Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002622.D
Acq On : 01 Sep 2015 11:12
Operator : UM/IZ
Sample : G3457-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EC1

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

Quant Time: Sep 01 12:30:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	105211	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	473299	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	243642	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	465144	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	342255	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	331399	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	328898	13.20	ng/ul	0.00
10) Fluorene-d10	16.34	176	210786	12.05	ng/ul	0.00
14) Anthracene-d10	18.17	188	283854	12.65	ng/ul	0.00
18) Pyrene-d10	20.40	212	205177	13.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	132361	7.60	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	156212	5.82	ng/ul	99
15) Anthracene	18.21	178	30465	1.12	ng/ul	99
16) Fluoranthene	20.07	202	255269	8.39	ng/ul	97
19) Pyrene	20.43	202	204450	10.20	ng/ul	99
20) Benzo(a)anthracene	22.14	228	90998	4.45	ng/ul	99
21) Chrysene	22.20	228	101396	5.30	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	138143	6.90	ng/ul#	94
24) Benzo(k)fluoranthene	24.02	252	45002m	2.37	ng/ul	
26) Benzo(a)pyrene	24.67	252	89166	4.66	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	70175	3.19	ng/ul	97
28) Dibenzo(a,h)anthracene	27.55	278	21543	1.17	ng/ul#	88
29) Benzo(g,h,i)perylene	28.41	276	65050	3.55	ng/ul	98

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

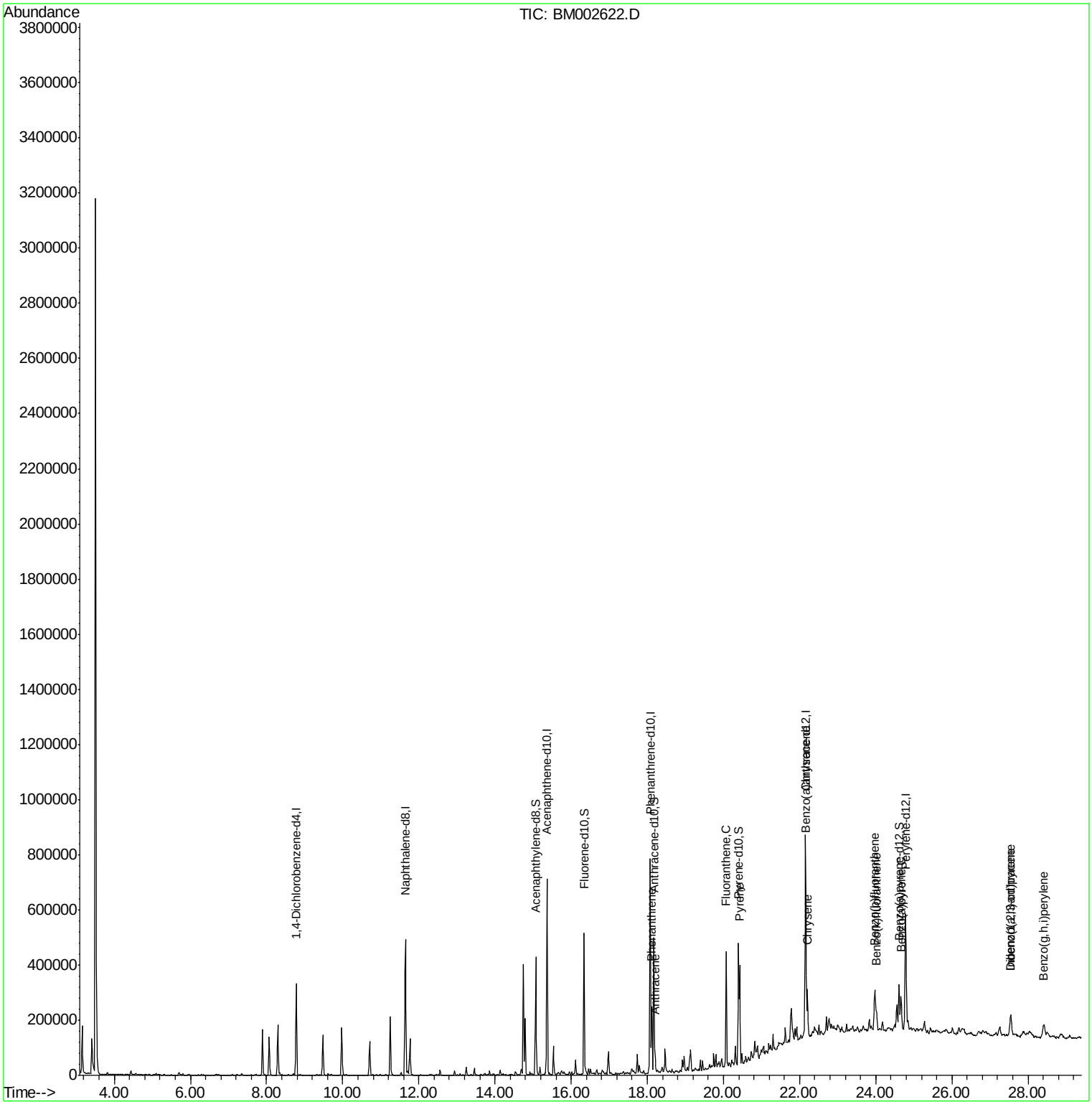
Quantitation Report (QT Reviewed)

