Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008228.D
Acq On : 10 Dec 2016 12:39
Operator : UM/SJ
Sample : H5863-04DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y3DL

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:15 PM

Quant Time: Dec 12 03:04:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1876	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1161	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1791	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1655	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1730	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	169	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.12	212	307m	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.51	128	35138	6.70	ng/ul	93
5) 2-Methylnaphthalene	12.12	142	48512	14.35	ng/ul	99
8) Acenaphthene	14.38	153	2716	0.68	ng/ul	99
9) Fluorene	15.38	166	6303	1.37	ng/ul	85
12) Phenanthrene	17.11	178	2201	0.39	ng/ul#	90
15) Fluoranthene	19.14	202	238m	0.03	ng/ul	
17) Pyrene	19.51	202	299	0.05	ng/ul#	41

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

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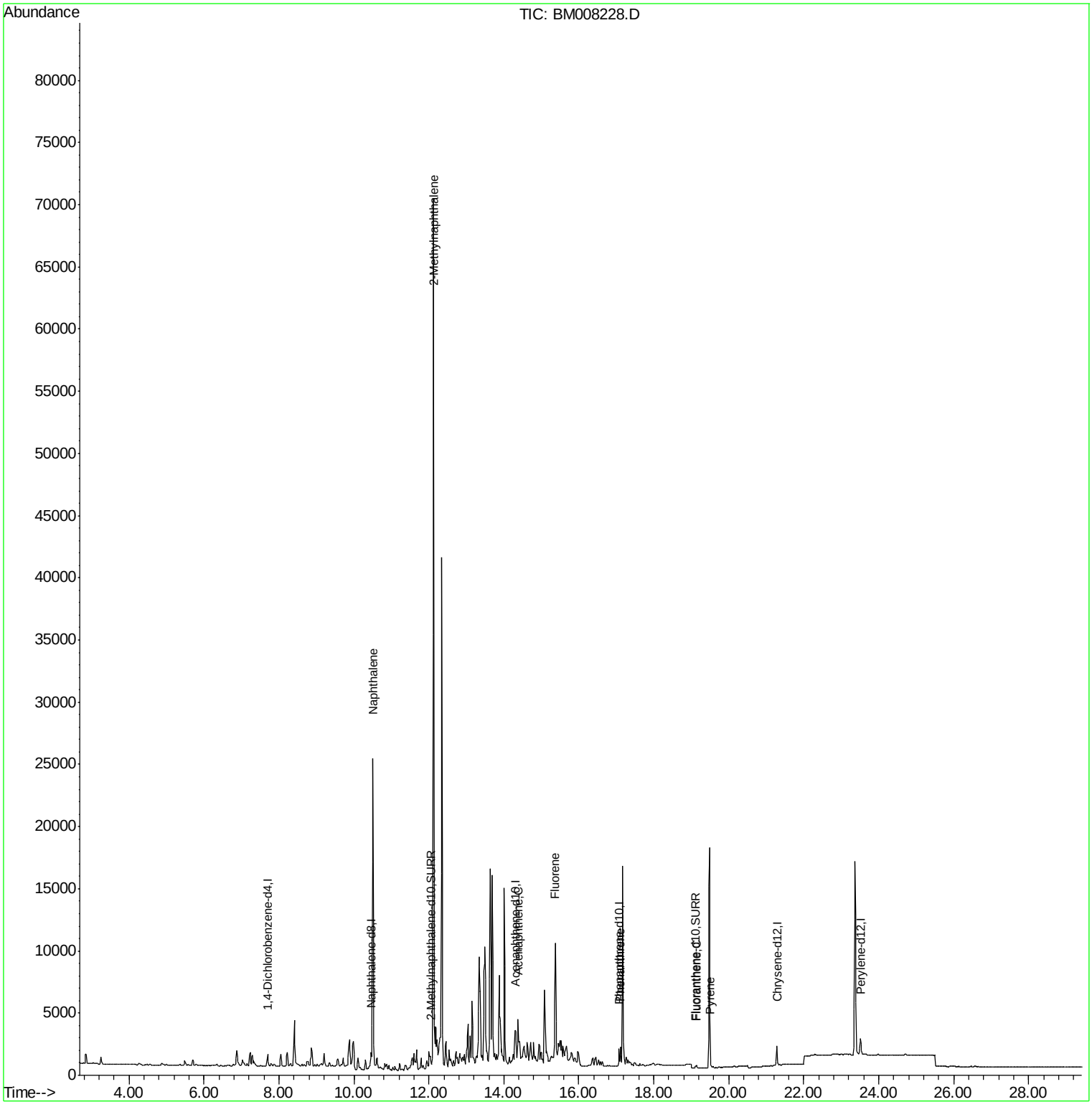
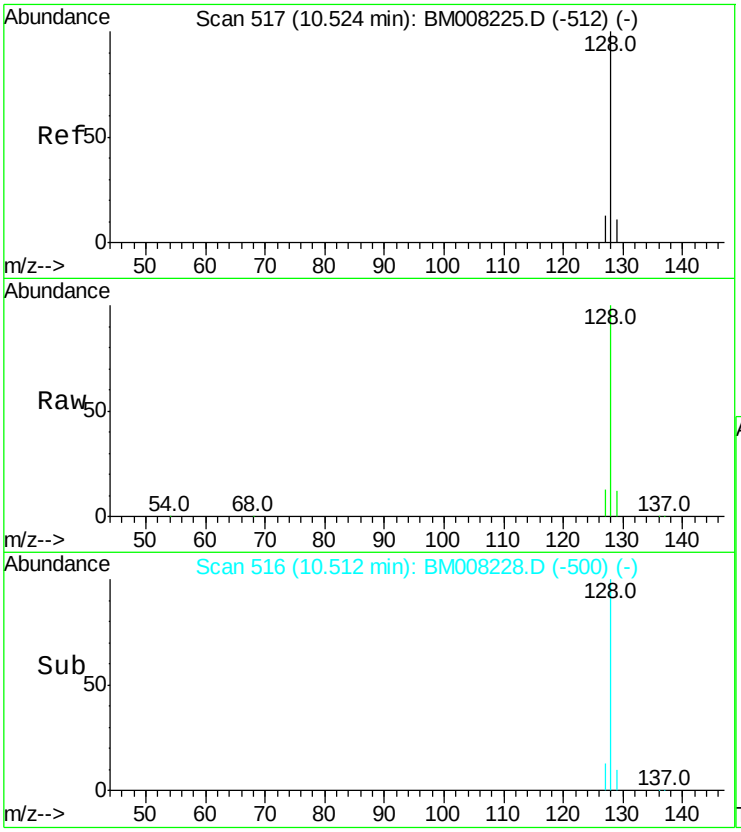
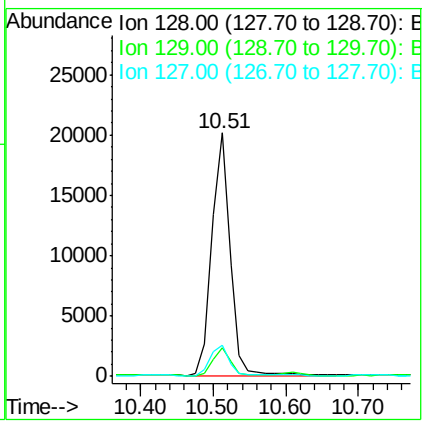




