Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002339.D
Acq On : 12 Aug 2015 01:19
Operator : UM/IZ
Sample : G3162-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
MMDadoda
8/12/2015 2:35:29 PM

Quant Time: Aug 12 04:59:51 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	193071	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	928140	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	515209	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1051651	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	881422	20.00	ng/ul	0.00
22) Perylene-d12	24.96	264	673217	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1194356	22.38	ng/ul	0.00
10) Fluorene-d10	16.45	176	787918	21.23	ng/ul	0.00
14) Anthracene-d10	18.29	188	1104187	21.64	ng/ul	0.00
18) Pyrene-d10	20.50	212	1070727	25.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	697754	19.52	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.23	178	124382	2.05	ng/ul	99
16) Fluoranthene	20.17	202	242008	3.61	ng/ul	99
19) Pyrene	20.53	202	199158	3.50	ng/ul	98
20) Benzo(a)anthracene	22.26	228	109694	2.04	ng/ul	96
21) Chrysene	22.32	228	129978m	2.55	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	153672	3.67	ng/ul#	96
24) Benzo(k)fluoranthene	24.18	252	51703m	1.29	ng/ul	
26) Benzo(a)pyrene	24.84	252	92476	2.31	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.80	276	70290	1.53	ng/ul	94
29) Benzo(g,h,i)perylene	28.68	276	64141	1.66	ng/ul	97

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

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Instrument :
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ClientSampleId :
D9C80

