Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002568.D
Acq On : 29 Aug 2015 17:18
Operator : UM/IZ
Sample : G3455-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E67

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:50:48 PM

Quant Time: Aug 31 01:22:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	122774	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	505566	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	240046	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	470563	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	489741	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	512502	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	662778	27.01	ng/ul	0.00
10) Fluorene-d10	16.33	176	421564	24.46	ng/ul	0.00
14) Anthracene-d10	18.17	188	606748	26.73	ng/ul	0.00
18) Pyrene-d10	20.40	212	564510	26.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	580919	21.58	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	78741	2.90	ng/ul	99
16) Fluoranthene	20.07	202	146368	4.76	ng/ul	98
19) Pyrene	20.42	202	121733	4.24	ng/ul	97
20) Benzo(a)anthracene	22.14	228	74404	2.54	ng/ul	99
21) Chrysene	22.19	228	81984m	2.99	ng/ul	
23) Benzo(b)fluoranthene	23.97	252	119518	3.86	ng/ul#	96
24) Benzo(k)fluoranthene	24.00	252	42961m	1.46	ng/ul	
26) Benzo(a)pyrene	24.66	252	75709	2.56	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.53	276	63069	1.85	ng/ul	93
29) Benzo(g,h,i)perylene	28.39	276	62414	2.20	ng/ul	97

