Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071919\
Data File : BN006933.D
Acq On : 19 Jul 2019 20:23
Operator : HP/JU
Sample : K3823-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52Q9

Manual Integrations APPROVED
mohammad
7/22/2019 3:01:21 PM

Quant Time: Jul 22 14:32:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 23:29:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2367	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8457	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	4262	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9101m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7213m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6176m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3536	0.27	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	9133m	0.34	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.04	178	797m	0.027	ng/ul	
15) Fluoranthene	19.08	202	2154m	0.060	ng/ul	
17) Pyrene	19.43	202	1844	0.056	ng/ul#	75
18) Benzo(a)anthracene	21.22	228	639	0.022	ng/ul#	69
19) Chrysene	21.27	228	940	0.028	ng/ul#	78
21) Benzo(b)fluoranthene	22.80	252	1432m	0.057	ng/ul	
23) Benzo(a)pyrene	23.34	252	981m	0.040	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	727m	0.035	ng/ul	

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

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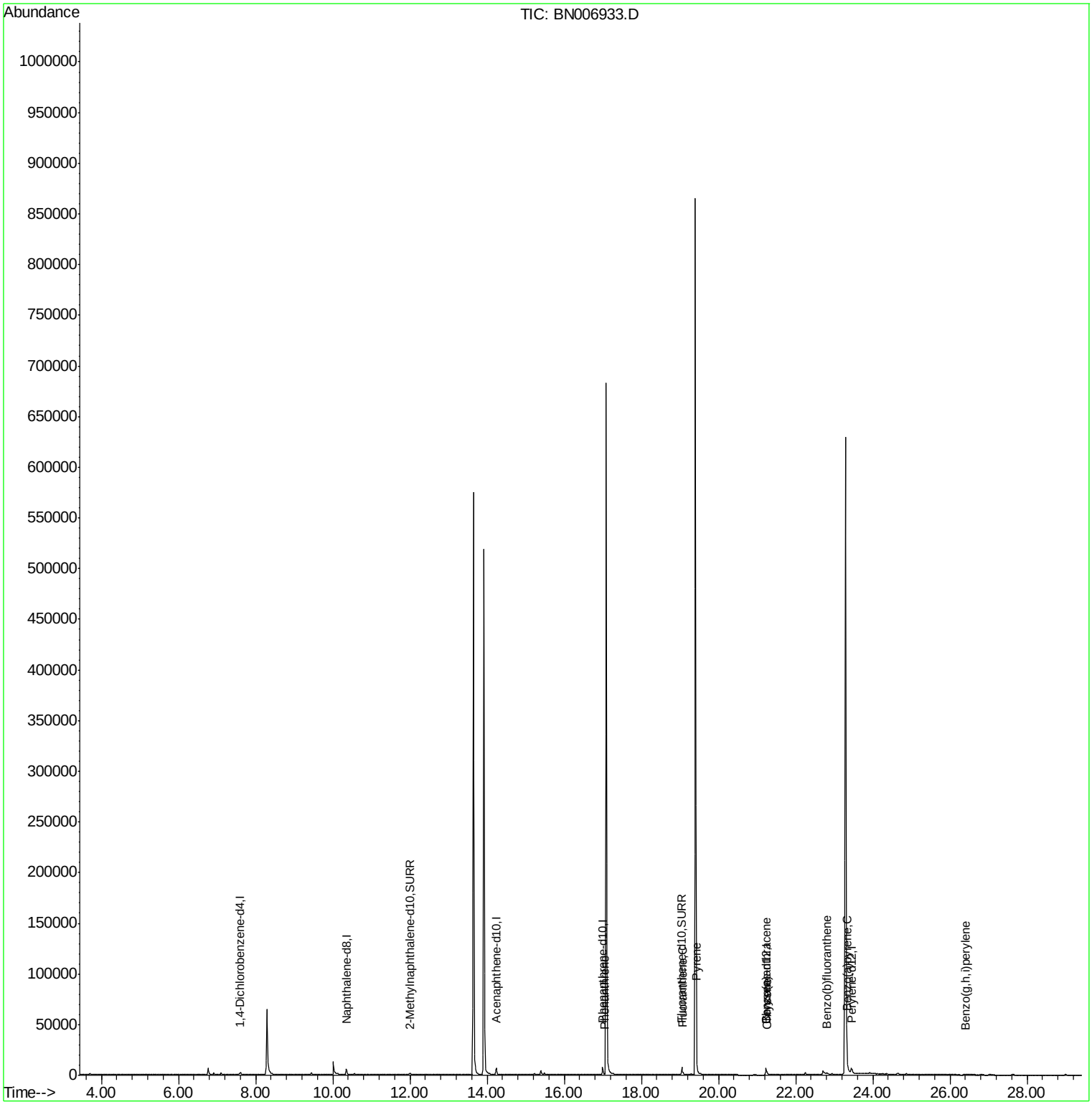