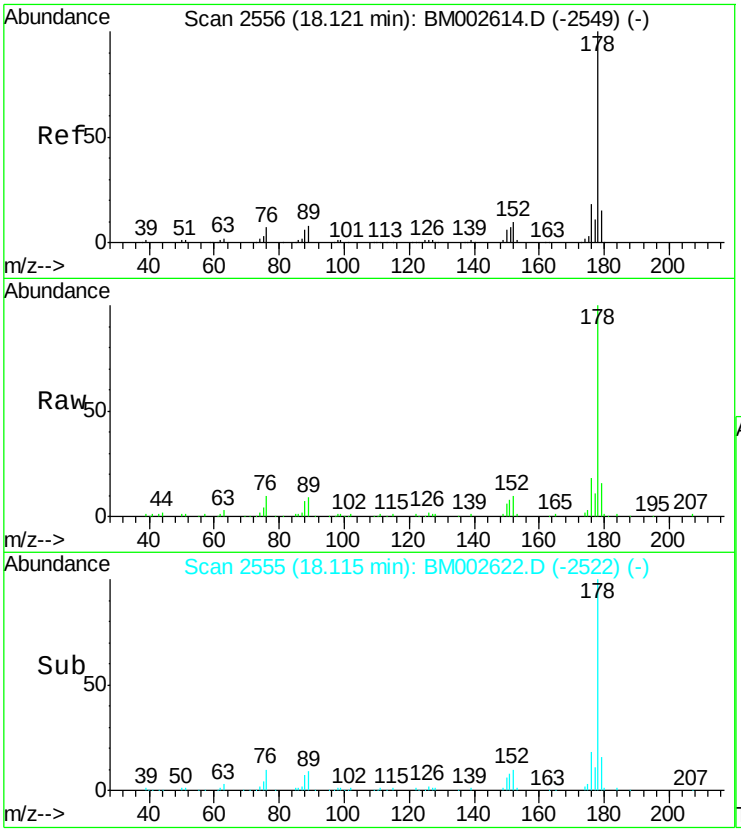
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002622.D
Acq On : 01 Sep 2015 11:12
Operator : UM/IZ
Sample : G3457-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 01 12:30:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9EC1

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

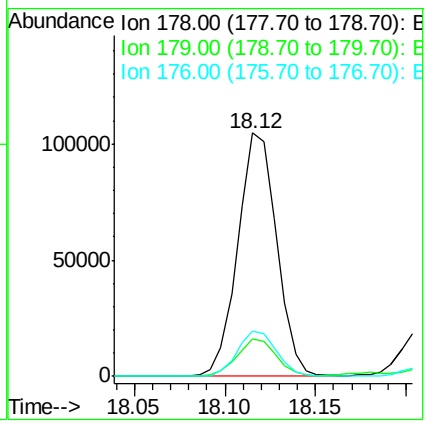




#13
Phenanthrene
Concen: 5.82 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

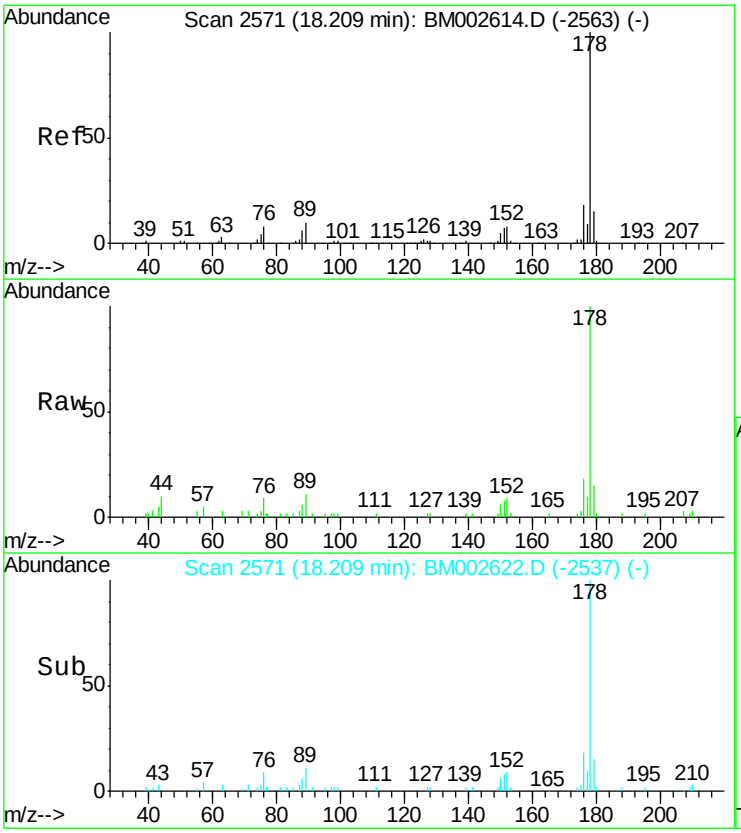
Tgt Ion:178 Resp: 156212

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.4	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EC1

