Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
Data File : BM003607.D
Acq On : 17 Dec 2015 19:55
Operator : UM/IZ
Sample : G4767-24DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N46DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:23:04 PM

Quant Time: Dec 18 16:54:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2603	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10832	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6359	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	13984m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	10890	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9746	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2675	2.40	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	882	0.07	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1640	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	9175	0.38	ng/ul	97
7) 2-Methylnaphthalene	12.16	142	1864	0.11	ng/ul	99
10) Acenaphthene	14.42	153	3975	0.20	ng/ul	94
11) Fluorene	15.41	166	4070	0.19	ng/ul	93
14) Phenanthrene	17.14	178	18194	0.50	ng/ul	96
17) Fluoranthene	19.17	202	8499	0.22	ng/ul	97
19) Pyrene	19.53	202	7502	0.26	ng/ul	98
20) Benzo(a)anthracene	21.28	228	1034	0.04	ng/ul#	79
21) Chrysene	21.34	228	952	0.03	ng/ul#	79

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

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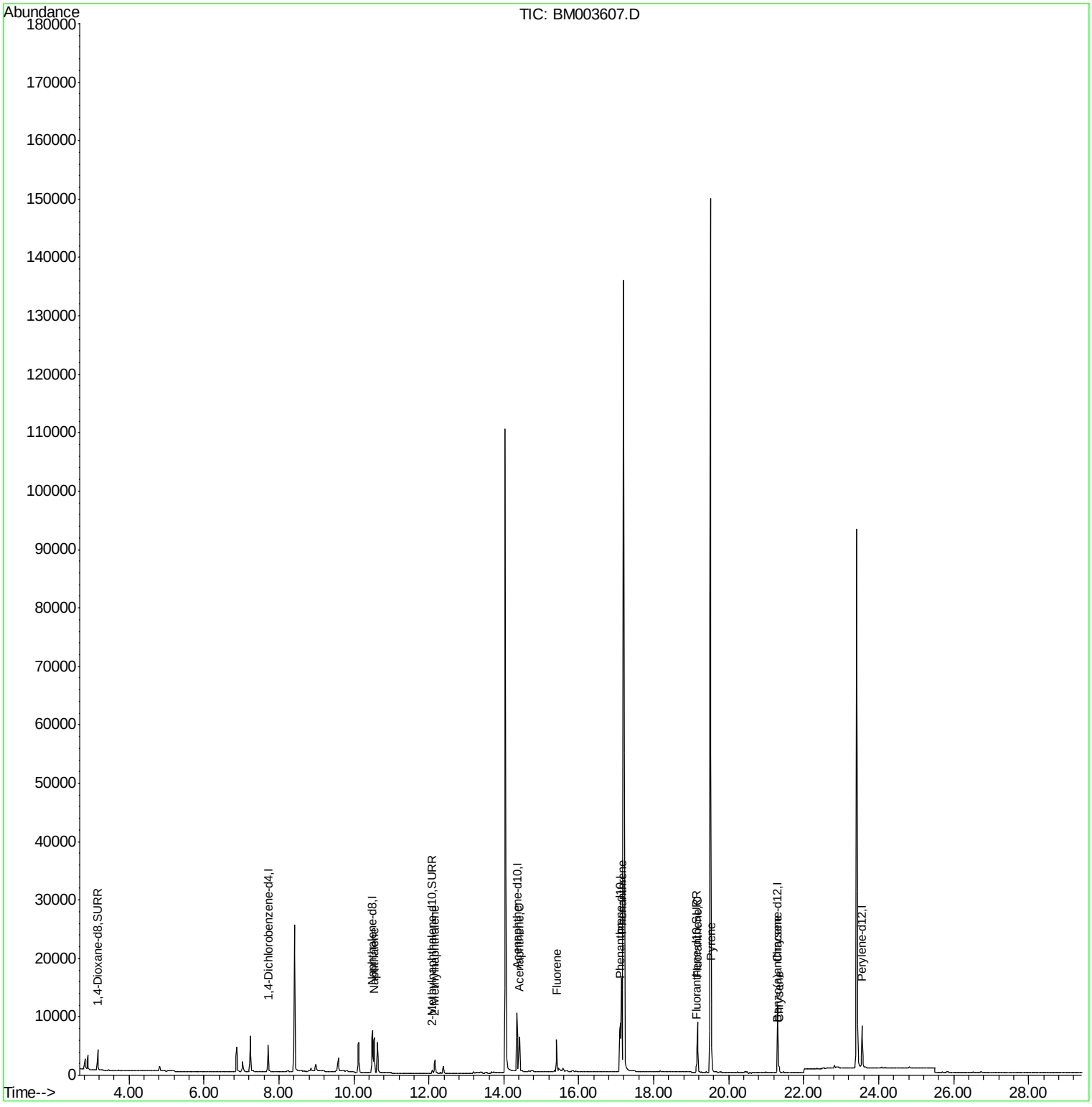
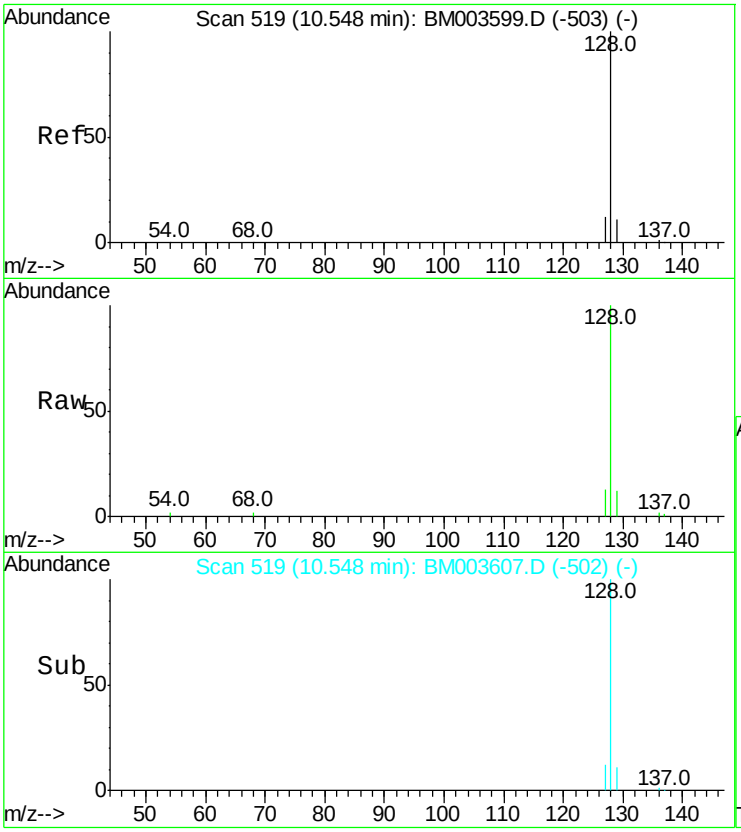
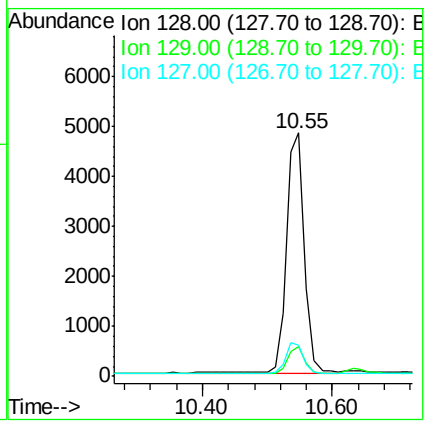




#5
Naphthalene
Concen: 0.38 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

