Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002629.D
Acq On : 01 Sep 2015 15:29
Operator : UM/IZ
Sample : G3457-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EC3

Manual Integrations APPROVED
MMDadoda
9/2/2015 1:35:46 PM

Quant Time: Sep 01 16:20:56 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	104390	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	466854	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	240227	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	457719	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	348113	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	338653	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	350586	14.27	ng/ul	0.00
10) Fluorene-d10	16.34	176	222240	12.88	ng/ul	0.00
14) Anthracene-d10	18.17	188	293598	13.30	ng/ul	0.00
18) Pyrene-d10	20.40	212	220532	14.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	147371	8.28	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	71410	2.70	ng/ul	99
16) Fluoranthene	20.07	202	166784	5.57	ng/ul	98
19) Pyrene	20.43	202	132932	6.52	ng/ul	99
20) Benzo(a)anthracene	22.14	228	83408	4.01	ng/ul	98
21) Chrysene	22.20	228	80797m	4.15	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	118045	5.77	ng/ul#	94
24) Benzo(k)fluoranthene	24.02	252	46525m	2.40	ng/ul	
26) Benzo(a)pyrene	24.67	252	79730	4.08	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.56	276	65530	2.91	ng/ul	97
29) Benzo(g,h,i)perylene	28.43	276	60837	3.25	ng/ul	97

