Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013709.D
Acq On : 21 Feb 2021 04:18
Operator : CG/JU
Sample : M1415-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

Quant Time: Feb 22 01:17:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 23:16:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3675	0.40	ng/ul	0.00
2) Naphthalene-d8	10.30	136	14867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8740	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17938m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	15984	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	15372	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	6387	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	13169	0.27	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.97	178	4073	0.076	ng/ul#	95
15) Fluoranthene	19.00	202	7351	0.119	ng/ul	97
17) Pyrene	19.36	202	5948m	0.097	ng/ul	
18) Benzo(a)anthracene	21.12	228	3195	0.058	ng/ul#	83
19) Chrysene	21.17	228	3575	0.063	ng/ul#	83
21) Benzo(b)fluoranthene	22.66	252	5054m	0.086	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1595m	0.026	ng/ul	
23) Benzo(a)pyrene	23.21	252	2719	0.052	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.45	276	2050	0.031	ng/ul#	90
26) Benzo(g,h,i)perylene	26.10	276	1994	0.034	ng/ul#	47

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

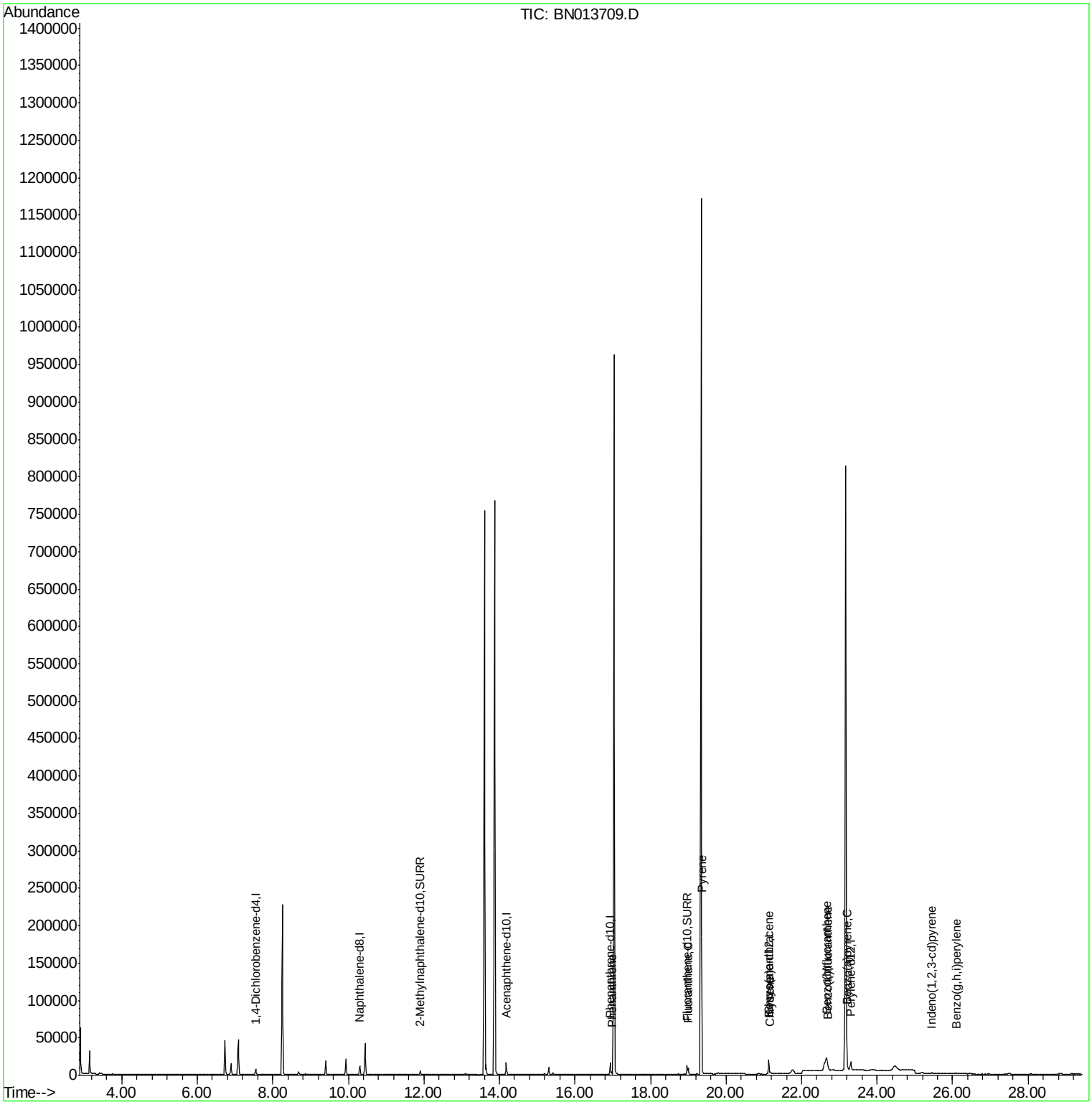
Quantitation Report (QT Reviewed)