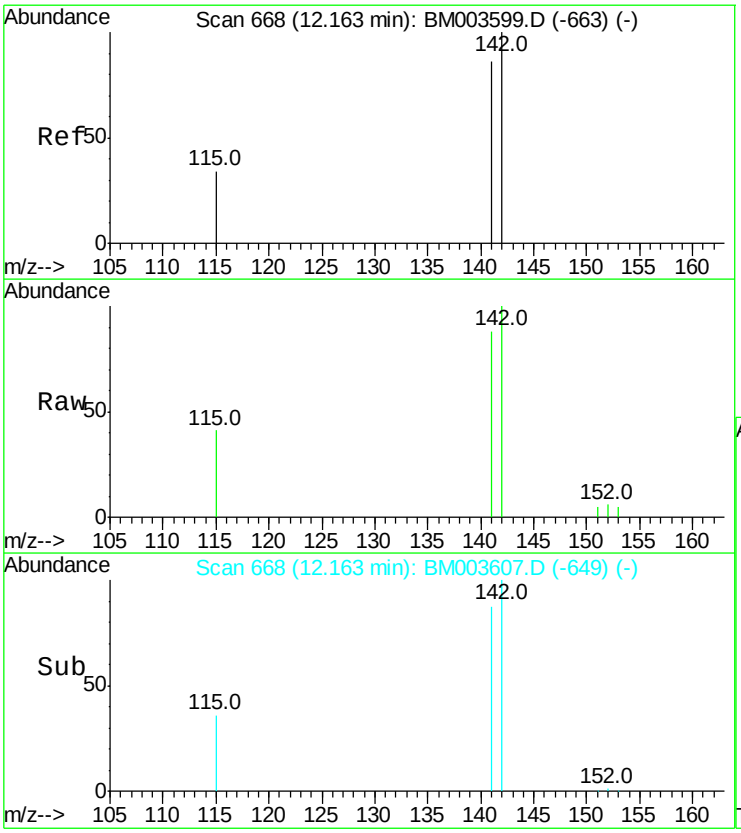
Tgt Ion:128 Resp: 9175

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.6
127	12.9	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N46DL

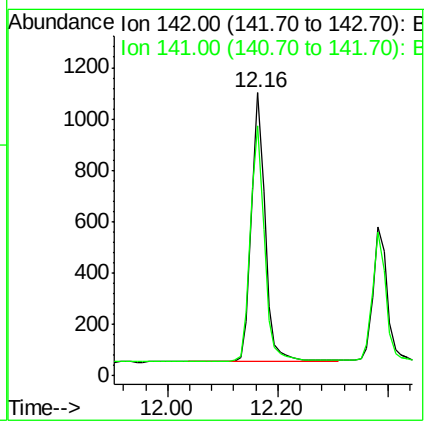
Manual Integrations APPROVED
MMdadoda
12/18/2015 6:23:04 PM

