Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations APPROVED
Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:47:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	301	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	961	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	636	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1118m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1231	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1143m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	383	0.26	ng/ul	-0.03
14) Fluoranthene-d10	19.10	212	905m	0.29	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.48	128	210	0.08	ng/ul#	29
5) 2-Methylnaphthalene	12.12	142	581	0.32	ng/ul	99
8) Acenaphthene	14.35	153	171	0.08	ng/ul#	80
9) Fluorene	15.36	166	175	0.07	ng/ul#	66
12) Phenanthrene	17.09	178	2430m	0.71	ng/ul	
17) Pyrene	19.48	202	1705	0.36	ng/ul#	84
18) Benzo(a)anthracene	21.26	228	1829m	0.45	ng/ul	
19) Chrysene	21.28	228	1170m	0.26	ng/ul	

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

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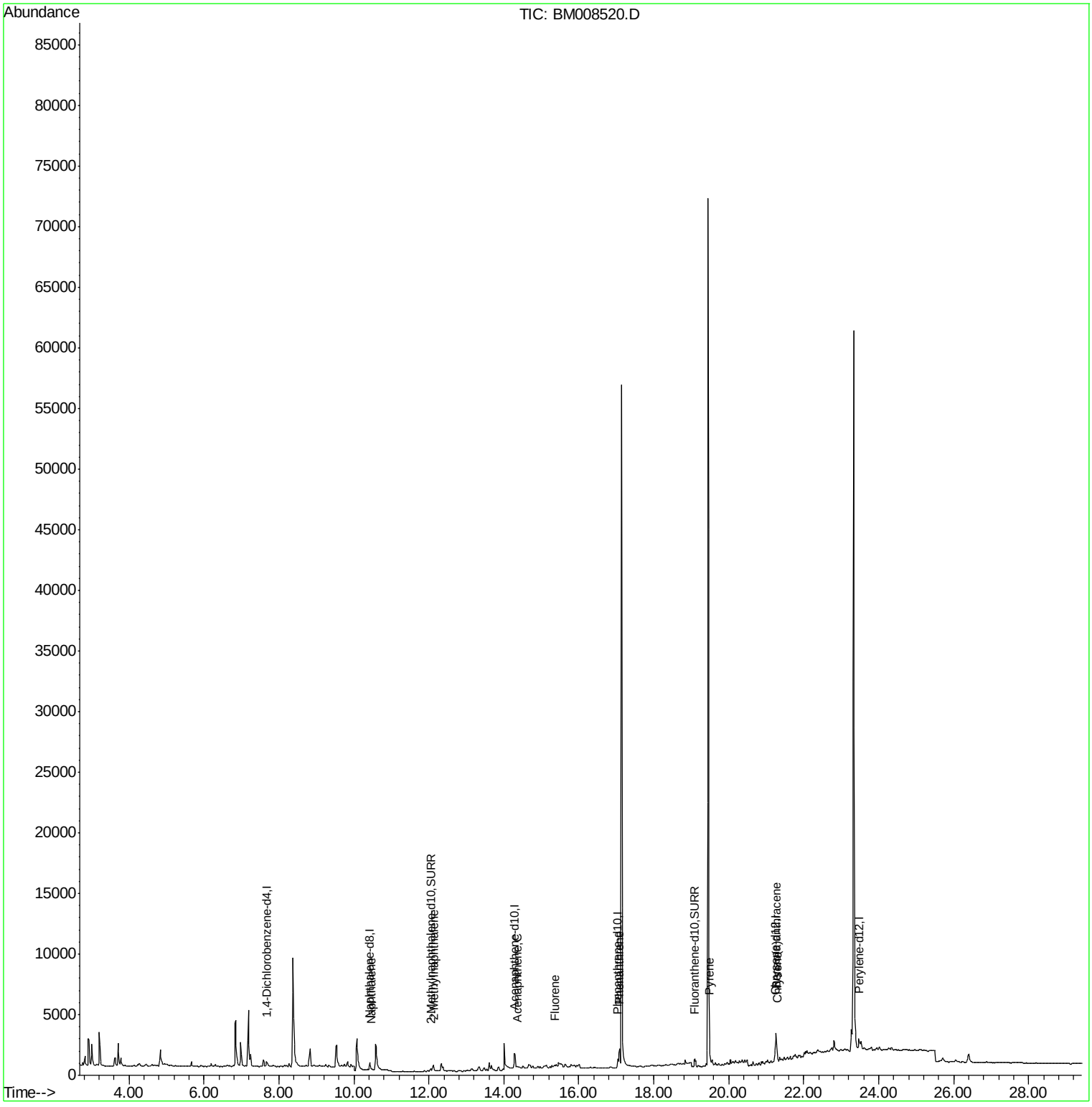
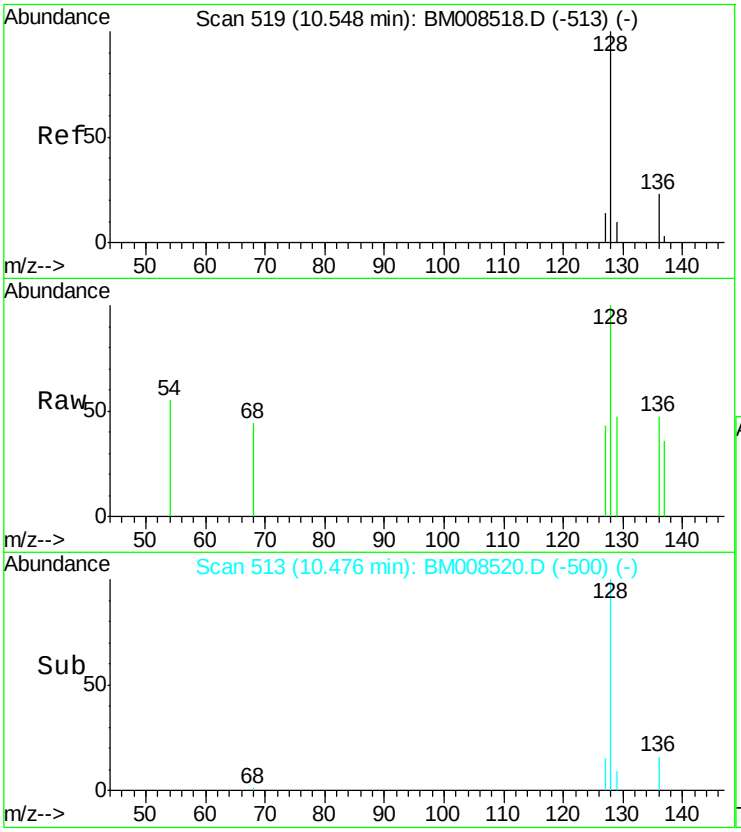
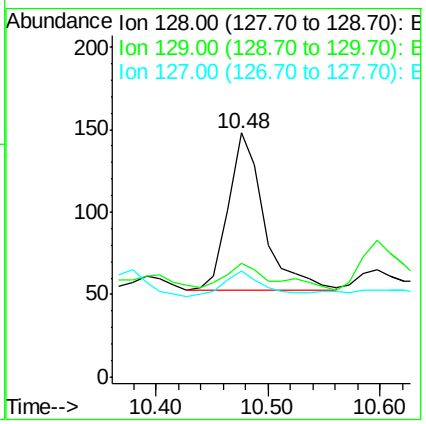




#3
Naphthalene
Concen: 0.08 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.05 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

