Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025246.D
Acq On : 04 Mar 2020 12:24
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD44

Manual Integrations APPROVED
mohammad
3/5/2020 7:57:04 AM

Quant Time: Mar 04 13:11:22 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	3233	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	14168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10833	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	25944m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26015	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	25848	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	11542	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	34367	0.41	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.10	202	2475	0.024	ng/ul	93
17) Pyrene	19.47	202	2297	0.023	ng/ul#	91
19) Chrysene	21.27	228	2115	0.020	ng/ul	95
21) Benzo(b)fluoranthene	22.77	252	3016m	0.029	ng/ul	

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

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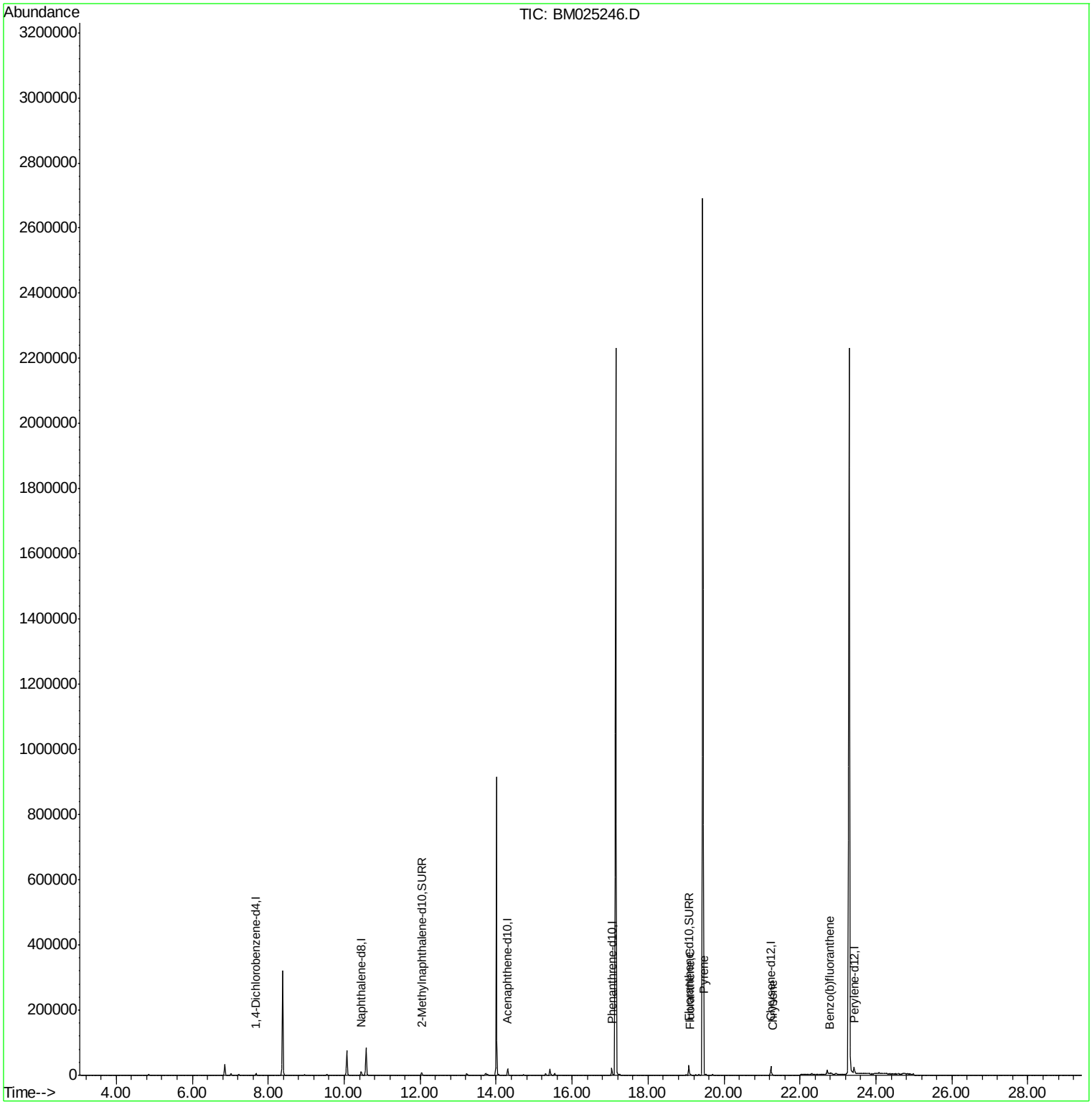
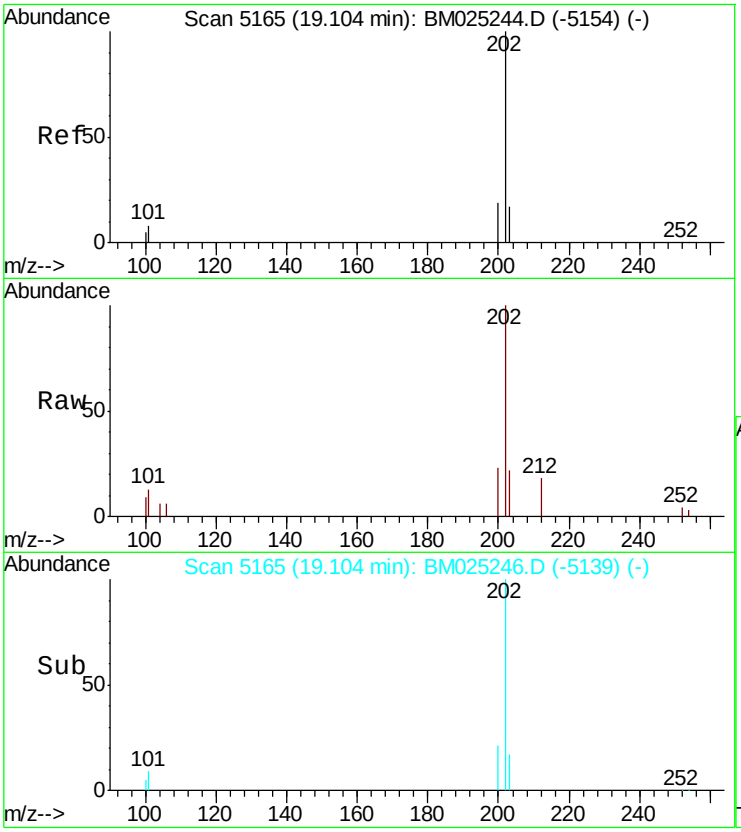