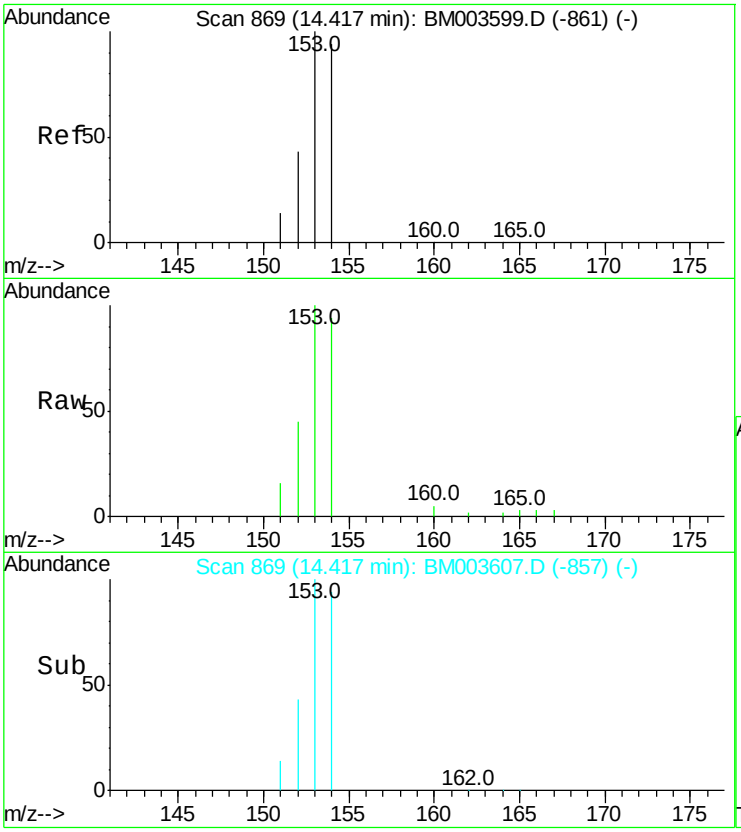


#7
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:142 Resp: 1864

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5

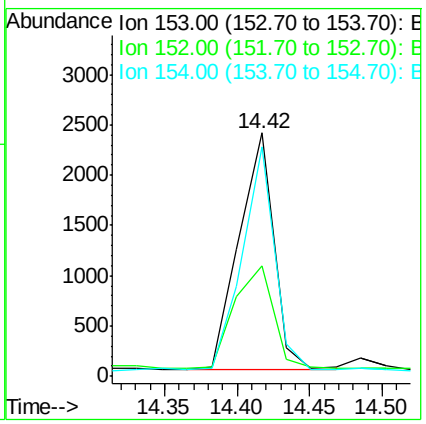




#10
Acenaphthene
Concen: 0.20 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:153 Resp: 3975