Manual Integrations APPROVED
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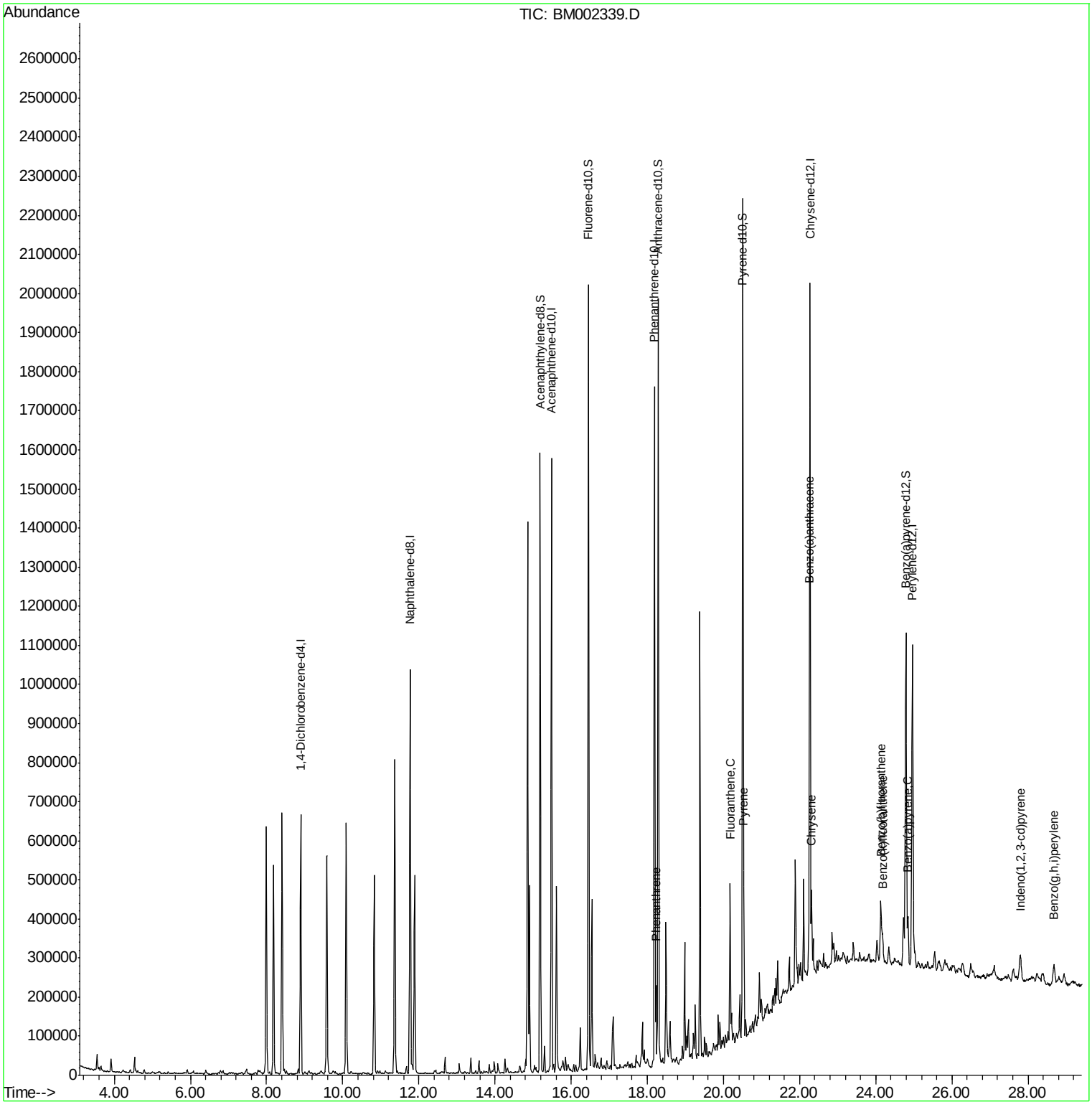
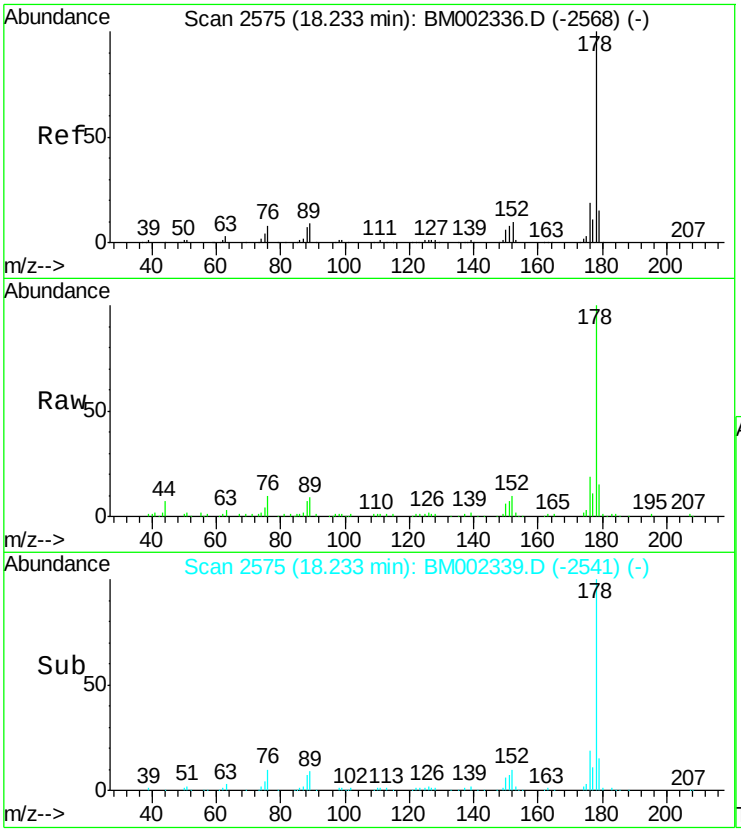
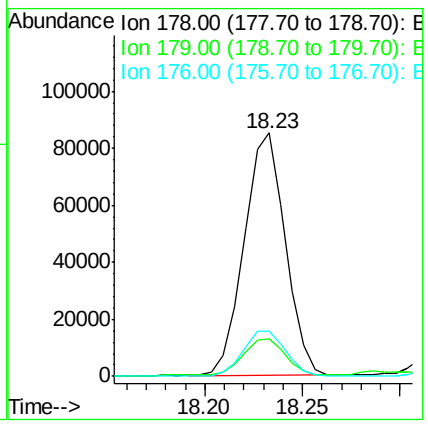




#13
Phenanthrene
Concen: 2.05 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:178 Resp: 124382

