Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046397.D
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 04:45:26 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	81457	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	336403	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	219263	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	486860	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	479379	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	524816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	126656	21.87	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	467472	23.17	ng/ul	0.00
10) Fluorene-d10	15.56	176	355039	22.96	ng/ul	0.00
15) Anthracene-d10	17.41	188	507908	22.50	ng/ul	0.00
19) Pyrene-d10	19.69	212	567841	23.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	613289	21.41	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.30	152	35487	1.730	ng/ul	97
14) Phenanthrene	17.35	178	459022	17.138	ng/ul	100
16) Anthracene	17.44	178	41998	1.554	ng/ul	99
17) Fluoranthene	19.37	202	825054	27.626	ng/ul	99
20) Pyrene	19.72	202	748044	23.773	ng/ul	100
21) Benzo(a)anthracene	21.54	228	373937	11.989	ng/ul	98
22) Chrysene	21.60	228	437155	14.499	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	607828	17.514	ng/ul	97
25) Benzo(k)fluoranthene	23.70	252	607828	17.656	ng/ul	98
27) Benzo(a)pyrene	24.53	252	366705	11.509	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	254406	6.377	ng/ul	98
29) Dibenzo(a,h)anthracene	28.23	278	66368	2.052	ng/ul#	92
30) Benzo(g,h,i)perylene	29.28	276	209296	6.269	ng/ul	99

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

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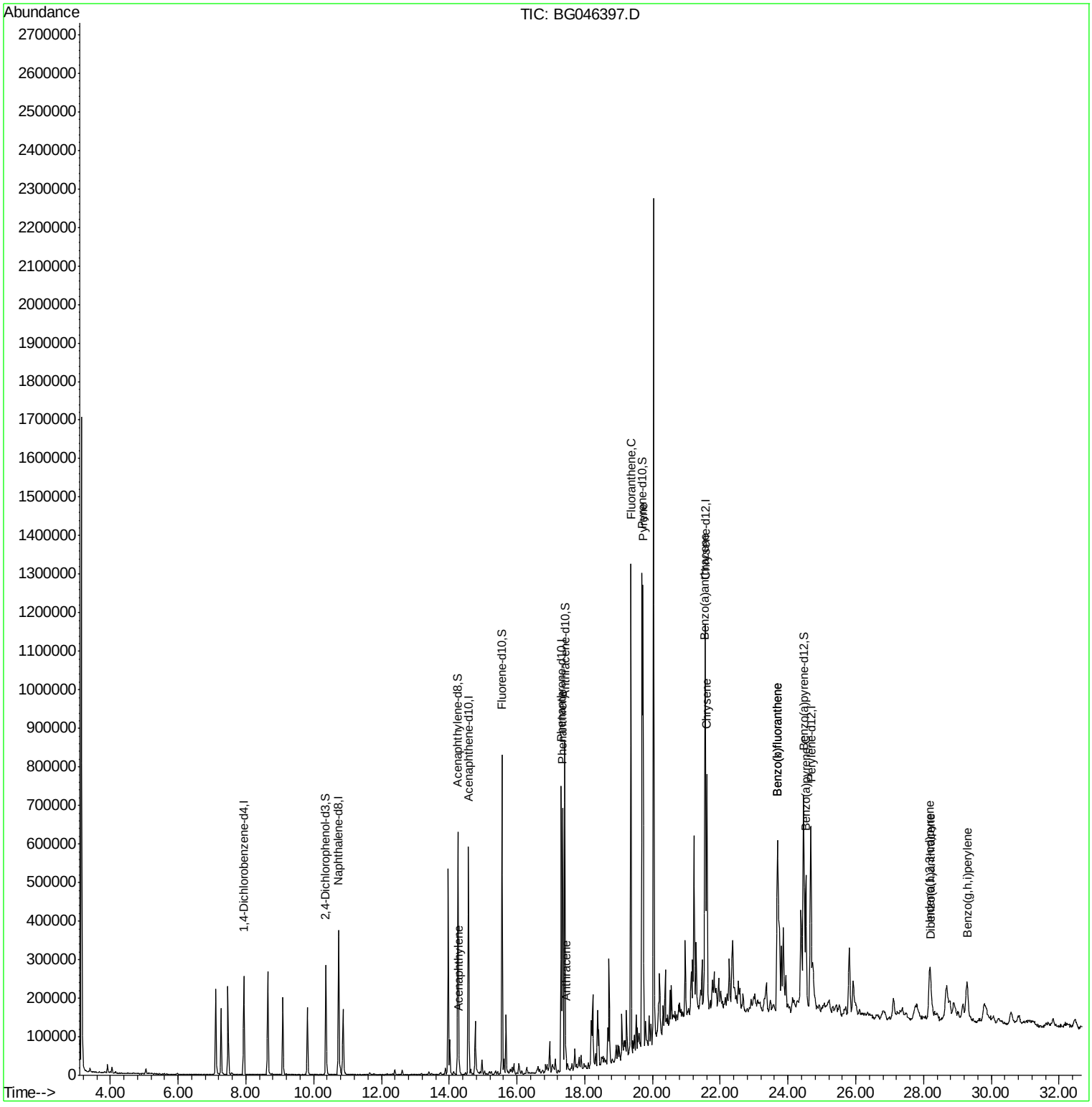
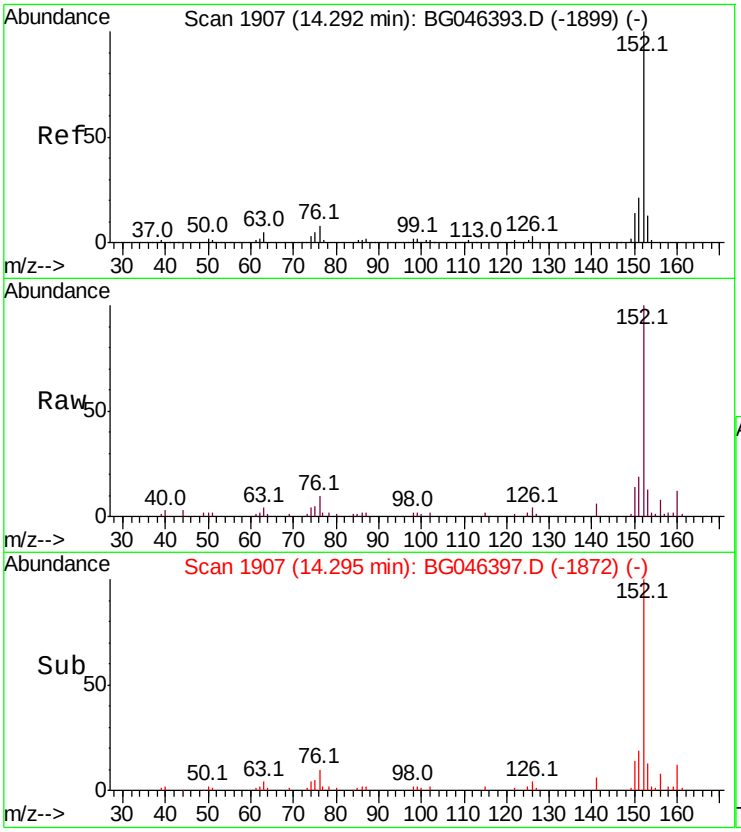
Acq On : 21 Aug 2020 4:00
Operator : CG/JU
Sample : L3635-07
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 21 04:45:26 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



