Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001029.D
Acq On : 01 May 2018 14:26
Operator : JU/SJ
Sample : J2602-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT75

Manual Integrations APPROVED
Sohil
5/2/2018 11:09:39 AM

Quant Time: May 02 07:32:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:19:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	571031	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	267411	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	498288	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	474556	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	500521	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	635461	24.74	ng/ul	0.00
10) Fluorene-d10	15.25	176	415308	24.23	ng/ul	0.00
14) Anthracene-d10	17.10	188	568584	24.95	ng/ul	0.00
18) Pyrene-d10	19.40	212	595306	24.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	648591	27.43	ng/ul	0.00
Target Compounds						Qvalue
16) Fluoranthene	19.07	202	62012	2.249	ng/ul	96
19) Pyrene	19.43	202	53059	1.741	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	31215m	1.100	ng/ul	
21) Chrysene	21.24	228	36131m	1.355	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	53990m	1.898	ng/ul	
26) Benzo(a)pyrene	23.31	252	33565	1.235	ng/ul#	90

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

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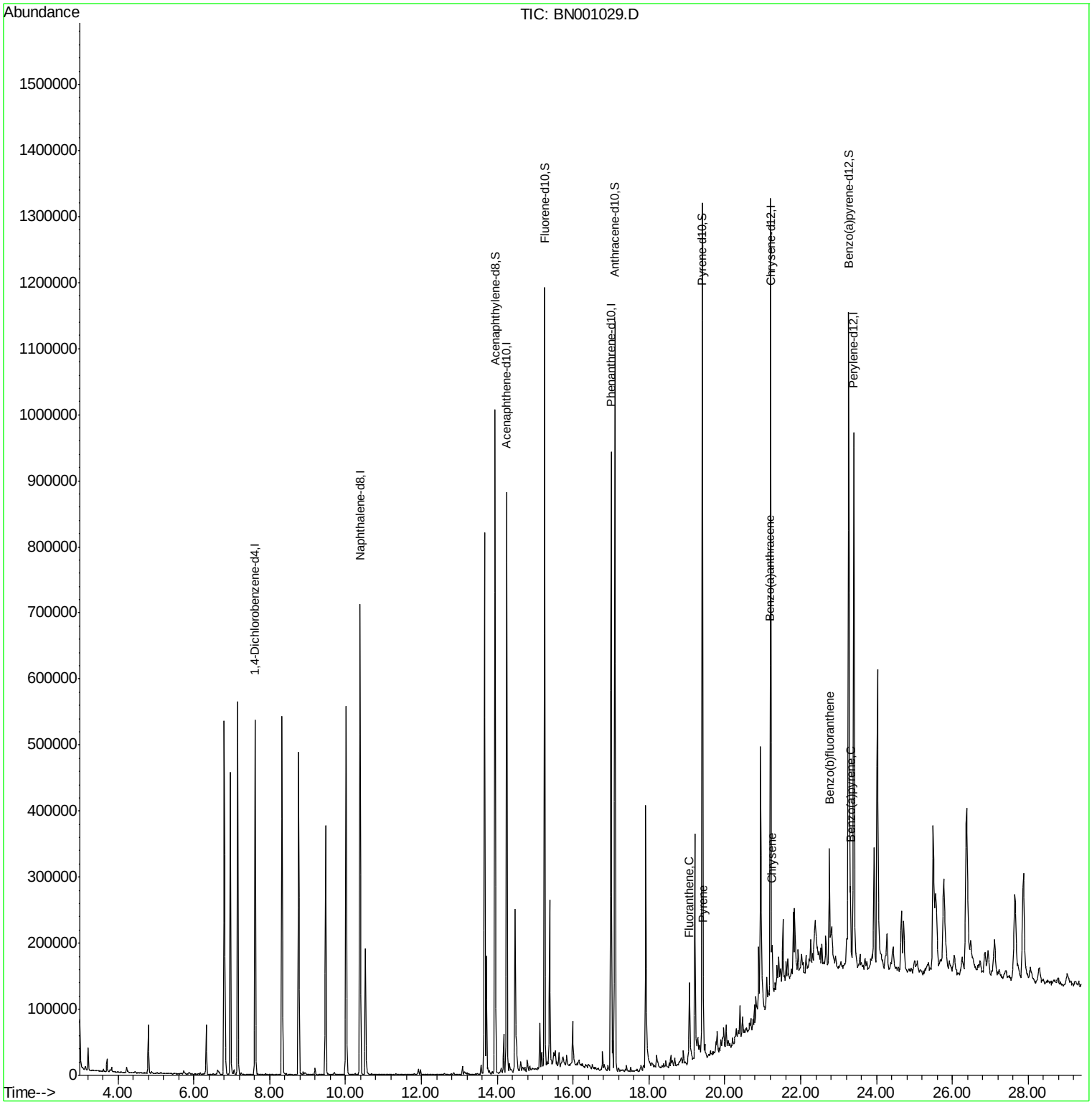
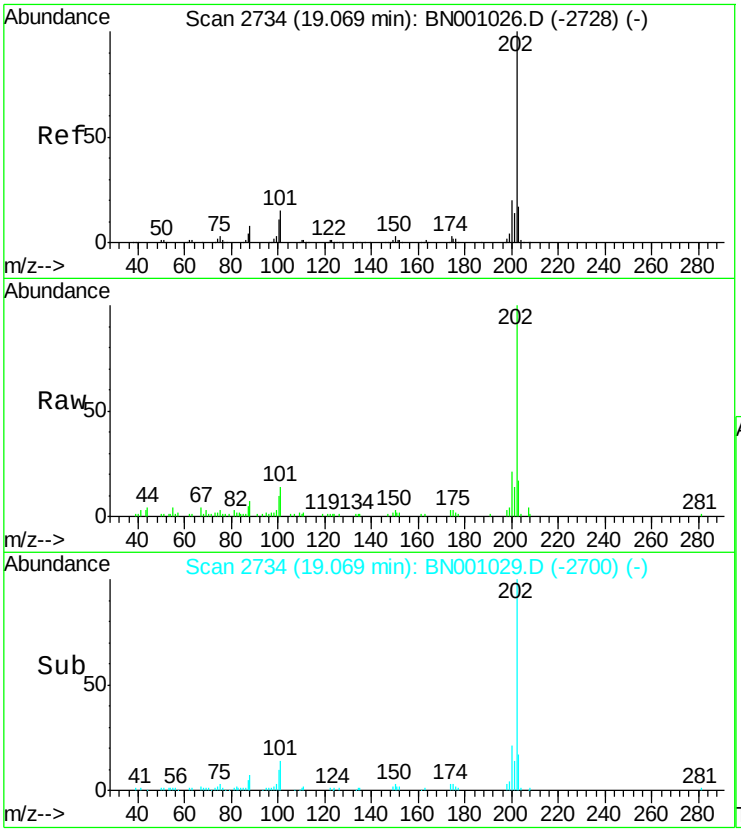
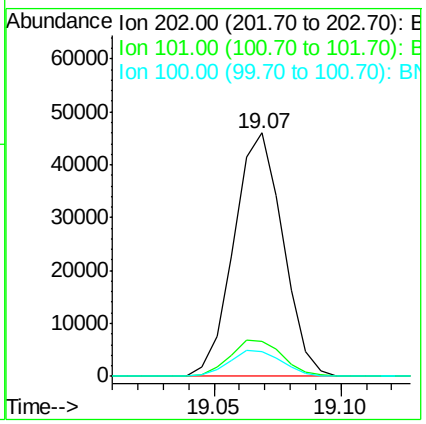




#16
Fluoranthene
Concen: 2.249 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

