Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046401.D
Acq On : 21 Aug 2020 6:40
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 07:16:58 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	76087	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	318052	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	211806	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	468533	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	462025	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	503641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	118333	21.61	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	457548	23.47	ng/ul	0.00
10) Fluorene-d10	15.56	176	359061	24.04	ng/ul	0.00
15) Anthracene-d10	17.41	188	517123	23.81	ng/ul	0.00
19) Pyrene-d10	19.69	212	584752	24.59	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	618144	22.49	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	181315	7.034	ng/ul	98
16) Anthracene	17.44	178	27347	1.052	ng/ul	98
17) Fluoranthene	19.36	202	357845	12.451	ng/ul	98
20) Pyrene	19.72	202	324670	10.705	ng/ul	98
21) Benzo(a)anthracene	21.54	228	170560	5.674	ng/ul	99
22) Chrysene	21.60	228	194156	6.681	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	263143	7.901	ng/ul	99
25) Benzo(k)fluoranthene	23.69	252	263143	7.965	ng/ul	99
27) Benzo(a)pyrene	24.52	252	167882	5.491	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.18	276	117776	3.076	ng/ul	97
30) Benzo(g,h,i)perylene	29.27	276	93608	2.922	ng/ul	98

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

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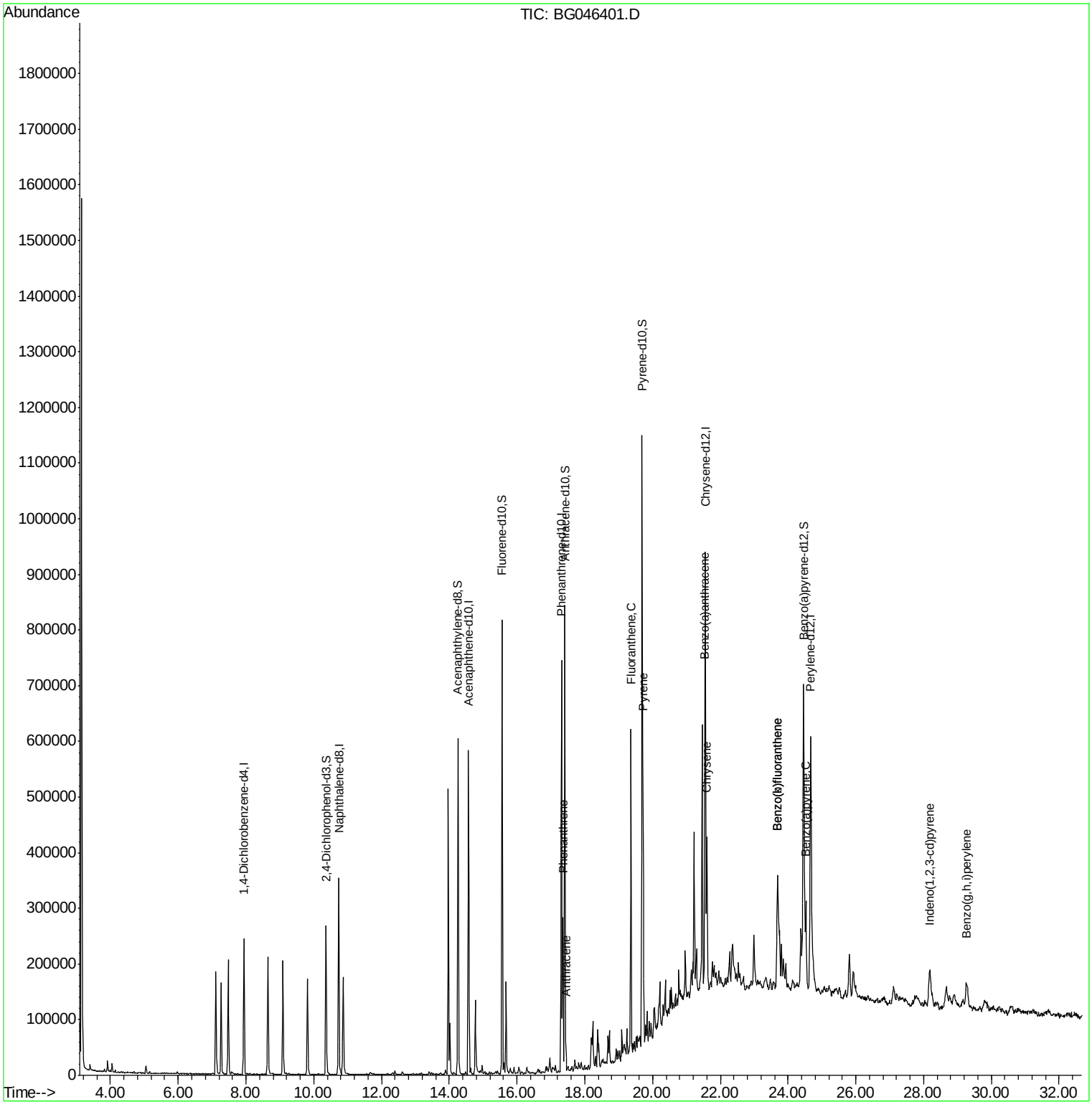
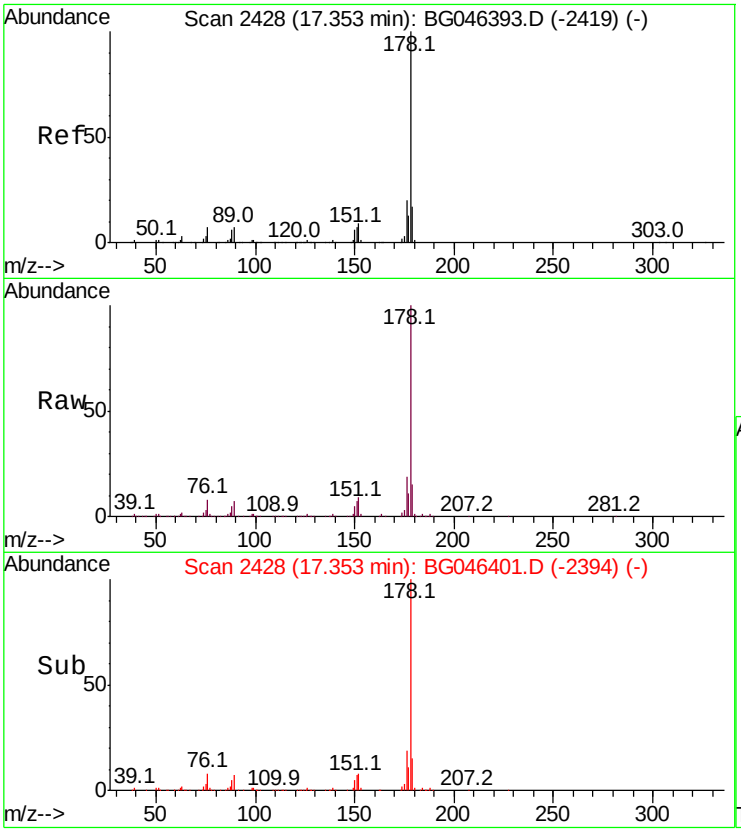
Operator : CG/JU
Sample : L3635-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 21 07:16:58 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



