Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
Data File : BM004790.D
Acq On : 25 Mar 2016 22:45
Operator : UM/SJ
Sample : H1909-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T52

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:58 PM

Quant Time: Apr 05 19:39:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1244	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5982	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3837	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	8296m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7812	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6152m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	7522	13.42	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3428	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	8074	0.41	ng/ul	-0.01
Target Compounds						Qvalue
9) Acenaphthylene	14.18	152	665	0.04	ng/ul#	79
14) Phenanthrene	17.24	178	3020m	0.13	ng/ul	
15) Anthracene	17.33	178	799	0.04	ng/ul#	65
17) Fluoranthene	19.27	202	5514	0.21	ng/ul	95
19) Pyrene	19.63	202	6387	0.24	ng/ul#	95
20) Benzo(a)anthracene	21.37	228	2283	0.10	ng/ul#	86
21) Chrysene	21.42	228	2928	0.13	ng/ul#	88
23) Benzo(b)fluoranthene	22.99	252	3445m	0.17	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	1345m	0.07	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	1443m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.70	276	1344m	0.09	ng/ul	

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

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Instrument :
BNA_M
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Manual Integrations APPROVED
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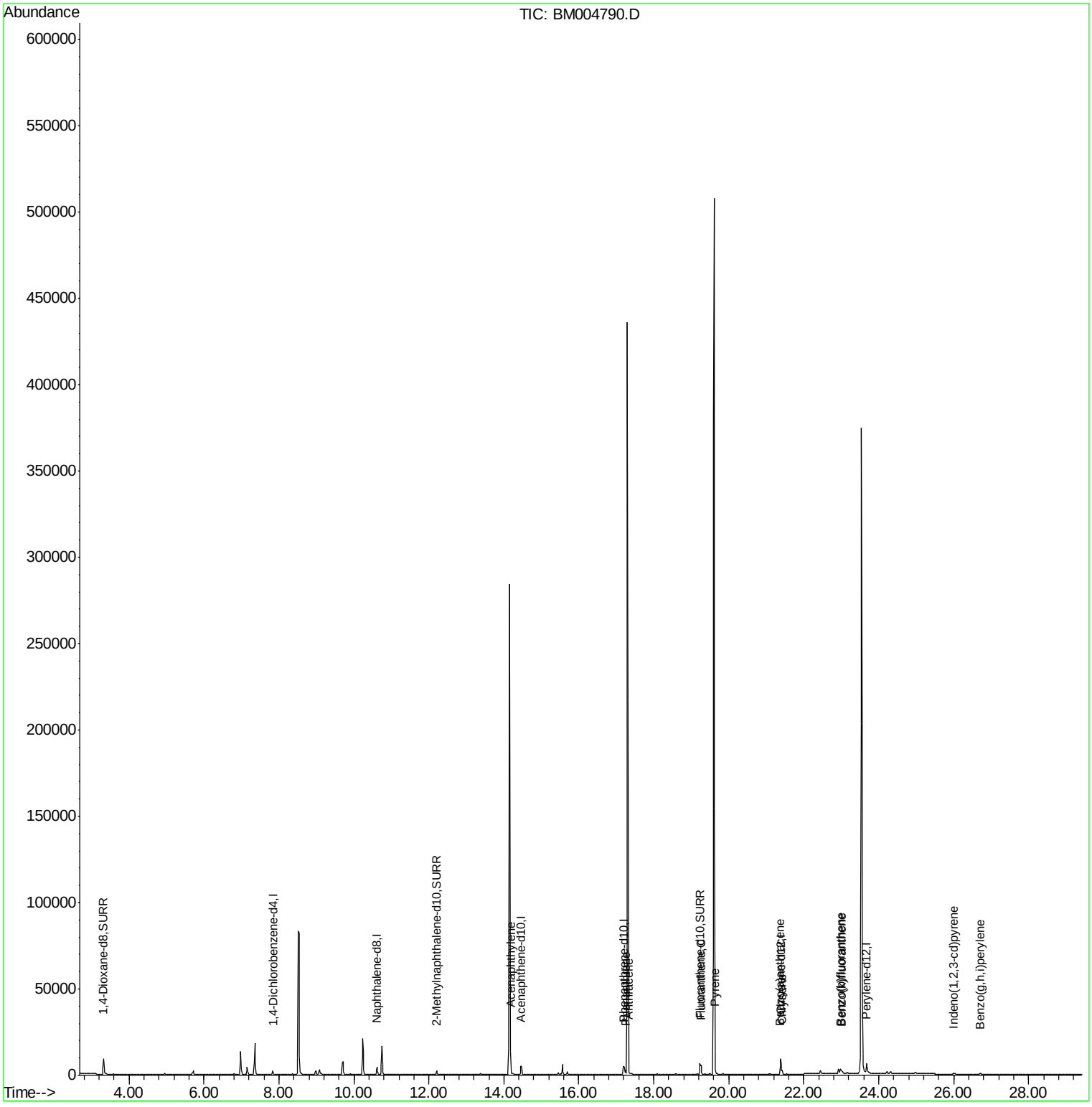
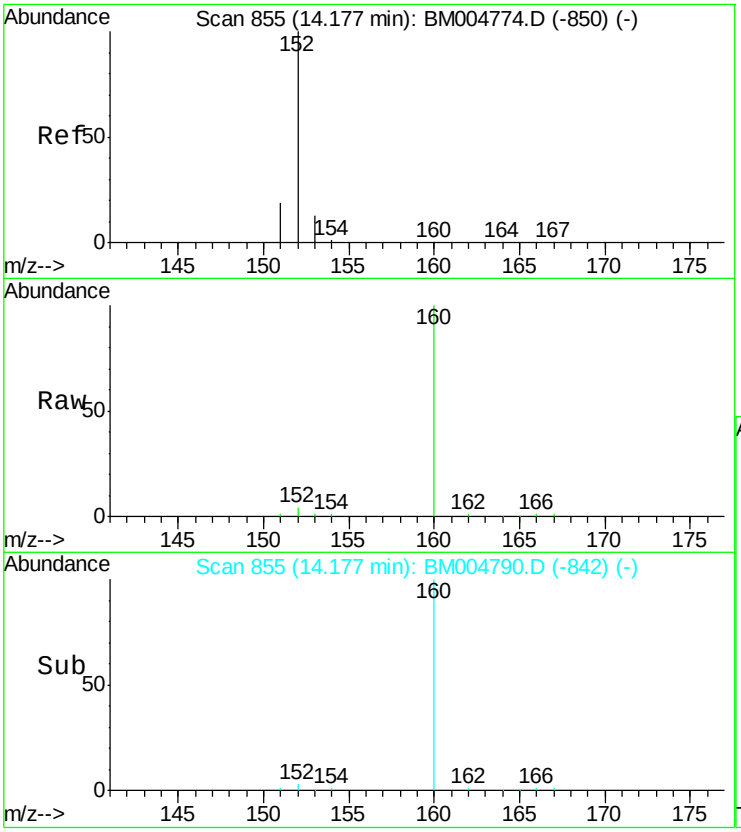
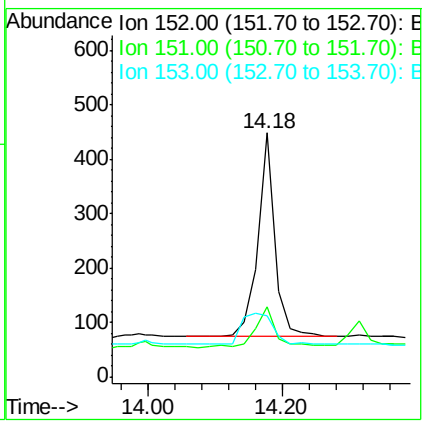




