Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002618.D
Acq On : 01 Sep 2015 08:47
Operator : UM/IZ
Sample : G3456-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:56:47 PM

Quant Time: Sep 01 11:05:09 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	125229	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	544281	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	299402	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	486455	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	413138	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	384595	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	447759	14.63	ng/ul	0.00
10) Fluorene-d10	16.34	176	288054	13.40	ng/ul	0.00
14) Anthracene-d10	18.17	188	356281	15.18	ng/ul	0.00
18) Pyrene-d10	20.40	212	305413	16.68	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	296925	14.70	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	106070	3.78	ng/ul	99
16) Fluoranthene	20.07	202	196991	6.19	ng/ul	97
19) Pyrene	20.43	202	164473	6.80	ng/ul	98
20) Benzo(a)anthracene	22.14	228	89861	3.64	ng/ul	98
21) Chrysene	22.20	228	95928	4.15	ng/ul	97
23) Benzo(b)fluoranthene	23.97	252	143945	6.19	ng/ul#	93
24) Benzo(k)fluoranthene	24.02	252	43976m	2.00	ng/ul	
26) Benzo(a)pyrene	24.67	252	89965	4.05	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	71240	2.79	ng/ul	96
29) Benzo(g,h,i)perylene	28.41	276	66913	3.15	ng/ul	97

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

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Instrument :
BNA_M
ClientSampleId :
D9EA3

