Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008564.D
Acq On : 22 Dec 2016 20:14
Operator : UM/SJ
Sample : H5938-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA827DL

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Quant Time: Dec 23 05:00:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 04:12:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	400	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1346	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	802	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1438	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1380	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1424	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	95	0.05	ng/ul	-0.05
14) Fluoranthene-d10	19.10	212	245m	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	7442	1.97	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	12690	4.98	ng/ul	100
8) Acenaphthene	14.35	153	968	0.35	ng/ul	96
9) Fluorene	15.34	166	2116	0.68	ng/ul#	75
12) Phenanthrene	17.09	178	1138	0.26	ng/ul#	84
15) Fluoranthene	19.12	202	245m	0.05	ng/ul	
17) Pyrene	19.48	202	277	0.05	ng/ul#	47

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

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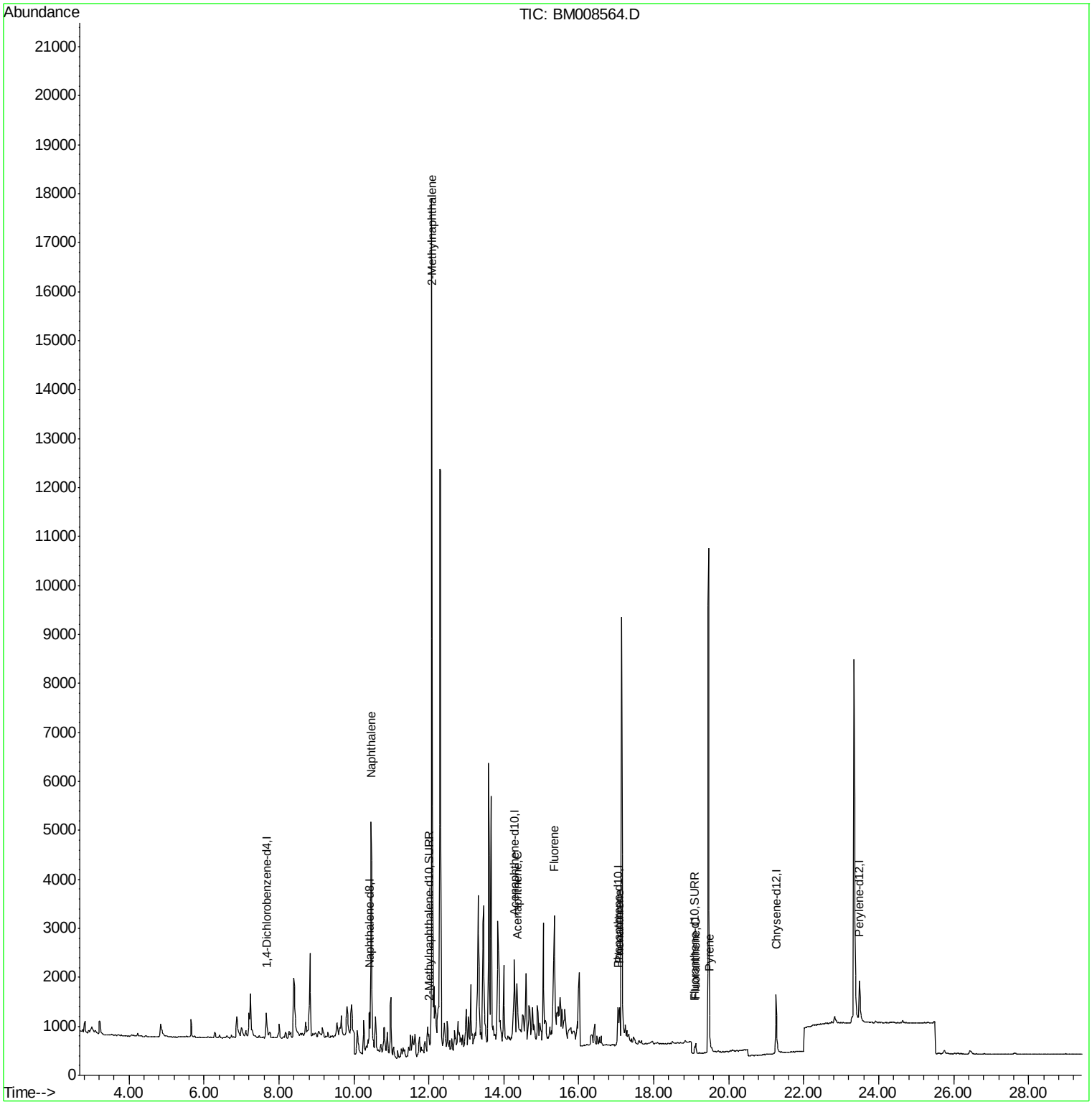
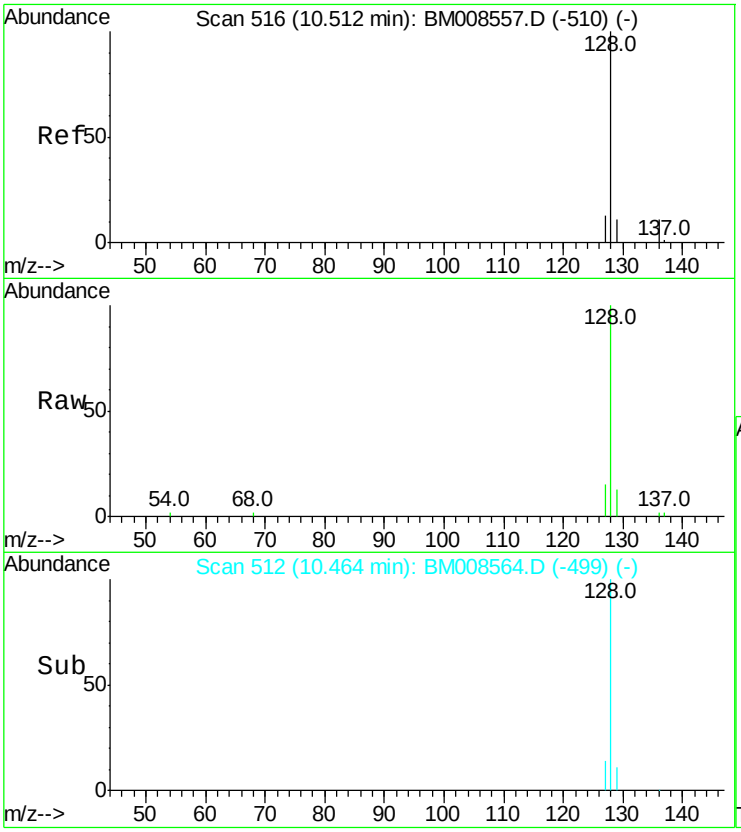
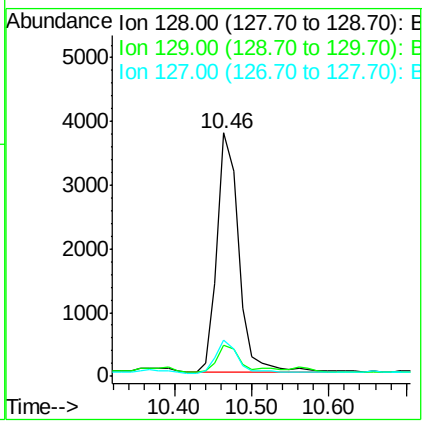




