Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004762.D
Acq On : 24 Mar 2016 22:37
Operator : UM/SJ
Sample : H1909-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T44

Manual Integrations APPROVED
Sohil
3/25/2016 2:59:47 PM

Quant Time: Mar 25 02:45:22 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	1453	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5891	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3155	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6467m	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	5607	5.00	ng/ul	0.00
22) Perylene-d12	23.68	264	4201m	5.00	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	7700	10.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2423	0.36	ng/ul	-0.01
16) Fluoranthene-d10	19.23	212	5353	0.41	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.67	128	1039	0.07	ng/ul#	80
9) Acenaphthylene	14.18	152	831	0.07	ng/ul#	83
14) Phenanthrene	17.24	178	3097m	0.17	ng/ul	
17) Fluoranthene	19.27	202	8895	0.49	ng/ul	93
19) Pyrene	19.63	202	8894	0.45	ng/ul#	94
20) Benzo(a)anthracene	21.38	228	3634	0.27	ng/ul#	88
21) Chrysene	21.43	228	3979	0.22	ng/ul	94
23) Benzo(b)fluoranthene	23.00	252	6233m	0.41	ng/ul	
24) Benzo(k)fluoranthene	23.04	252	1555m	0.10	ng/ul	
25) Benzo(a)pyrene	23.59	252	3570m	0.28	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	2247m	0.16	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	2276m	0.17	ng/ul	

(#) = 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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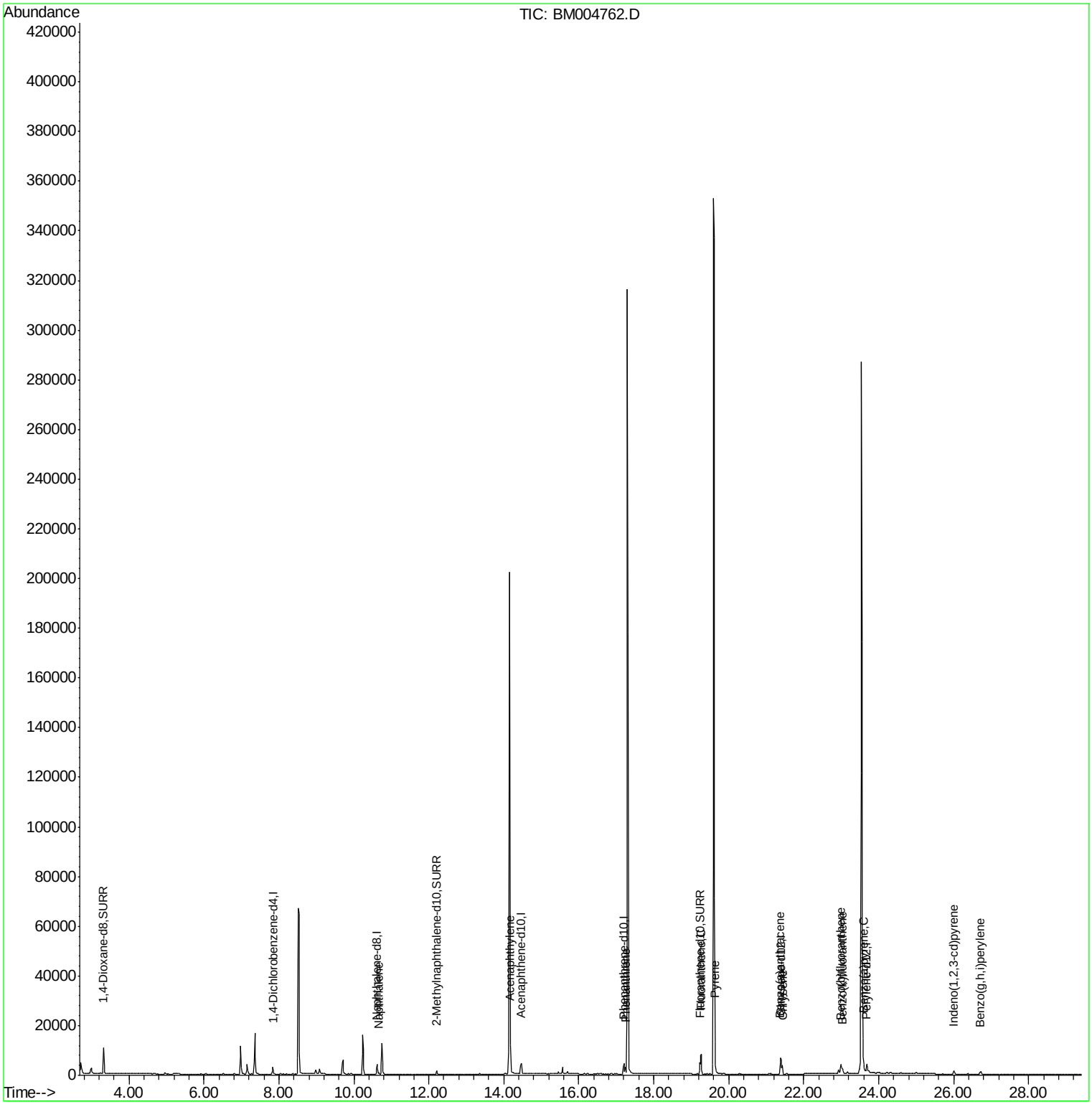
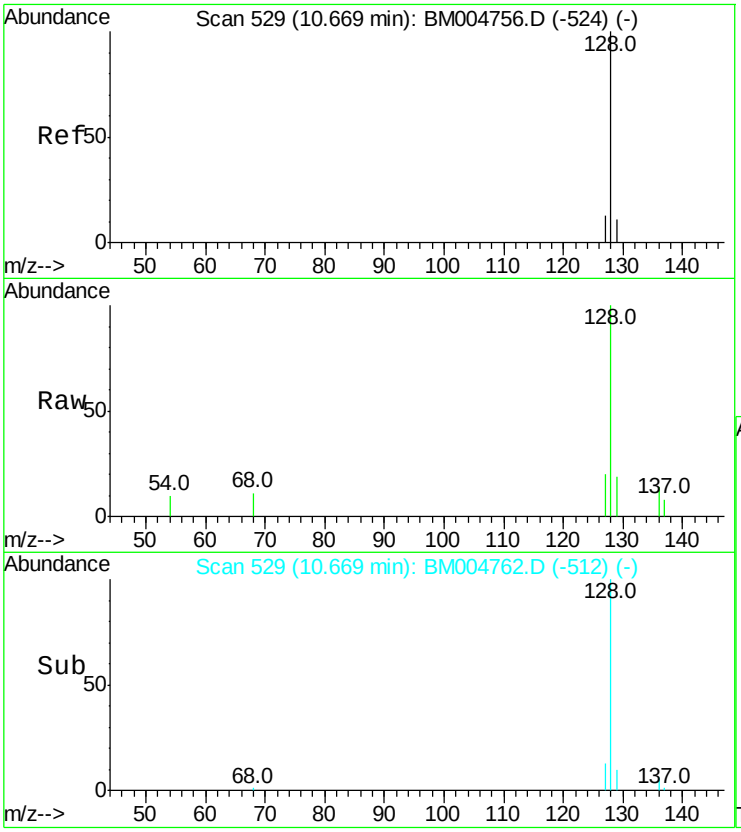
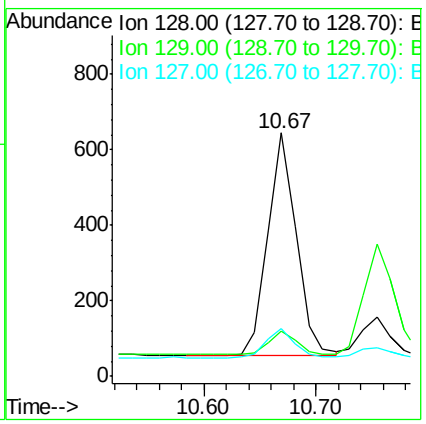




