Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

Quant Time: Aug 22 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93505	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	389518	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	258173	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	572005	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	570491	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	582447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	126373	18.84	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	465660	19.60	ng/ul	0.00
10) Fluorene-d10	15.56	176	356572	19.58	ng/ul	0.00
15) Anthracene-d10	17.41	188	515218	19.43	ng/ul	0.00
19) Pyrene-d10	19.70	212	567552	19.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	618599	19.46	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	77358	2.458	ng/ul	97
17) Fluoranthene	19.37	202	157757	4.496	ng/ul	99
20) Pyrene	19.73	202	144738	3.865	ng/ul#	96
21) Benzo(a)anthracene	21.54	228	121485	3.273	ng/ul	98
22) Chrysene	21.60	228	107317	2.991	ng/ul	96
24) Benzo(b)fluoranthene	23.70	252	173579	4.507	ng/ul	99
25) Benzo(k)fluoranthene	23.70	252	173579	4.543	ng/ul	99
27) Benzo(a)pyrene	24.53	252	127698	3.611	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	69952	1.580	ng/ul	98
30) Benzo(g,h,i)perylene	29.29	276	50034	1.350	ng/ul	95

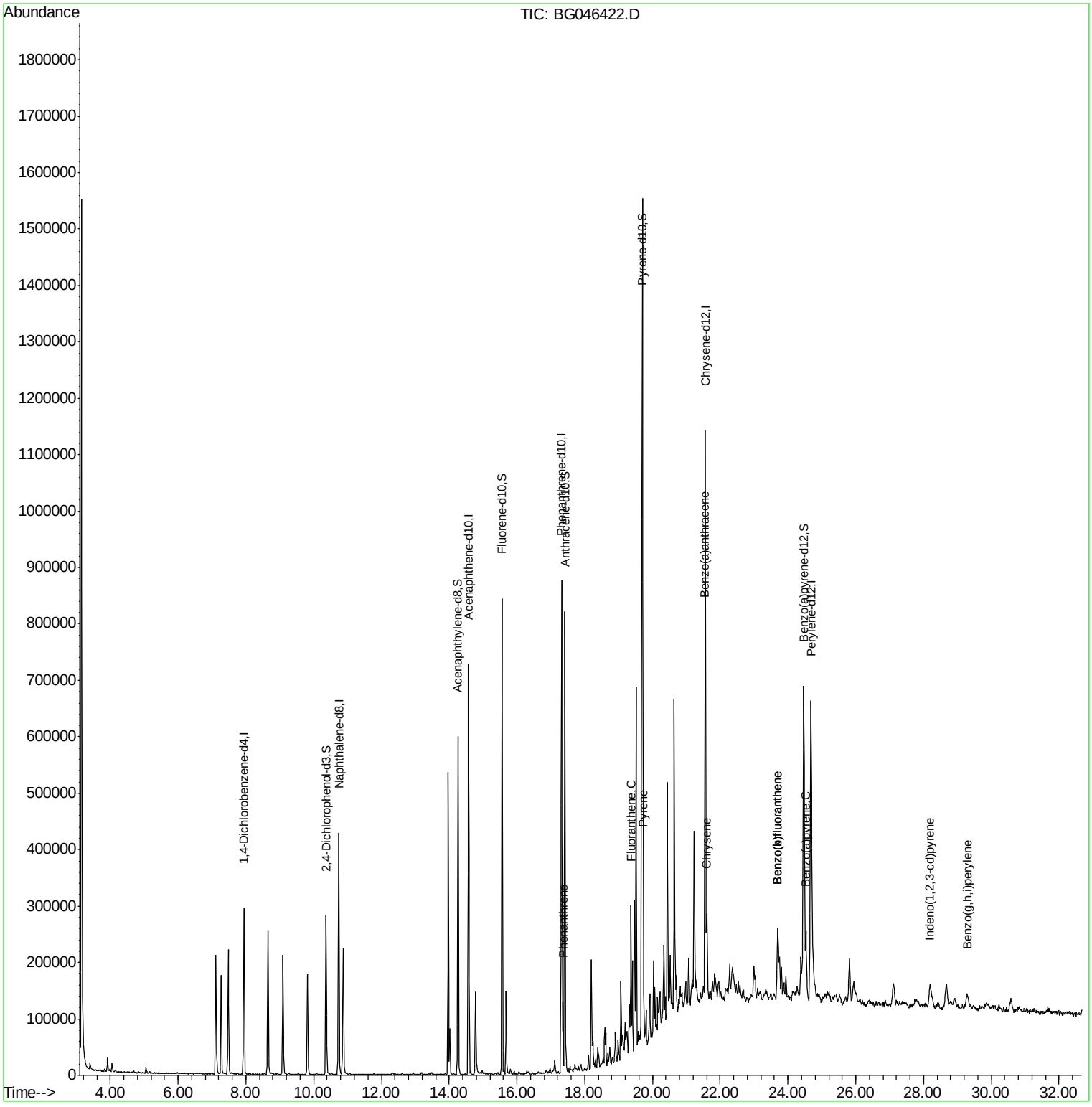
(#) = qualifier out of range (m) = manual integration (+) = signals summed