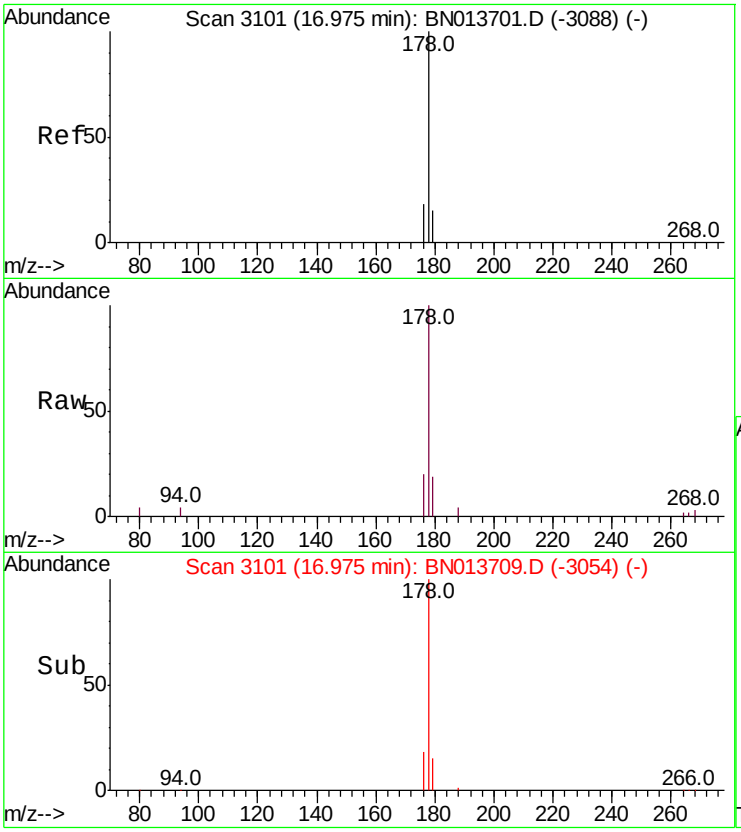
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022121\
Data File : BN013709.D
Acq On : 21 Feb 2021 04:18
Operator : CG/JU
Sample : M1415-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 22 01:17:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN022121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 23:16:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

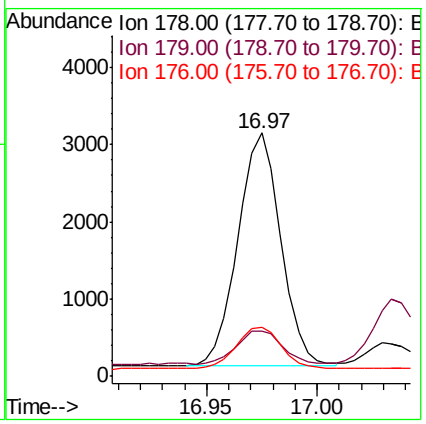




#12
Phenanthrene
Concen: 0.076 ng/ul
RT: 16.97 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

