Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002623.D
Acq On : 01 Sep 2015 11:49
Operator : UM/IZ
Sample : G3457-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:57:14 PM

Quant Time: Sep 01 12:33:05 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	116326	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	515606	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	253115	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	440897	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	345137	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	355990	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	296351	11.45	ng/ul	0.00
10) Fluorene-d10	16.34	176	188007	10.34	ng/ul	0.00
14) Anthracene-d10	18.17	188	233566	10.98	ng/ul	0.00
18) Pyrene-d10	20.40	212	179077	11.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	143374	7.67	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	164281	6.45	ng/ul	99
16) Fluoranthene	20.07	202	230557	8.00	ng/ul	98
19) Pyrene	20.43	202	172699	8.54	ng/ul	99
20) Benzo(a)anthracene	22.14	228	78764	3.82	ng/ul	96
21) Chrysene	22.20	228	97758	5.06	ng/ul	95
23) Benzo(b)fluoranthene	23.97	252	138015	6.41	ng/ul#	94
24) Benzo(k)fluoranthene	24.02	252	42986m	2.11	ng/ul	
26) Benzo(a)pyrene	24.67	252	83340	4.05	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	27.54	276	70364	2.98	ng/ul	97
29) Benzo(g,h,i)perylene	28.41	276	64148	3.26	ng/ul	95