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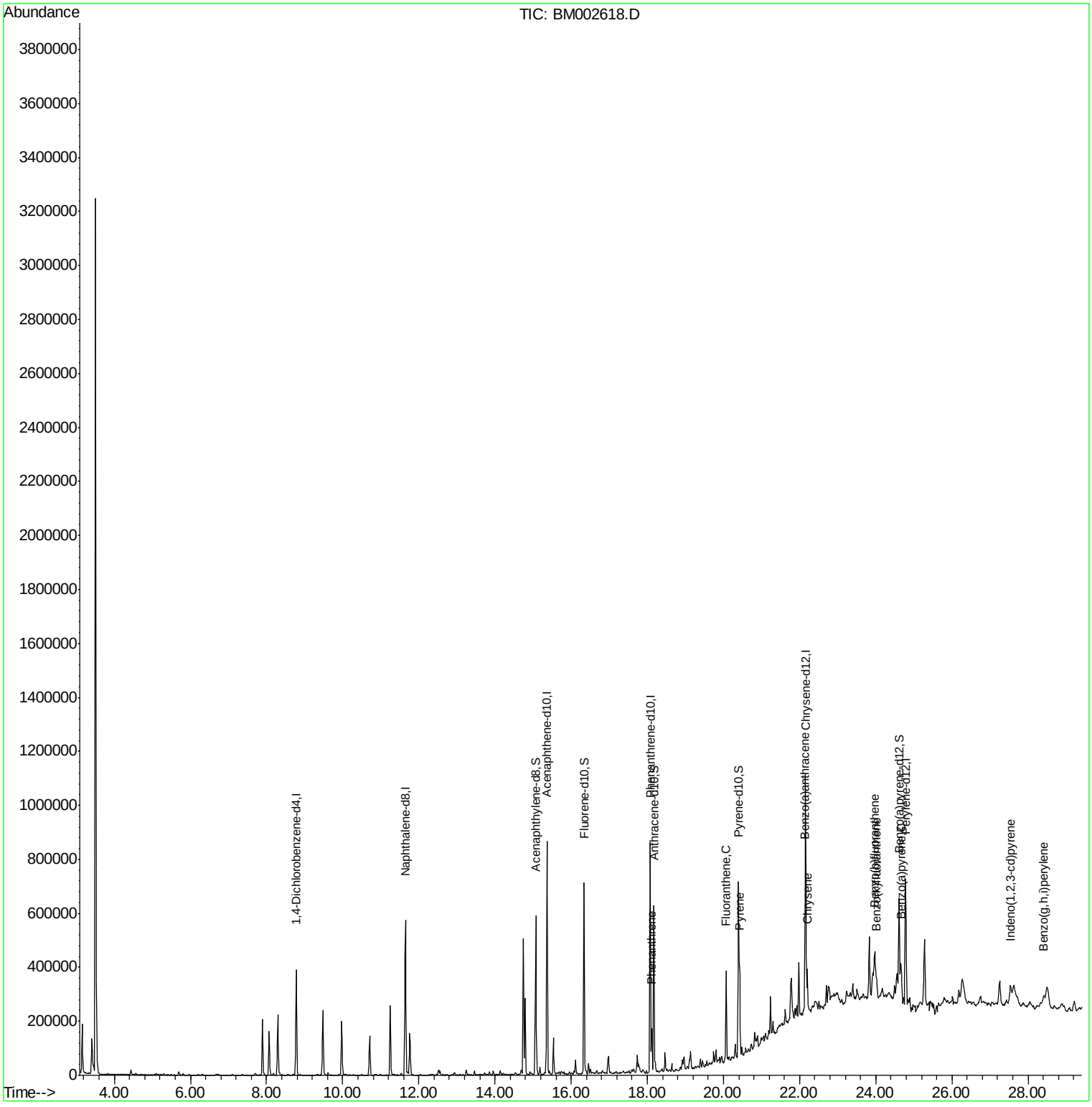
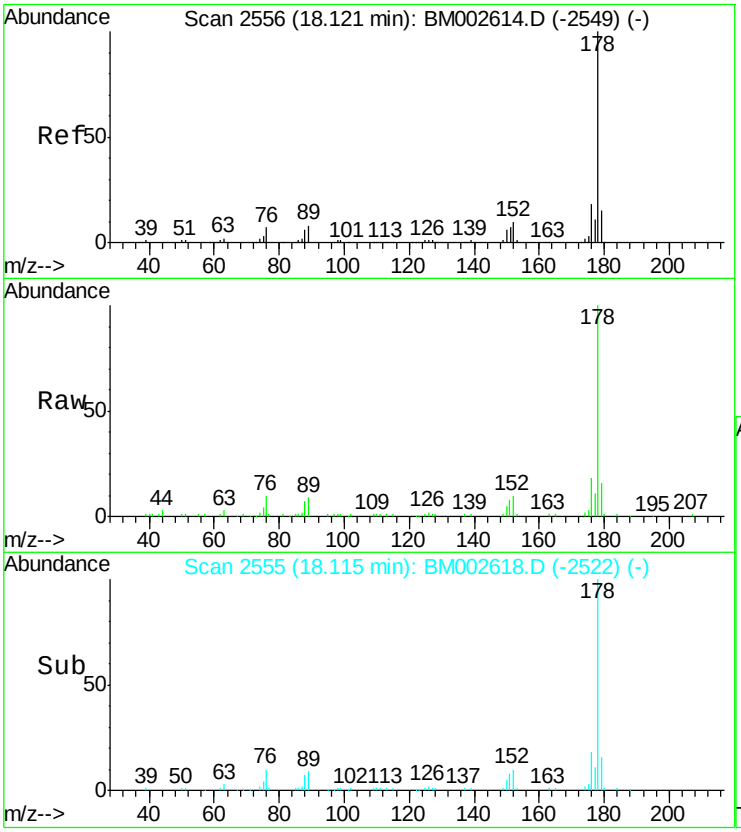
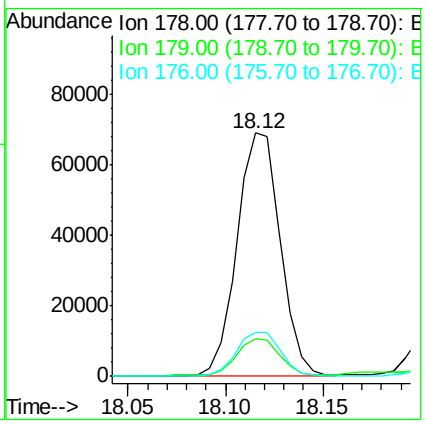




#13
Phenanthrene
Concen: 3.78 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:178 Resp: 106070