#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:128 Resp: 1039

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.0	13.6#
127	19.7	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
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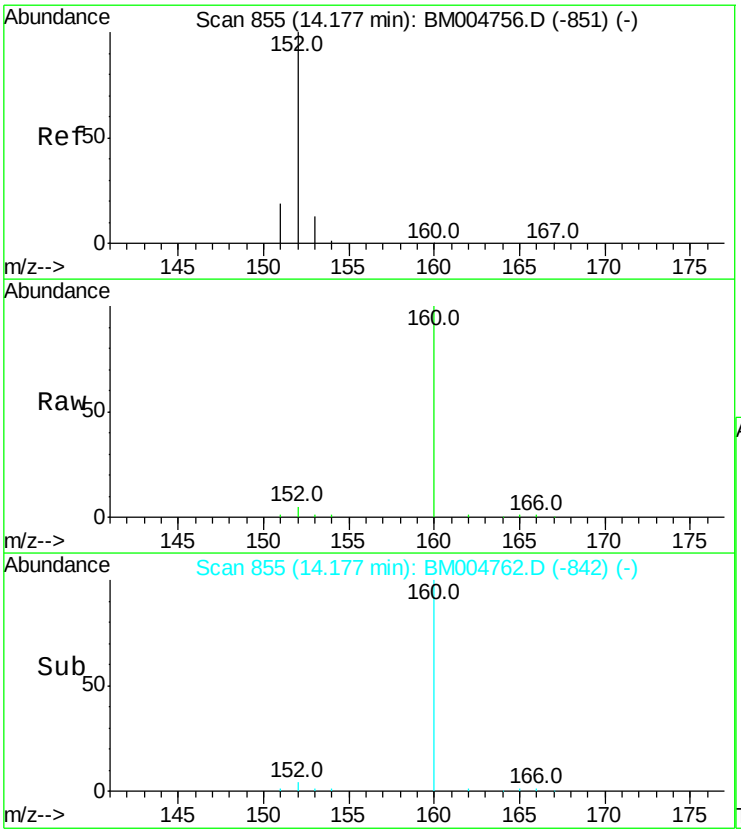
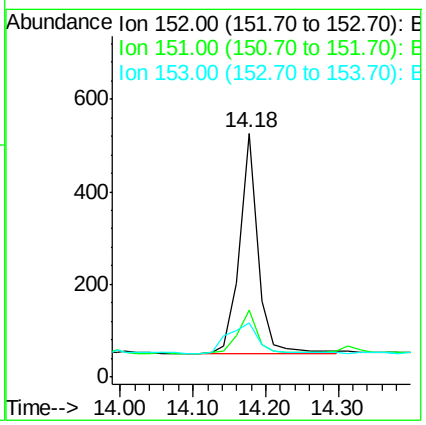
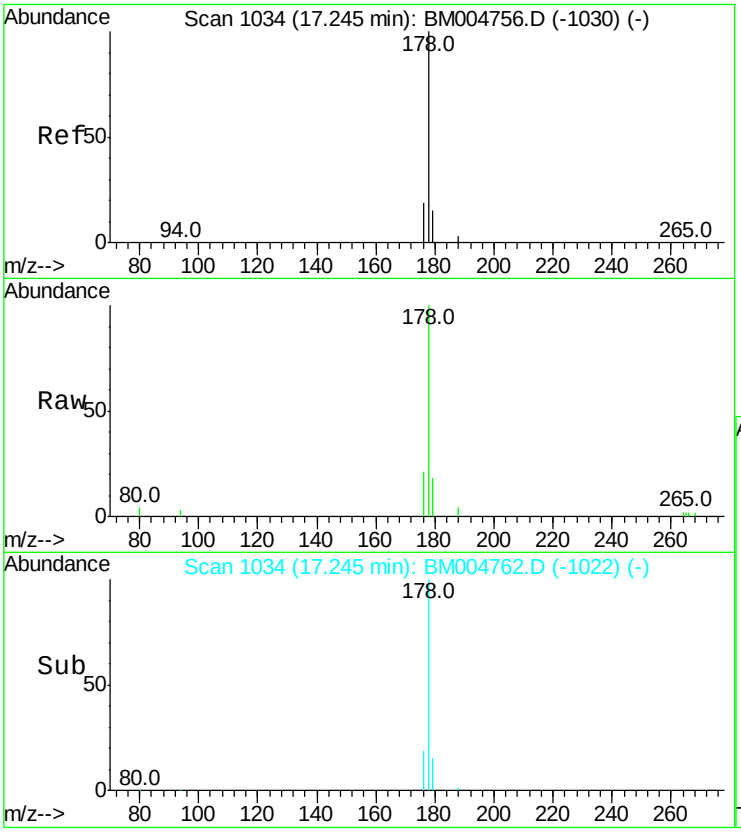


#9
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:152 Resp: 831

Ion	Ratio	Lower	Upper
152	100		
151	27.4	17.6	26.4#
153	22.2	9.7	14.5#





#14
Phenanthrene
Concen: 0.17 ng/ul m
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:178 Resp: 3097

Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.0	19.4#
179	17.9	14.2	21.2

Instrument :
BNA_M
ClientSampleId :
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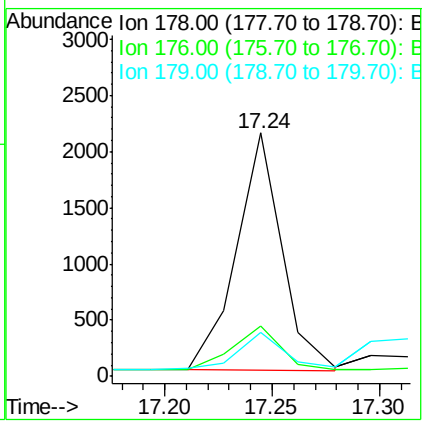
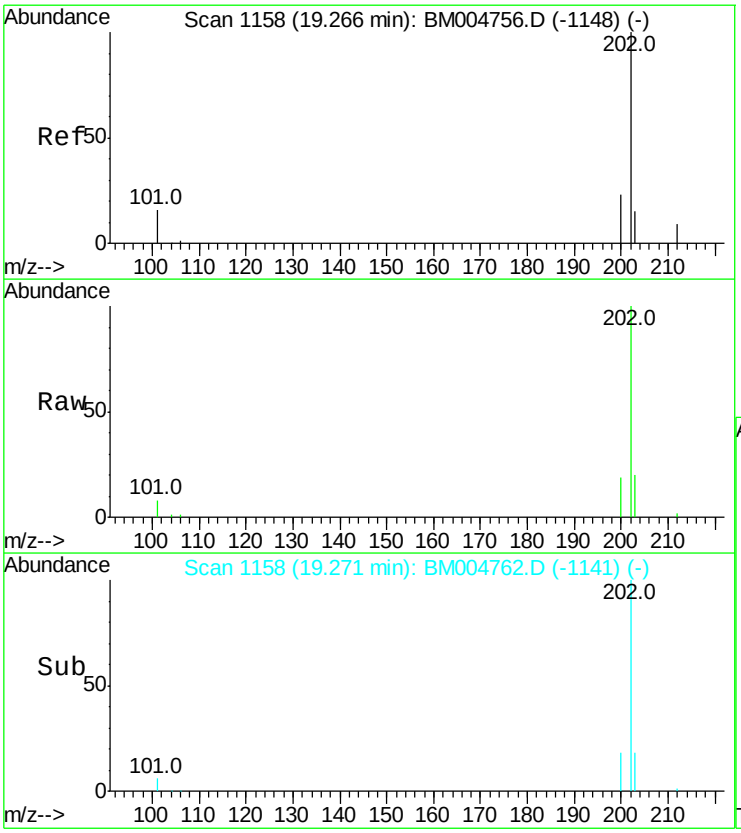
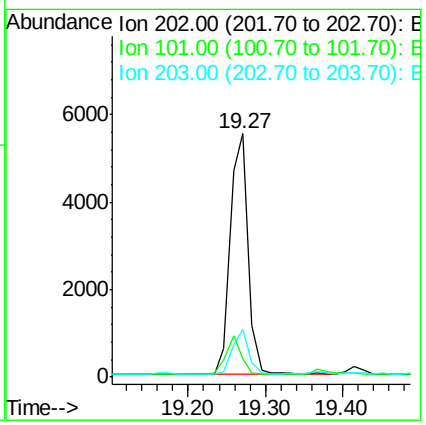


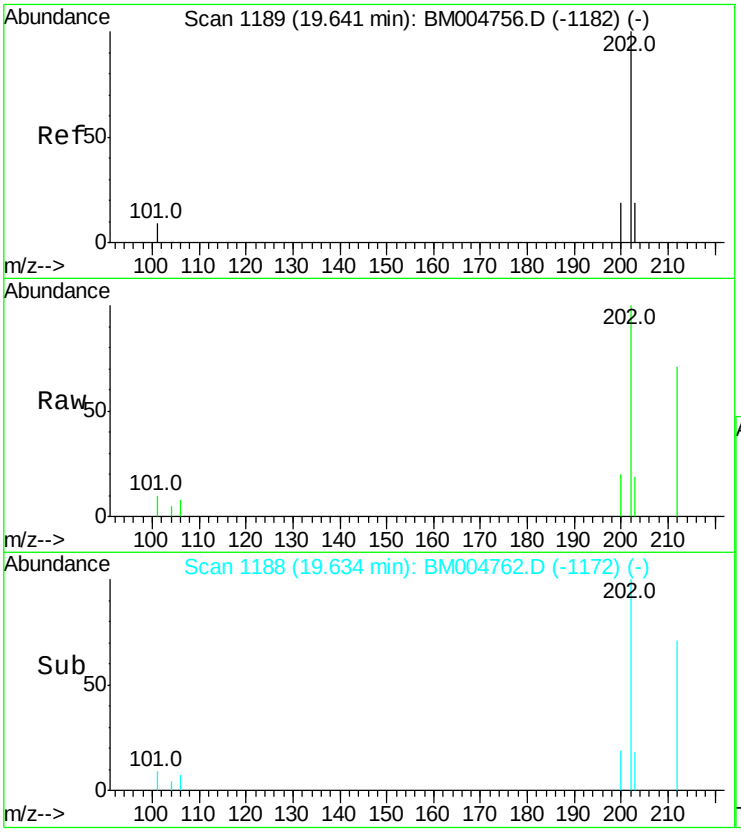


#17
Fluoranthene
Concen: 0.49 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:202 Resp: 8895

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.6
203	19.8	0.0	36.3





#19
Pyrene
Concen: 0.45 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:202 Resp: 8894

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.8
203	19.4	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
A4T44