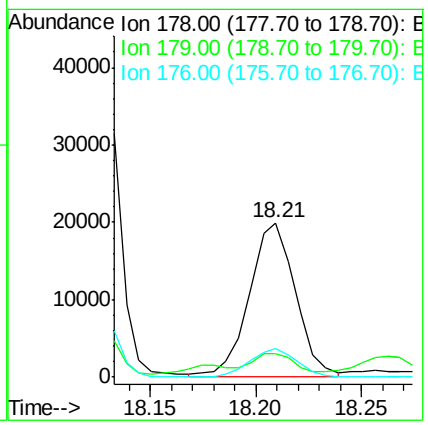
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

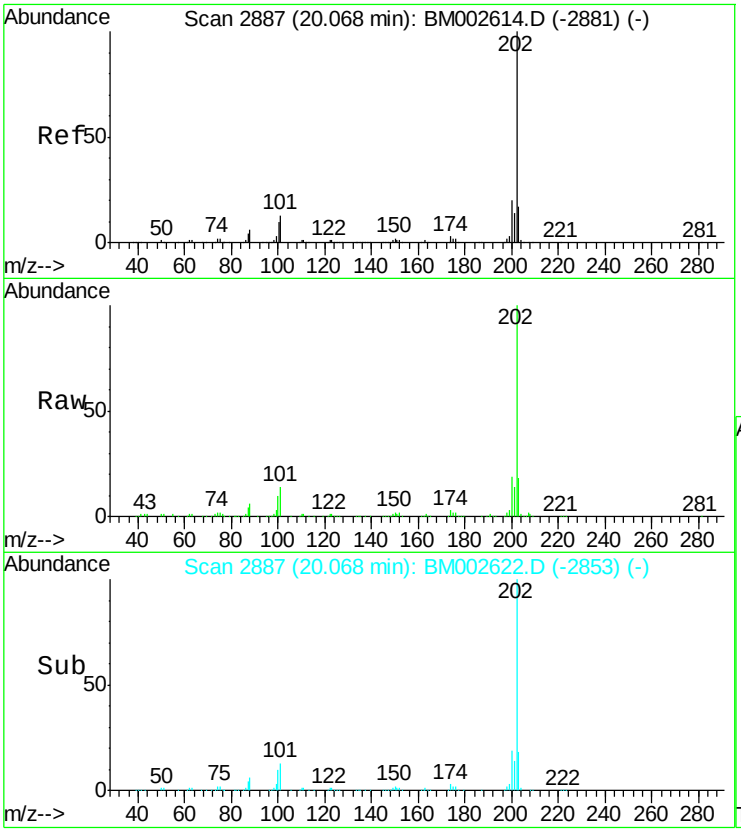


#15
Anthracene
Concen: 1.12 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:178 Resp: 30465

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	18.8
176	18.4	14.5	21.7

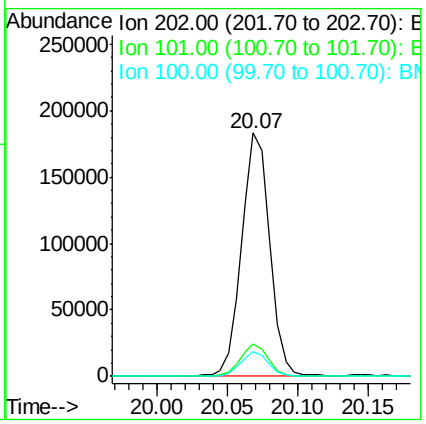




#16
Fluoranthene
Concen: 8.39 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

