Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004758.D
Acq On : 24 Mar 2016 20:12
Operator : UM/SJ
Sample : H1909-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations APPROVED
Sohil
3/25/2016 2:59:39 PM

Quant Time: Mar 25 02:31:26 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	2706	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	10869	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	5553	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	11288	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	10311	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	10163	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5715	4.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1718	0.14	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3544	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	903	0.04	ng/ul#	79
9) Acenaphthylene	14.18	152	665	0.03	ng/ul#	80
14) Phenanthrene	17.24	178	4125	0.13	ng/ul#	95
17) Fluoranthene	19.27	202	10630	0.33	ng/ul	96
19) Pyrene	19.63	202	11068	0.31	ng/ul	98
20) Benzo(a)anthracene	21.38	228	3781	0.15	ng/ul#	93
21) Chrysene	21.43	228	5642	0.17	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	7100m	0.20	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	2606m	0.07	ng/ul	
25) Benzo(a)pyrene	23.59	252	4575m	0.15	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	2899	0.09	ng/ul#	87
28) Benzo(g,h,i)perylene	26.72	276	2830	0.09	ng/ul#	86

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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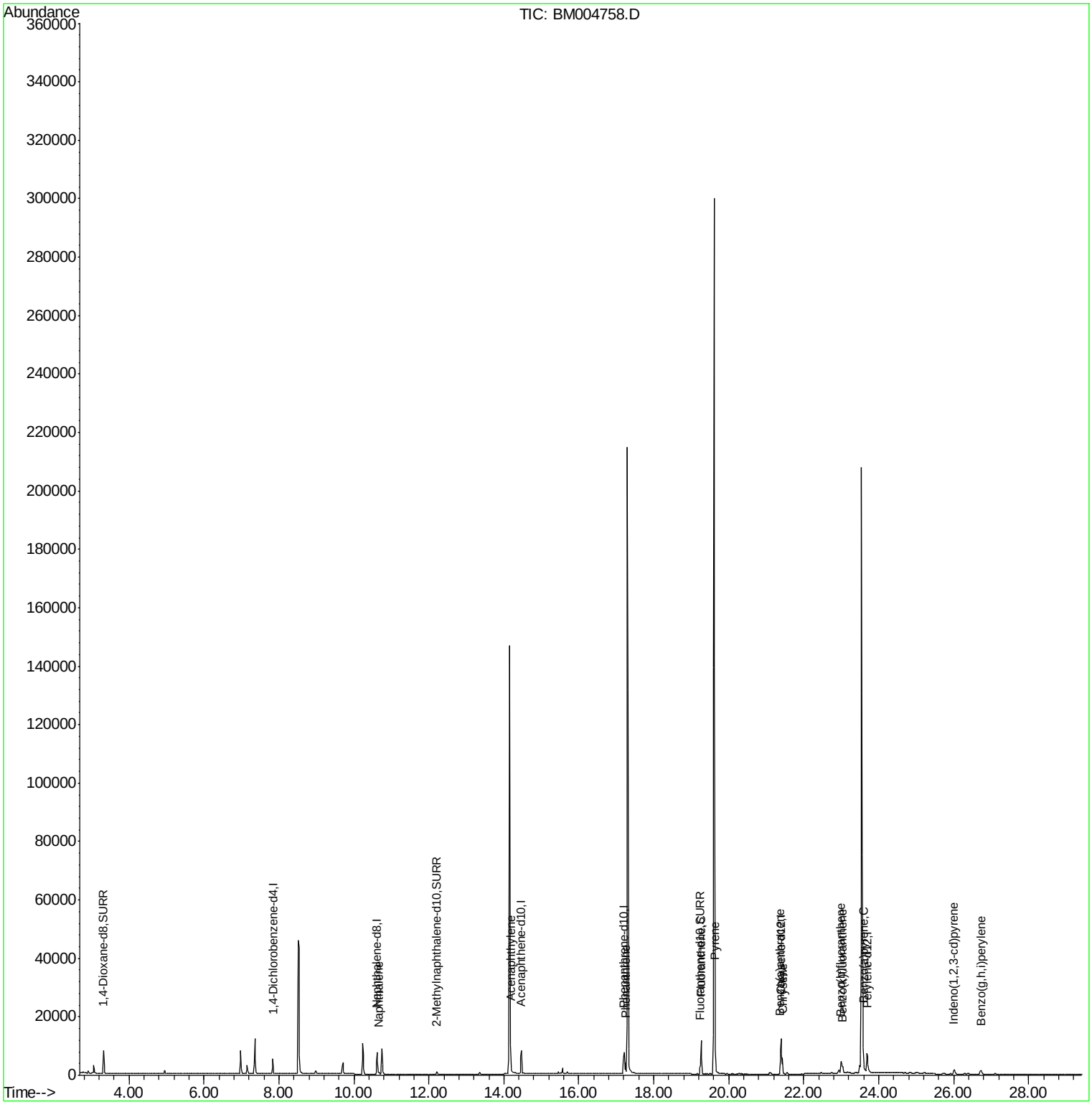
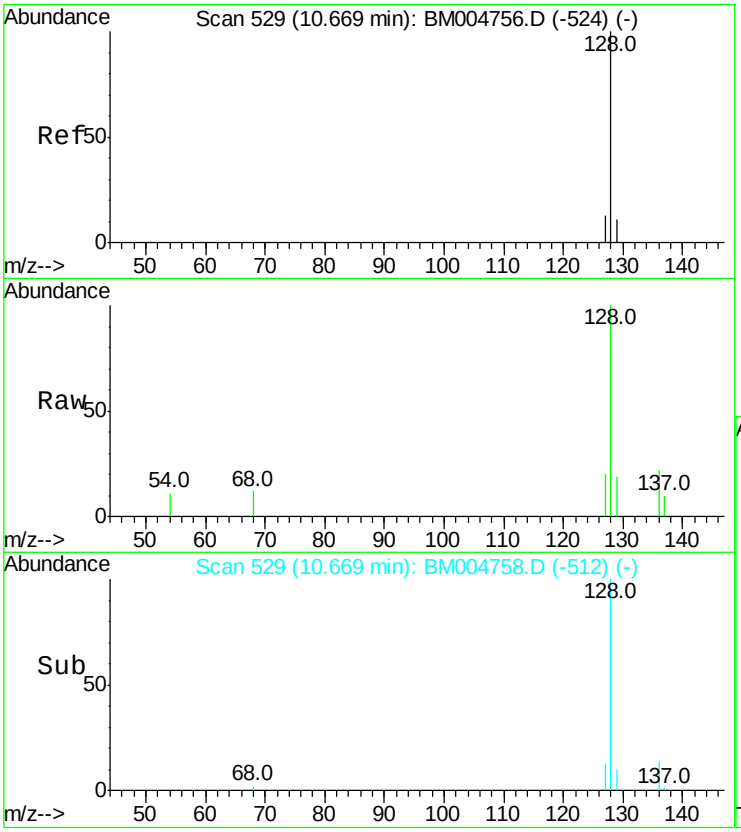
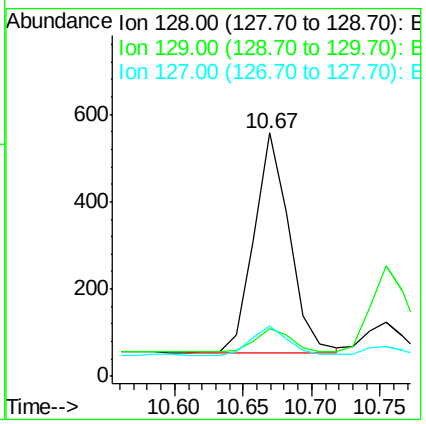