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

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Instrument :
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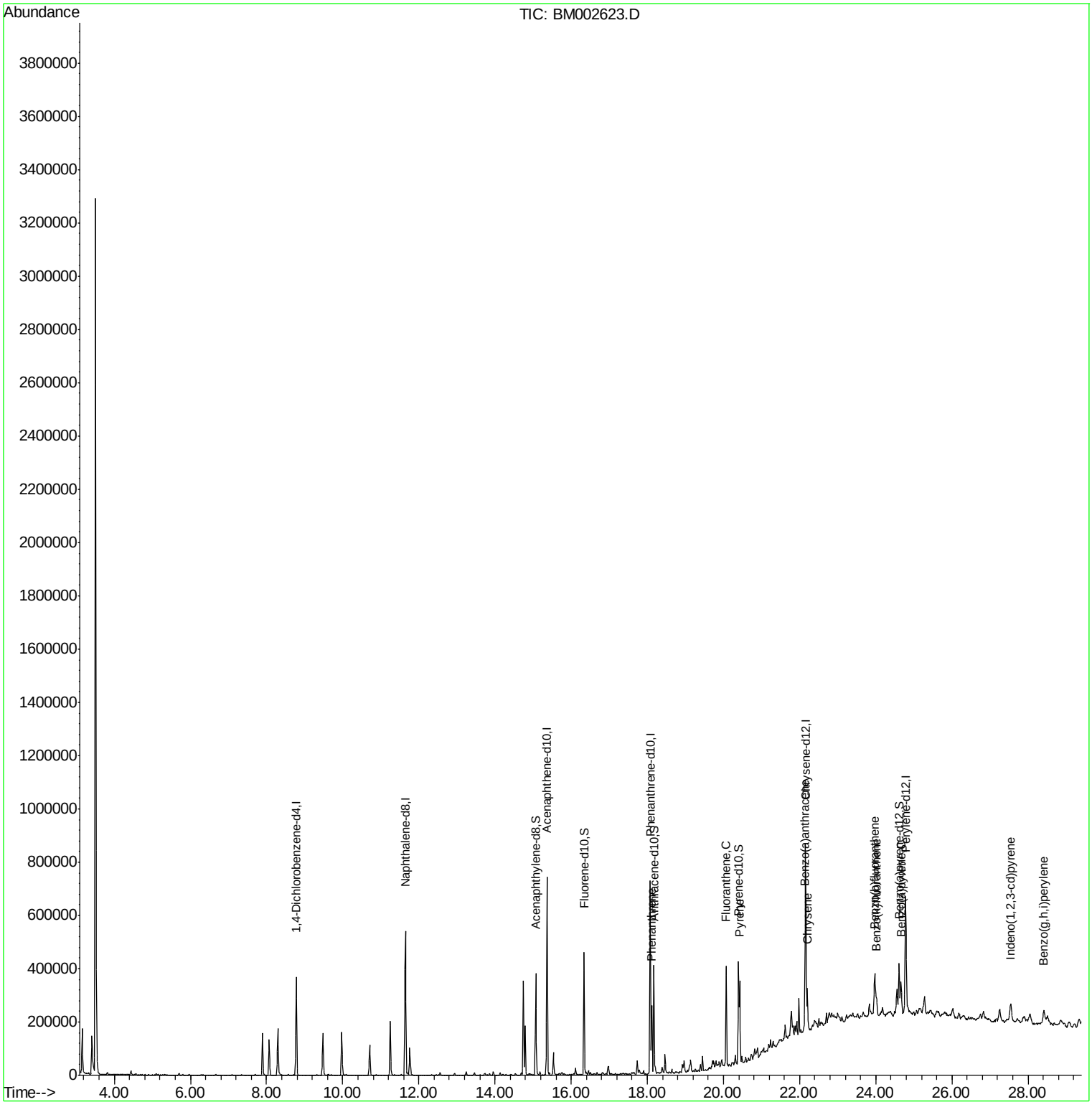