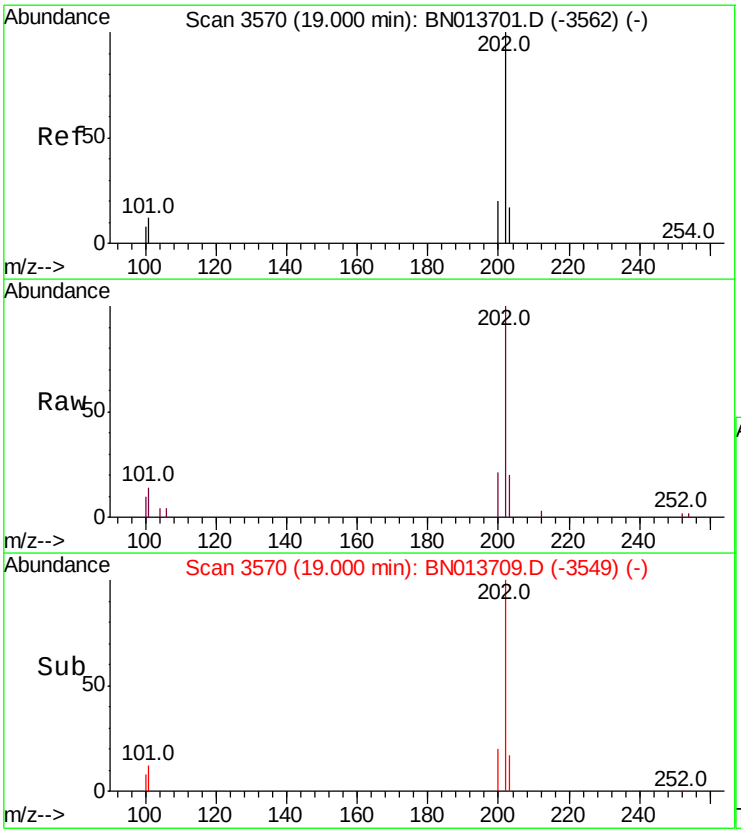
Tgt Ion:178 Resp: 4073

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.5	18.7#
176	20.2	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DBH21

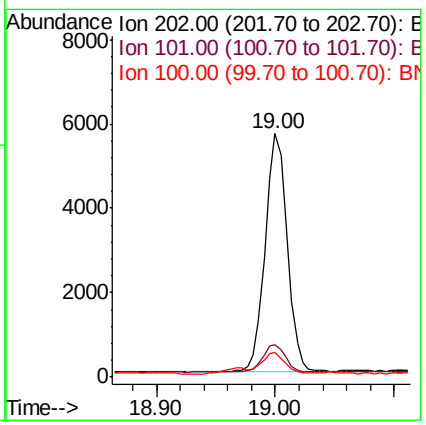
Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

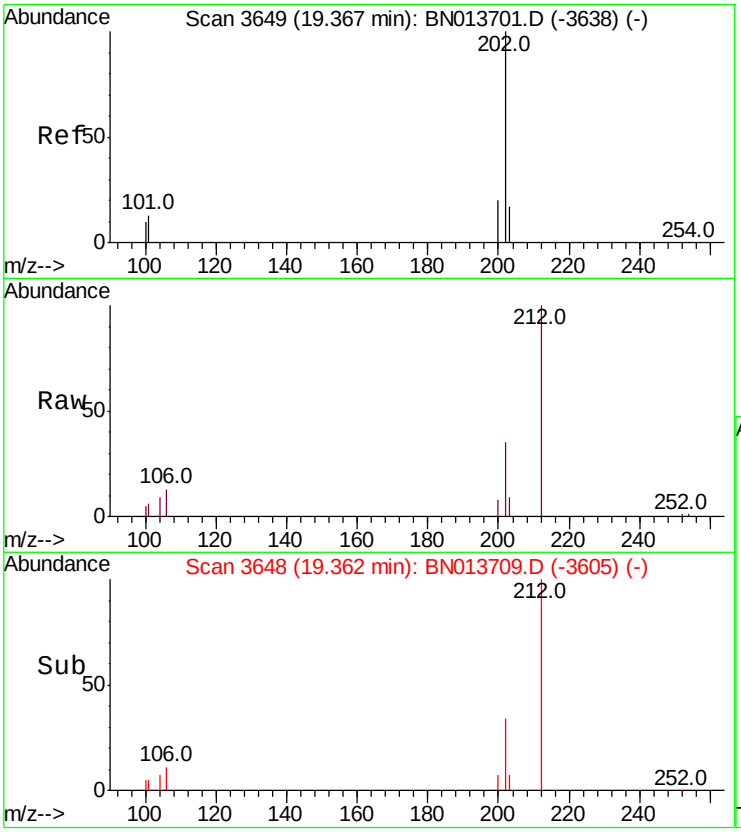


#15
Fluoranthene
Concen: 0.119 ng/ul
RT: 19.00 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

