Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004760.D
Acq On : 24 Mar 2016 21:25
Operator : UM/SJ
Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T42

Manual Integrations APPROVED
Sohil
3/25/2016 2:59:44 PM

Quant Time: Mar 25 02:38:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1443	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5814	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2964	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6275m	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	5660	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	4404m	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5092	7.28	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1493	0.23	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3030	0.24	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.24	178	3117m	0.18	ng/ul	
17) Fluoranthene	19.27	202	7158	0.40	ng/ul	96
19) Pyrene	19.63	202	7471	0.38	ng/ul	97
20) Benzo(a)anthracene	21.38	228	3054	0.23	ng/ul#	92
21) Chrysene	21.43	228	3363	0.18	ng/ul	93
23) Benzo(b)fluoranthene	22.99	252	4430m	0.28	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	1454m	0.09	ng/ul	
25) Benzo(a)pyrene	23.59	252	2769m	0.21	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	1636m	0.11	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	1536m	0.11	ng/ul	

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

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Instrument :
BNA_M
ClientSampleId :
A4T42

Manual Integrations APPROVED
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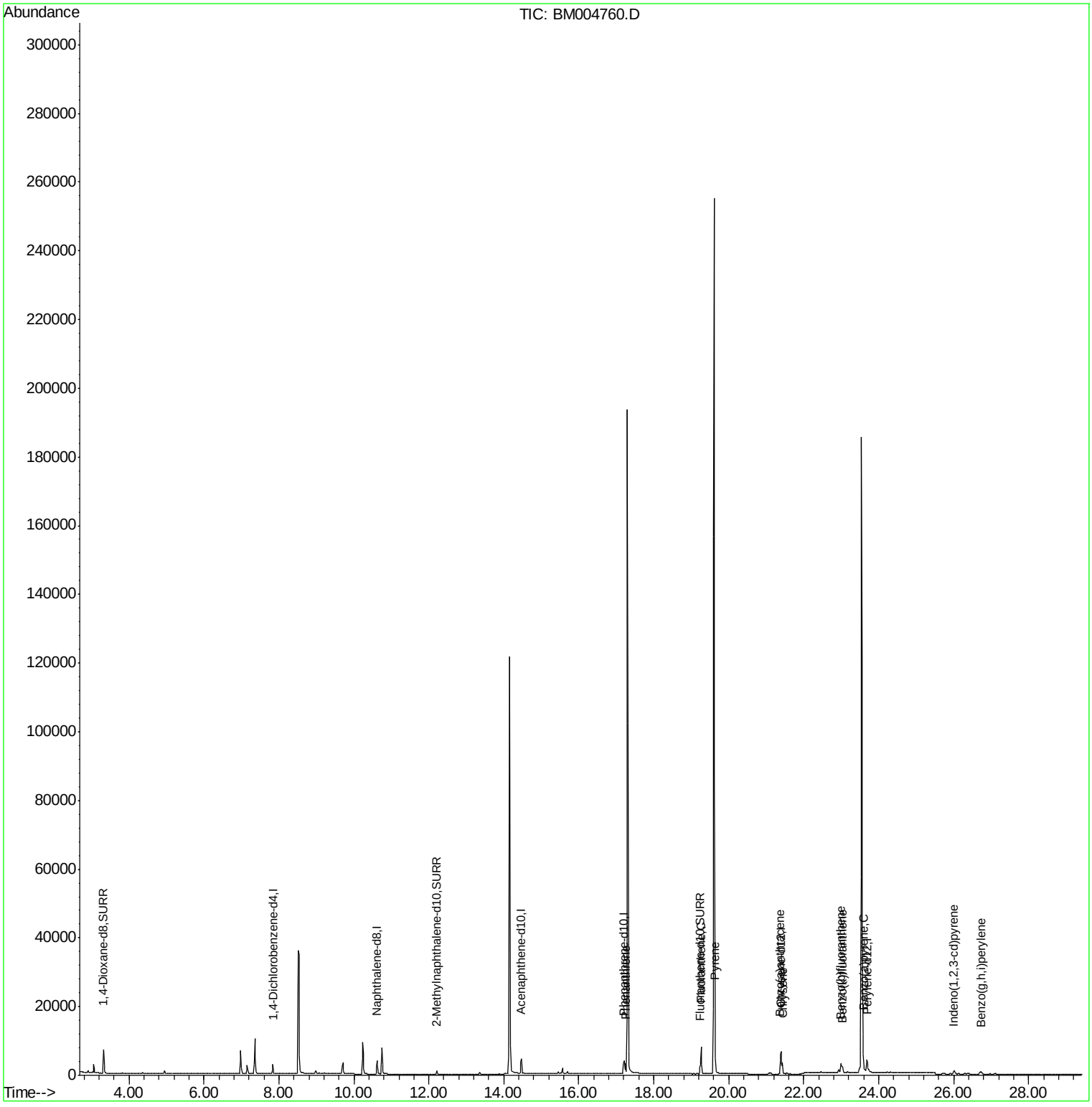