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
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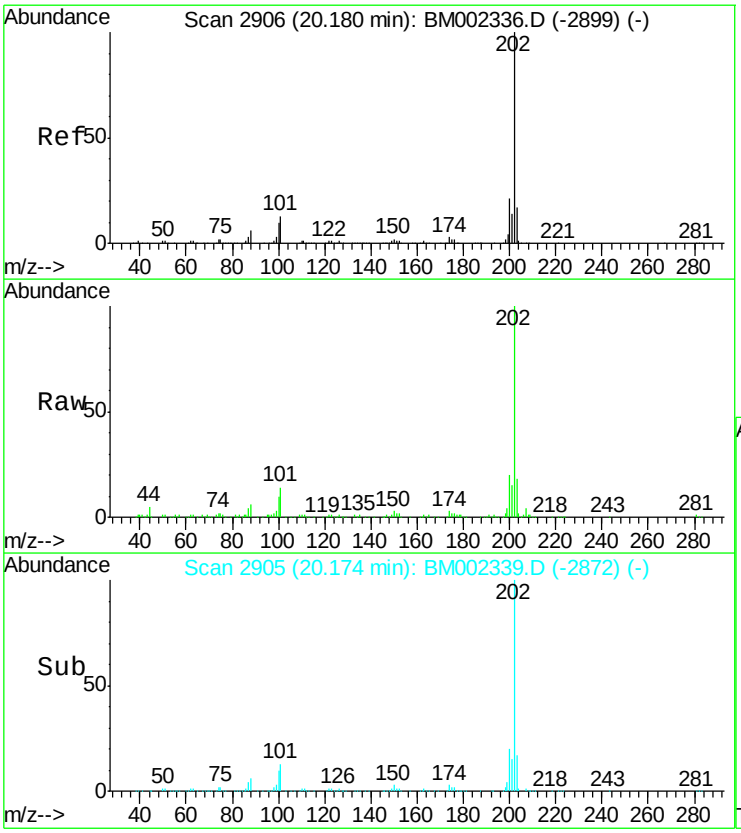
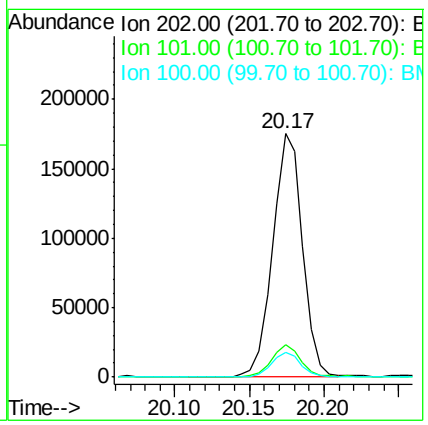
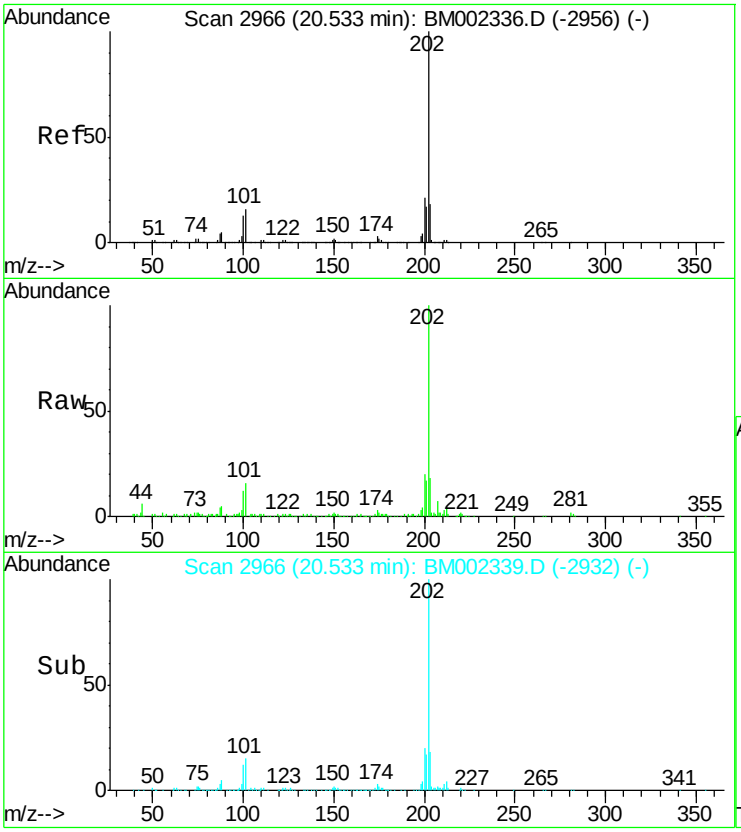