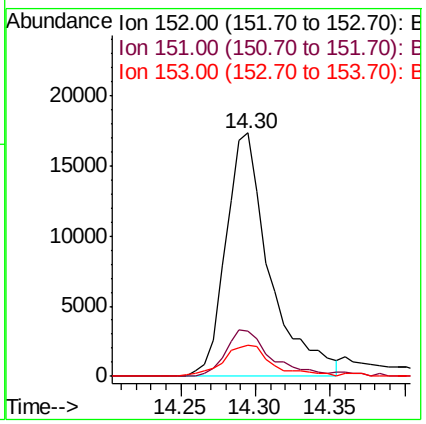


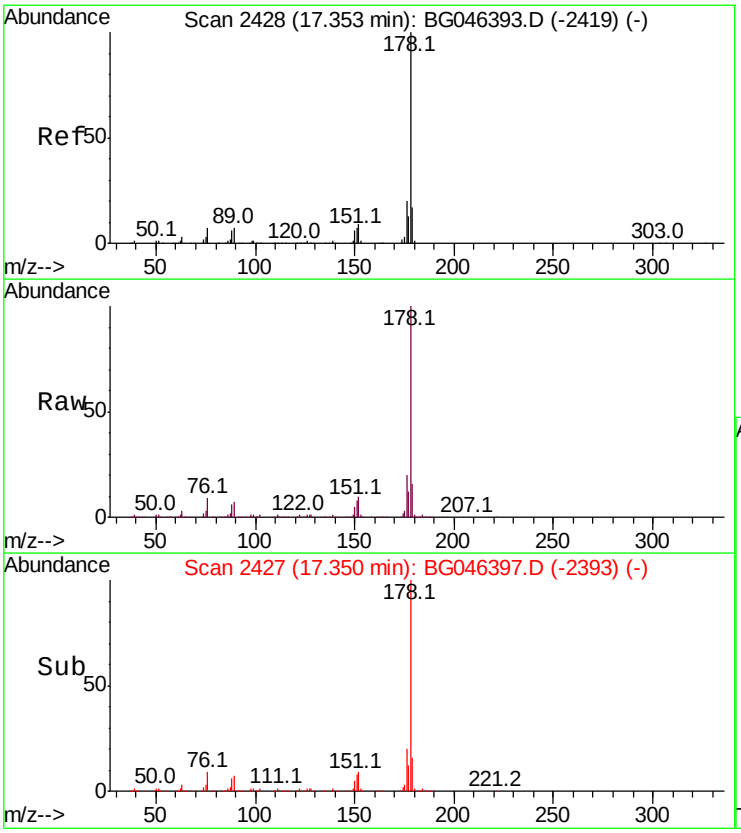
#8
Acenaphthylene
Concen: 1.730 ng/ul
RT: 14.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35487

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.5	24.7
153	12.8	11.0	16.6

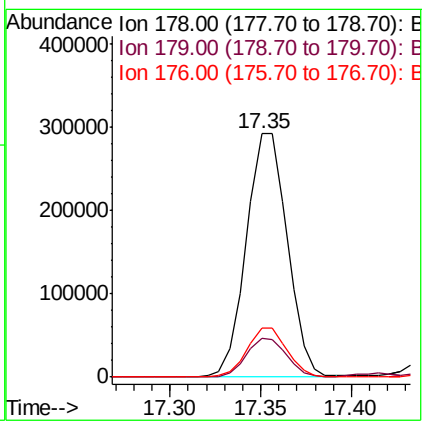


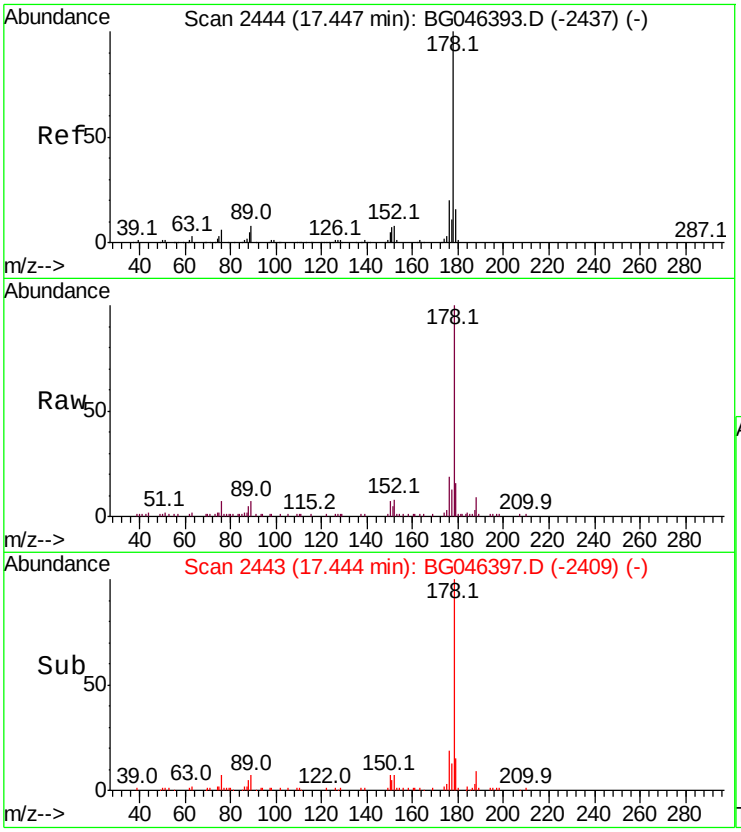


#14
Phenanthrene
Concen: 17.138 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:178 Resp: 459022

