Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008075.D
Acq On : 24 Nov 2016 15:40
Operator : UM/SJ
Sample : H5701-13
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WE1

Manual Integrations APPROVED
Umangi
11/28/2016 5:30:37 PM

Quant Time: Nov 25 03:28:56 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	625	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2167	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1268	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2436	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2409	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	1984m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	80	0.03	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	507	0.07	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.16	202	226m	0.02	ng/ul	
17) Pyrene	19.52	202	303	0.04	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.80	276	318m	0.03	ng/ul	
26) Benzo(g,h,i)perylene	26.48	276	333m	0.04	ng/ul	

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

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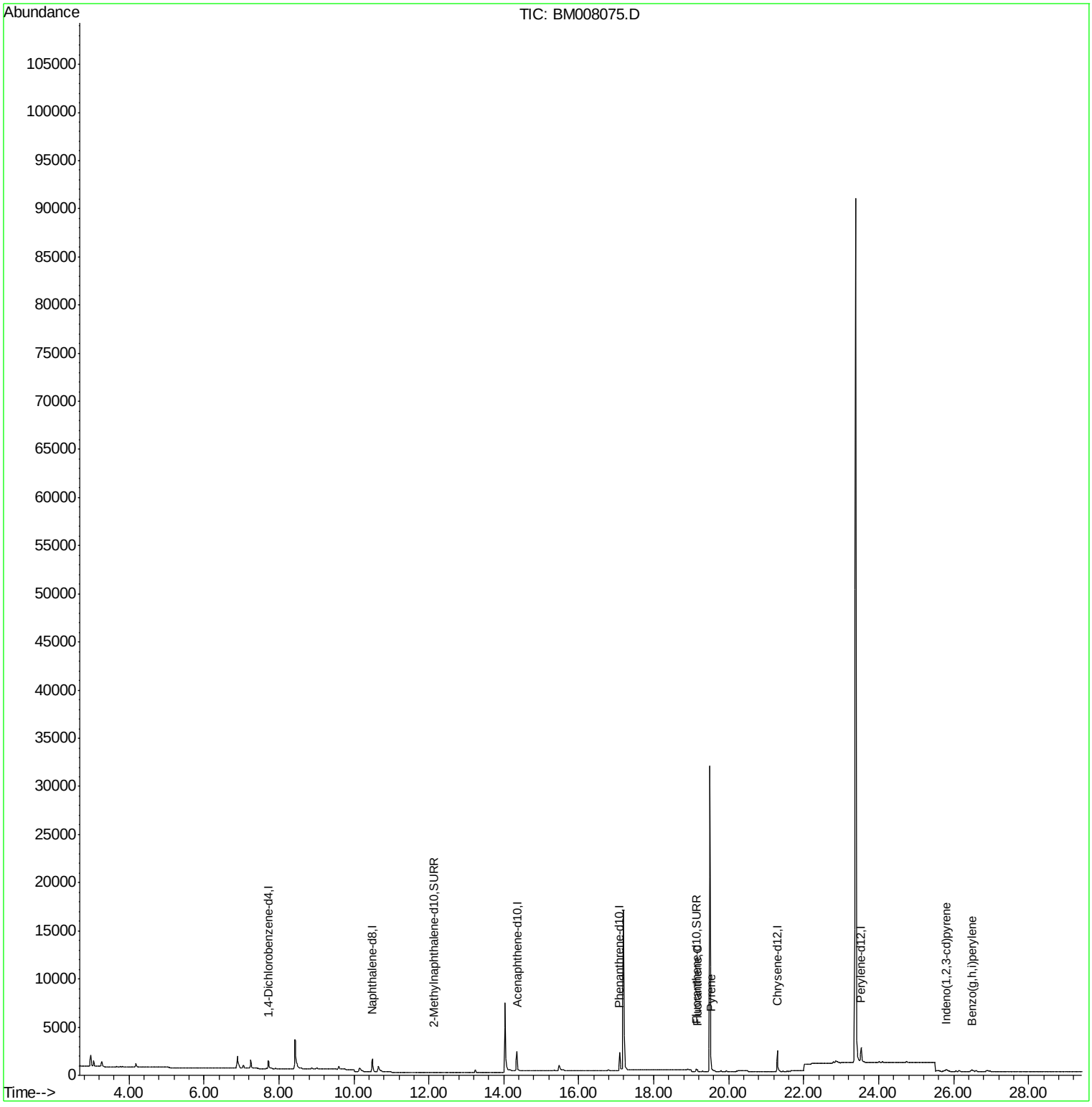
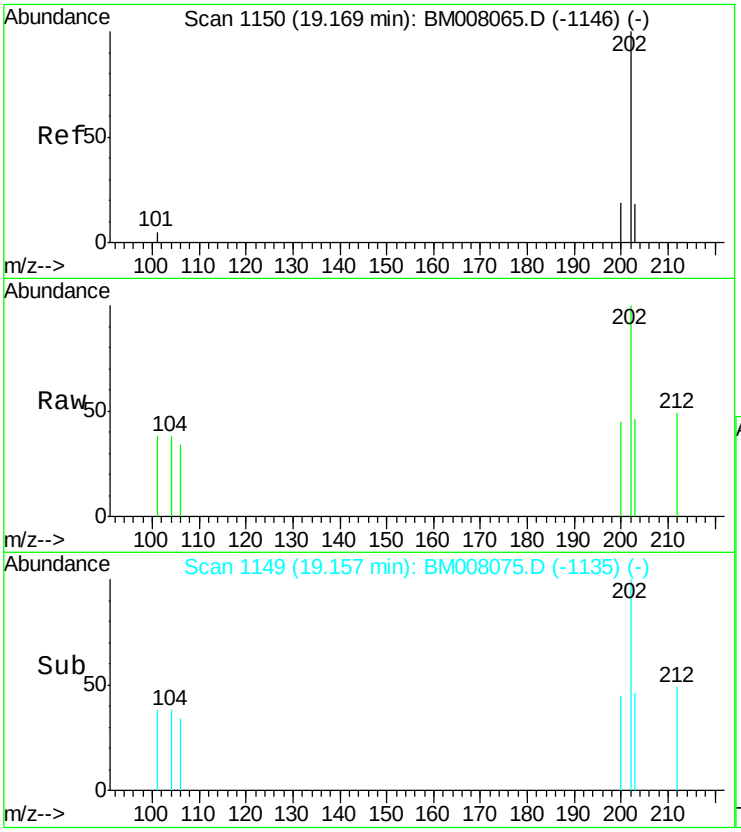