#16
Fluoranthene
Concen: 3.61 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:202 Resp: 242008

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.0	8.2	12.4

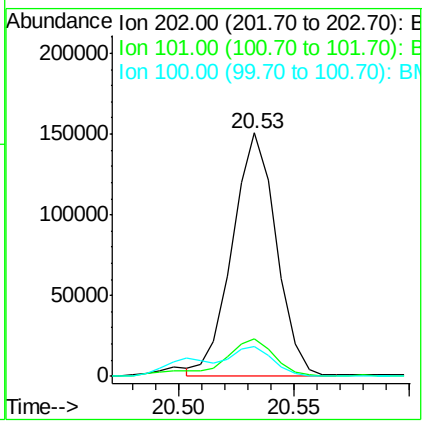




#19
Pyrene
Concen: 3.50 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:202 Resp: 199158

Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	12.5	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
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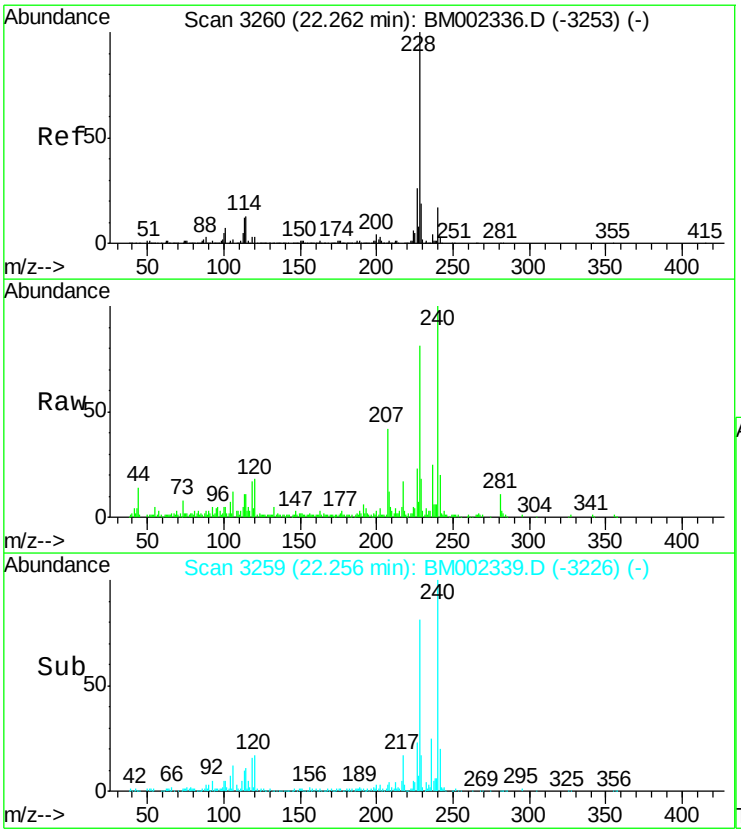
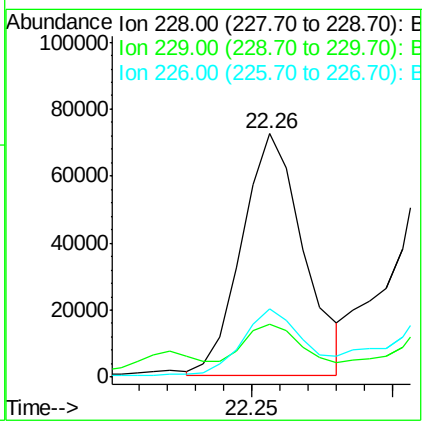
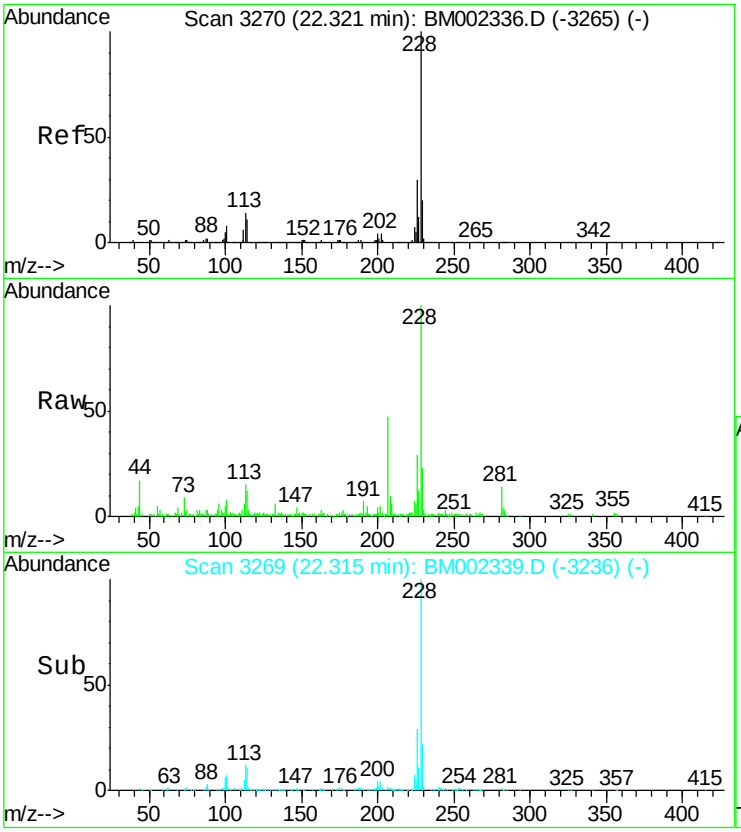