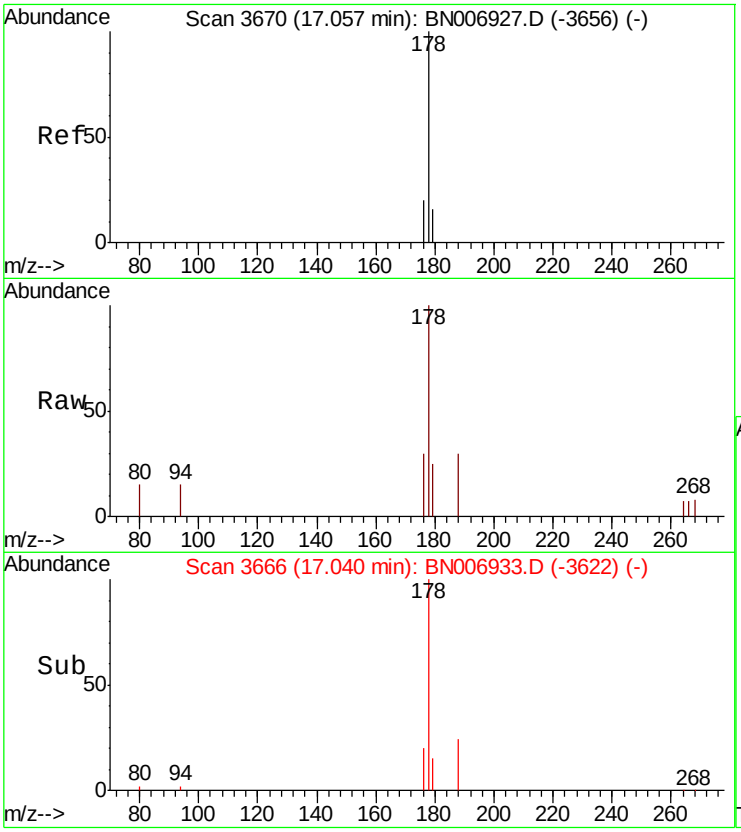

#12
Phenanthrene
Concen: 0.027 ng/ul m
RT: 17.04 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:178 Resp: 797

Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.6	19.0#
176	30.0	15.8	23.8#

