	ng/ul	95
11) Fluorene	16.36	166	203807m	2.75	ng/ul	
13) Pentachlorophenol	17.69	266	68515	9.23	ng/ul	95
14) Phenanthrene	18.08	178	5280435m	42.68	ng/ul	
15) Anthracene	18.17	178	1001772	8.76	ng/ul	96
17) Fluoranthene	20.05	202	10726037	79.71	ng/ul	92
19) Pyrene	20.40	202	9567363	61.94	ng/ul	96
20) Benzo(a)anthracene	22.10	228	4066641m	30.70	ng/ul	
21) Chrysene	22.17	228	4784928m	37.74	ng/ul	
23) Benzo(b)fluoranthene	23.94	252	5771076m	32.65	ng/ul	
24) Benzo(k)fluoranthene	23.98	252	2495503m	15.24	ng/ul	
25) Benzo(a)pyrene	24.63	252	3747379m	23.03	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.49	276	2991322m	16.48	ng/ul	
27) Dibenzo(a,h)anthracene	27.48	278	771826m	5.18	ng/ul	
28) Benzo(g,h,i)perylene	28.35	276	2447859m	15.90	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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Acq On : 29 Sep 2015 01:10
Operator : UM/IZ
Sample : G3798-26MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 29 05:04:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
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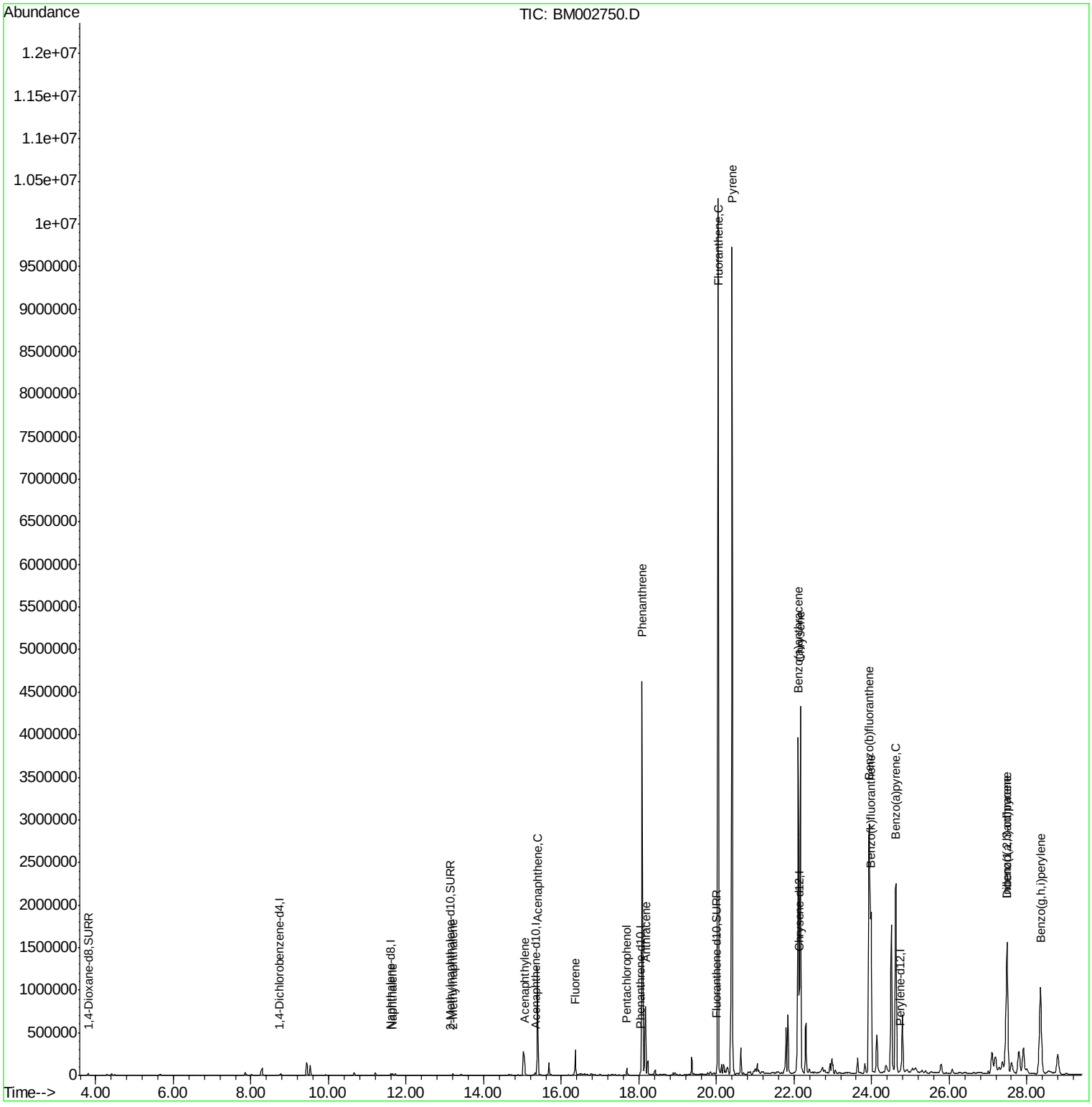
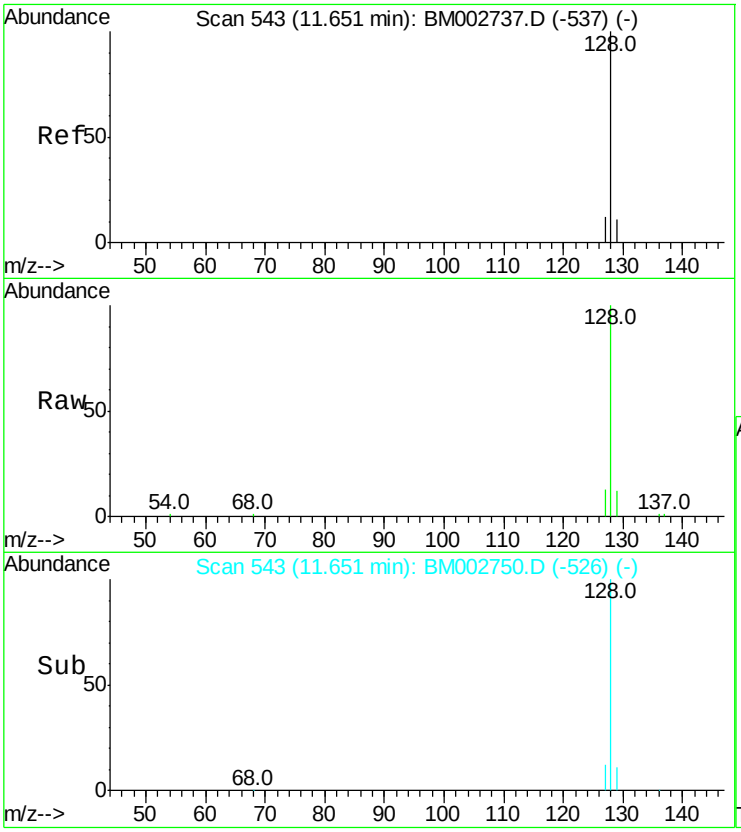
9/29/2015 3:44:00 PM