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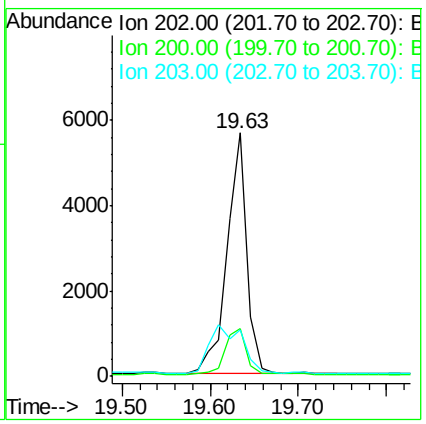
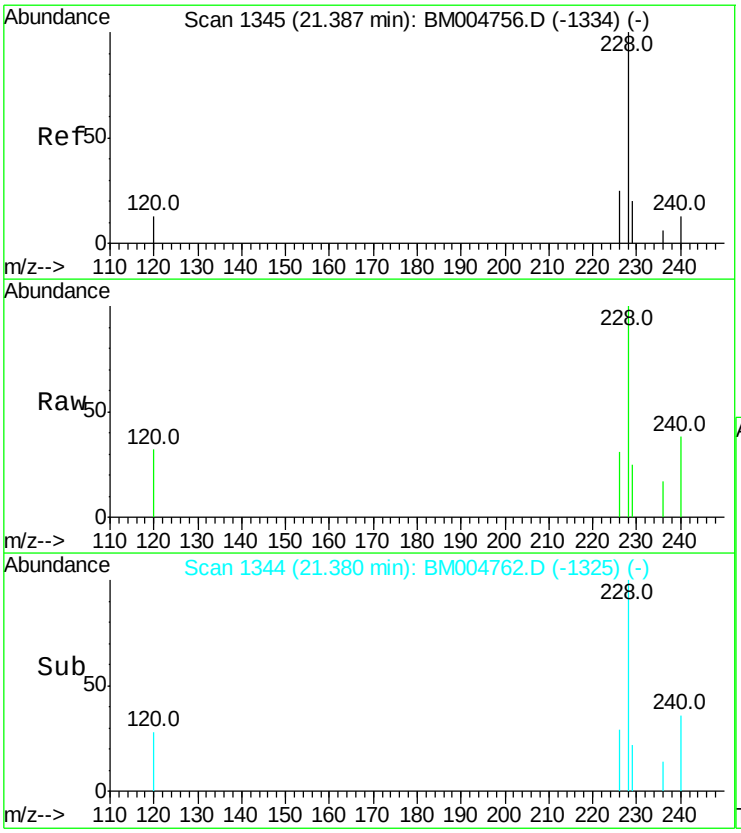
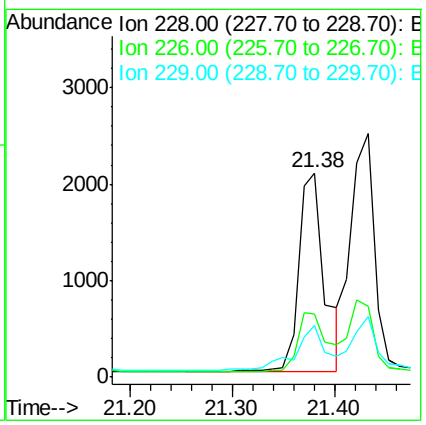


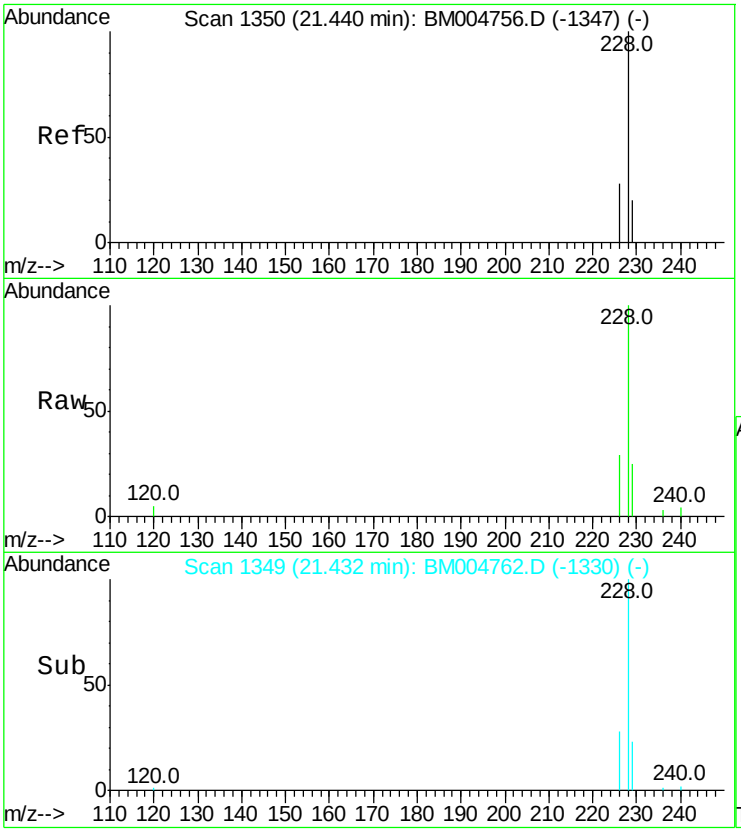


#20
Benzo(a)anthracene
Concen: 0.27 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:228 Resp: 3634