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

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Instrument :
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Manual Integrations APPROVED
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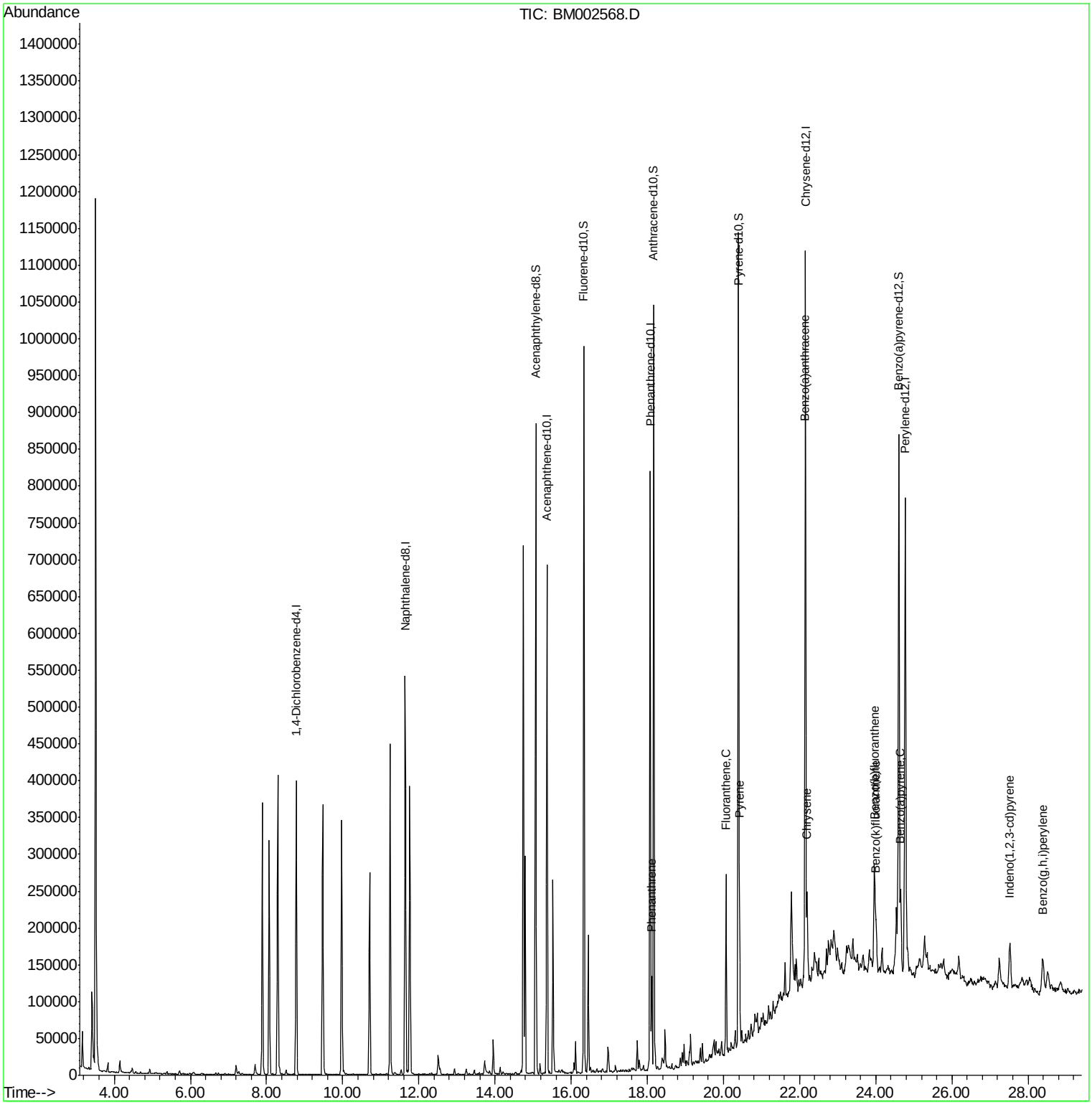
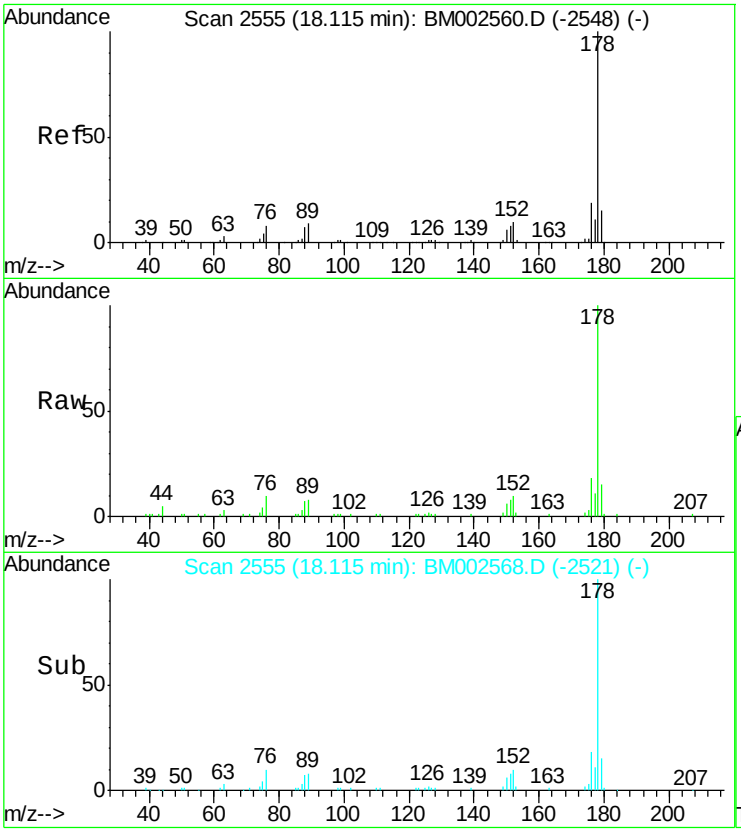
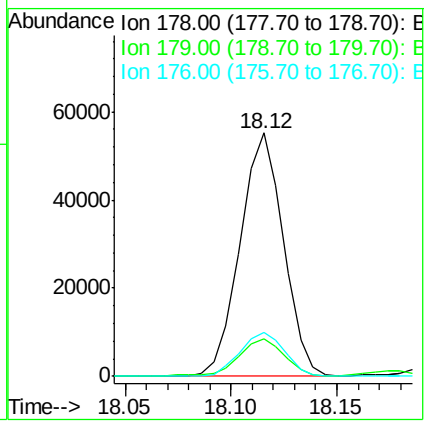




#13
Phenanthrene
Concen: 2.90 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:178 Resp: 78741