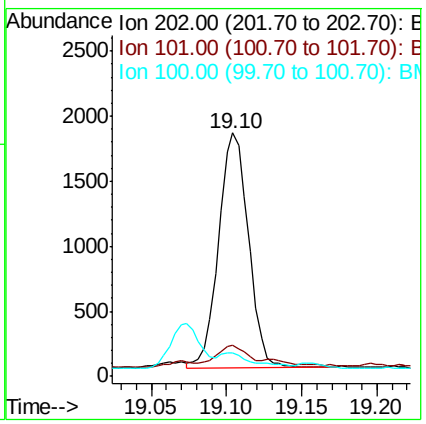
#15
Fluoranthene
Concen: 0.024 ng/ul
RT: 19.10 min Scan# 5165
Delta R.T. -0.00 min
Lab File: BM025246.D
Acq: 04 Mar 2020 12:24

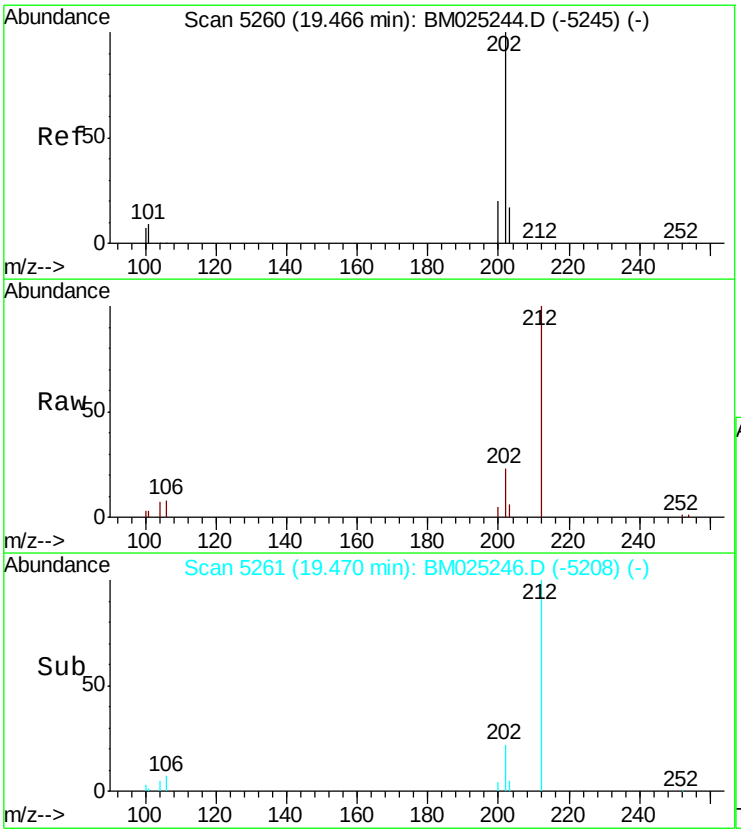
Tgt Ion:202 Resp: 2475

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	29.4
100	9.4	0.0	28.0

Instrument :
BNA_M
ClientSampleId :
DBD44

Manual Integrations APPROVED
mohammad
3/5/2020 7:57:04 AM

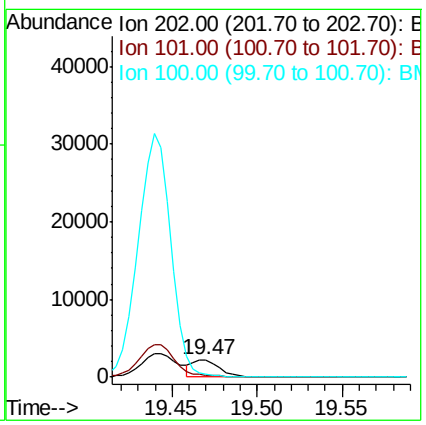


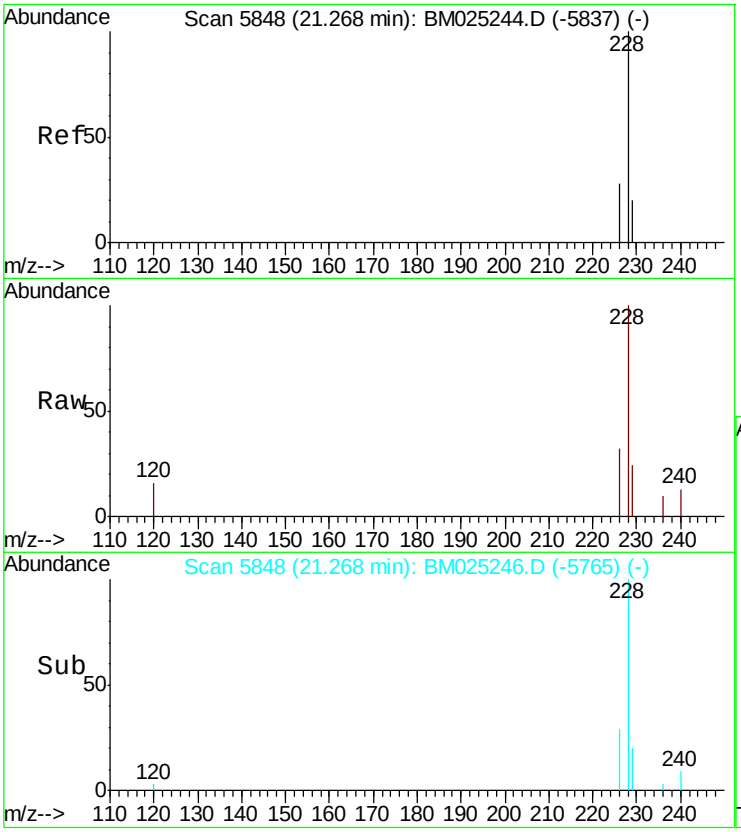


#17
Pyrene
Concen: 0.023 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. 0.00 min
Lab File: BM025246.D
Acq: 04 Mar 2020 12:24