Ion	Ratio	Lower	Upper
228	100		
226	31.2	18.8	28.2#
229	25.5	17.1	25.7

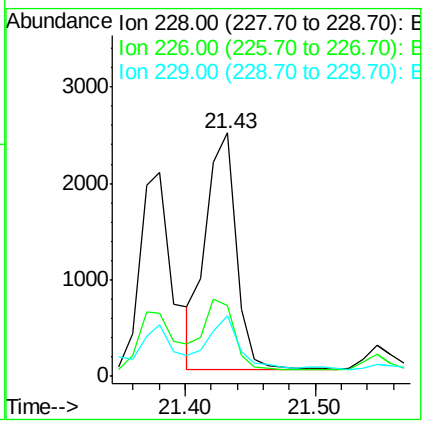




#21
Chrysene
Concen: 0.22 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:228 Resp: 3979

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.2	31.8
229	24.9	17.0	25.6



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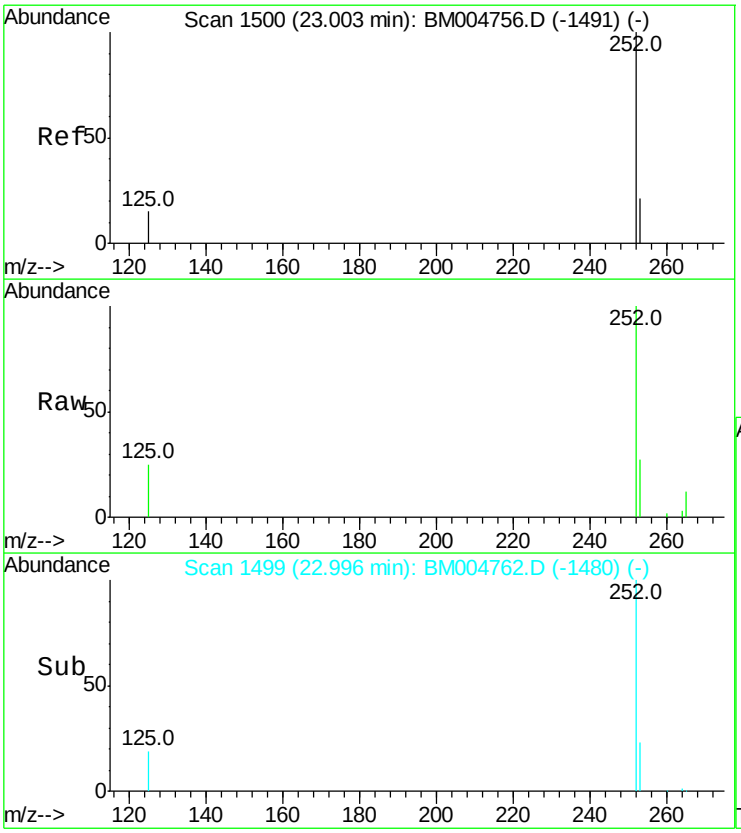
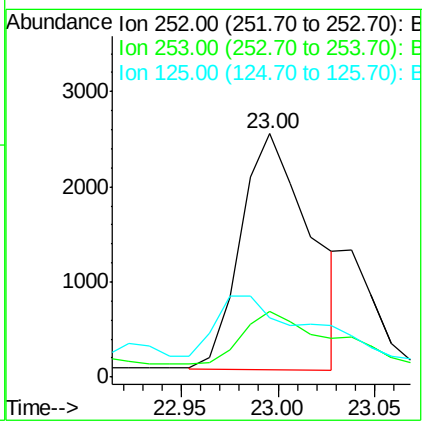
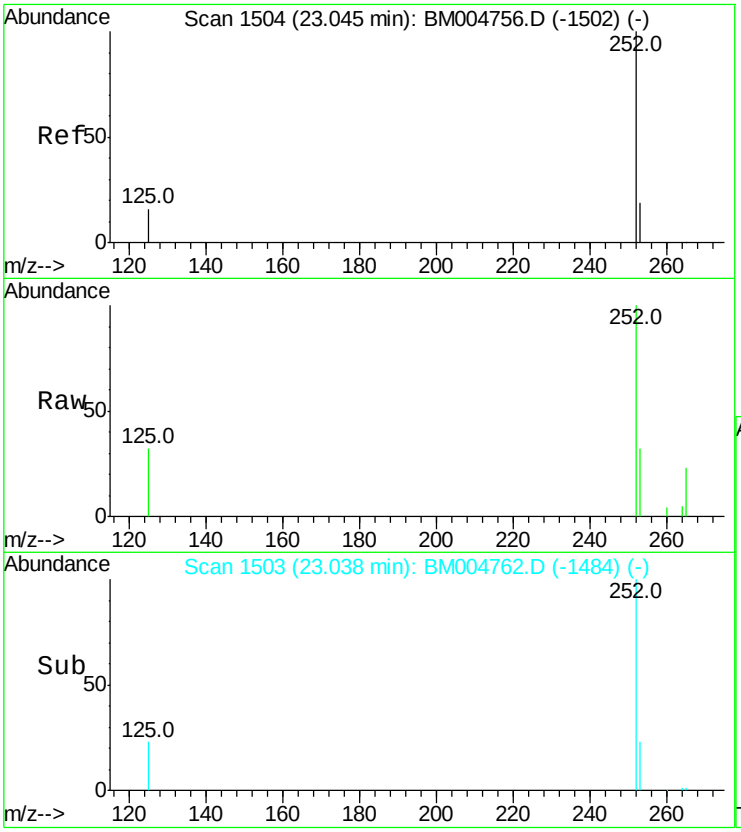