#3
Naphthalene
Concen: 1.97 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.05 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:128 Resp: 7442

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	15.1	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA827DL

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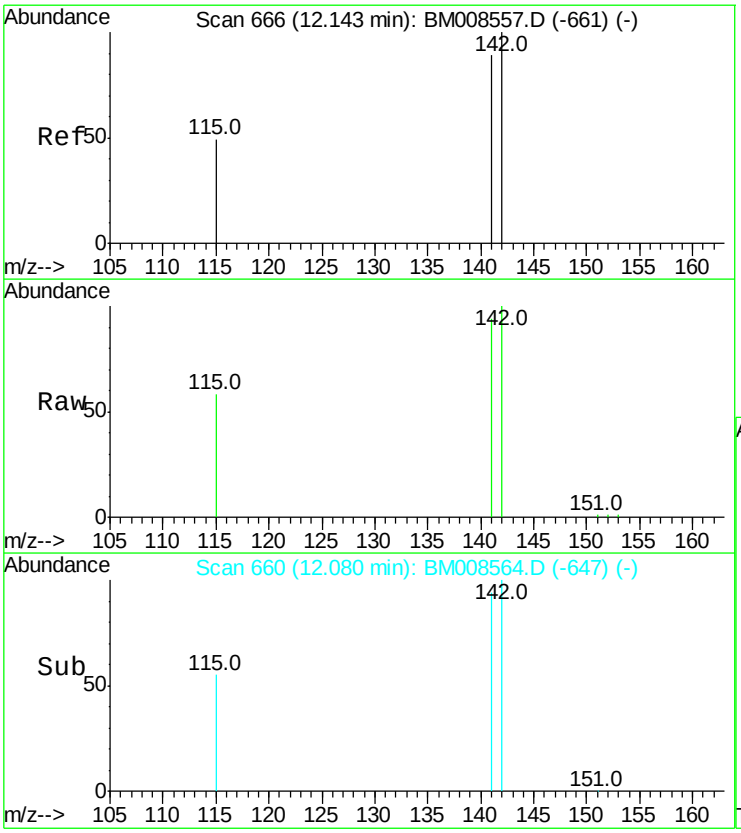
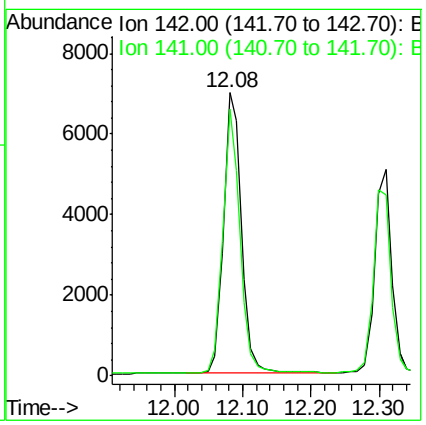
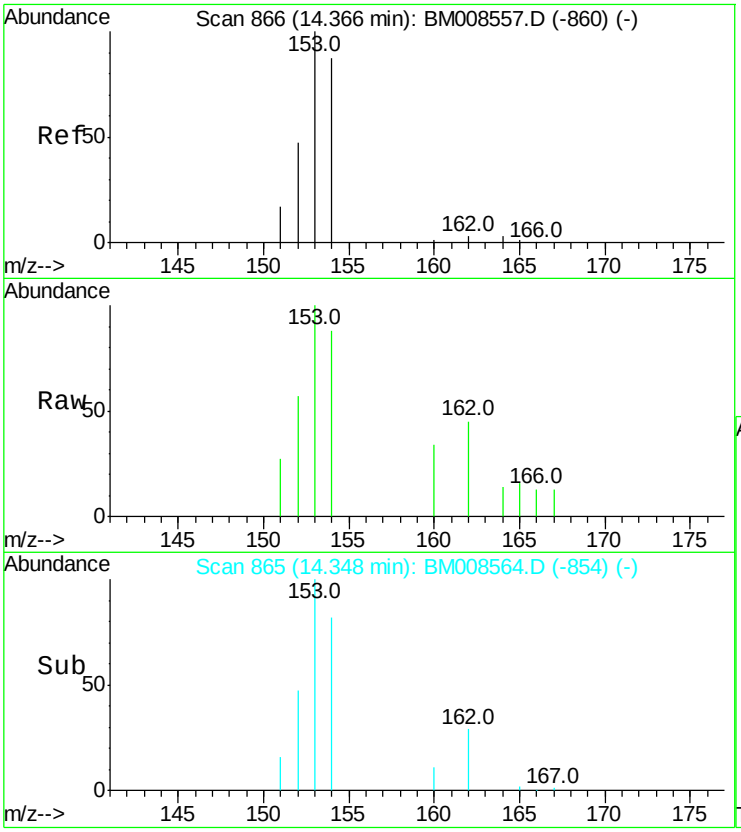


#5
2-Methylnaphthalene
Concen: 4.98 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.06 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:142 Resp: 12690

