Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008211.D
Acq On : 09 Dec 2016 18:40
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:27 PM

Quant Time: Dec 10 03:49:39 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 00:42:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	573	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1883	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1977	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2000m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1541	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1534	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1018	0.38	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2284	0.40	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.51	128	204466	38.83	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	286061	84.27	ng/ul	99
8) Acenaphthene	14.38	153	16194	2.38	ng/ul	97
9) Fluorene	15.38	166	36844	4.71	ng/ul#	83
12) Phenanthrene	17.11	178	11863	1.90	ng/ul	97
15) Fluoranthene	19.14	202	1160m	0.14	ng/ul	
17) Pyrene	19.50	202	1472	0.28	ng/ul#	67

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

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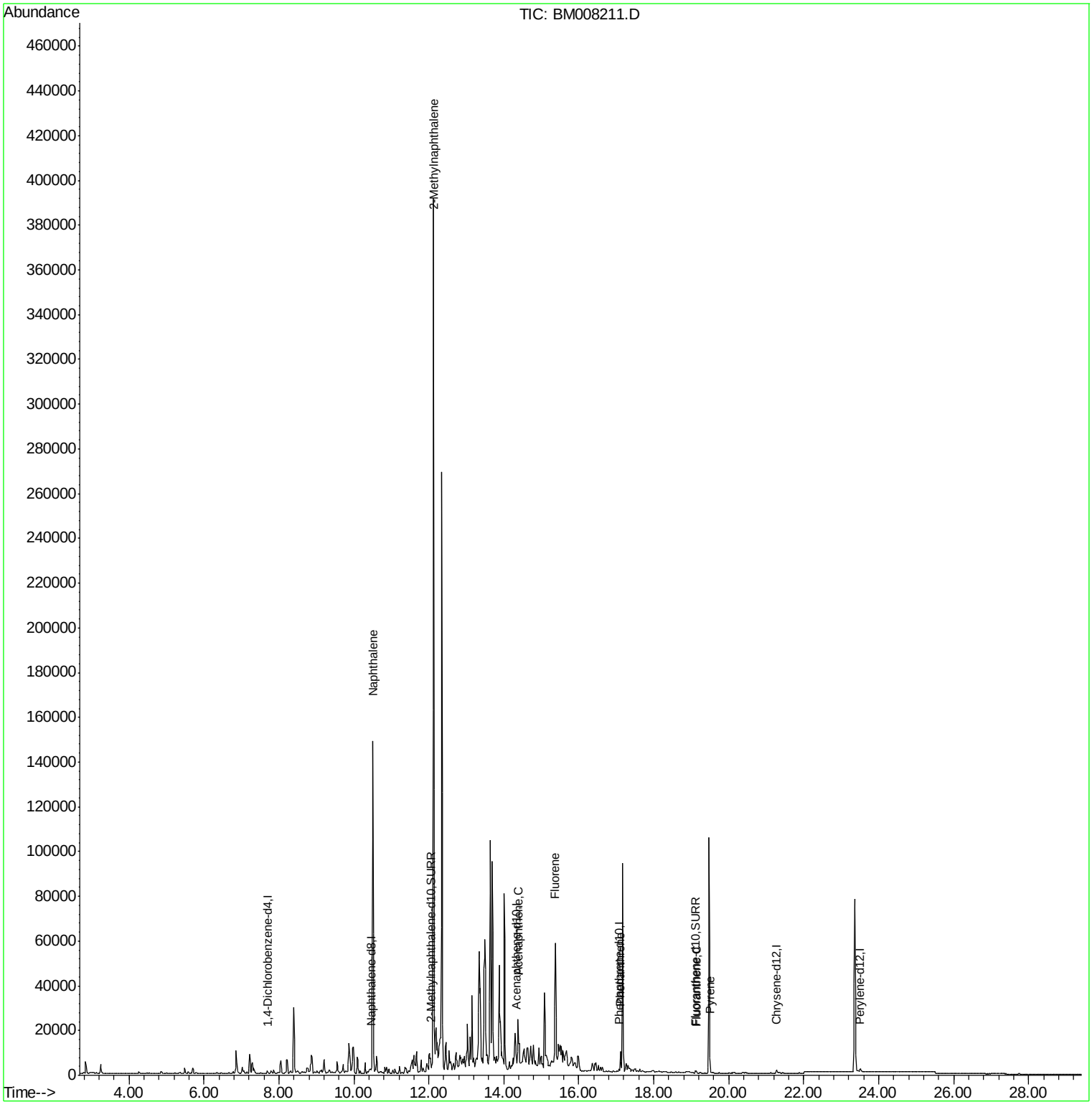
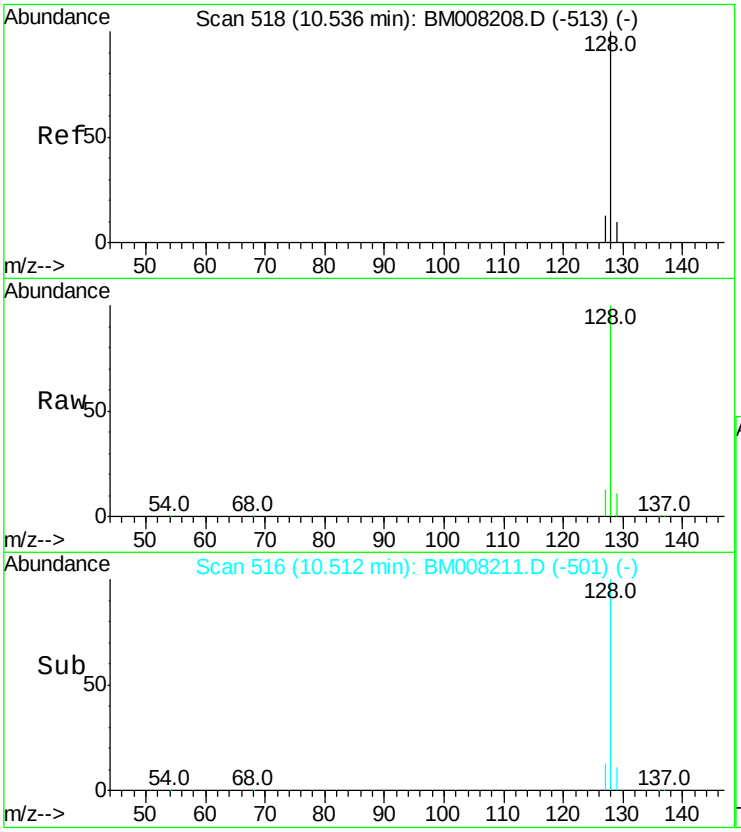
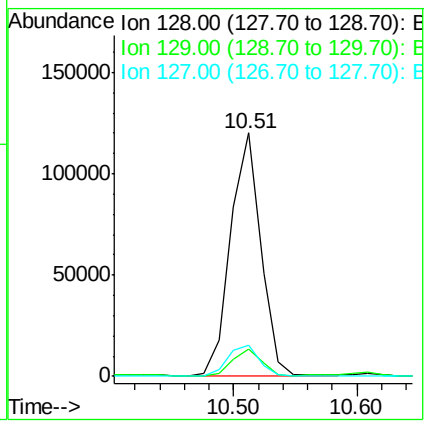