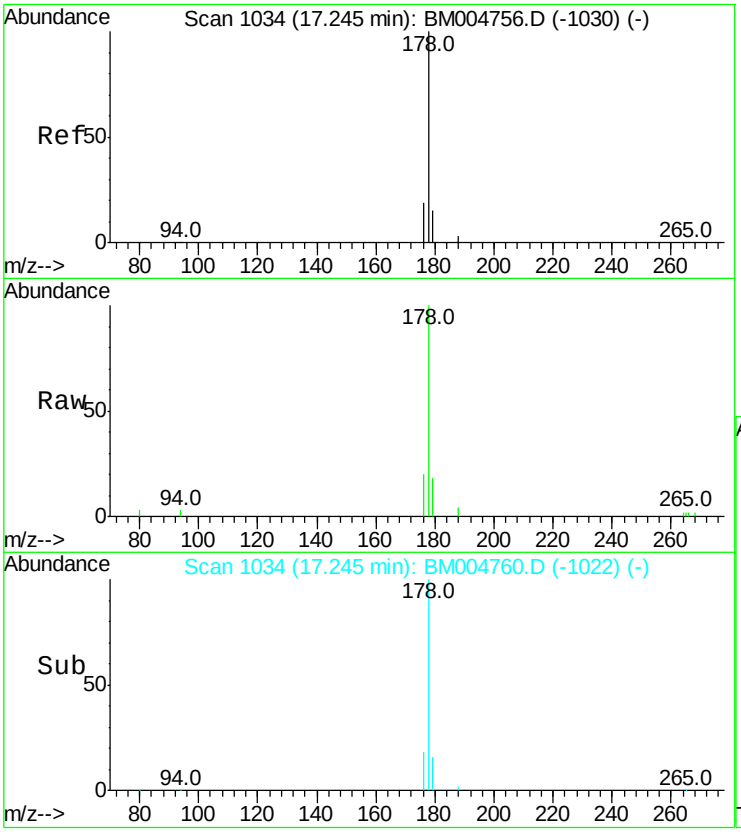

#14
Phenanthrene
Concen: 0.18 ng/ul m
RT: 17.24 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:178 Resp: 3117