Tgt Ion:202 Resp: 62012

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	10.0	7.4	11.0



Instrument :
BNA_N
ClientSampleId :
DAT75

Manual Integrations APPROVED
Sohil
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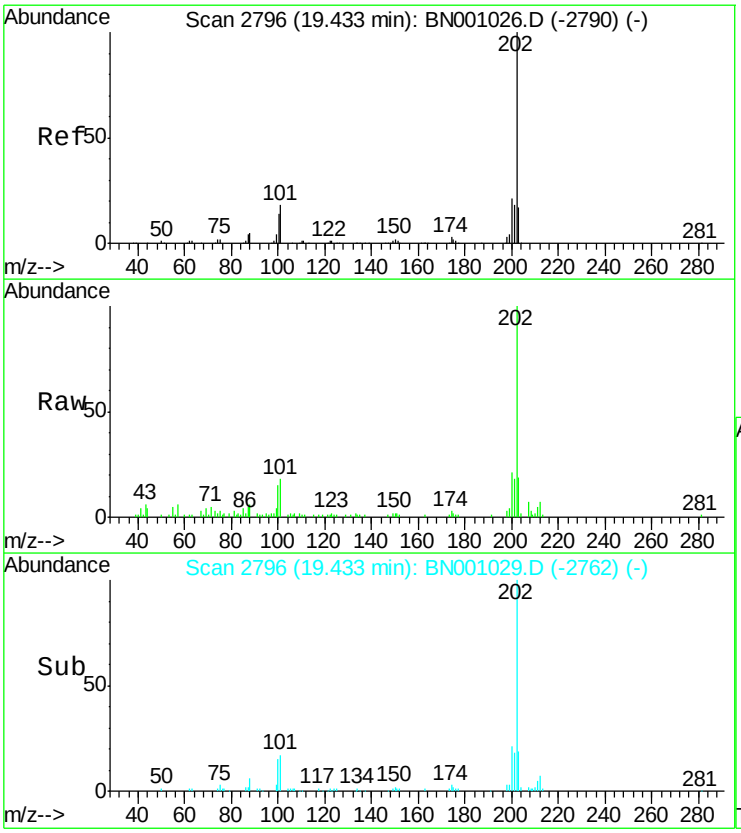
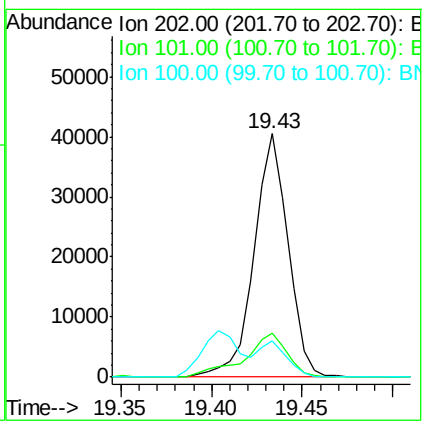
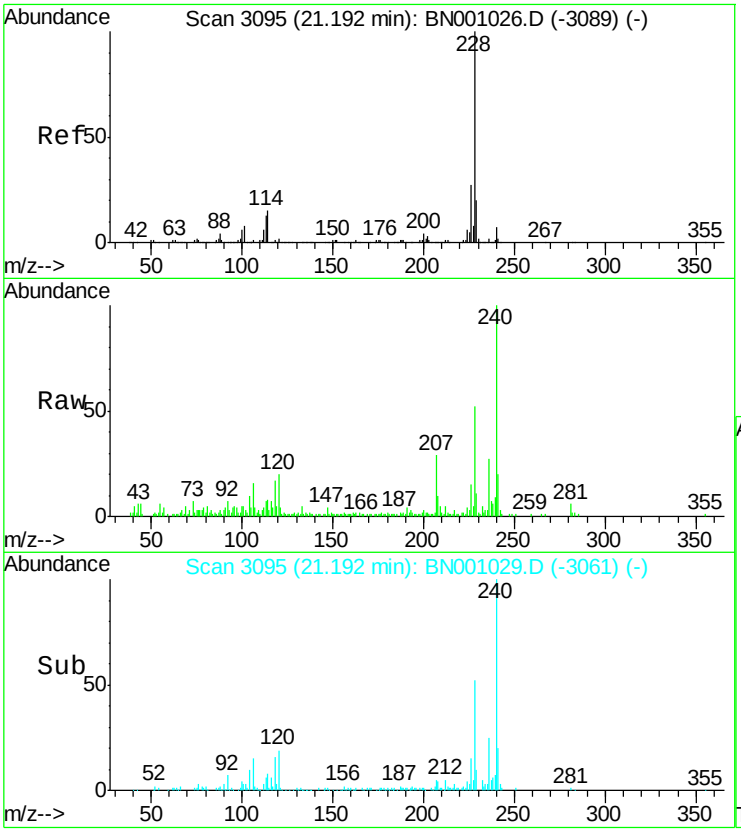