#23
Benzo(b)fluoranthene
Concen: 0.41 ng/ul m
RT: 23.00 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:252 Resp: 6233

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	45.4
125	24.6	0.0	28.8





#24
Benzo(k)fluoranthene
Concen: 0.10 ng/ul m
RT: 23.04 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:252 Resp: 1555

Ion	Ratio	Lower	Upper
252	100		
253	31.5	19.8	29.8#
125	32.5	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
A4T44

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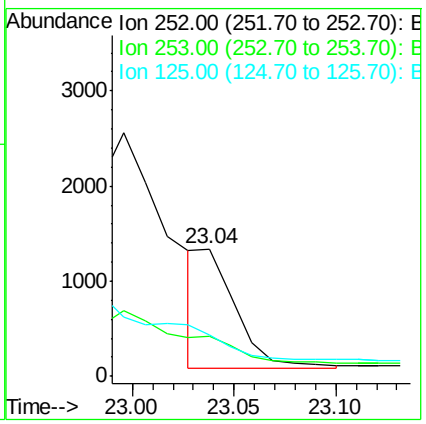
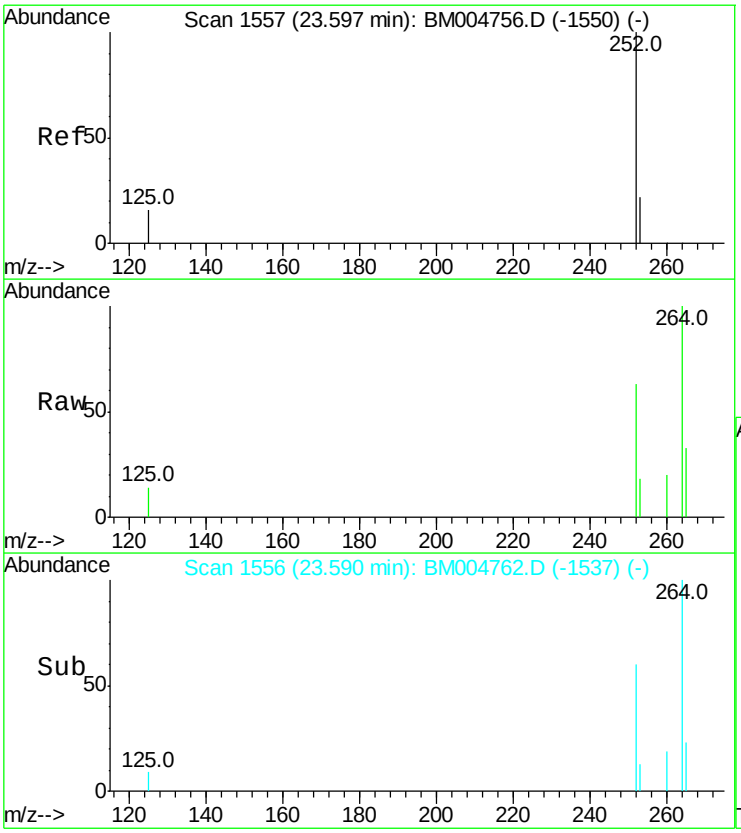
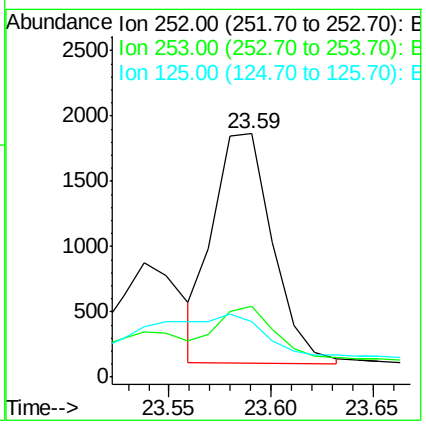