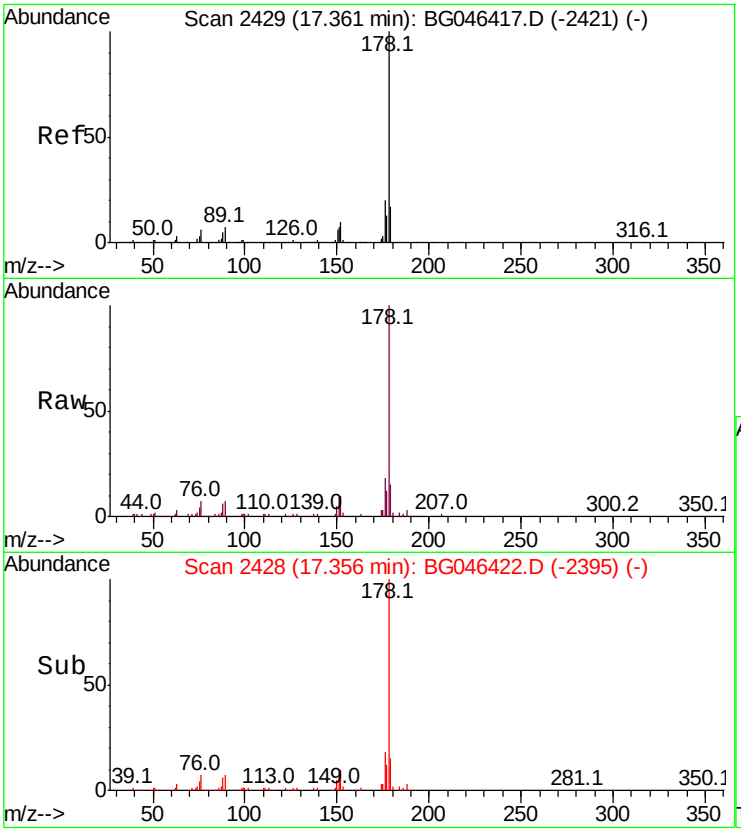
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046422.D
Acq On : 21 Aug 2020 20:44
Operator : CG/JU
Sample : L3649-07
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMX4