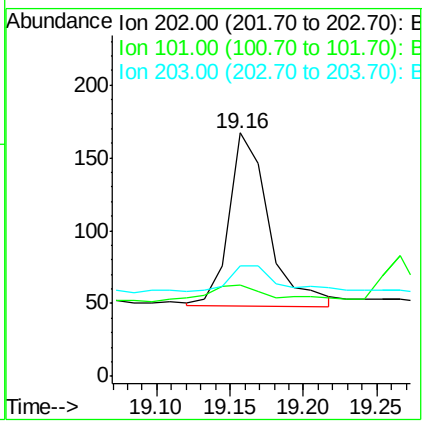
#15
Fluoranthene
Concen: 0.02 ng/ul m
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008075.D
Acq: 24 Nov 2016 15:40

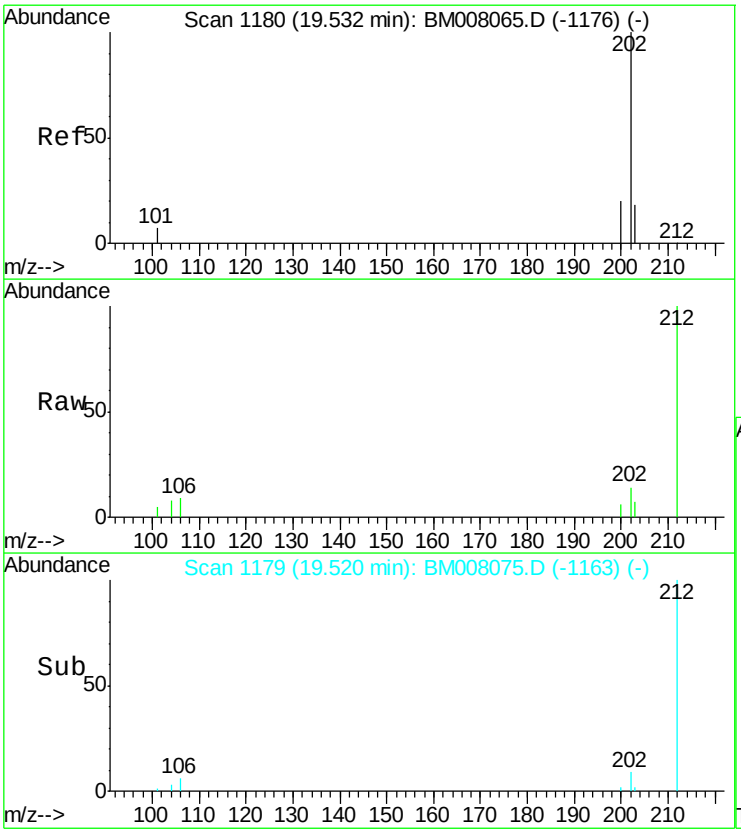
Tgt Ion:202 Resp: 226

Ion	Ratio	Lower	Upper
202	100		
101	37.7	0.0	30.3#
203	45.5	0.0	39.5#

Instrument :
BNA_M
ClientSampleId :
A4WE1

Manual Integrations APPROVED
Umangi
11/28/2016 5:30:37 PM

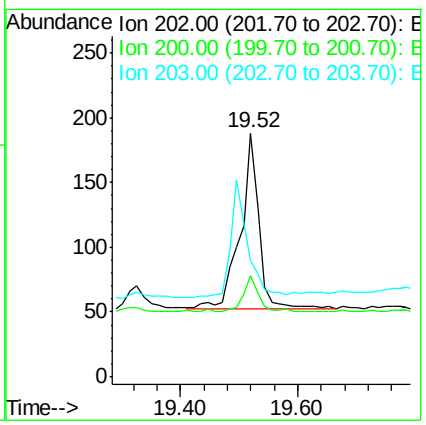


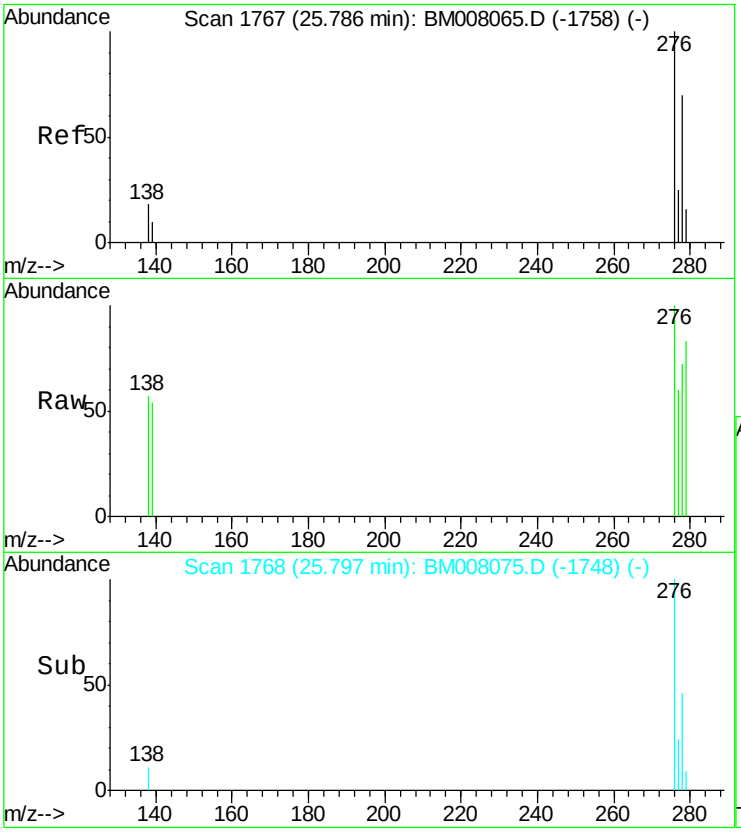


#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008075.D
Acq: 24 Nov 2016 15:40

Tgt Ion:202 Resp: 303

Ion	Ratio	Lower	Upper
202	100		
200	41.5	18.2	27.4#