#3
Naphthalene
Concen: 38.83 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:128 Resp: 204466

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	12.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7Y3

Manual Integrations APPROVED
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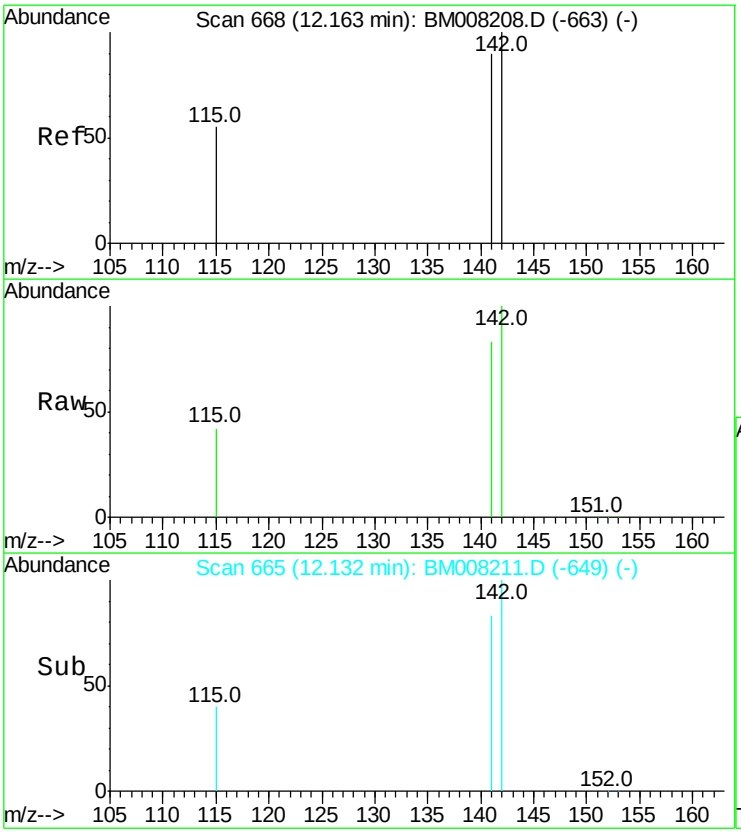
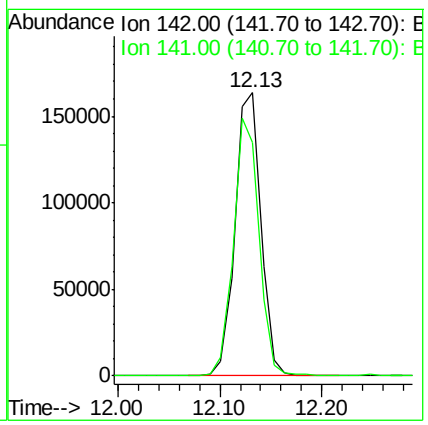
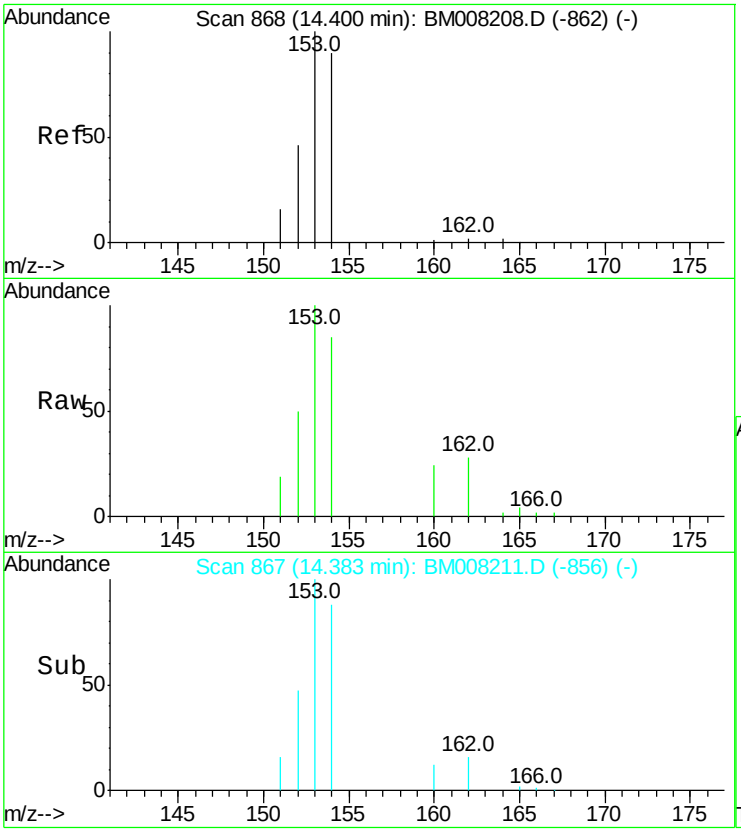


#5
2-Methylnaphthalene
Concen: 84.27 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.03 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:142 Resp: 286061