Ion	Ratio	Lower	Upper
178	100		
176	20.5	13.0	19.4#
179	17.8	14.2	21.2

Instrument :
BNA_M
ClientSampleId :
A4T42

Manual Integrations APPROVED
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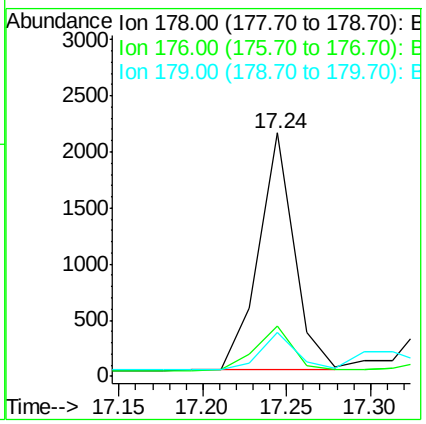
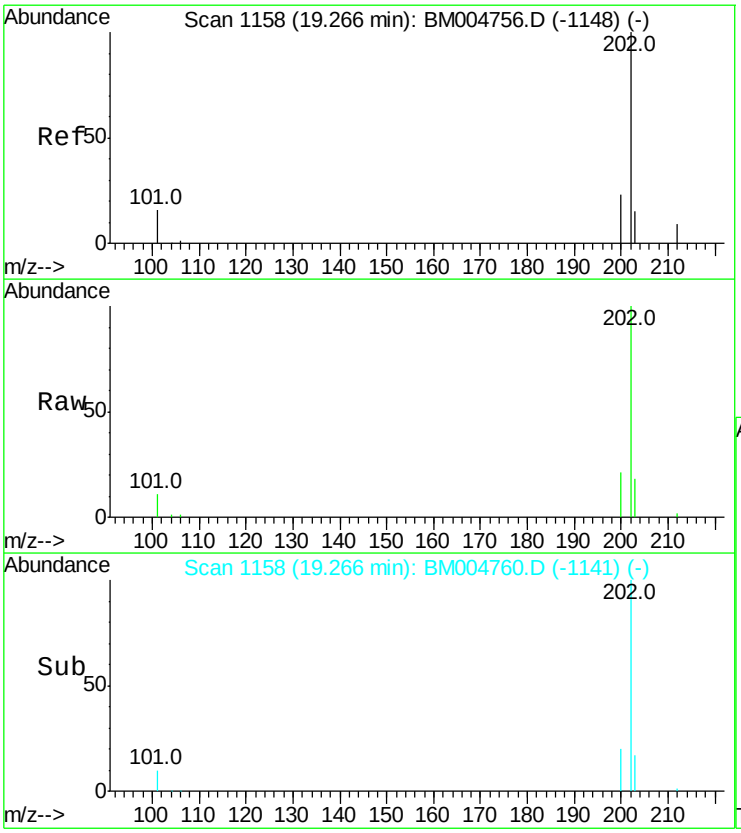
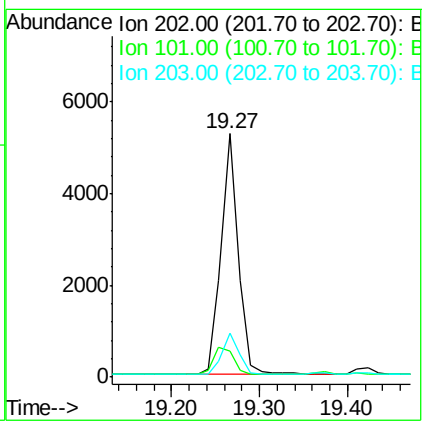


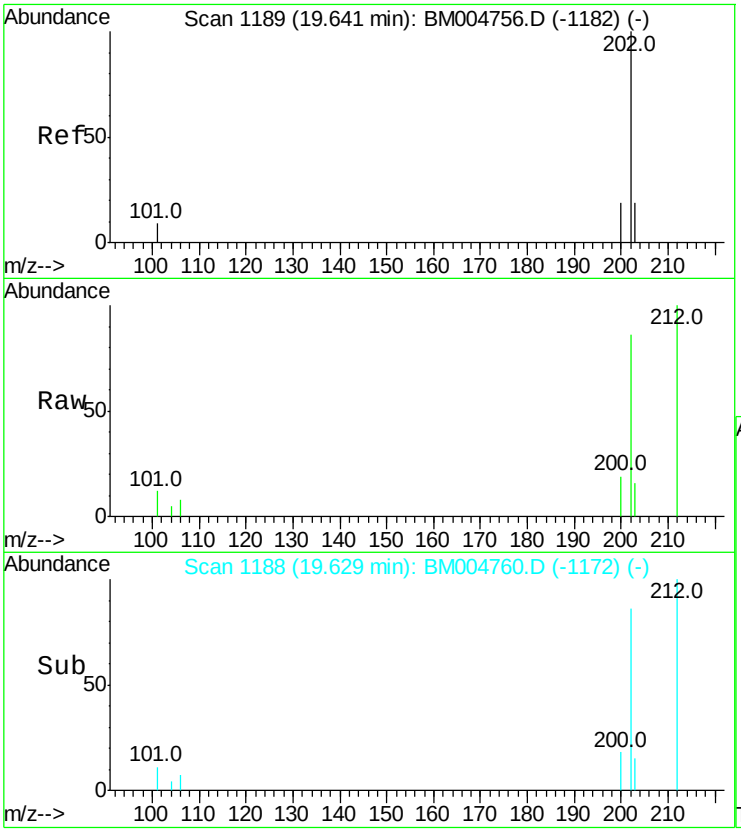


#17
Fluoranthene
Concen: 0.40 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:202 Resp: 7158