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

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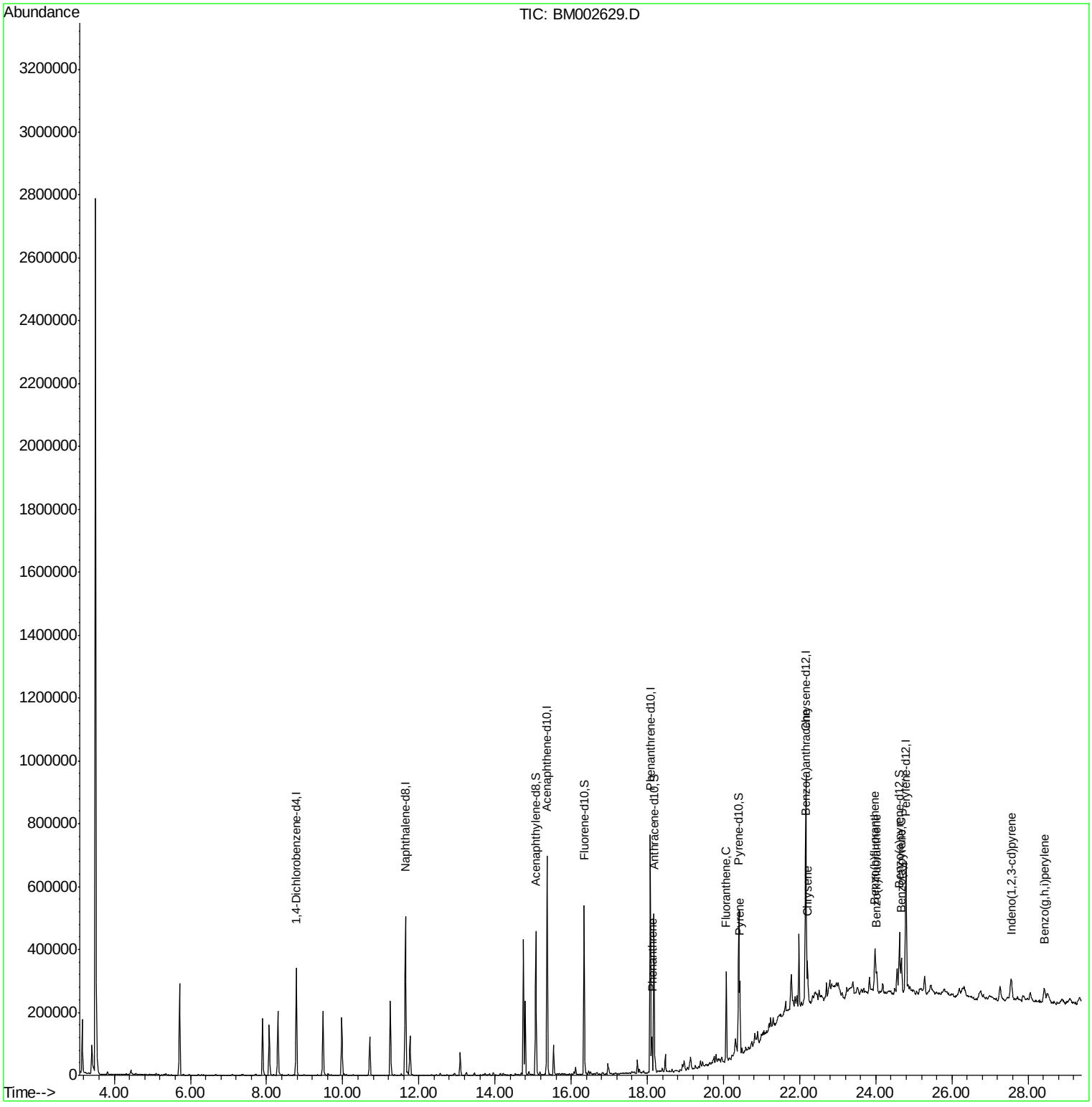
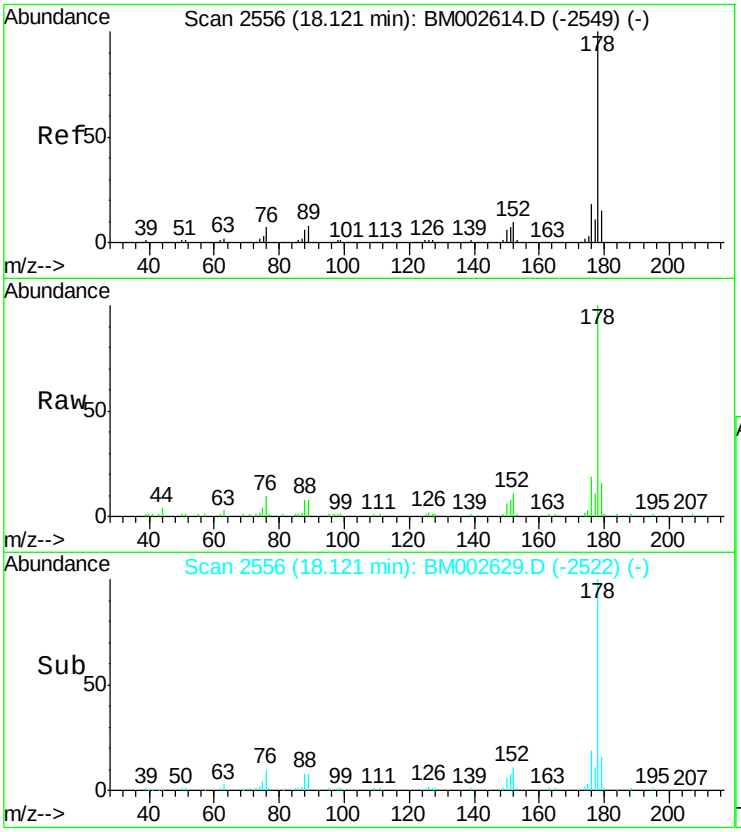
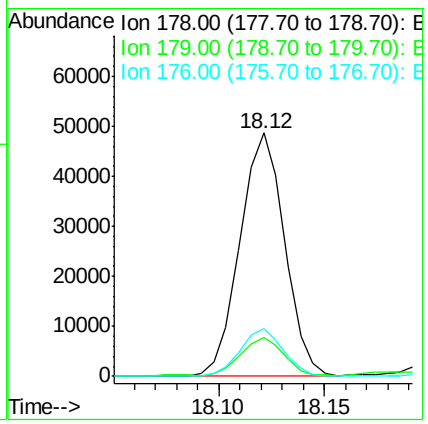




#13
Phenanthrene
Concen: 2.70 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:178 Resp: 71410

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.4	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EC3