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.1	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
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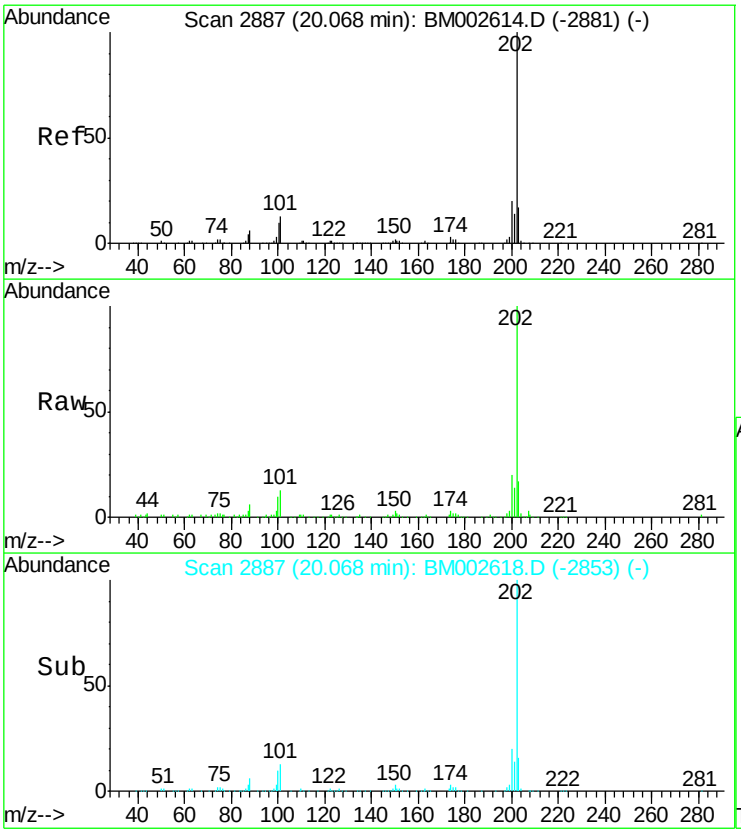
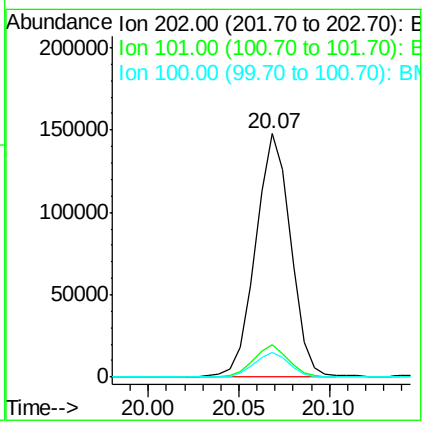
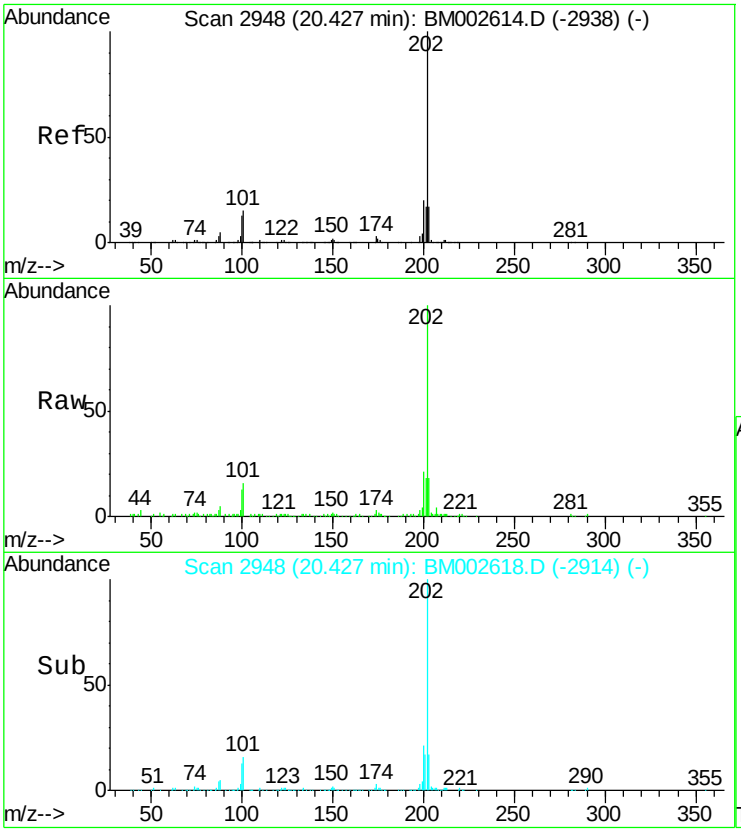