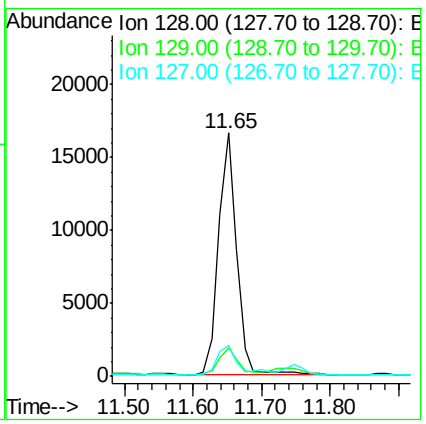




#5
Naphthalene
Concen: 0.35 ng/ul
RT: 11.65 min Scan# 543
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:128 Resp: 29953

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.8
127	12.7	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
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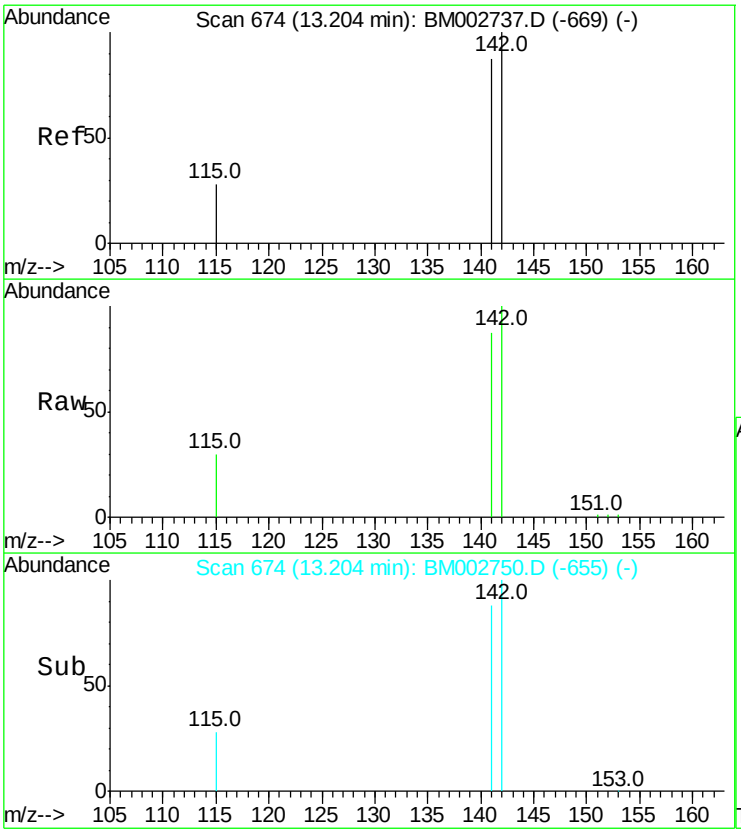
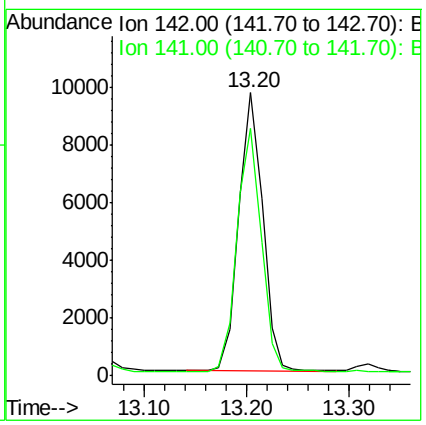
9/29/2015 3:44:00 PM

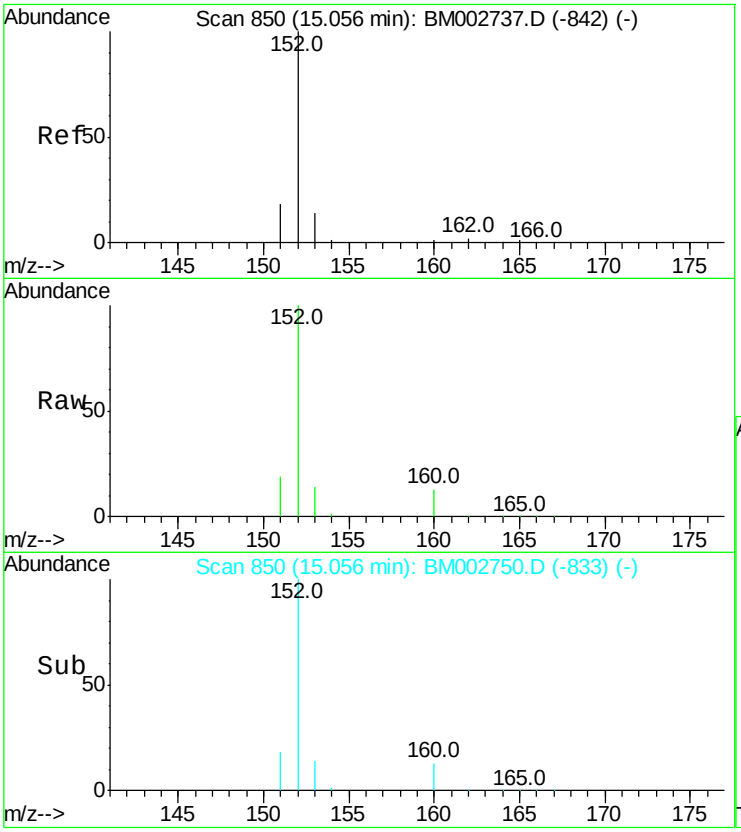


#7
2-Methylnaphthalene
Concen: 0.29 ng/ul
RT: 13.20 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:142 Resp: 15765

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5

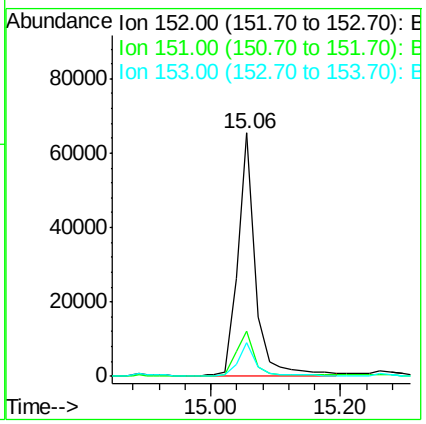




#9
Acenaphthylene
Concen: 1.24 ng/ul
RT: 15.06 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:152 Resp: 110444