Instrument :
BNA_N
ClientSampleId :
A52Q9

Manual Integrations APPROVED
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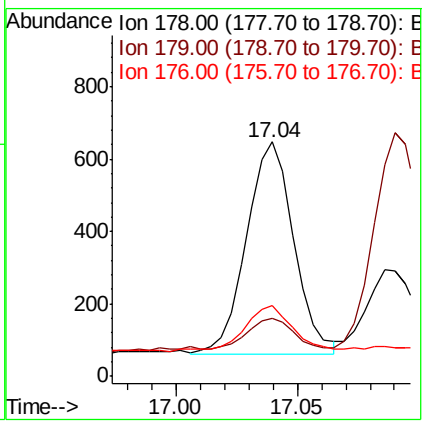
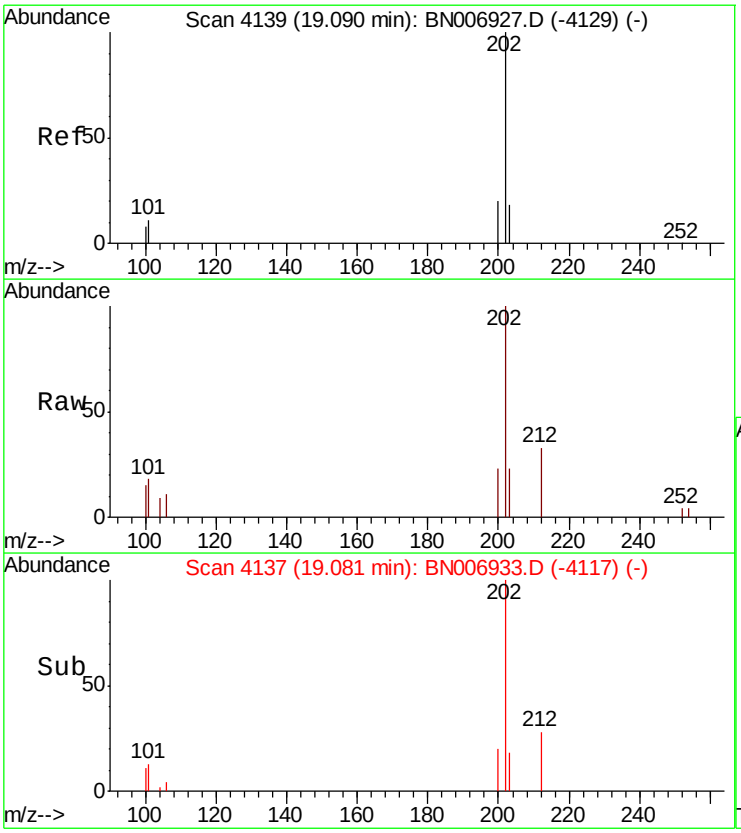
7/22/2019 3:01:21 PM