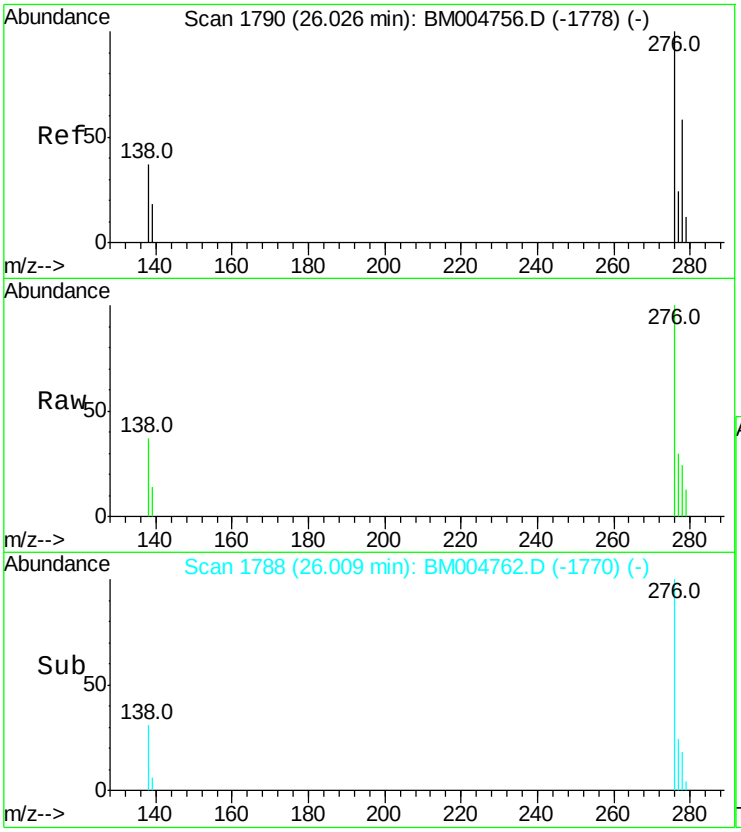


#25
Benzo(a)pyrene
Concen: 0.28 ng/ul m
RT: 23.59 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:252 Resp: 3570

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.4	29.2#
125	22.6	12.7	19.1#





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:276 Resp: 2247

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

Instrument :
BNA_M
ClientSampleId :
A4T44

Manual Integrations APPROVED
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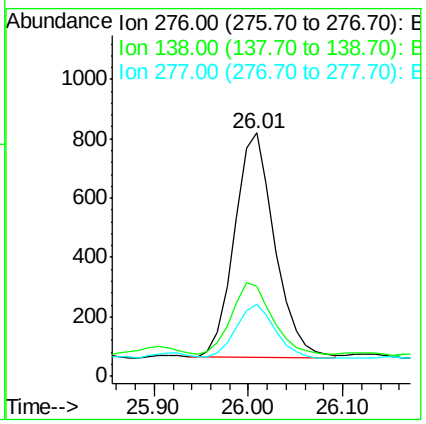

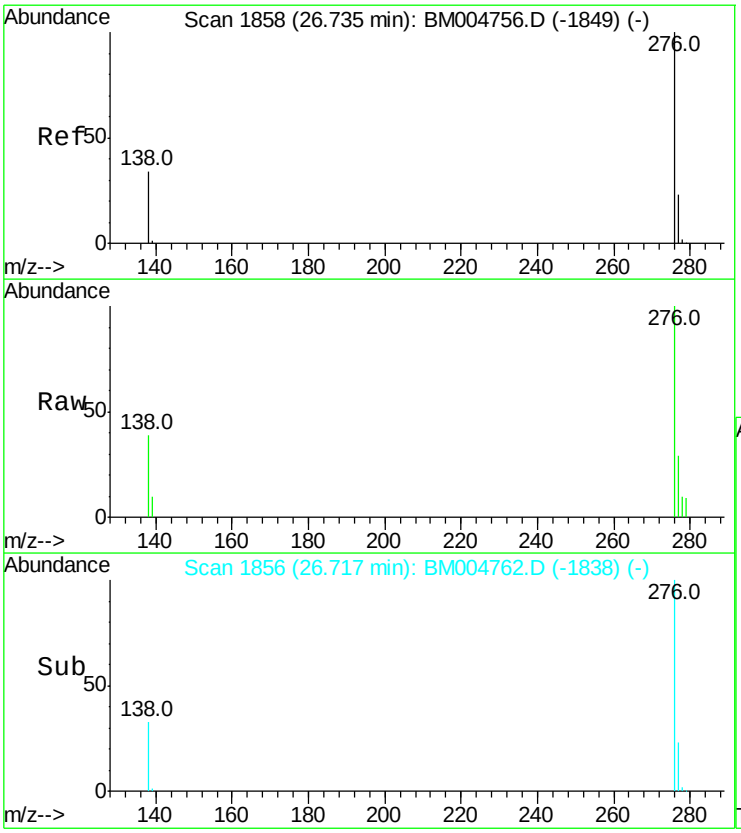

#28
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul m
RT: 26.72 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BM004762.D
Acq: 24 Mar 2016 22:37

Tgt Ion:276 Resp: 2276

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.9	28.3#
138	39.3	22.5	33.7#