#9
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:152 Resp: 665

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.6	26.4#
153	25.0	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4T52

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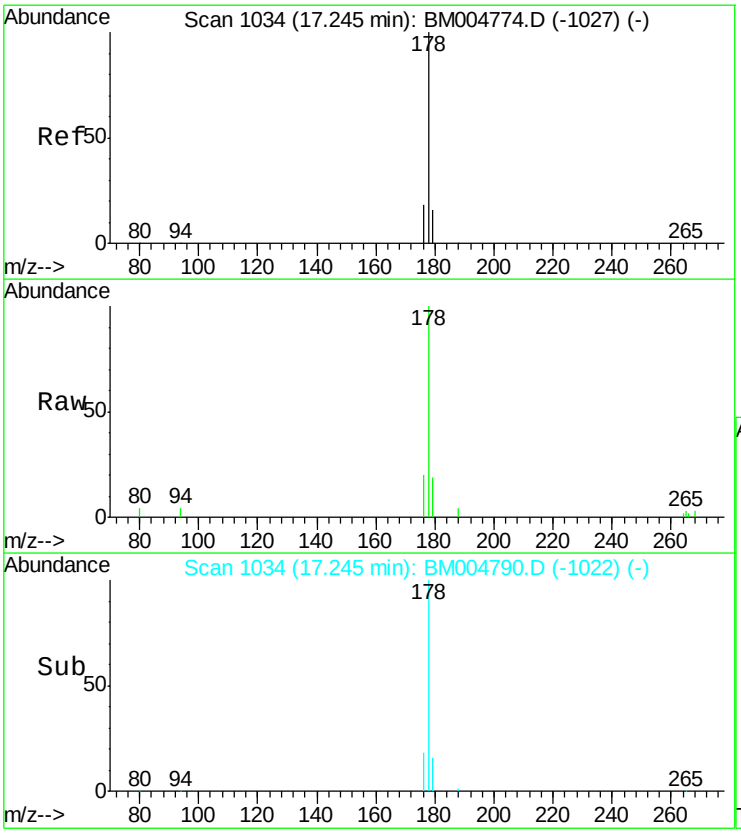
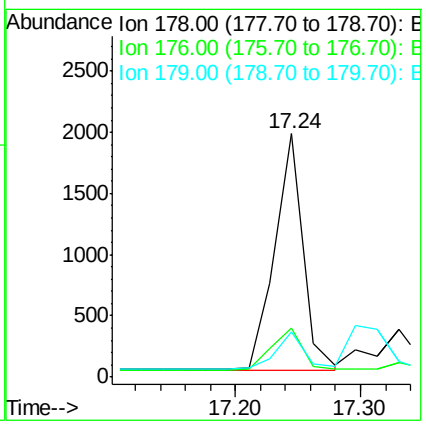
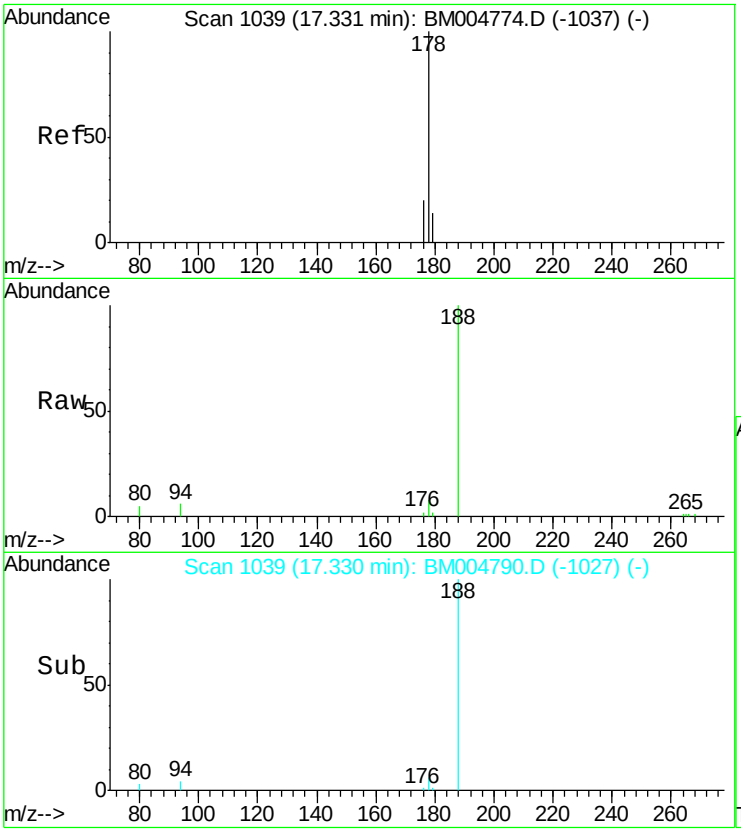


#14
Phenanthrene
Concen: 0.13 ng/ul m
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:178 Resp: 3020

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.0	19.4#
179	18.7	14.2	21.2





#15
Anthracene
Concen: 0.04 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Instrument :
BNA_M
ClientSampleId :
A4T52