Tgt Ion:202 Resp: 7351

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.9
100	9.9	0.0	29.1





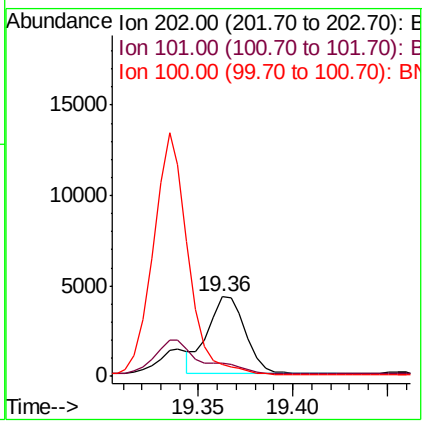
#17
Pyrene
Concen: 0.097 ng/ul m
RT: 19.36 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

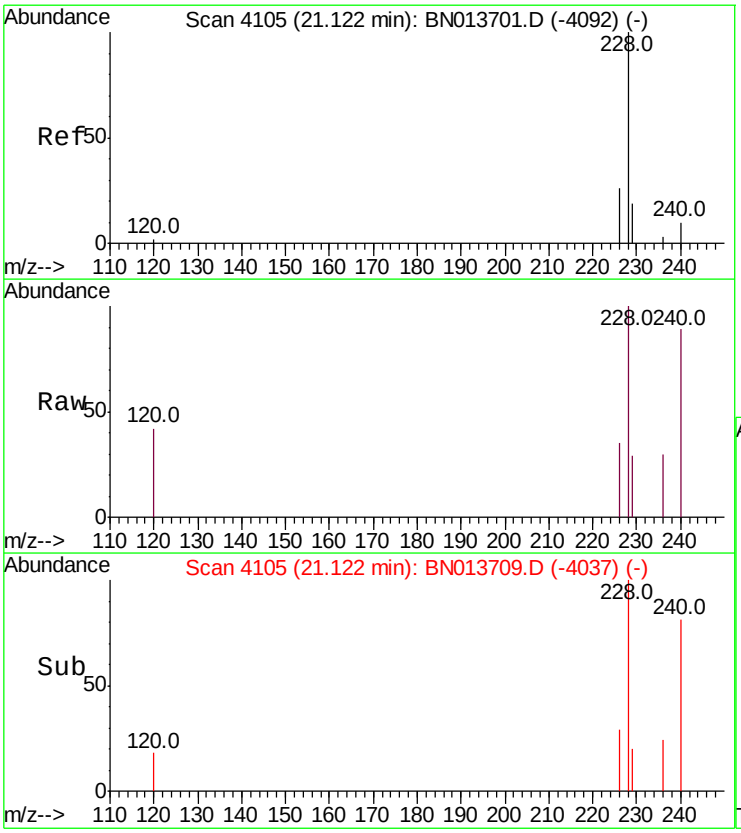
Tgt Ion:202 Resp: 5948

Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.5	17.3
100	15.6	9.3	13.9#

Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

