Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002338.D
Acq On : 12 Aug 2015 00:43
Operator : UM/IZ
Sample : G3162-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C79

Manual Integrations APPROVED
MMDadoda
8/12/2015 2:35:24 PM

Quant Time: Aug 12 04:57:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204817	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	964902	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	517502	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1062634	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	904092	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	683257	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	815192	15.21	ng/ul	0.00
10) Fluorene-d10	16.45	176	538821	14.45	ng/ul	0.00
14) Anthracene-d10	18.29	188	750431	14.55	ng/ul	0.00
18) Pyrene-d10	20.50	212	725659	16.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	474307	13.07	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.23	178	151948	2.48	ng/ul	100
16) Fluoranthene	20.17	202	283654	4.19	ng/ul	100
19) Pyrene	20.53	202	236896	4.05	ng/ul	98
20) Benzo(a)anthracene	22.26	228	120653	2.19	ng/ul	97
21) Chrysene	22.31	228	130488	2.49	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	157670	3.71	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	54788m	1.34	ng/ul	
26) Benzo(a)pyrene	24.84	252	95967	2.36	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.79	276	69671	1.50	ng/ul	93
29) Benzo(g,h,i)perylene	28.69	276	65314	1.66	ng/ul#	93

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

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Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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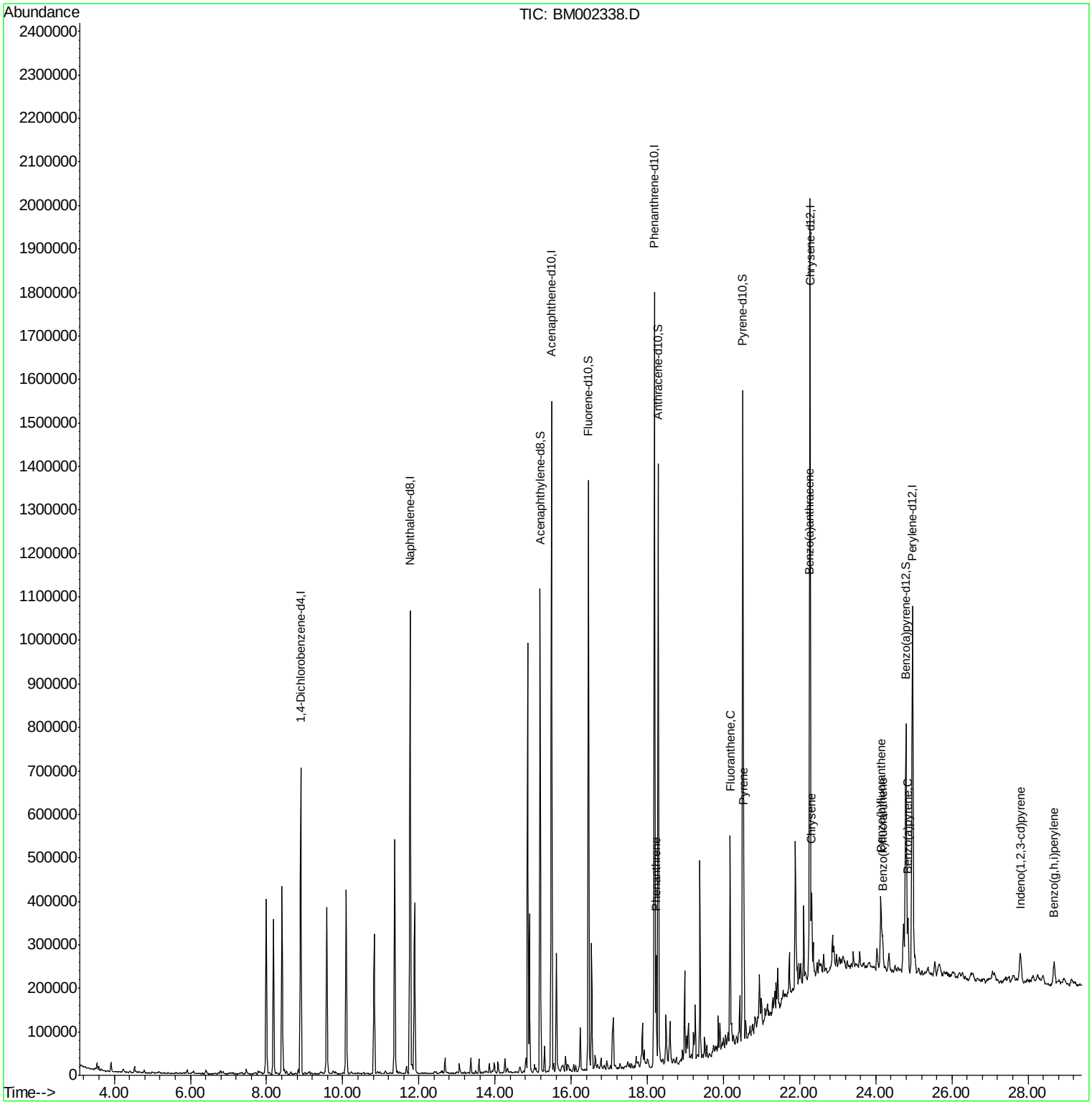
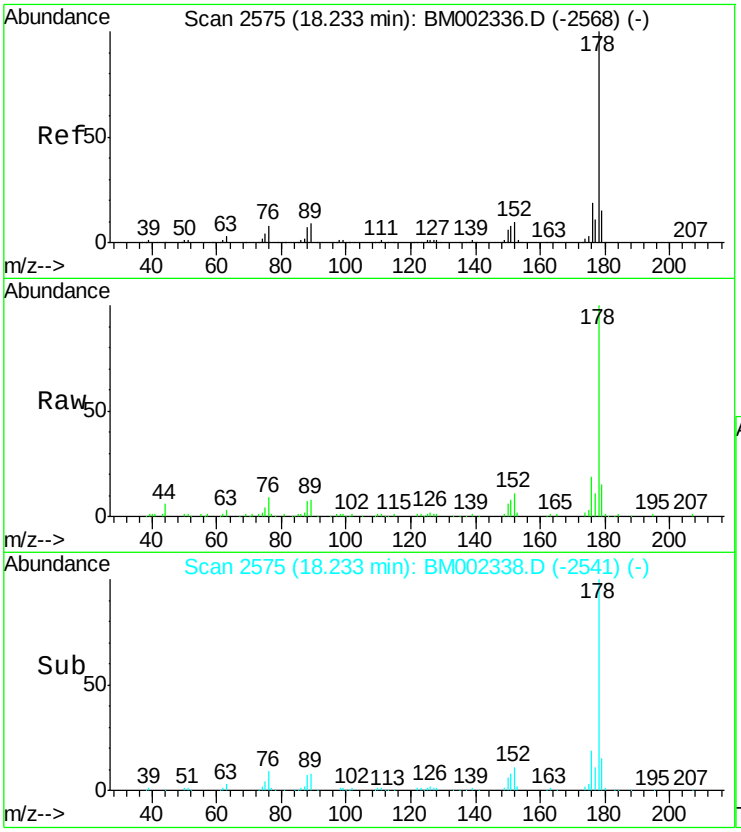
8/12/2015 2:35:24 PM

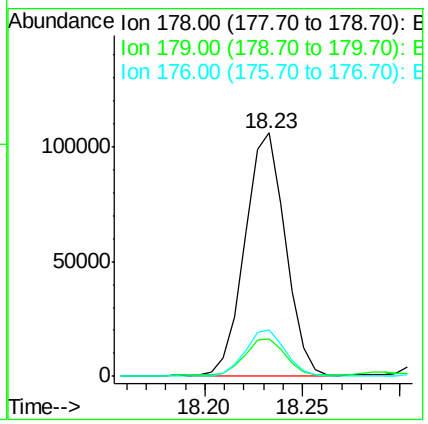




#13
Phenanthrene
Concen: 2.48 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:178 Resp: 151948