#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:128 Resp: 903

Ion	Ratio	Lower	Upper
128	100		
129	19.4	9.0	13.6#
127	20.4	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
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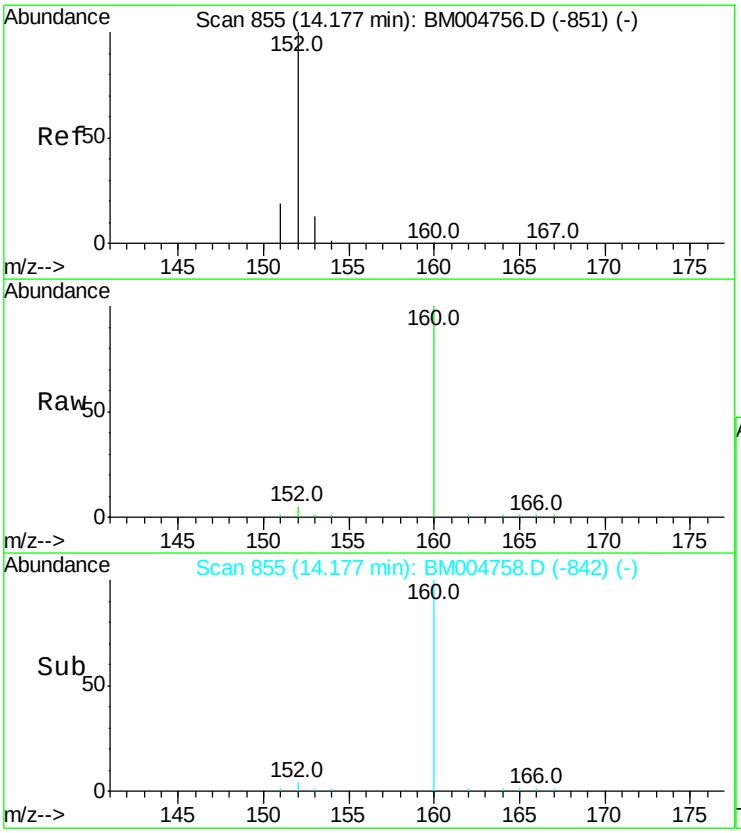
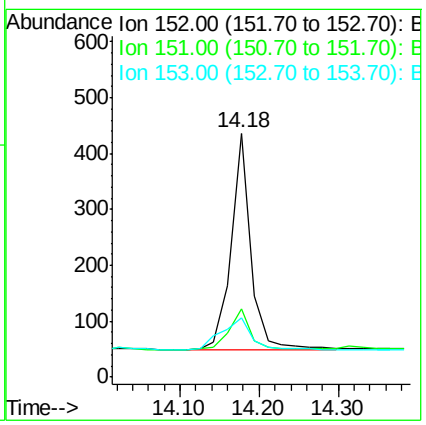
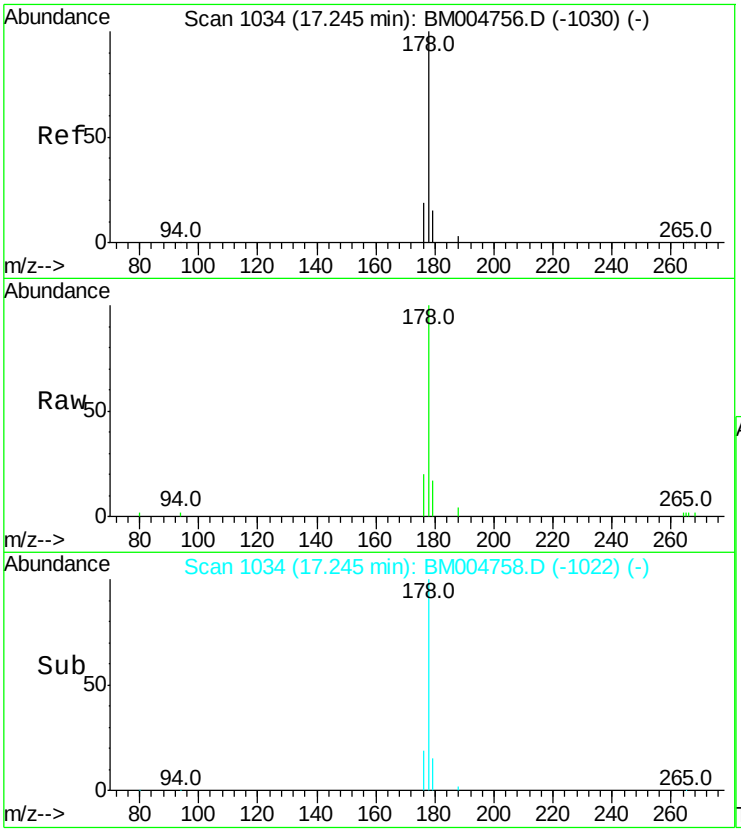


#9
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:152 Resp: 665

Ion	Ratio	Lower	Upper
152	100		
151	28.2	17.6	26.4#
153	24.3	9.7	14.5#





#14
Phenanthrene
Concen: 0.13 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:178 Resp: 4125

Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.0	19.4#
179	17.0	14.2	21.2

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations APPROVED
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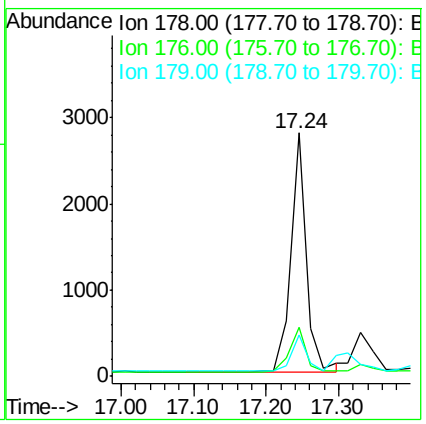
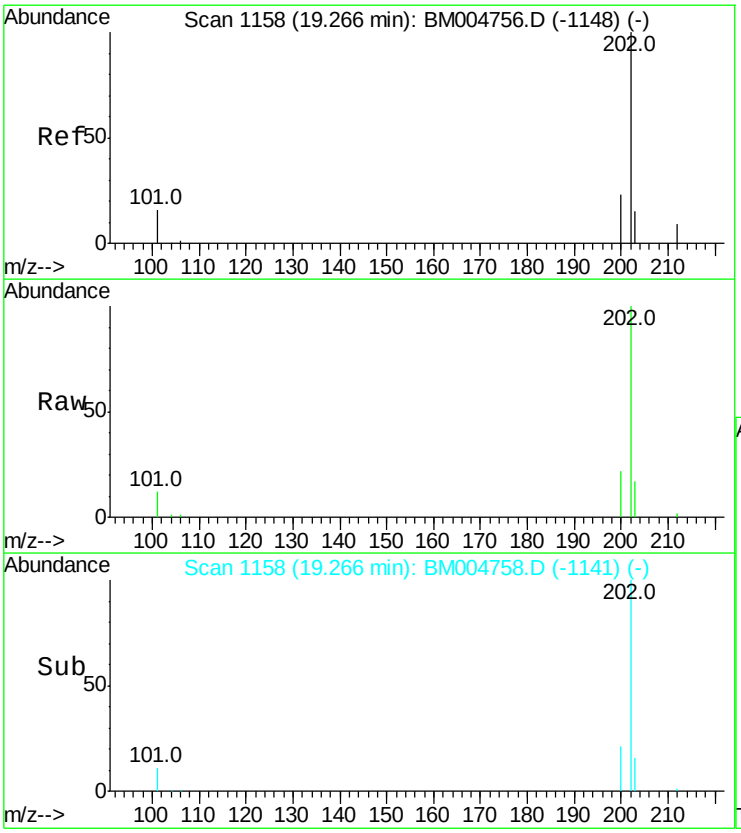
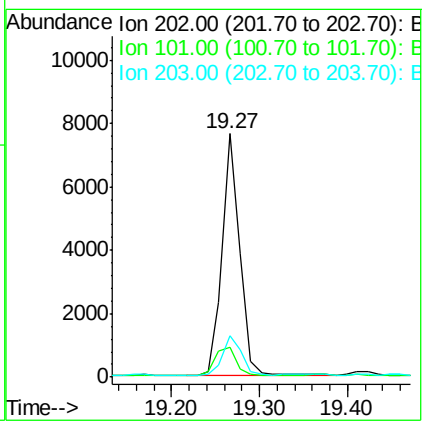


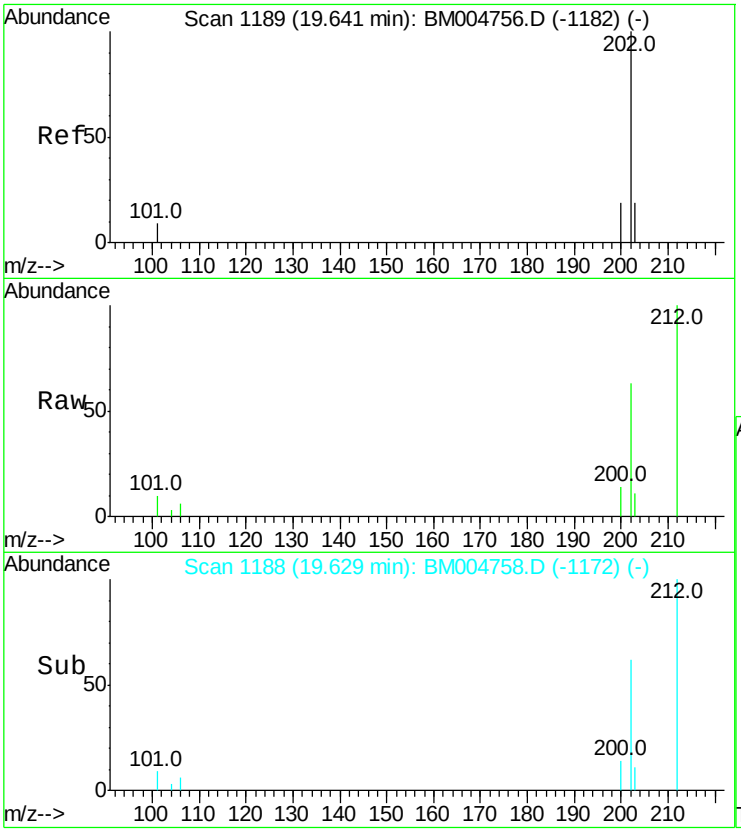


#17
Fluoranthene
Concen: 0.33 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:202 Resp: 10630

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.6
203	17.2	0.0	36.3

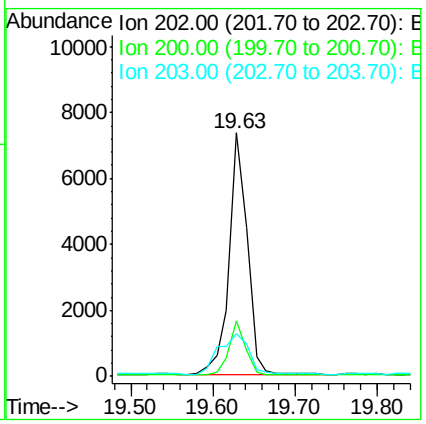




#19
Pyrene
Concen: 0.31 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:202 Resp: 11068

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	17.6	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4T38