#16
Fluoranthene
Concen: 6.19 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:202 Resp: 196991

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.0	7.4	11.2

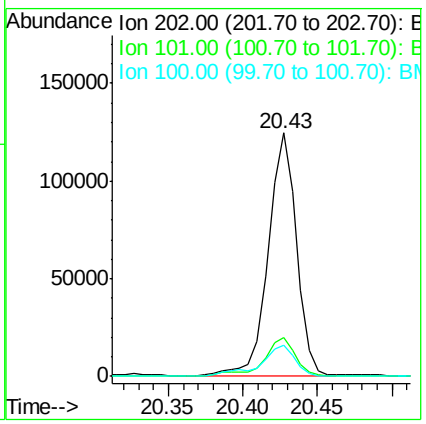




#19
Pyrene
Concen: 6.80 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:202 Resp: 164473

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.0	18.0
100	12.6	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
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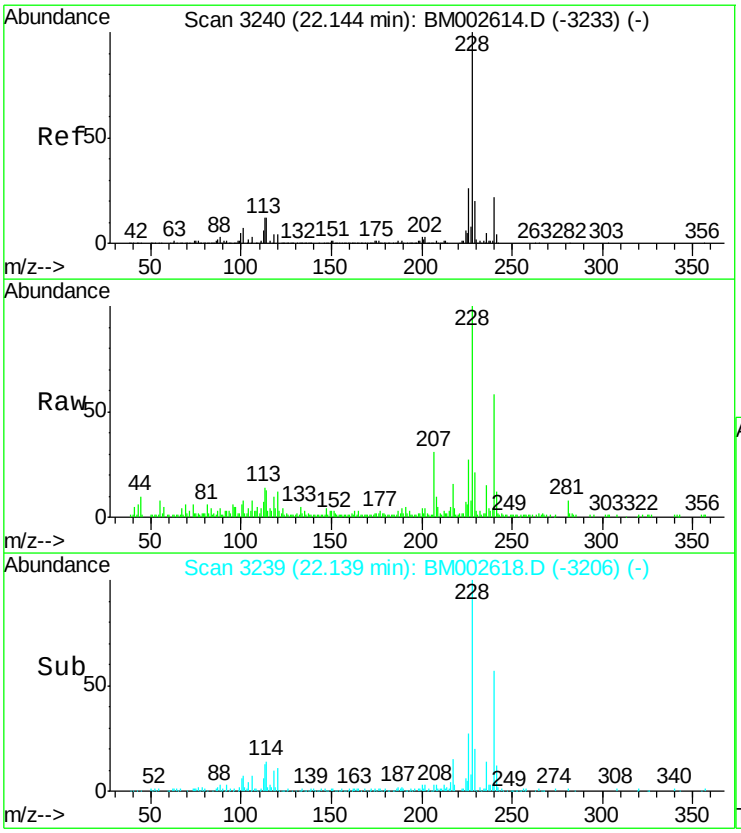
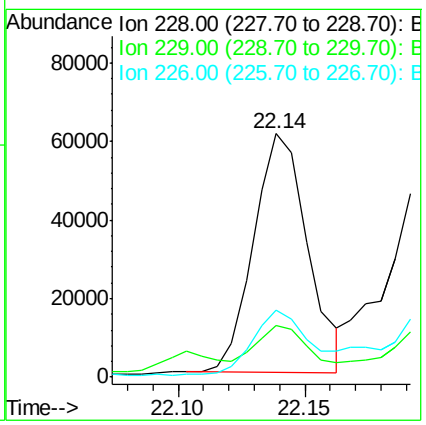
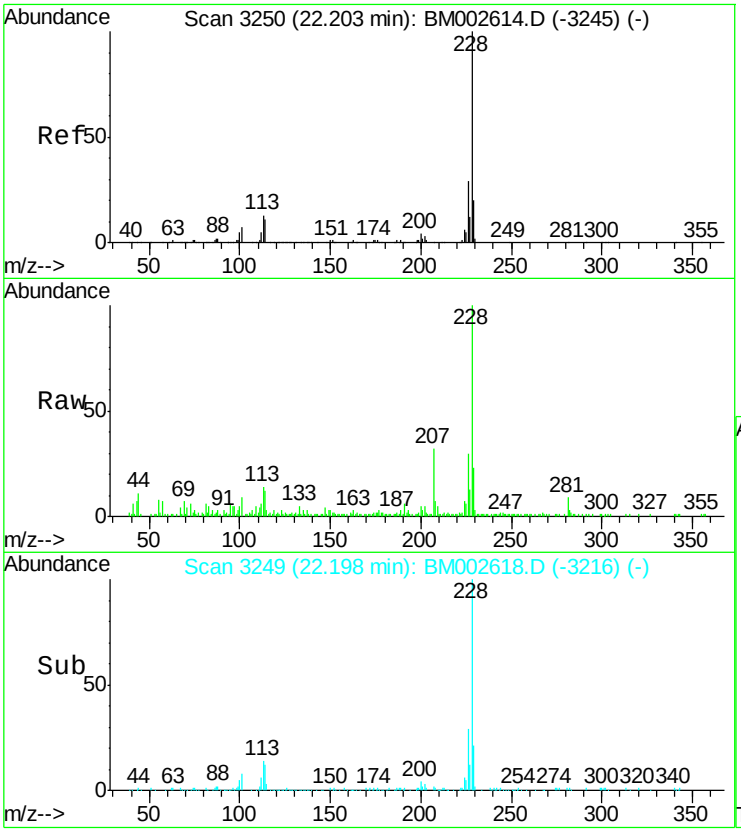