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.1	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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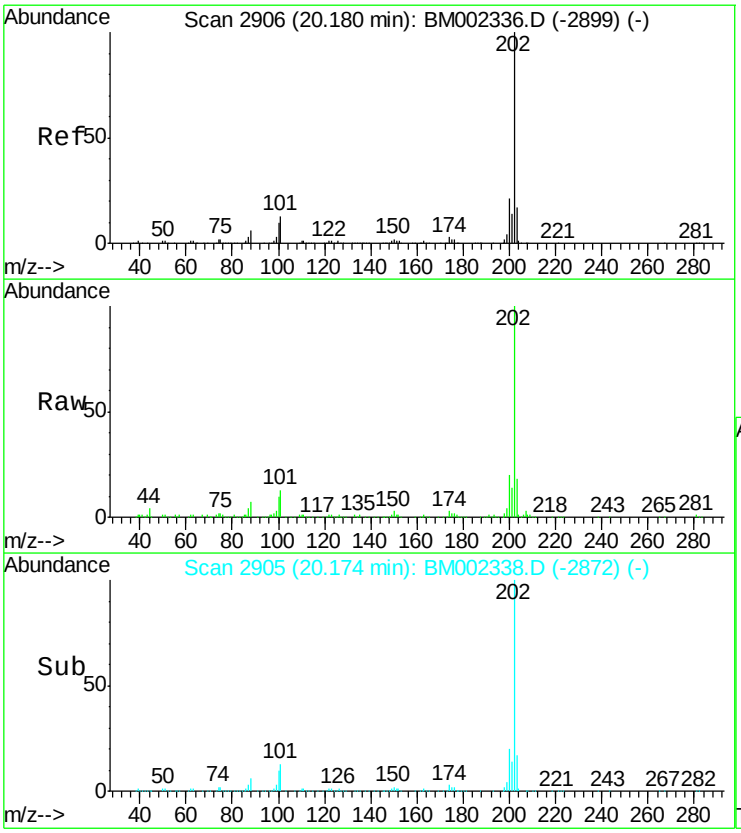
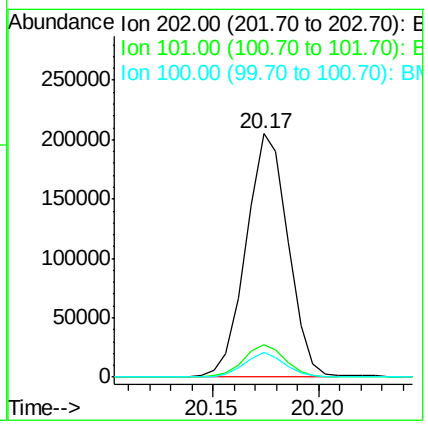
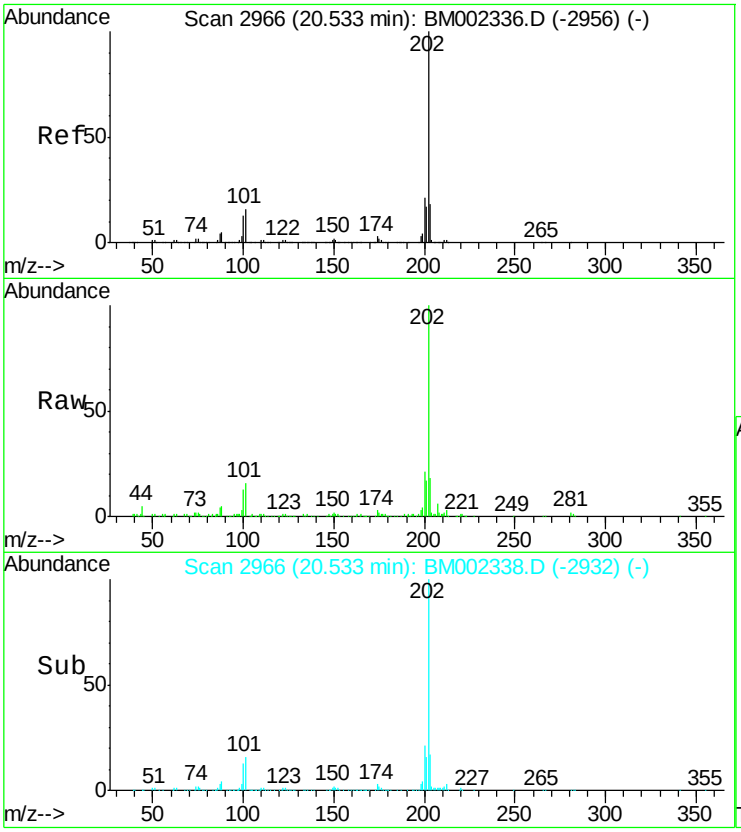