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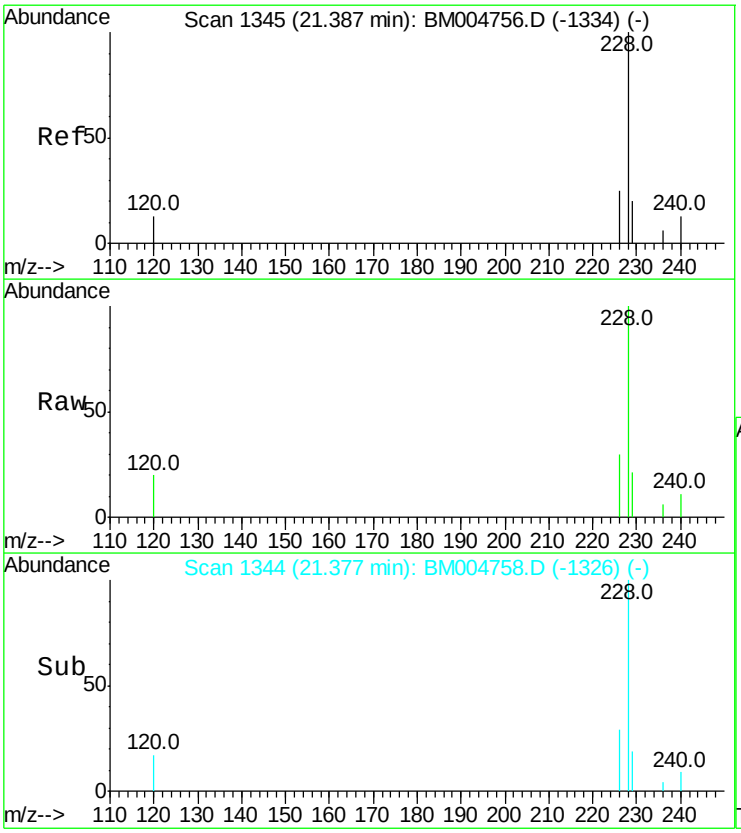
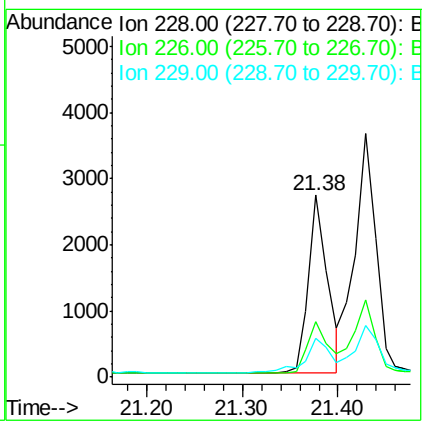
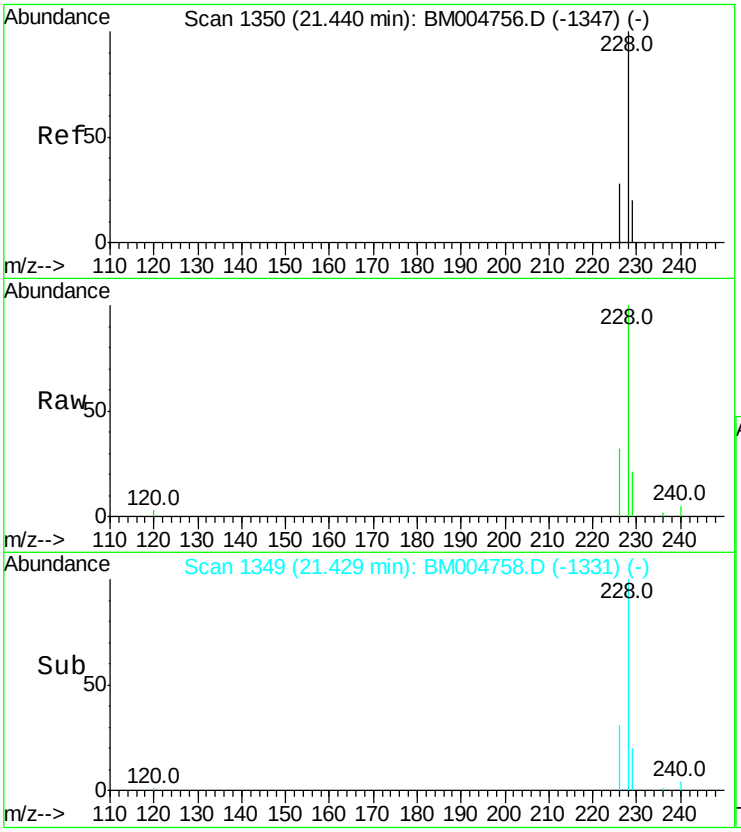