#20
Benzo(a)anthracene
Concen: 3.64 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:228 Resp: 89861

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	27.3	21.1	31.7

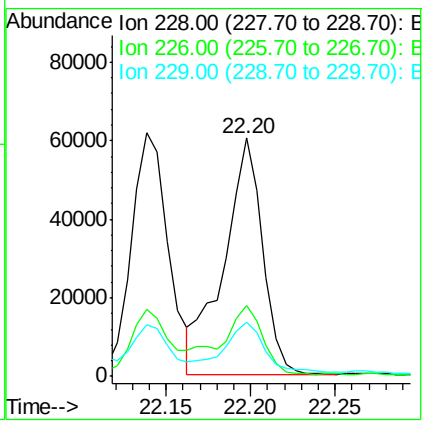




#21
Chrysene
Concen: 4.15 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:228 Resp: 95928

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
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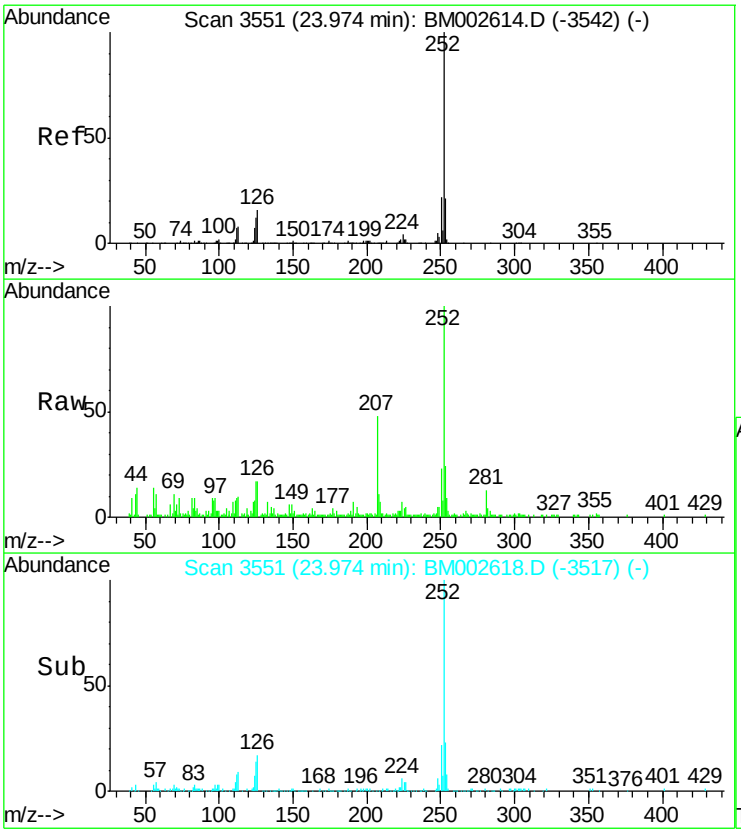
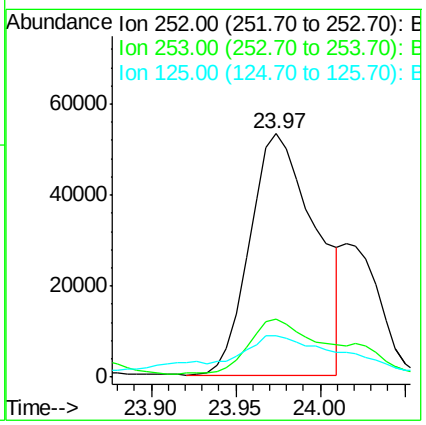
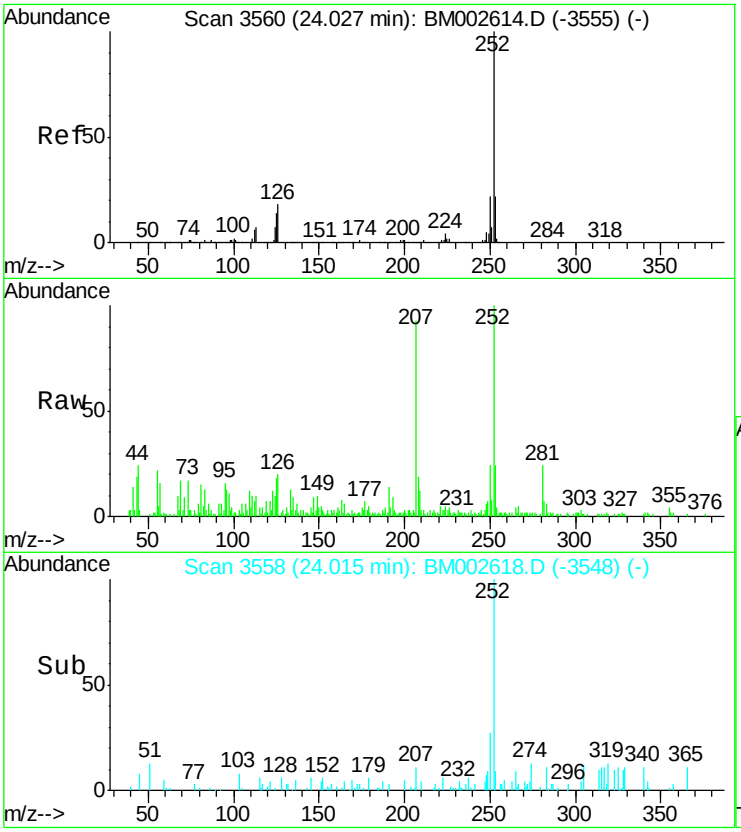


#23
Benzo(b)fluoranthene
Concen: 6.19 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:252 Resp: 143945

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	16.8	10.0	15.0#

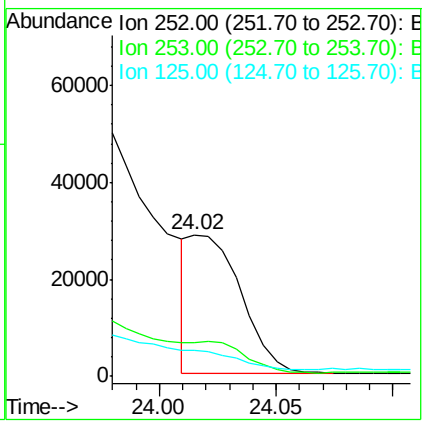




#24
Benzo(k)fluoranthene
Concen: 2.00 ng/ul m
RT: 24.02 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:252 Resp: 43976