Quant Time: Aug 22 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration



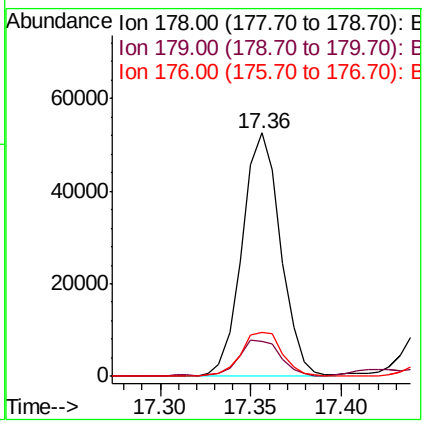


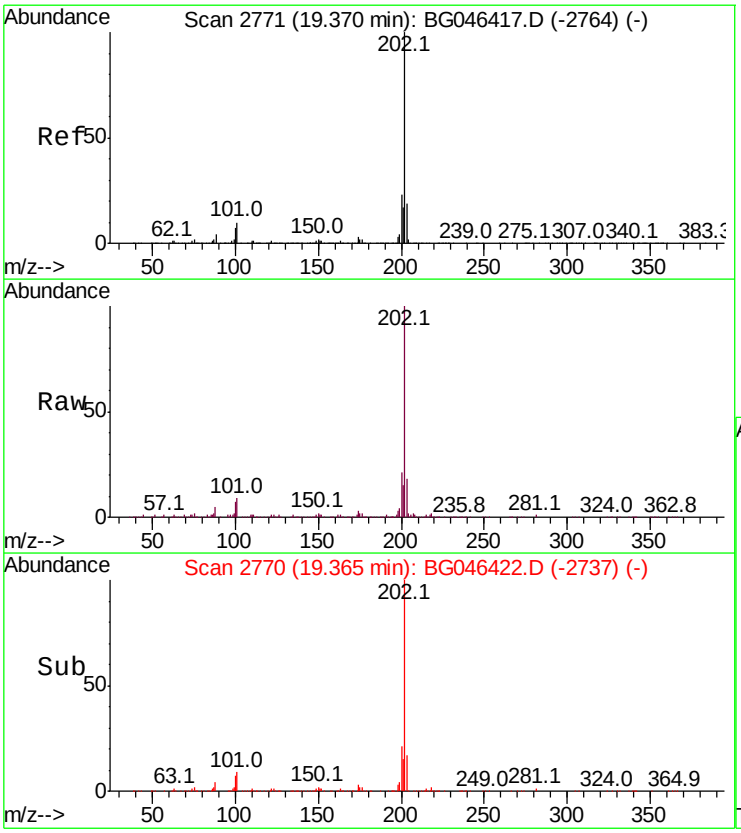
#14
Phenanthrene
Concen: 2.458 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Instrument :
BNA_G
ClientSampleId :
BFMX4

Tgt Ion:178 Resp: 77358

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.8	19.2
176	18.2	15.8	23.8

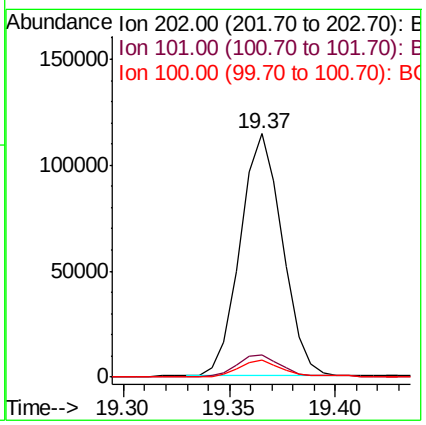


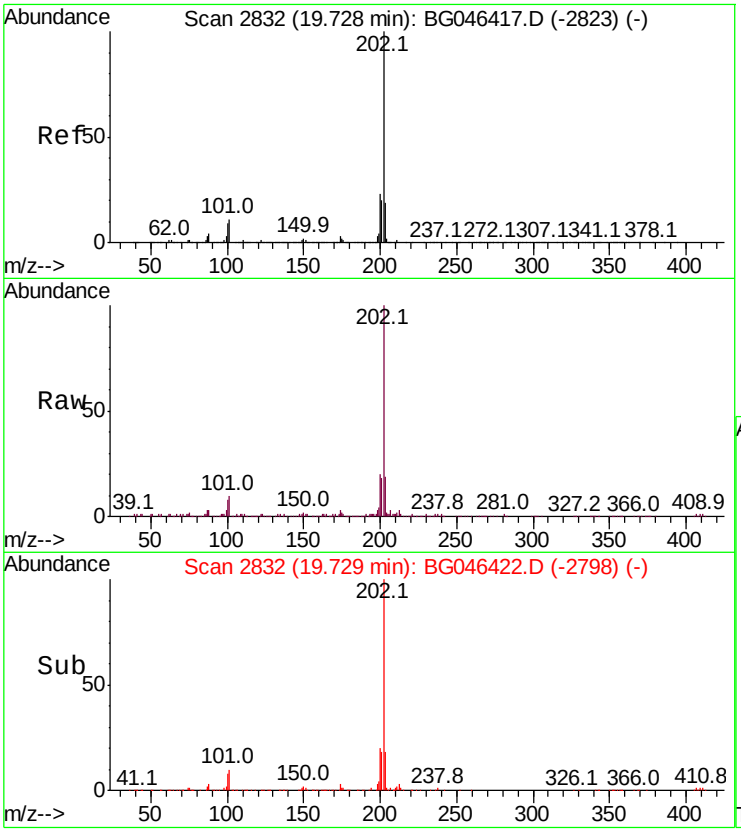


#17
Fluoranthene
Concen: 4.496 ng/ul
RT: 19.37 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Tgt Ion:202 Resp: 157757