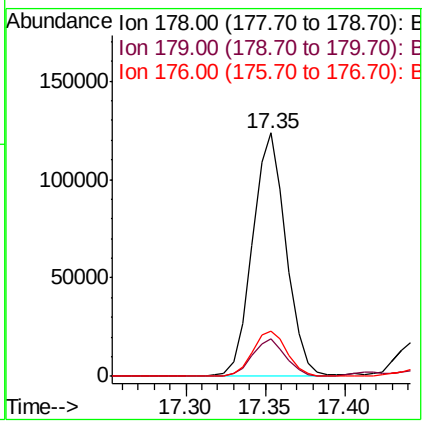


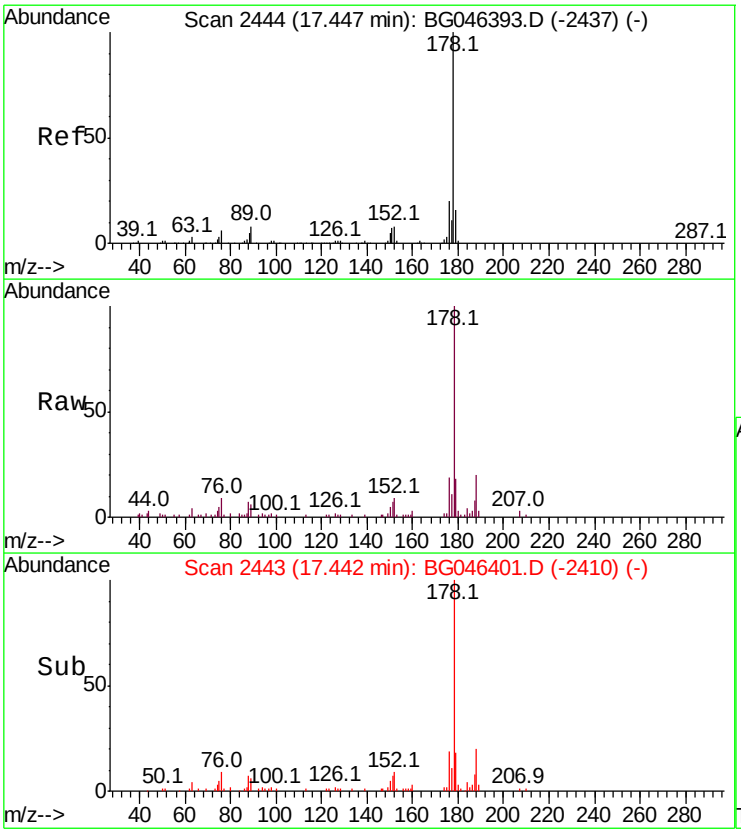
#14
Phenanthrene
Concen: 7.034 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 181315

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.6	15.8	23.8

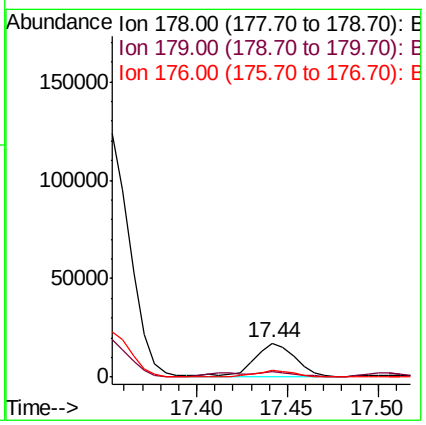


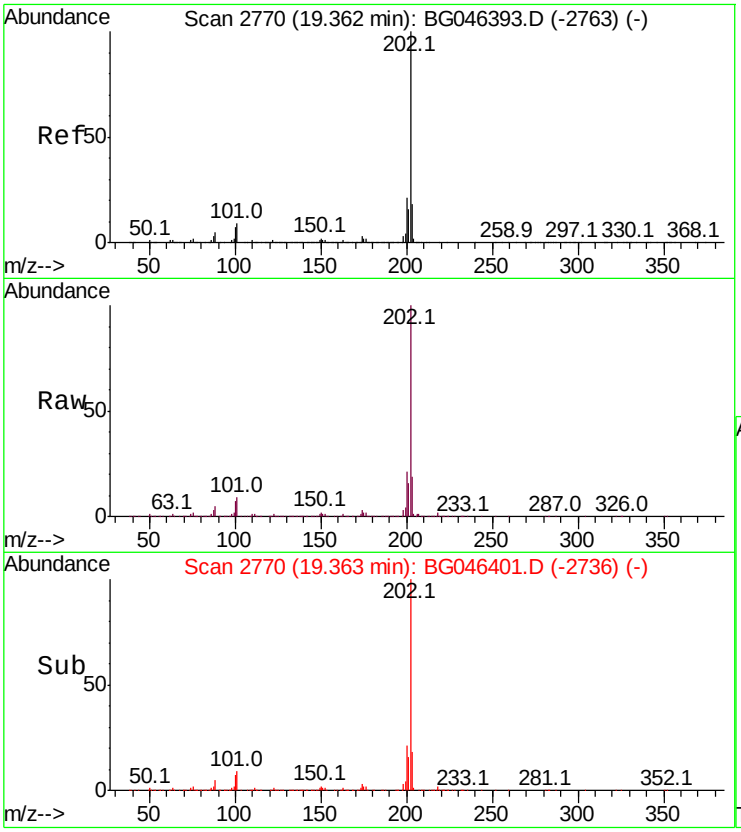


#16
Anthracene
Concen: 1.052 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion:178 Resp: 27347