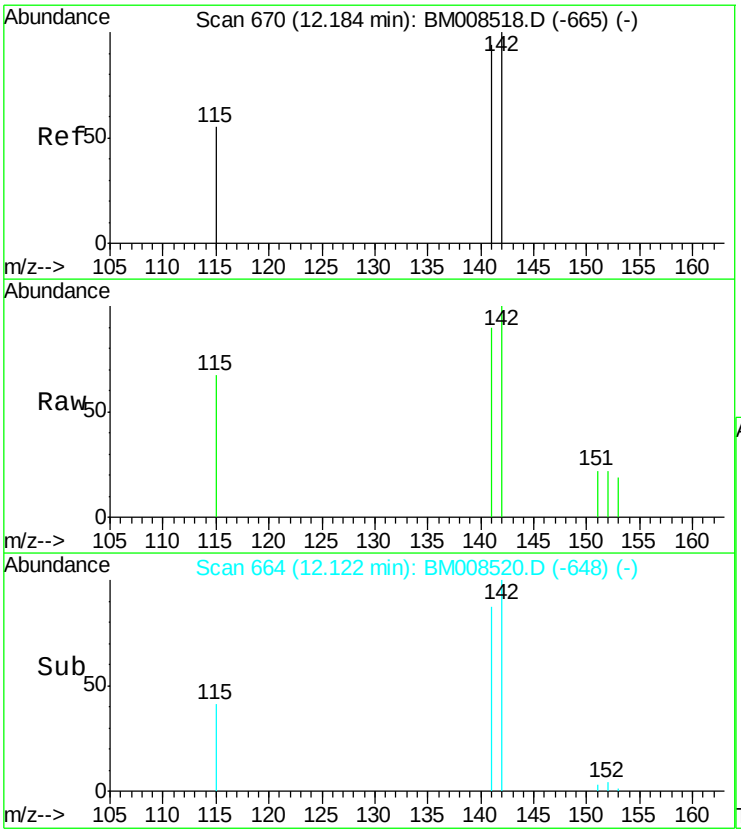
Tgt Ion:128 Resp: 210

Ion	Ratio	Lower	Upper
128	100		
129	46.6	11.3	16.9#
127	43.2	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8W5

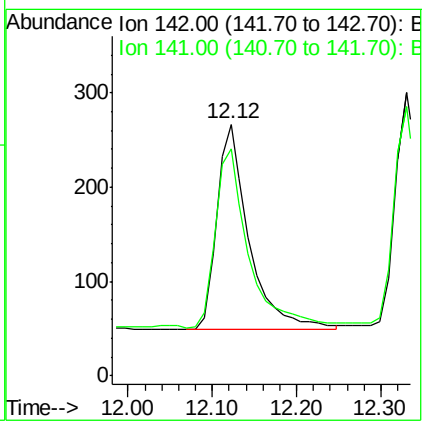
Manual Integrations APPROVED
Sohil
12/22/2016 12:35:22 PM