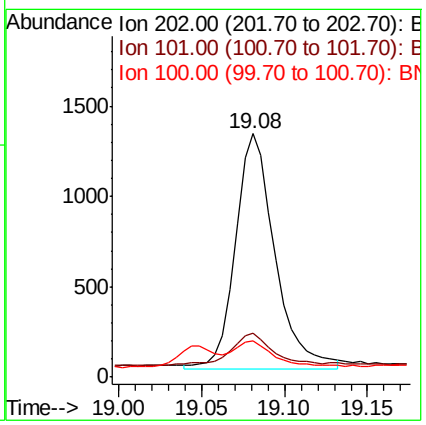


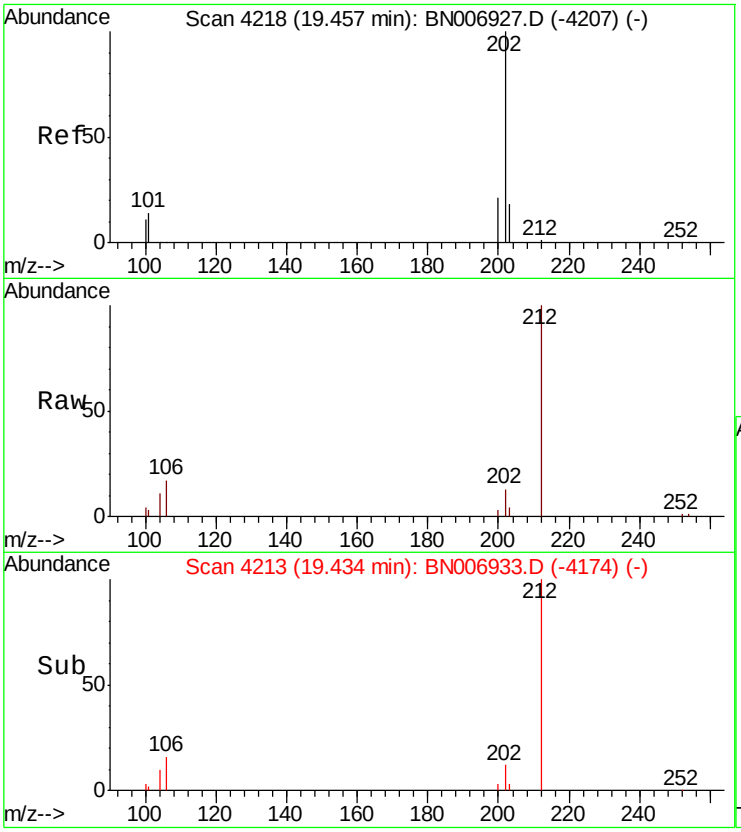


#15
Fluoranthene
Concen: 0.060 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:202 Resp: 2154

Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	33.2
100	14.7	0.0	29.9





#17
Pyrene
Concen: 0.056 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.02 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:202 Resp: 1844

Ion	Ratio	Lower	Upper
202	100		
101	20.3	12.2	18.2#
100	28.6	9.8	14.8#

Instrument :
BNA_N
ClientSampleId :
A52Q9

Manual Integrations APPROVED
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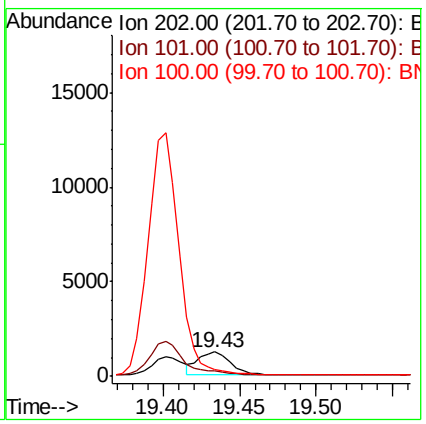
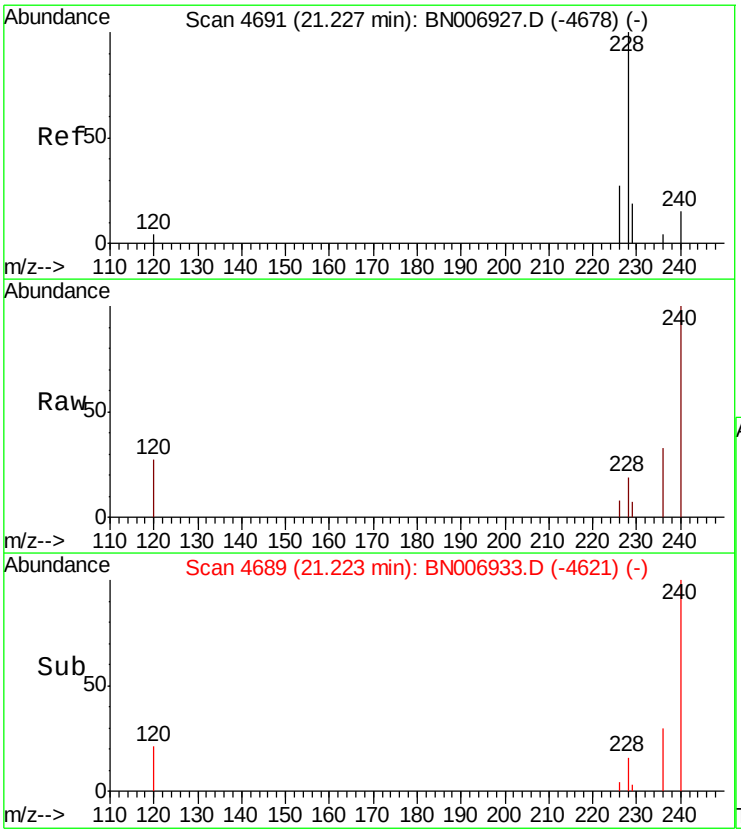
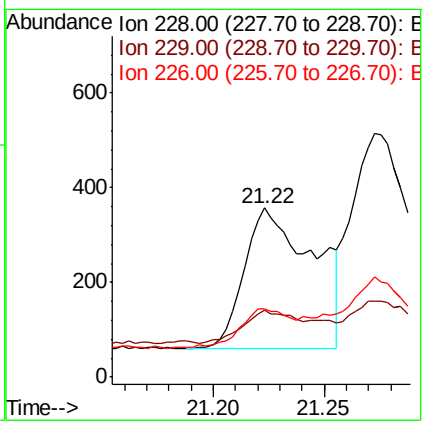