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.9	15.8	23.8



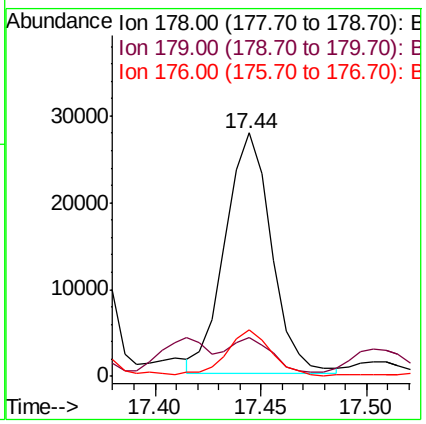


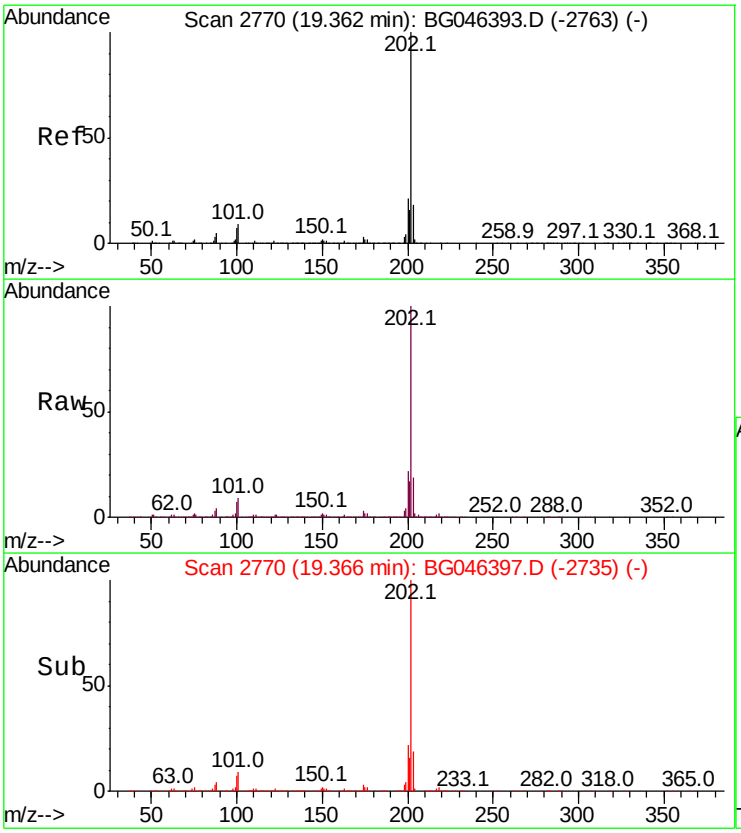
#16
Anthracene
Concen: 1.554 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 41998