#3
Naphthalene
Concen: 6.70 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.01 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

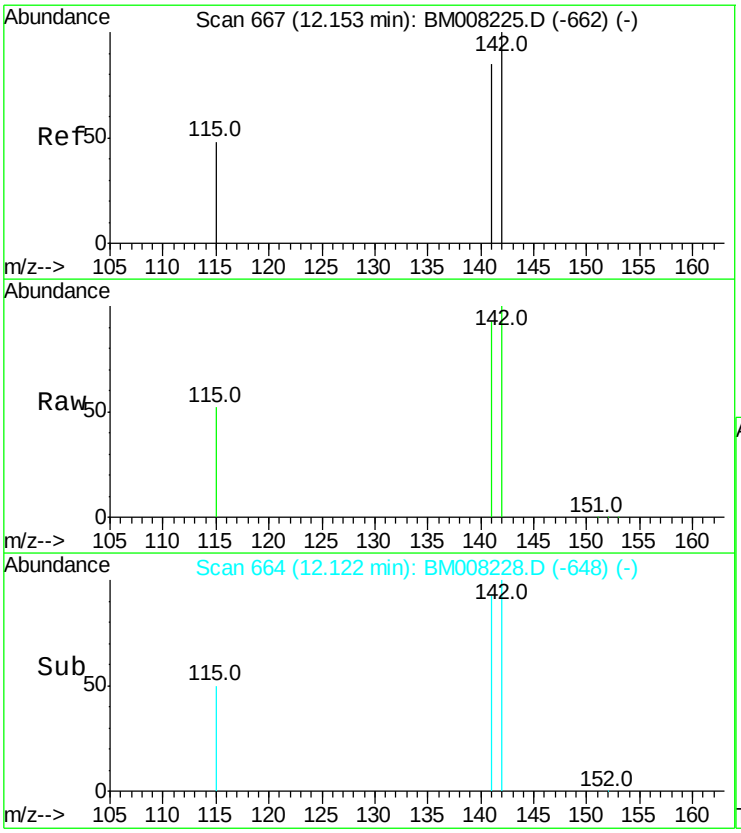
Tgt Ion:128 Resp: 35138

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	13.0	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7Y3DL

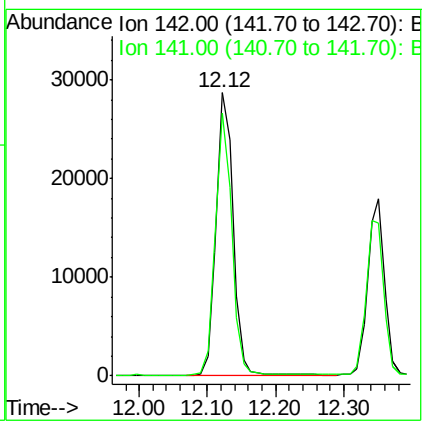
Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:15 PM

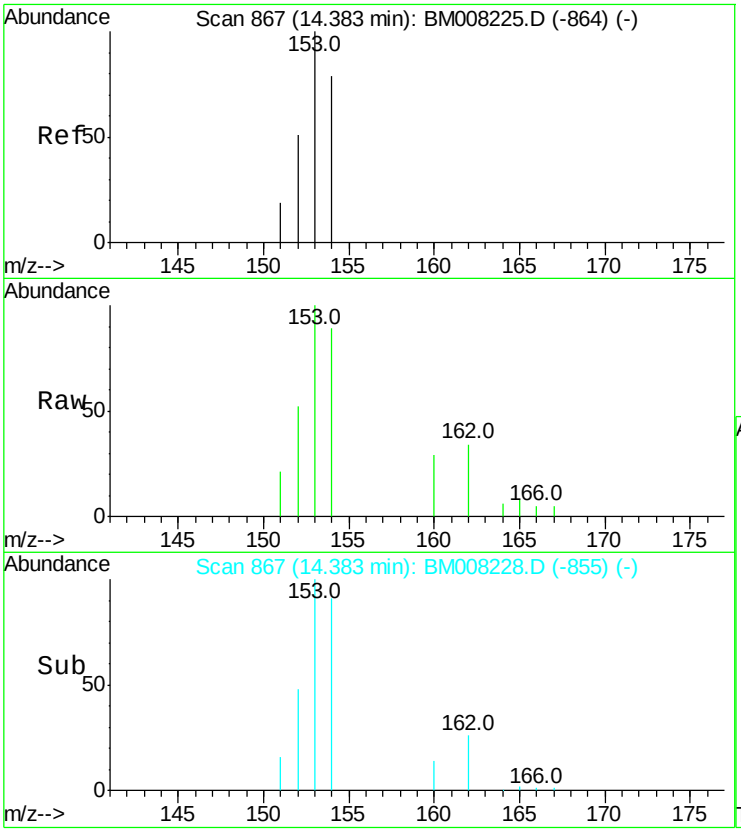


#5
2-Methylnaphthalene
Concen: 14.35 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.03 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:142 Resp: 48512