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.1	15.1	22.7



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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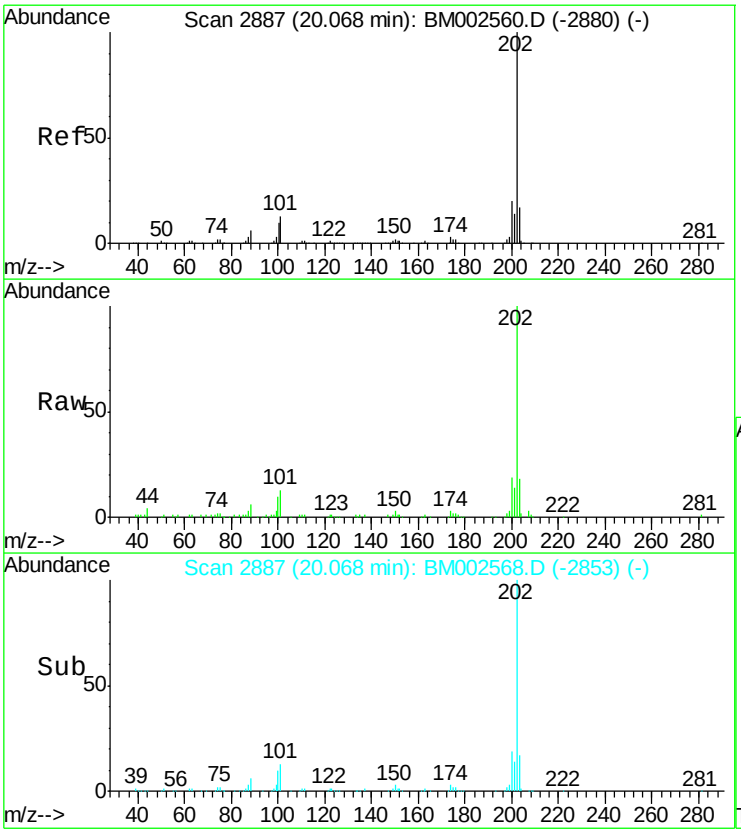
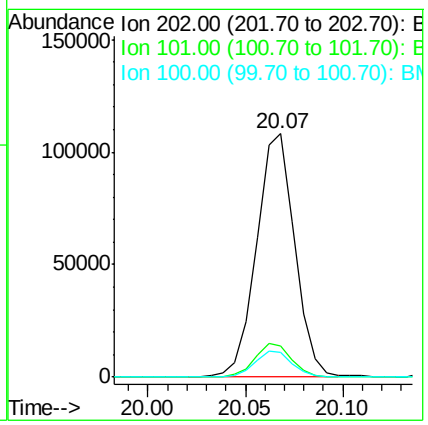
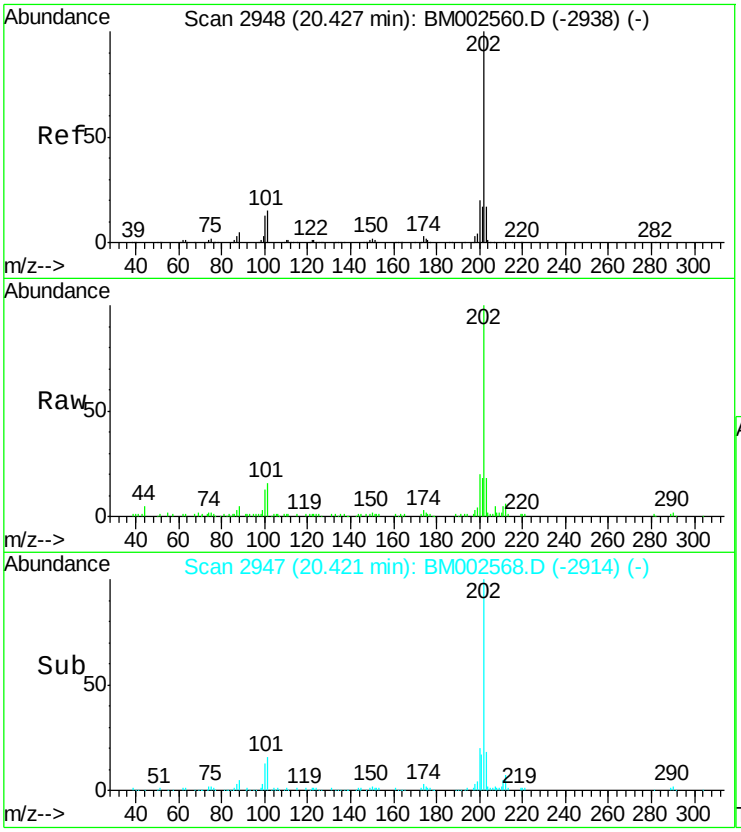