Manual Integrations APPROVED
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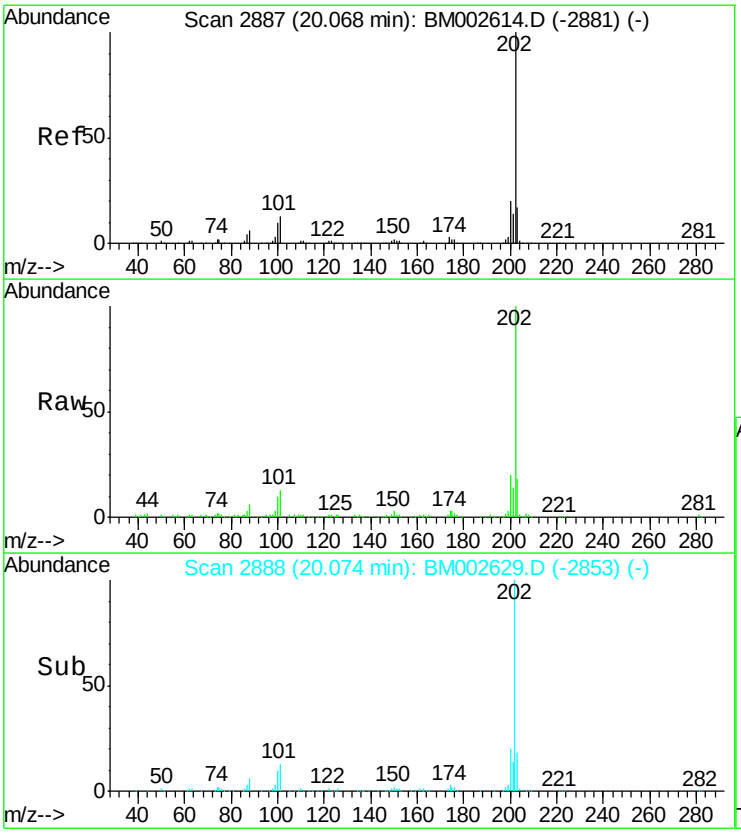
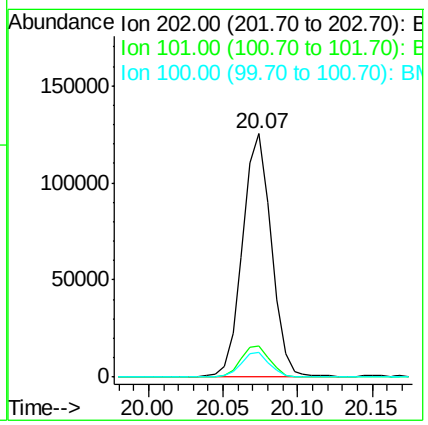
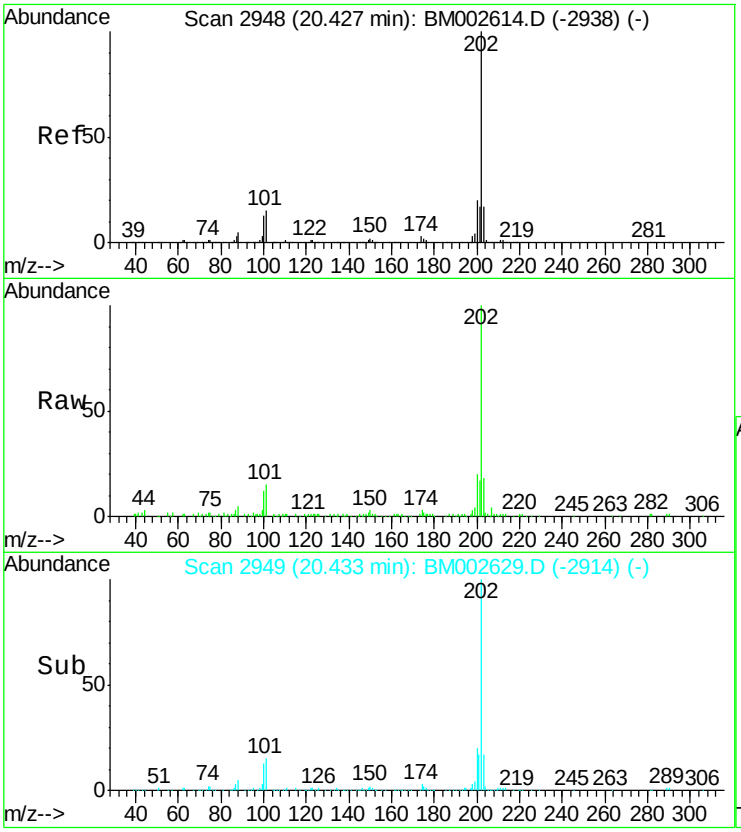


