Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMH5

Quant Time: Aug 21 07:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:43:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	84713	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	355230	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236586	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	528648	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	525050	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	565990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	106469	17.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	409857	18.82	ng/ul	0.00
10) Fluorene-d10	15.56	176	319604	19.16	ng/ul	0.00
15) Anthracene-d10	17.41	188	456489	18.63	ng/ul	0.00
19) Pyrene-d10	19.69	212	525982	19.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	549431	17.79	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	95665	3.289	ng/ul	98
17) Fluoranthene	19.36	202	233761	7.208	ng/ul	98
20) Pyrene	19.72	202	213322	6.190	ng/ul	97
21) Benzo(a)anthracene	21.54	228	110165	3.225	ng/ul	99
22) Chrysene	21.60	228	128307	3.885	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	177775	4.750	ng/ul	97
25) Benzo(k)fluoranthene	23.68	252	177775	4.788	ng/ul	96
27) Benzo(a)pyrene	24.52	252	102375	2.979	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	74075	1.722	ng/ul	99

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

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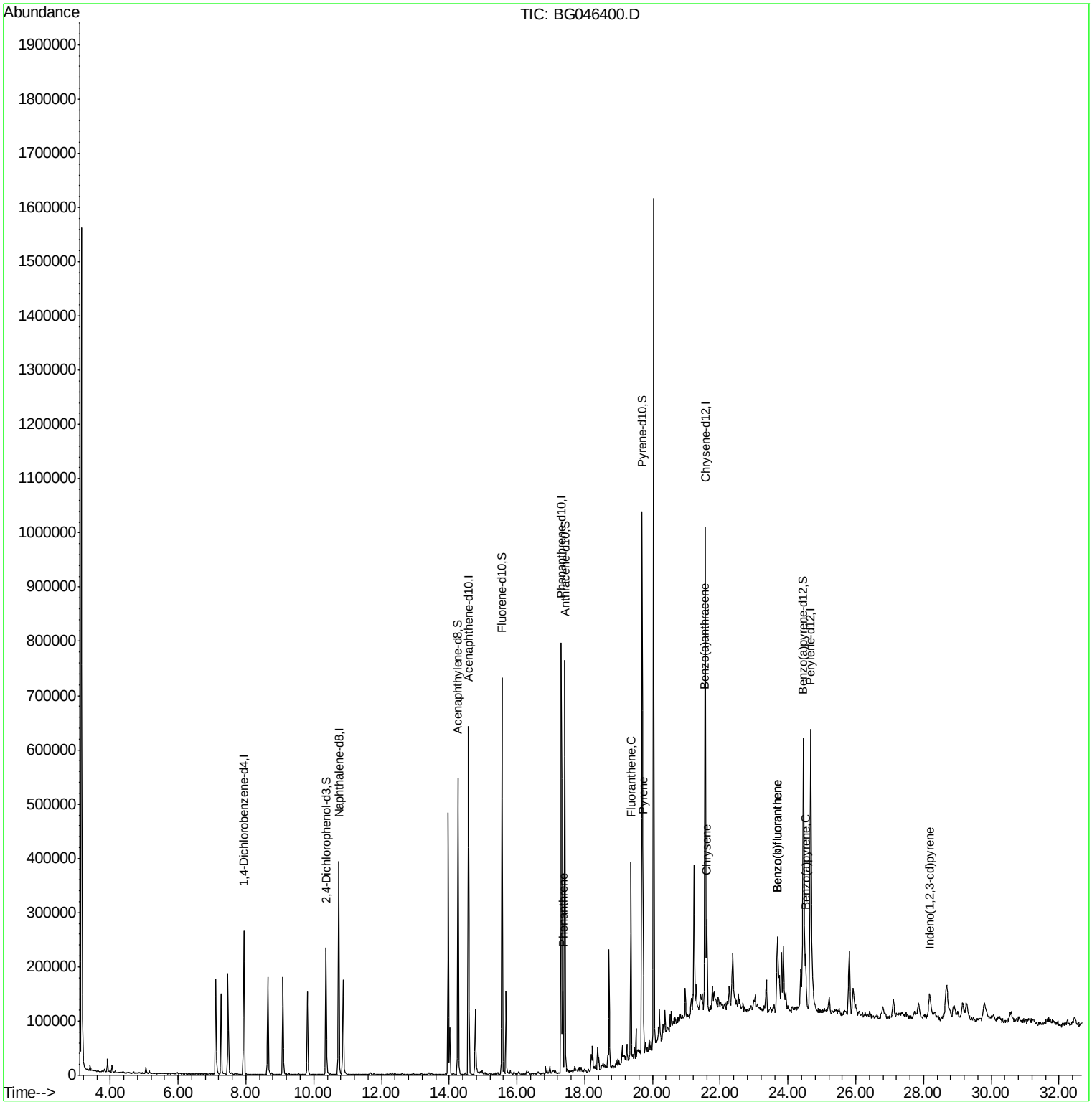
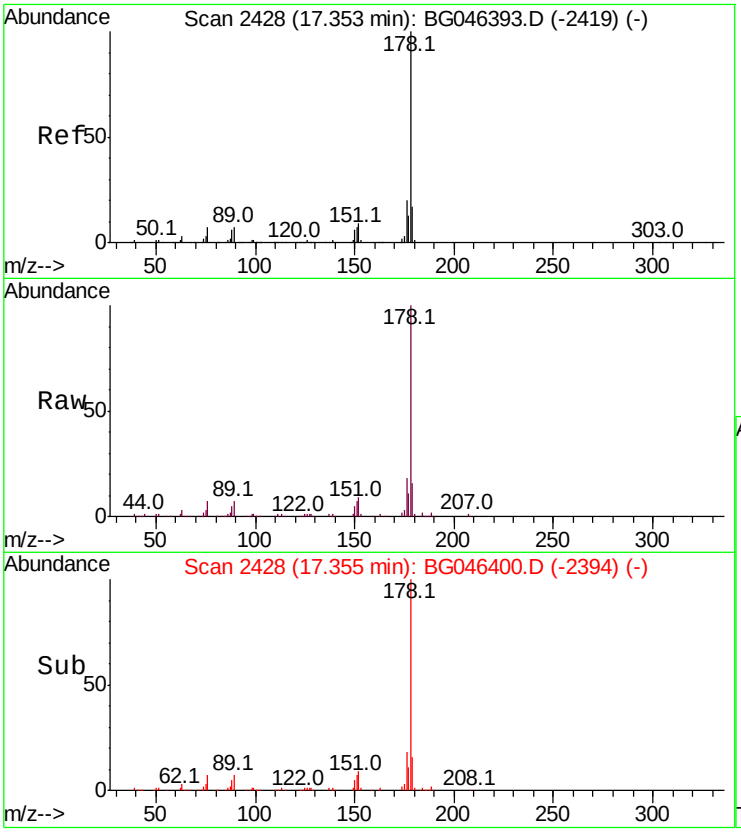