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.6
100	7.2	5.9	8.9



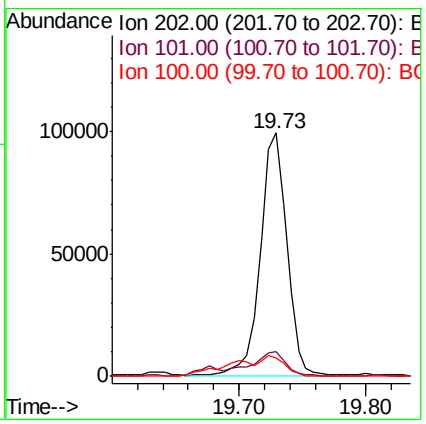


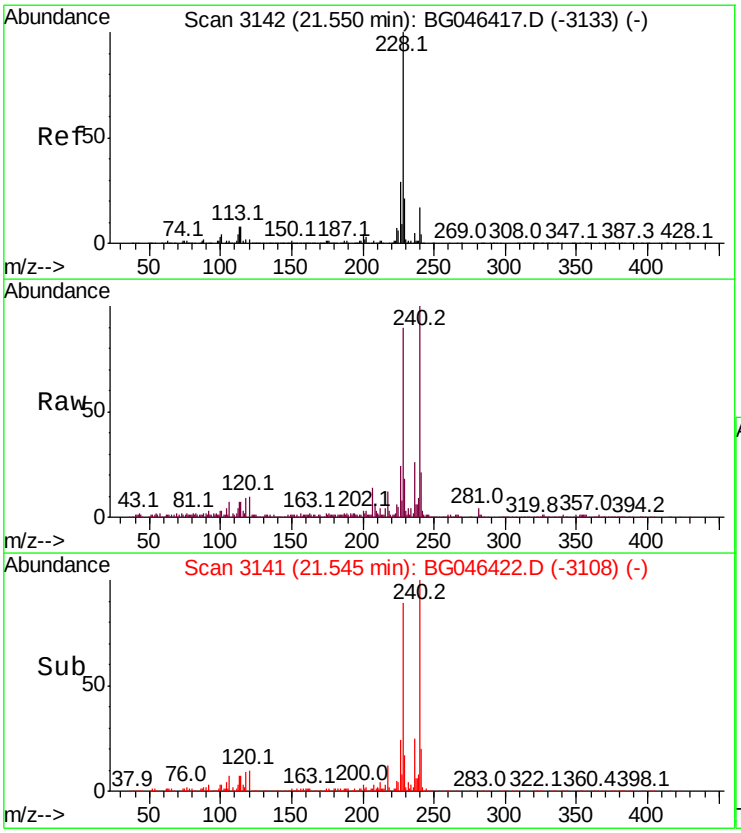
#20
Pyrene
Concen: 3.865 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Instrument :
BNA_G
ClientSampleId :
BFMX4