#16
Fluoranthene
Concen: 5.57 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:202 Resp: 166784

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	10.2	7.4	11.2

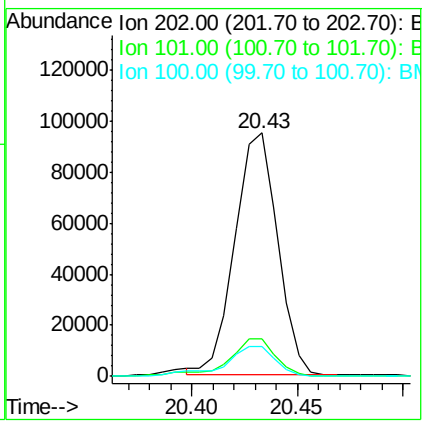




#19
Pyrene
Concen: 6.52 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:202 Resp: 132932

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.0	18.0
100	12.5	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9EC3

Manual Integrations APPROVED
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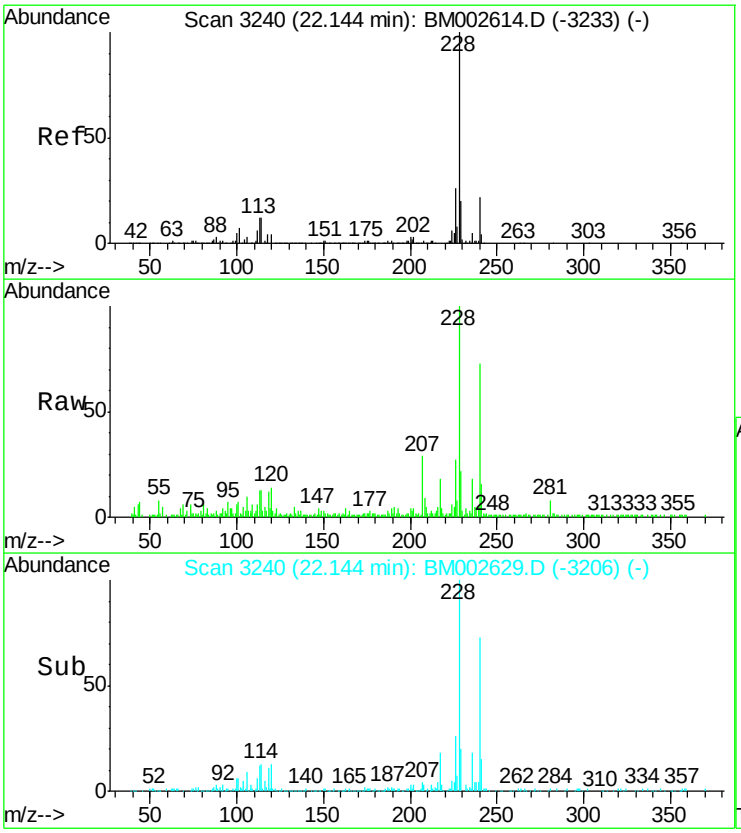
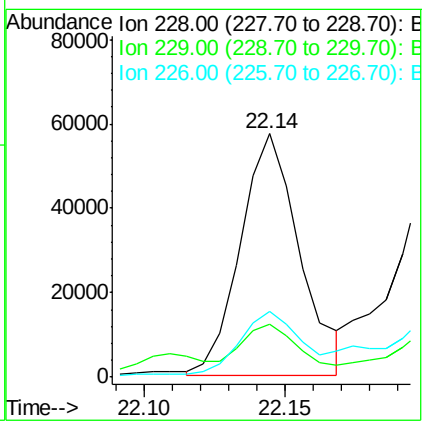
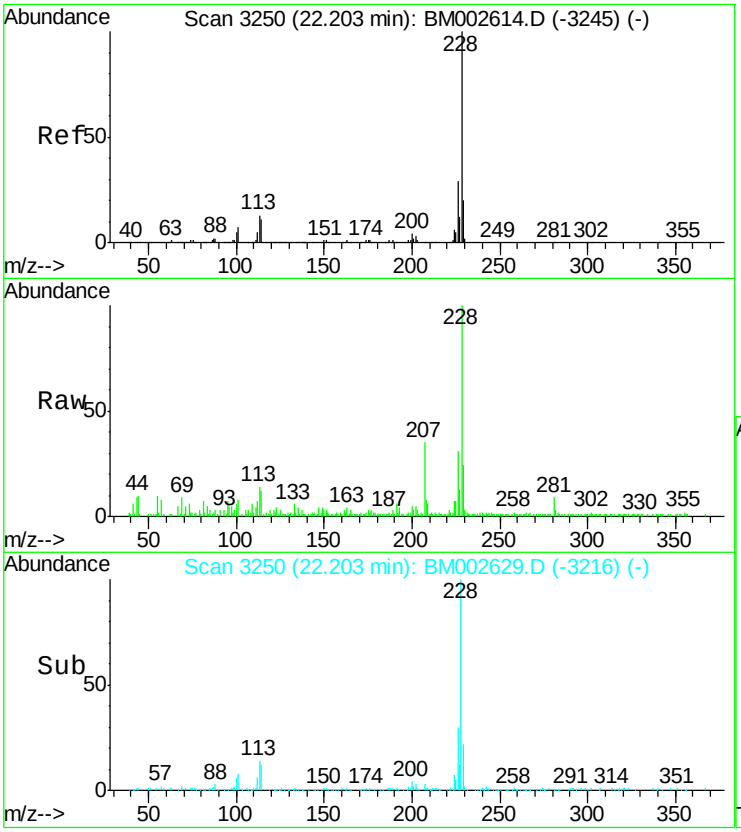