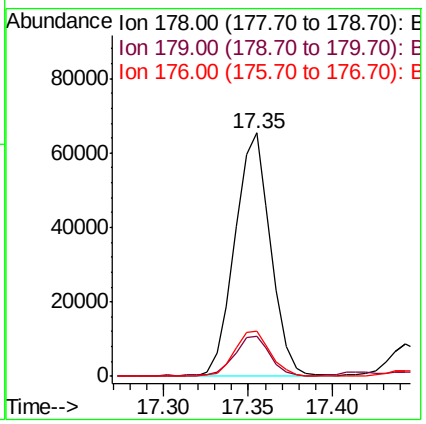


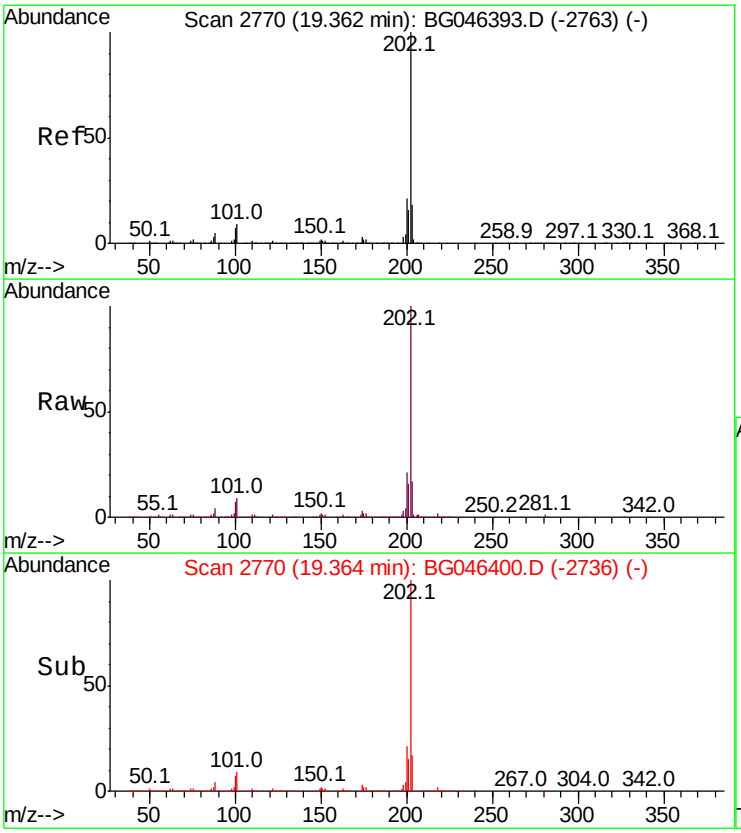
#14
Phenanthrene
Concen: 3.289 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tgt Ion:178 Resp: 95665

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.5	15.8	23.8

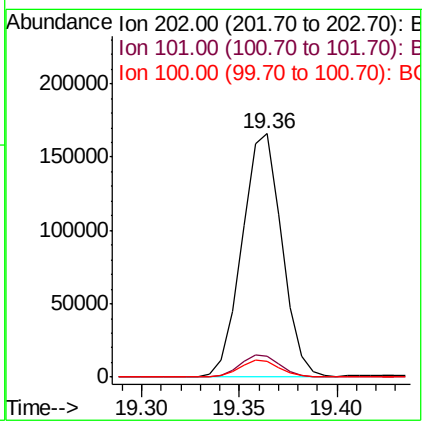


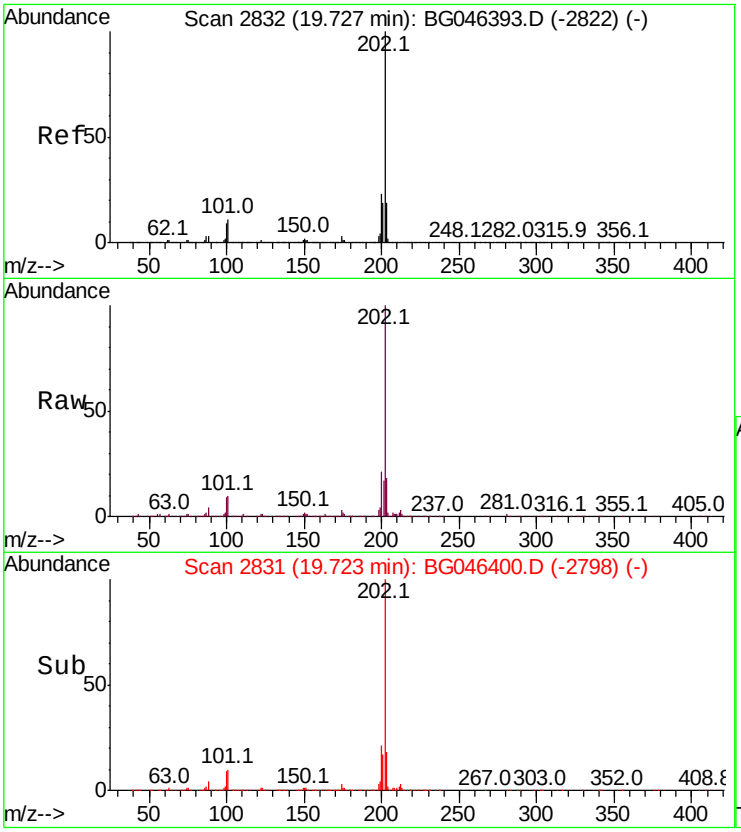


#17
Fluoranthene
Concen: 7.208 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Tgt Ion:202 Resp: 233761