#16
Fluoranthene
Concen: 4.76 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:202 Resp: 146368

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	10.1	7.4	11.2

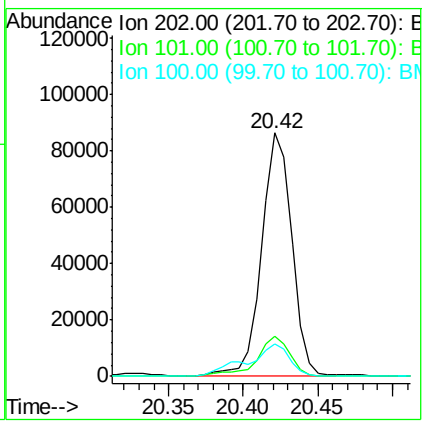




#19
Pyrene
Concen: 4.24 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:202 Resp: 121733

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.0	18.0
100	13.1	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9E67

Manual Integrations APPROVED
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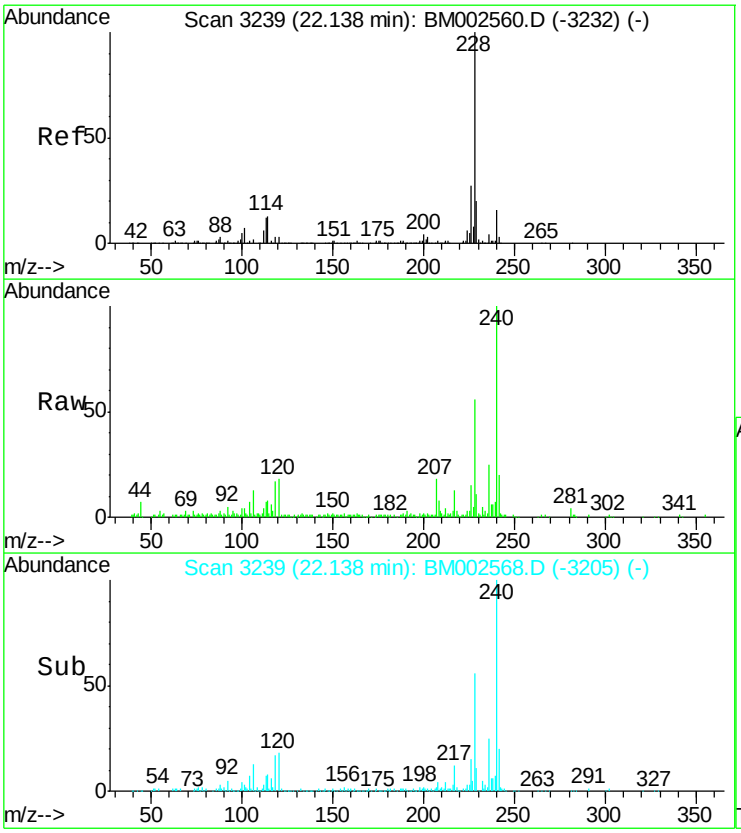
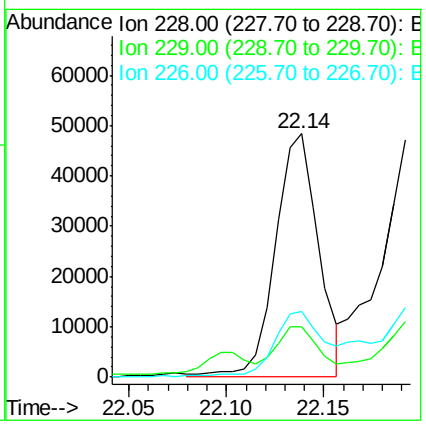
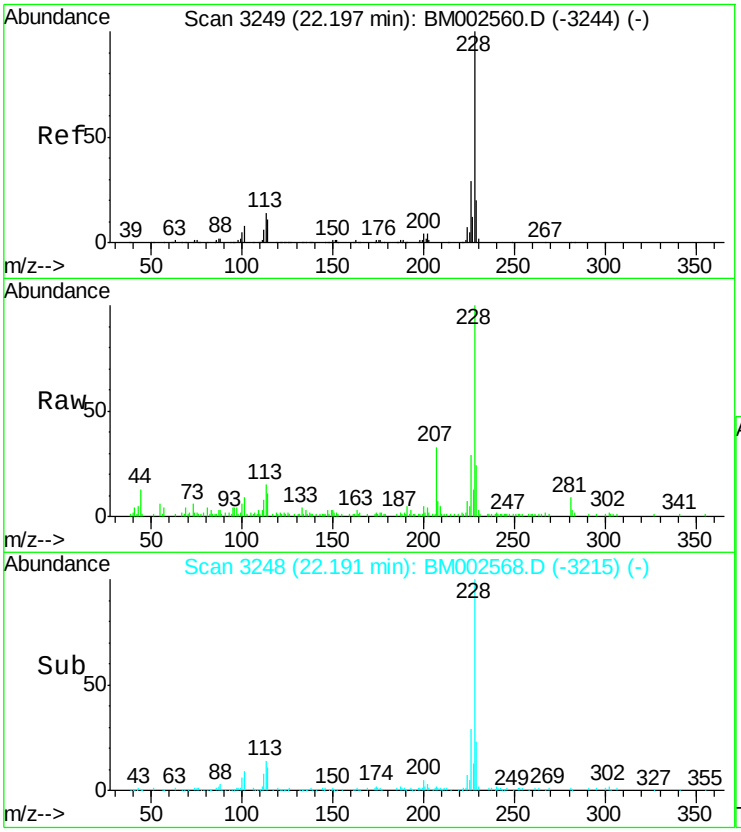