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

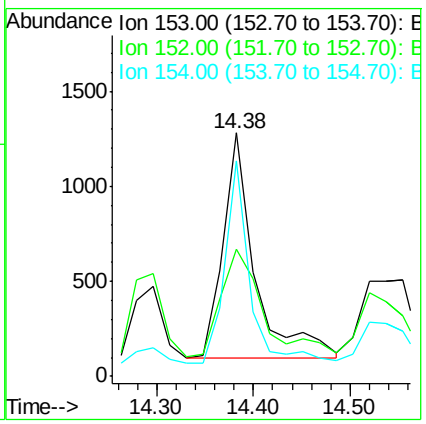




#8
Acenaphthene
Concen: 0.68 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:153 Resp: 2716

Ion	Ratio	Lower	Upper
153	100		
152	52.1	40.3	60.5
154	88.7	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA7Y3DL

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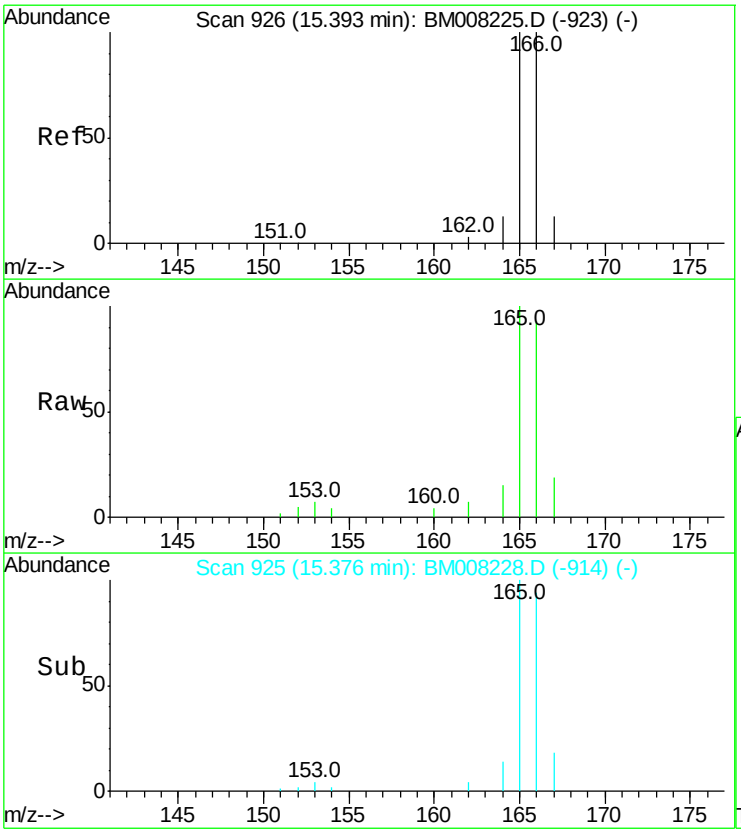
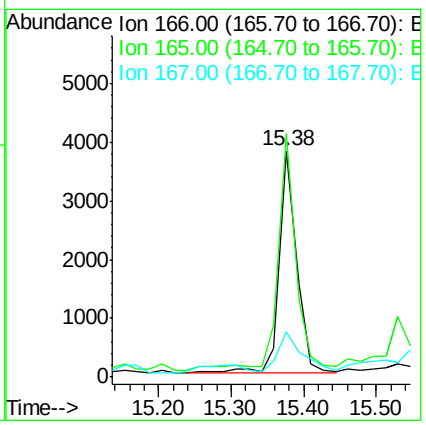
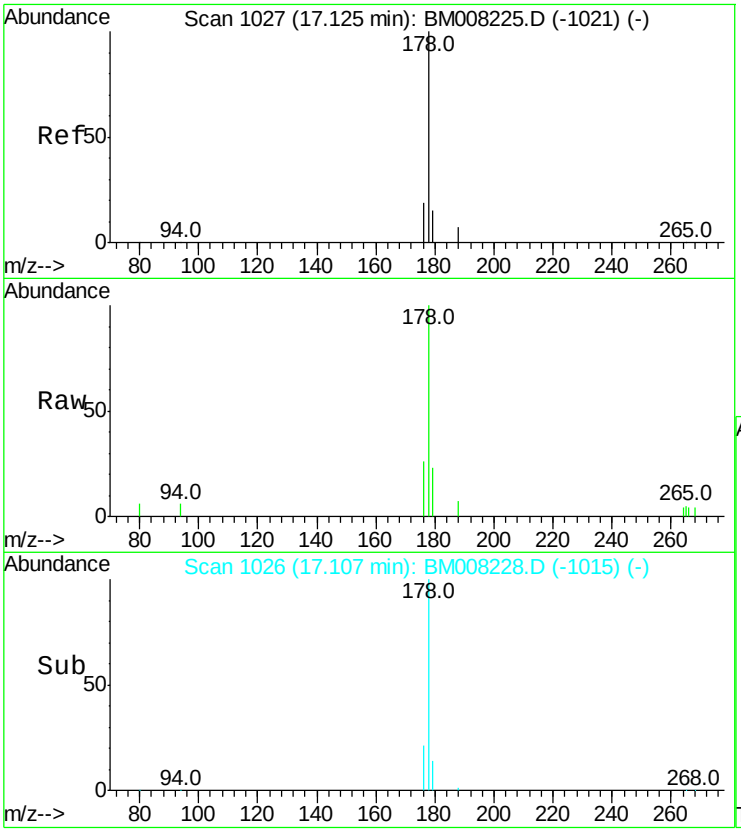