#16
Fluoranthene
Concen: 4.19 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:202 Resp: 283654

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.2	8.2	12.4

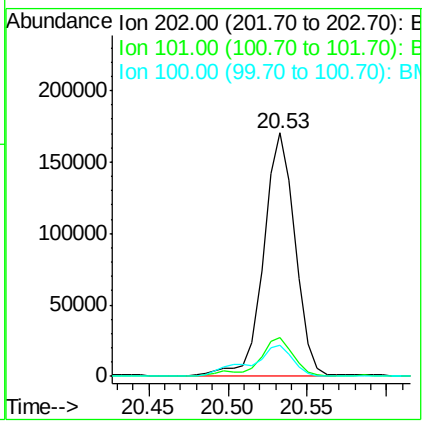




#19
Pyrene
Concen: 4.05 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:202 Resp: 236896

Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.0	19.6
100	12.6	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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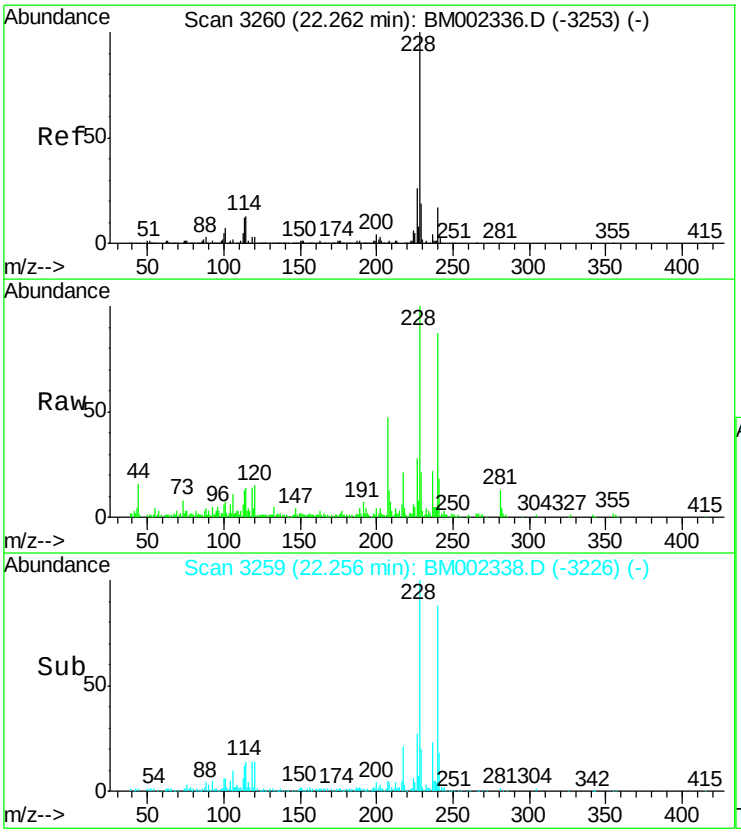
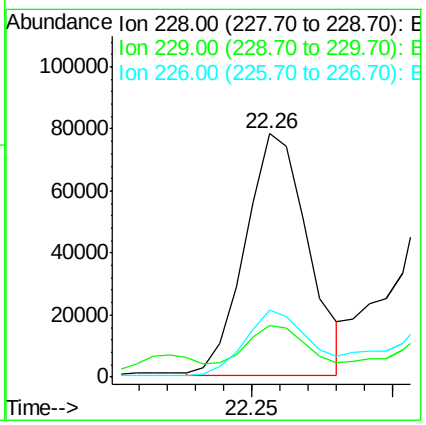
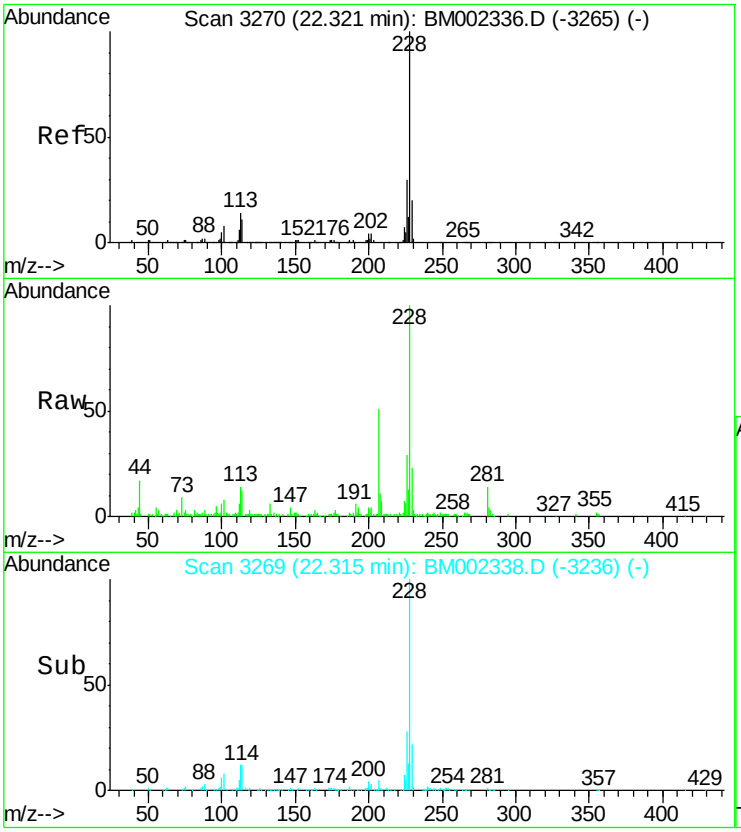


