Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025256.D
Acq On : 04 Mar 2020 18:45
Operator : CG/JU
Sample : L1516-17
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD75

Manual Integrations APPROVED
mohammad
3/5/2020 7:57:32 AM

Quant Time: Mar 05 01:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4952	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	22458	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	16665	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	39542m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	40515	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	40196	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	13109	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	39897	0.31	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.10	202	7018	0.044	ng/ul	98
17) Pyrene	19.47	202	6234	0.041	ng/ul#	97
19) Chrysene	21.27	228	4658	0.028	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	8439m	0.052	ng/ul	

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

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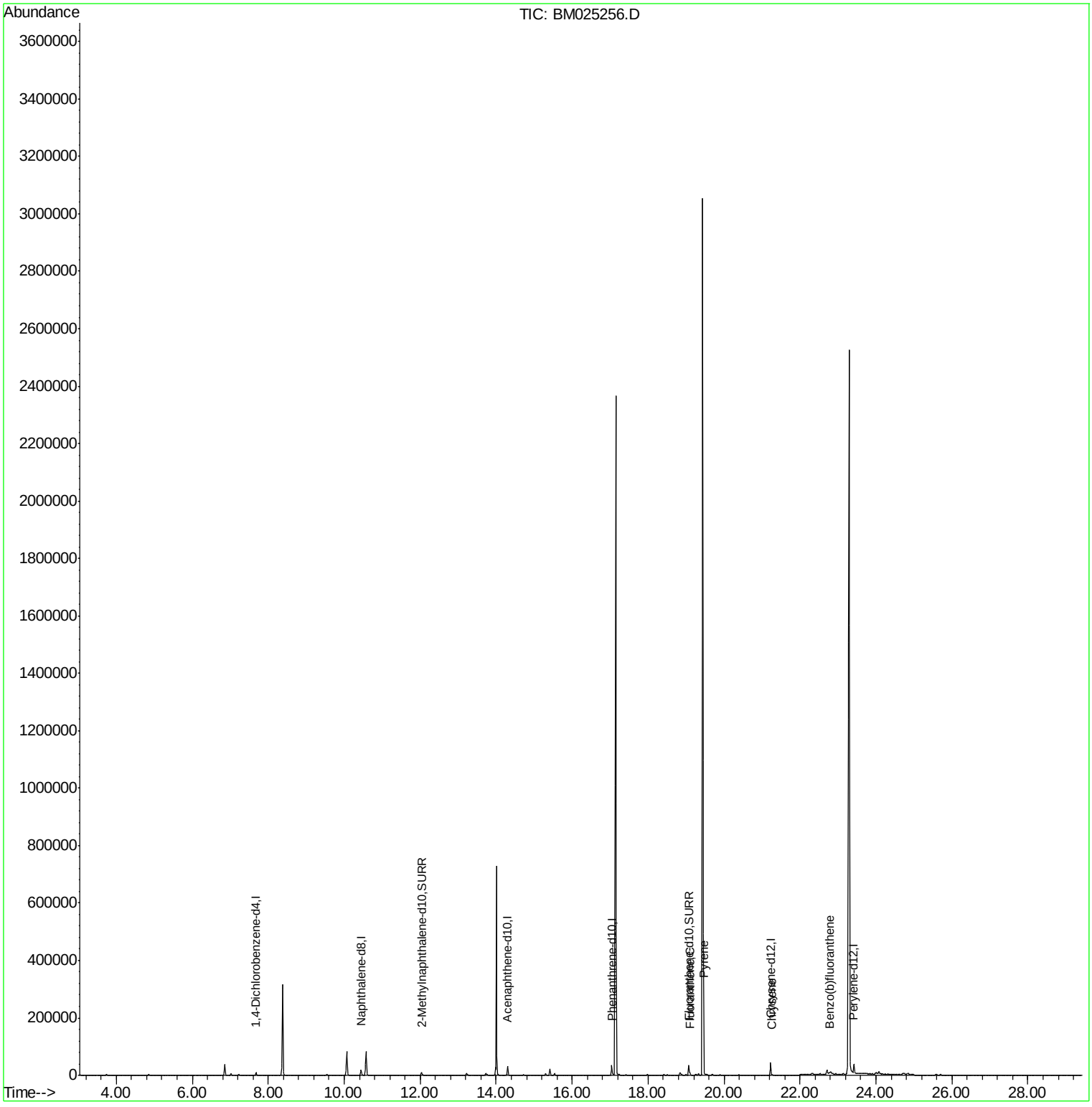
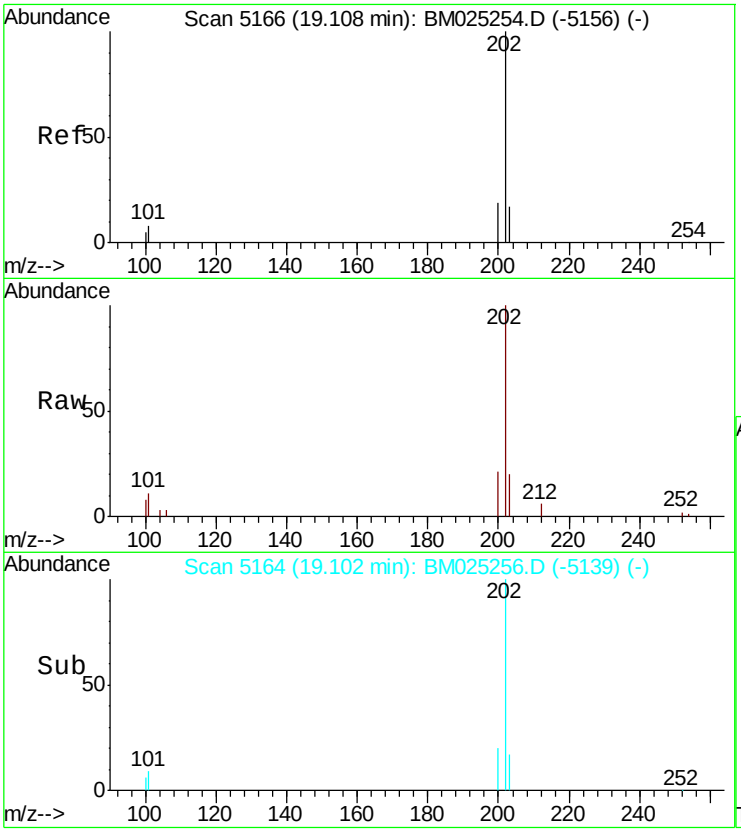
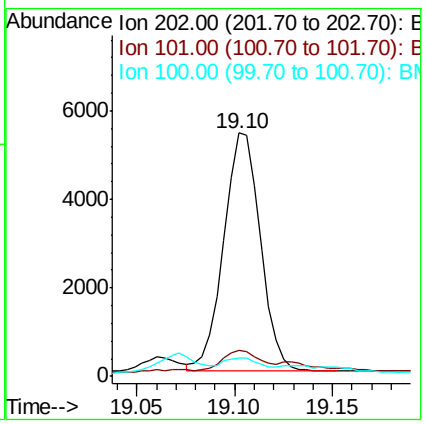