#20
Benzo(a)anthracene
Concen: 4.01 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:228 Resp: 83408

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	26.8	21.1	31.7





#21
Chrysene
Concen: 4.15 ng/ul m
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:228 Resp: 80797

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	23.7	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
D9EC3

Manual Integrations APPROVED
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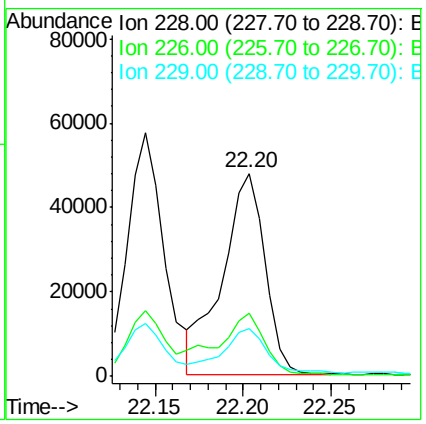
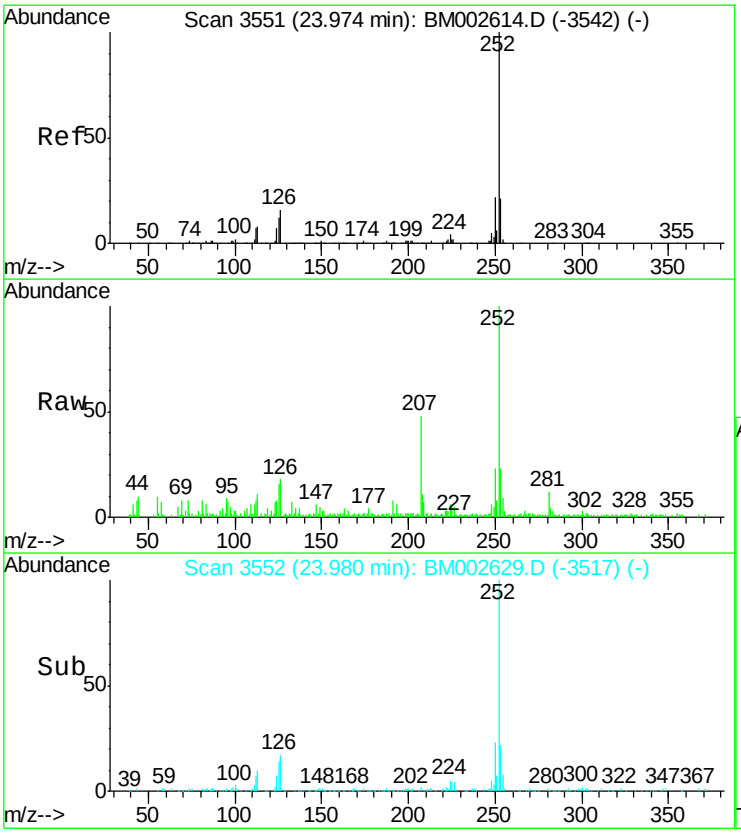
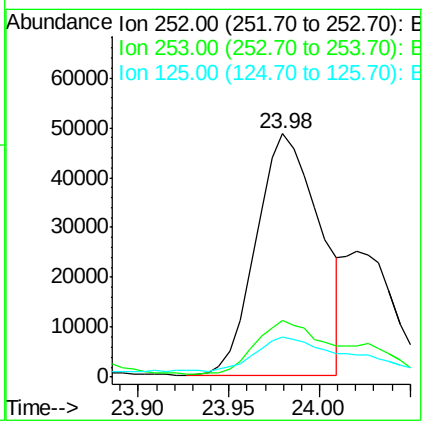