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.8	11.6
100	6.6	5.9	8.9



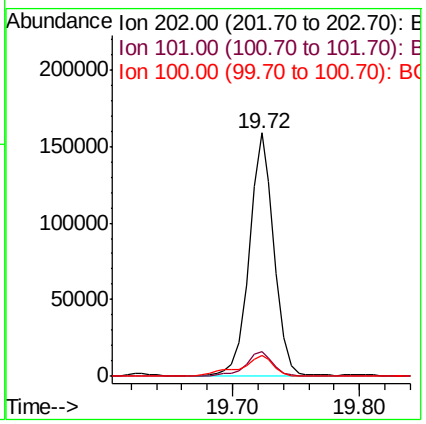


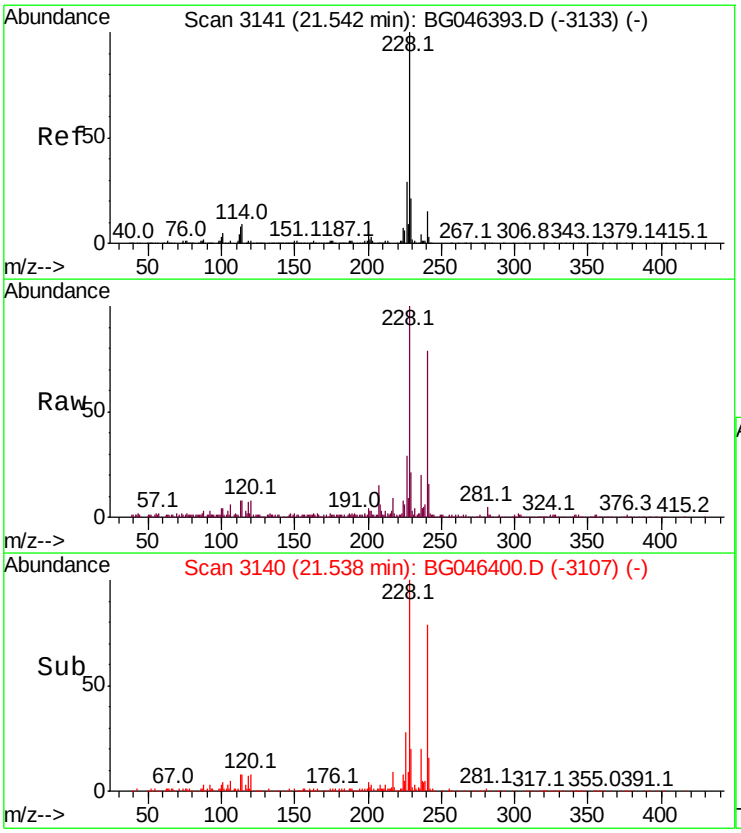
#20
Pyrene
Concen: 6.190 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tgt Ion:202 Resp: 213322