Tgt Ion:202 Resp: 144738

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
100	7.7	7.9	11.9#

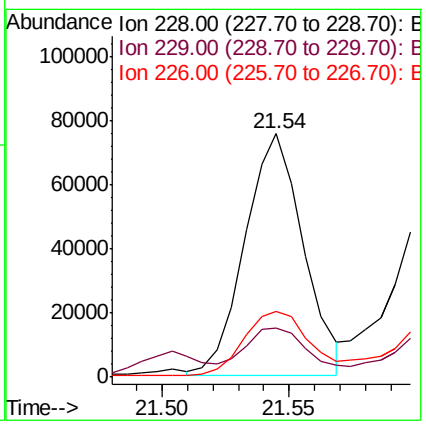


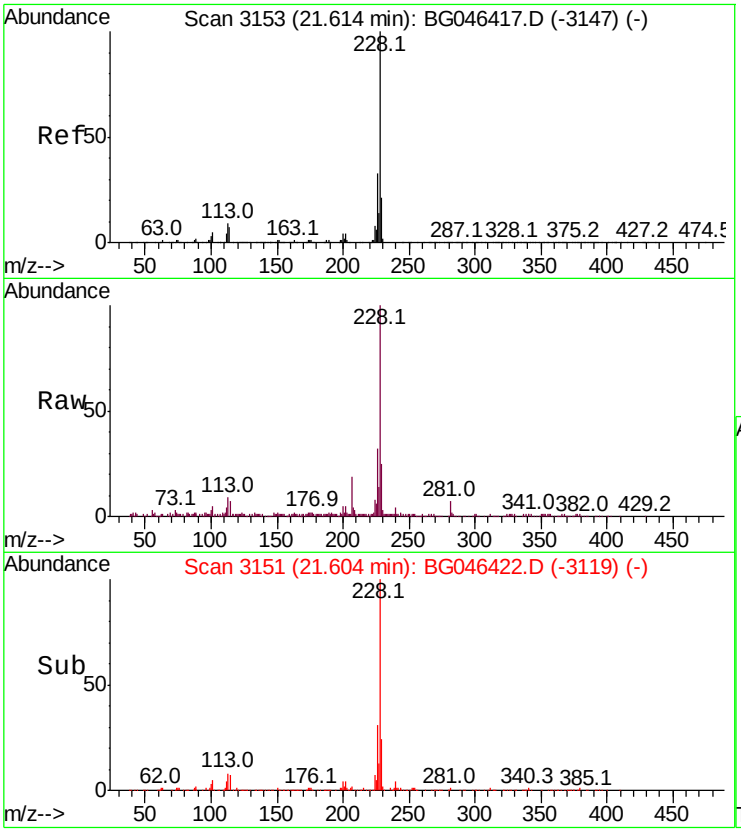


#21
Benzo(a)anthracene
Concen: 3.273 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Tgt Ion:228 Resp: 121485

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.6	25.0
226	27.1	22.6	33.8



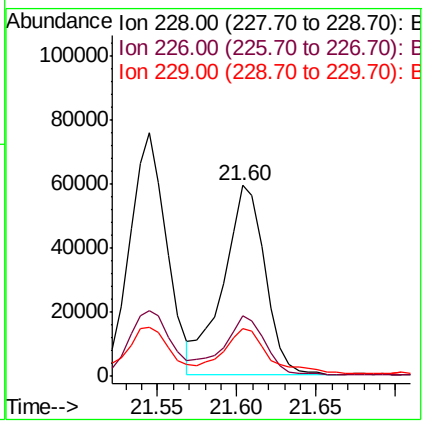


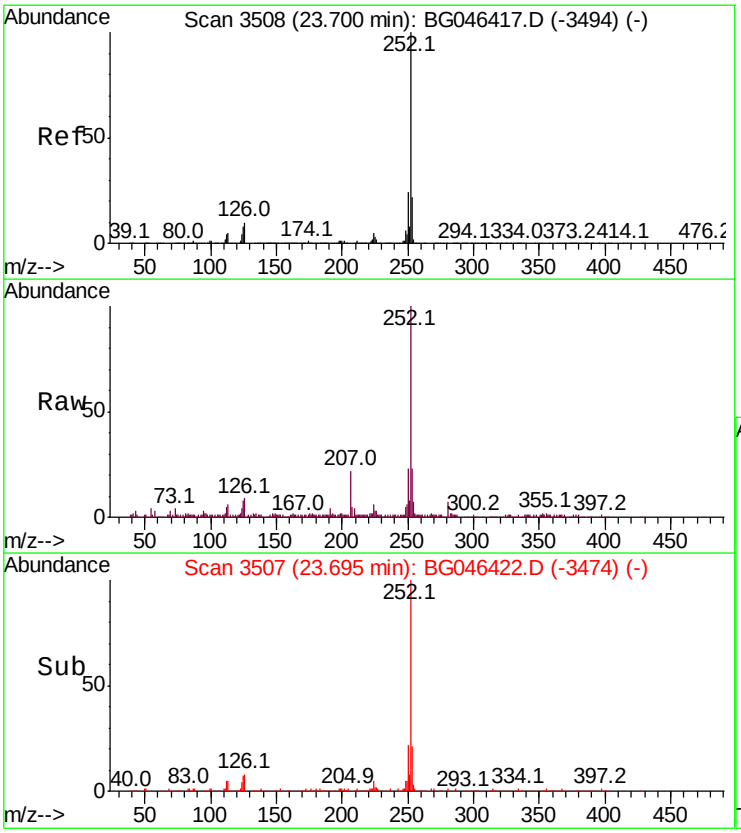
#22
Chrysene
Concen: 2.991 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Instrument :
BNA_G
ClientSampleId :
BFMX4