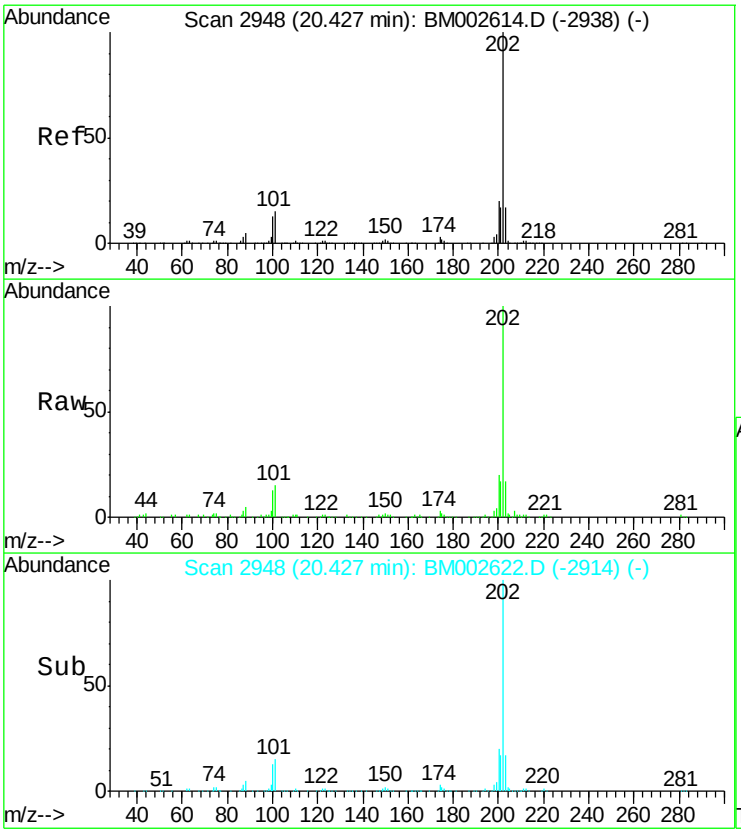
Tgt Ion:202 Resp: 255269

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.7	14.5
100	10.2	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9EC1

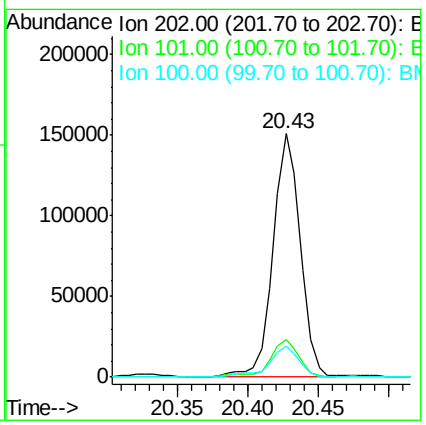
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

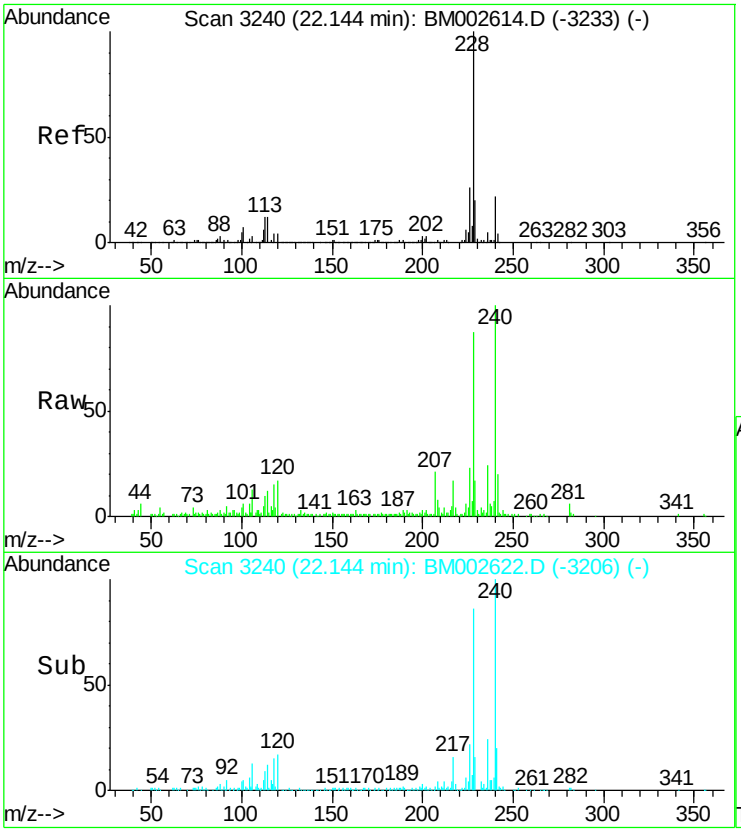


#19
Pyrene
Concen: 10.20 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:202 Resp: 204450

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.8	9.7	14.5





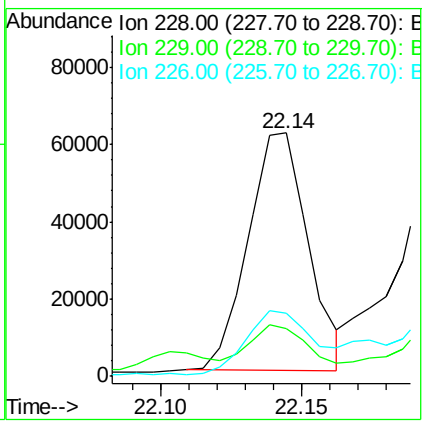
#20
Benzo(a)anthracene
Concen: 4.45 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