#20
Benzo(a)anthracene
Concen: 2.19 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:228 Resp: 120653

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.6	21.4	32.0

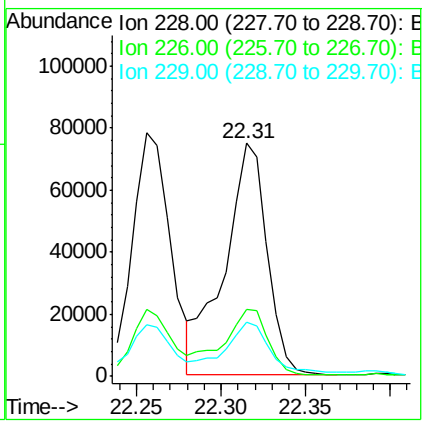




#21
Chrysene
Concen: 2.49 ng/ul
RT: 22.31 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:228 Resp: 130488

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.0
229	23.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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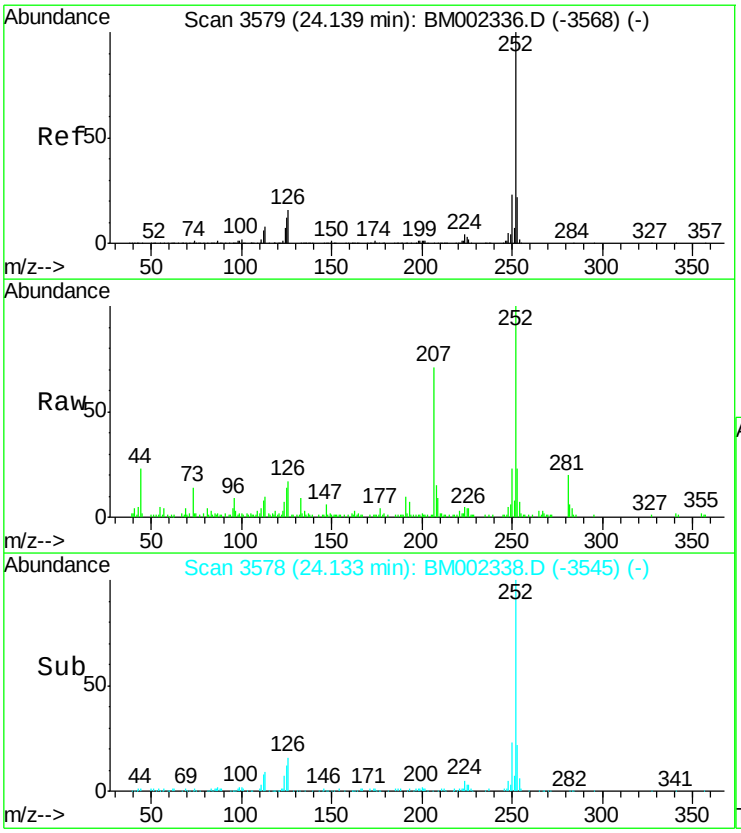