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.6
203	18.0	0.0	36.3

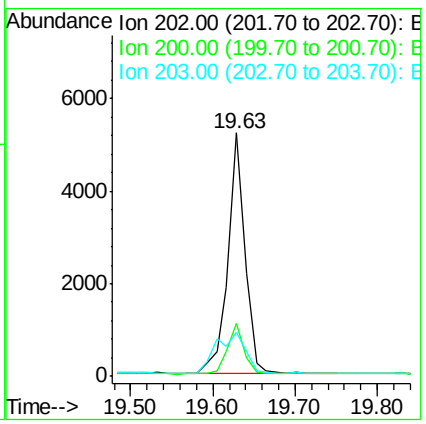




#19
Pyrene
Concen: 0.38 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:202 Resp: 7471

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.8
203	18.1	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4T42

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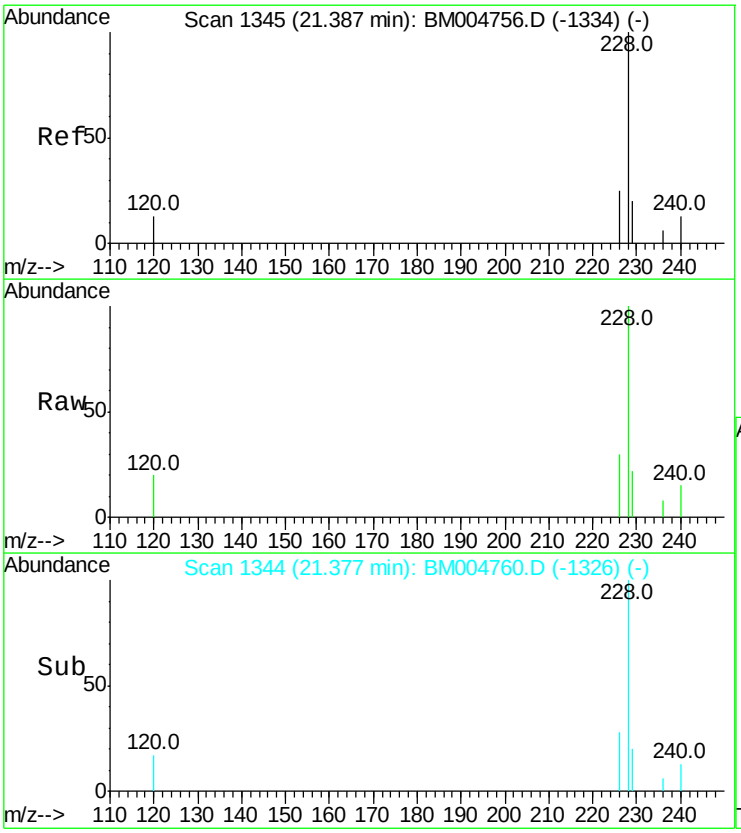
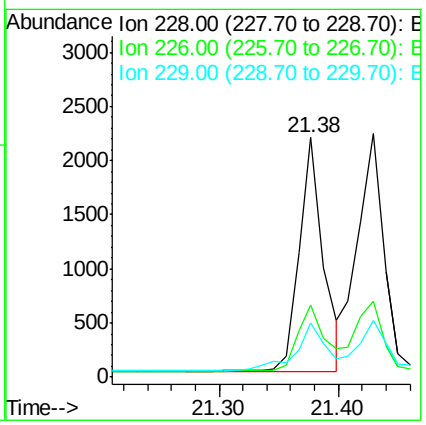
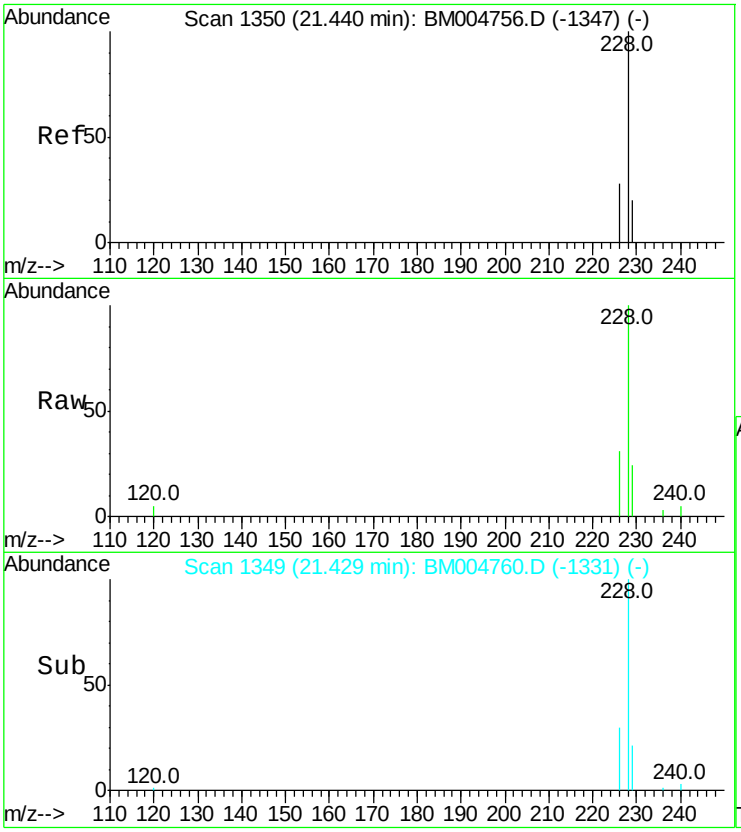