Ion	Ratio	Lower	Upper
153	100		
152	45.4	33.9	50.9
154	94.4	80.6	121.0



Instrument :
BNA_M
ClientSampleId :
D9N46DL

Manual Integrations APPROVED
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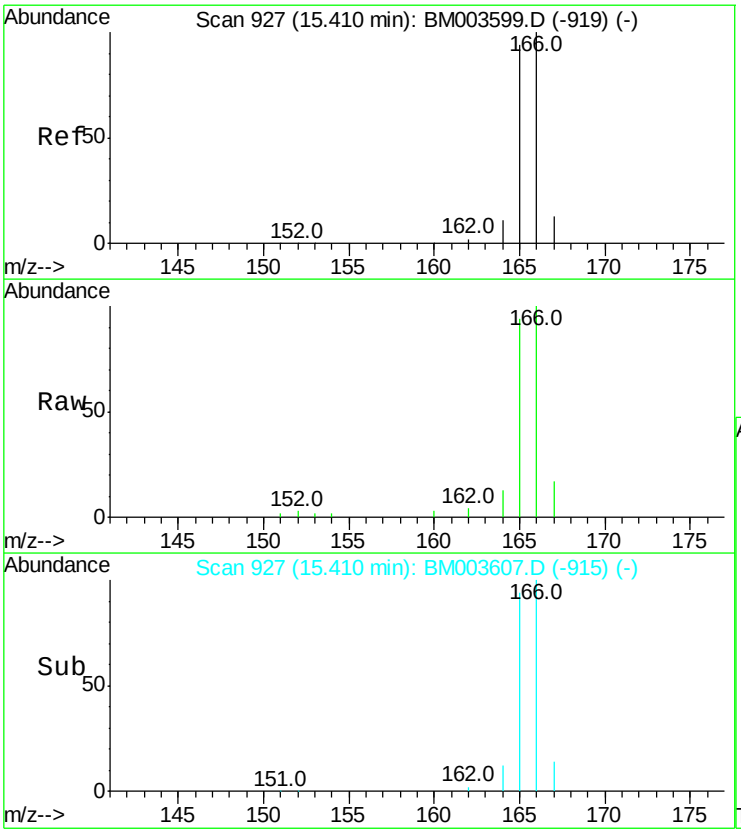
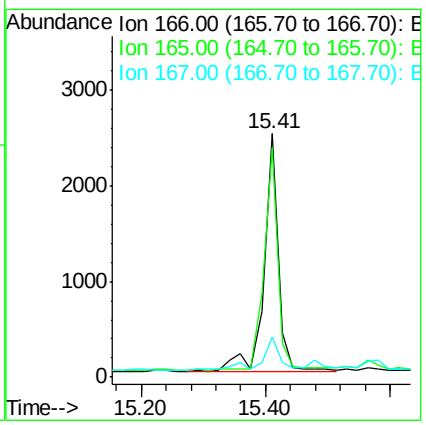
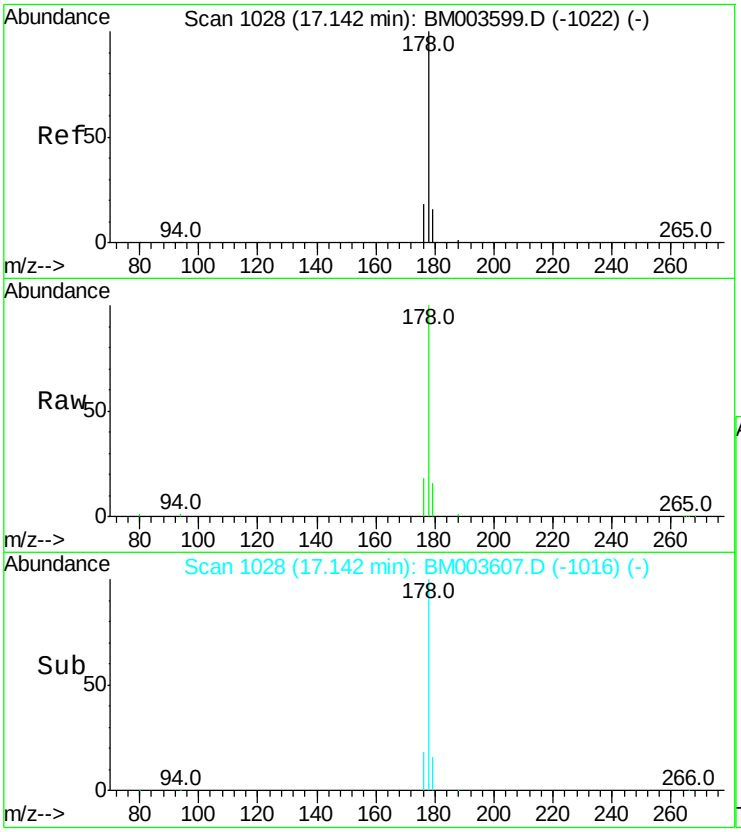


#11
Fluorene
Concen: 0.19 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:166 Resp: 4070

Ion	Ratio	Lower	Upper
166	100		
165	94.3	69.6	104.4
167	16.7	11.9	17.9

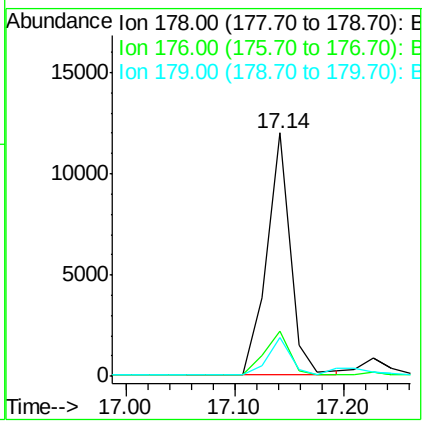




#14
Phenanthrene
Concen: 0.50 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:178 Resp: 18194

Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.0	19.4
179	16.1	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
D9N46DL