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8

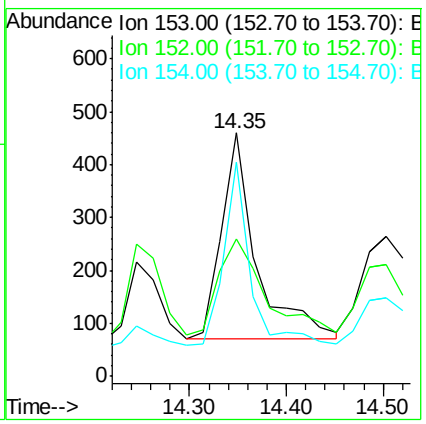




#8
Acenaphthene
Concen: 0.35 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:153 Resp: 968

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.3	60.5
154	87.8	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA827DL

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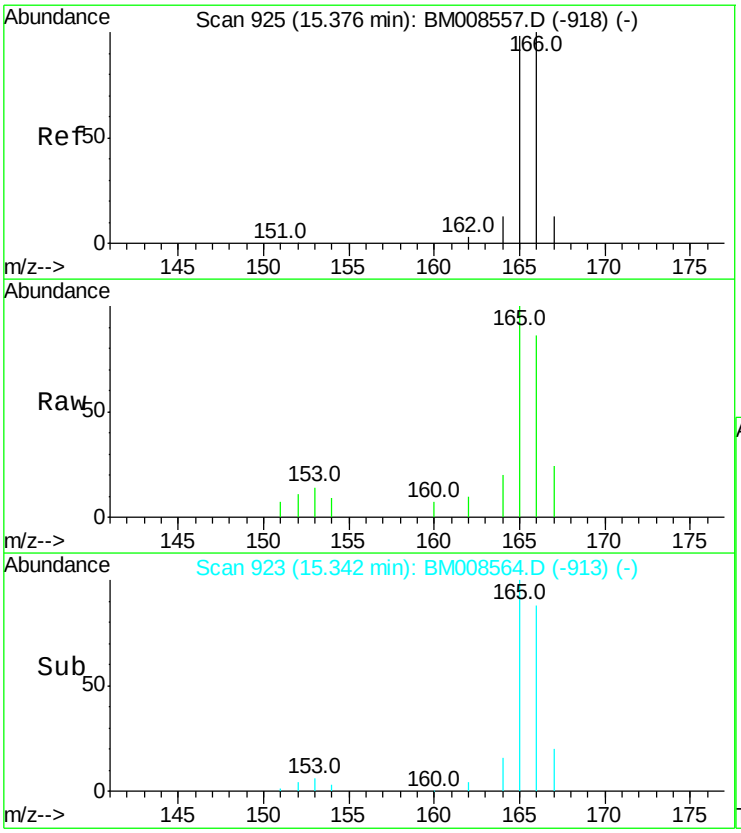
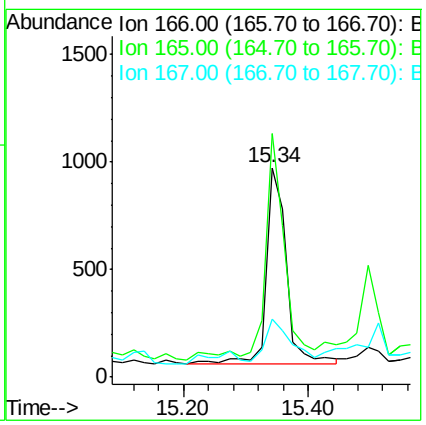
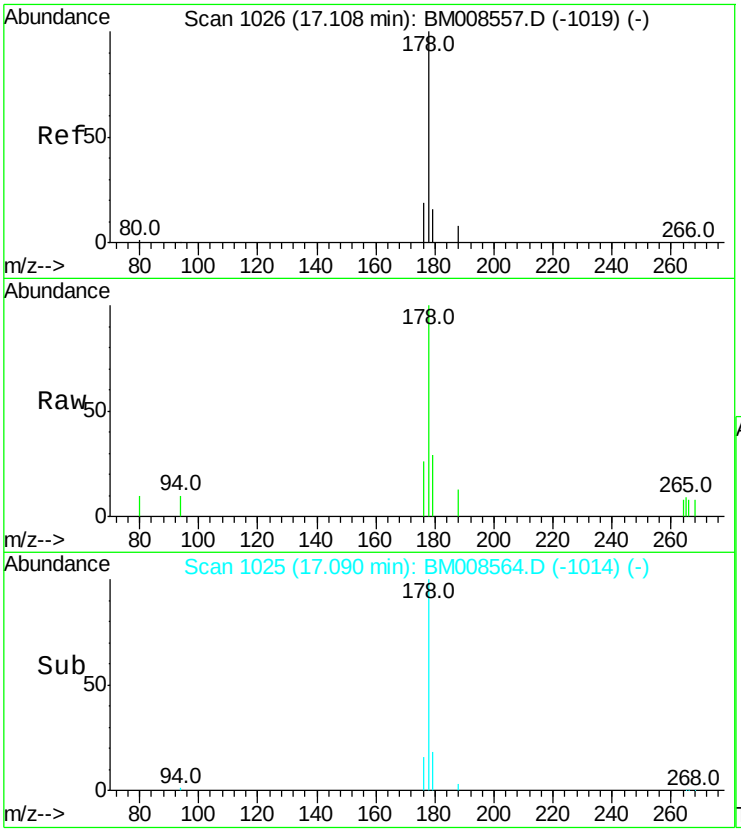