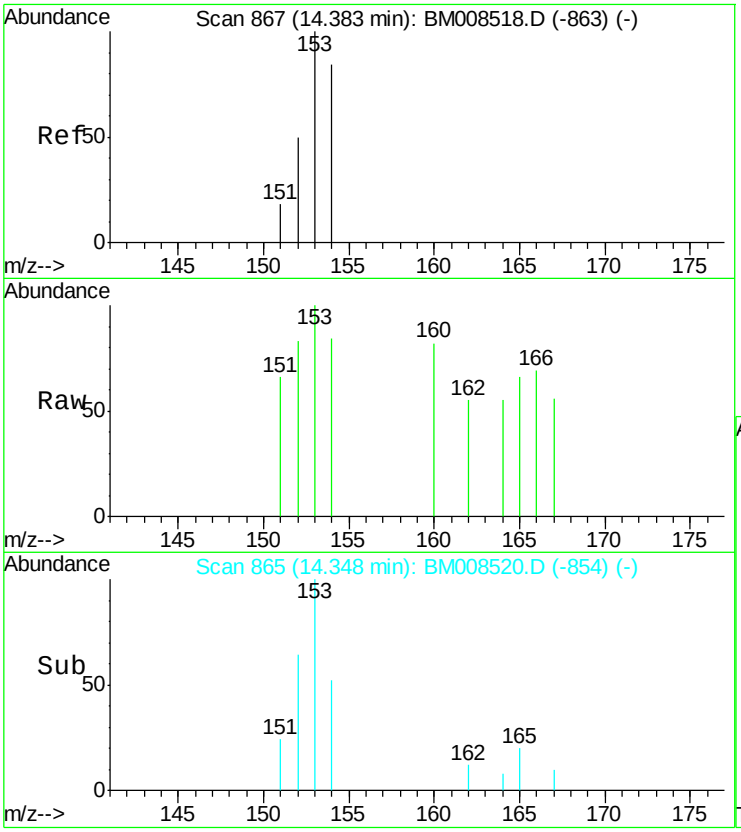


#5
2-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.03 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

Tgt Ion:142 Resp: 581

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

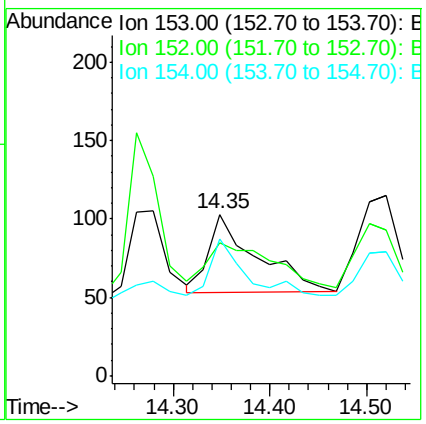




#8
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

