Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008216.D
Acq On : 09 Dec 2016 21:40
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:29 PM

Quant Time: Dec 10 04:54:17 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	635	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2008	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2302m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1704	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1699	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	800	0.28	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2333	0.36	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	6601	1.18	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	5651	1.56	ng/ul	98
8) Acenaphthene	14.38	153	1637	0.37	ng/ul	92
9) Fluorene	15.38	166	5027	0.98	ng/ul#	83
12) Phenanthrene	17.11	178	2419m	0.34	ng/ul	
15) Fluoranthene	19.14	202	964m	0.10	ng/ul	
17) Pyrene	19.51	202	1128	0.19	ng/ul#	73

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

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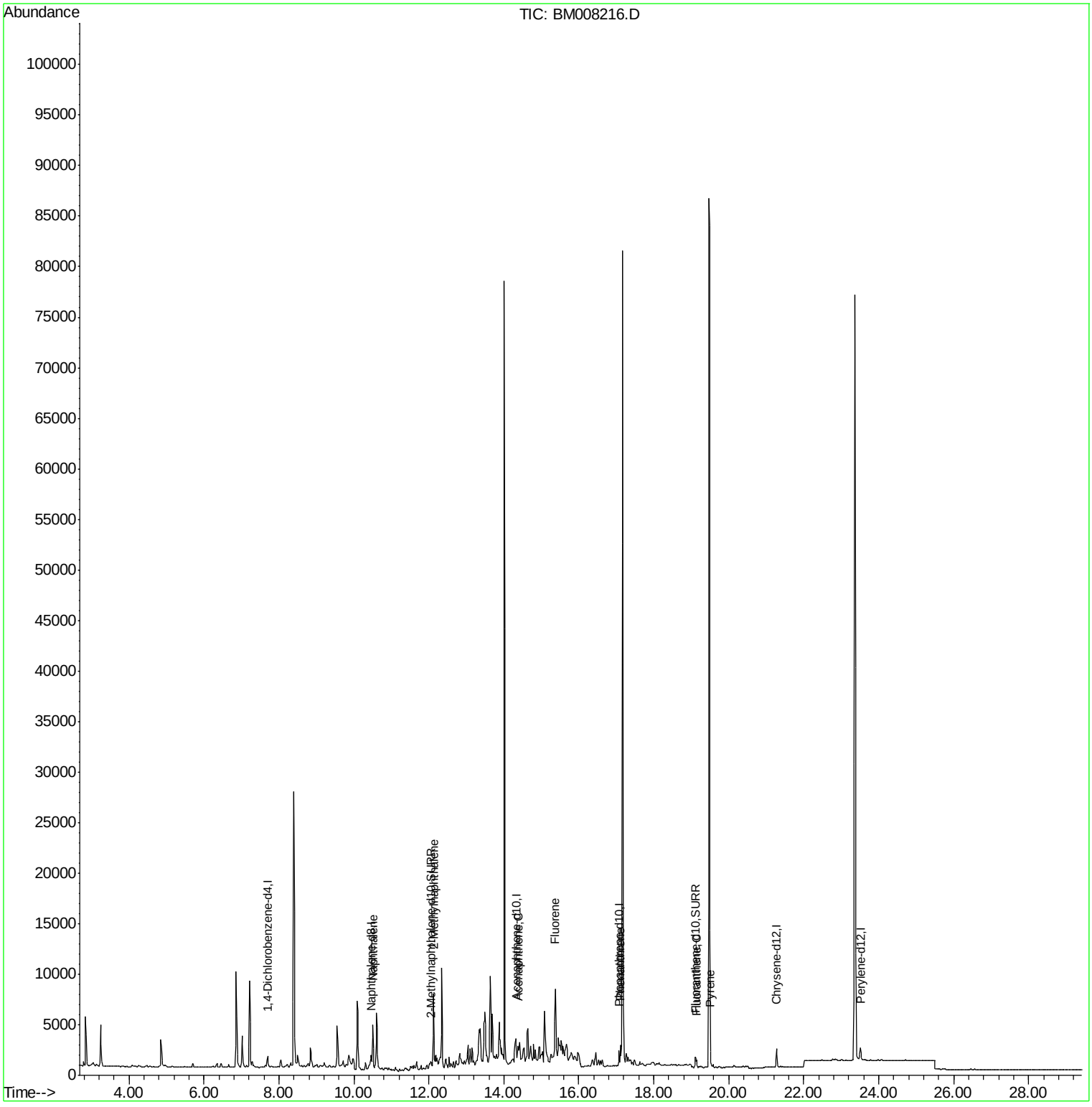
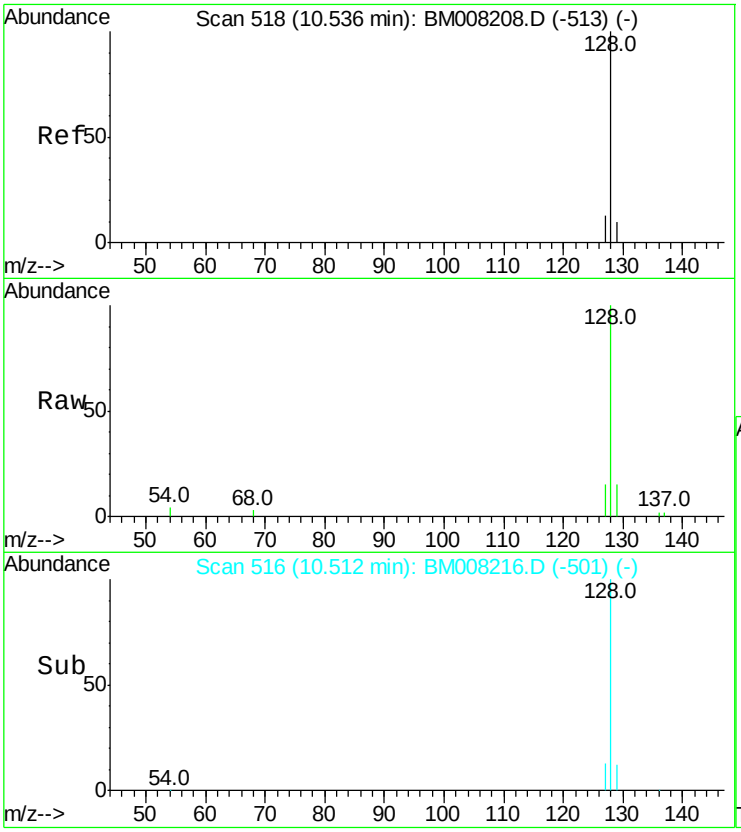
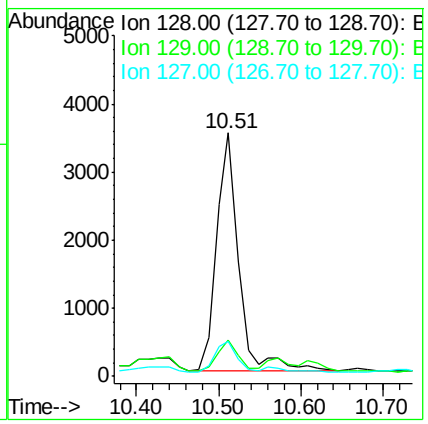