#9
Fluorene
Concen: 0.68 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:166 Resp: 2116

Ion	Ratio	Lower	Upper
166	100		
165	116.5	73.4	110.2#
167	27.5	14.6	22.0#

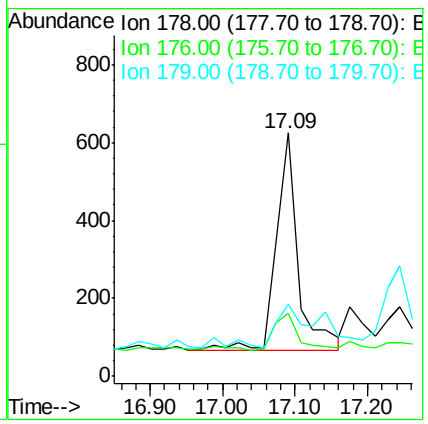




#12
Phenanthrene
Concen: 0.26 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:178 Resp: 1138

Ion	Ratio	Lower	Upper
178	100		
176	26.1	18.4	27.6
179	29.4	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
DA827DL

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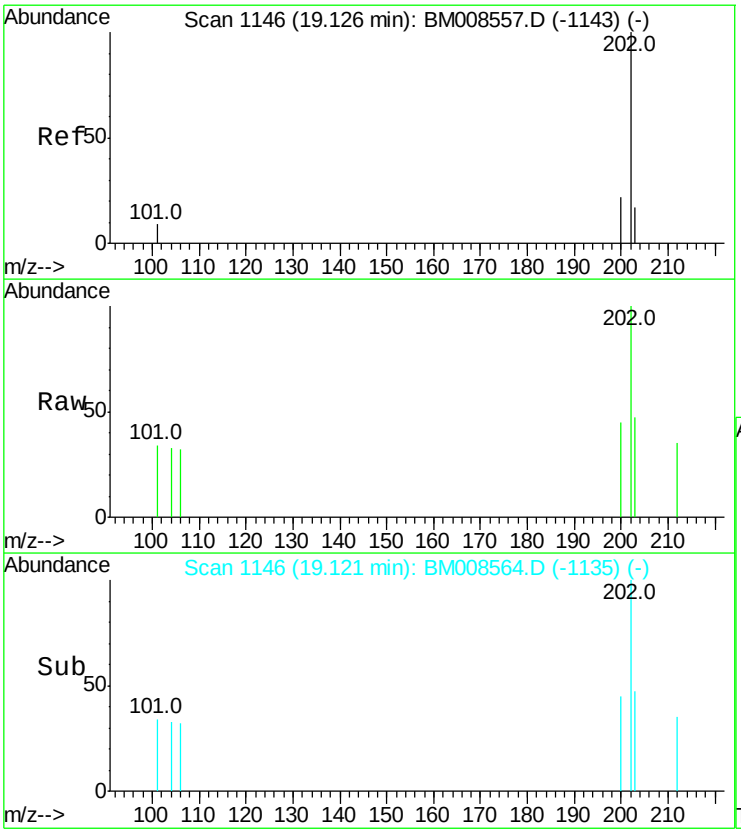
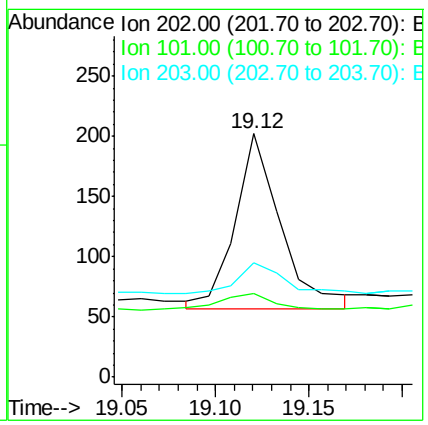