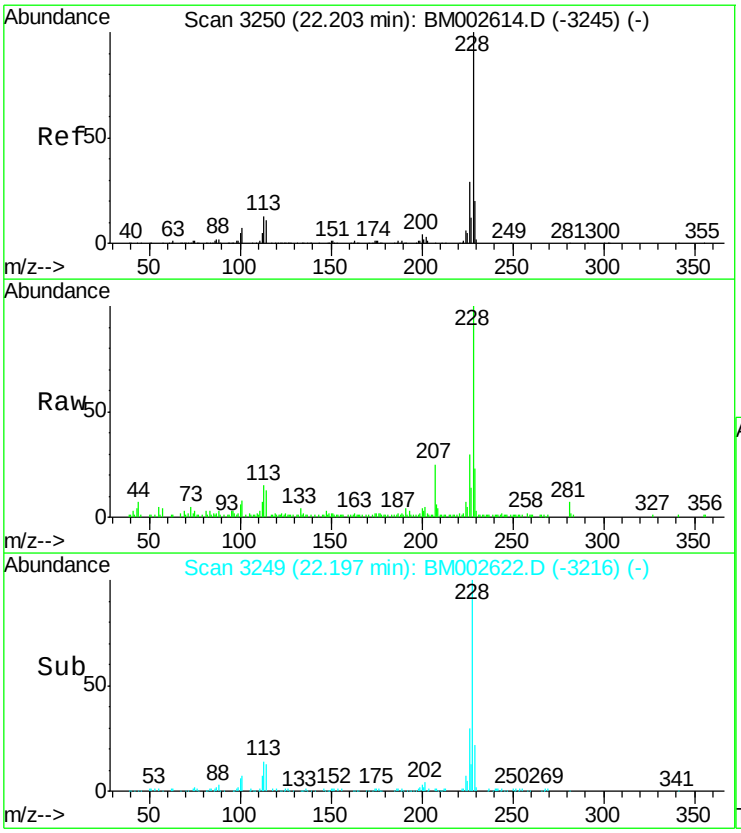
Tgt Ion:228 Resp: 90998

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	26.0	21.1	31.7

Instrument :
BNA_M
ClientSampleId :
D9EC1

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

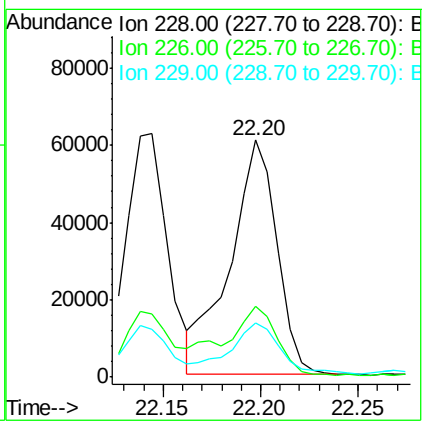


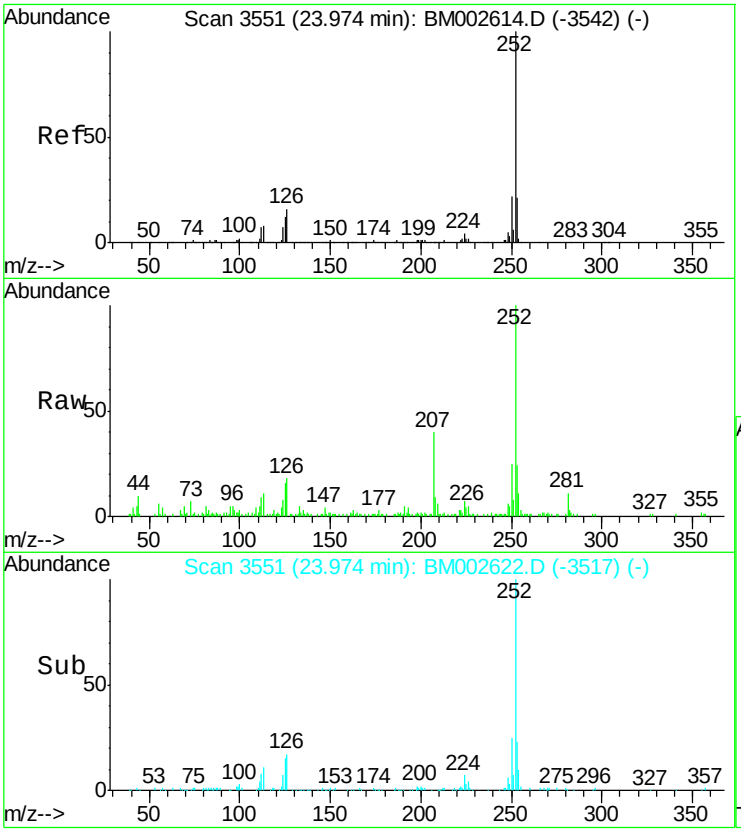


#21
Chrysene
Concen: 5.30 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:228 Resp: 101396

