Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000861.D
Acq On : 24 Apr 2018 21:26
Operator : JU/SJ
Sample : J2487-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS50MS

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:26 PM

Quant Time: Apr 25 08:06:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 07:49:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137799	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	583123	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	288510	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568695	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	534202	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	569201	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	728706	26.30	ng/ul	0.00
10) Fluorene-d10	15.25	176	505214	27.32	ng/ul	0.00
14) Anthracene-d10	17.09	188	705324	27.12	ng/ul	0.00
18) Pyrene-d10	19.40	212	730583	26.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	795835	29.60	ng/ul	-0.02
Target Compounds						Qvalue
9) Acenaphthene	14.32	153	503826	26.590	ng/ul	95
16) Fluoranthene	19.06	202	31894	1.014	ng/ul#	94
19) Pyrene	19.43	202	921344	26.851	ng/ul#	89
23) Benzo(b)fluoranthene	22.74	252	35731m	1.105	ng/ul	

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

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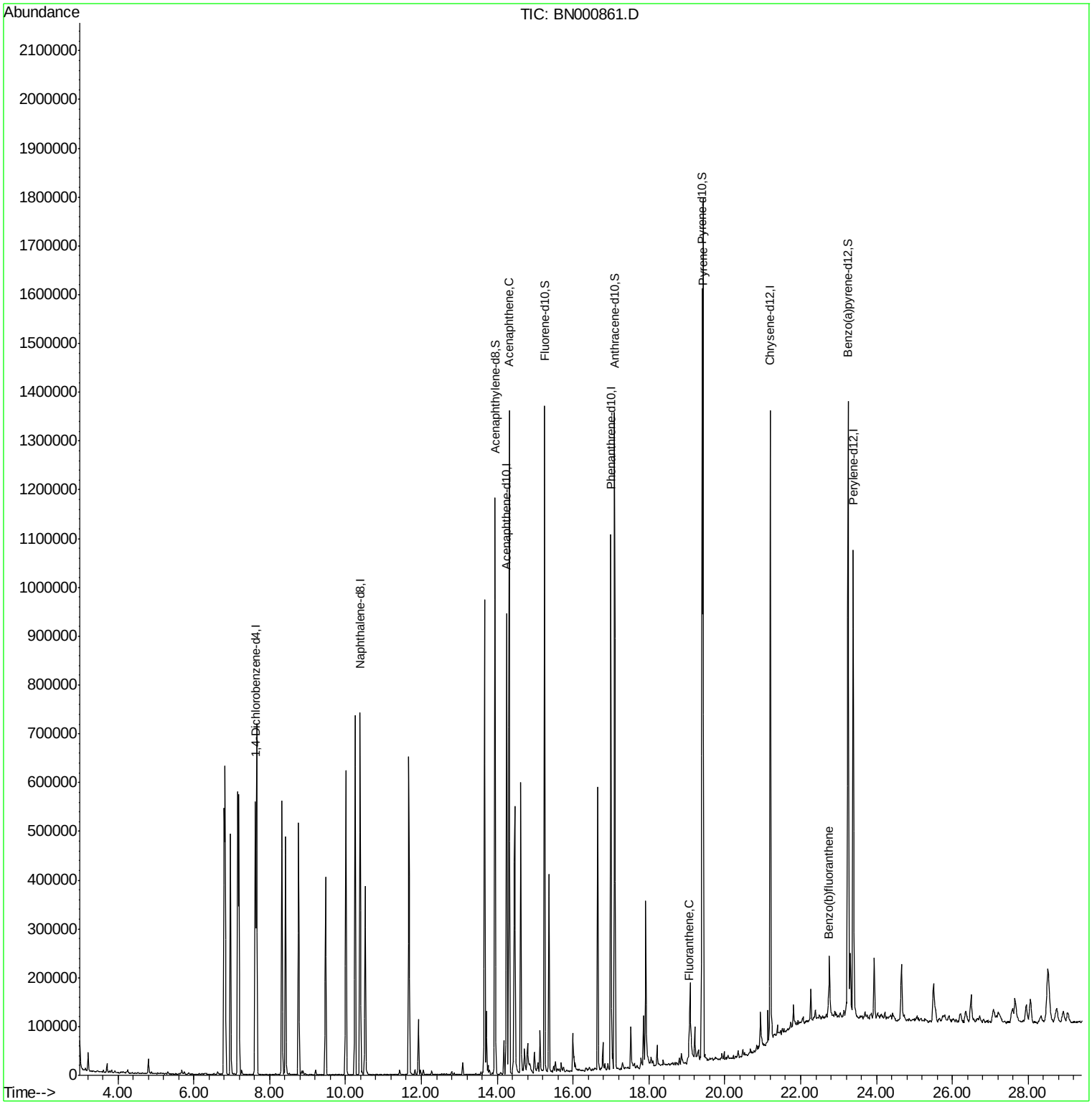
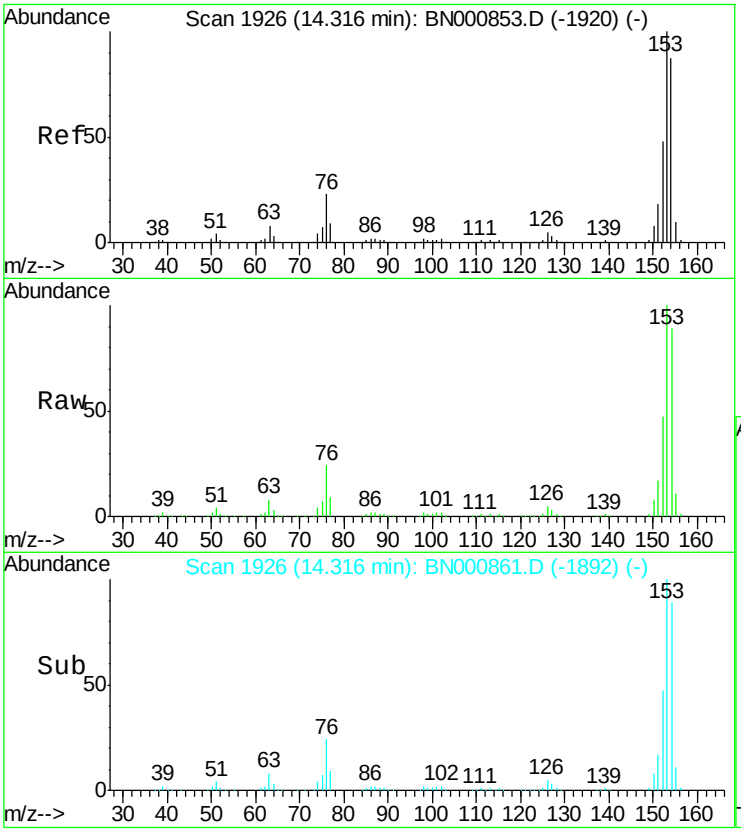
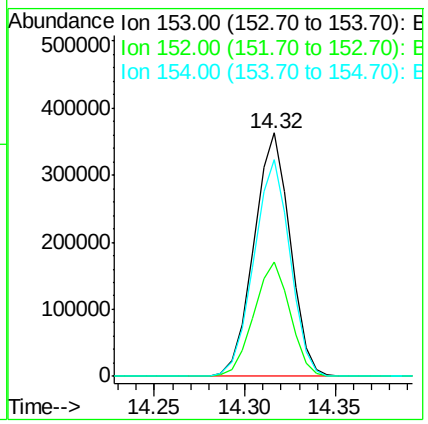




#9
Acenaphthene
Concen: 26.590 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000861.D
Acq: 24 Apr 2018 21:26