#20
Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:228 Resp: 3781

Ion	Ratio	Lower	Upper
228	100		
226	30.3	18.8	28.2#
229	21.3	17.1	25.7

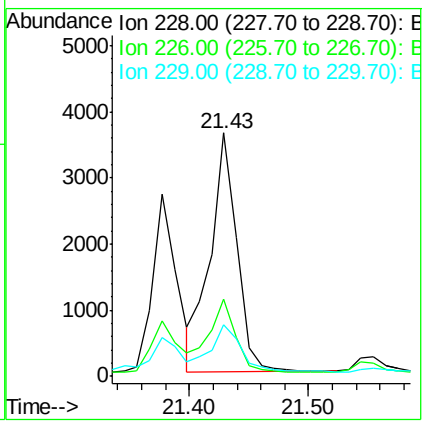




#21
Chrysene
Concen: 0.17 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:228 Resp: 5642

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.2	31.8
229	21.2	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
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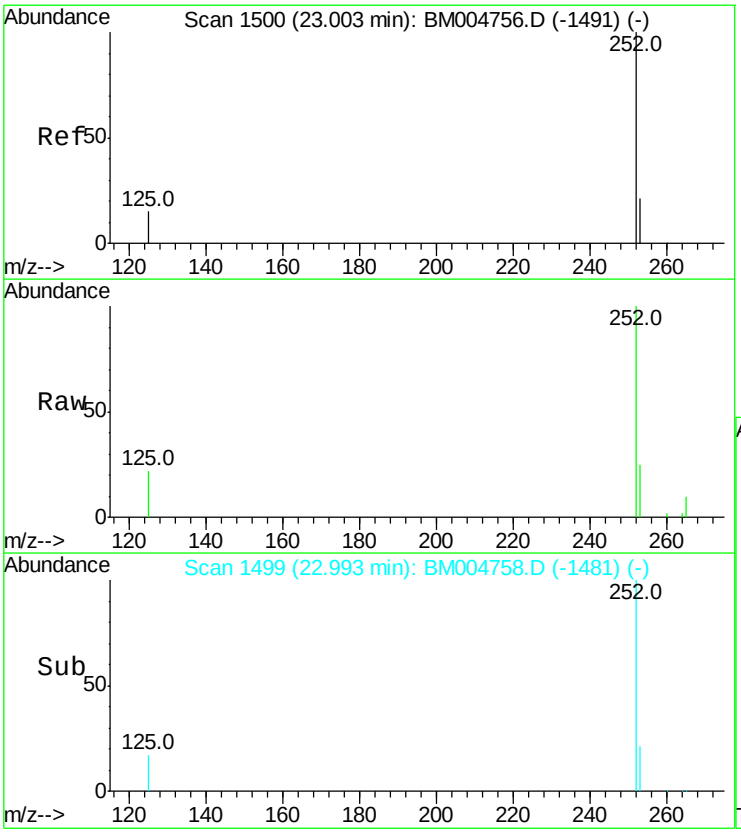
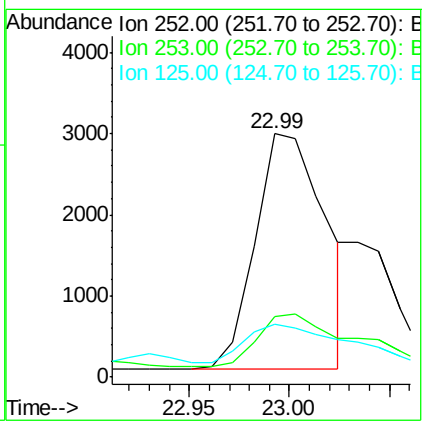
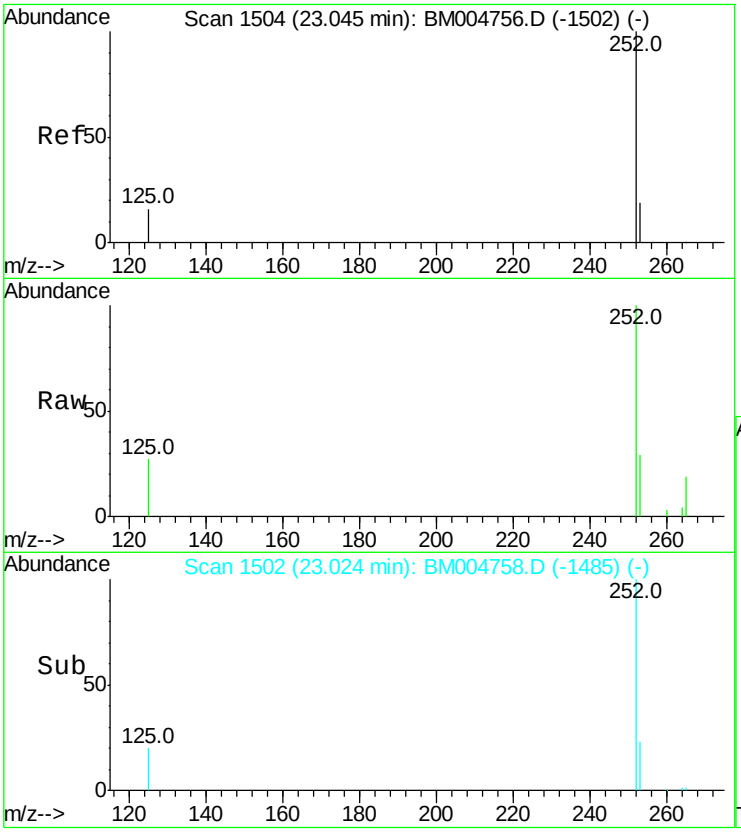