#20
Benzo(a)anthracene
Concen: 2.04 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:228 Resp: 109694

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	28.2	21.4	32.0





#21
Chrysene
Concen: 2.55 ng/ul m
RT: 22.32 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:228 Resp: 129978

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	23.3	15.5	23.3#

Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
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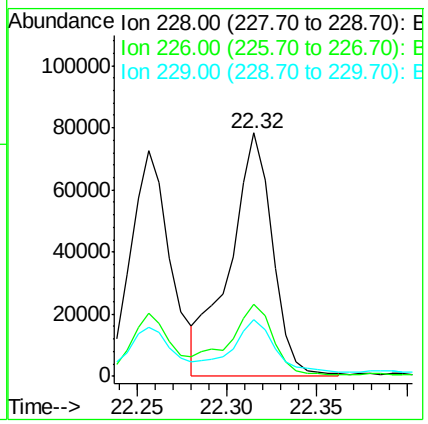
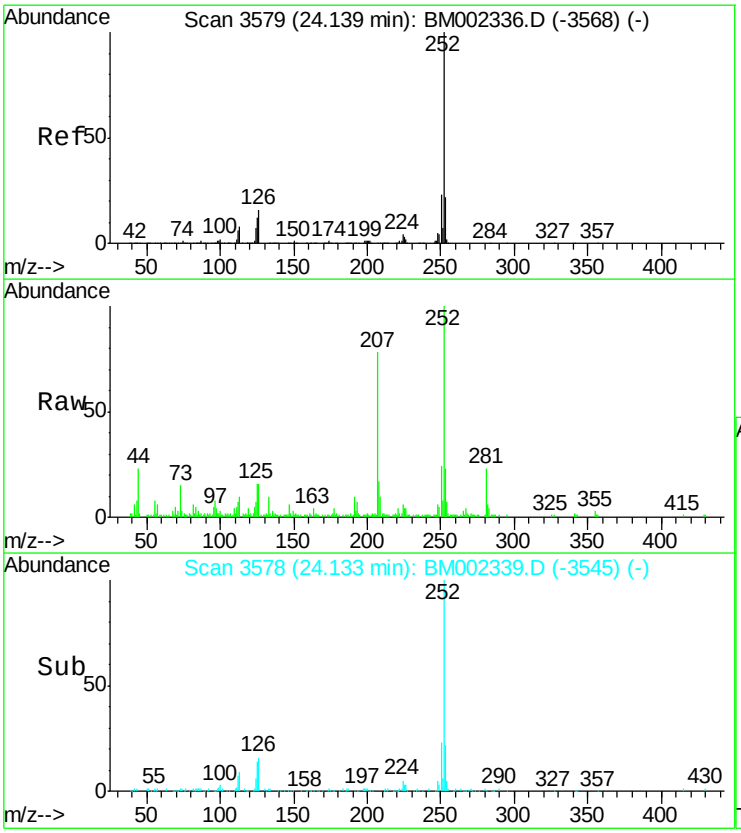
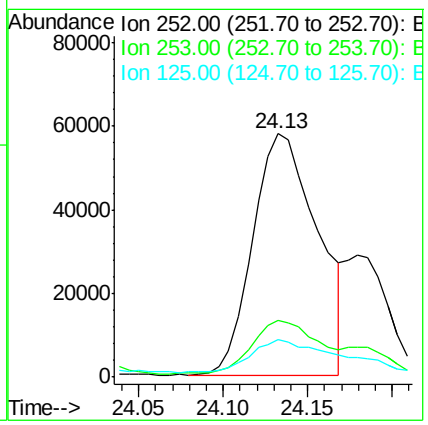