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	19.2	15.2	22.8

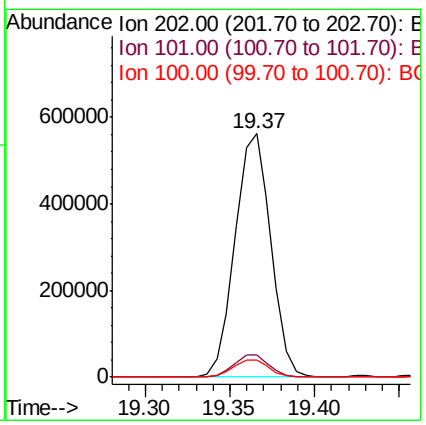


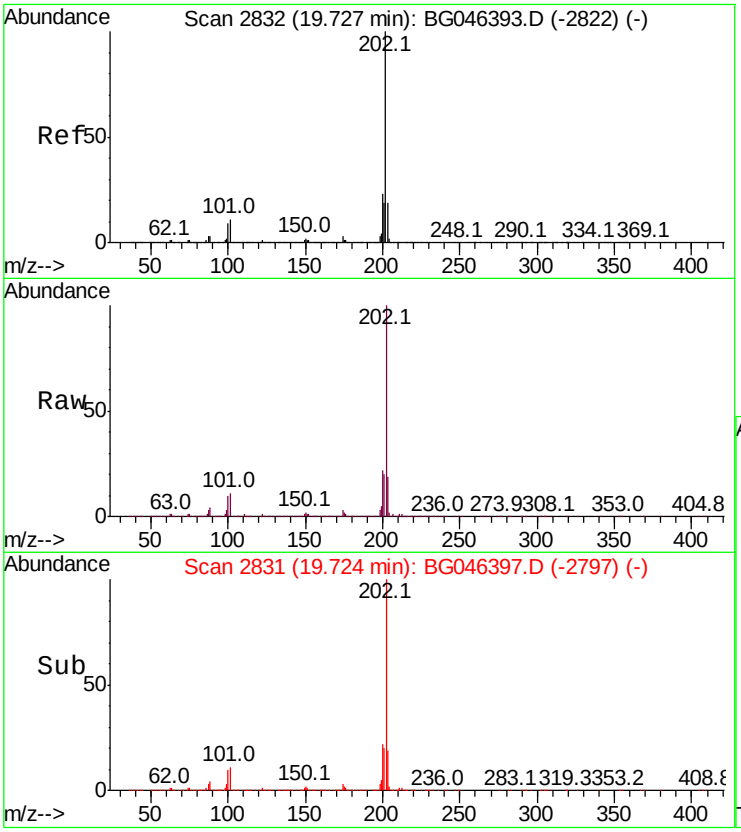


#17
Fluoranthene
Concen: 27.626 ng/ul
RT: 19.37 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:202 Resp: 825054

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.6
100	7.0	5.9	8.9



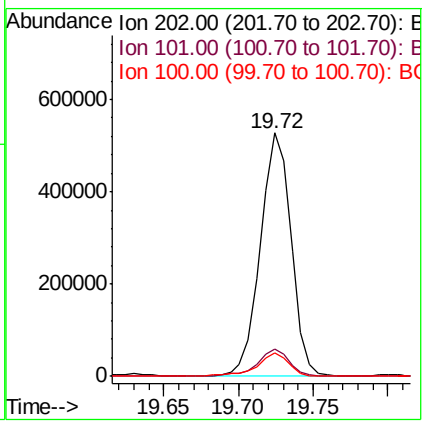


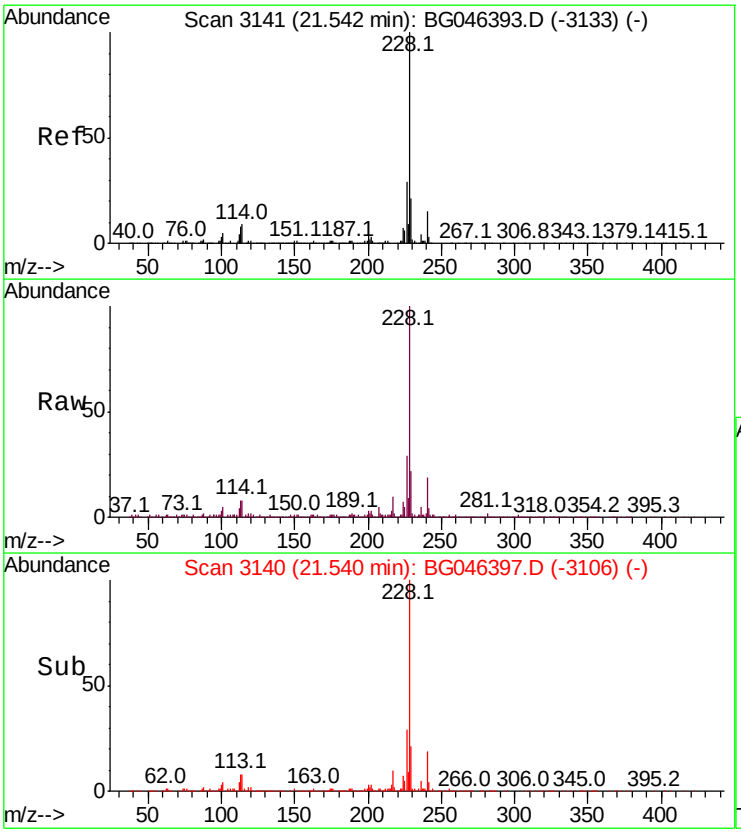
#20
Pyrene
Concen: 23.773 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 748044