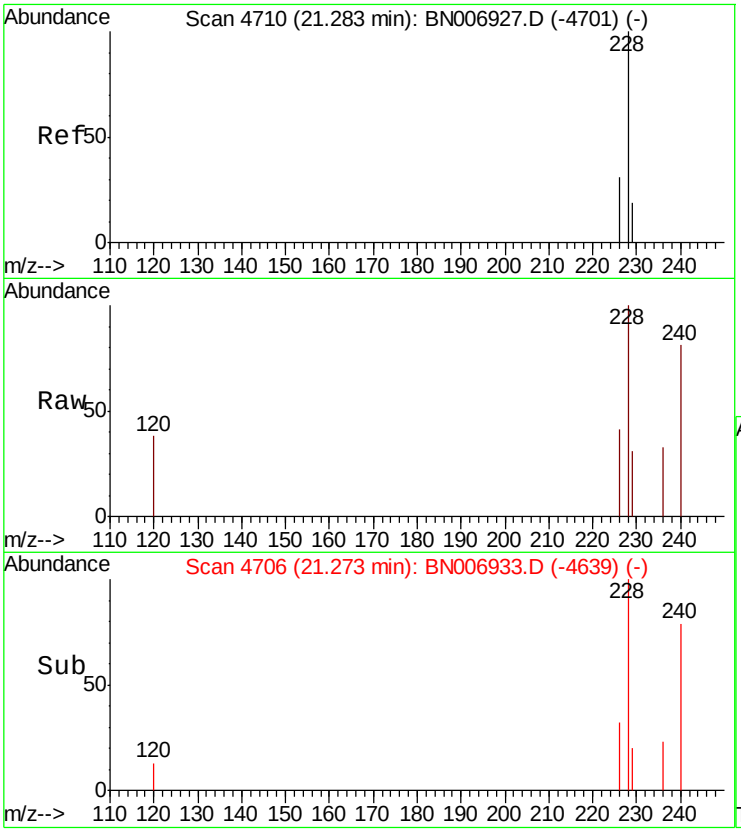


#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.22 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:228 Resp: 639

Ion	Ratio	Lower	Upper
228	100		
229	39.8	15.9	23.9#
226	40.3	22.6	34.0#





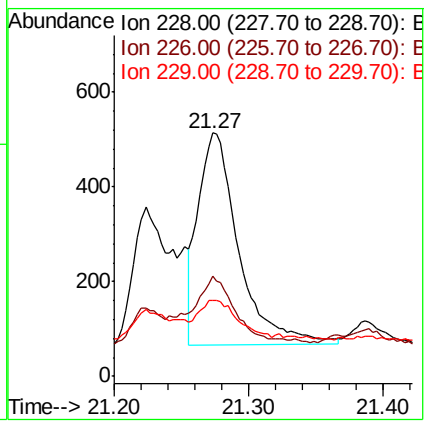
#19
Chrysene
Concen: 0.028 ng/ul
RT: 21.27 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