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.8	25.2
153	13.7	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
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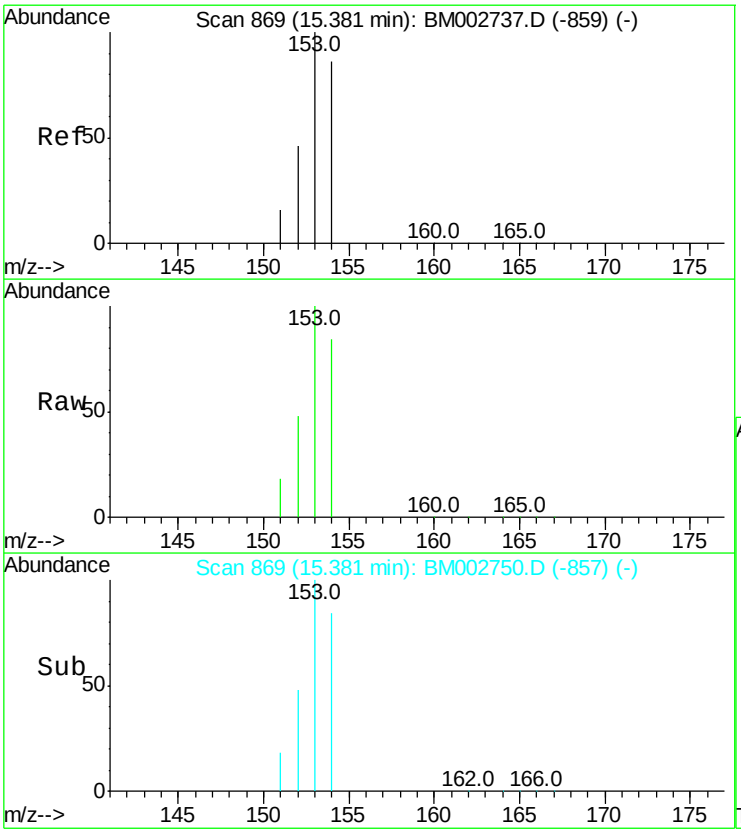
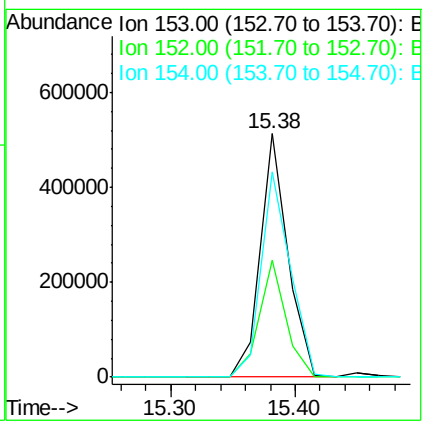
9/29/2015 3:44:00 PM

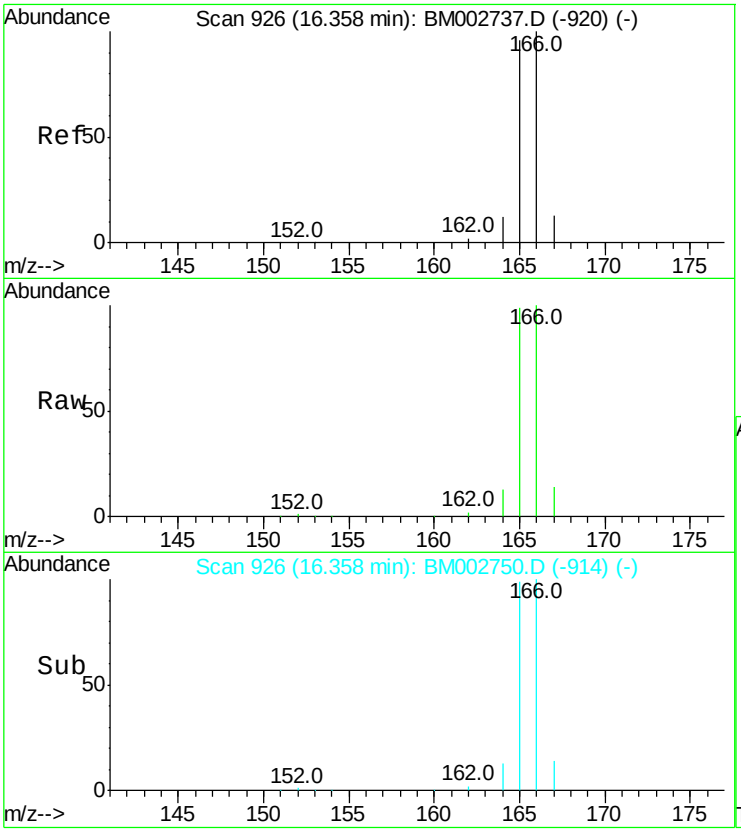


#10
Acenaphthene
Concen: 12.30 ng/ul
RT: 15.38 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:153 Resp: 799507

Ion	Ratio	Lower	Upper
153	100		
152	47.9	42.3	63.5
154	84.4	64.7	97.1

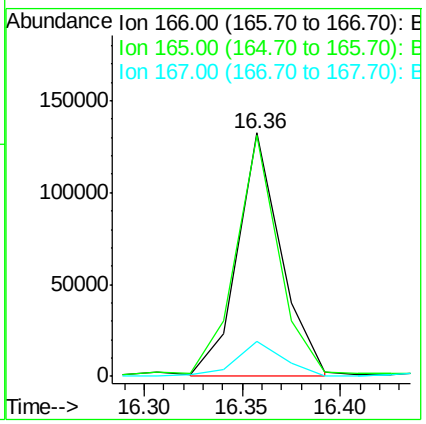




#11
Fluorene
Concen: 2.75 ng/ul m
RT: 16.36 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:166 Resp: 203807

Ion	Ratio	Lower	Upper
166	100		
165	98.9	87.6	131.4
167	14.1	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
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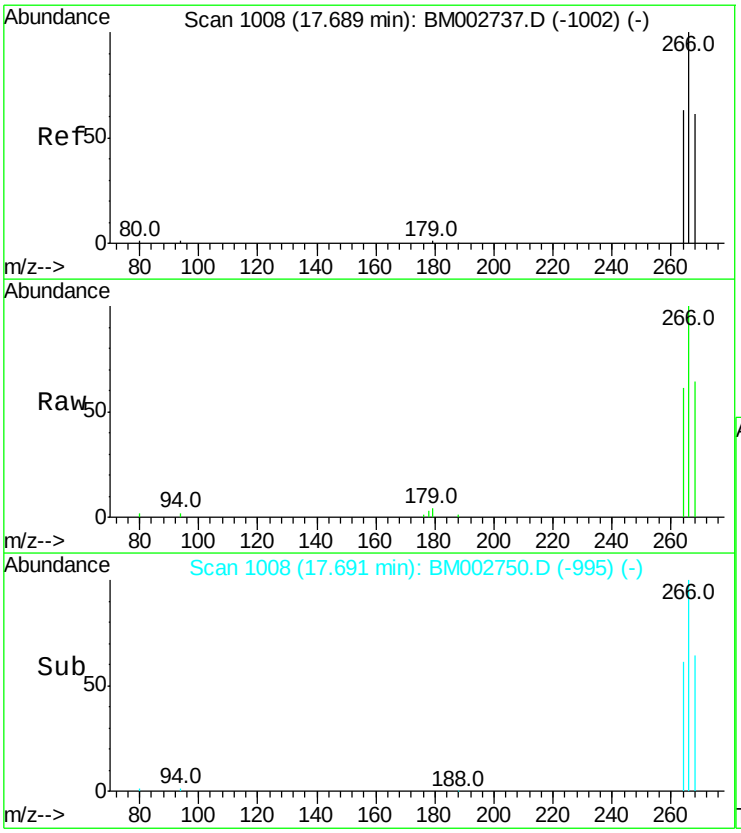
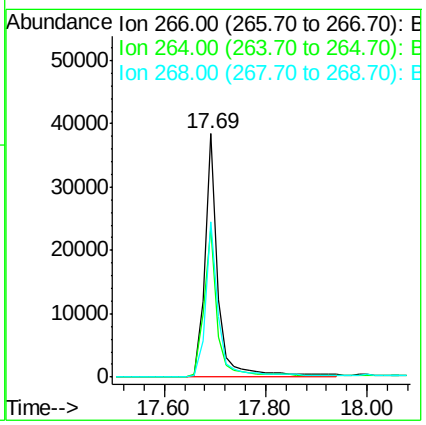
9/29/2015 3:44:00 PM