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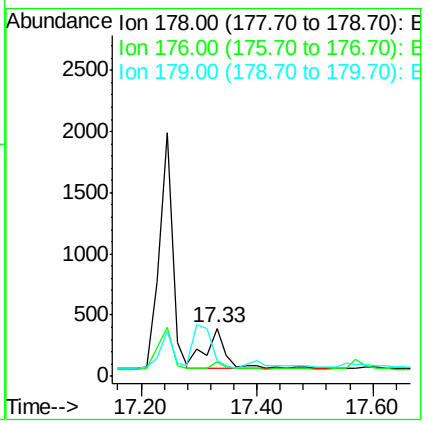
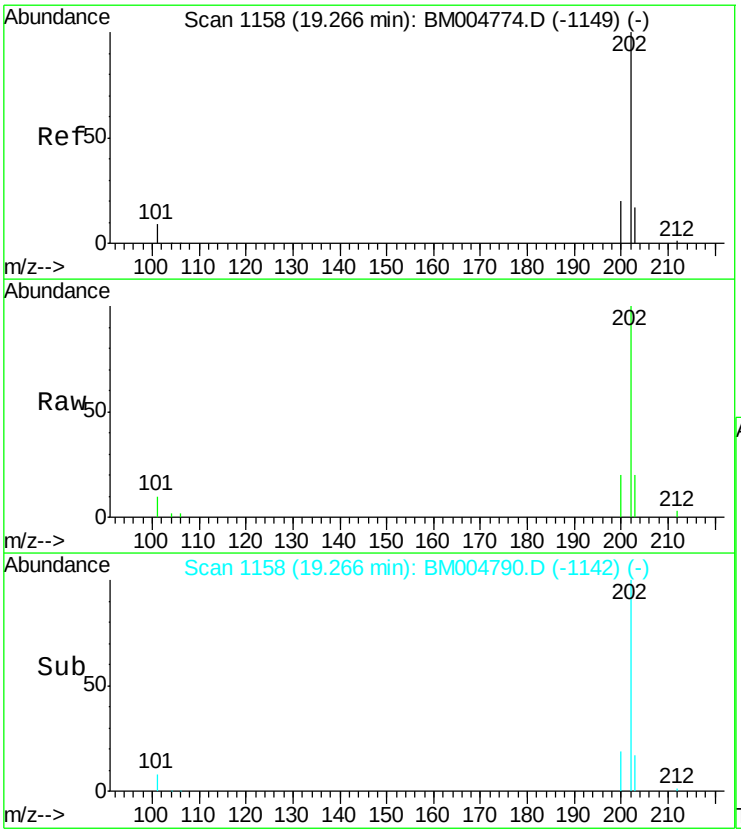
Tgt Ion:178 Resp: 799

Ion	Ratio	Lower	Upper
178	100		
176	31.3	14.0	21.0#
179	32.6	12.9	19.3#

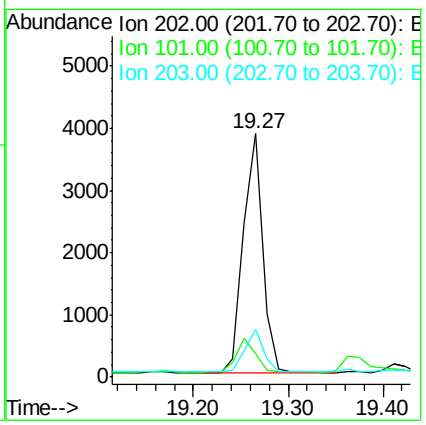


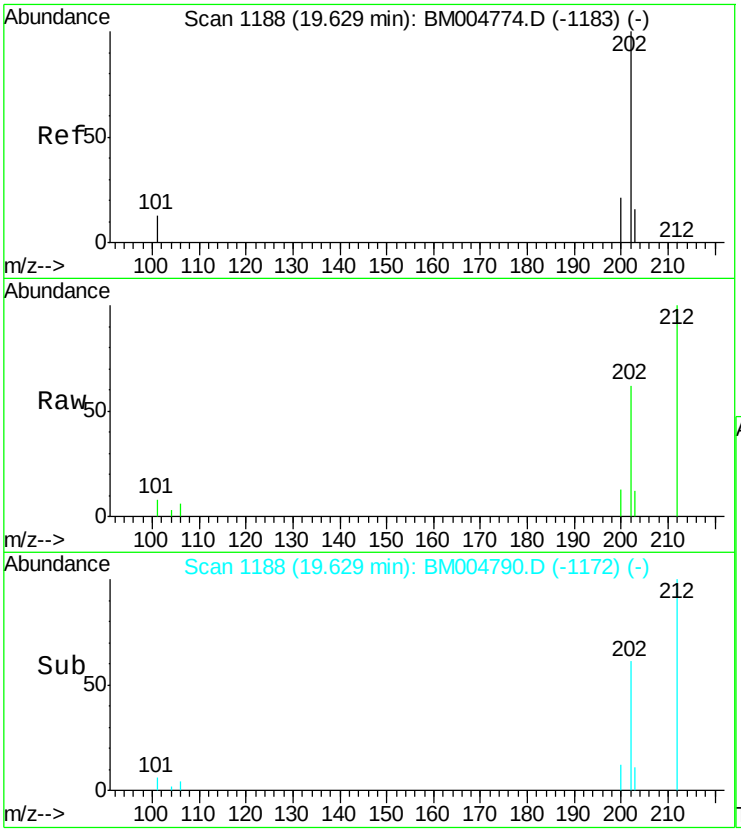


#17
Fluoranthene
Concen: 0.21 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:202 Resp: 5514