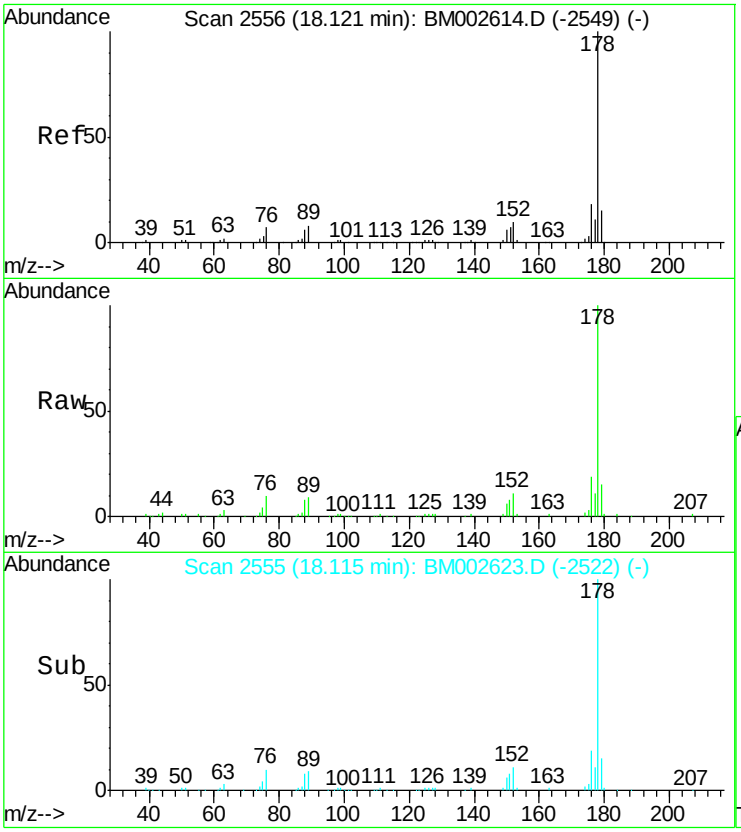
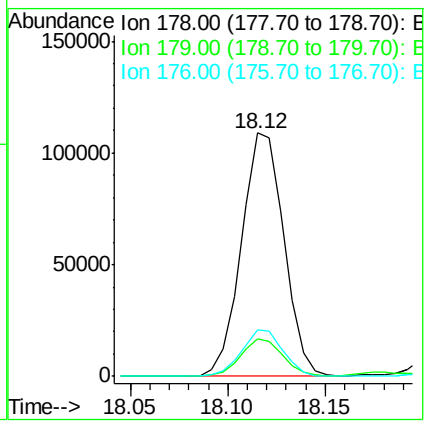




#13
Phenanthrene
Concen: 6.45 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:178 Resp: 164281

