Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046251.D
Acq On : 13 Aug 2020 16:19
Operator : CG/JU
Sample : L3629-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM50

Quant Time: Aug 13 16:56:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	97926	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	392103	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	261290	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	590808	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	590472	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	608335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	76796	11.37	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	342428	14.24	ng/ul	0.00
10) Fluorene-d10	15.56	176	261584	14.20	ng/ul	0.00
15) Anthracene-d10	17.41	188	392930	14.35	ng/ul	0.00
19) Pyrene-d10	19.69	212	457667	15.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	472969	14.25	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	38129	1.173	ng/ul	96
17) Fluoranthene	19.36	202	87153	2.405	ng/ul	99
20) Pyrene	19.72	202	82760	2.135	ng/ul	98
21) Benzo(a)anthracene	21.54	228	57758	1.503	ng/ul	97
22) Chrysene	21.60	228	57053	1.536	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	89434	2.223	ng/ul	98
27) Benzo(a)pyrene	24.52	252	64783	1.754	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	52668	1.139	ng/ul	97
30) Benzo(g,h,i)perylene	29.25	276	47539	1.228	ng/ul	97

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

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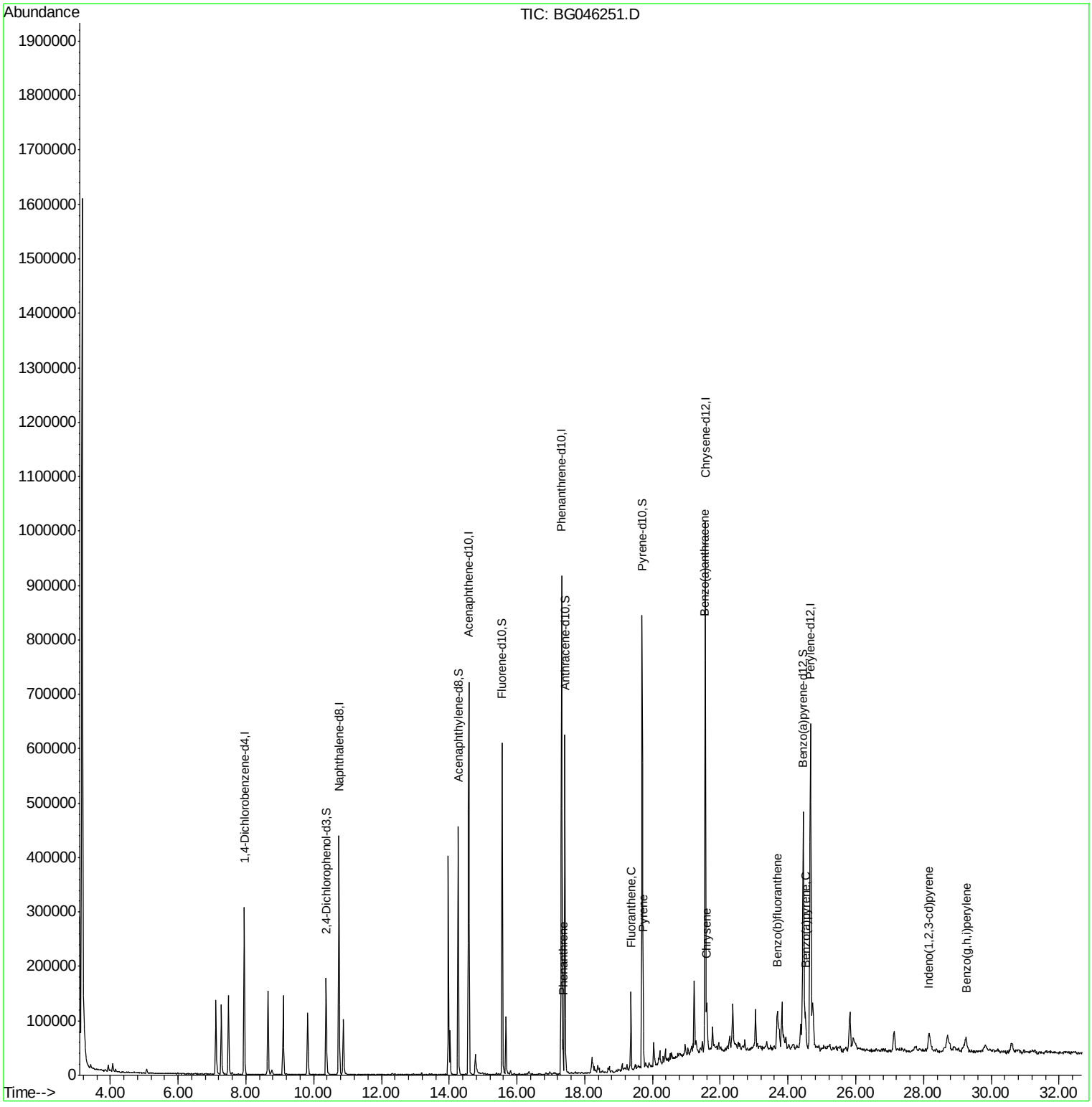
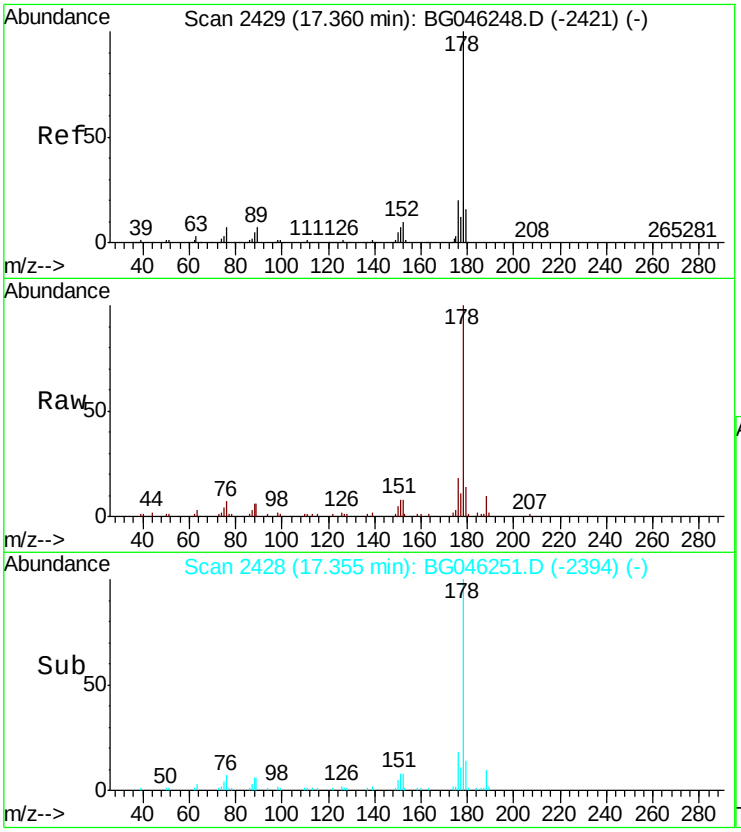