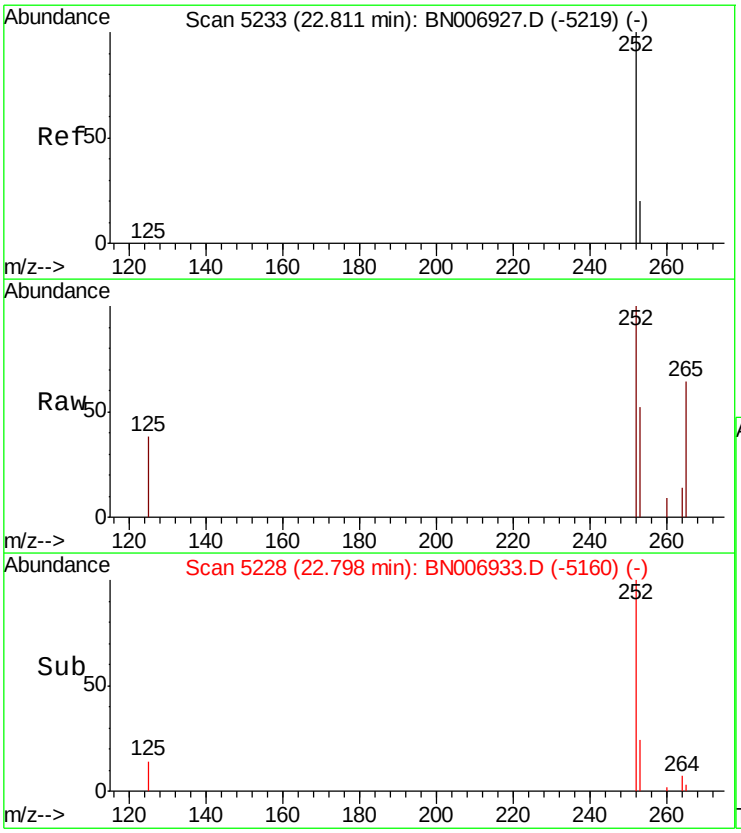
Tgt Ion:228 Resp: 940

Ion	Ratio	Lower	Upper
228	100		
226	41.1	24.2	36.4#
229	31.1	15.5	23.3#

Instrument :
BNA_N
ClientSampleId :
A52Q9

Manual Integrations APPROVED
mohammad
7/22/2019 3:01:21 PM

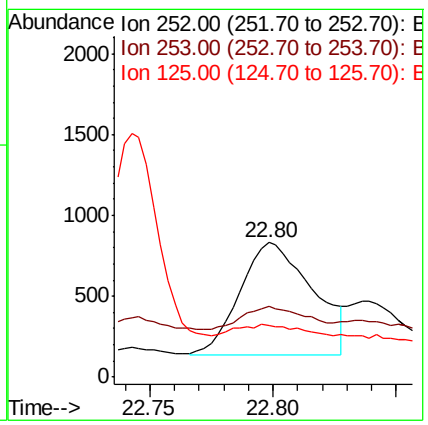


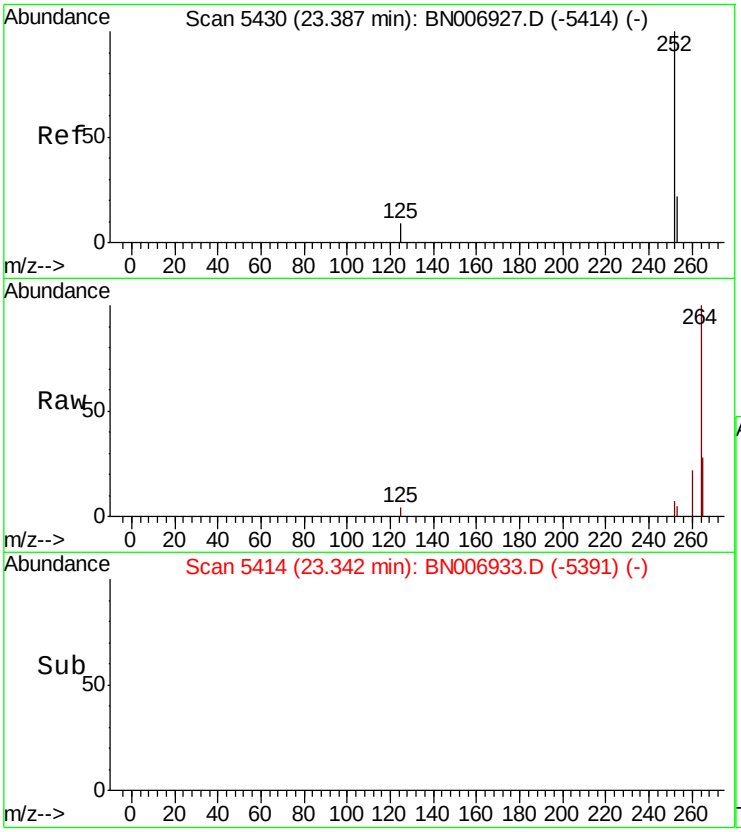


#21
Benzo(b)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.80 min Scan# 5228
Delta R.T. -0.00 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:252 Resp: 1432