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.2	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
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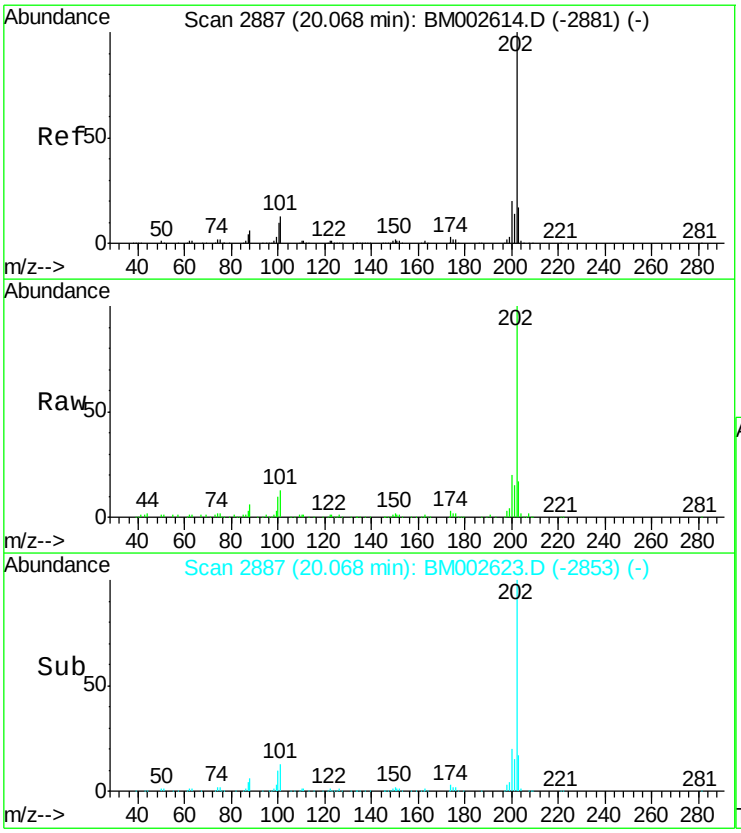
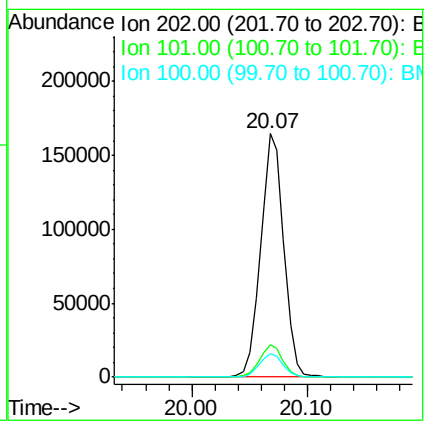
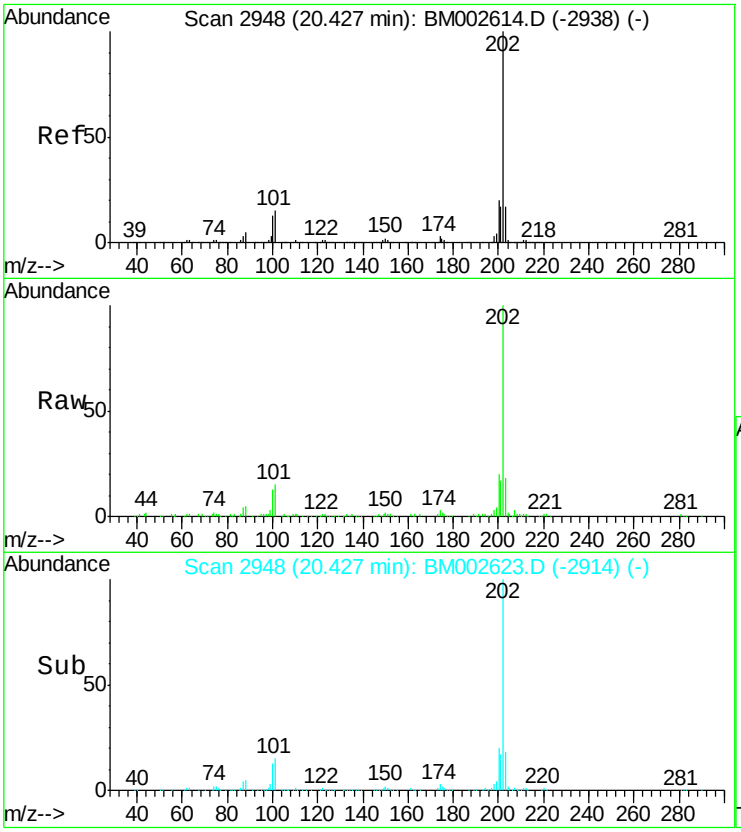