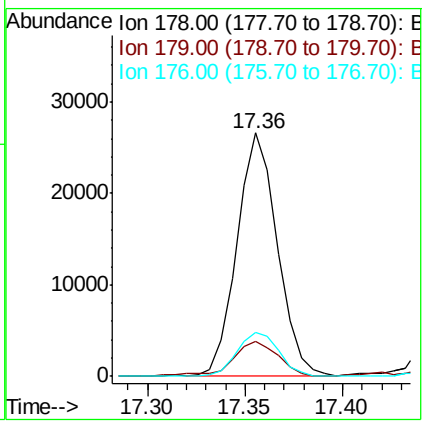


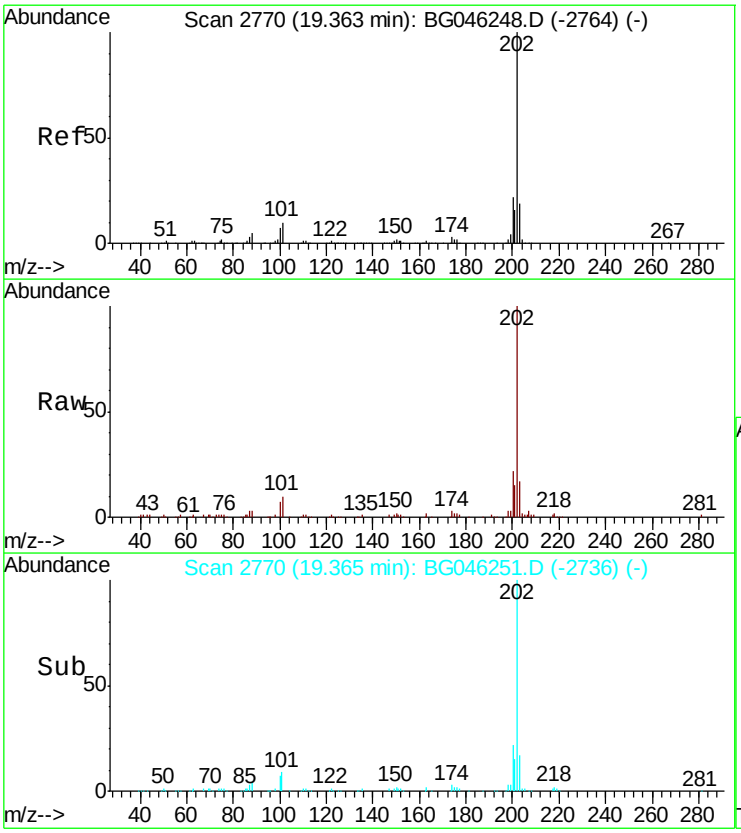
#14
Phenanthrene
Concen: 1.173 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Instrument :
BNA_G
ClientSampleId :
BFM50

Tgt Ion:178 Resp: 38129

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.8	19.2
176	17.9	15.8	23.8

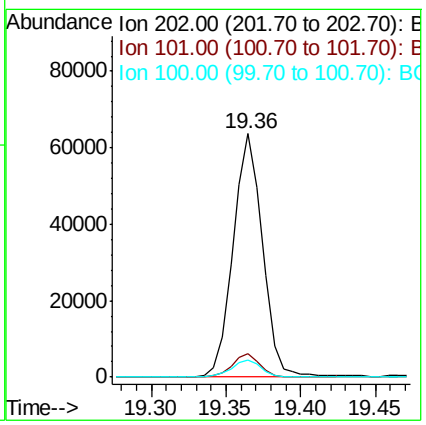


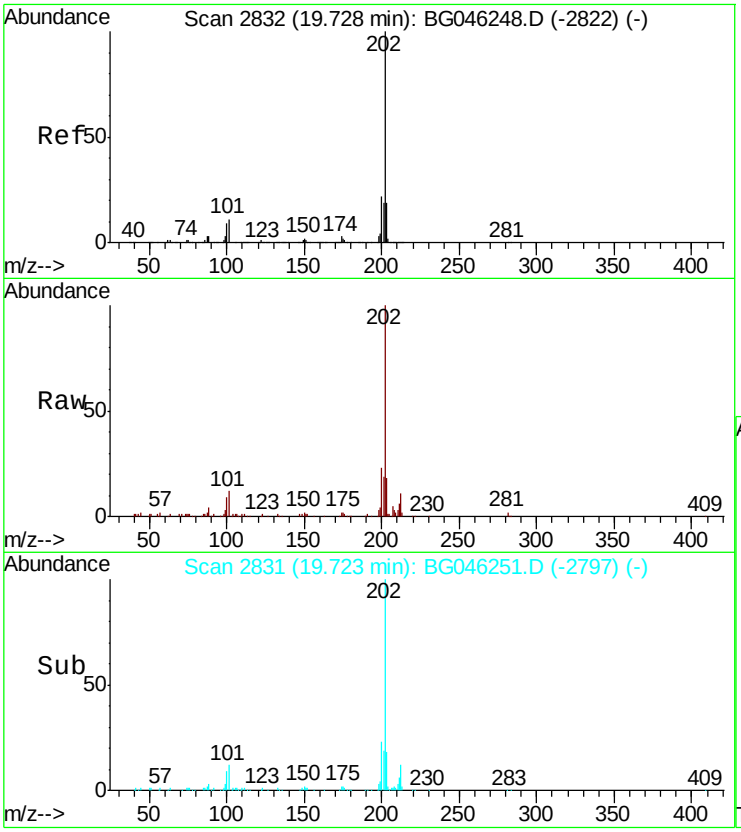


#17
Fluoranthene
Concen: 2.405 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Tgt Ion:202 Resp: 87153