#19
Pyrene
Concen: 1.741 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

Tgt Ion:202 Resp: 53059

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.7	8.1	12.1#

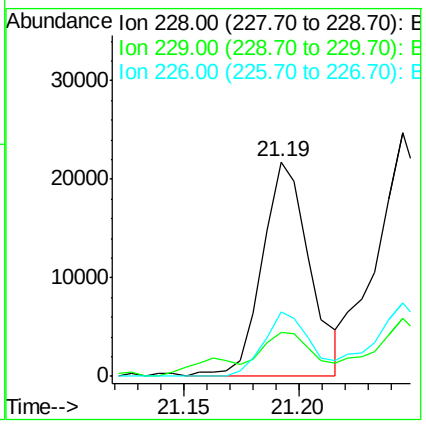




#20
Benzo(a)anthracene
Concen: 1.100 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

Tgt Ion:228 Resp: 31215

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	29.7	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DAT75

Manual Integrations APPROVED
Sohil
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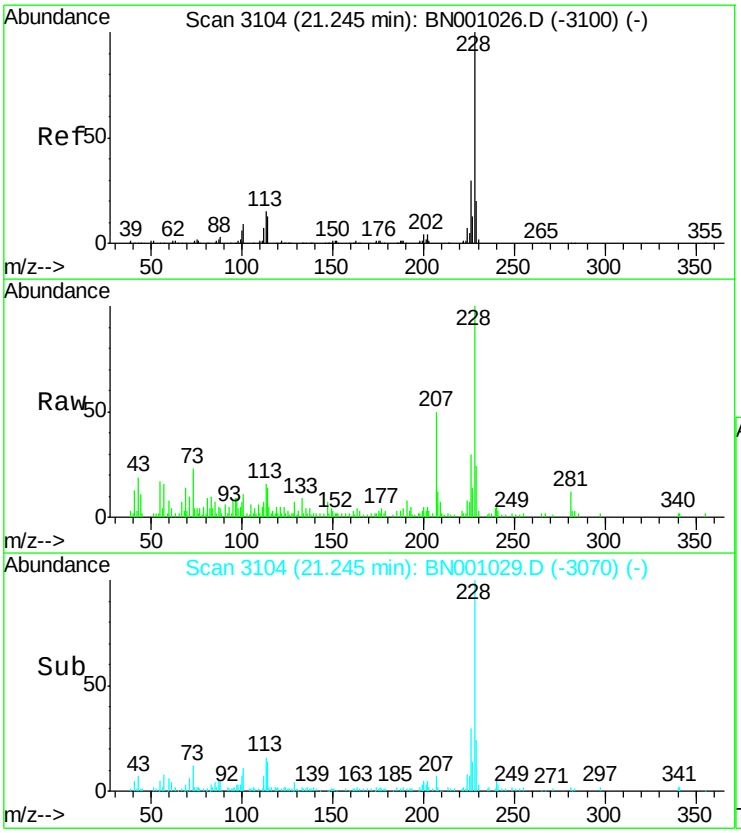
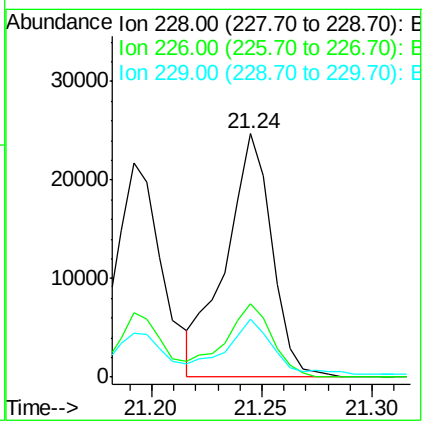
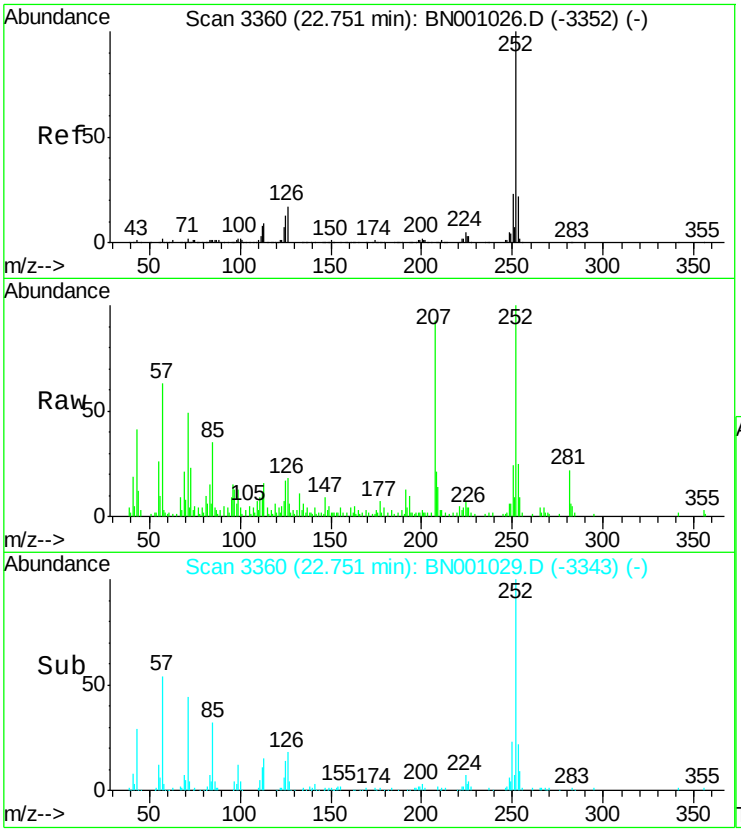