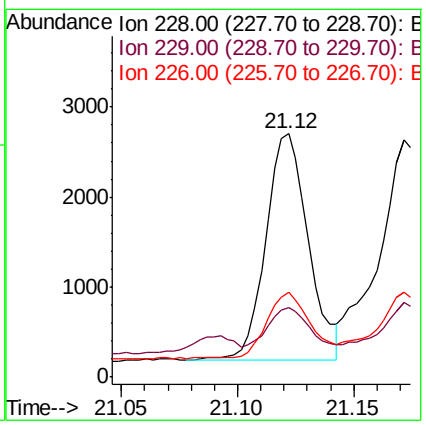


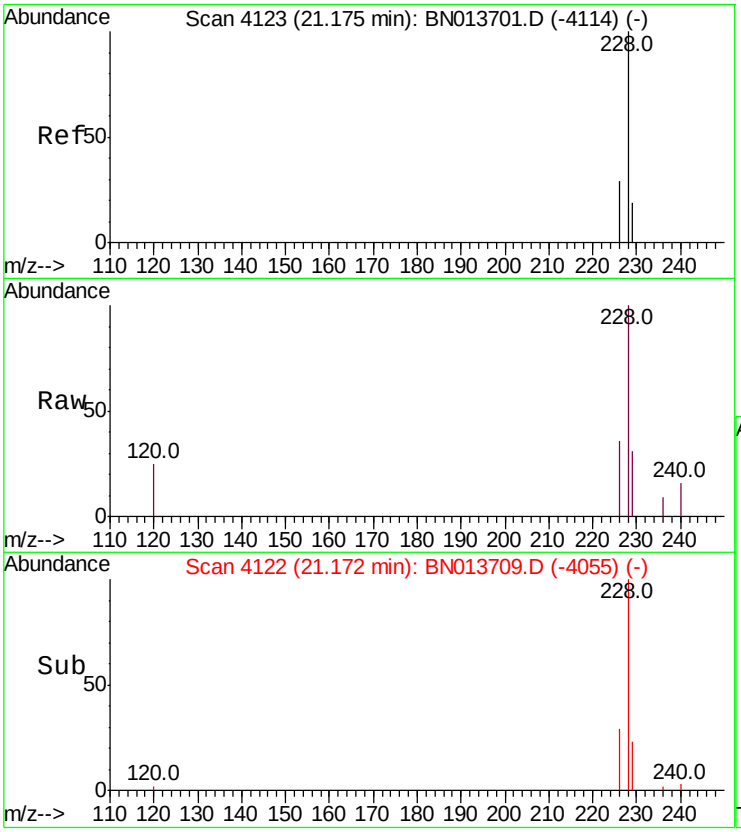


#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.12 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

Tgt Ion:228 Resp: 3195

Ion	Ratio	Lower	Upper
228	100		
229	28.6	15.8	23.8#
226	35.0	21.5	32.3#





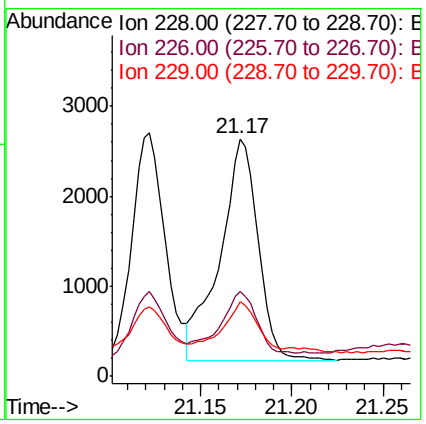
#19
Chrysene
Concen: 0.063 ng/ul
RT: 21.17 min Scan# 4122
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