#15
Fluoranthene
Concen: 0.044 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.00 min
Lab File: BM025256.D
Acq: 04 Mar 2020 18:45

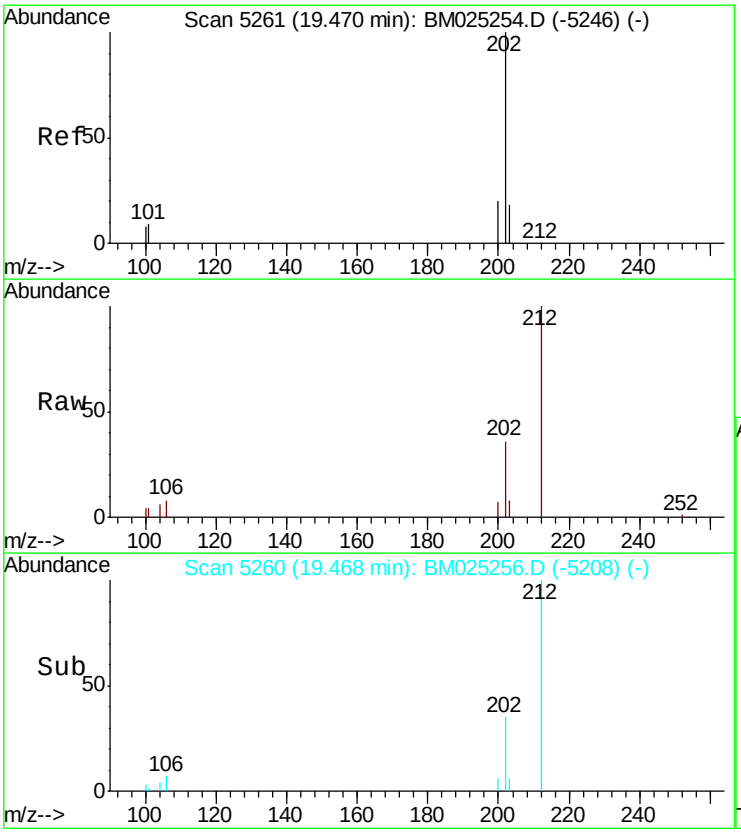
Tgt Ion:202 Resp: 7018

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.4
100	7.7	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBD75

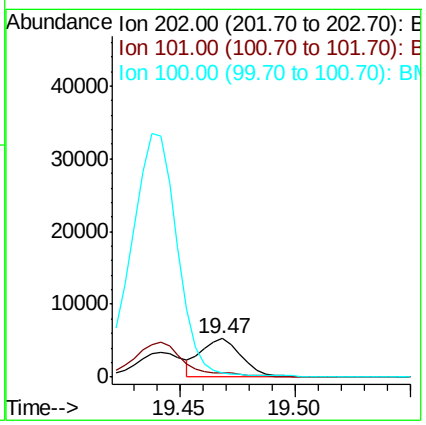
Manual Integrations APPROVED
mohammad
3/5/2020 7:57:32 AM

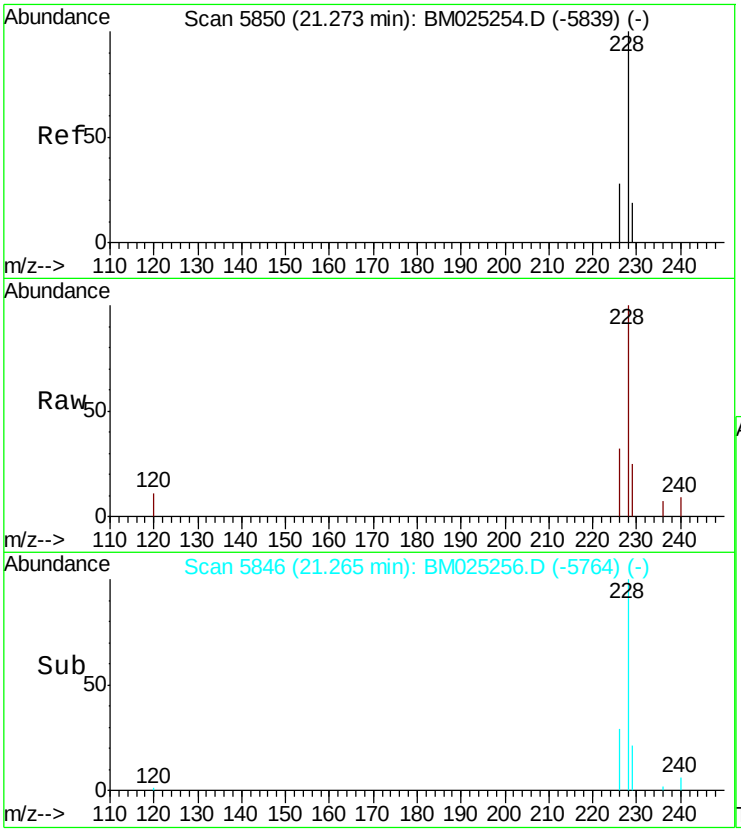


#17
Pyrene
Concen: 0.041 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. 0.00 min
Lab File: BM025256.D
Acq: 04 Mar 2020 18:45