Tgt Ion:153 Resp: 171

Ion	Ratio	Lower	Upper
153	100		
152	82.5	40.3	60.5#
154	84.5	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations APPROVED
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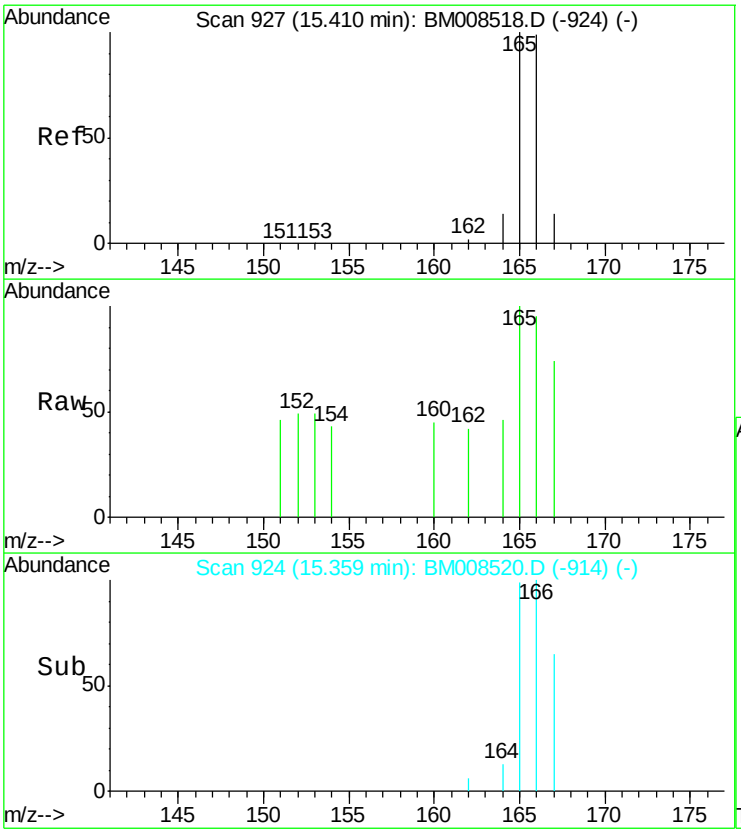
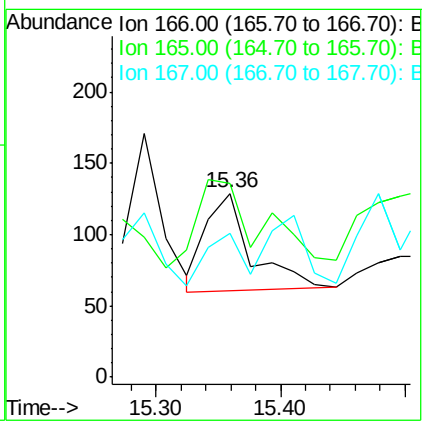
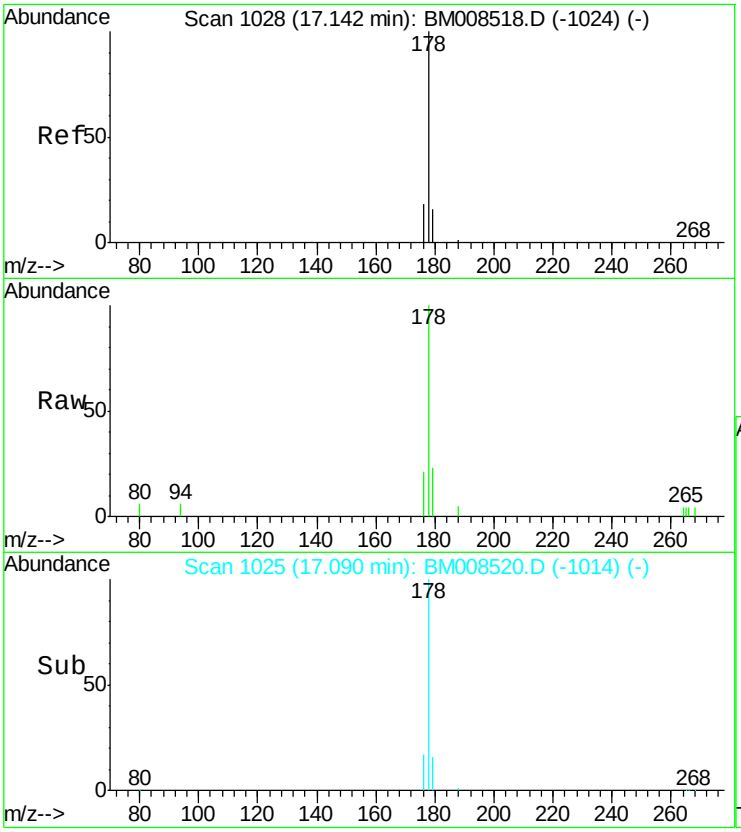