#20
Benzo(a)anthracene
Concen: 2.54 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:228 Resp: 74404

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	26.9	21.1	31.7





#21
Chrysene
Concen: 2.99 ng/ul m
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:228 Resp: 81984

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	23.5	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
D9E67

Manual Integrations APPROVED
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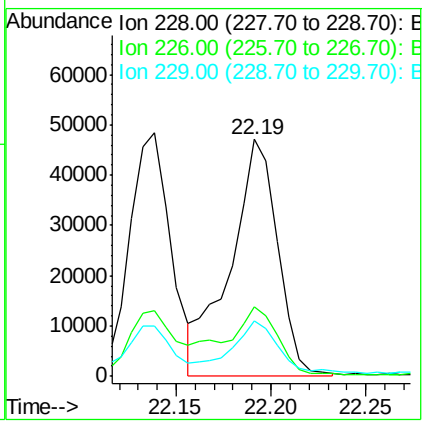
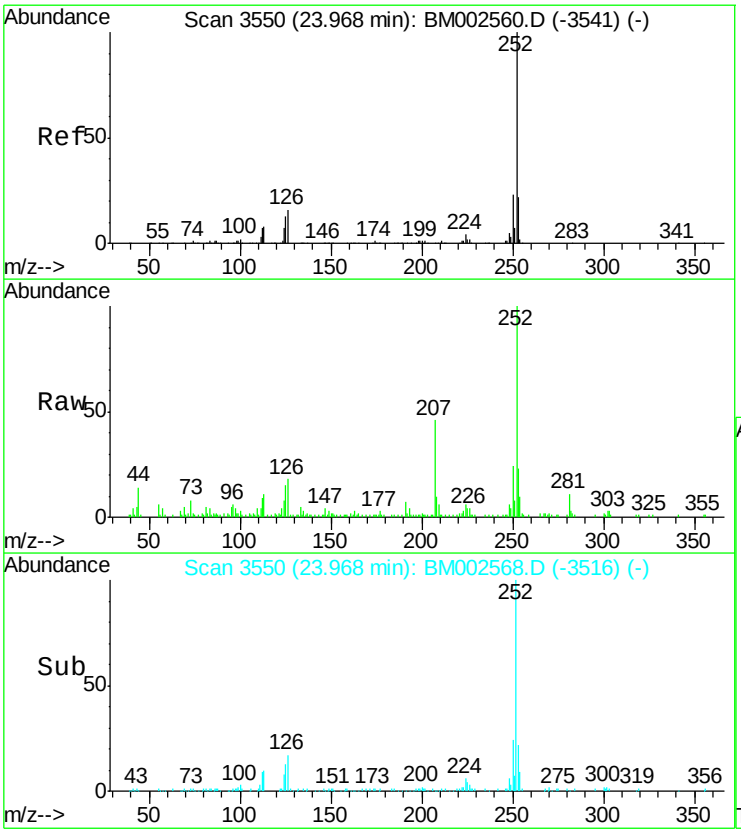
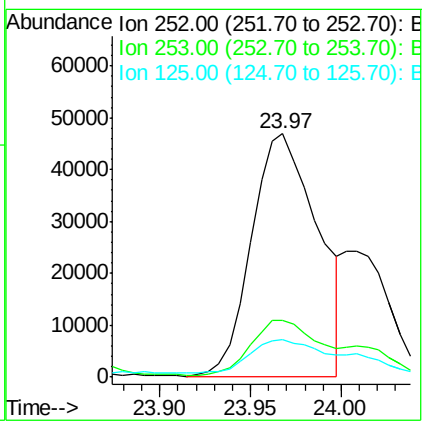