Ion	Ratio	Lower	Upper
252	100		
253	52.2	0.0	47.8#
125	38.1	0.0	29.2#





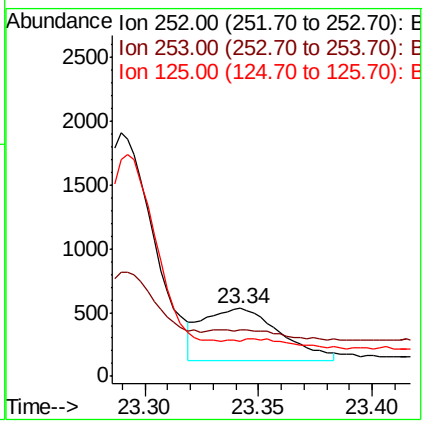
#23
Benzo(a)pyrene
Concen: 0.040 ng/ul m
RT: 23.34 min Scan# 5414
Delta R.T. -0.03 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

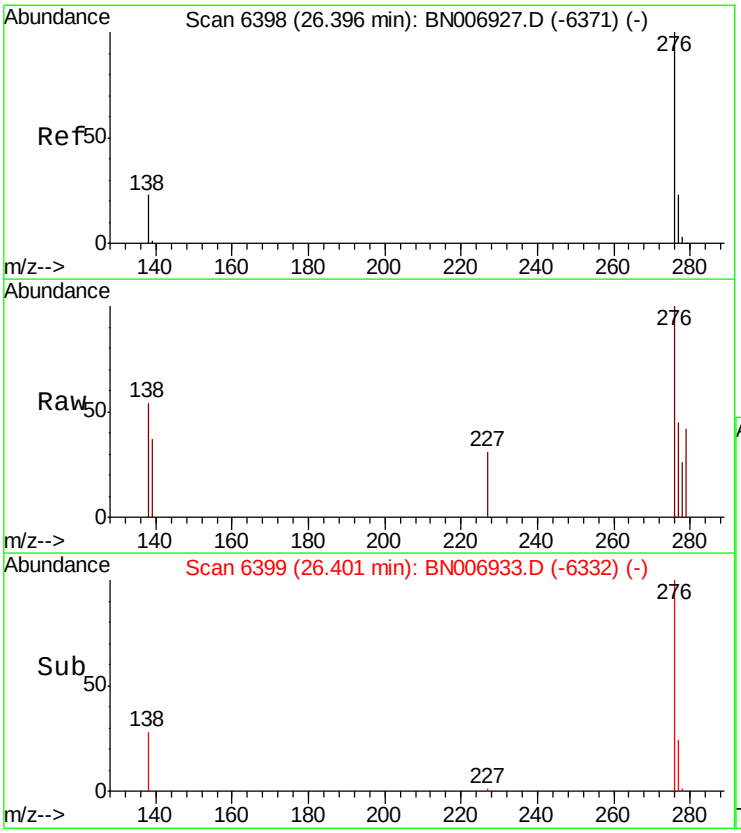
Tgt Ion:252 Resp: 981

Ion	Ratio	Lower	Upper
252	100		
253	69.0	19.4	29.2#
125	52.4	12.6	19.0#

Instrument :
BNA_N
ClientSampleId :
A52Q9

Manual Integrations APPROVED
mohammad
7/22/2019 3:01:21 PM





#26
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul m
RT: 26.40 min Scan# 6399
Delta R.T. 0.03 min
Lab File: BN006933.D
Acq: 19 Jul 2019 20:23

Tgt Ion:276 Resp: 727

Ion	Ratio	Lower	Upper
276	100		
138	53.8	22.2	33.2#
277	45.3	19.5	29.3#