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8

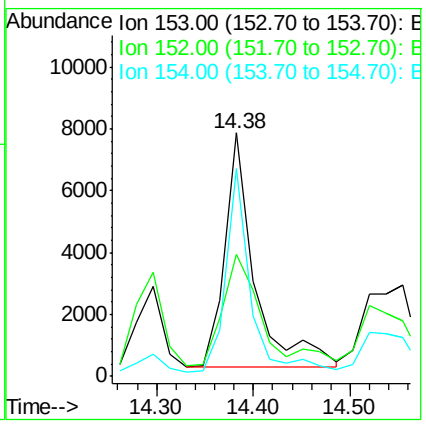




#8
Acenaphthene
Concen: 2.38 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:153 Resp: 16194

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.3	60.5
154	85.2	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA7Y3

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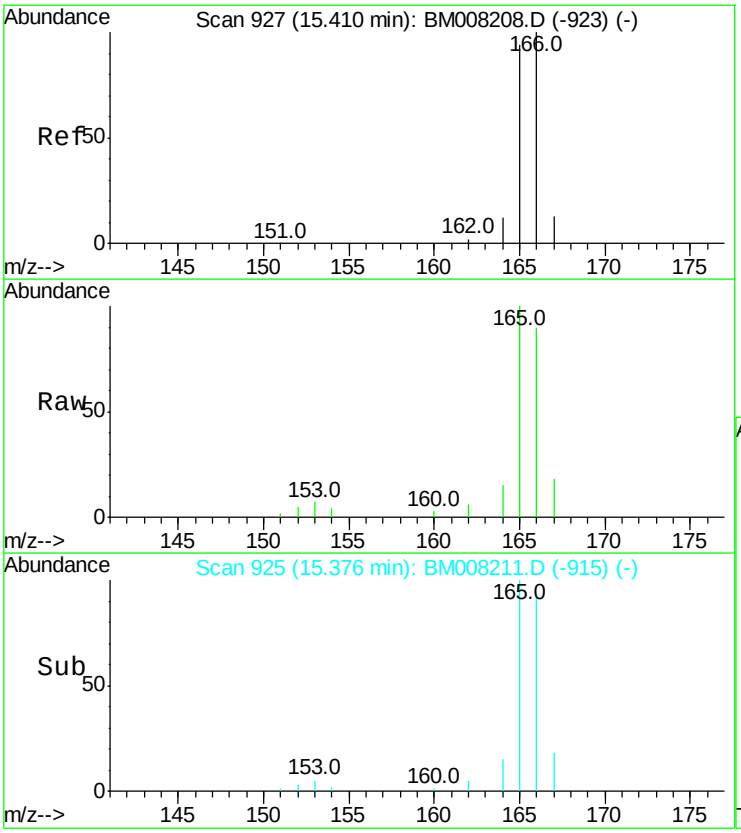
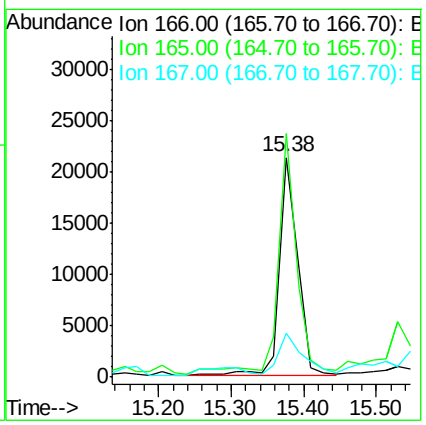
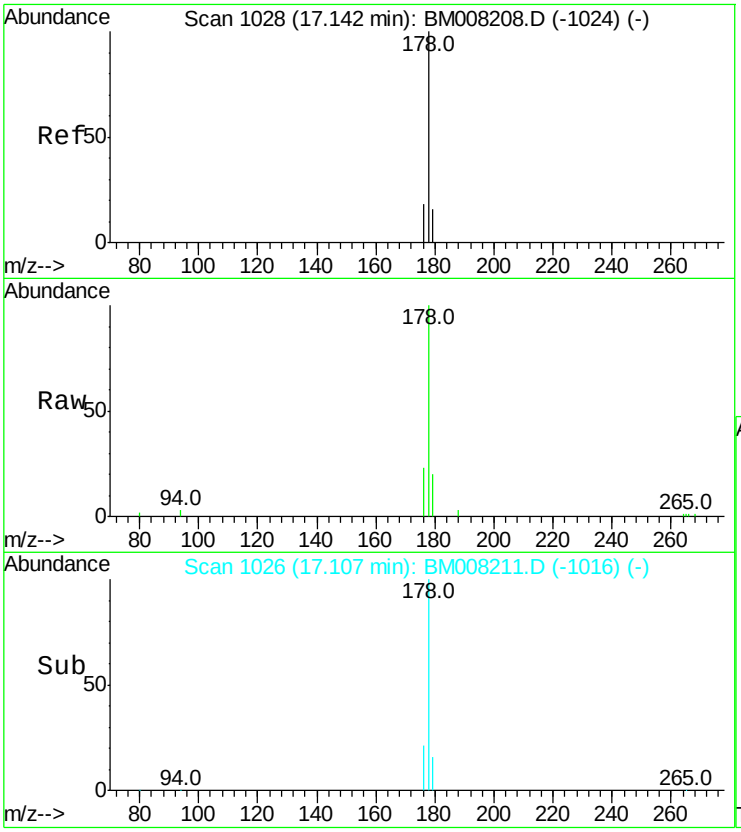