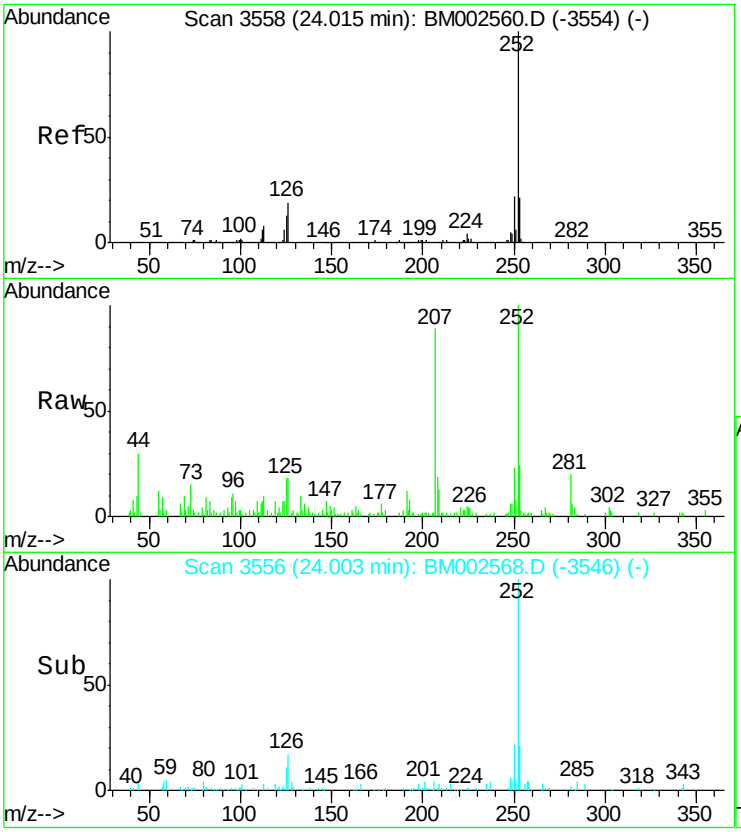


#23
Benzo(b)fluoranthene
Concen: 3.86 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:252 Resp: 119518

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	15.2	10.0	15.0#

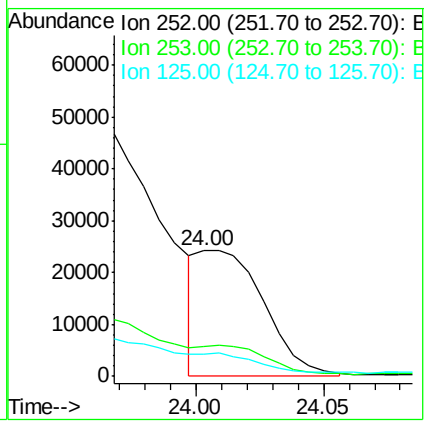




#24
Benzo(k)fluoranthene
Concen: 1.46 ng/ul m
RT: 24.00 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:252 Resp: 42961