#3
Naphthalene
Concen: 1.18 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.02 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:128 Resp: 6601

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	14.5	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
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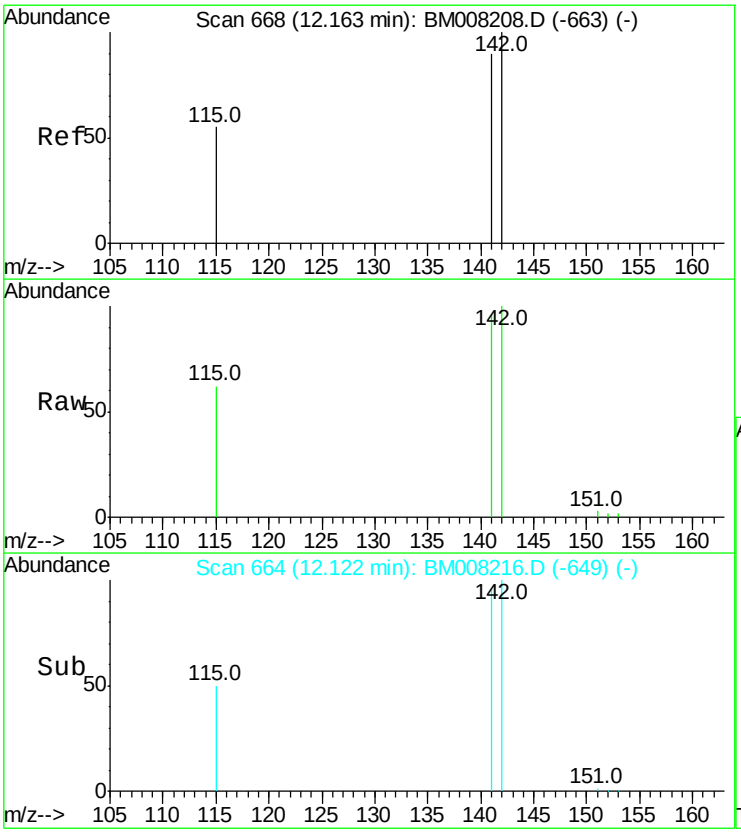
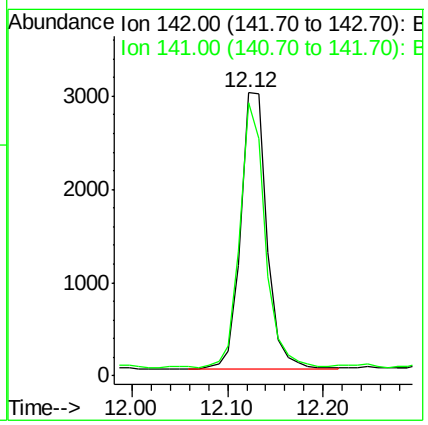
12/12/2016 6:49:29 PM

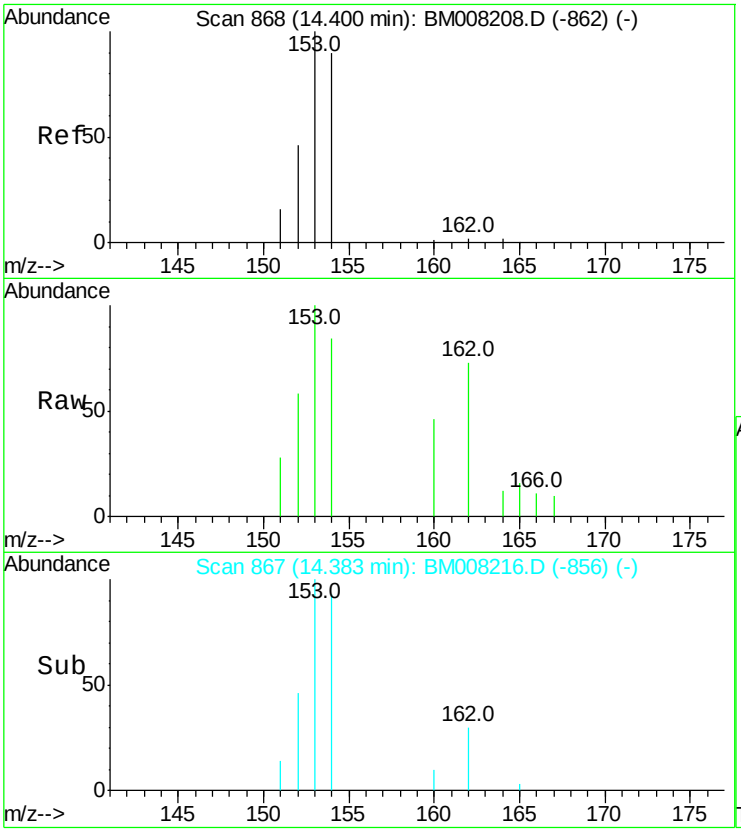


#5
2-Methylnaphthalene
Concen: 1.56 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.04 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:142 Resp: 5651