Manual Integrations APPROVED
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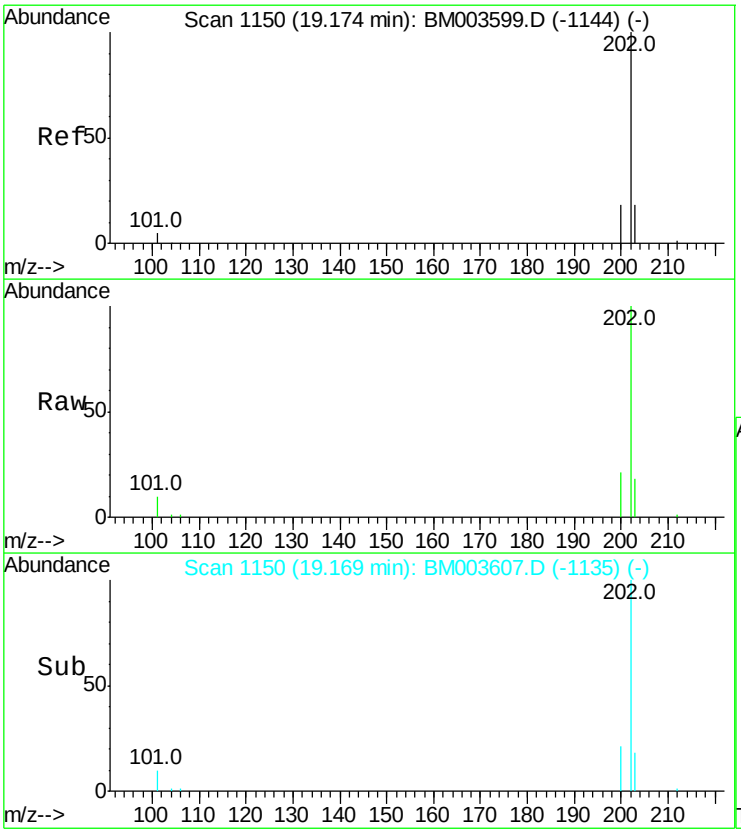
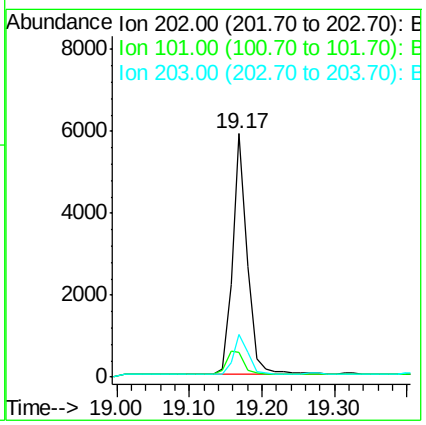
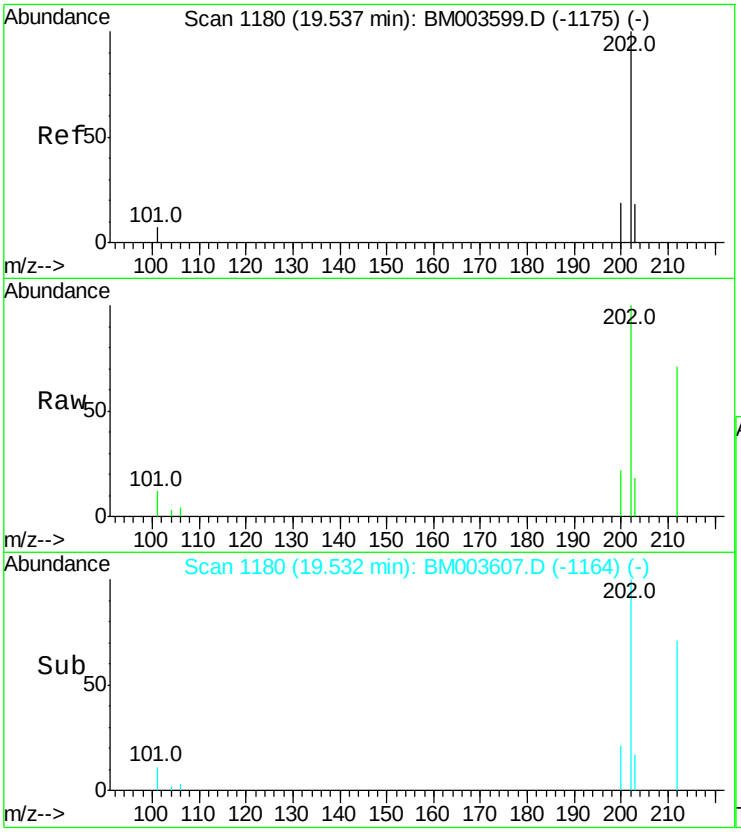