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.9	13.3
100	8.6	7.9	11.9

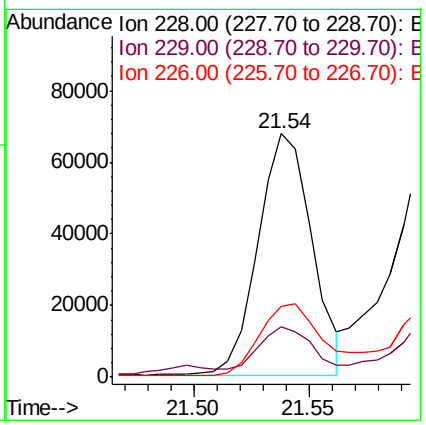


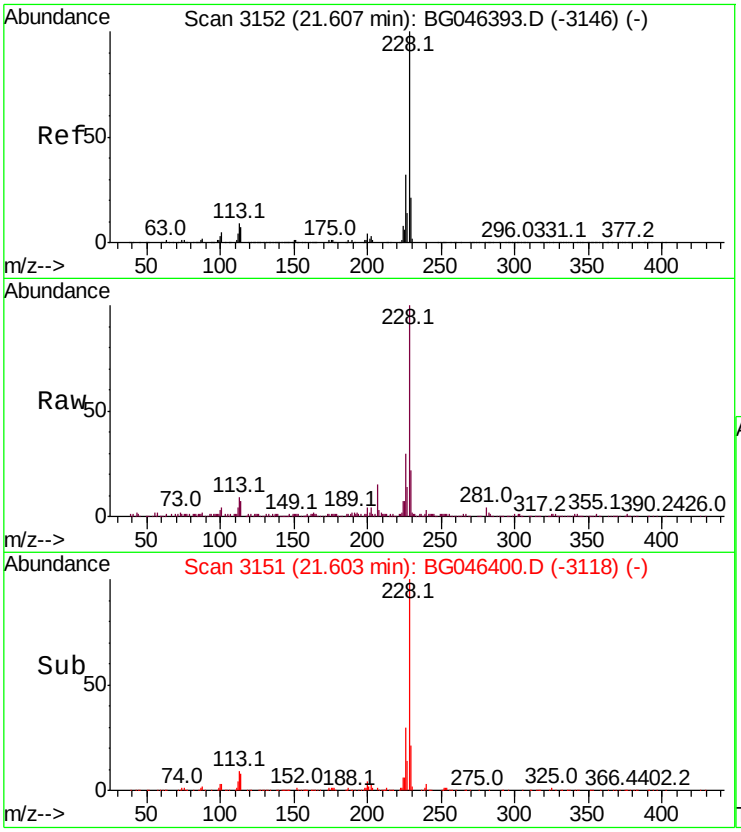


#21
Benzo(a)anthracene
Concen: 3.225 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Tgt Ion:228 Resp: 110165

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	28.9	22.6	33.8



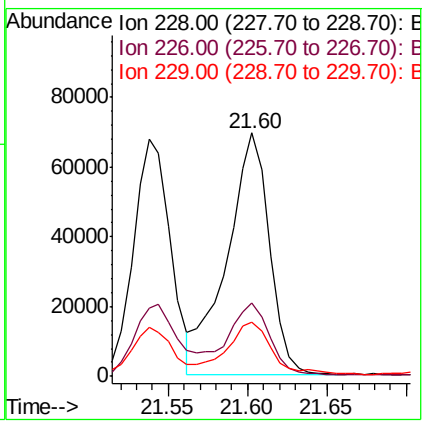


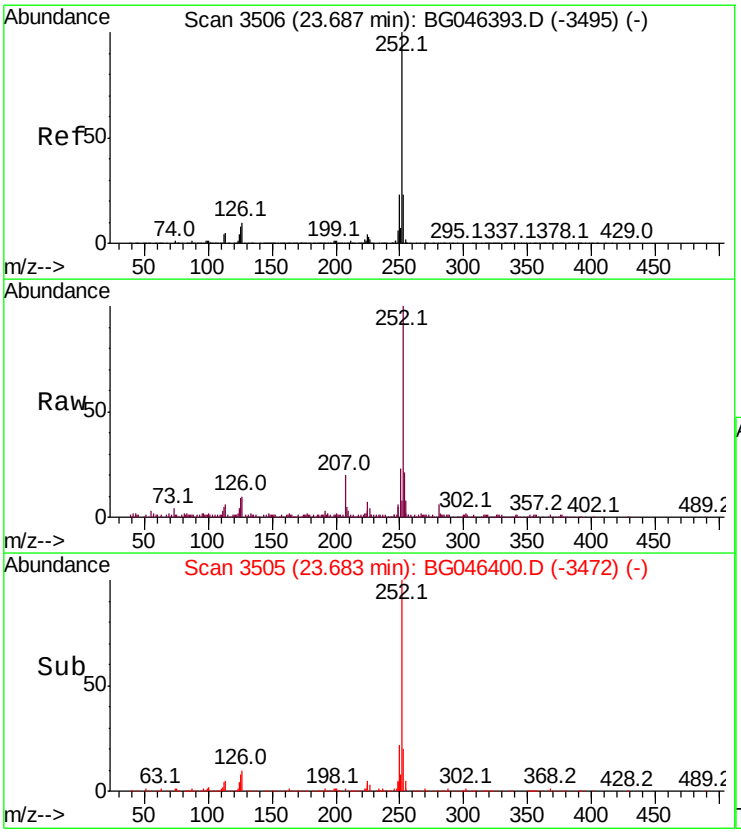
#22
Chrysene
Concen: 3.885 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tgt Ion:228 Resp: 128307