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8

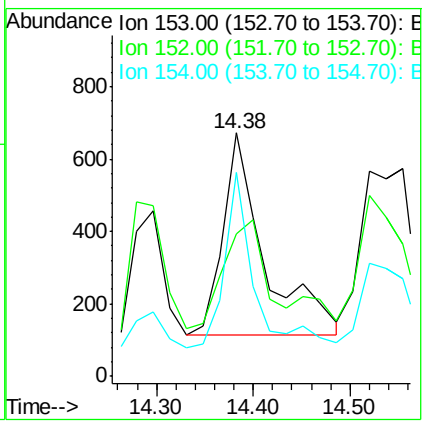




#8
Acenaphthene
Concen: 0.37 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:153 Resp: 1637

Ion	Ratio	Lower	Upper
153	100		
152	58.5	40.3	60.5
154	83.9	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA7Z0

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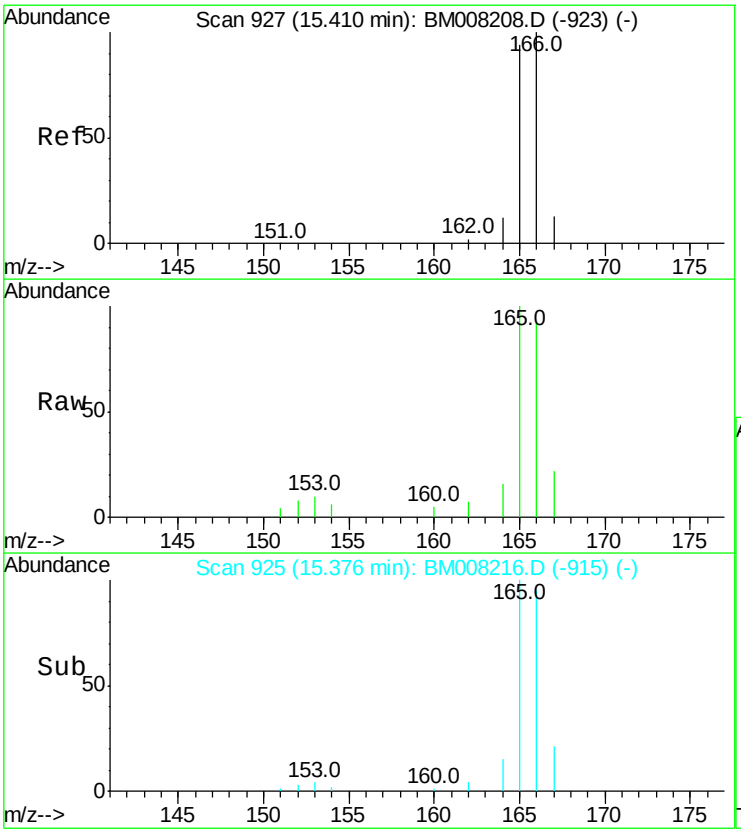
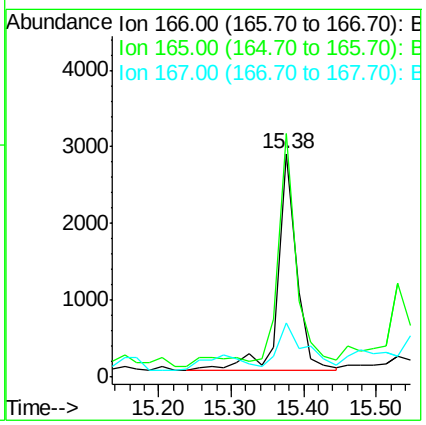
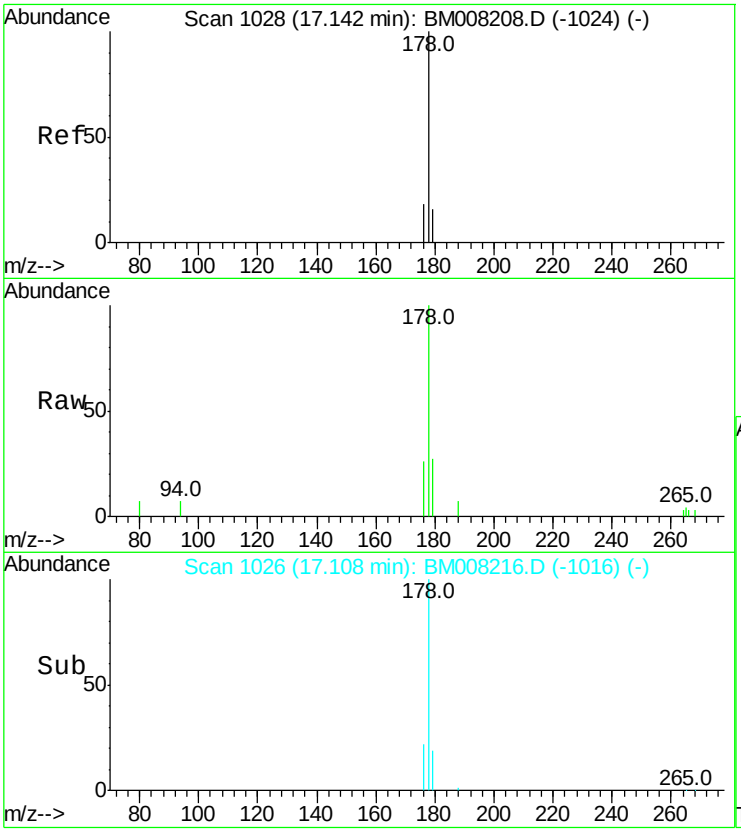