#20
Benzo(a)anthracene
Concen: 0.23 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:228 Resp: 3054

Ion	Ratio	Lower	Upper
228	100		
226	30.0	18.8	28.2#
229	22.4	17.1	25.7

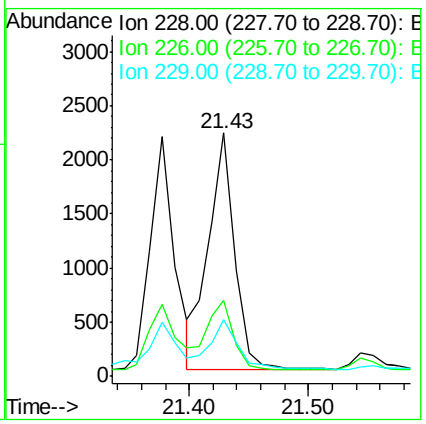




#21
Chrysene
Concen: 0.18 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:228 Resp: 3363

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.2	31.8
229	23.6	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4T42

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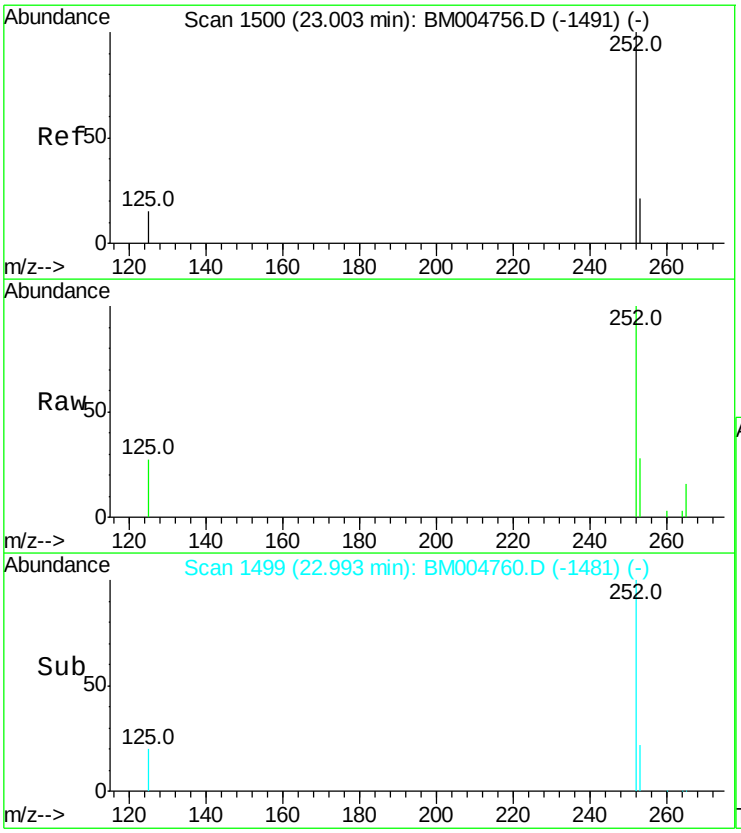