#9
Fluorene
Concen: 1.37 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:166 Resp: 6303

Ion	Ratio	Lower	Upper
166	100		
165	107.8	73.4	110.2
167	20.3	14.6	22.0





#12
Phenanthrene
Concen: 0.39 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:178 Resp: 2201

Ion	Ratio	Lower	Upper
178	100		
176	26.1	18.4	27.6
179	23.3	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
DA7Y3DL

Manual Integrations APPROVED
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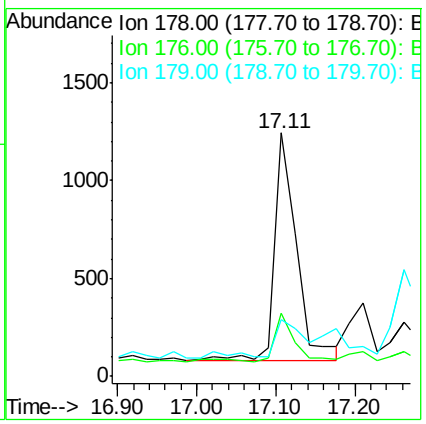
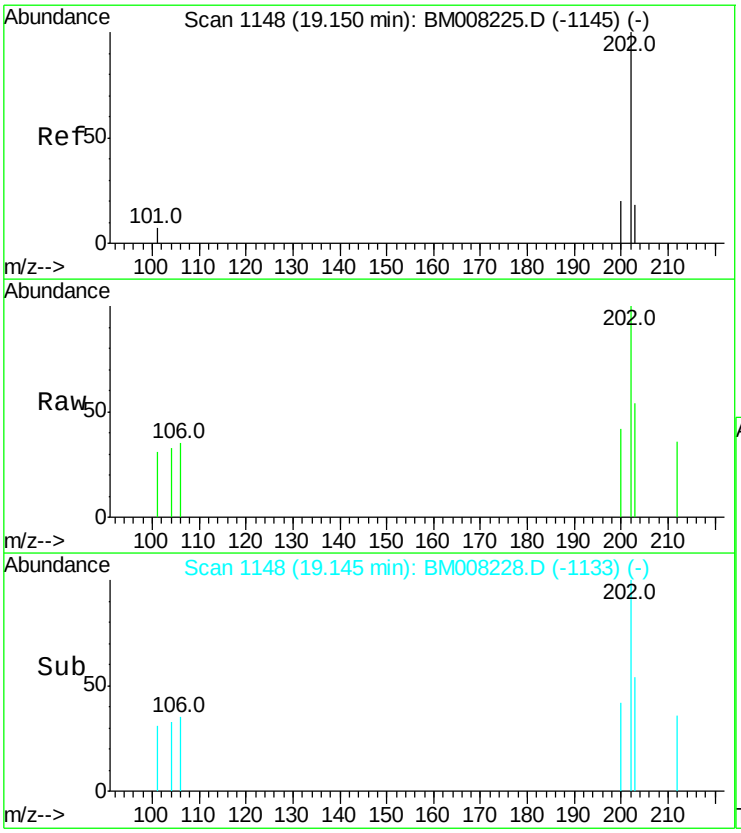
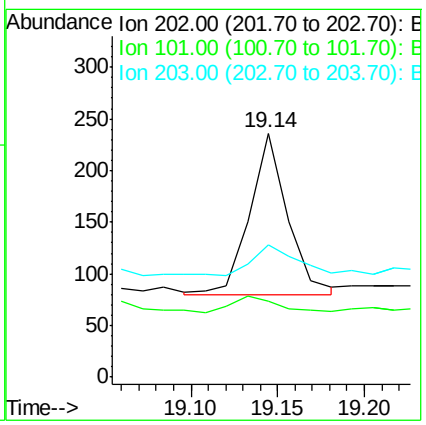