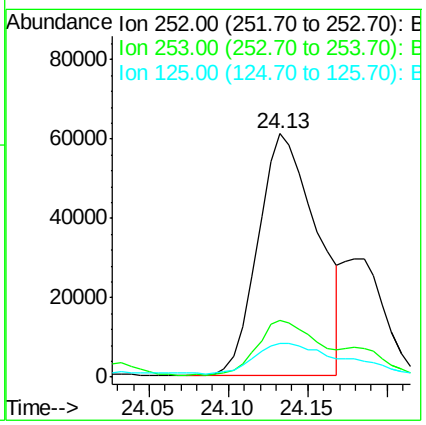
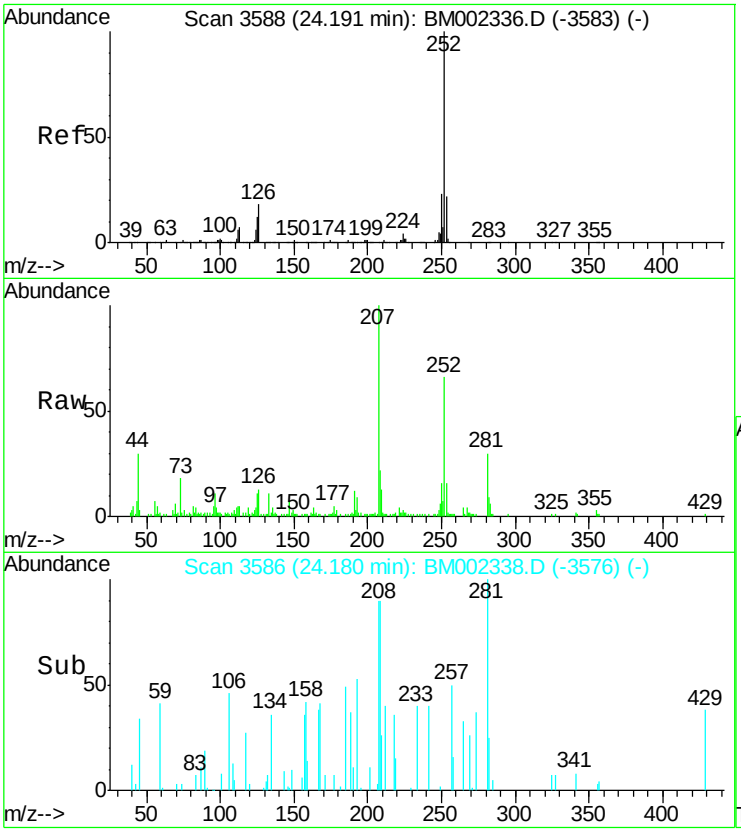


#23
Benzo(b)fluoranthene
Concen: 3.71 ng/ul
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:252 Resp: 157670

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.7	10.3	15.5

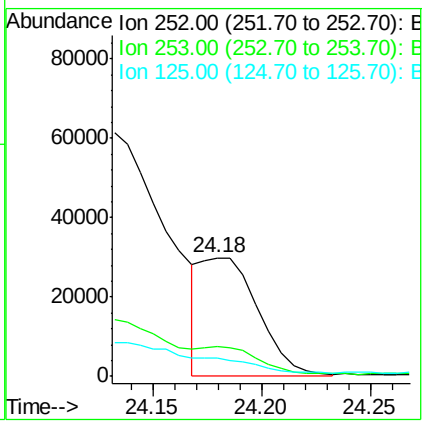




#24
Benzo(k)fluoranthene
Concen: 1.34 ng/ul m
RT: 24.18 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:252 Resp: 54788