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.0	5.9	8.9



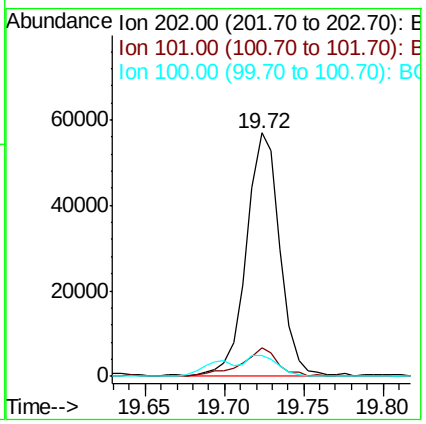


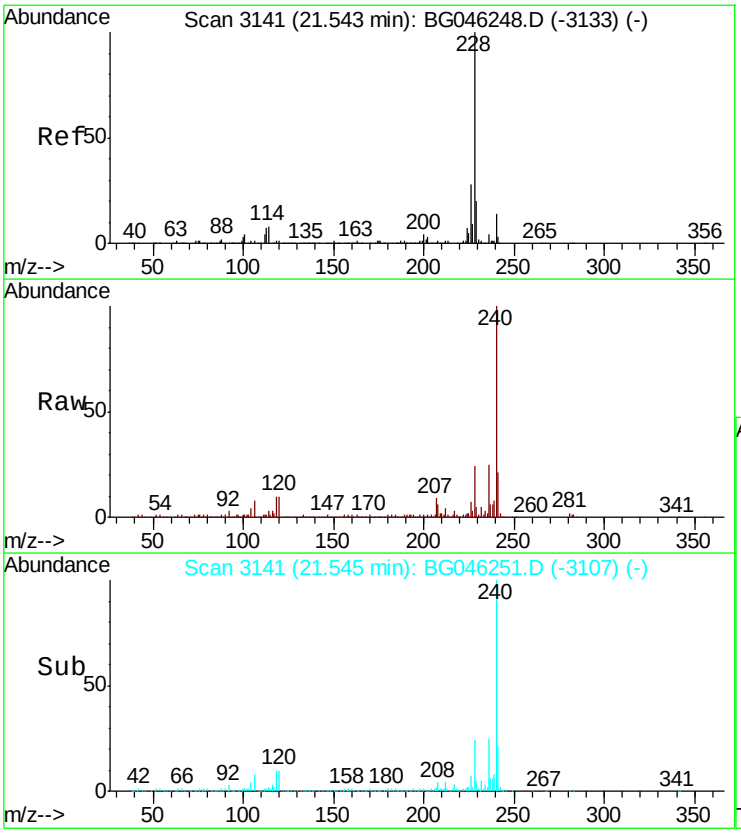
#20
Pyrene
Concen: 2.135 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Instrument :
BNA_G
ClientSampleId :
BFM50