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	17.5	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
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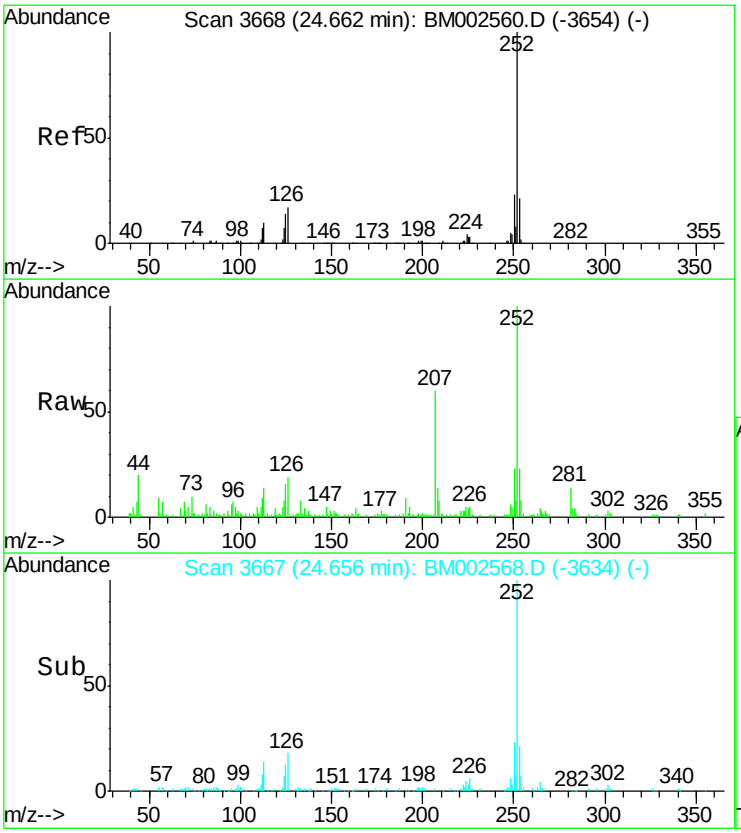
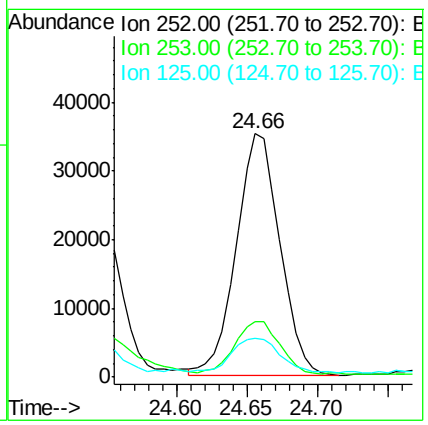
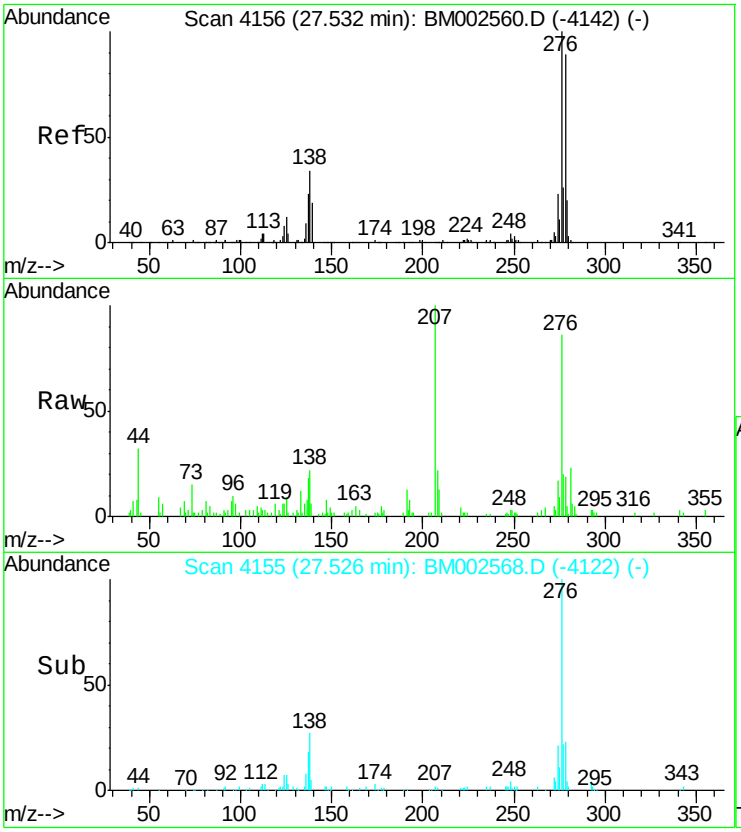