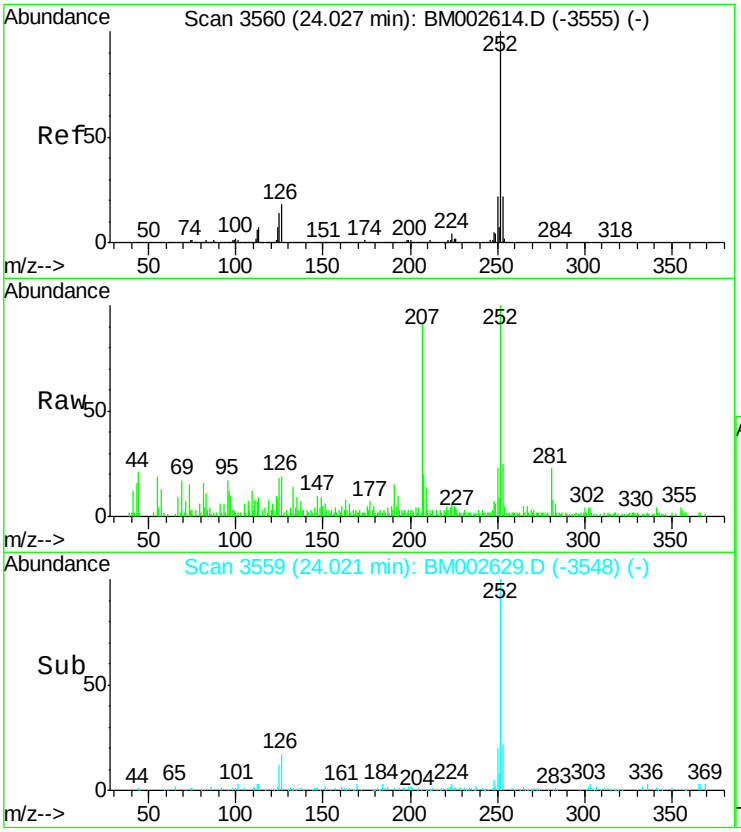


#23
Benzo(b)fluoranthene
Concen: 5.77 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:252 Resp: 118045

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	16.2	10.0	15.0#





#24
Benzo(k)fluoranthene
Concen: 2.40 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:252 Resp: 46525