#17
Fluoranthene
Concen: 0.22 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:202 Resp: 8499

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.8	0.0	36.3

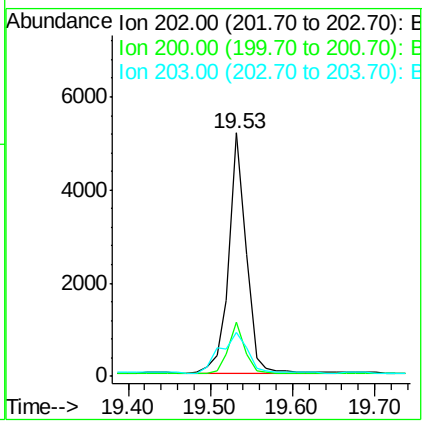




#19
Pyrene
Concen: 0.26 ng/ul
RT: 19.53 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:202 Resp: 7502

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	18.1	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
D9N46DL

Manual Integrations APPROVED
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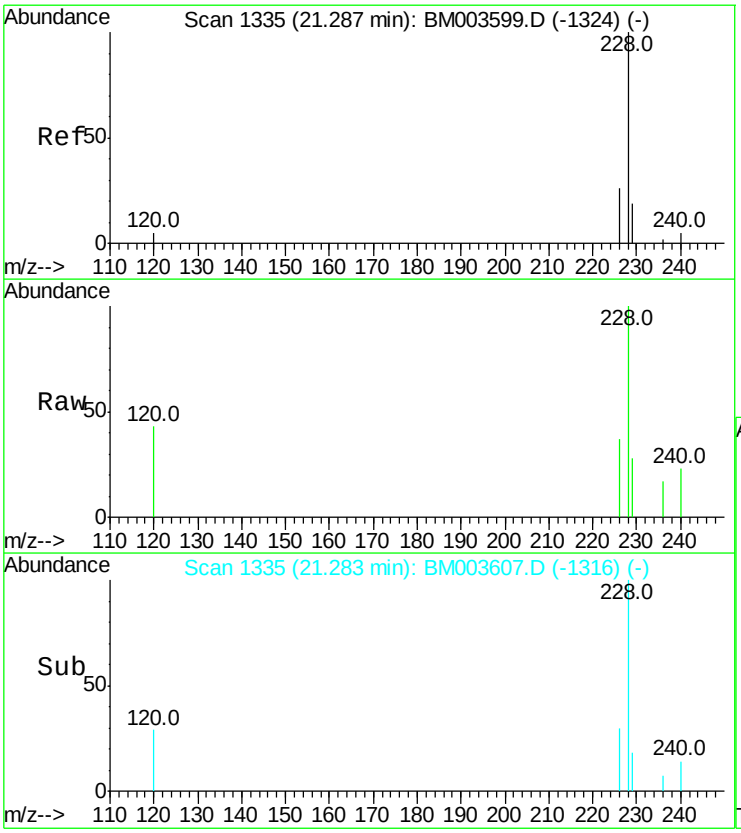
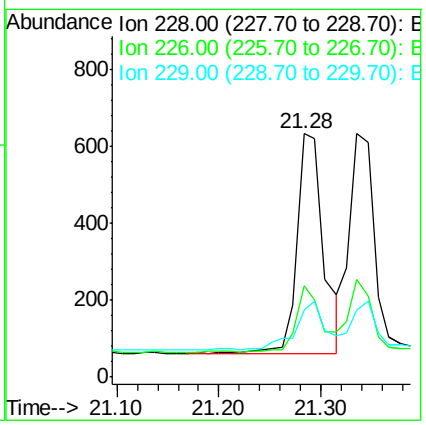