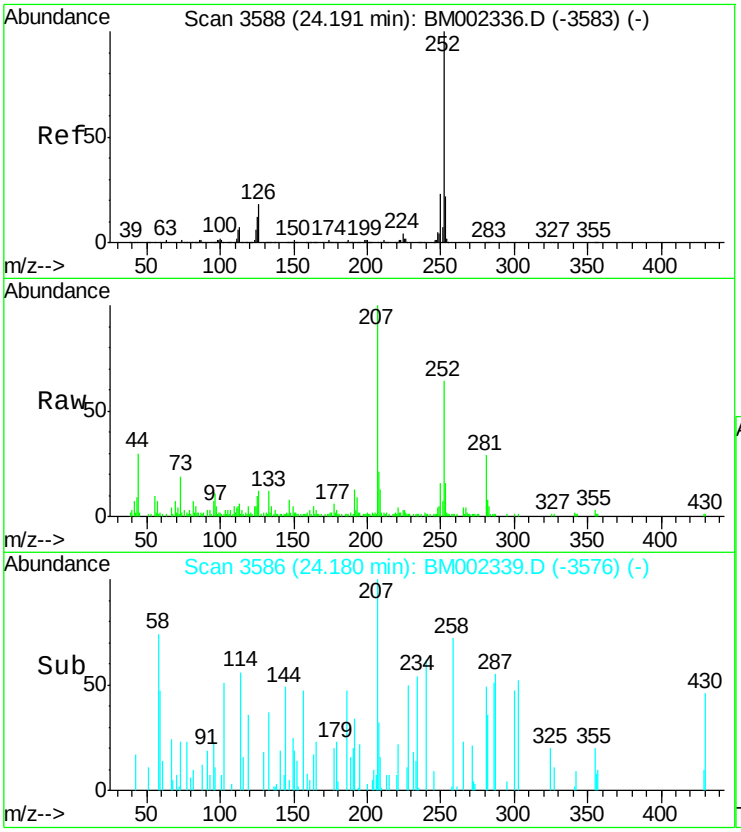


#23
Benzo(b)fluoranthene
Concen: 3.67 ng/ul
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:252 Resp: 153672

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.6	10.3	15.5#

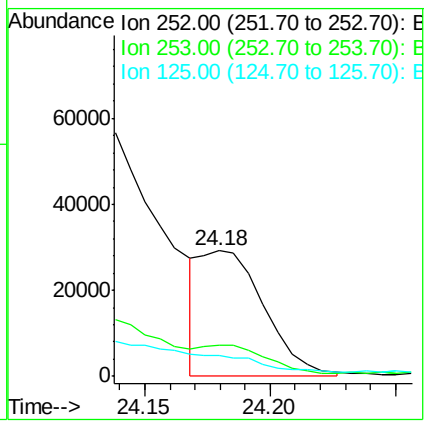




#24
Benzo(k)fluoranthene
Concen: 1.29 ng/ul m
RT: 24.18 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:252 Resp: 51703