Tgt Ion:202 Resp: 82760

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.9	13.3
100	8.7	7.9	11.9

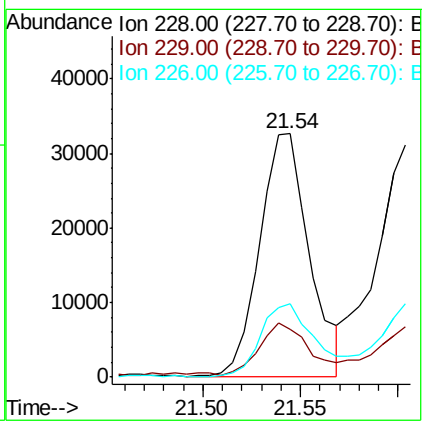


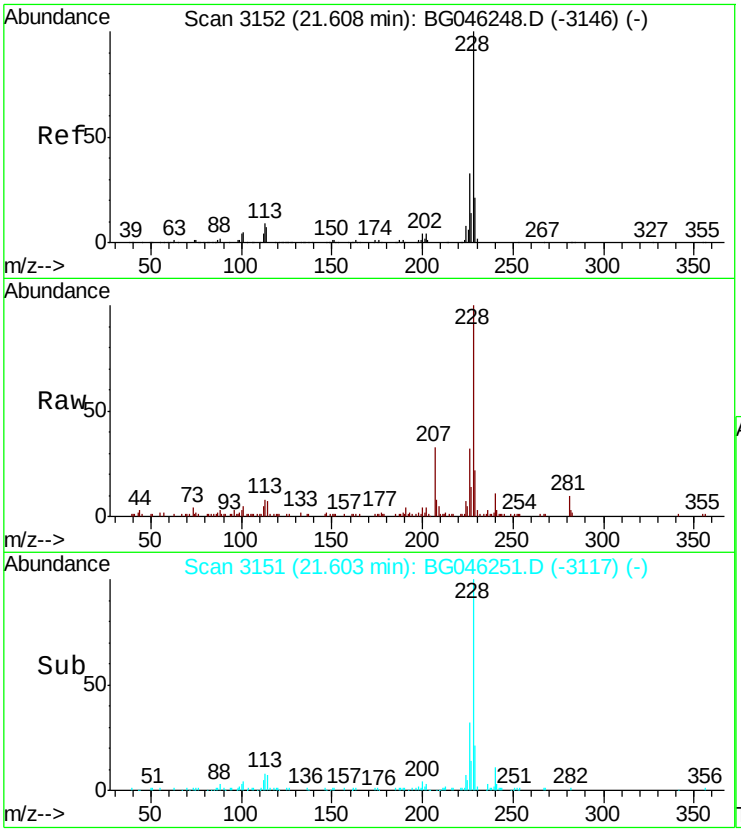


#21
Benzo(a)anthracene
Concen: 1.503 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Tgt Ion:228 Resp: 57758

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	30.0	22.6	33.8



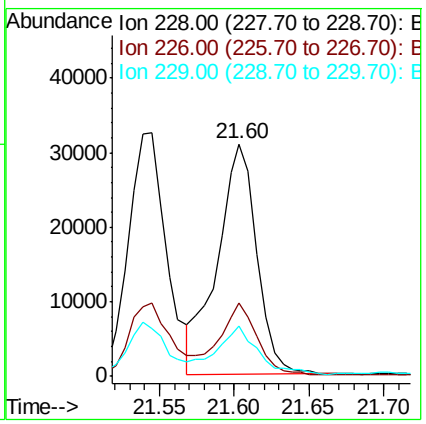


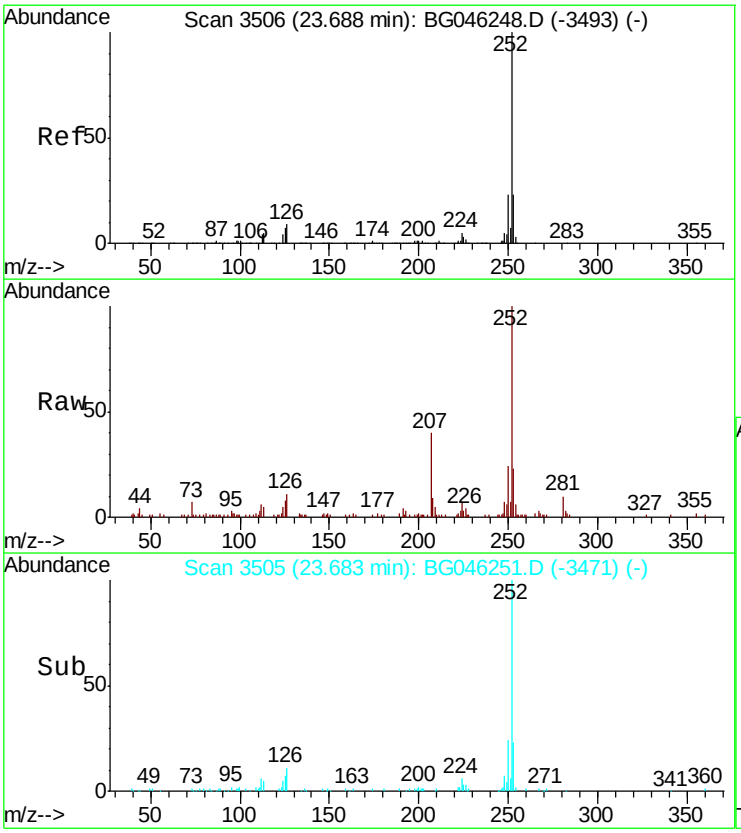
#22
Chrysene
Concen: 1.536 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Instrument :
BNA_G
ClientSampleId :
BFM50