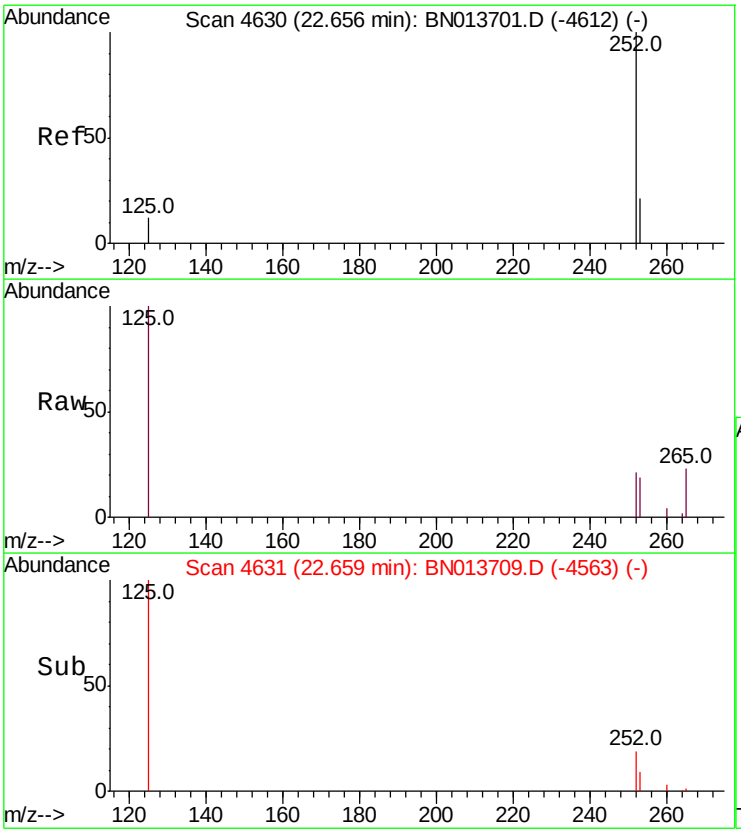
Tgt Ion:228 Resp: 3575

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.0	36.0
229	31.4	15.6	23.4#

Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

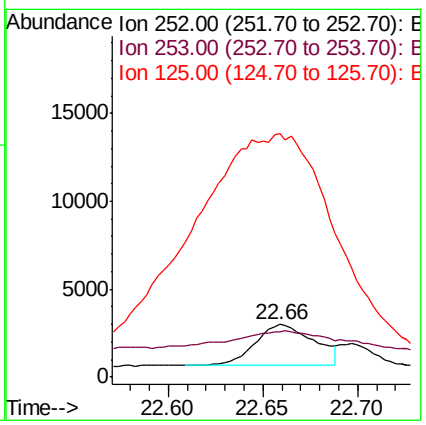


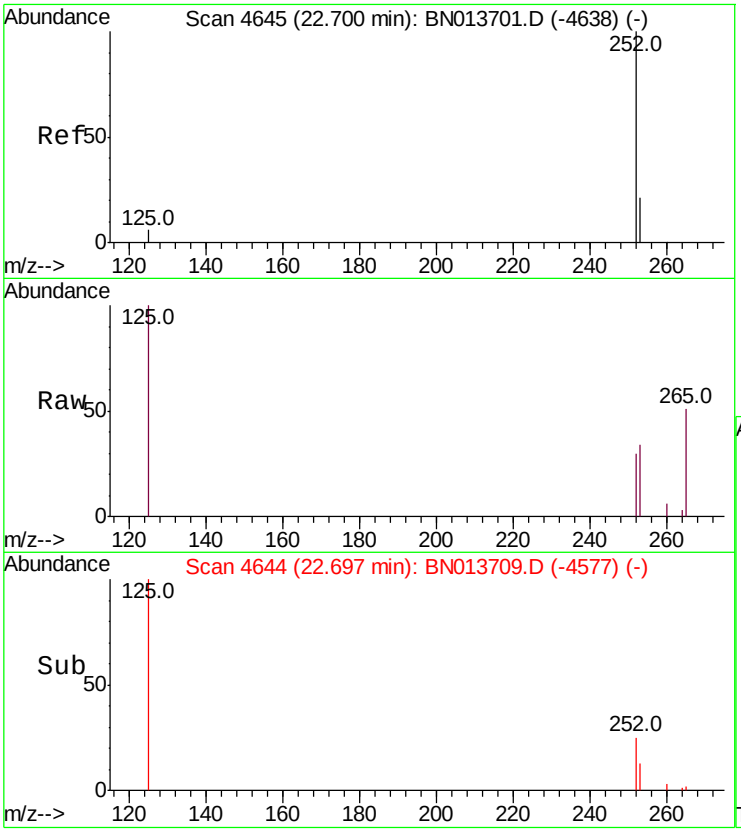


#21
Benzo(b)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.66 min Scan# 4631
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

Tgt Ion:252 Resp: 5054

Ion	Ratio	Lower	Upper
252	100		
253	87.0	0.0	55.4#
125	465.5	0.0	31.6#





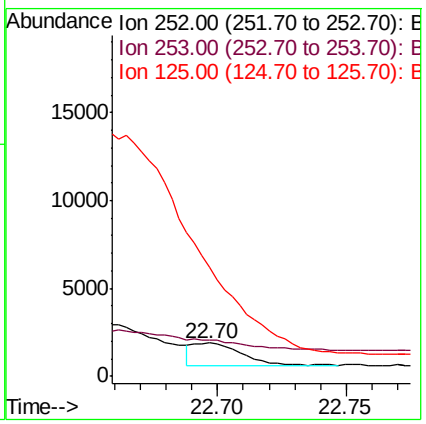
#22
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.70 min Scan# 4644
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