#16
Fluoranthene
Concen: 8.00 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:202 Resp: 230557

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	9.8	7.4	11.2

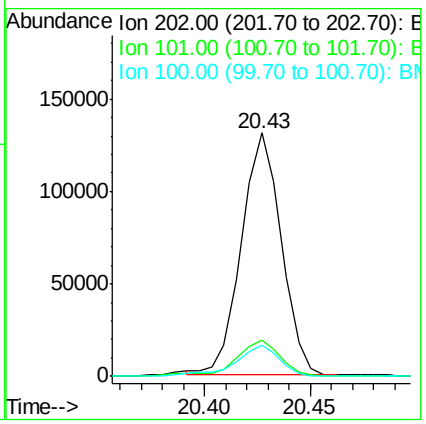




#19
Pyrene
Concen: 8.54 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:202 Resp: 172699

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.0	18.0
100	12.6	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
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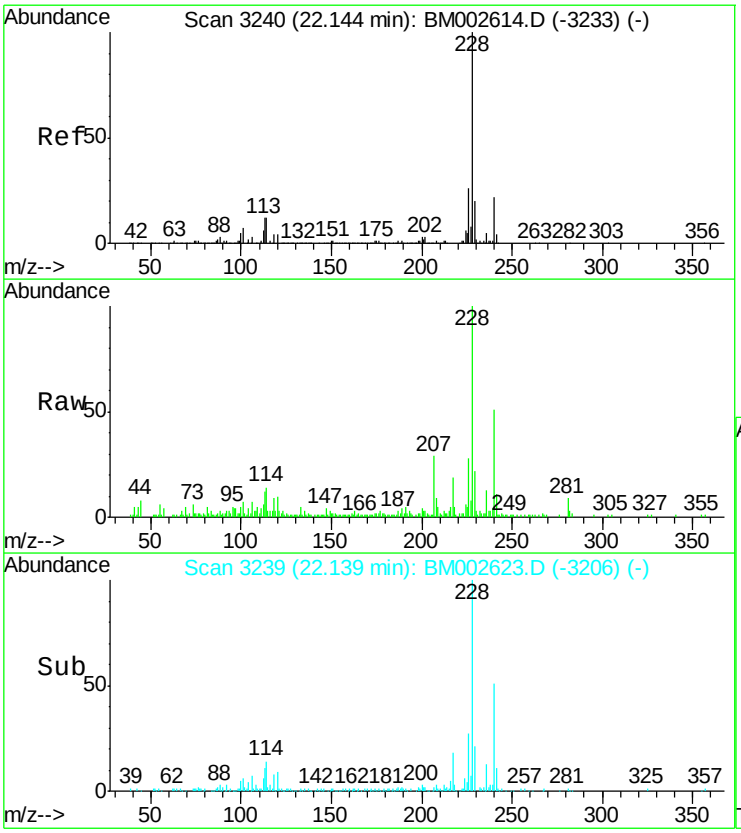
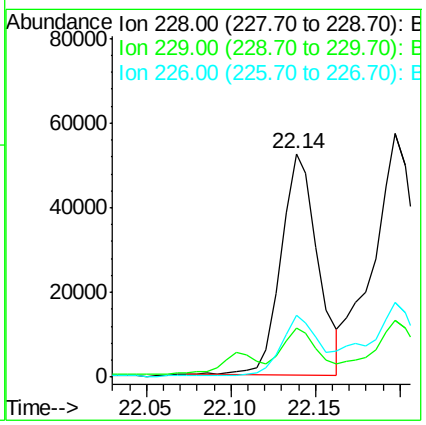
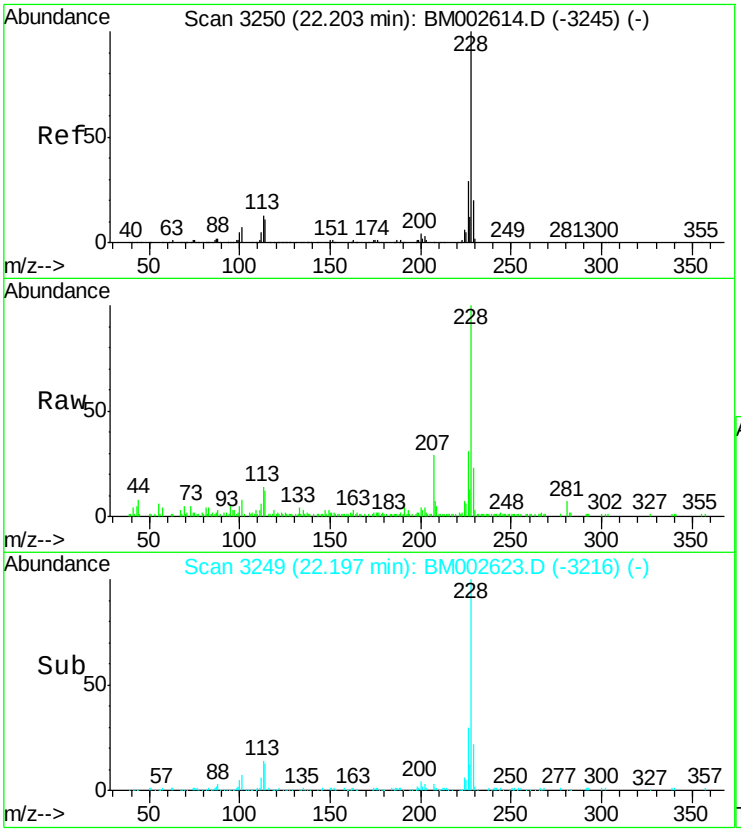