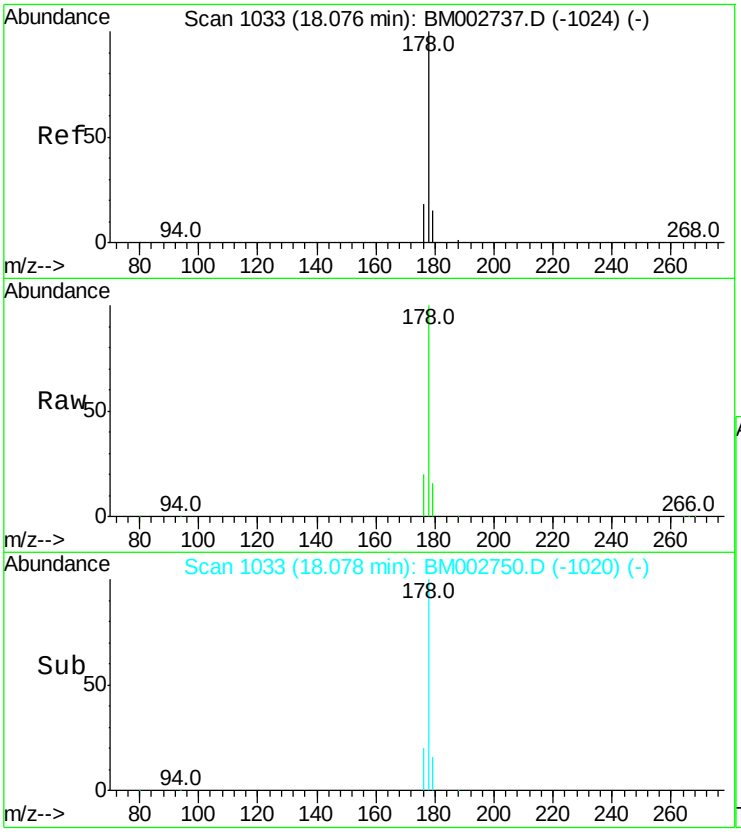


#13
Pentachlorophenol
Concen: 9.23 ng/ul
RT: 17.69 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:266 Resp: 68515

Ion	Ratio	Lower	Upper
266	100		
264	63.0	53.5	80.3
268	64.0	54.2	81.2

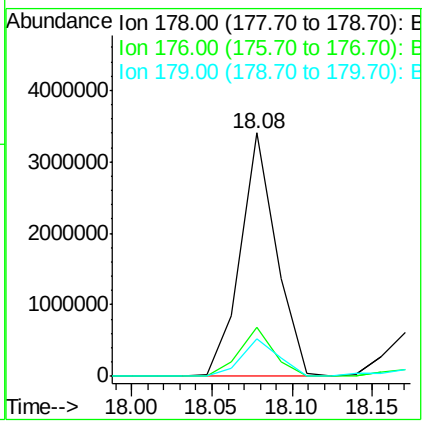




#14
Phenanthrene
Concen: 42.68 ng/ul m
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:178 Resp: 5280435

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.6	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
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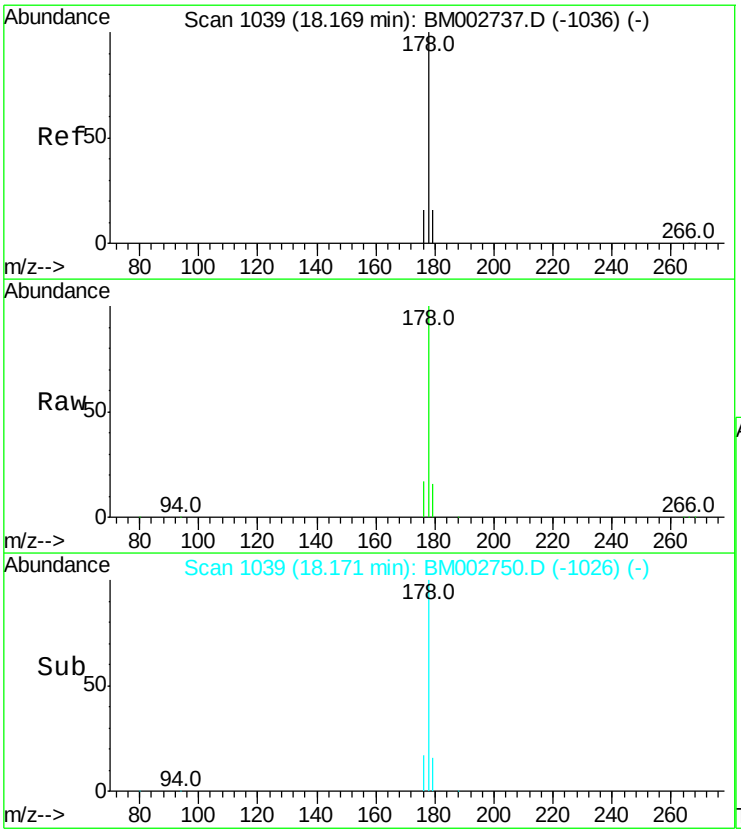
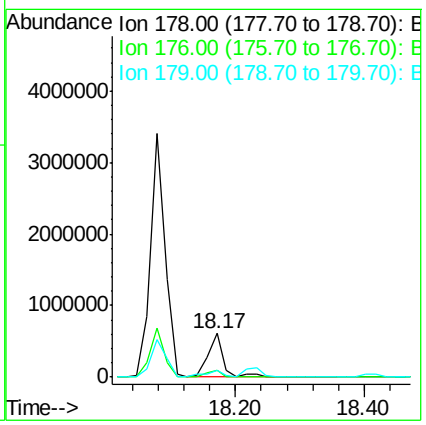
9/29/2015 3:44:00 PM