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.2	19.8
176	19.5	15.2	22.8



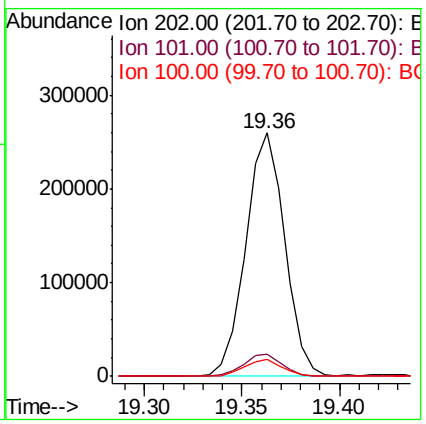


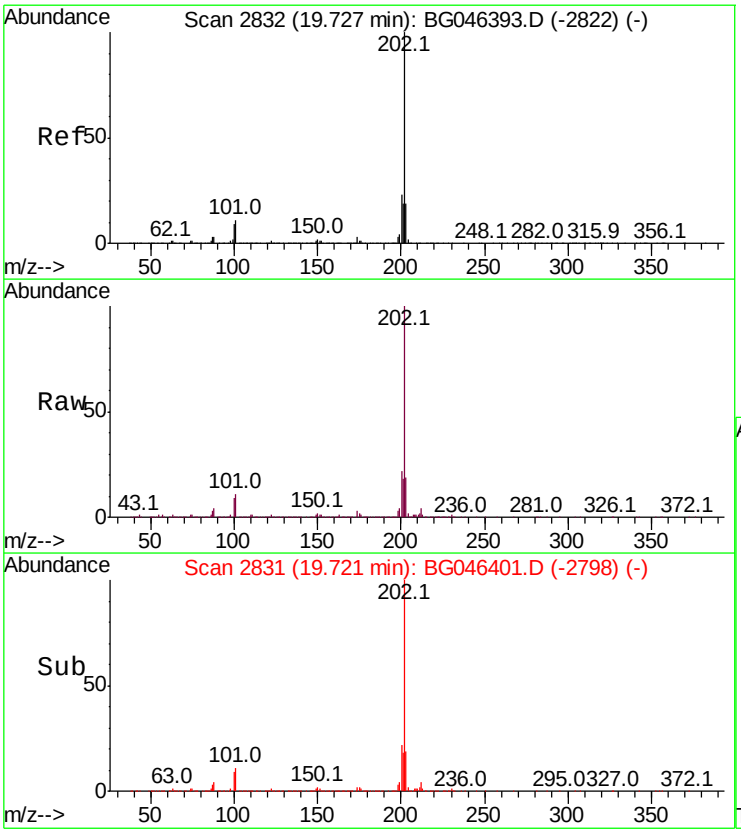
#17
Fluoranthene
Concen: 12.451 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 357845

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.8	11.6
100	6.9	5.9	8.9

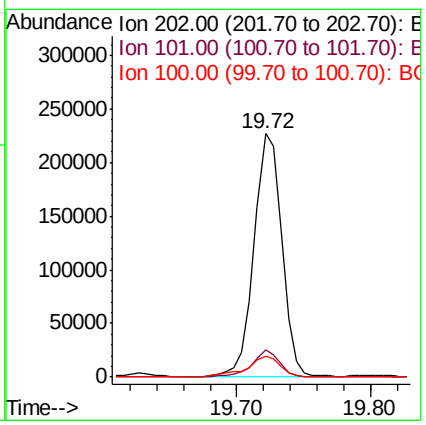


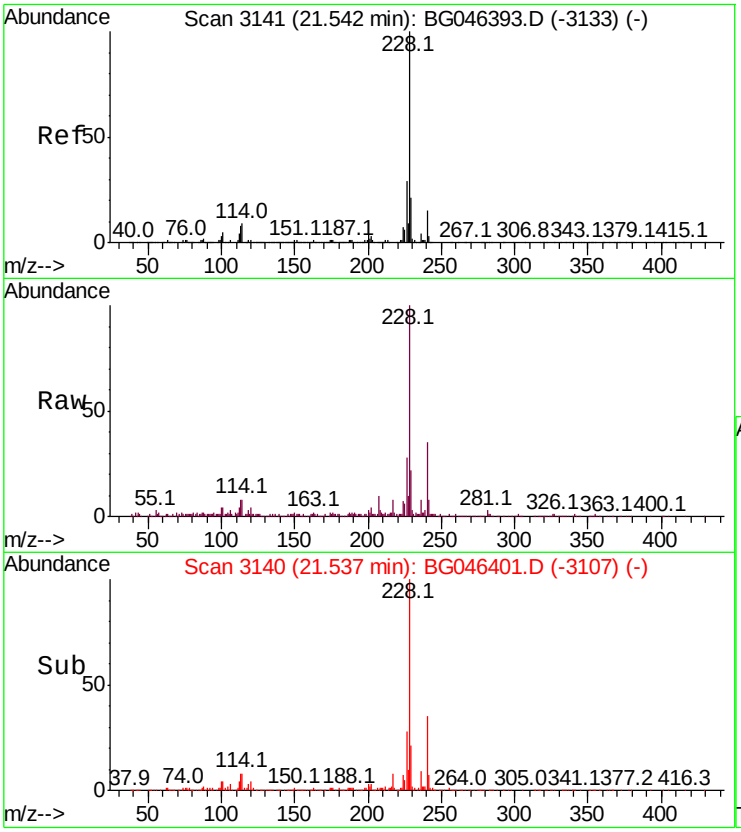


#20
Pyrene
Concen: 10.705 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion:202 Resp: 324670