#20
Benzo(a)anthracene
Concen: 3.82 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:228 Resp: 78764

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	27.7	21.1	31.7

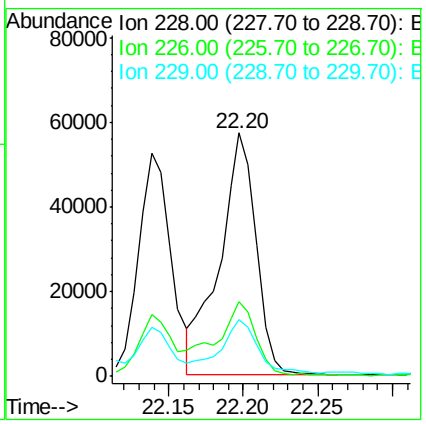




#21
Chrysene
Concen: 5.06 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:228 Resp: 97758

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	23.2	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
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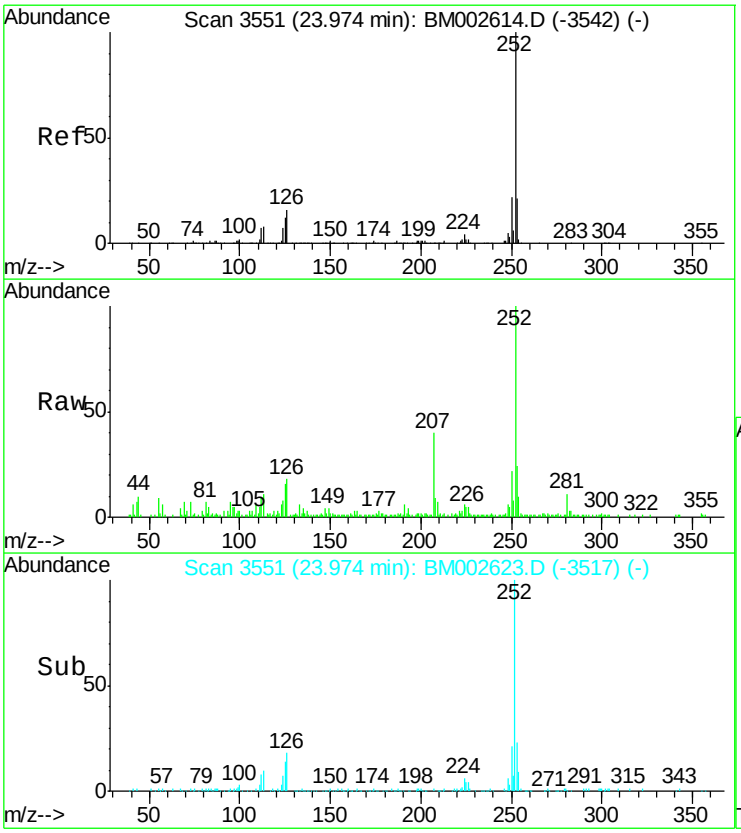
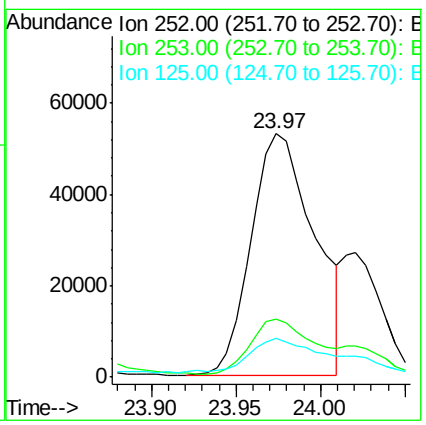
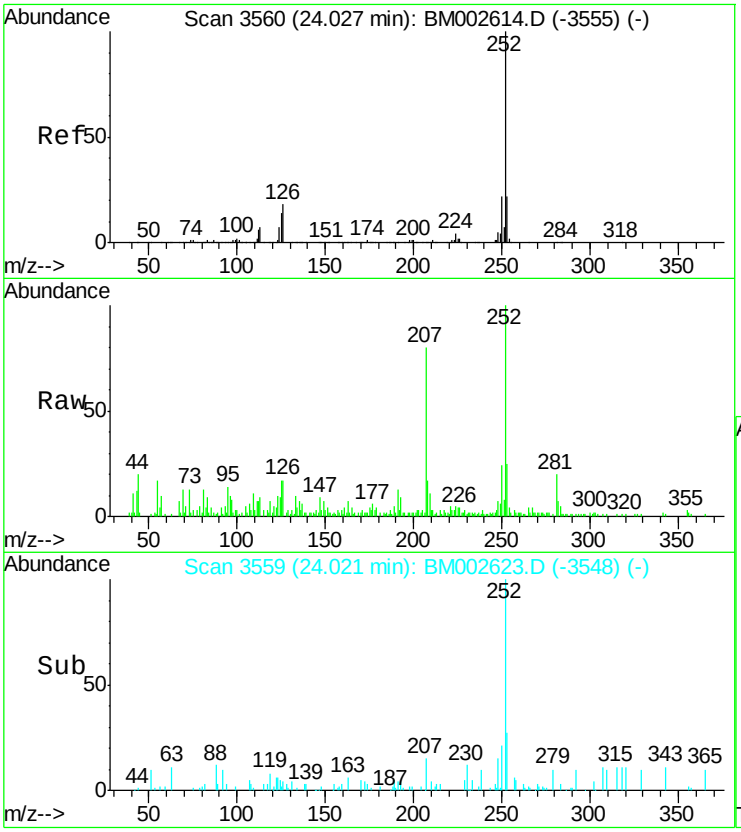


#23
Benzo(b)fluoranthene
Concen: 6.41 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:252 Resp: 138015

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	16.0	10.0	15.0#

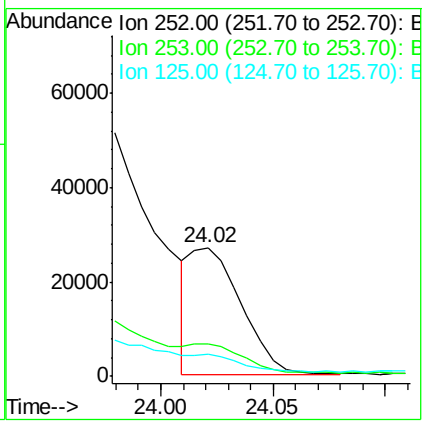




#24
Benzo(k)fluoranthene
Concen: 2.11 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:252 Resp: 42986