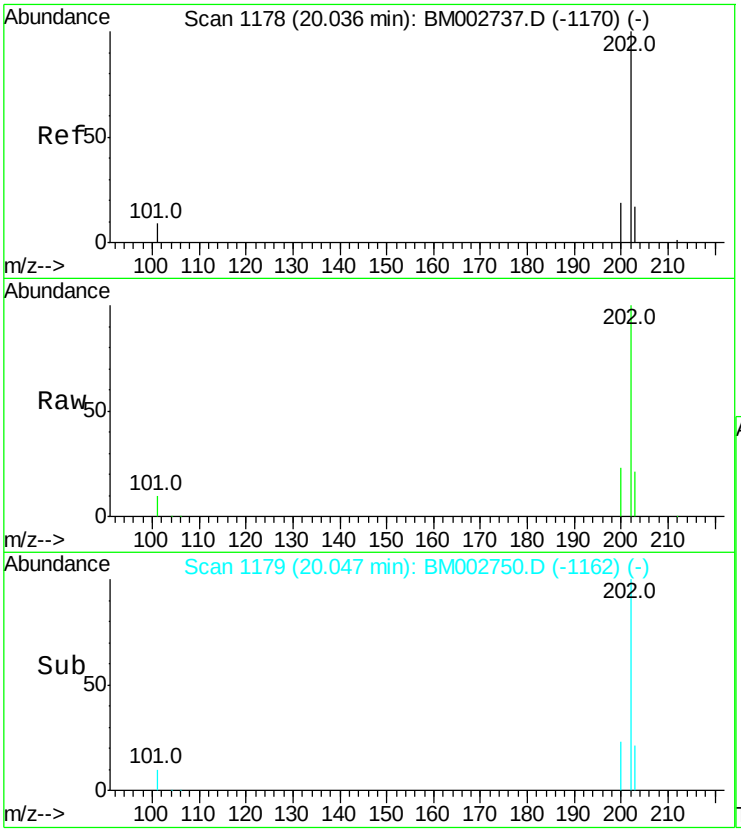


#15
Anthracene
Concen: 8.76 ng/ul
RT: 18.17 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:178 Resp: 1001772

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.8	23.8
179	16.2	13.3	19.9

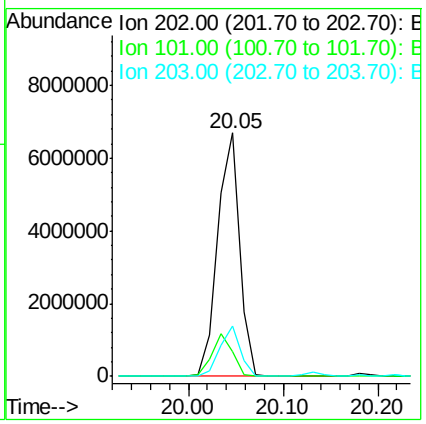




#17
Fluoranthene
Concen: 79.71 ng/ul
RT: 20.05 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

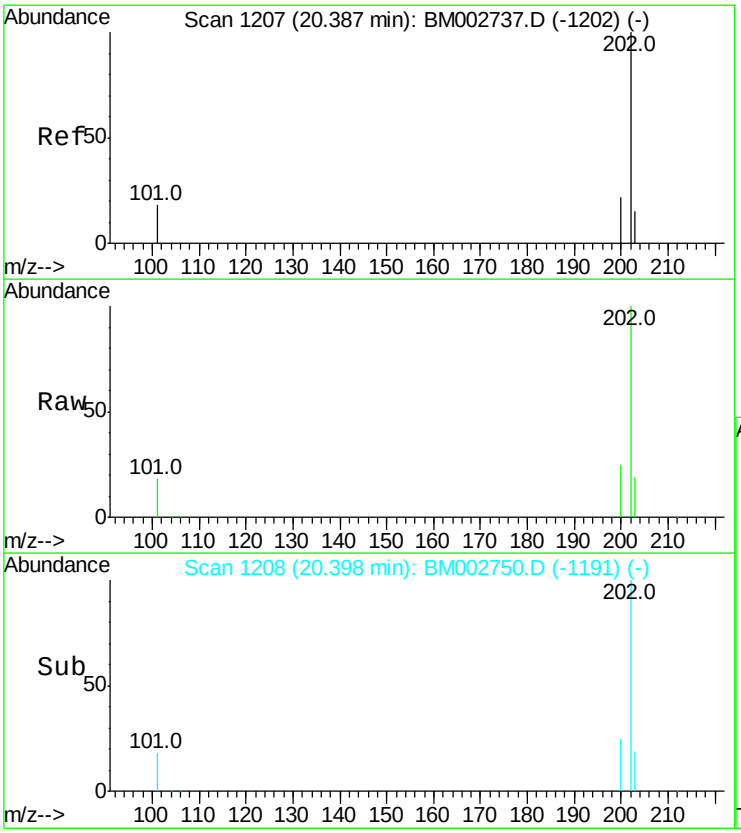
Tgt Ion:202 Resp:10726037

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	20.8	0.0	37.2



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

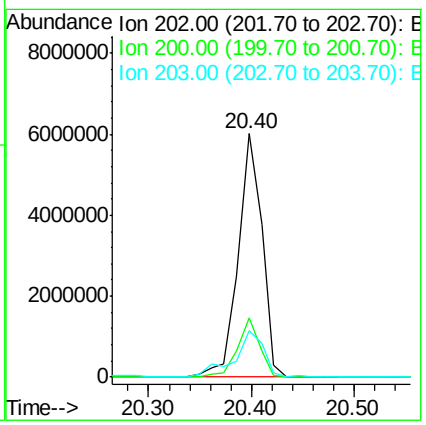
Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM

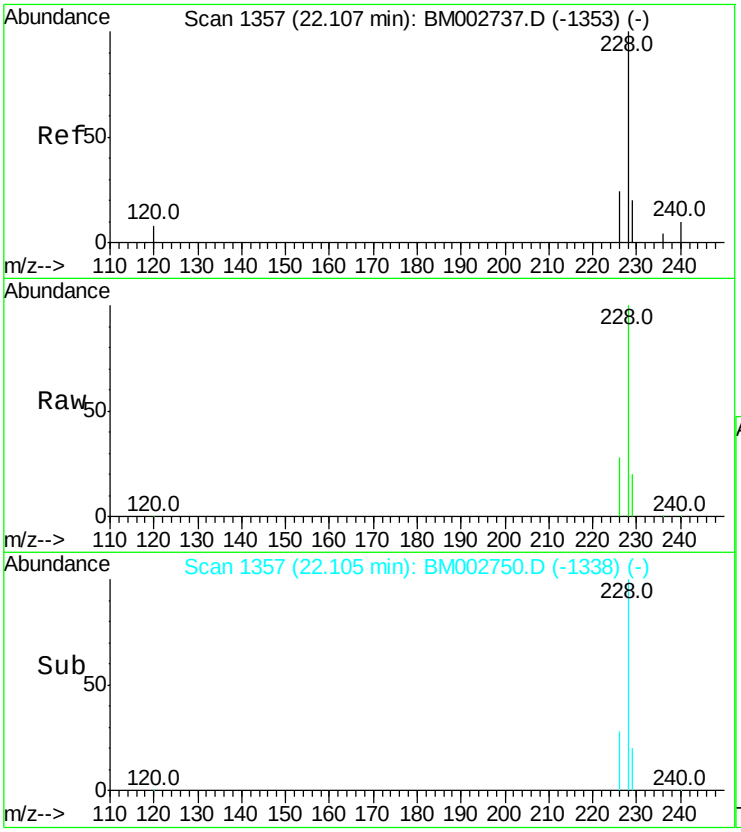


#19
Pyrene
Concen: 61.94 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:202 Resp: 9567363