Tgt Ion:228 Resp: 57053

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	21.8	17.0	25.4

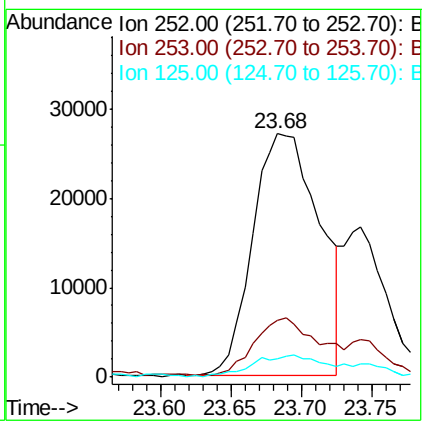


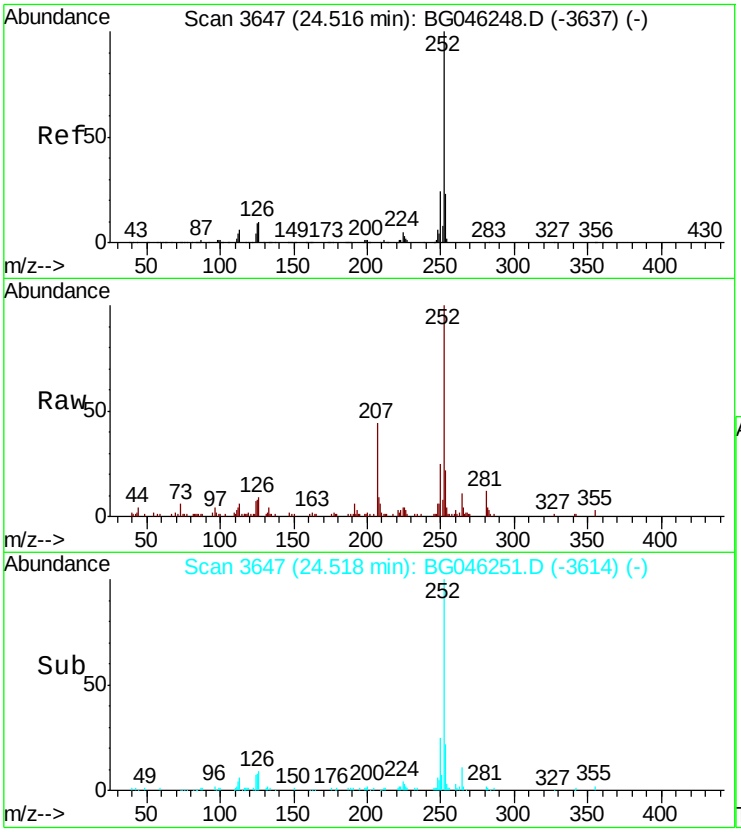


#24
Benzo(b)fluoranthene
Concen: 2.223 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Tgt Ion:252 Resp: 89434

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	7.8	6.4	9.6



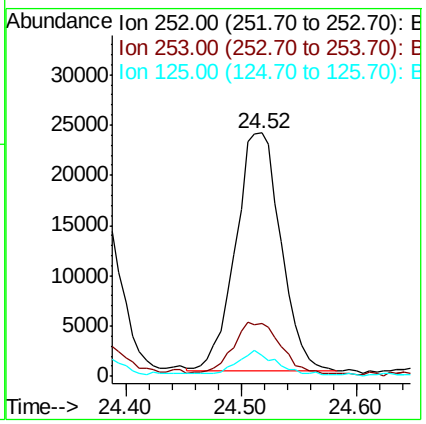


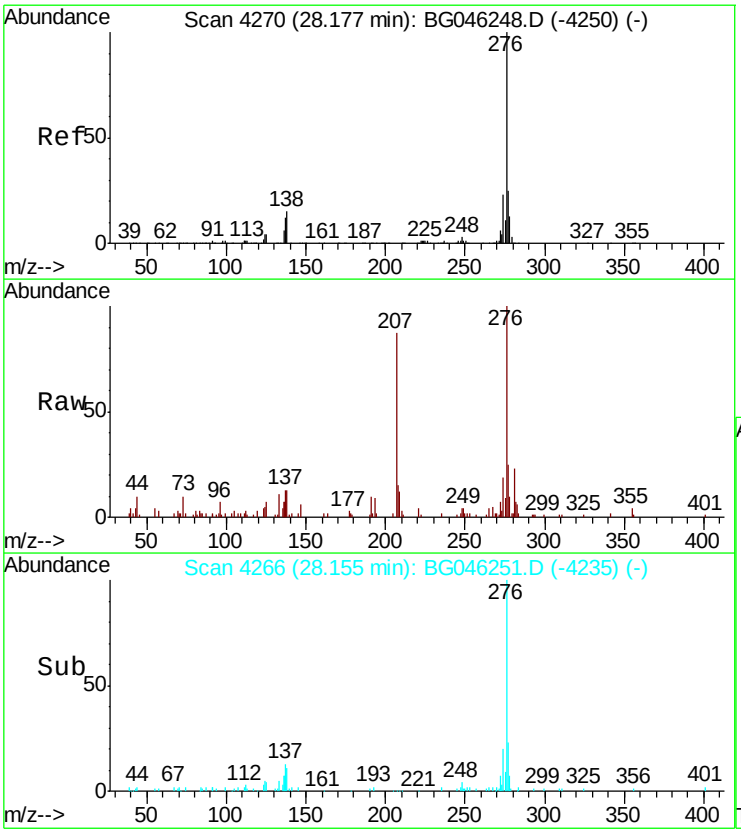
#27
Benzo(a)pyrene
Concen: 1.754 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Instrument :
BNA_G
ClientSampleId :
BFM50