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	17.5	9.8	14.8#

Instrument :
BNA_M
ClientSampleId :
D9EC3

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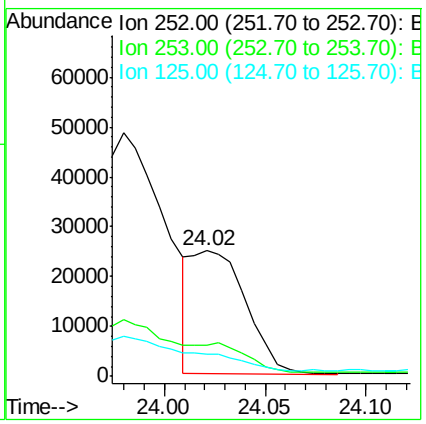
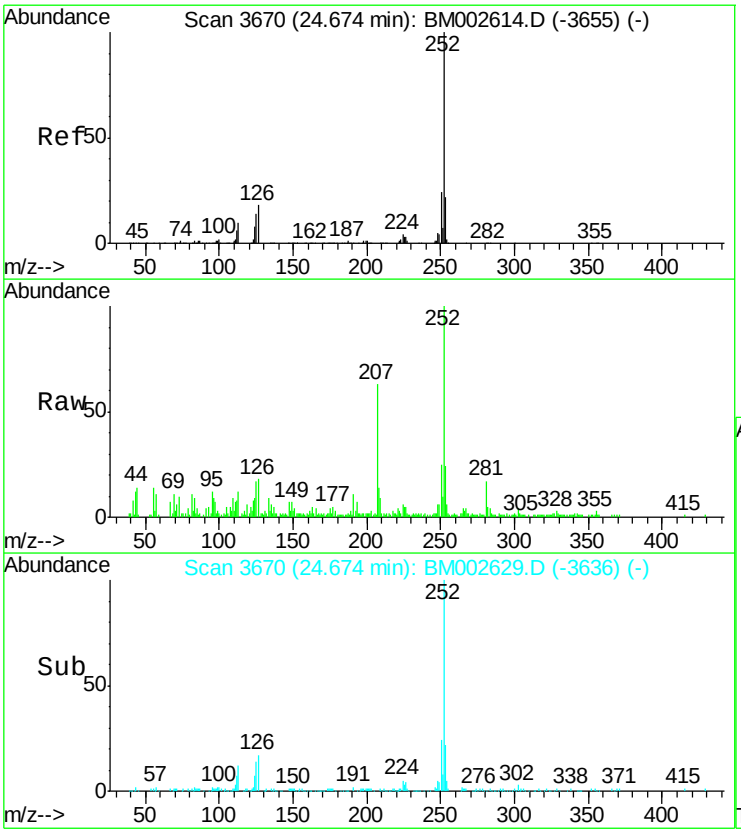
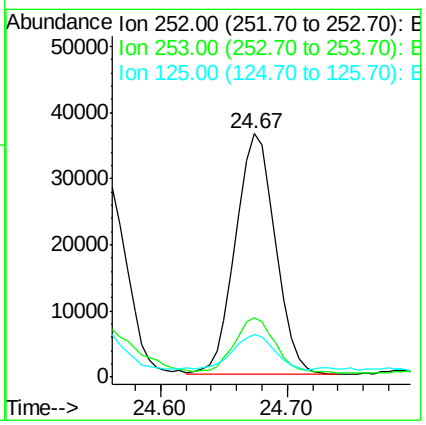