Tgt Ion:228 Resp: 107317

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	25.1	17.0	25.4

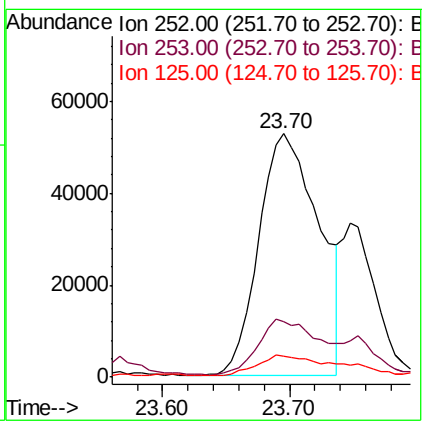


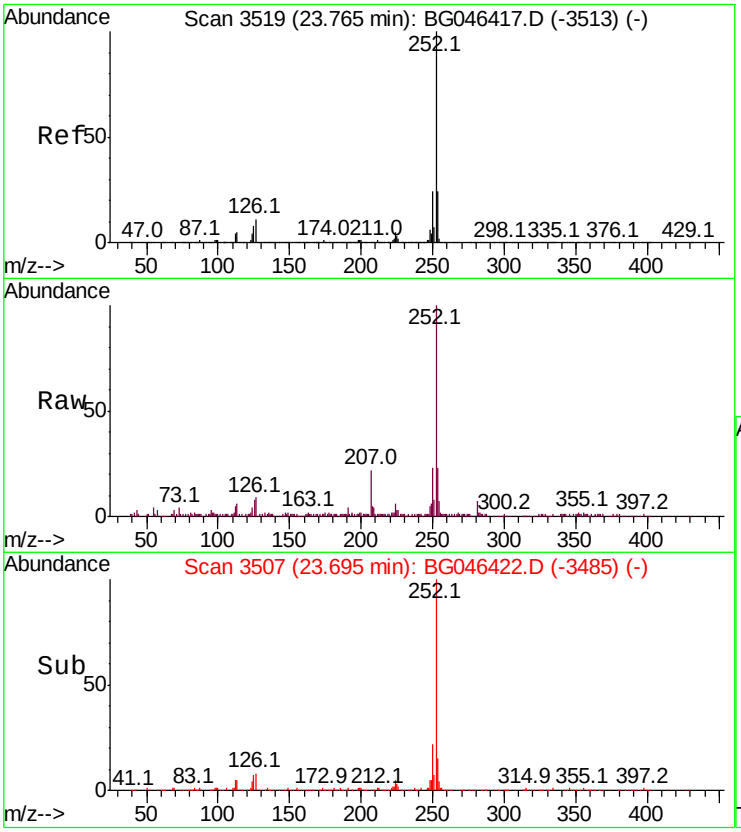


#24
Benzo(b)fluoranthene
Concen: 4.507 ng/ul
RT: 23.70 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Tgt Ion:252 Resp: 173579