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.0	27.0
203	18.9	13.8	20.6

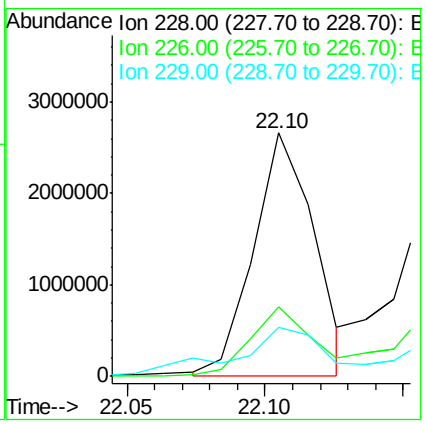




#20
Benzo(a)anthracene
Concen: 30.70 ng/ul m
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:228 Resp: 4066641

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.0	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
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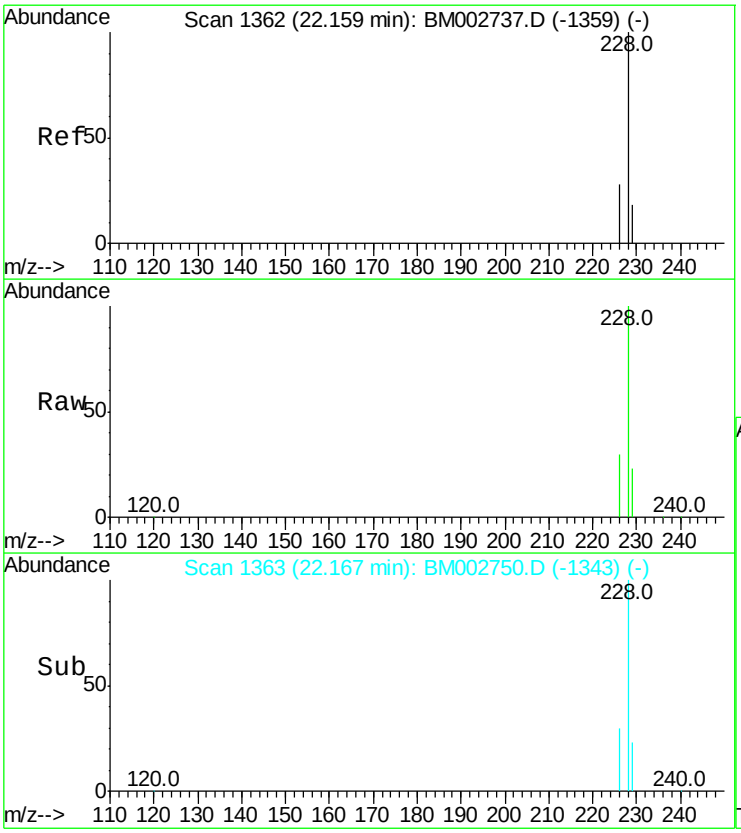
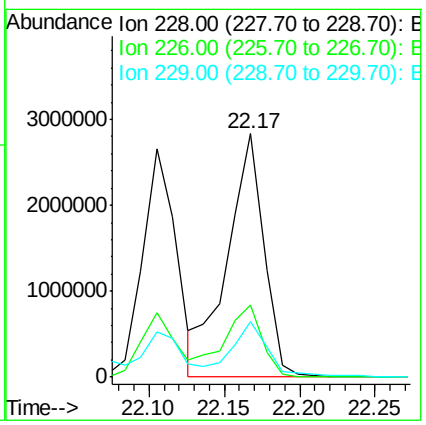
Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM

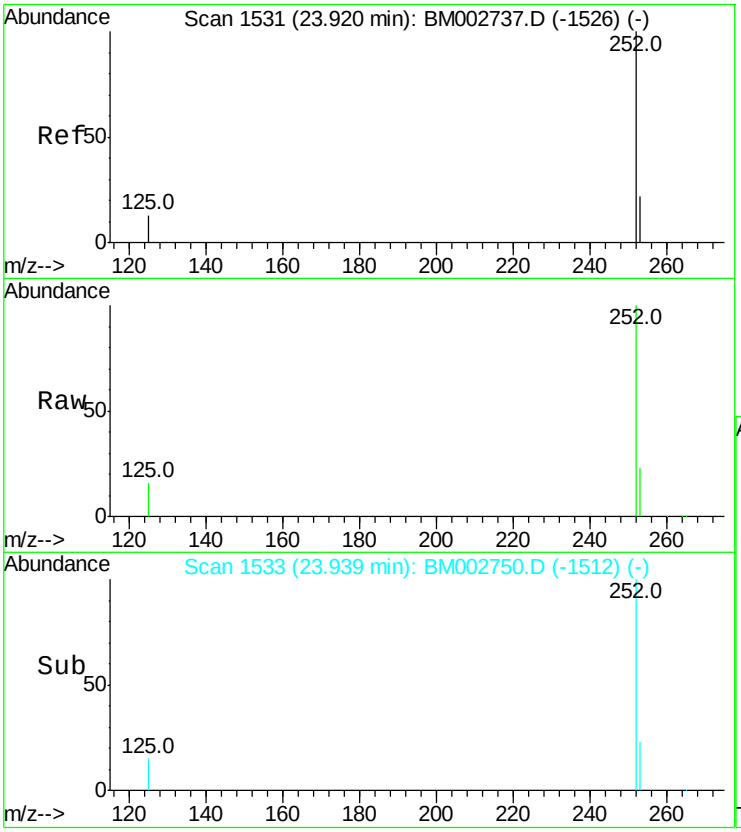


#21
Chrysene
Concen: 37.74 ng/ul m
RT: 22.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:228 Resp: 4784928

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.7	38.5
229	22.7	15.2	22.8

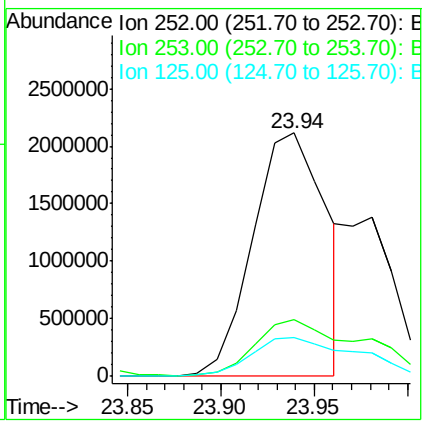




#23
Benzo(b)fluoranthene
Concen: 32.65 ng/ul m
RT: 23.94 min Scan# 1533
Delta R.T. 0.02 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