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	23.1	15.7	23.5

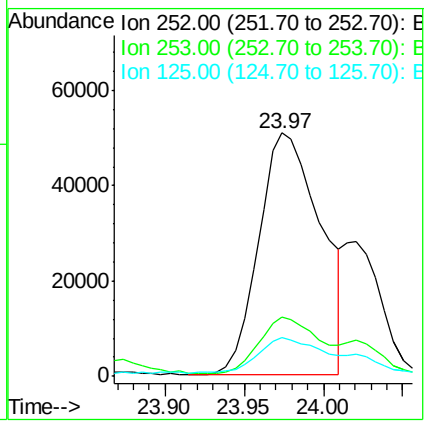




#23
Benzo(b)fluoranthene
Concen: 6.90 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

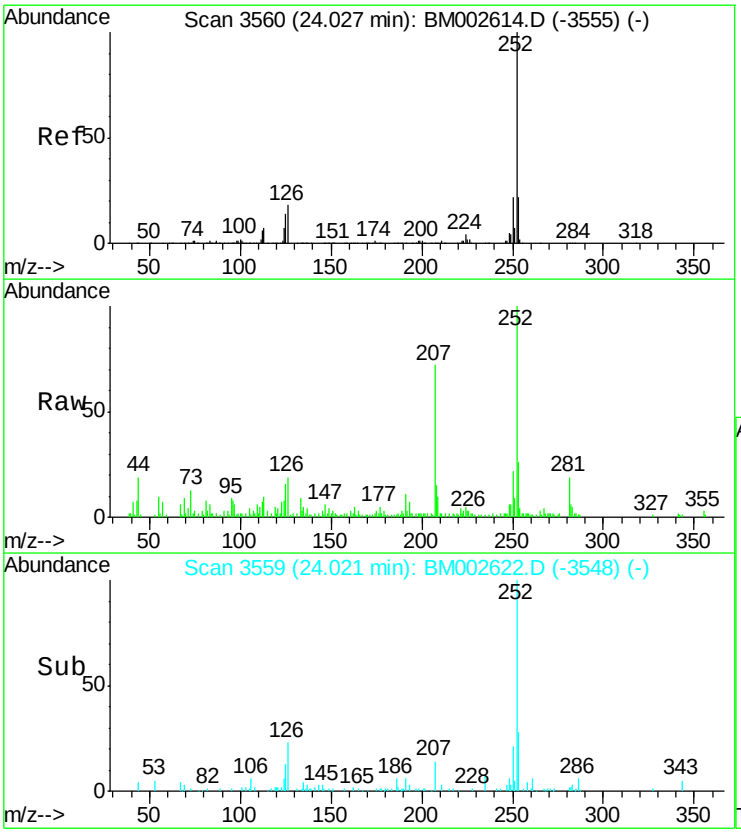
Tgt Ion:252 Resp: 138143

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	15.8	10.0	15.0#



Instrument :
BNA_M
ClientSampleId :
D9EC1

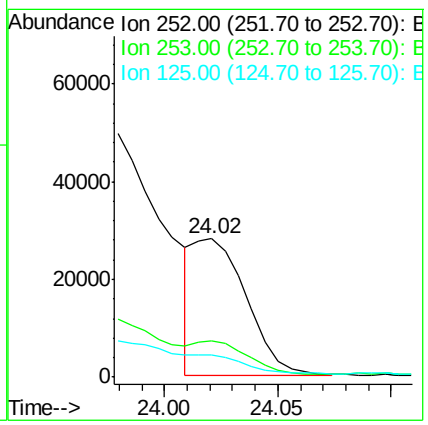
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