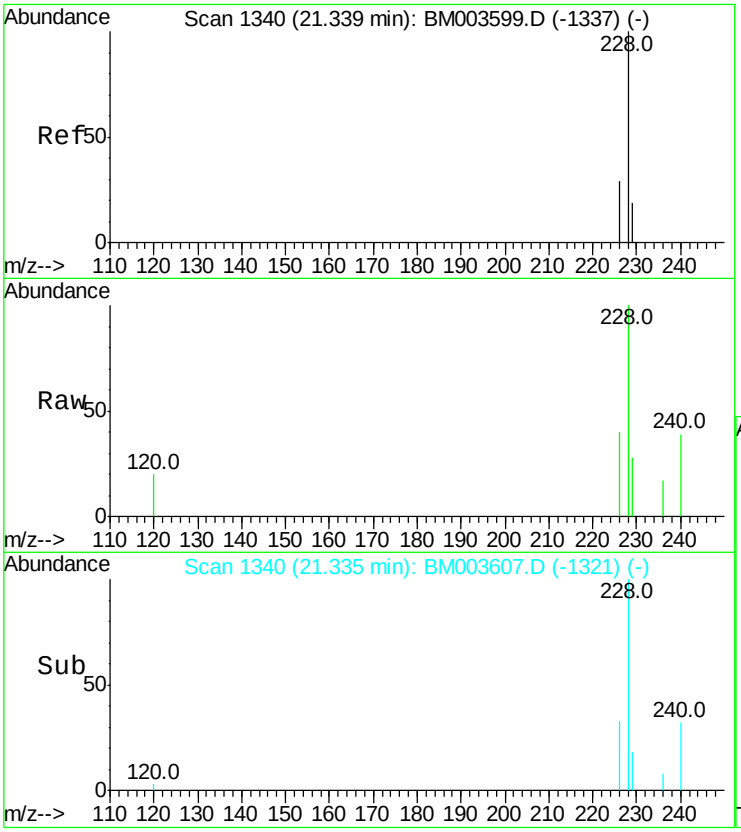


#20
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:228 Resp: 1034

Ion	Ratio	Lower	Upper
228	100		
226	37.4	18.8	28.2#
229	27.8	17.1	25.7#

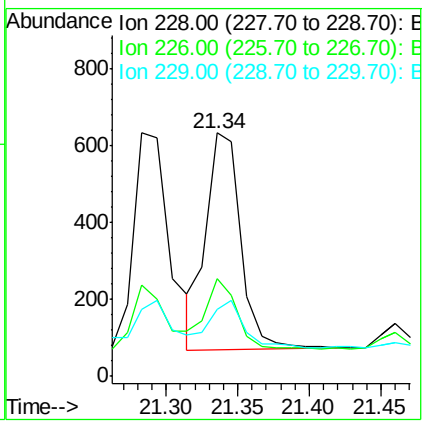




#21
Chrysene
Concen: 0.03 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003607.D
Acq: 17 Dec 2015 19:55

Tgt Ion:228 Resp: 952

Ion	Ratio	Lower	Upper
228	100		
226	40.4	21.2	31.8#
229	27.8	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
D9N46DL

Manual Integrations APPROVED
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