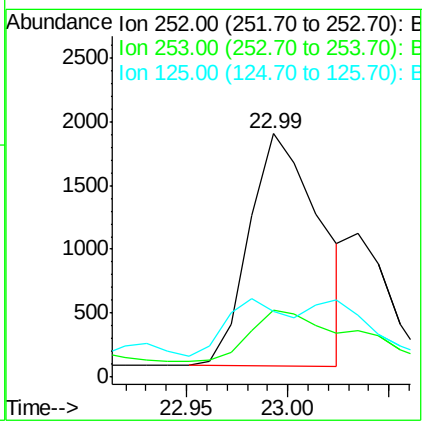
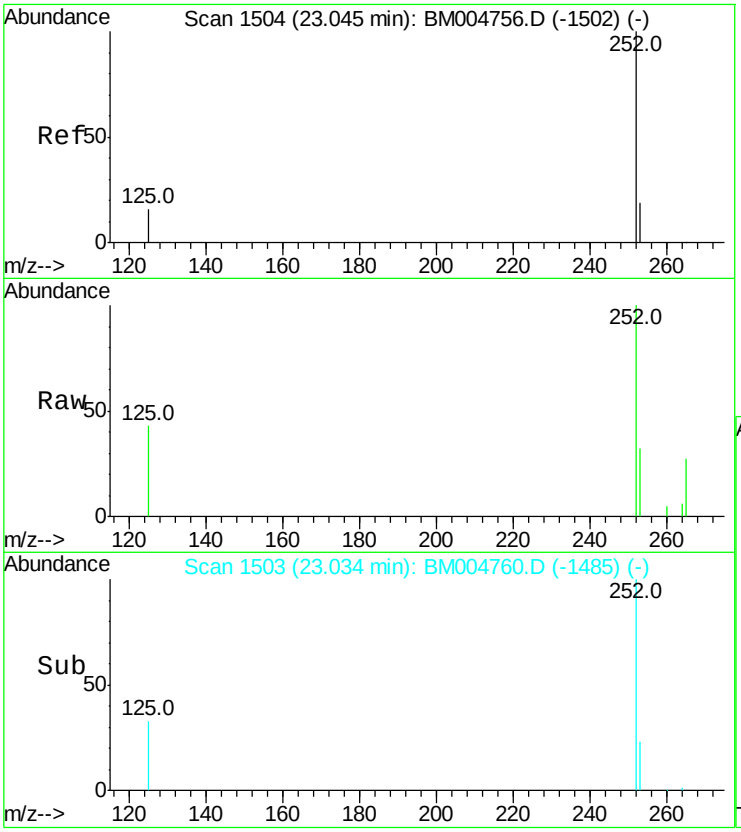


#23
Benzo(b)fluoranthene
Concen: 0.28 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:252 Resp: 4430

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	45.4
125	26.8	0.0	28.8





#24
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 23.03 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:252 Resp: 1454

Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.8	29.8#
125	43.3	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
A4T42