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.6
203	19.8	0.0	36.3





#19
Pyrene
Concen: 0.24 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:202 Resp: 6387

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	19.8	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
A4T52

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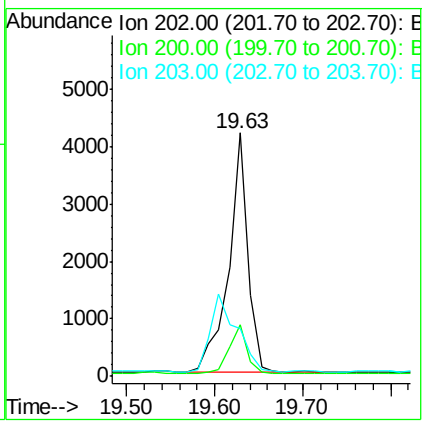
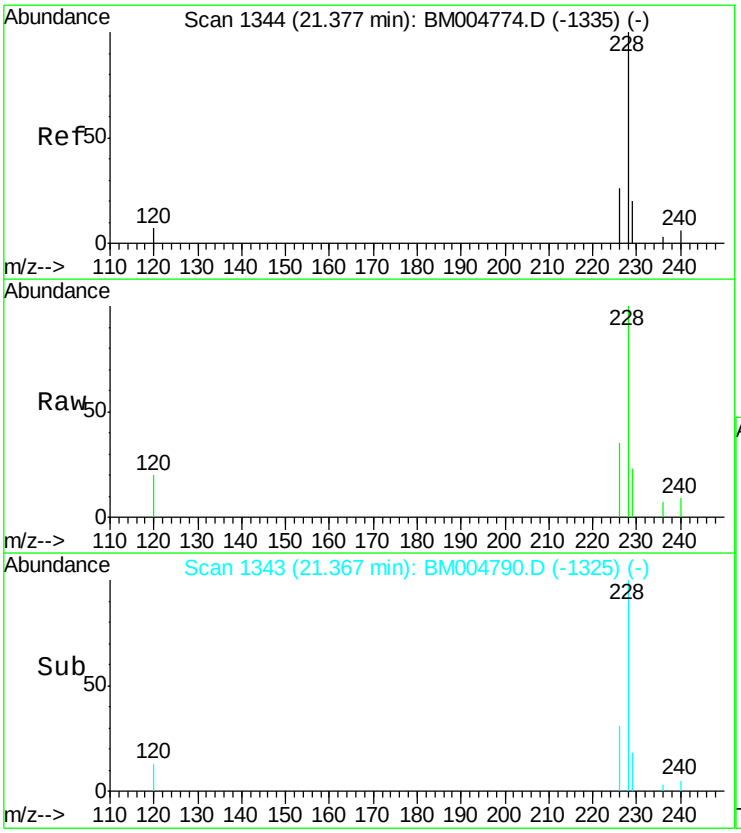
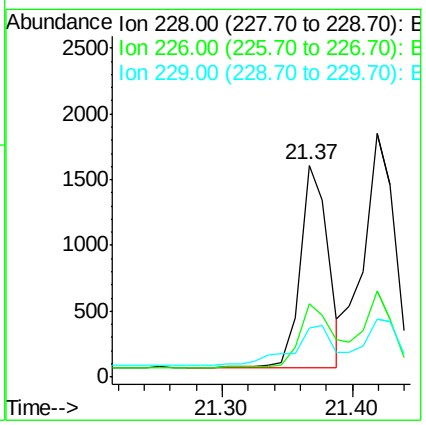