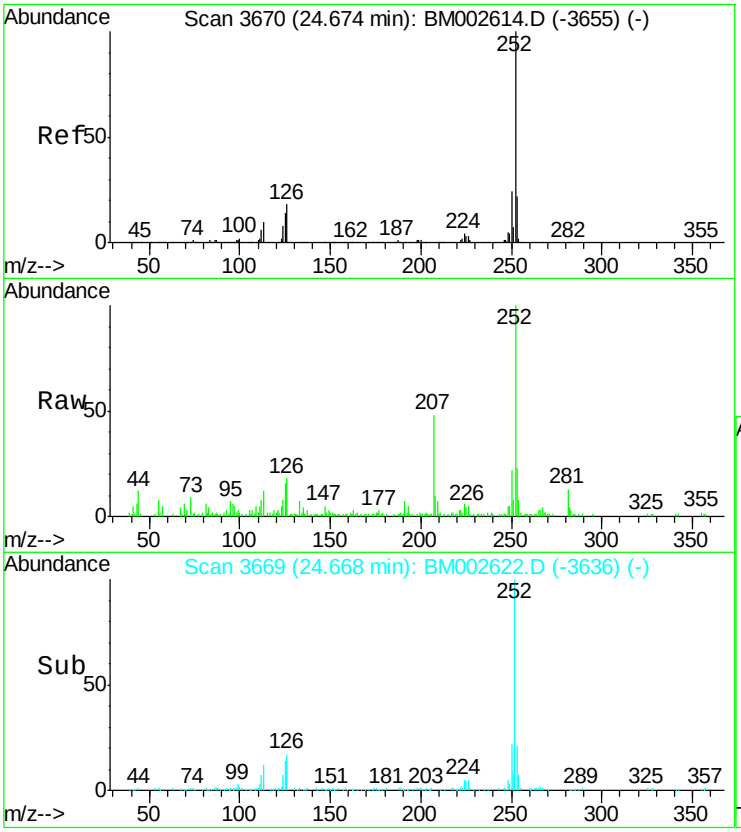


#24
Benzo(k)fluoranthene
Concen: 2.37 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:252 Resp: 45002

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	16.1	9.8	14.8#

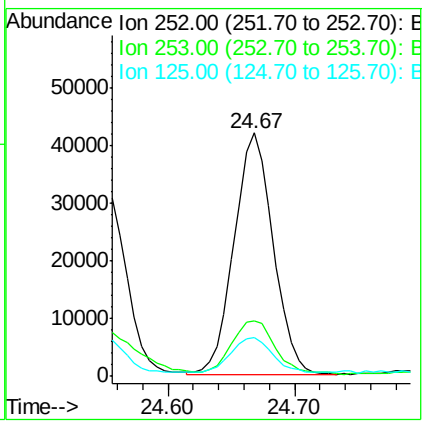




#26
Benzo(a)pyrene
Concen: 4.66 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

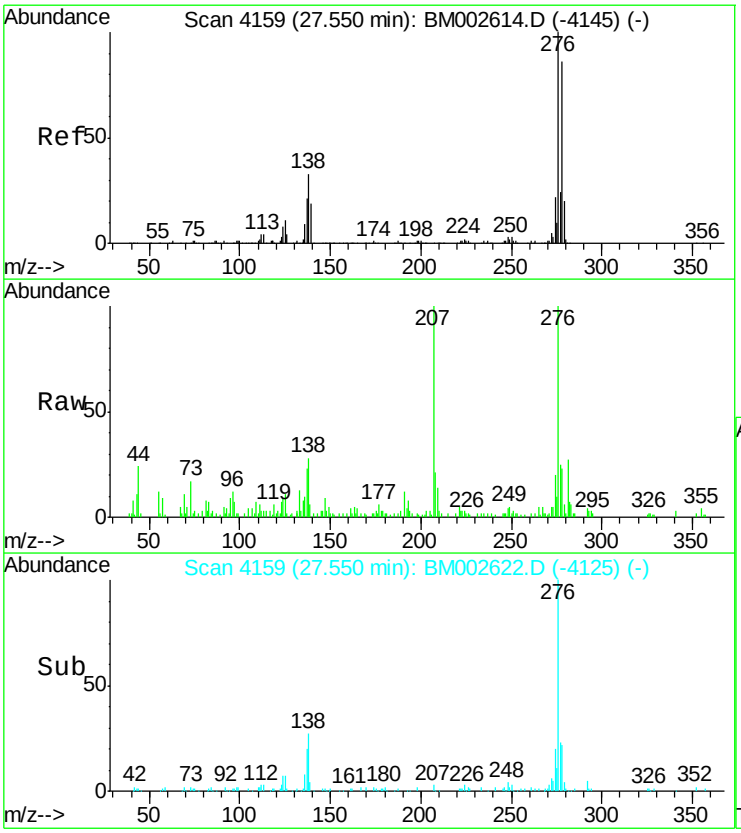
Tgt Ion:252 Resp: 89166

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	15.8	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
D9EC1

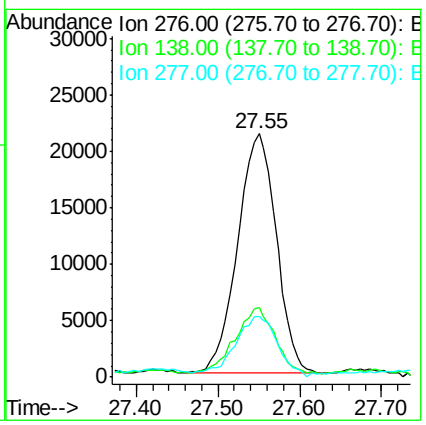
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM