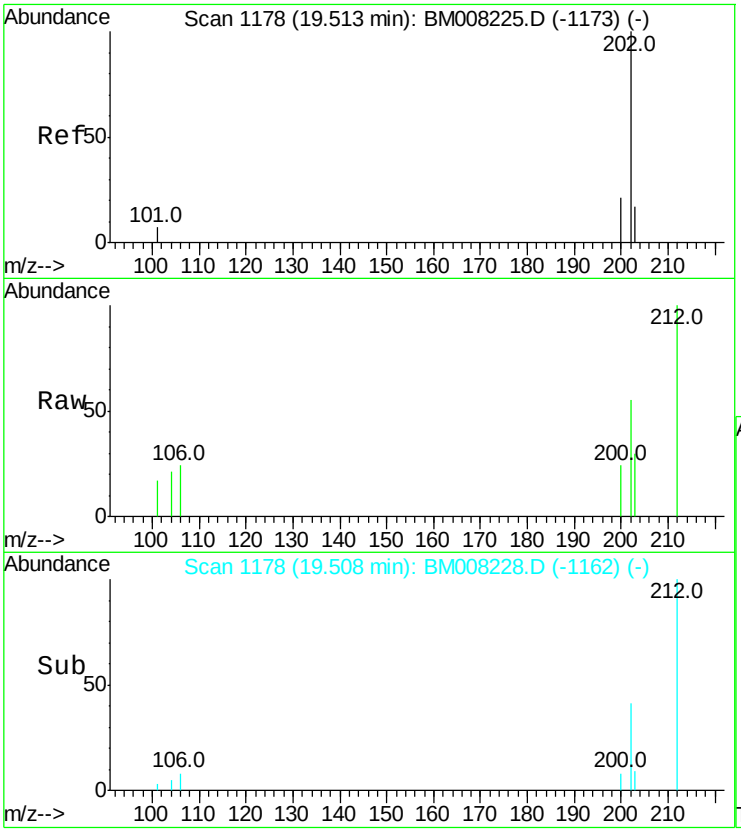


#15
Fluoranthene
Concen: 0.03 ng/ul m
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:202 Resp: 238

Ion	Ratio	Lower	Upper
202	100		
101	31.4	0.0	30.3#
203	54.2	0.0	39.5#

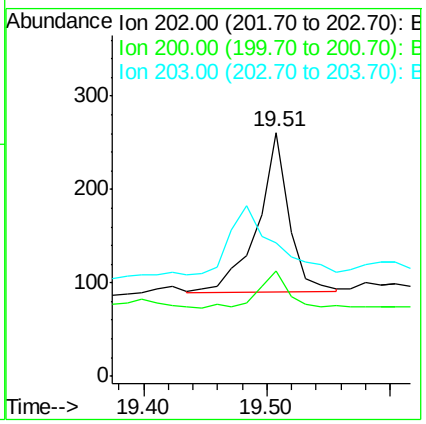




#17
Pyrene
Concen: 0.05 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion:202 Resp: 299

Ion	Ratio	Lower	Upper
202	100		
200	43.3	18.2	27.4#
203	54.8	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA7Y3DL

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