#9
Fluorene
Concen: 4.71 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:166 Resp: 36844

Ion	Ratio	Lower	Upper
166	100		
165	110.7	73.4	110.2#
167	20.3	14.6	22.0

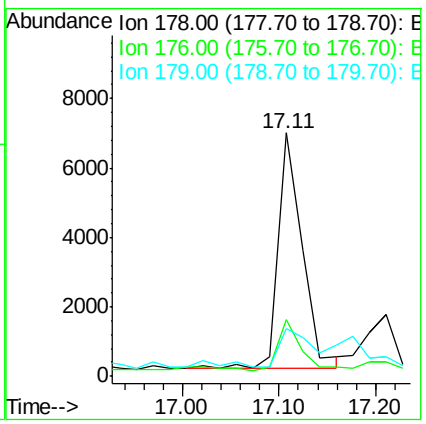




#12
Phenanthrene
Concen: 1.90 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:178 Resp: 11863

Ion	Ratio	Lower	Upper
178	100		
176	23.3	18.4	27.6
179	19.7	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
DA7Y3

Manual Integrations APPROVED
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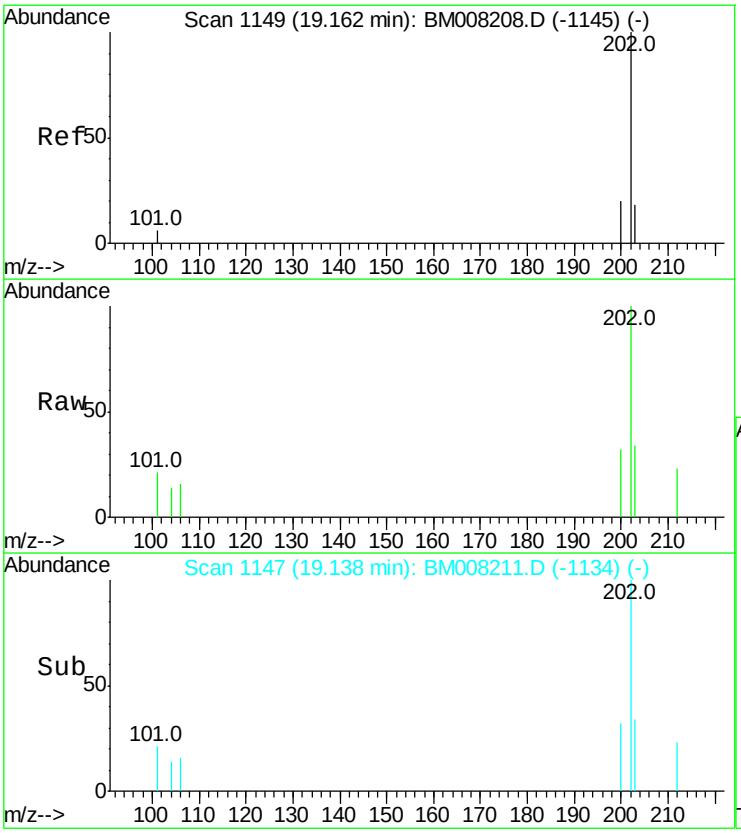