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	8.8	7.9	11.9



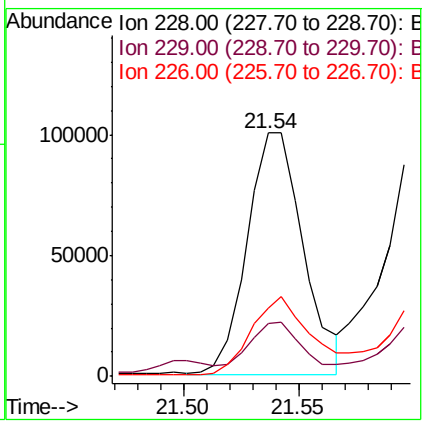


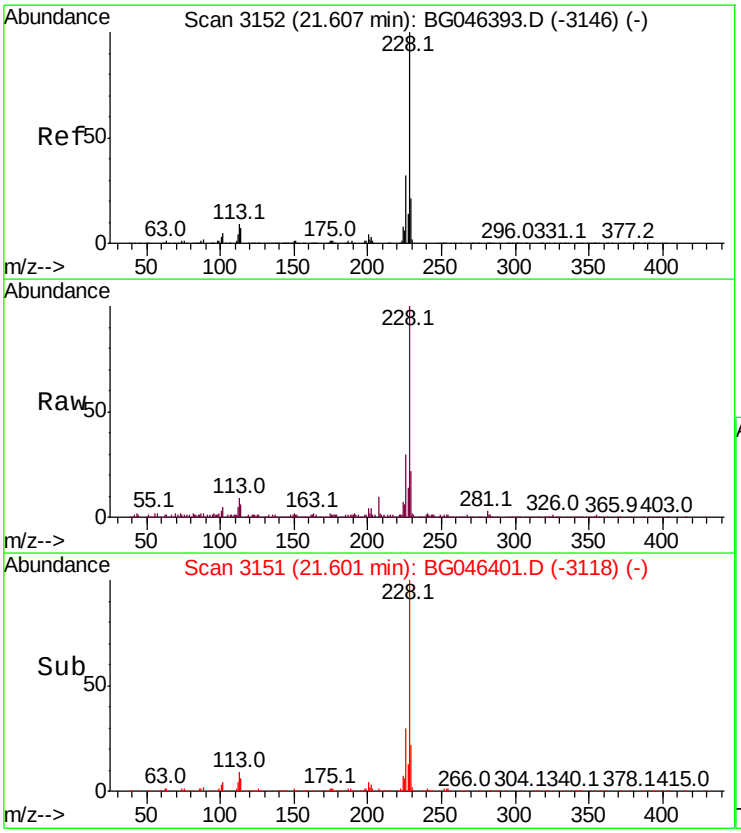
#21
Benzo(a)anthracene
Concen: 5.674 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 170560