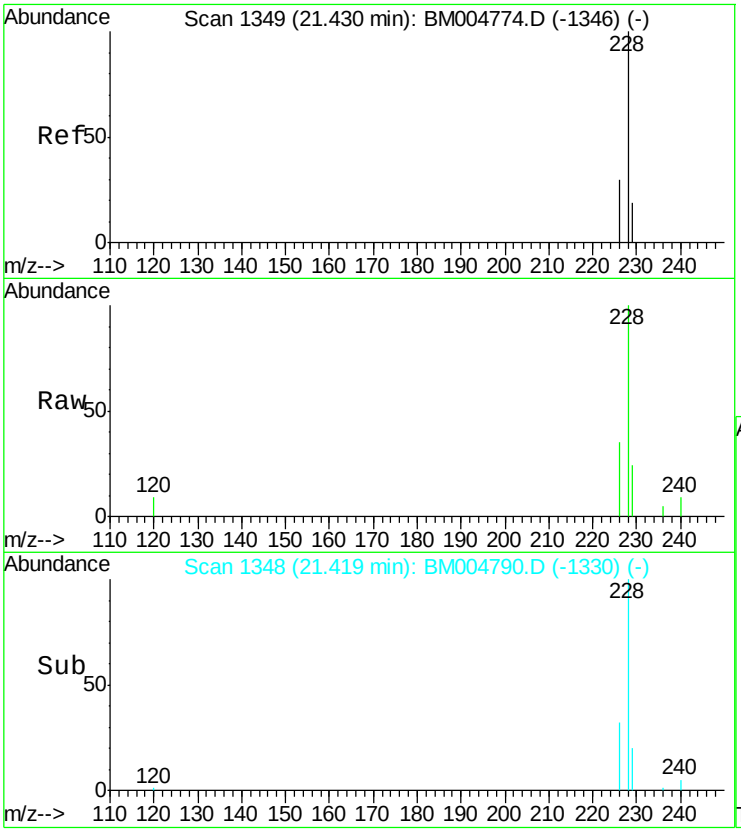


#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:228 Resp: 2283

Ion	Ratio	Lower	Upper
228	100		
226	34.5	18.8	28.2#
229	23.2	17.1	25.7

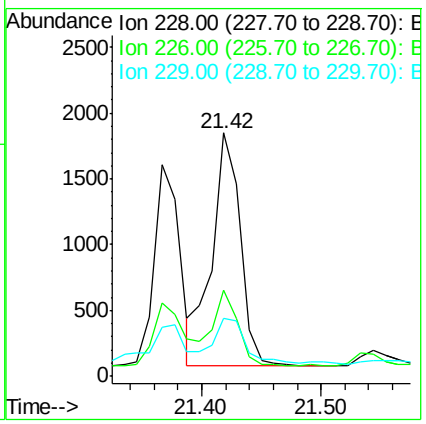




#21
Chrysene
Concen: 0.13 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:228 Resp: 2928

Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.2	31.8#
229	24.0	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4T52

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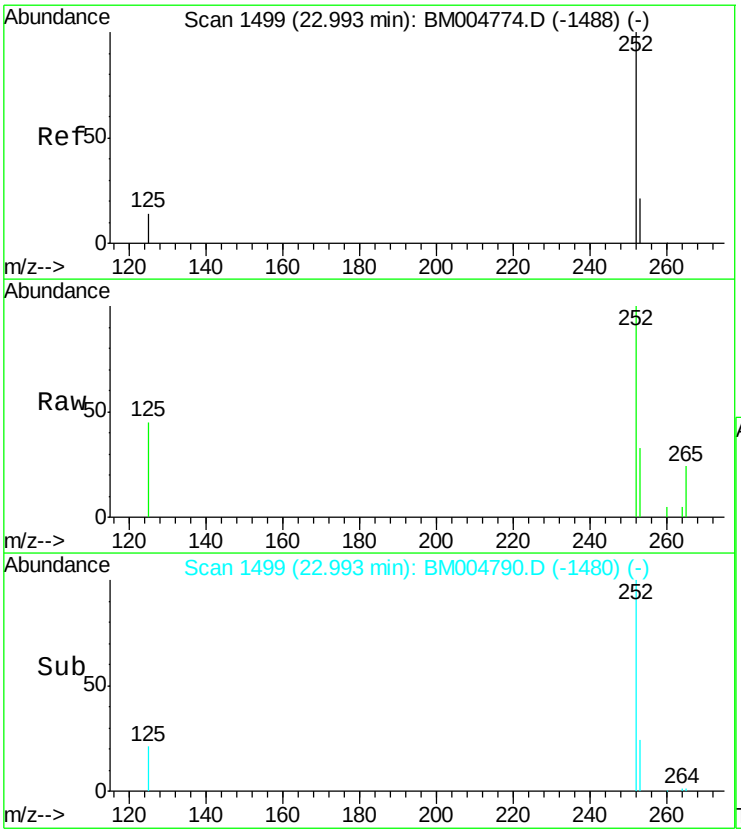
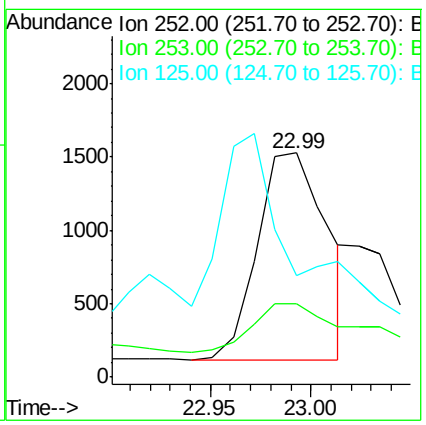
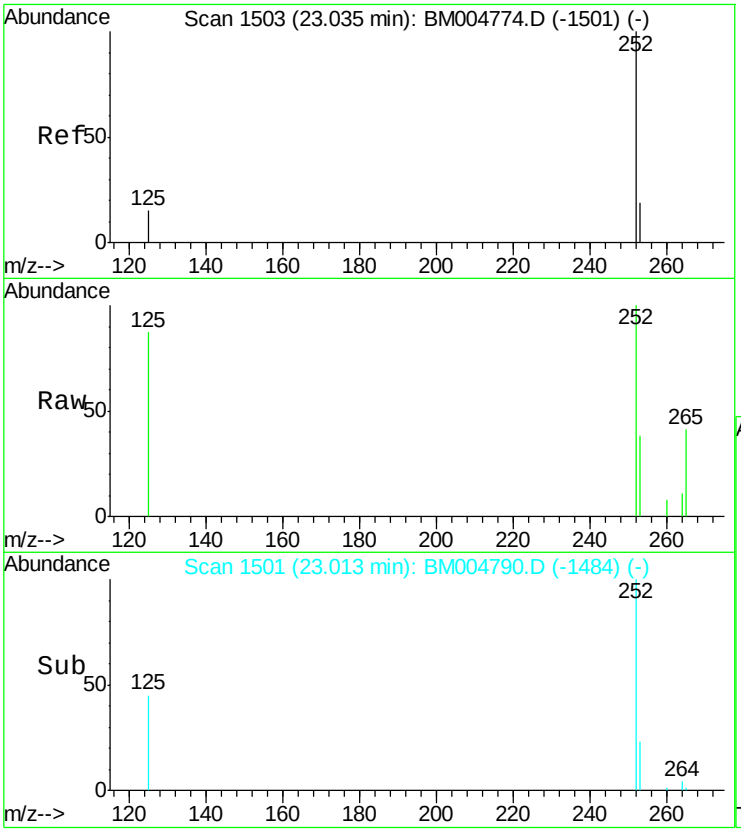