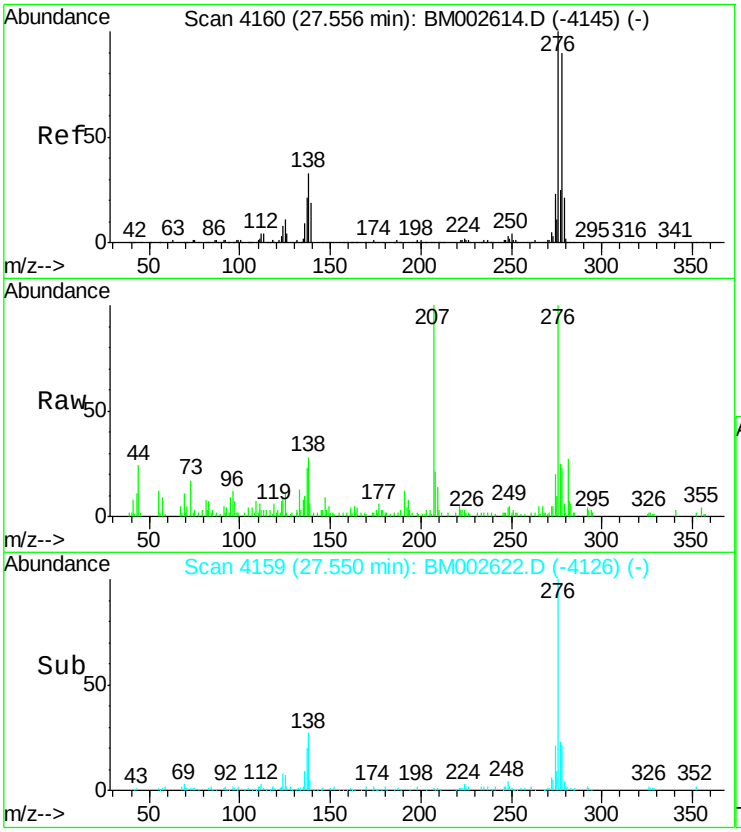


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. 0.00 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:276 Resp: 70175

Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.3	37.9
277	24.9	20.2	30.2

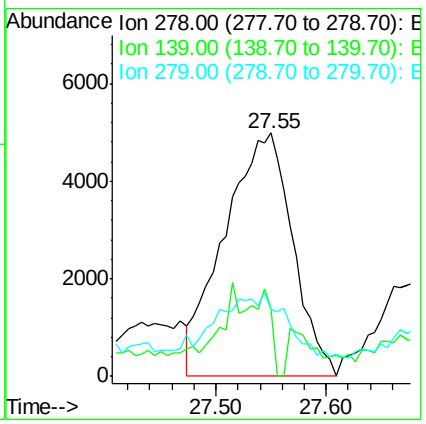




#28
Dibenzo(a,h)anthracene
Concen: 1.17 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

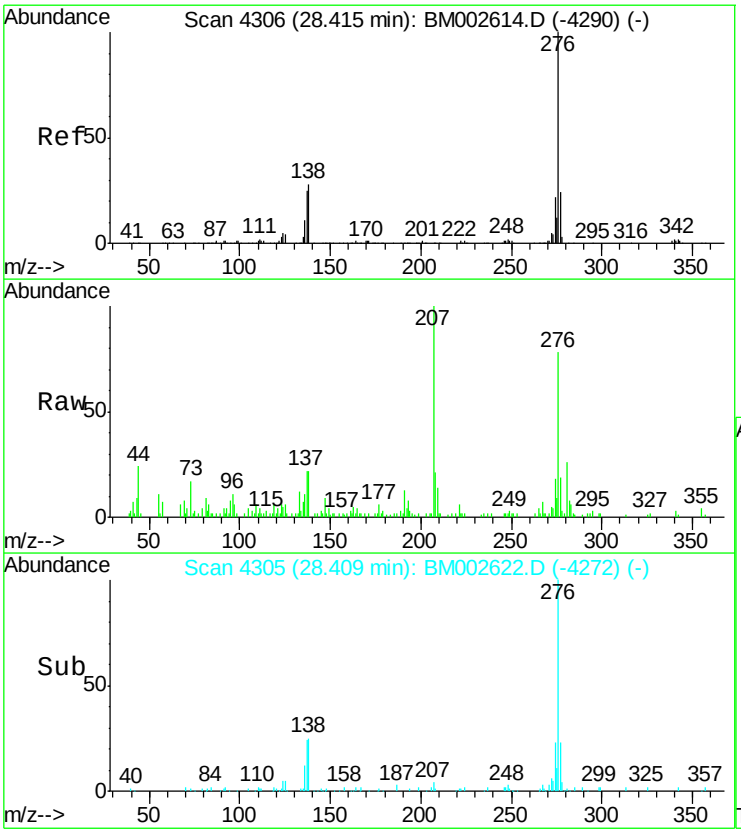
Tgt Ion:278 Resp: 21543

Ion	Ratio	Lower	Upper
278	100		
139	28.2	16.5	24.7#
279	27.5	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
D9EC1

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:09 PM



#29
Benzo(g,h,i)perylene
Concen: 3.55 ng/ul
RT: 28.41 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BM002622.D
Acq: 01 Sep 2015 11:12

Tgt Ion:276 Resp: 65050

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	24.9	19.2	28.8