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.4	6.4	9.6



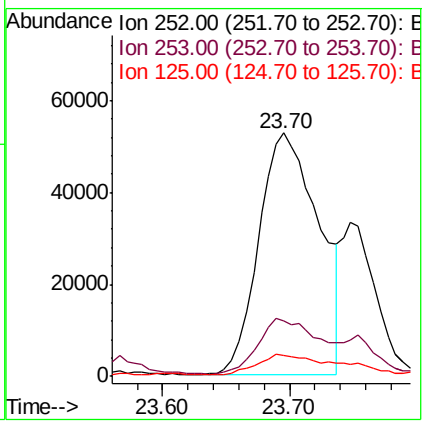


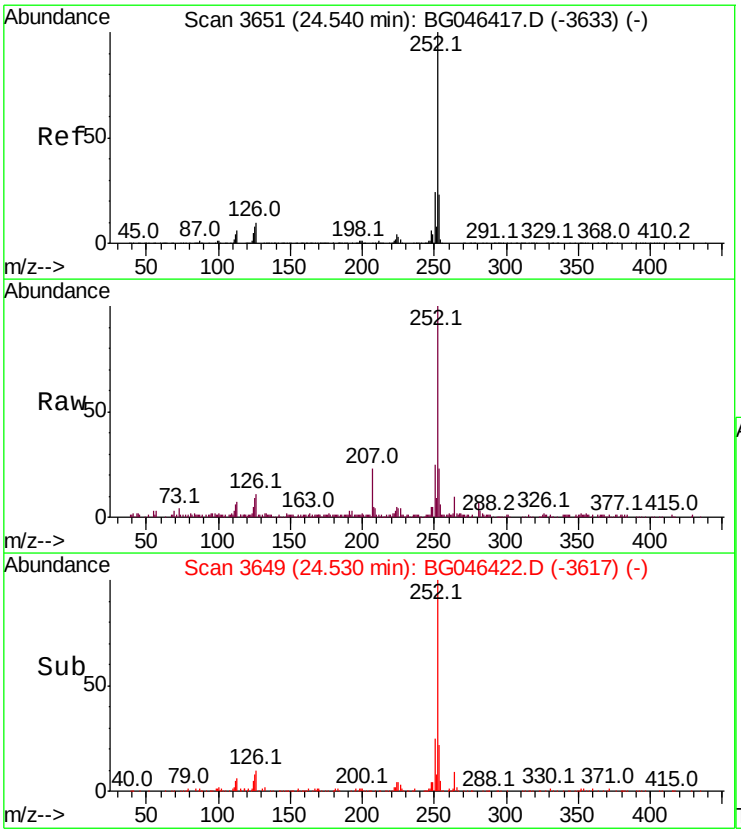
#25
Benzo(k)fluoranthene
Concen: 4.543 ng/ul
RT: 23.70 min Scan# 3507
Delta R.T. -0.07 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Instrument :
BNA_G
ClientSampleId :
BFMX4