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	9.6	7.9	11.9

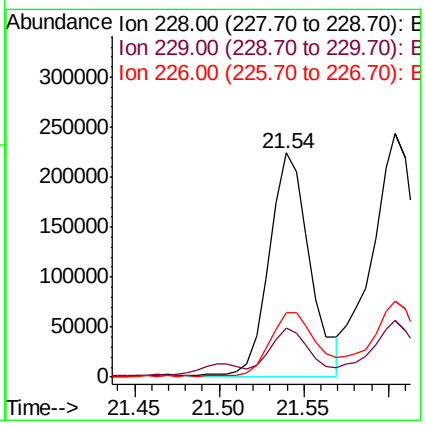


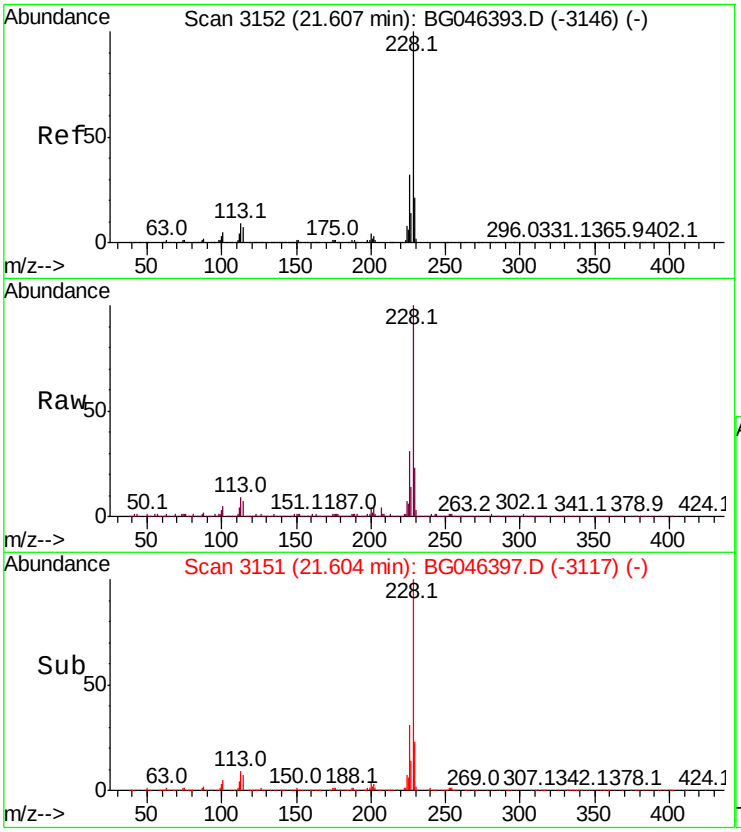


#21
Benzo(a)anthracene
Concen: 11.989 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:228 Resp: 373937

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	29.0	22.6	33.8



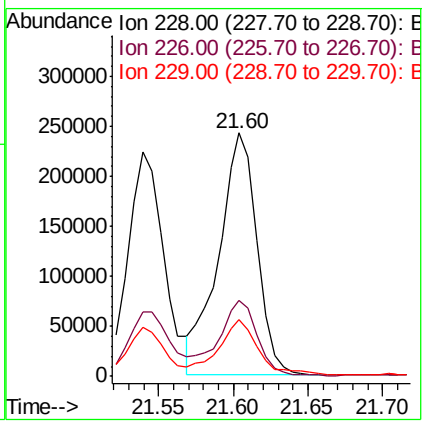


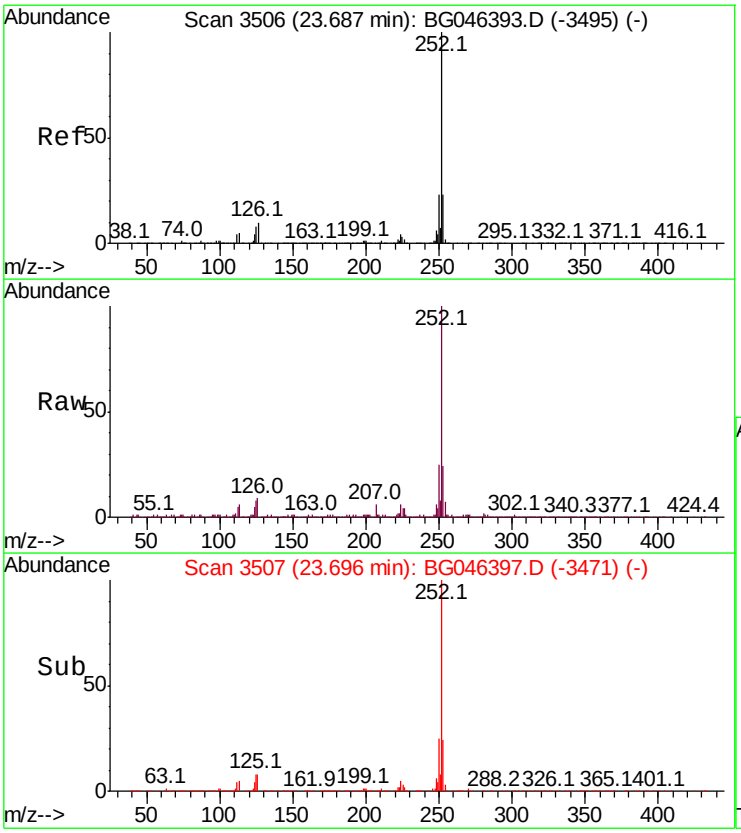
#22
Chrysene
Concen: 14.499 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 437155