#21
Chrysene
Concen: 1.355 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

Tgt Ion:228 Resp: 36131

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	24.0	15.8	23.8#





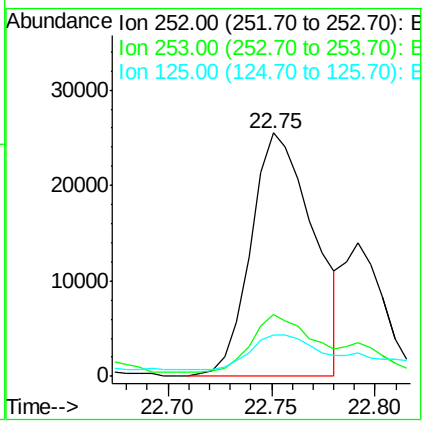
#23
Benzo(b)fluoranthene
Concen: 1.898 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

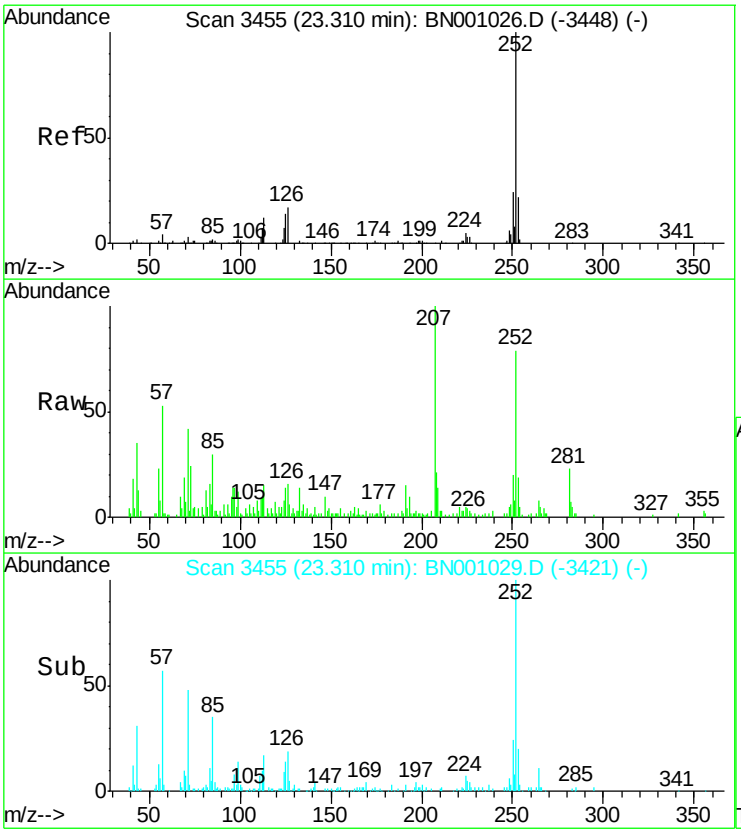
Tgt Ion:252 Resp: 53990

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	17.1	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
DAT75

Manual Integrations APPROVED
Sohil
5/2/2018 11:09:39 AM





#26
Benzo(a)pyrene
Concen: 1.235 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.00 min
Lab File: BN001029.D
Acq: 01 May 2018 14:26

Tgt Ion:252 Resp: 33565

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	17.2	8.2	12.4#