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	28.3	22.6	33.8

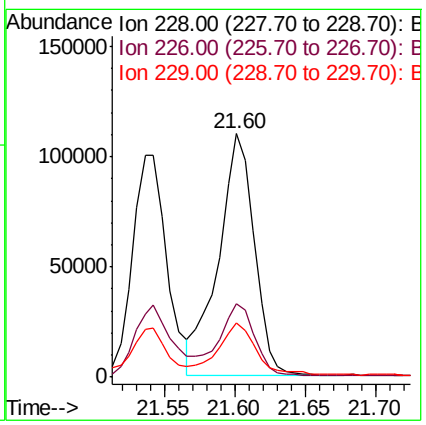


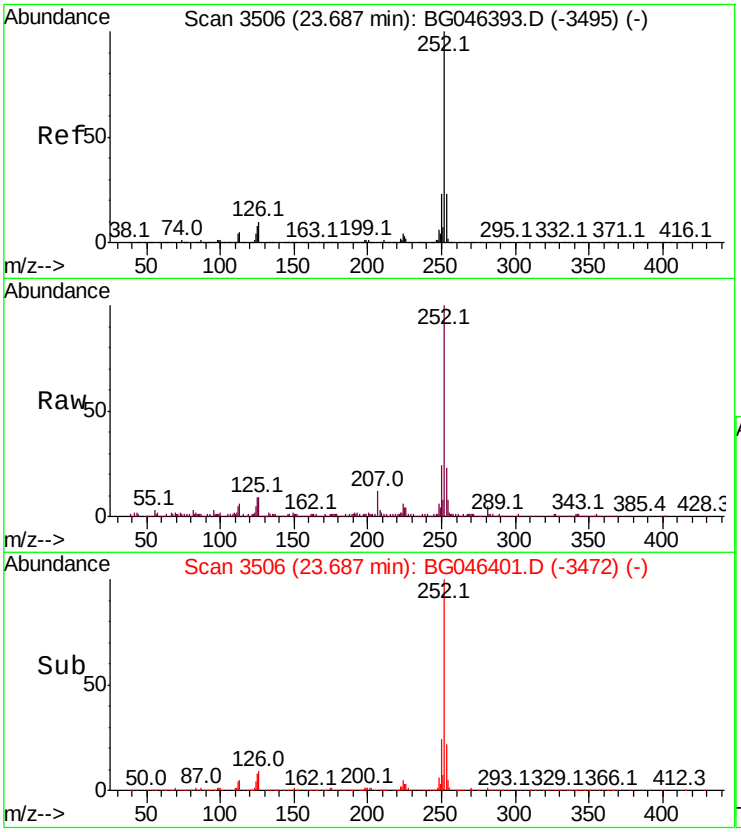


#22
Chrysene
Concen: 6.681 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion:228 Resp: 194156

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	22.5	17.0	25.4



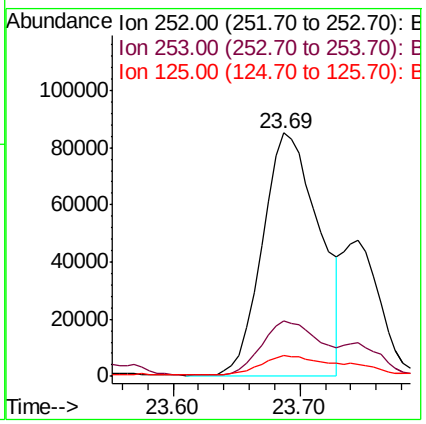


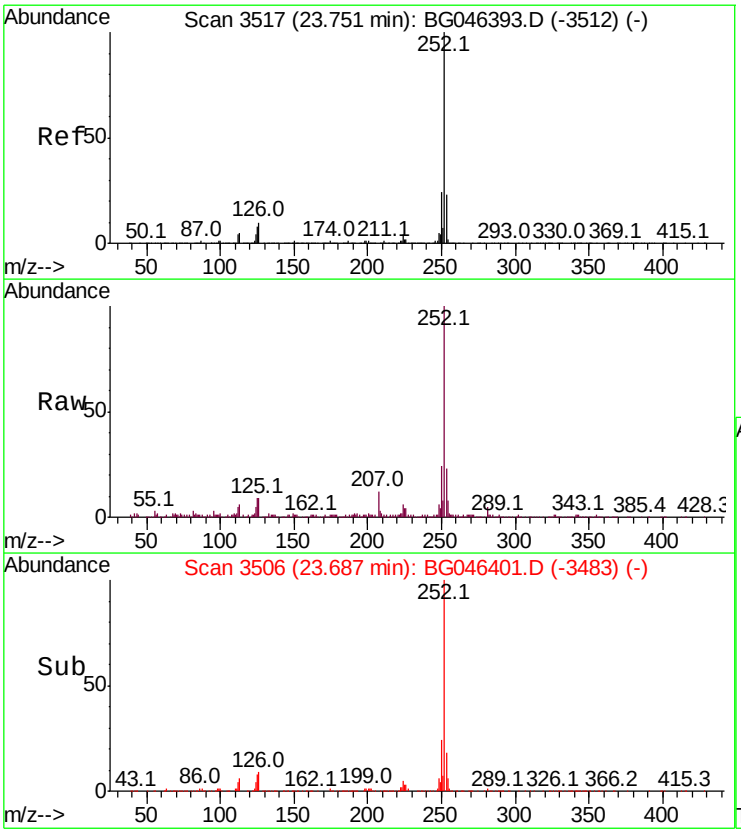
#24
Benzo(b)fluoranthene
Concen: 7.901 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 263143