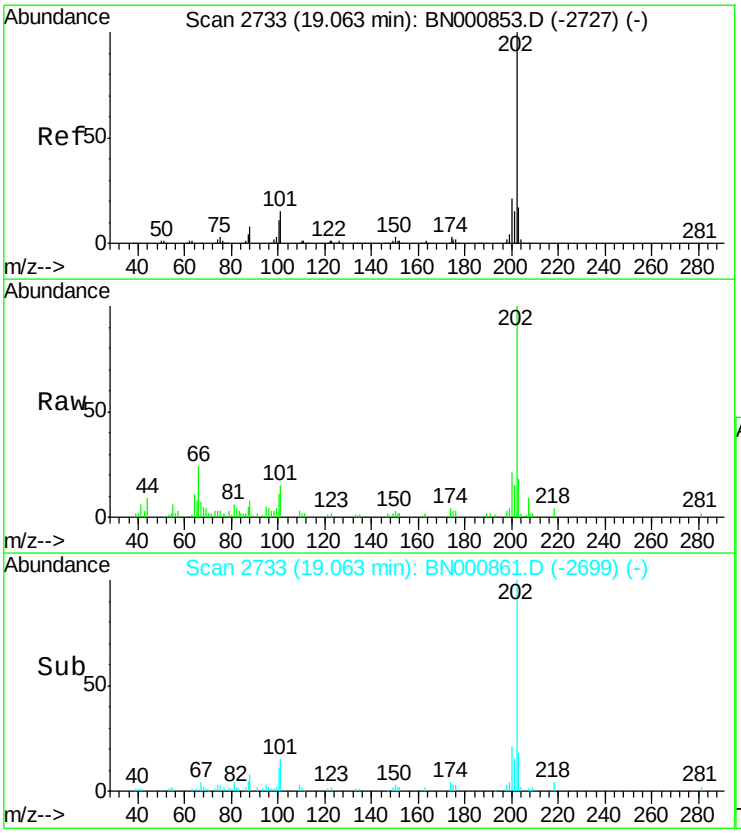
Tgt Ion:153 Resp: 503826

Ion	Ratio	Lower	Upper
153	100		
152	46.9	39.0	58.6
154	88.8	66.8	100.2



Instrument :
BNA_N
ClientSampleId :
DAS50MS

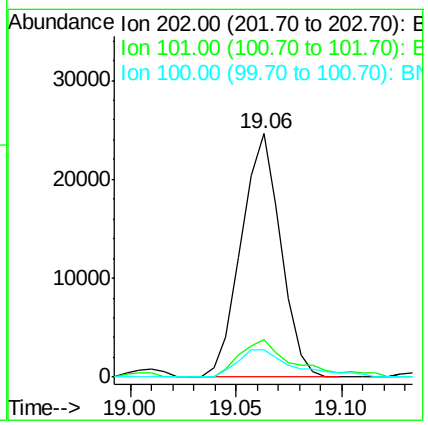
Manual Integrations APPROVED
Sohil
4/25/2018 4:36:26 PM