Tgt Ion:252 Resp: 64783

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.3	7.1	10.7

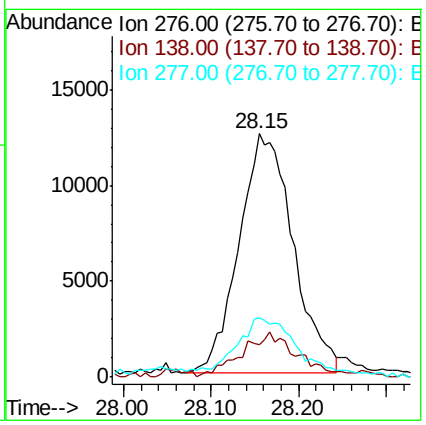


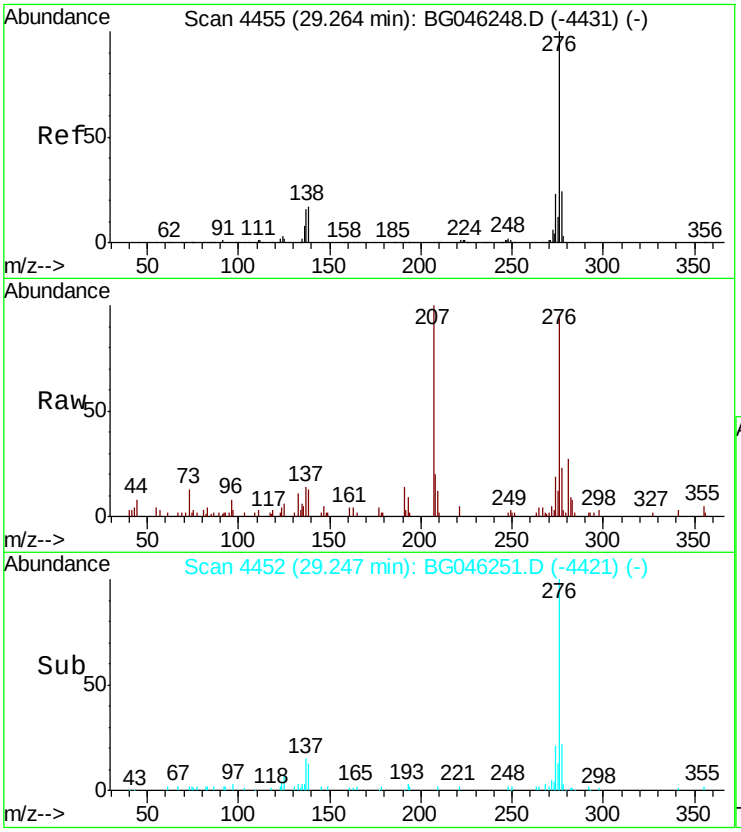


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.139 ng/ul
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Tgt Ion:276 Resp: 52668

Ion	Ratio	Lower	Upper
276	100		
138	13.3	13.2	19.8
277	24.5	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 1.228 ng/ul
RT: 29.25 min Scan# 4452
Delta R.T. -0.02 min
Lab File: BG046251.D
Acq: 13 Aug 2020 16:19

Instrument :
BNA_G
ClientSampleId :
BFM50

Tgt Ion:276 Resp: 47539

Ion	Ratio	Lower	Upper
276	100		
138	13.3	12.9	19.3
277	24.0	19.4	29.0