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	16.4	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
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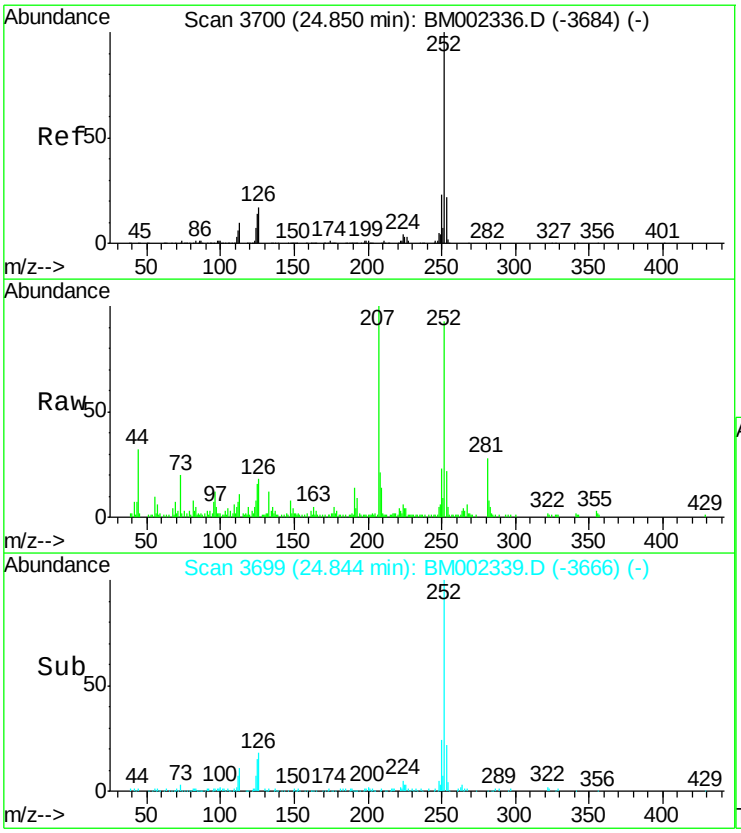
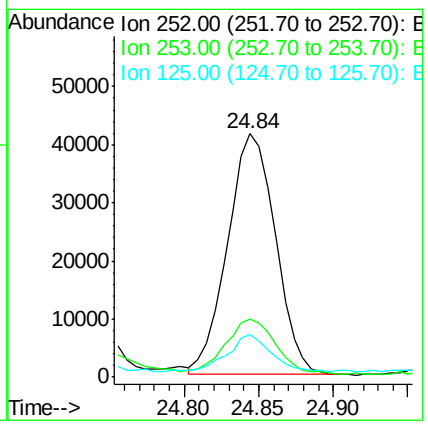
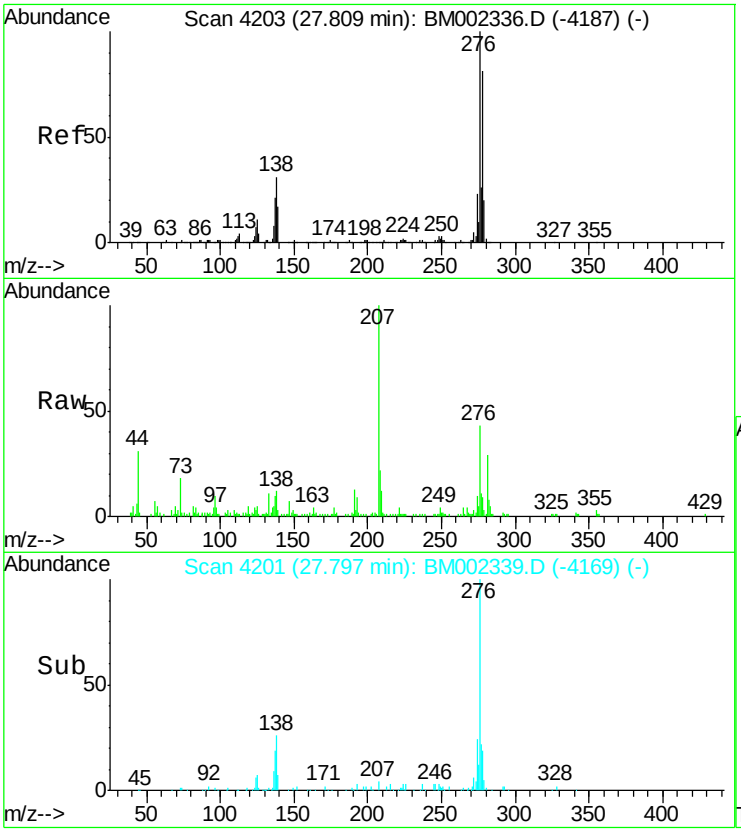