Tgt Ion:202 Resp: 2297

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.7	13.1
100	14.9	7.3	10.9#

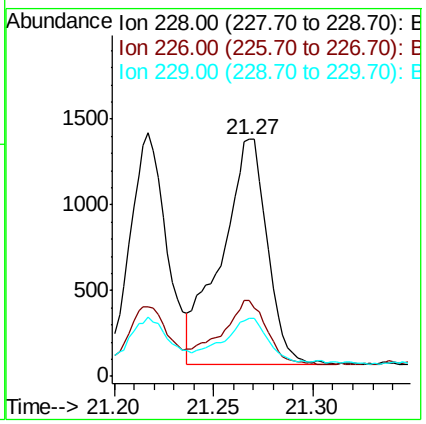




#19
Chrysene
Concen: 0.020 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. 0.00 min
Lab File: BM025246.D
Acq: 04 Mar 2020 12:24

Tgt Ion:228 Resp: 2115

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.8	35.8
229	24.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBD44

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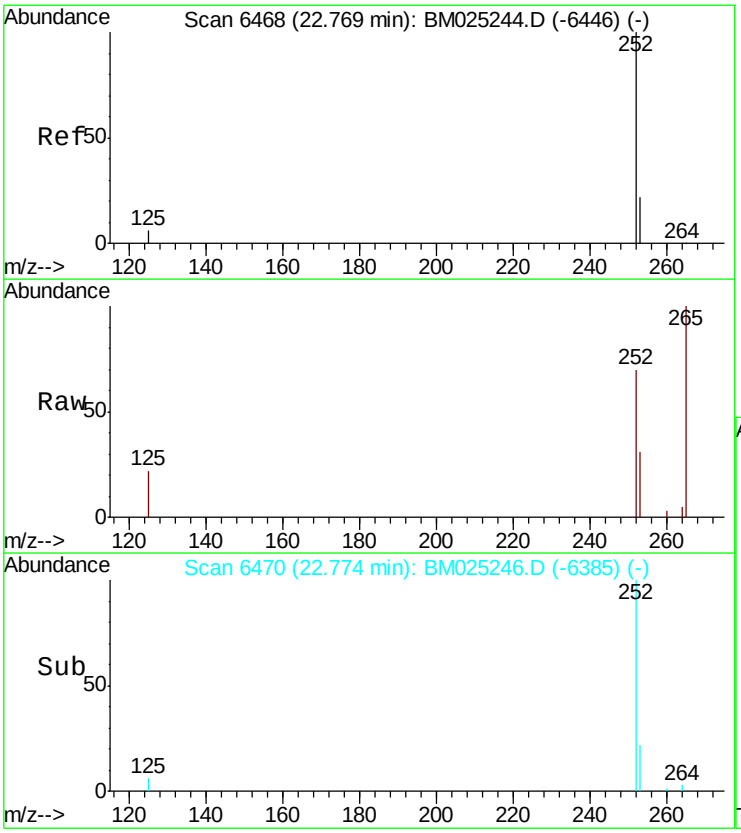
3/5/2020 7:57:04 AM



#21
Benzo(b)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.77 min Scan# 6470
Delta R.T. 0.01 min
Lab File: BM025246.D
Acq: 04 Mar 2020 12:24

Tgt Ion:252 Resp: 3016

Ion	Ratio	Lower	Upper
252	100		
253	45.2	0.0	49.8
125	30.9	0.0	28.6#