#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.36 min Scan# 924
Delta R.T. -0.03 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

Tgt Ion:166 Resp: 175

Ion	Ratio	Lower	Upper
166	100		
165	105.4	73.4	110.2
167	78.3	14.6	22.0#





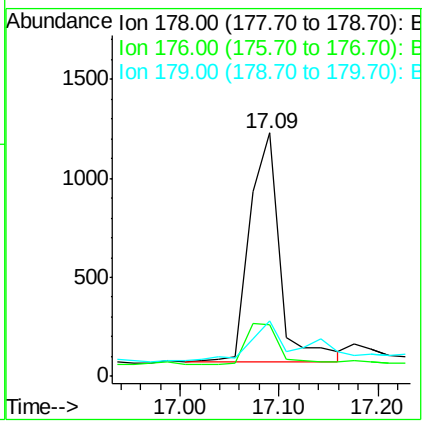
#12
Phenanthrene
Concen: 0.71 ng/ul m
RT: 17.09 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

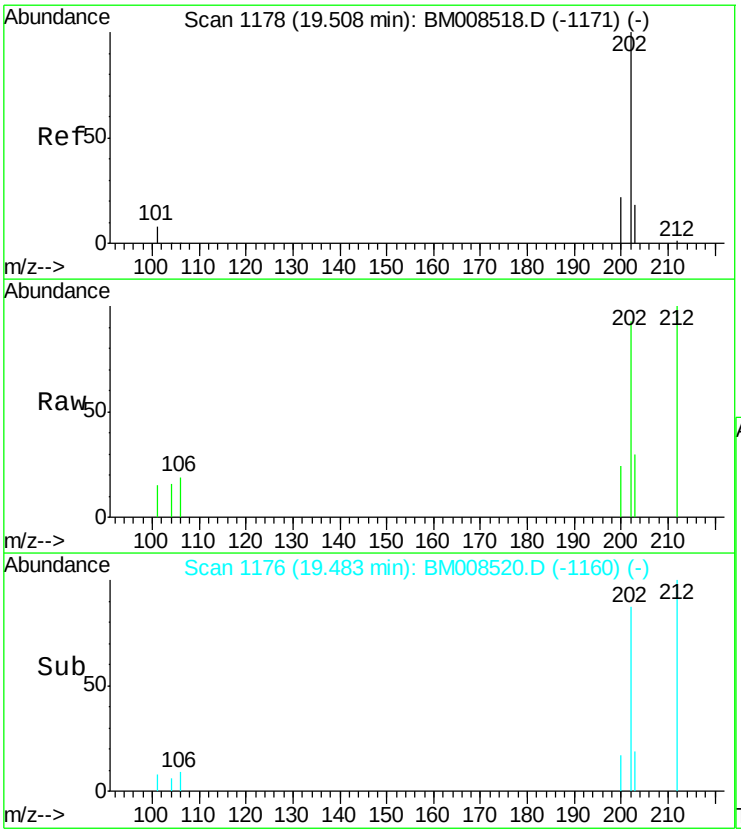
Tgt Ion:178 Resp: 2430

Ion	Ratio	Lower	Upper
178	100		
176	21.1	18.4	27.6
179	22.5	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations APPROVED
Sohil
12/22/2016 12:35:22 PM