#9
Fluorene
Concen: 0.98 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:166 Resp: 5027

Ion	Ratio	Lower	Upper
166	100		
165	109.1	73.4	110.2
167	24.1	14.6	22.0#

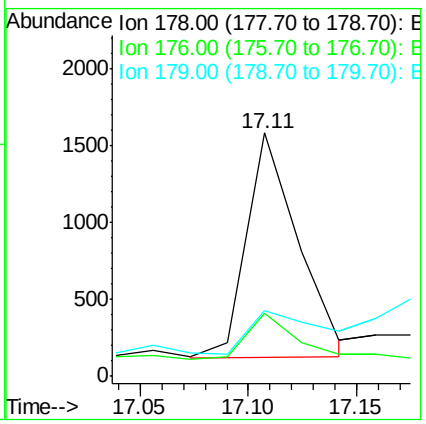




#12
Phenanthrene
Concen: 0.34 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:178 Resp: 2419

Ion	Ratio	Lower	Upper
178	100		
176	26.0	18.4	27.6
179	27.2	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
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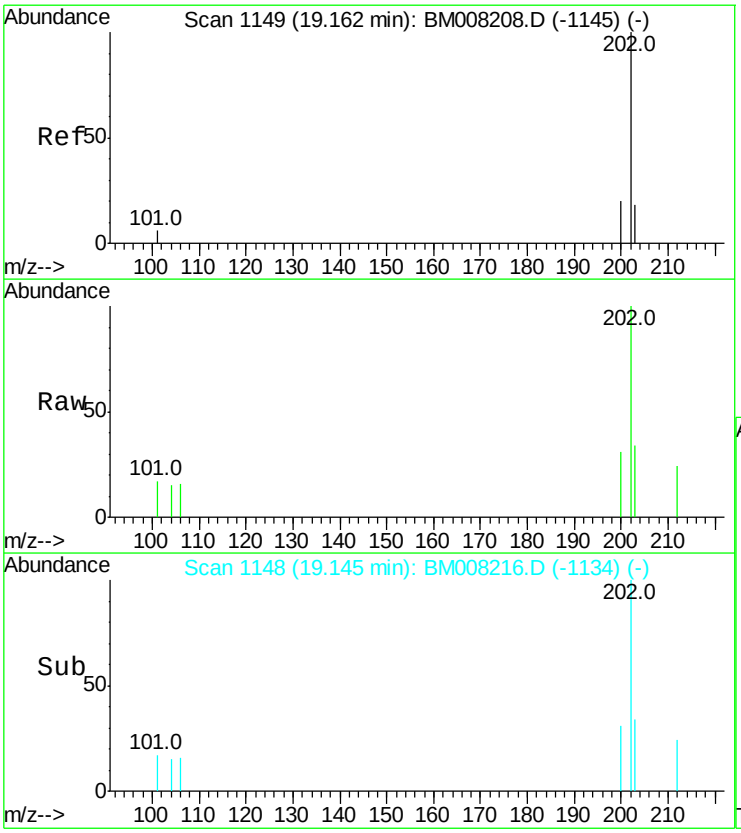
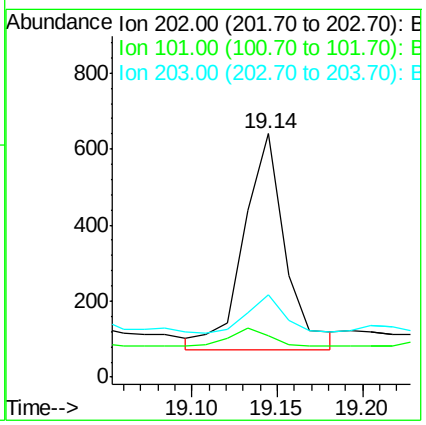