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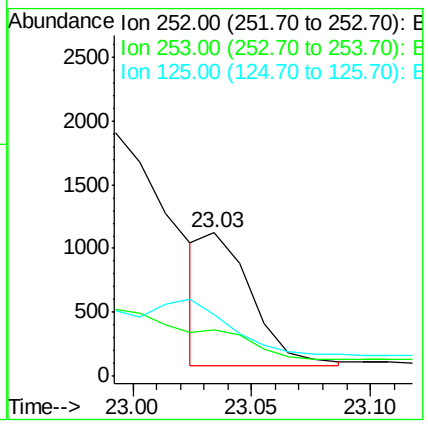
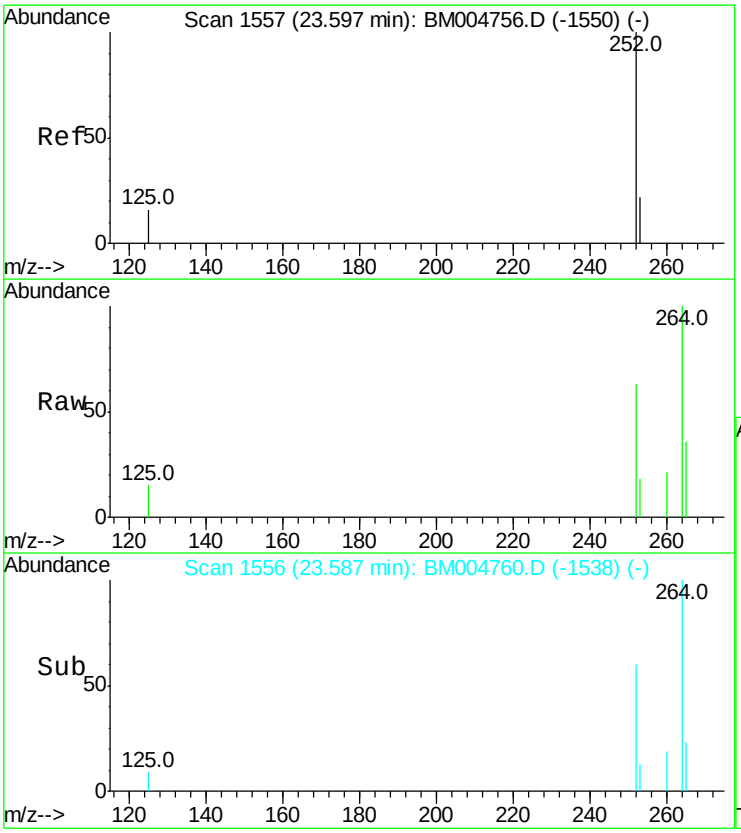
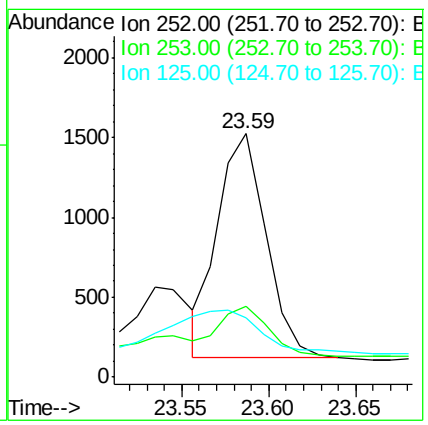