#23
Benzo(b)fluoranthene
Concen: 0.20 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:252 Resp: 7100

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	45.4
125	21.8	0.0	28.8





#24
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 23.02 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:252 Resp: 2606

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.8	29.8
125	27.5	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations APPROVED
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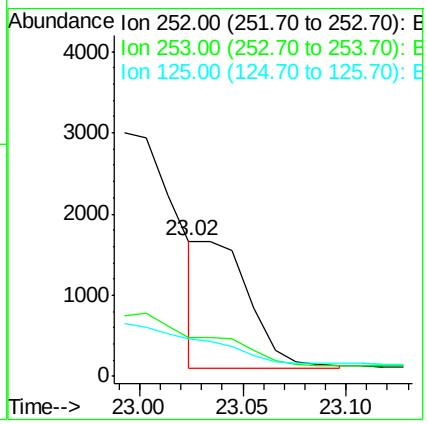
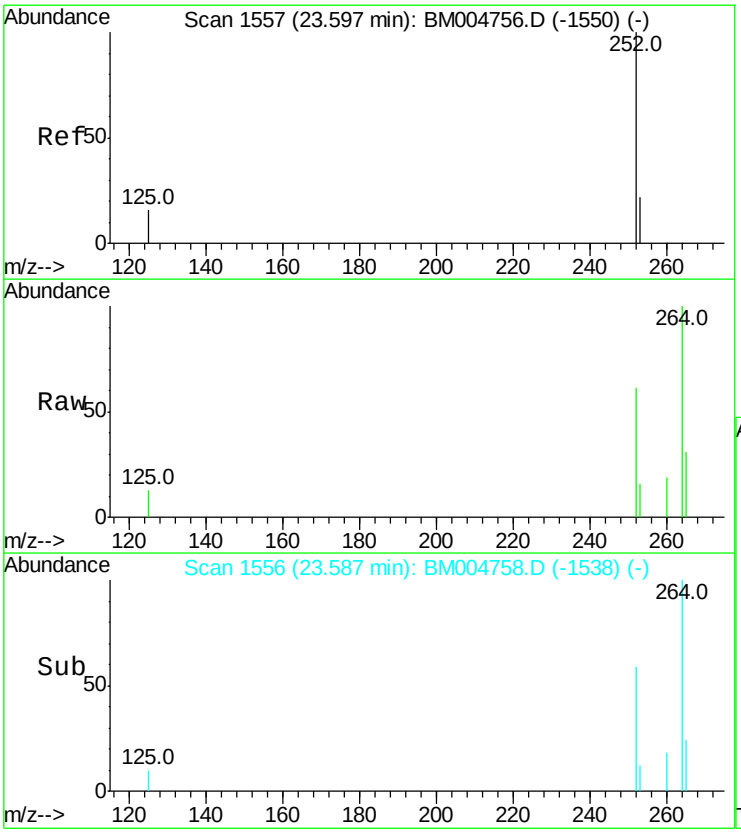
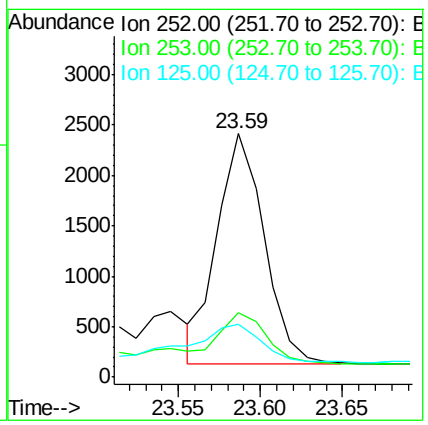