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	22.0	17.0	25.4

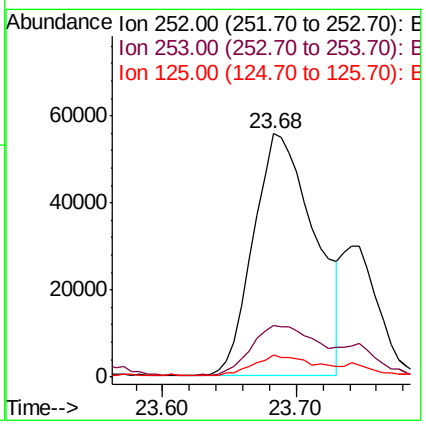


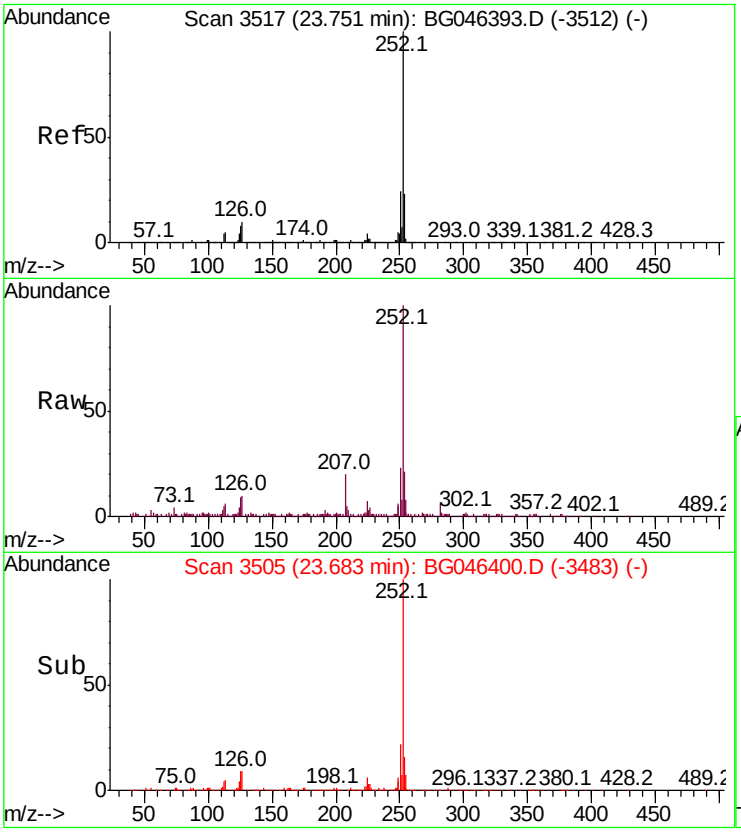


#24
Benzo(b)fluoranthene
Concen: 4.750 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Tgt Ion:252 Resp: 177775