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	17.0	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
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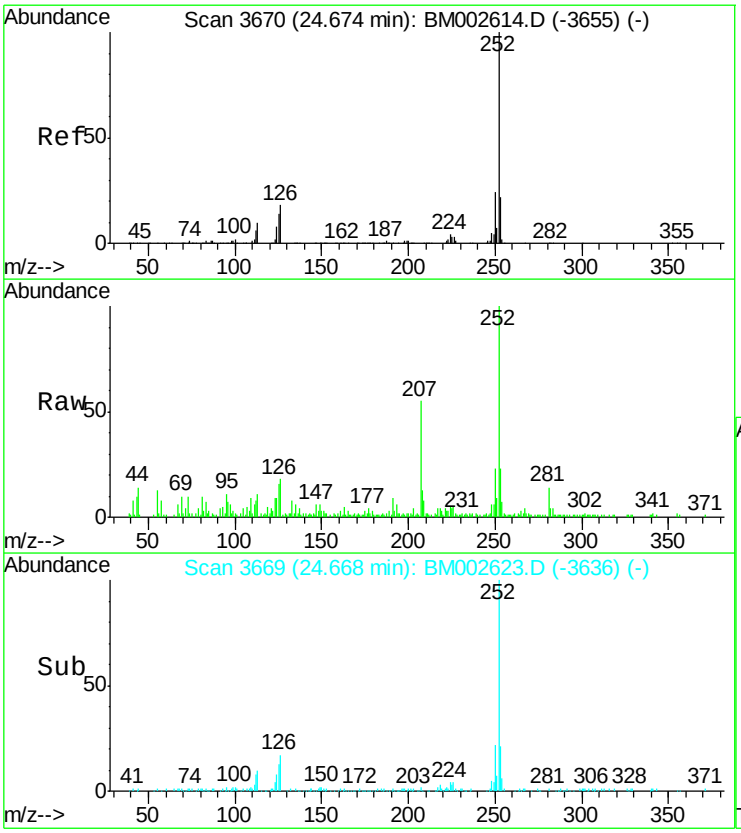
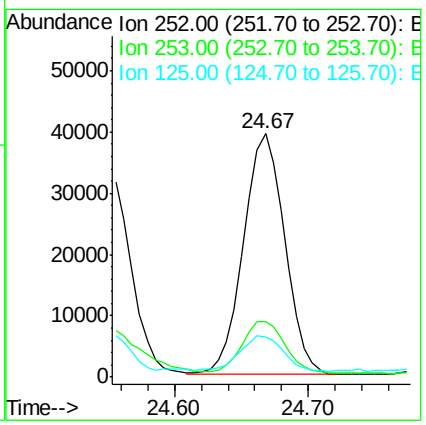
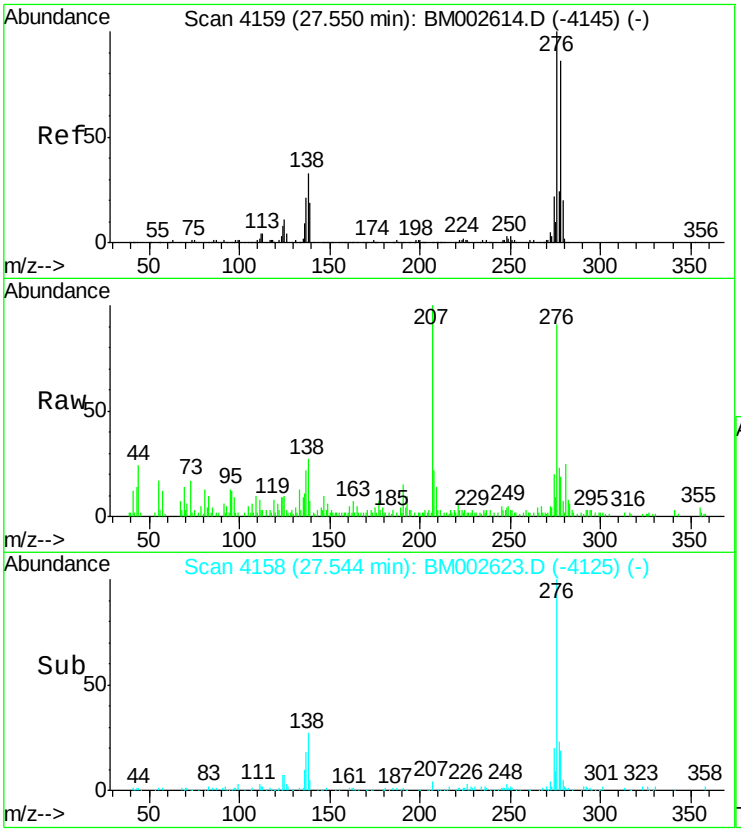