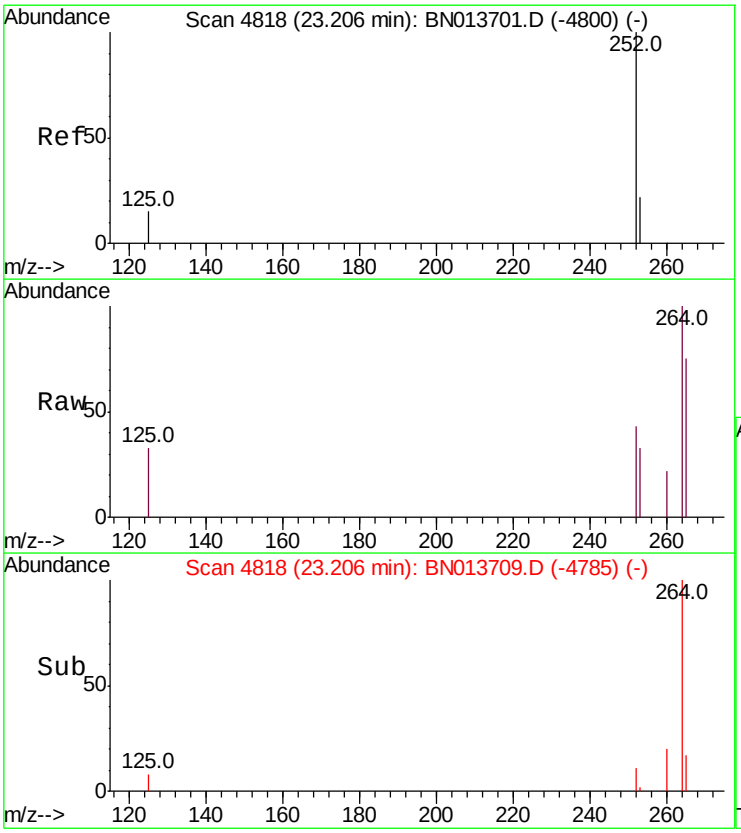
Tgt Ion:252 Resp: 1595

Ion	Ratio	Lower	Upper
252	100		
253	110.6	22.2	33.2#
125	329.1	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