203	47.9	15.6	23.4#

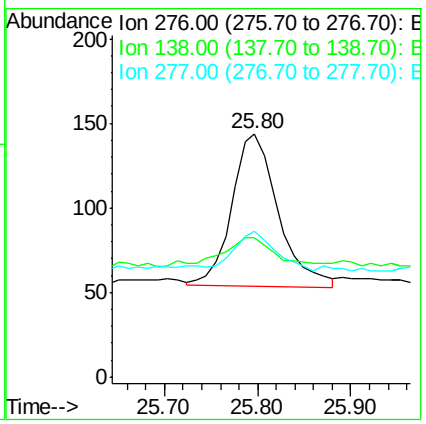




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul m
RT: 25.80 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BM008075.D
Acq: 24 Nov 2016 15:40

Tgt Ion:276 Resp: 318

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#



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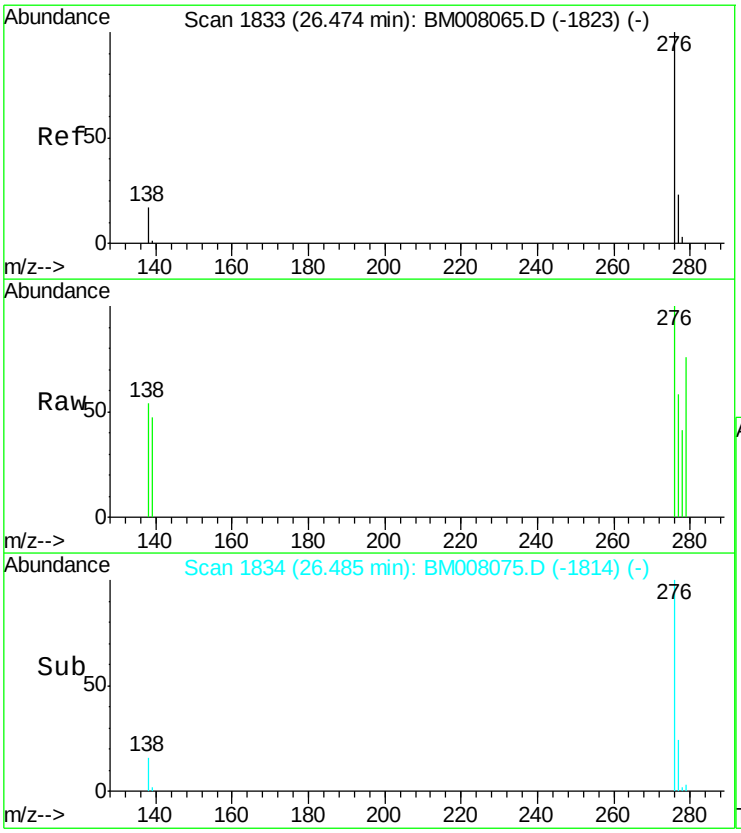

#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul m
RT: 26.48 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BM008075.D
Acq: 24 Nov 2016 15:40

Tgt Ion:276 Resp: 333

Ion	Ratio	Lower	Upper
276	100		
277	57.8	21.8	32.8#
138	54.4	20.5	30.7#