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	15.9	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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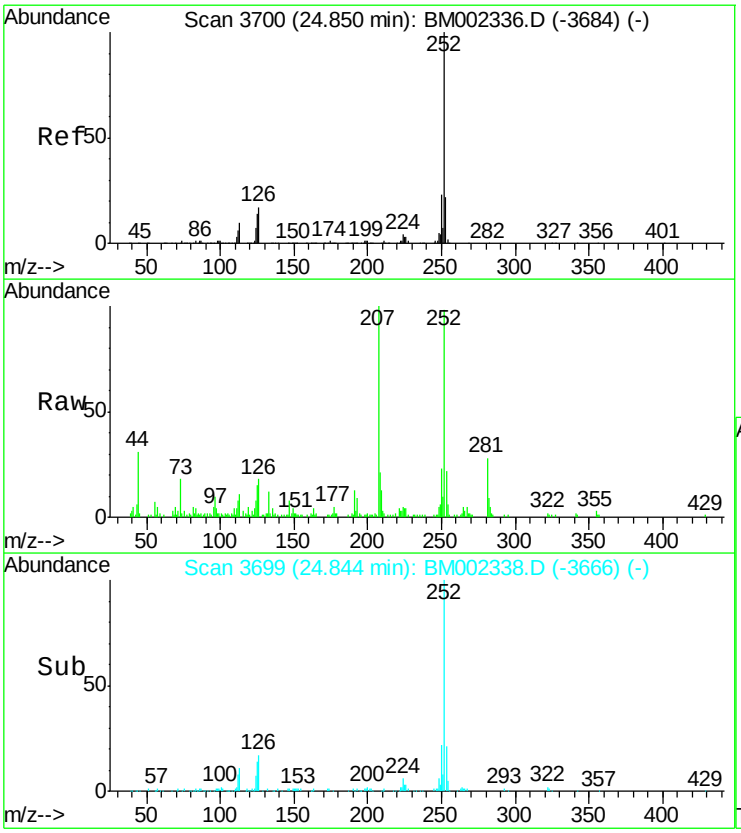
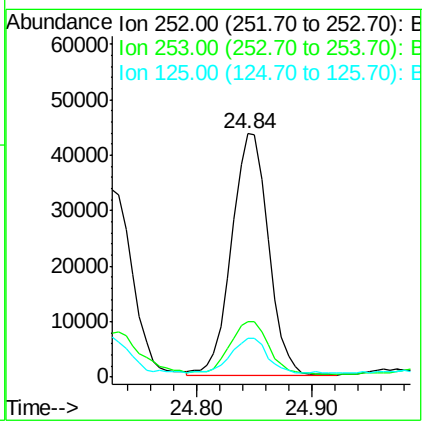
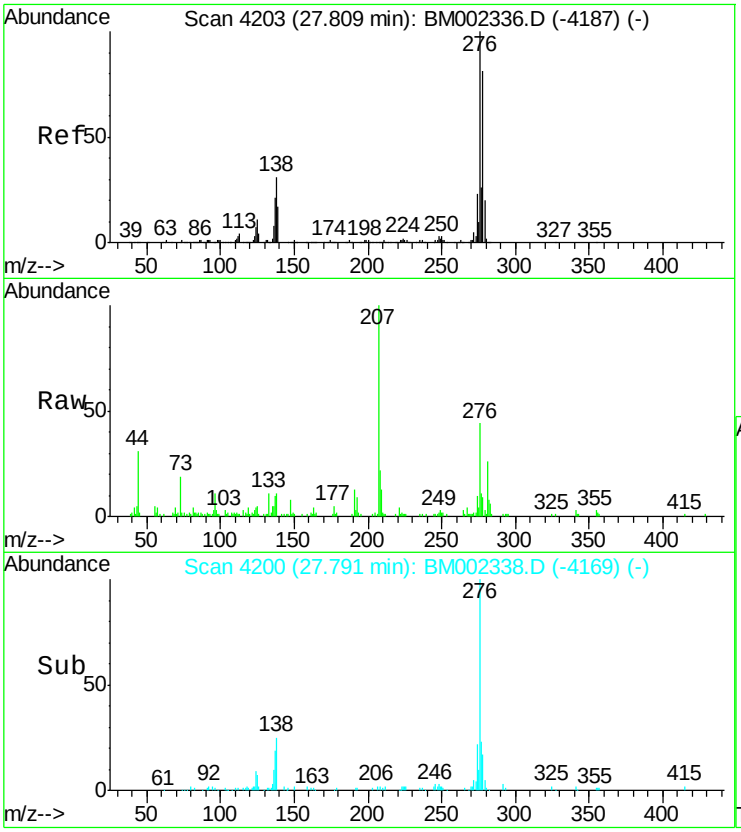