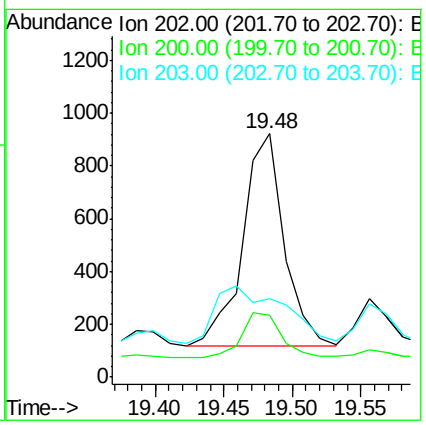


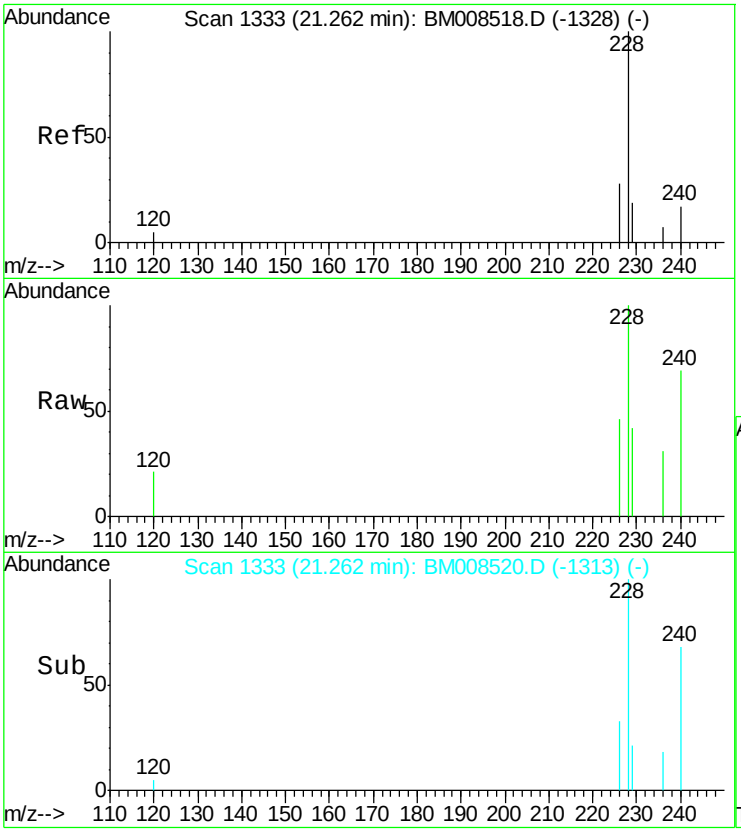


#17
Pyrene
Concen: 0.36 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

Tgt Ion:202 Resp: 1705

Ion	Ratio	Lower	Upper
202	100		
200	25.3	18.2	27.4
203	32.3	15.6	23.4#





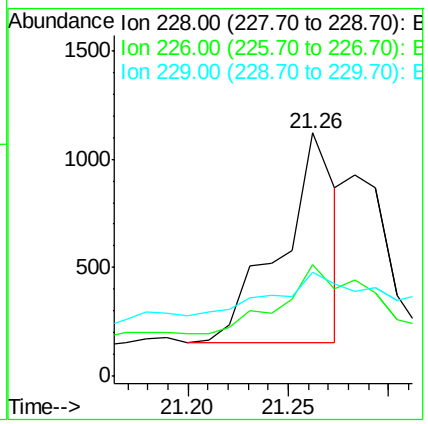
#18
Benzo(a)anthracene
Concen: 0.45 ng/ul m
RT: 21.26 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

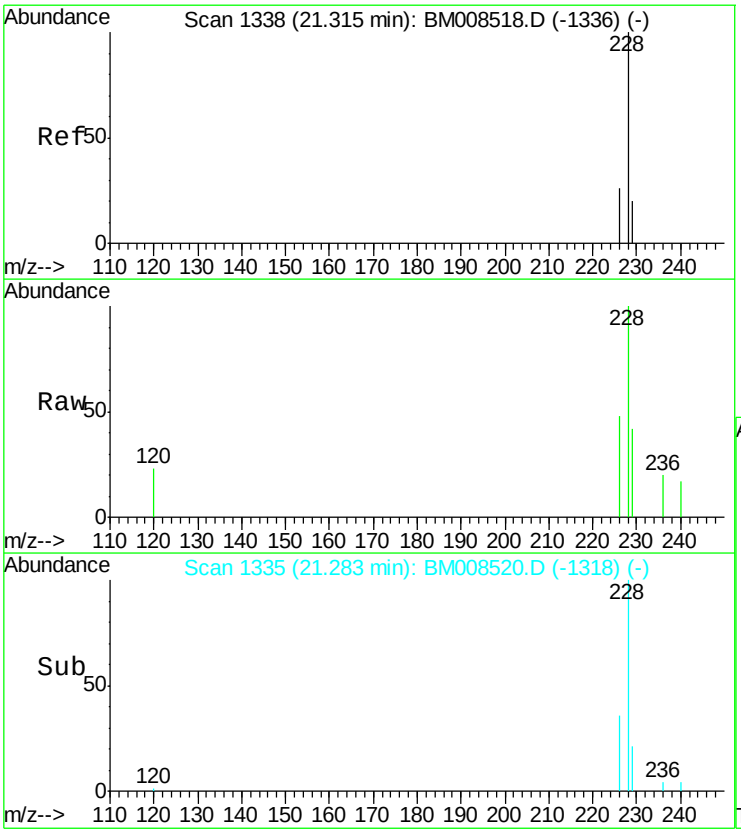
Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations APPROVED
Sohil
12/22/2016 12:35:22 PM

Tgt Ion:228 Resp: 1829

Ion	Ratio	Lower	Upper
228	100		
226	45.9	22.8	34.2#
229	42.5	17.0	25.6#





#19
Chrysene
Concen: 0.26 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008520.D
Acq: 21 Dec 2016 16:58

Tgt Ion:228 Resp: 1170

Ion	Ratio	Lower	Upper
228	100		
226	48.0	23.4	35.0#
229	41.9	17.7	26.5#