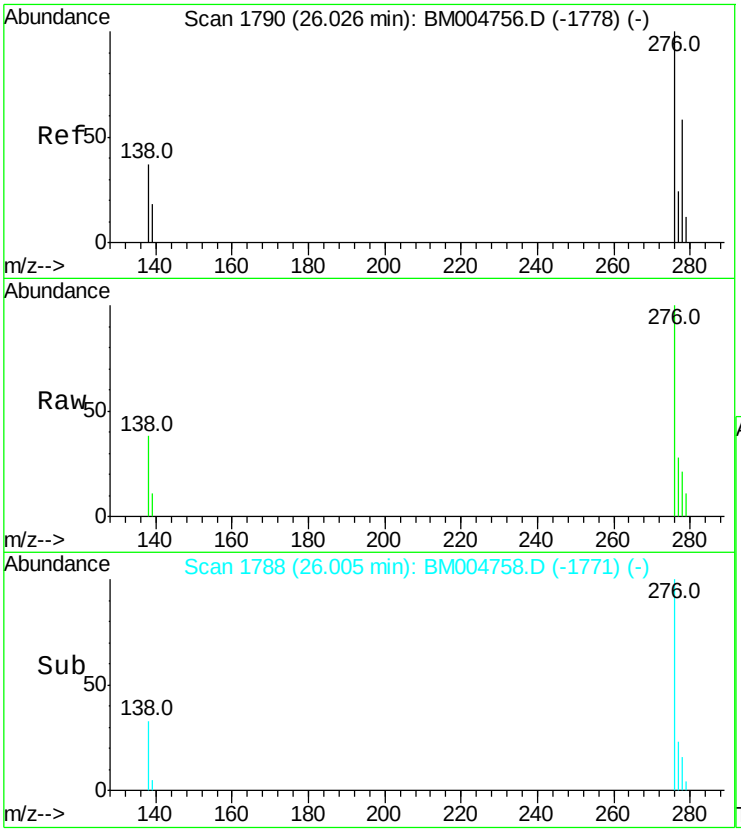


#25
Benzo(a)pyrene
Concen: 0.15 ng/ul m
RT: 23.59 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:252 Resp: 4575

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.2
125	21.8	12.7	19.1#

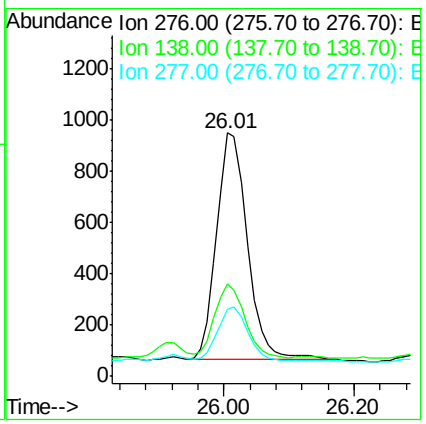




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:276 Resp: 2899

Ion	Ratio	Lower	Upper
276	100		
138	32.0	16.3	24.5#
277	23.1	19.8	29.8



Instrument :
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Manual Integrations APPROVED
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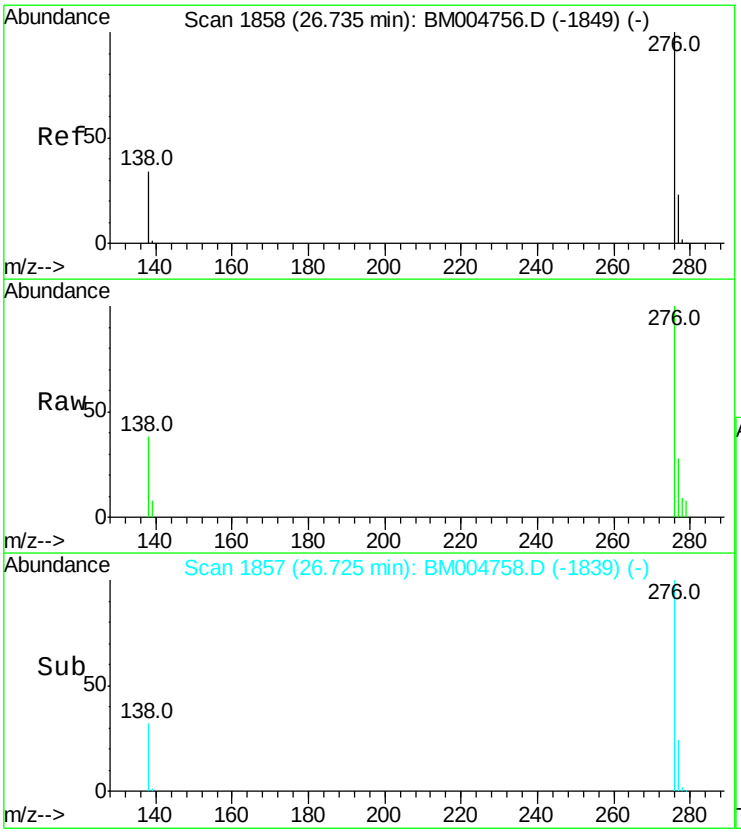

#28
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.72 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM004758.D
Acq: 24 Mar 2016 20:12

Tgt Ion:276 Resp: 2830

Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.9	28.3#
138	37.6	22.5	33.7#