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	9.1	6.4	9.6



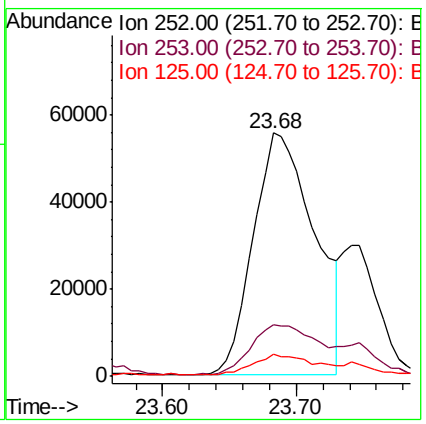


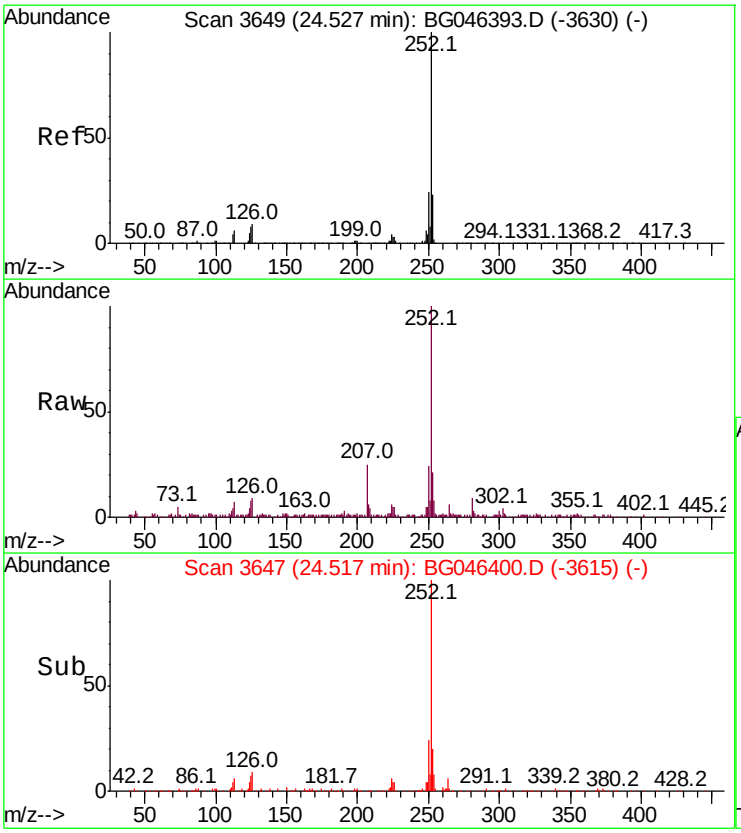
#25
Benzo(k)fluoranthene
Concen: 4.788 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.07 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tgt Ion:252 Resp: 177775

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.5	27.7
125	9.1	6.2	9.2

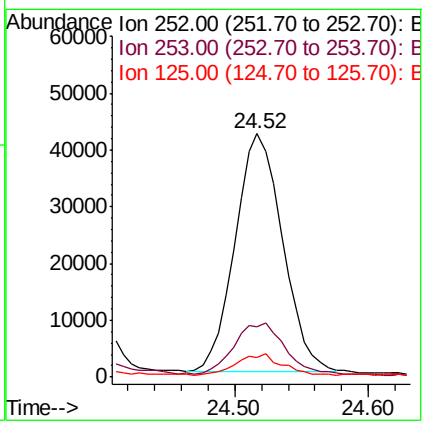


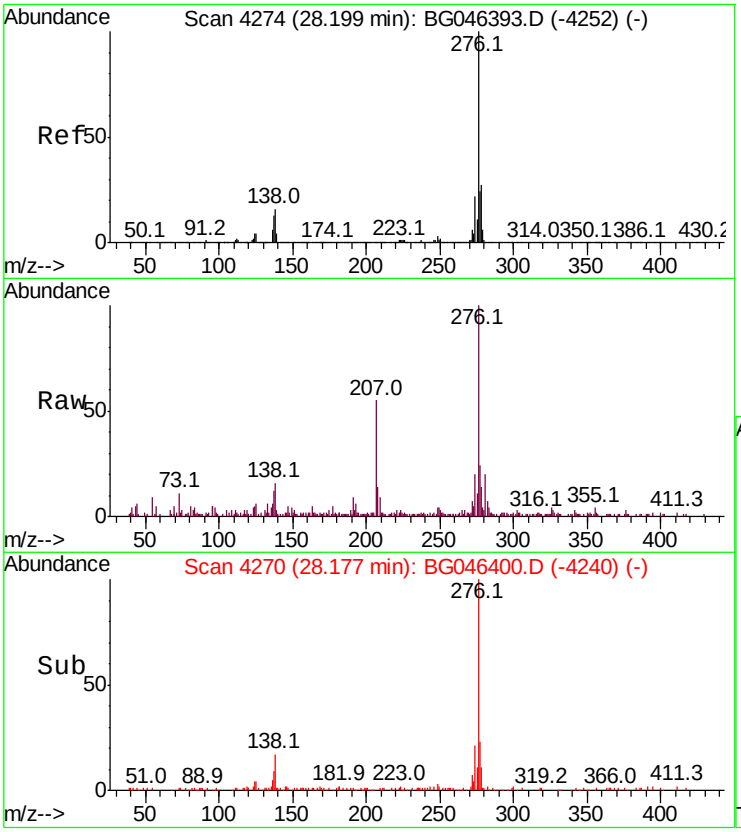


#27
Benzo(a)pyrene
Concen: 2.979 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Tgt Ion:252 Resp: 102375

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.8
125	8.1	7.1	10.7





#28
Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. -0.02 min
Lab File: BG046400.D
Acq: 21 Aug 2020 6:00

Instrument :
BNA_G
ClientSampleId :
BFMH5

Tgt Ion:276 Resp: 74075

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.2	19.8
277	24.2	19.9	29.9