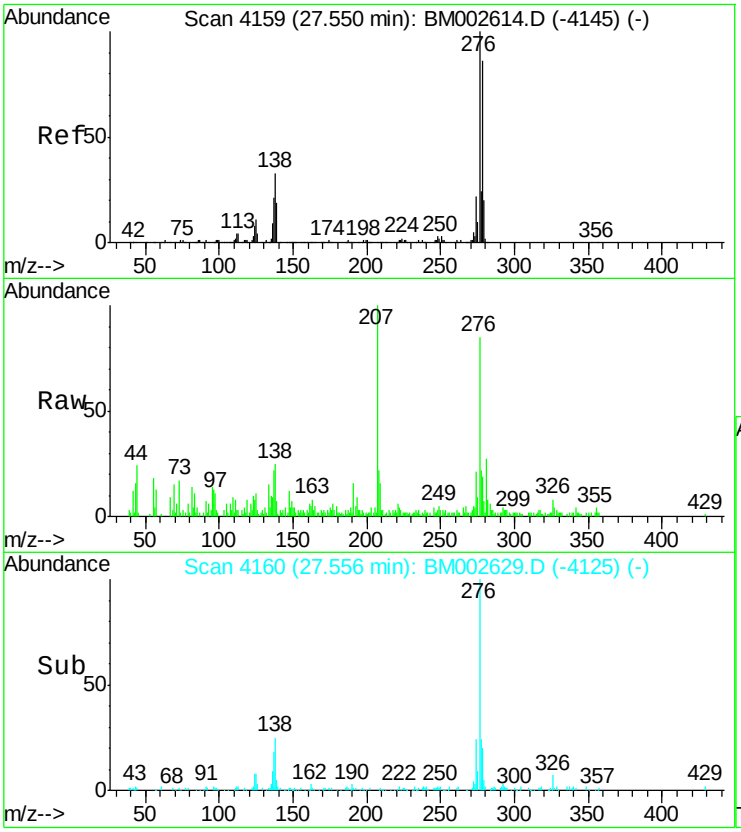


#26
Benzo(a)pyrene
Concen: 4.08 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:252 Resp: 79730

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	17.4	10.7	16.1#

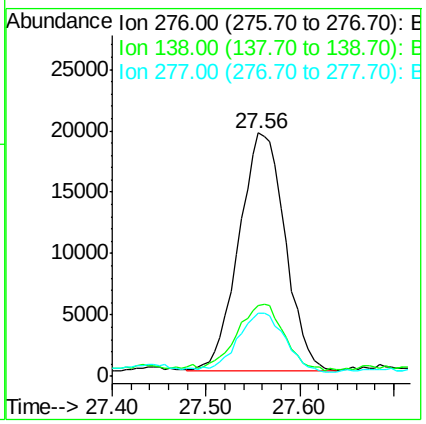




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.91 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:276 Resp: 65530

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.3	37.9
277	25.9	20.2	30.2



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ClientSampleId :
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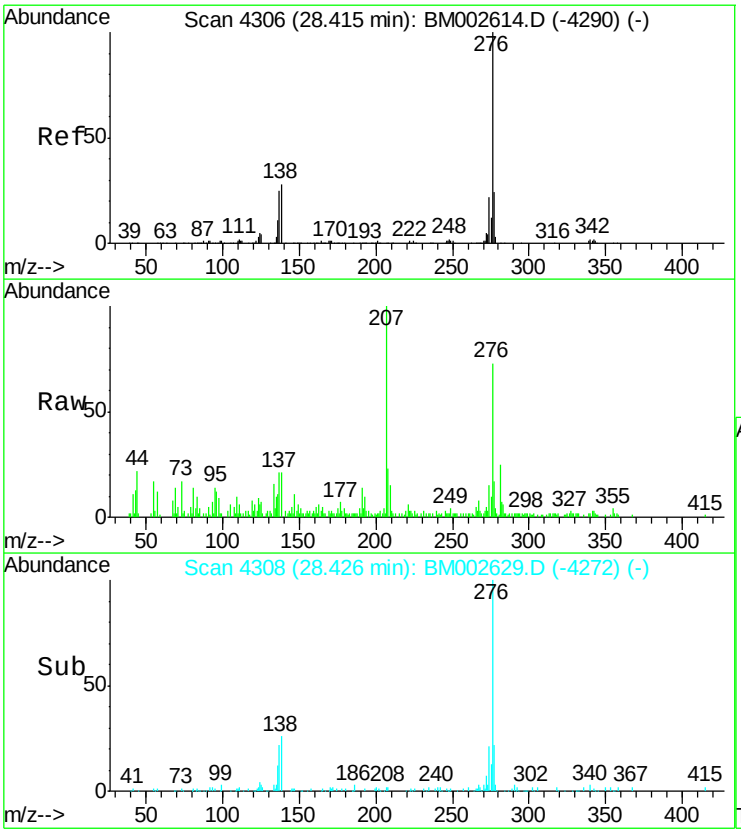

#29
Benzo(g,h,i)perylene
Concen: 3.25 ng/ul
RT: 28.43 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BM002629.D
Acq: 01 Sep 2015 15:29

Tgt Ion:276 Resp: 60837

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.0	31.6
277	23.4	19.2	28.8