#26
Benzo(a)pyrene
Concen: 4.05 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:252 Resp: 83340

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	16.2	10.7	16.1#

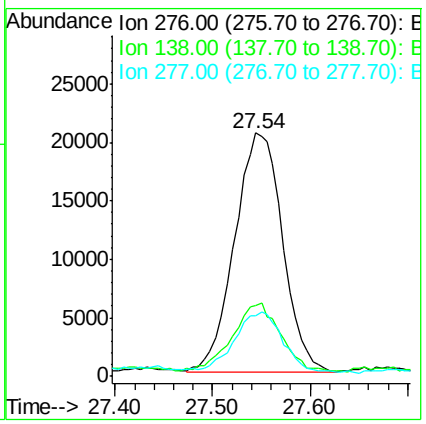




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.98 ng/ul
RT: 27.54 min Scan# 4158
Delta R.T. -0.01 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:276 Resp: 70364

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.3	37.9
277	24.8	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9EC2

Manual Integrations APPROVED
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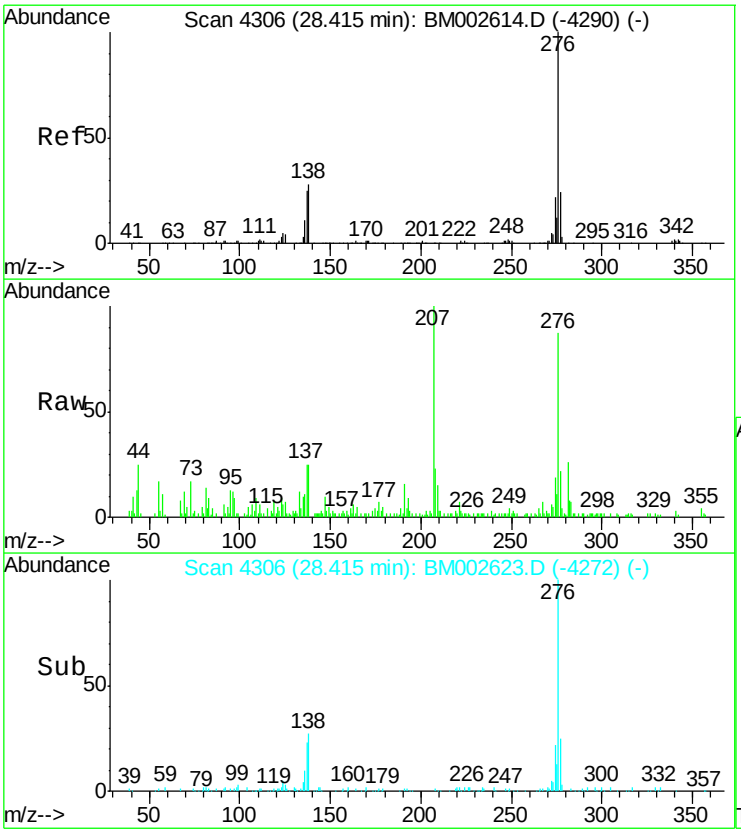
9/1/2015 2:57:14 PM



#29
Benzo(g,h,i)perylene
Concen: 3.26 ng/ul
RT: 28.41 min Scan# 4306
Delta R.T. 0.00 min
Lab File: BM002623.D
Acq: 01 Sep 2015 11:49

Tgt Ion:276 Resp: 64148

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.0	31.6
277	25.7	19.2	28.8