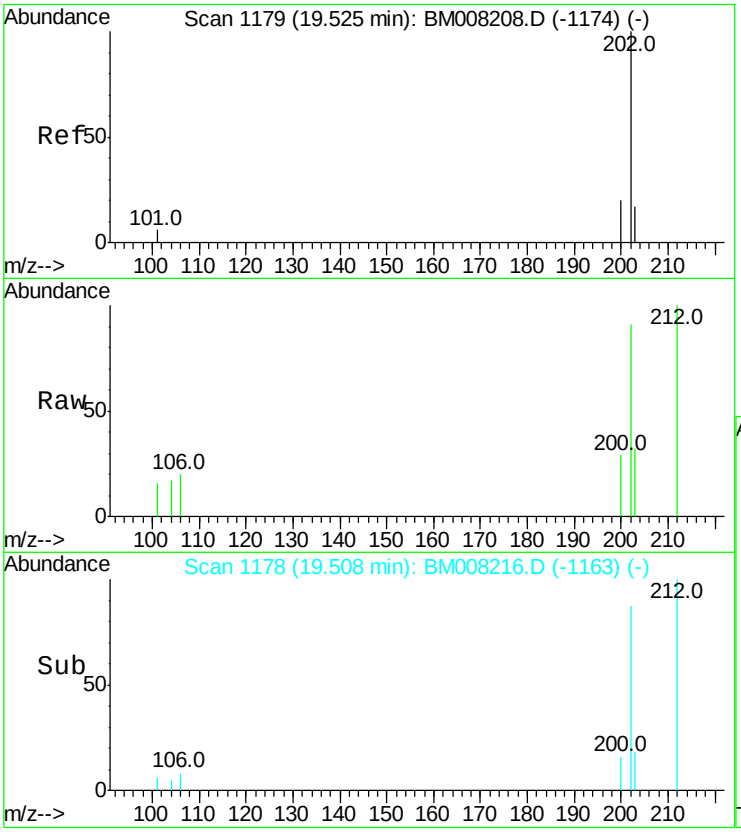


#15
Fluoranthene
Concen: 0.10 ng/ul m
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:202 Resp: 964

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	30.3
203	34.0	0.0	39.5

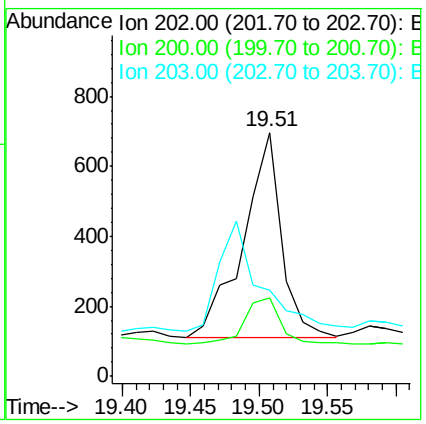




#17
Pyrene
Concen: 0.19 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008216.D
Acq: 09 Dec 2016 21:40

Tgt Ion:202 Resp: 1128

Ion	Ratio	Lower	Upper
202	100		
200	32.2	18.2	27.4#
203	35.3	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations APPROVED
UMANGI
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