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.7	6.4	9.6

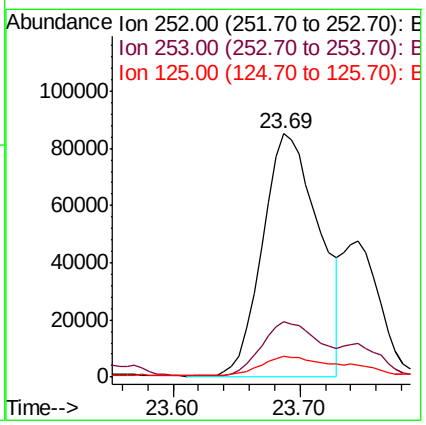


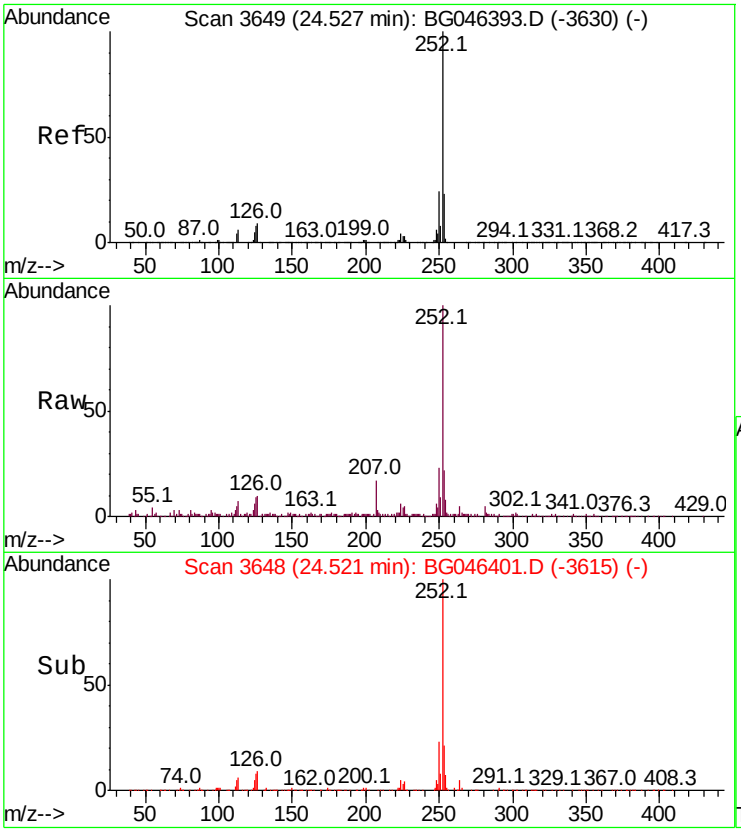


#25
Benzo(k)fluoranthene
Concen: 7.965 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.06 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion:252 Resp: 263143