#26
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:252 Resp: 75709

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

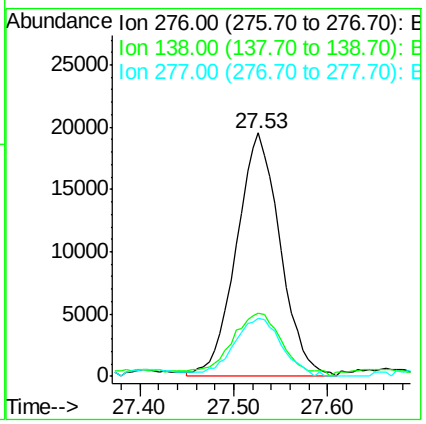




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.85 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:276 Resp: 63069

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.3	37.9
277	23.7	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9E67

Manual Integrations APPROVED
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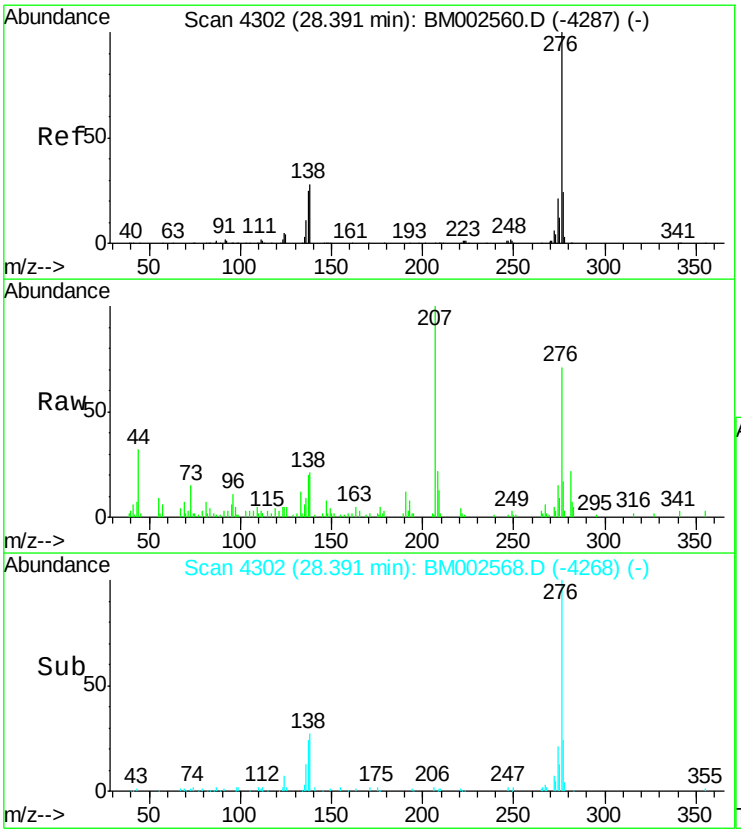

#29
Benzo(g,h,i)perylene
Concen: 2.20 ng/ul
RT: 28.39 min Scan# 4302
Delta R.T. -0.00 min
Lab File: BM002568.D
Acq: 29 Aug 2015 17:18

Tgt Ion:276 Resp: 62414

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.0	31.6
277	24.1	19.2	28.8