#23
Benzo(b)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:252 Resp: 3445

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	45.4
125	45.5	0.0	28.8#

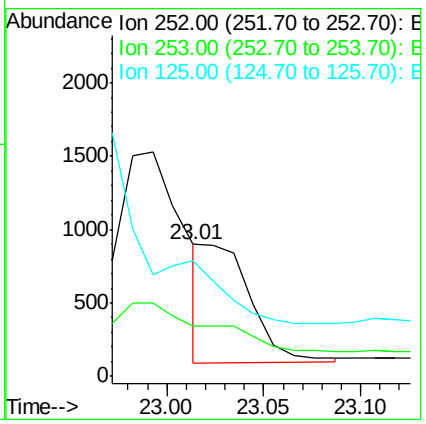




#24
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 23.01 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:252 Resp: 1345

Ion	Ratio	Lower	Upper
252	100		
253	38.4	19.8	29.8#
125	87.2	10.4	15.6#



Instrument :
BNA_M
ClientSampleId :
A4T52

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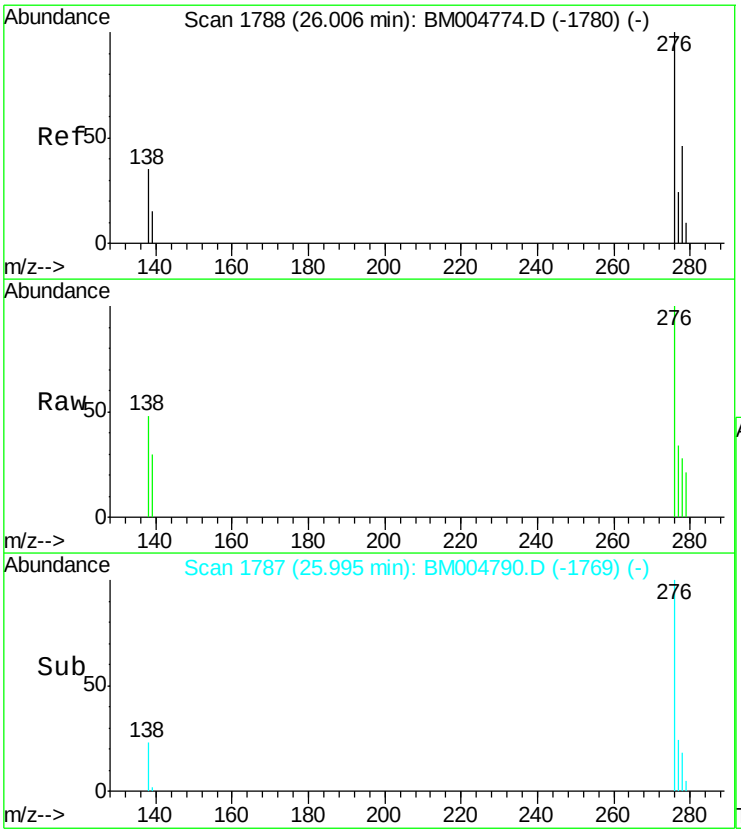
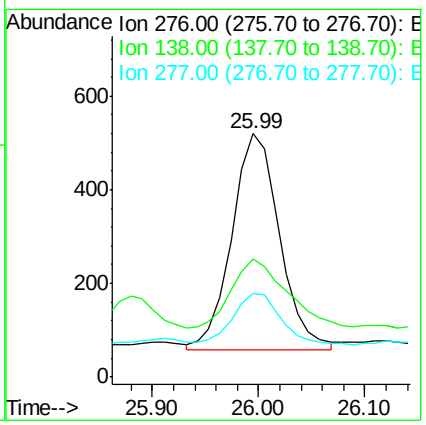
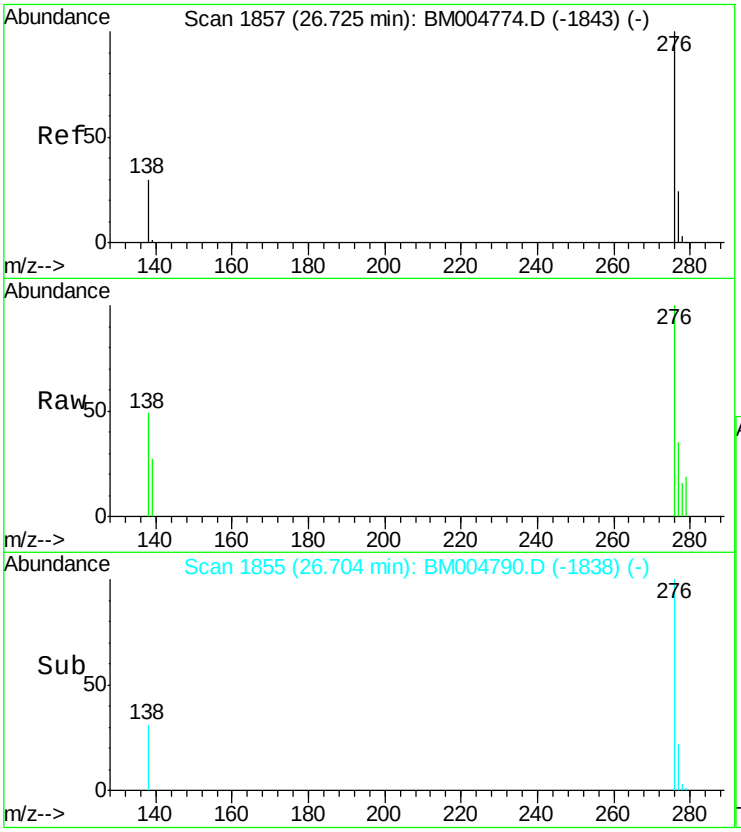


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul m
RT: 25.99 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:276 Resp: 1443

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	2.8	19.8	29.8#

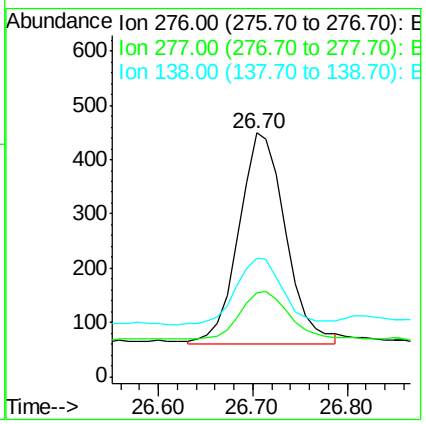




#28
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul m
RT: 26.70 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BM004790.D
Acq: 25 Mar 2016 22:45

Tgt Ion:276 Resp: 1344

Ion	Ratio	Lower	Upper
276	100		
277	34.5	18.9	28.3#
138	48.8	22.5	33.7#



Instrument :
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ClientSampleId :
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