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	18.5	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
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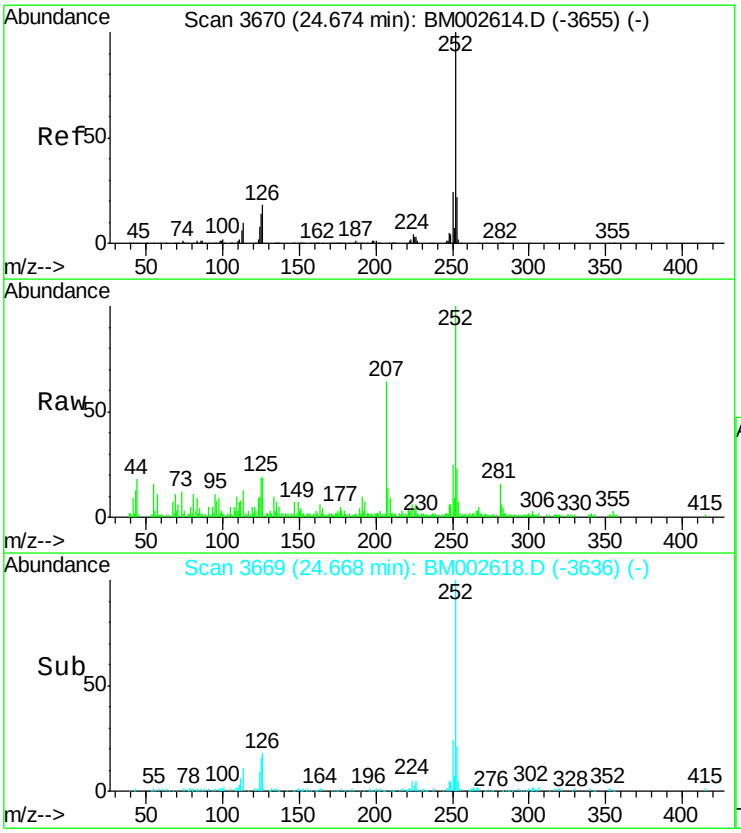
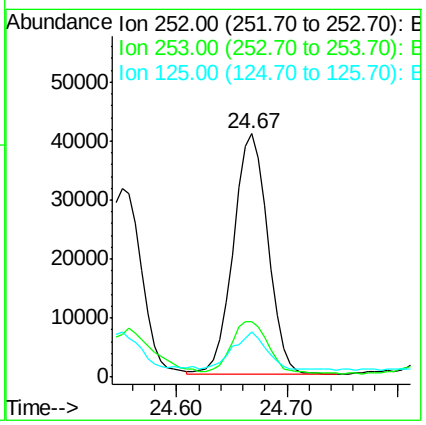
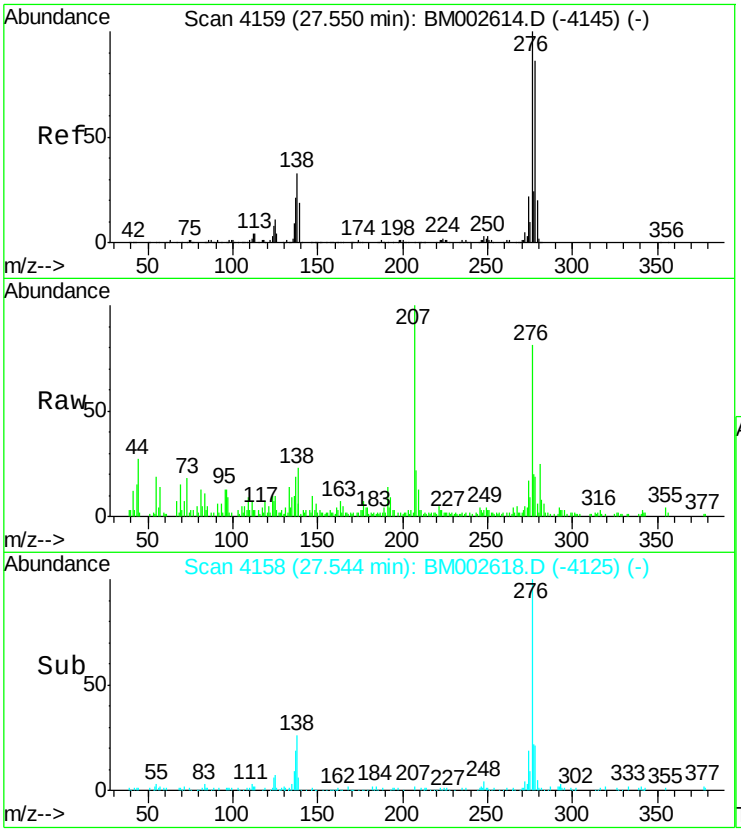