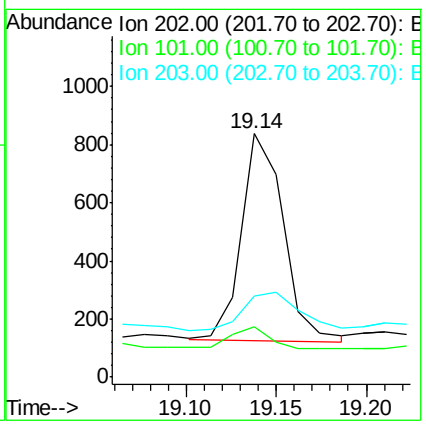
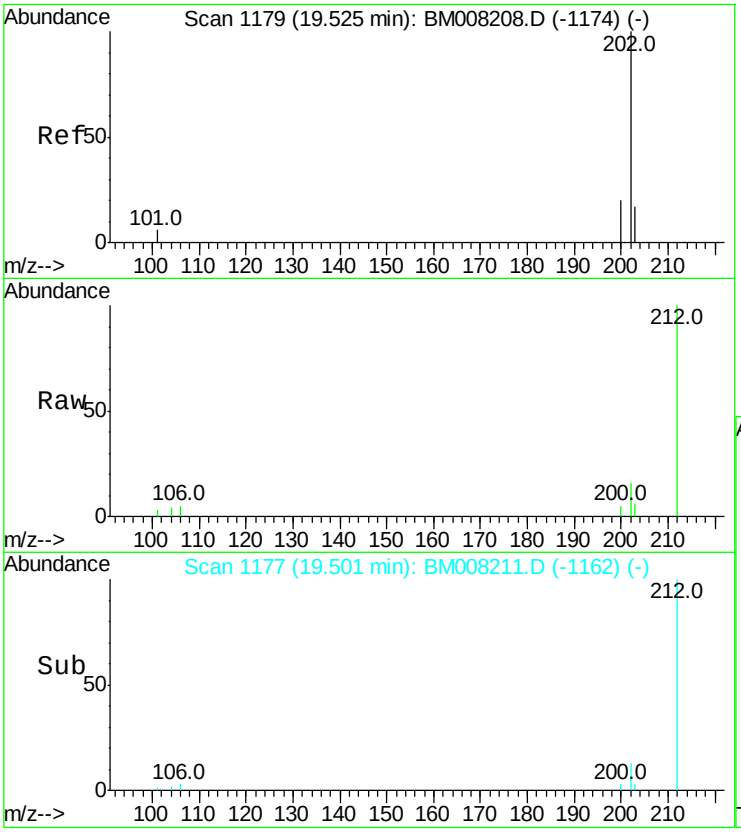


#15
Fluoranthene
Concen: 0.14 ng/ul m
RT: 19.14 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:202 Resp: 1160

Ion	Ratio	Lower	Upper
202	100		
101	20.8	0.0	30.3
203	33.5	0.0	39.5

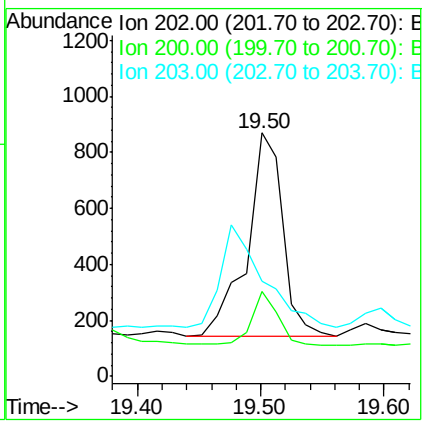




#17
Pyrene
Concen: 0.28 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:202 Resp: 1472

Ion	Ratio	Lower	Upper
202	100		
200	34.8	18.2	27.4#
203	39.2	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA7Y3

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:27 PM