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	23.2	17.0	25.4

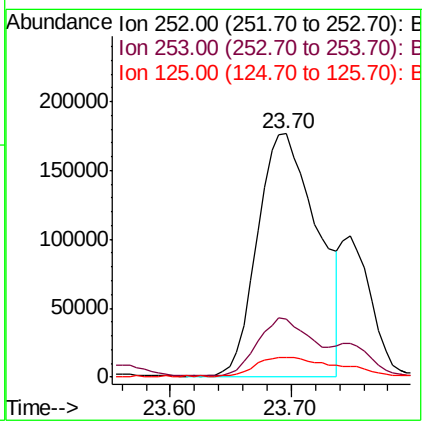


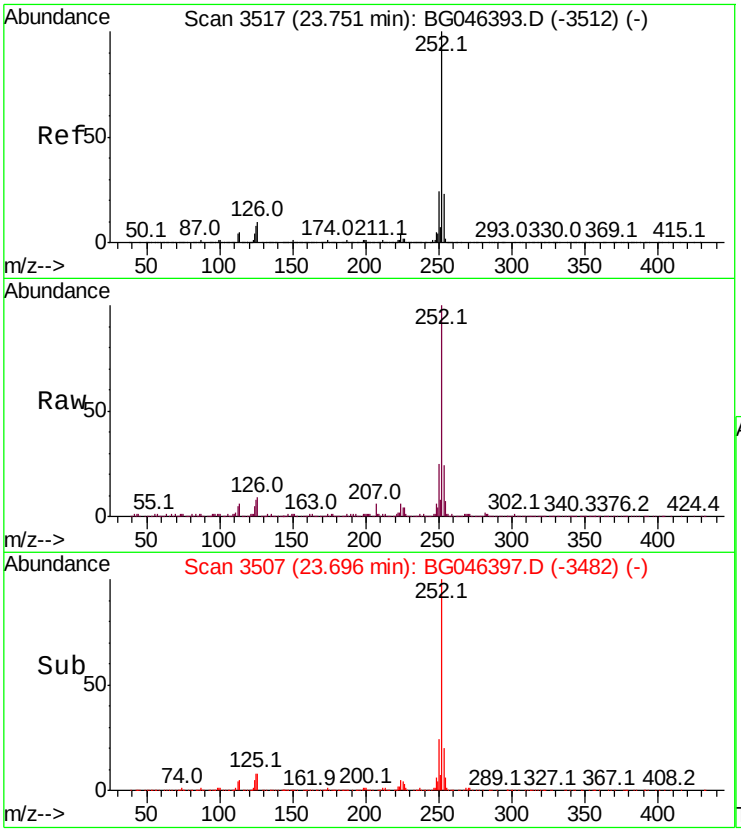


#24
Benzo(b)fluoranthene
Concen: 17.514 ng/ul
RT: 23.70 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:252 Resp: 607828