#26
Benzo(a)pyrene
Concen: 4.05 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:252 Resp: 89965

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	18.6	10.7	16.1#

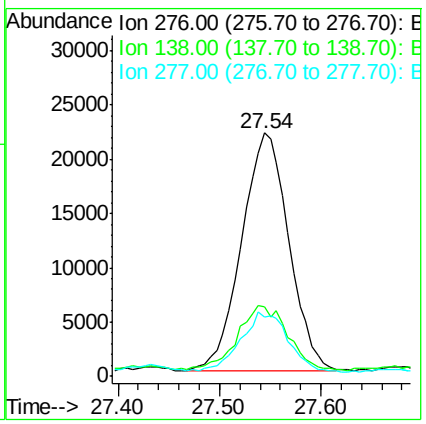




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng/ul
RT: 27.54 min Scan# 4158
Delta R.T. -0.01 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:276 Resp: 71240

Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.3	37.9
277	24.4	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9EA3

Manual Integrations APPROVED
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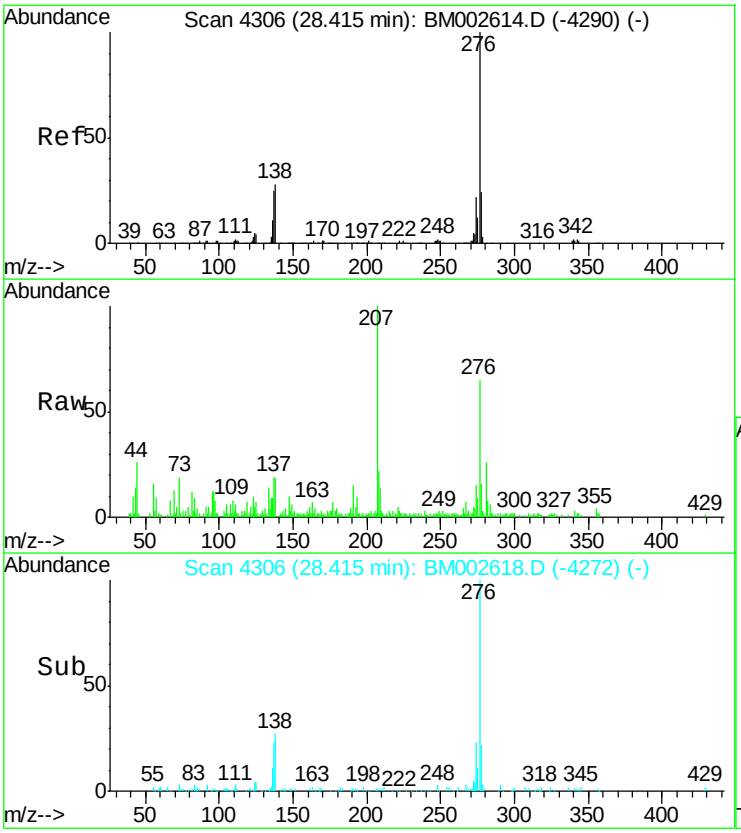

#29
Benzo(g,h,i)perylene
Concen: 3.15 ng/ul
RT: 28.41 min Scan# 4306
Delta R.T. 0.00 min
Lab File: BM002618.D
Acq: 01 Sep 2015 08:47

Tgt Ion:276 Resp: 66913

Ion	Ratio	Lower	Upper
276	100		
138	29.7	21.0	31.6
277	24.0	19.2	28.8