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	8.7	6.2	9.2



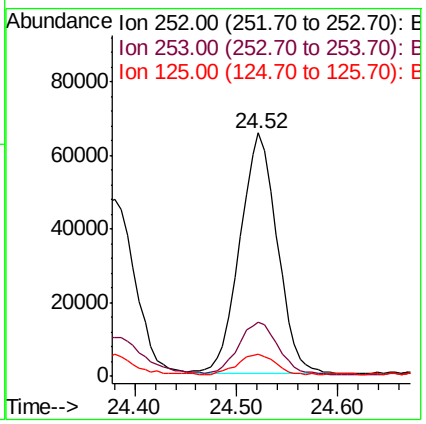


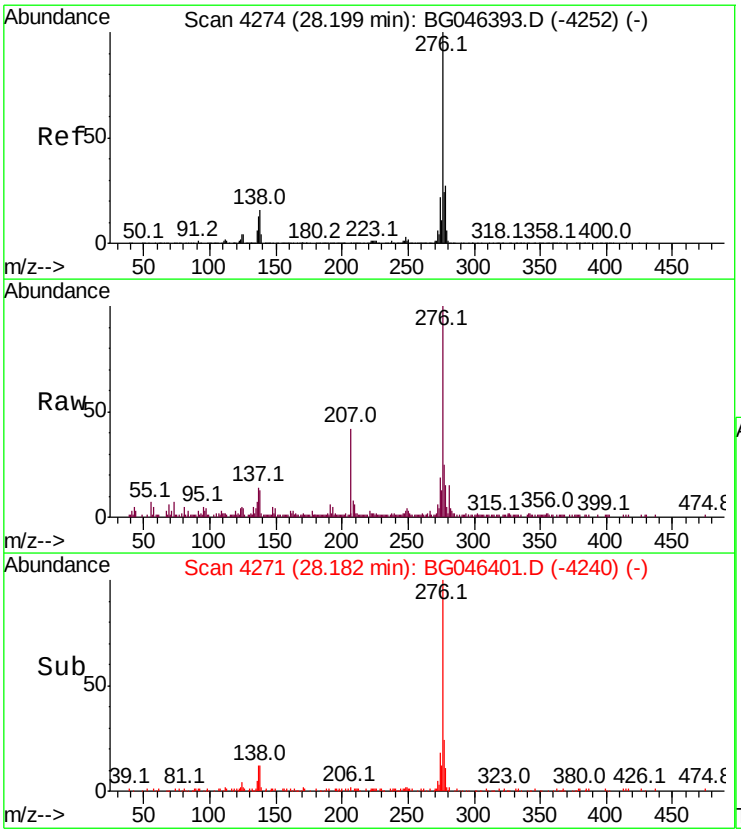
#27
Benzo(a)pyrene
Concen: 5.491 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 167882

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	7.1	10.7

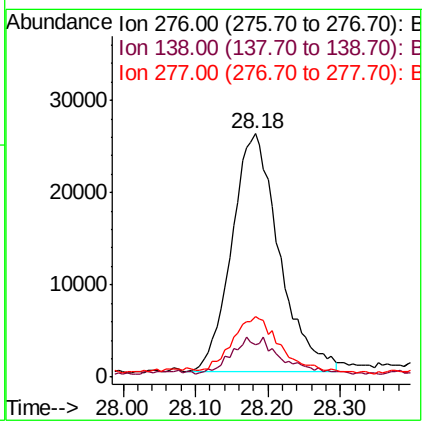


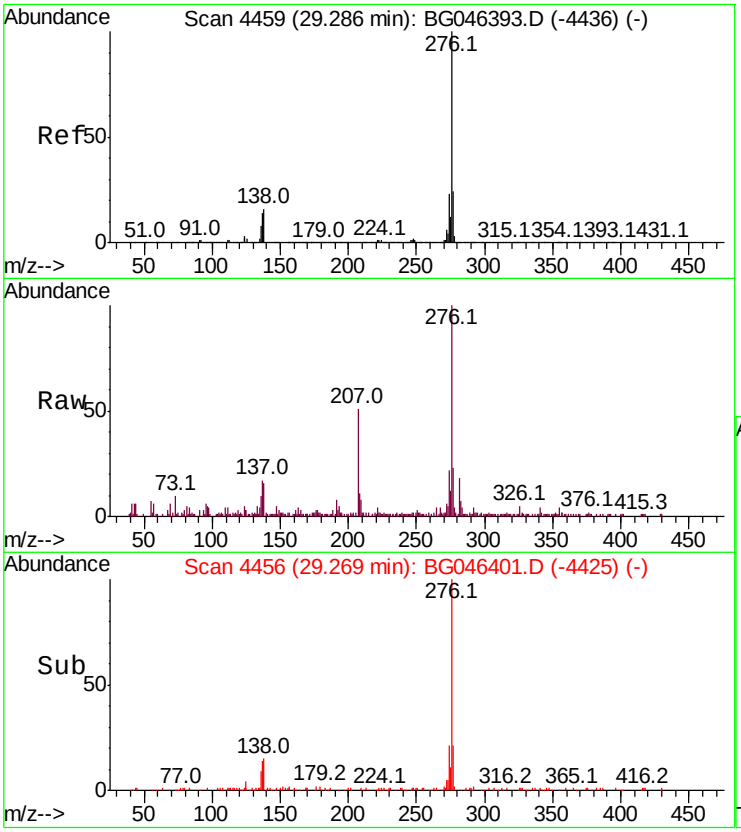


#28
Indeno(1,2,3-cd)pyrene
Concen: 3.076 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. -0.02 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Tgt Ion:276 Resp: 117776

Ion	Ratio	Lower	Upper
276	100		
138	13.5	13.2	19.8
277	25.0	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 2.922 ng/ul
RT: 29.27 min Scan# 4456
Delta R.T. -0.02 min
Lab File: BG046401.D
Acq: 21 Aug 2020 6:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 93608

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.9	19.3
277	23.0	19.4	29.0