#26
Benzo(a)pyrene
Concen: 2.31 ng/ul
RT: 24.84 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:252 Resp: 92476

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	17.4	11.0	16.6#

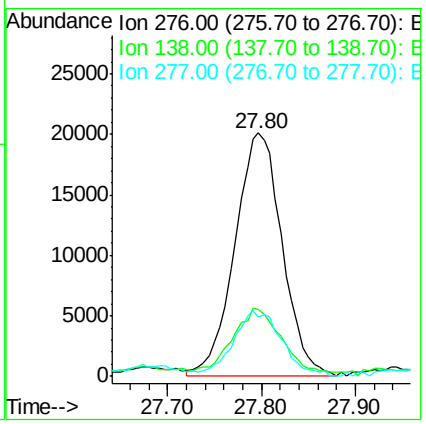




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.53 ng/ul
RT: 27.80 min Scan# 4201
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:276 Resp: 70290

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.6	38.4
277	24.2	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
D9C80

Manual Integrations APPROVED
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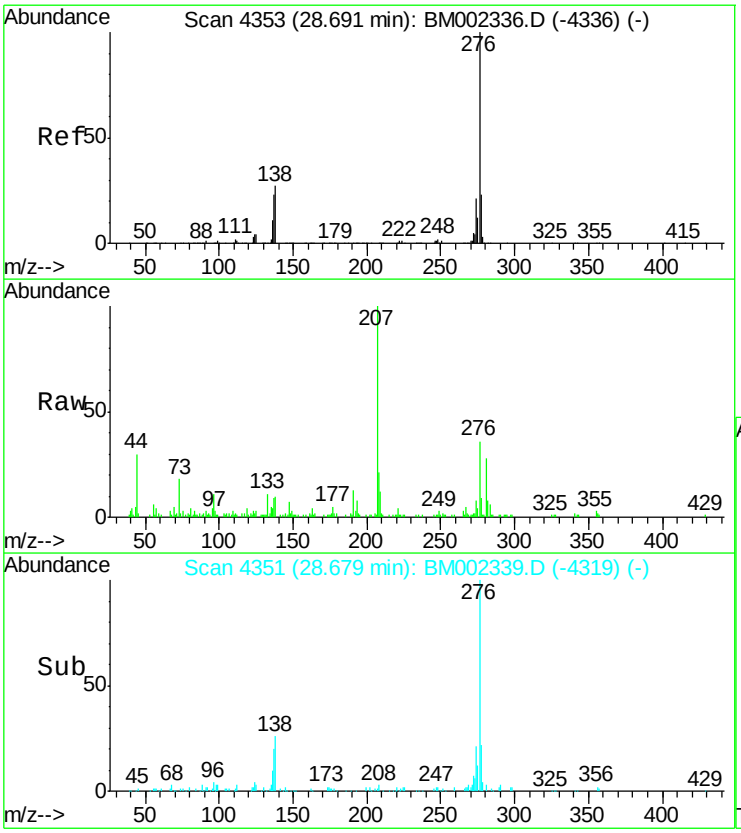

#29
Benzo(g,h,i)perylene
Concen: 1.66 ng/ul
RT: 28.68 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BM002339.D
Acq: 12 Aug 2015 01:19

Tgt Ion:276 Resp: 64141

Ion	Ratio	Lower	Upper
276	100		
138	28.2	20.5	30.7
277	24.5	19.0	28.6