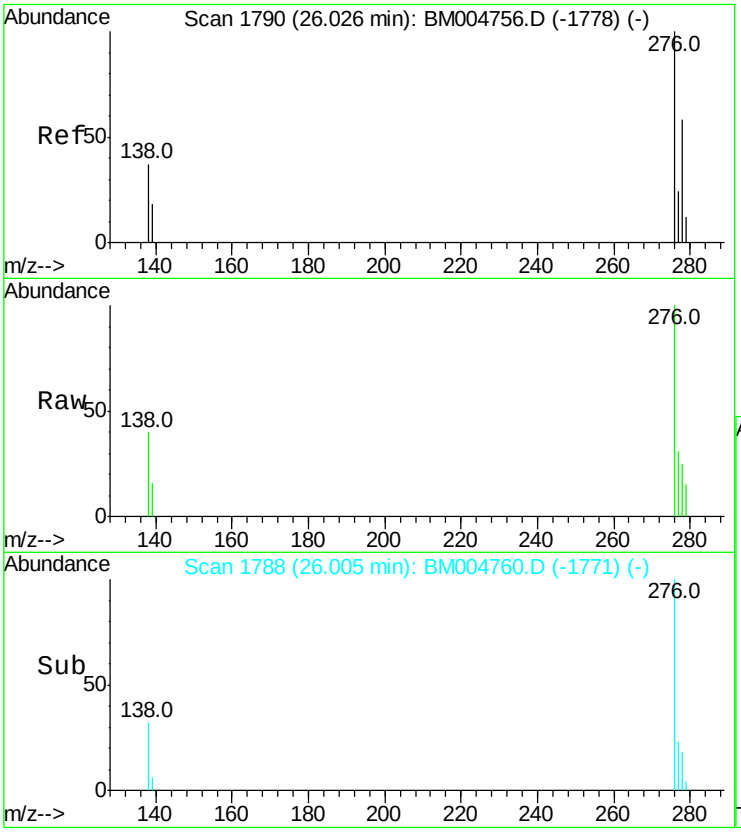


#25
Benzo(a)pyrene
Concen: 0.21 ng/ul m
RT: 23.59 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:252 Resp: 2769

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.4	29.2
125	24.6	12.7	19.1#

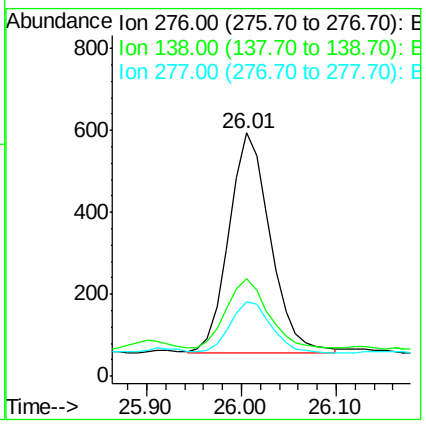




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:276 Resp: 1636

Ion	Ratio	Lower	Upper
276	100		
138	2.6	16.3	24.5#
277	4.0	19.8	29.8#



Instrument :
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ClientSampleId :
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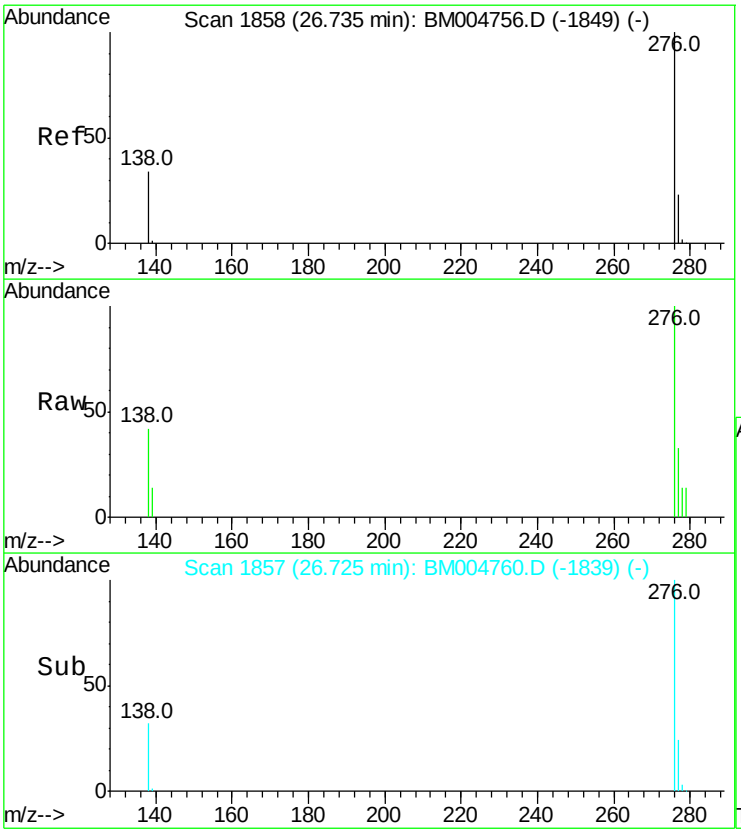

#28
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul m
RT: 26.72 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM004760.D
Acq: 24 Mar 2016 21:25

Tgt Ion:276 Resp: 1536

Ion	Ratio	Lower	Upper
276	100		
277	32.6	18.9	28.3#
138	41.7	22.5	33.7#