Tgt Ion:252 Resp: 173579

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	8.4	6.2	9.2

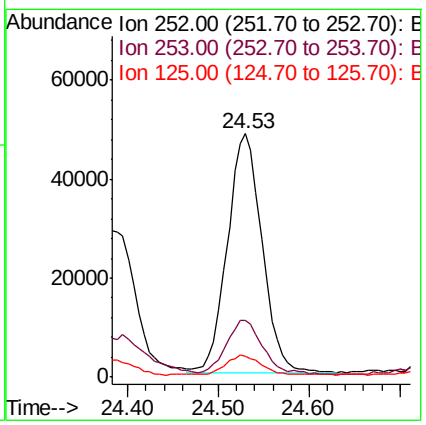


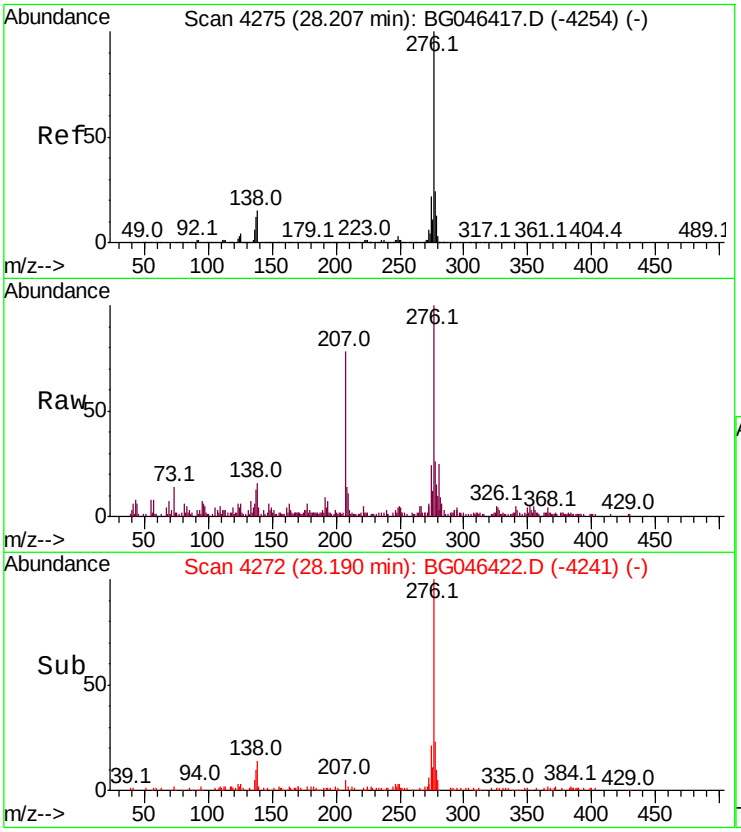


#27
Benzo(a)pyrene
Concen: 3.611 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Tgt Ion:252 Resp: 127698

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.8	7.1	10.7



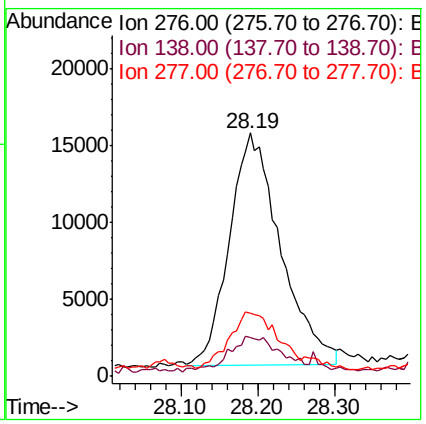


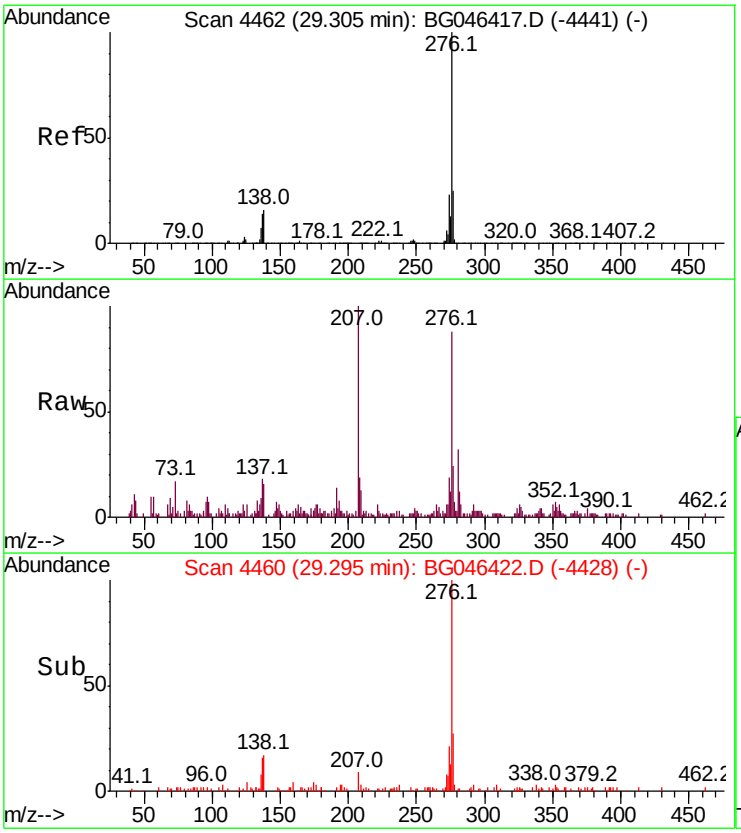
#28
Indeno(1,2,3-cd)pyrene
Concen: 1.580 ng/ul
RT: 28.19 min Scan# 4272
Delta R.T. -0.02 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Instrument :
BNA_G
ClientSampleId :
BFMX4

Tgt Ion:276 Resp: 69952

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.2	19.8
277	25.7	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 1.350 ng/ul
RT: 29.29 min Scan# 4460
Delta R.T. -0.01 min
Lab File: BG046422.D
Acq: 21 Aug 2020 20:44

Tgt Ion:276 Resp: 50034

Ion	Ratio	Lower	Upper
276	100		
138	17.8	12.9	19.3
277	27.2	19.4	29.0