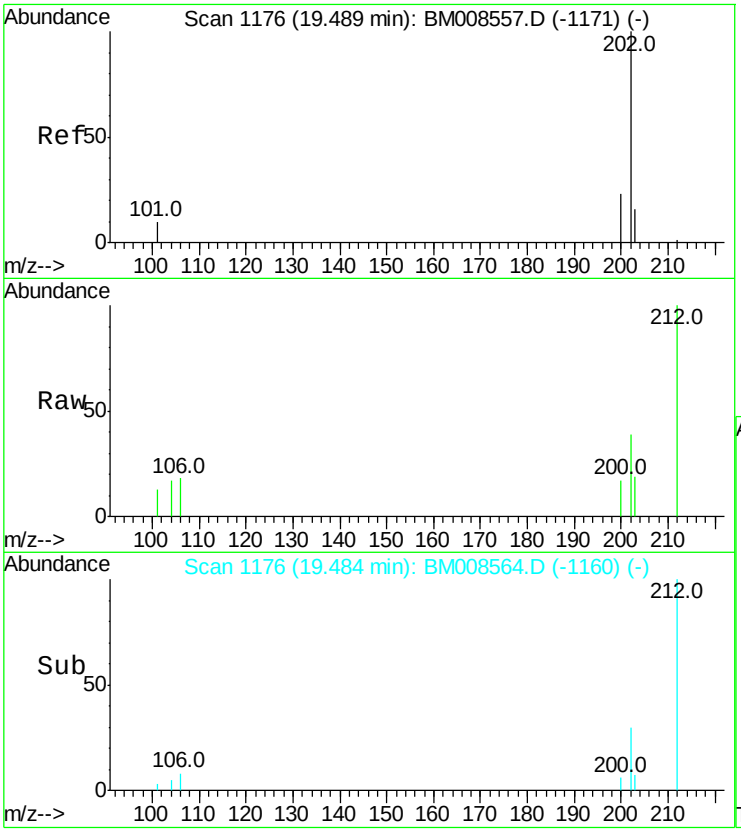


#15
Fluoranthene
Concen: 0.05 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:202 Resp: 245

Ion	Ratio	Lower	Upper
202	100		
101	34.2	0.0	30.3#
203	47.0	0.0	39.5#

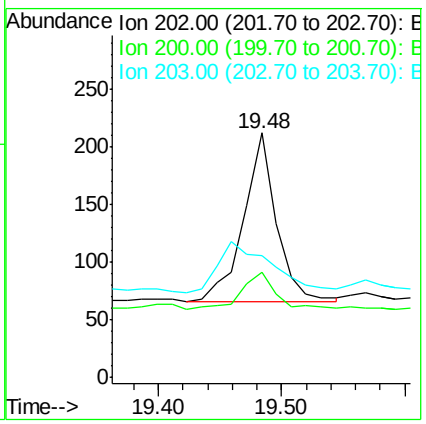




#17
Pyrene
Concen: 0.05 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BM008564.D
Acq: 22 Dec 2016 20:14

Tgt Ion:202 Resp: 277

Ion	Ratio	Lower	Upper
202	100		
200	42.9	18.2	27.4#
203	49.5	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA827DL

Manual Integrations APPROVED
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