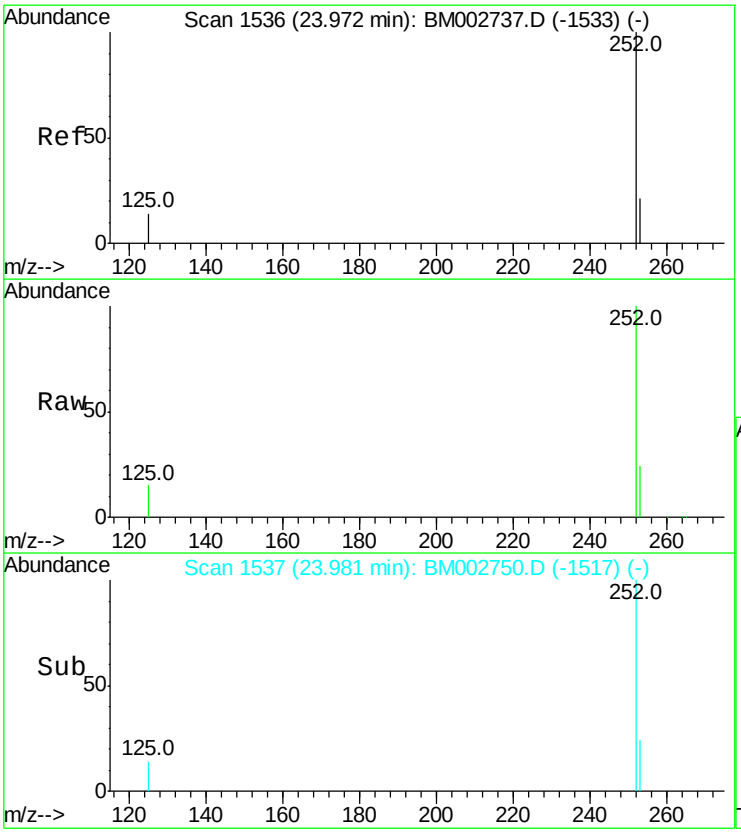
Tgt Ion:252 Resp: 5771076

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	48.0
125	15.9	0.0	36.6



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

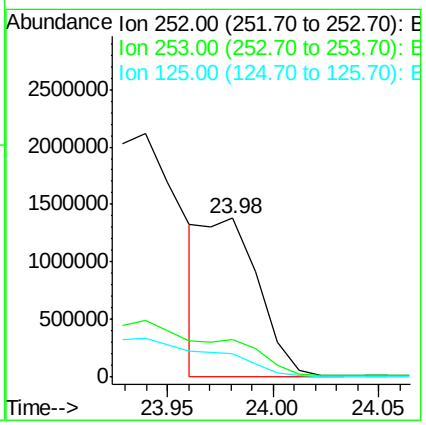
Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM

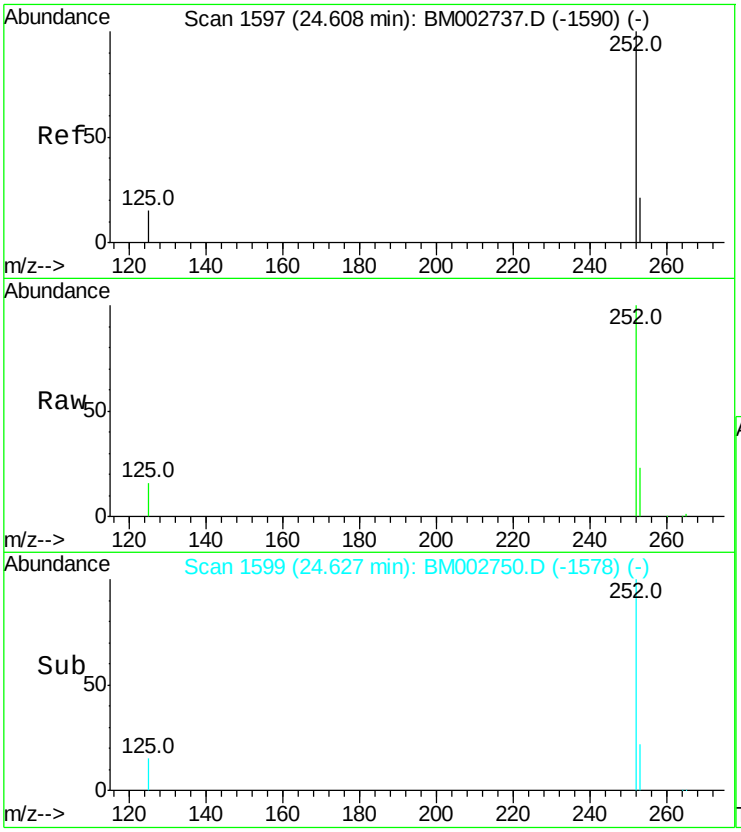


#24
Benzo(k)fluoranthene
Concen: 15.24 ng/ul m
RT: 23.98 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:252 Resp: 2495503

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.8	31.2
125	14.6	12.2	18.4





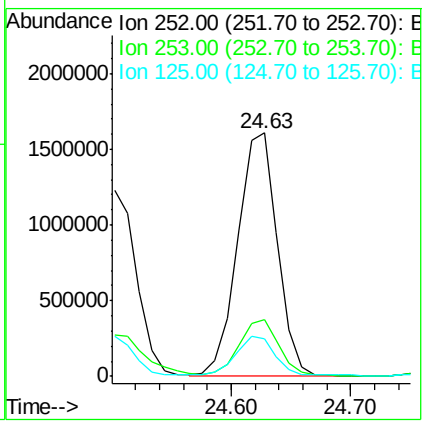
#25
Benzo(a)pyrene
Concen: 23.03 ng/ul m
RT: 24.63 min Scan# 1599
Delta R.T. 0.02 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

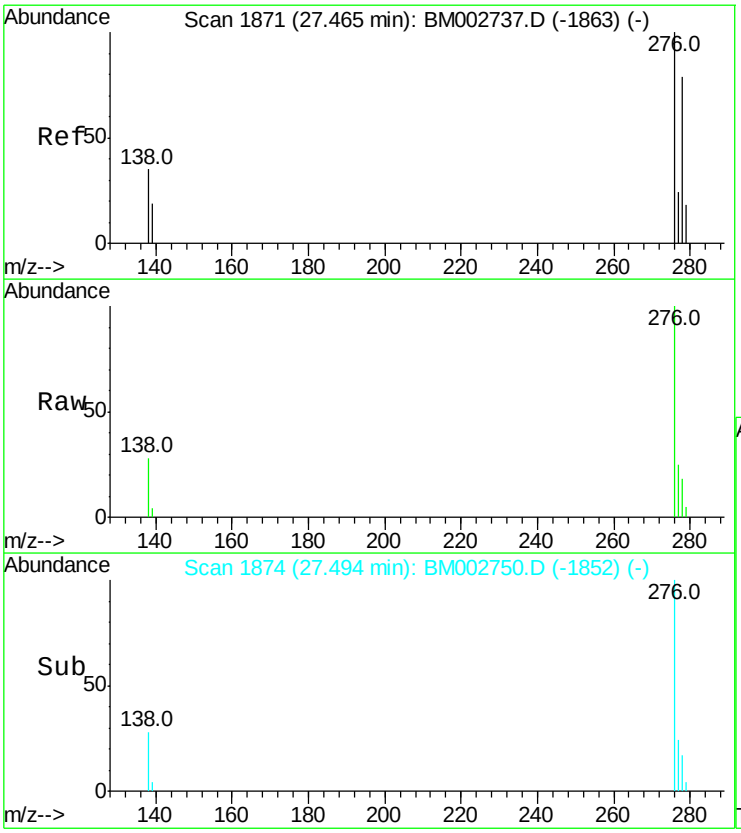
Tgt Ion:252 Resp: 3747379

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.8	32.8
125	15.5	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM

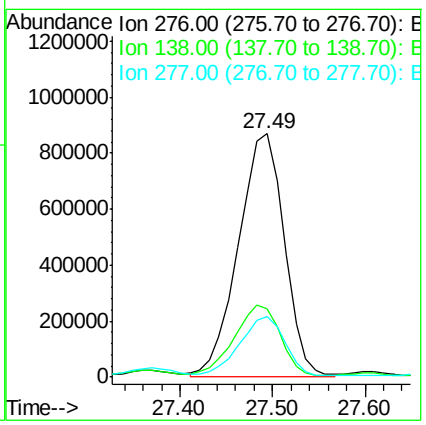


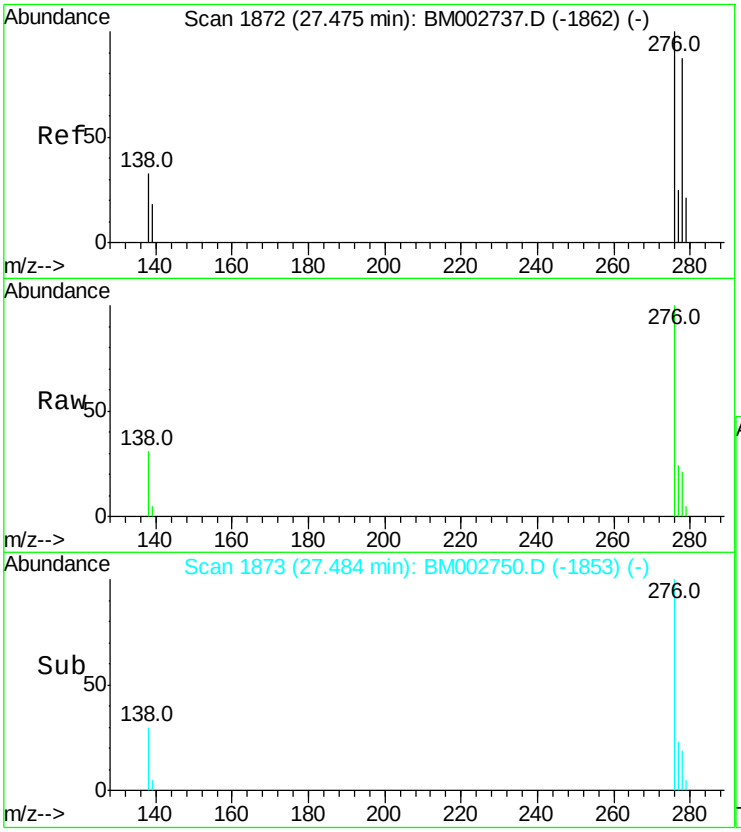


#26
Indeno(1,2,3-cd)pyrene
Concen: 16.48 ng/ul m
RT: 27.49 min Scan# 1874
Delta R.T. 0.03 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:276 Resp: 2991322

Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.5	41.3#
277	21.5	19.3	28.9

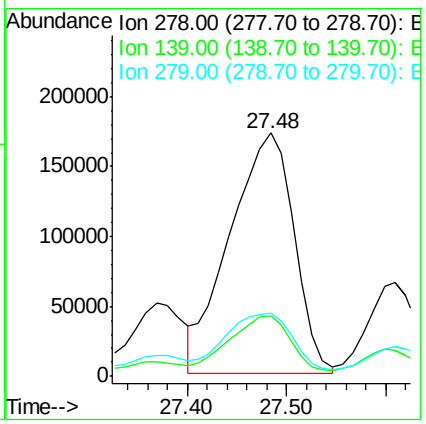




#27
Dibenzo(a,h)anthracene
Concen: 5.18 ng/ul m
RT: 27.48 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

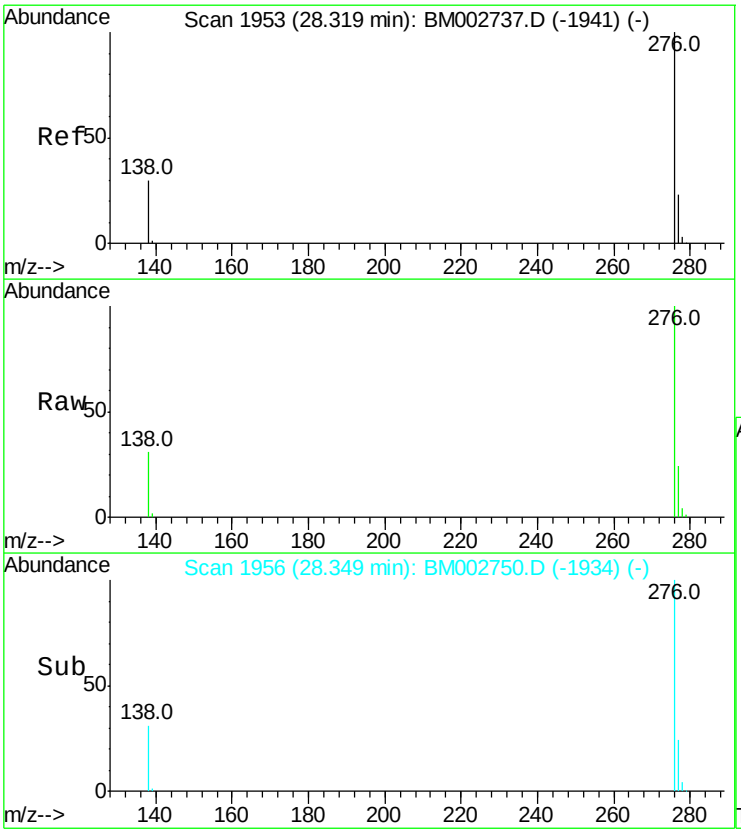
Tgt Ion:278 Resp: 771826

Ion	Ratio	Lower	Upper
278	100		
139	25.1	21.7	32.5
279	25.8	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Manual Integrations APPROVED
MMDadoda
9/29/2015 3:44:00 PM



#28
Benzo(g,h,i)perylene
Concen: 15.90 ng/ul m
RT: 28.35 min Scan# 1956
Delta R.T. 0.03 min
Lab File: BM002750.D
Acq: 29 Sep 2015 01:10

Tgt Ion:276 Resp: 2447859

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.3	31.9
138	31.1	25.5	38.3