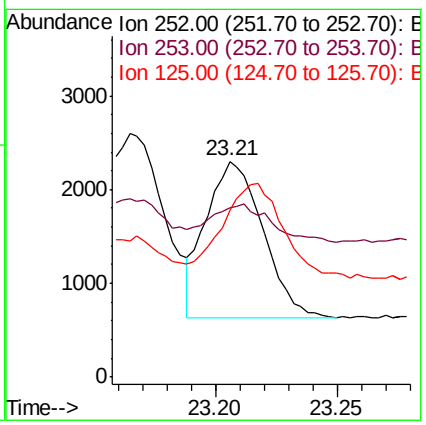


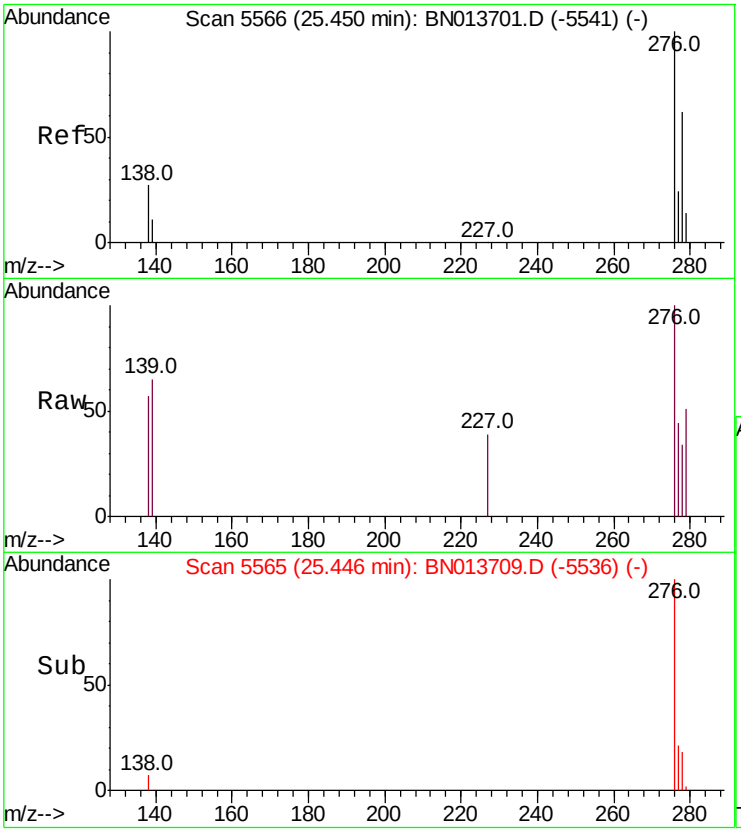


#23
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.21 min Scan# 4818
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

Tgt Ion:252 Resp: 2719

Ion	Ratio	Lower	Upper
252	100		
253	78.4	23.8	35.8#
125	77.6	17.0	25.6#





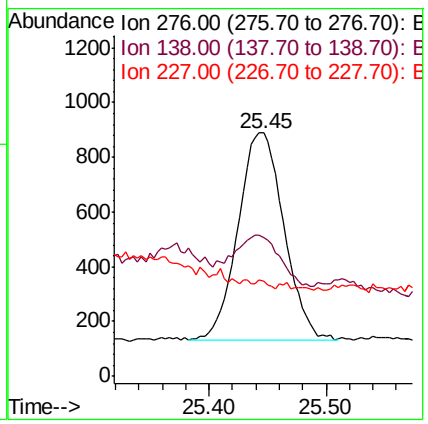
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.45 min Scan# 5565
Delta R.T. -0.00 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

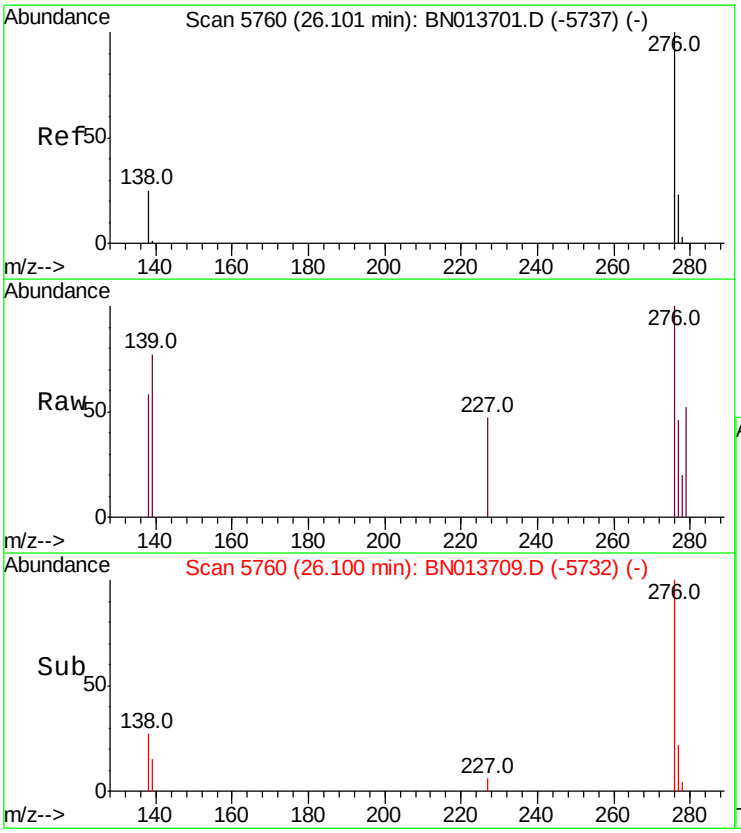
Instrument :
BNA_N
ClientSampleId :
DBH21

Manual Integrations APPROVED
mohammad
2/22/2021 2:14:10 PM

Tgt Ion:276 Resp: 2050

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.7	34.1
227	0.7	0.1	0.1#





#26
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.10 min Scan# 5760
Delta R.T. -0.01 min
Lab File: BN013709.D
Acq: 21 Feb 2021 04:18

Tgt Ion:276 Resp: 1994

Ion	Ratio	Lower	Upper
276	100		
138	57.8	21.0	31.4#
277	45.9	19.4	29.0#