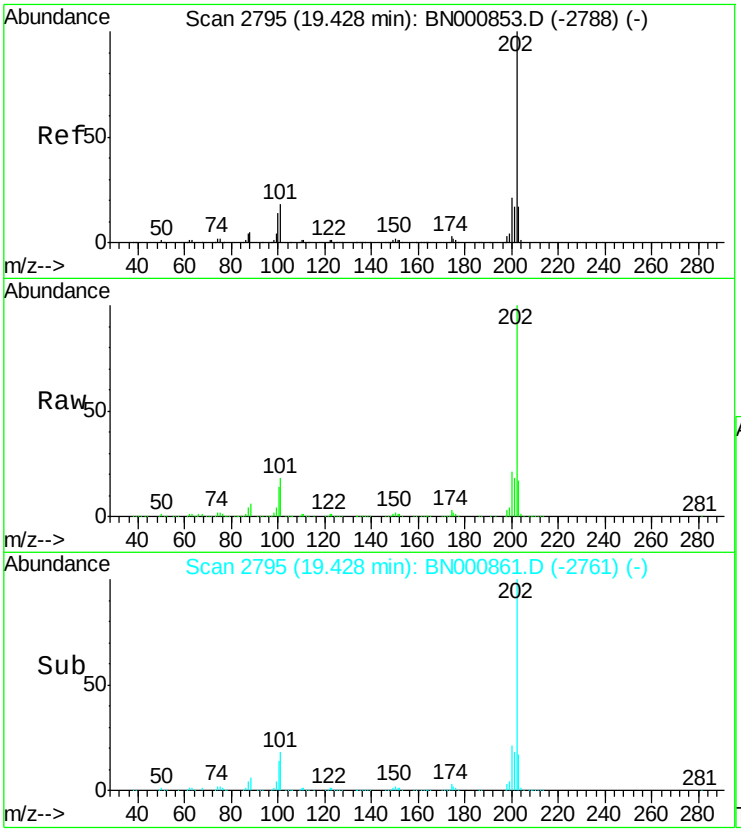


#16
Fluoranthene
Concen: 1.014 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000861.D
Acq: 24 Apr 2018 21:26

Tgt Ion:202 Resp: 31894

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.1	7.4	11.0#





#19
Pyrene
Concen: 26.851 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000861.D
Acq: 24 Apr 2018 21:26

Tgt Ion:202 Resp: 921344

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.5	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAS50MS

Manual Integrations APPROVED
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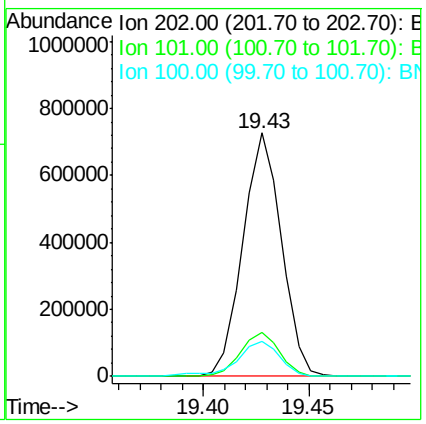

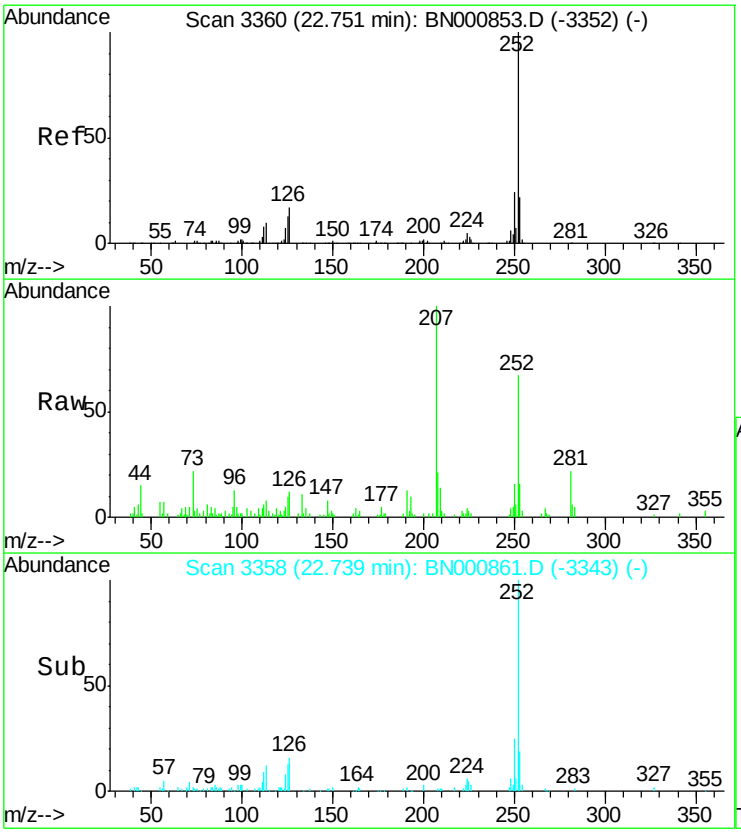

#23
Benzo(b)fluoranthene
Concen: 1.105 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BN000861.D
Acq: 24 Apr 2018 21:26

Tgt Ion:252 Resp: 35731

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.9	8.0	12.0#