Tgt Ion:202 Resp: 6234

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.7	13.1
100	11.0	7.3	10.9#

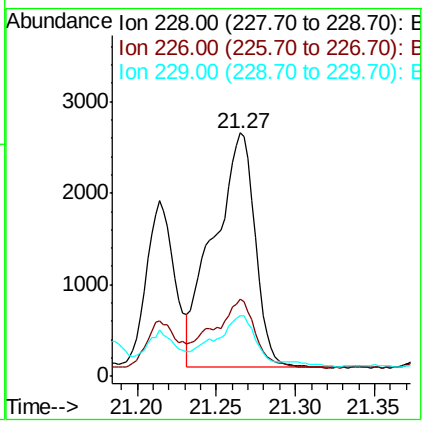




#19
Chrysene
Concen: 0.028 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025256.D
Acq: 04 Mar 2020 18:45

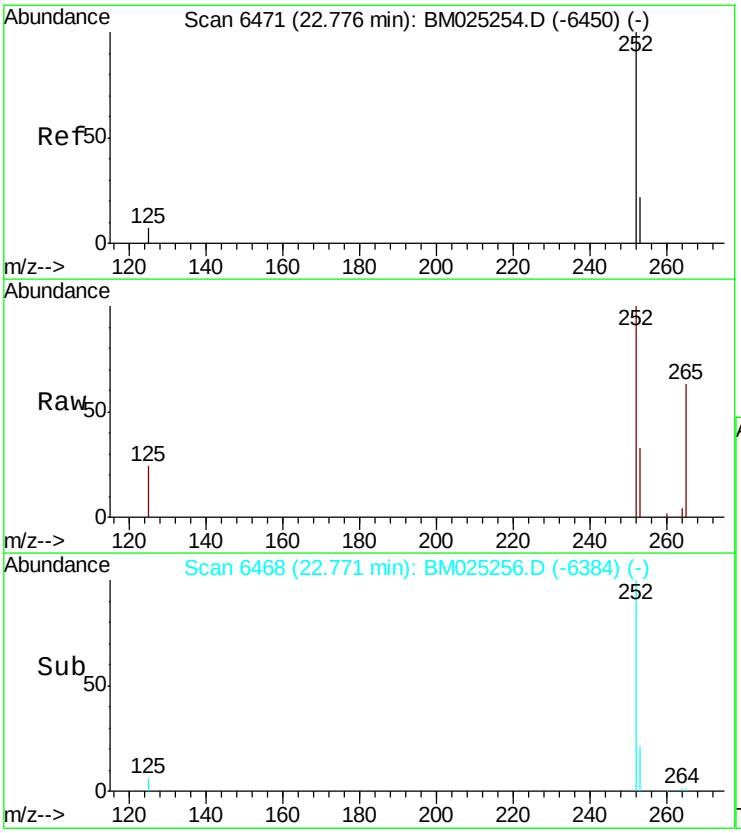
Tgt Ion:228 Resp: 4658

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.8	35.8
229	24.7	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBD75

Manual Integrations APPROVED
mohammad
3/5/2020 7:57:32 AM



#21
Benzo(b)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. 0.00 min
Lab File: BM025256.D
Acq: 04 Mar 2020 18:45

Tgt Ion:252 Resp: 8439

Ion	Ratio	Lower	Upper
252	100		
253	32.9	0.0	49.8
125	24.0	0.0	28.6