#26
Benzo(a)pyrene
Concen: 2.36 ng/ul
RT: 24.84 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:252 Resp: 95967

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	15.7	11.0	16.6

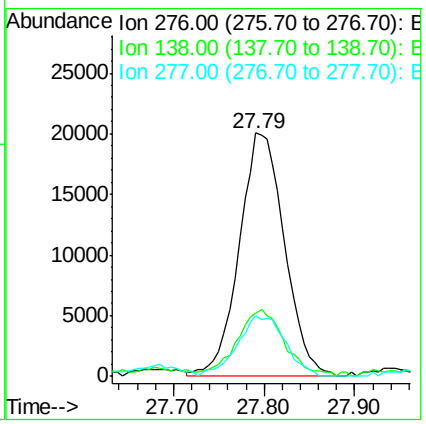




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.50 ng/ul
RT: 27.79 min Scan# 4200
Delta R.T. -0.02 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:276 Resp: 69671

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.6	38.4
277	25.0	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9C79

Manual Integrations APPROVED
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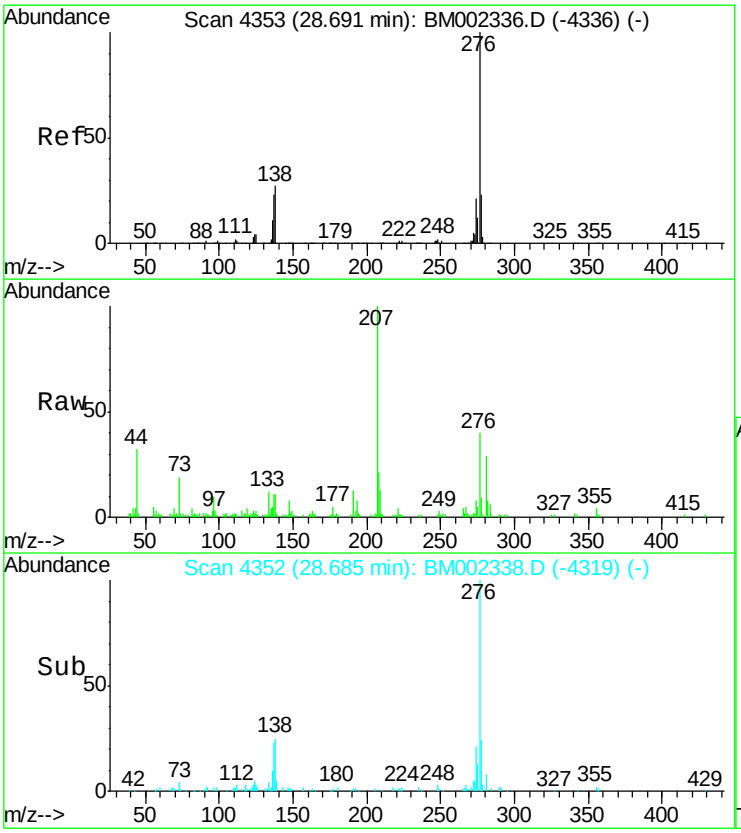
8/12/2015 2:35:24 PM



#29
Benzo(g,h,i)perylene
Concen: 1.66 ng/ul
RT: 28.69 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BM002338.D
Acq: 12 Aug 2015 00:43

Tgt Ion:276 Resp: 65314

Ion	Ratio	Lower	Upper
276	100		
138	32.3	20.5	30.7#
277	24.0	19.0	28.6