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.2	6.4	9.6



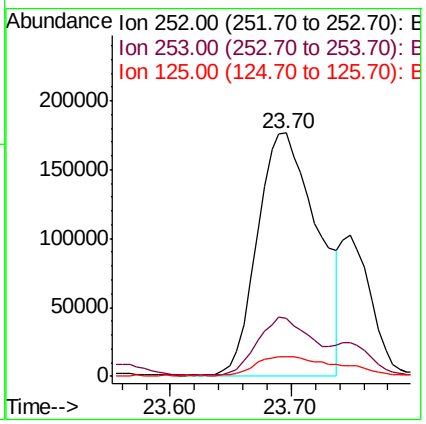


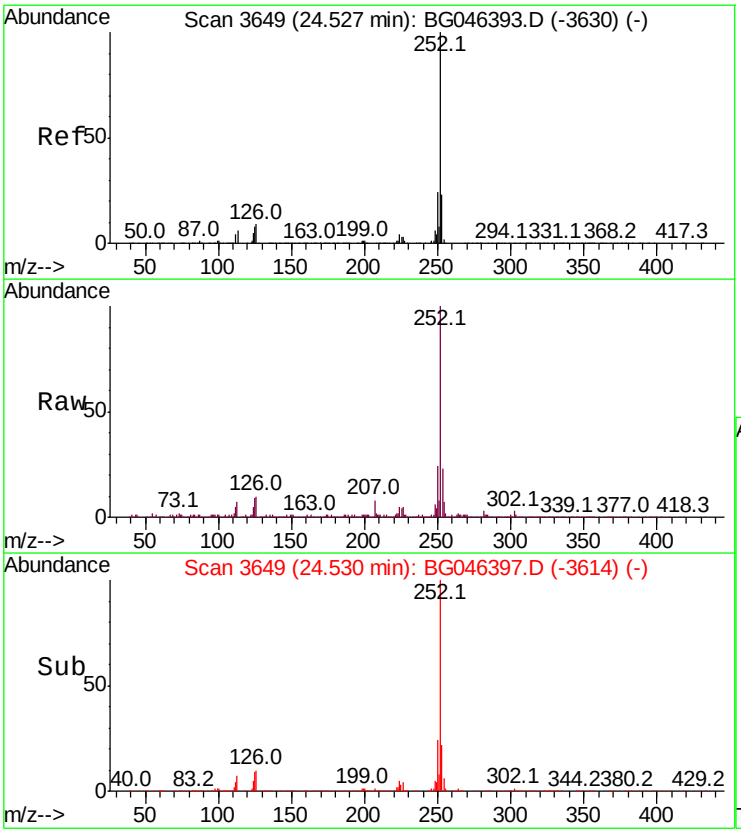
#25
Benzo(k)fluoranthene
Concen: 17.656 ng/ul
RT: 23.70 min Scan# 3507
Delta R.T. -0.06 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 607828

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	8.2	6.2	9.2

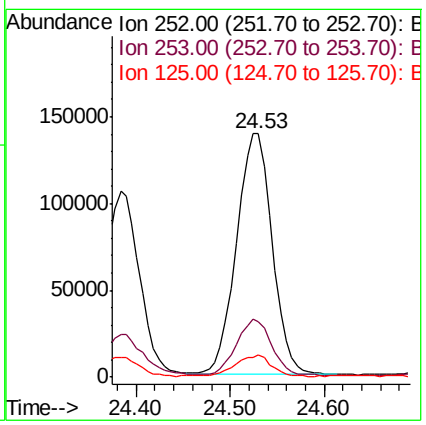


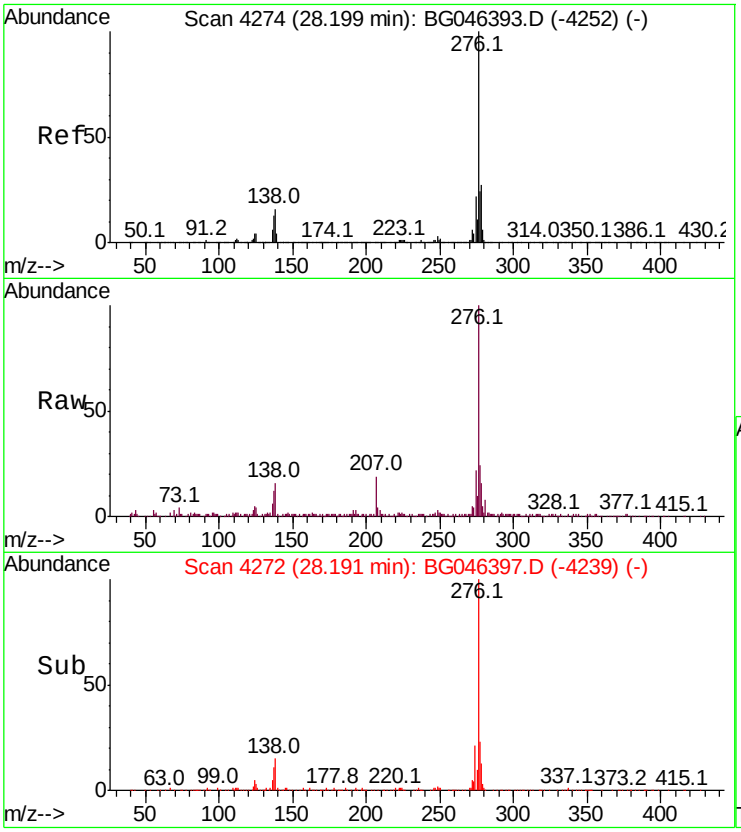


#27
Benzo(a)pyrene
Concen: 11.509 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:252 Resp: 366705

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	8.9	7.1	10.7



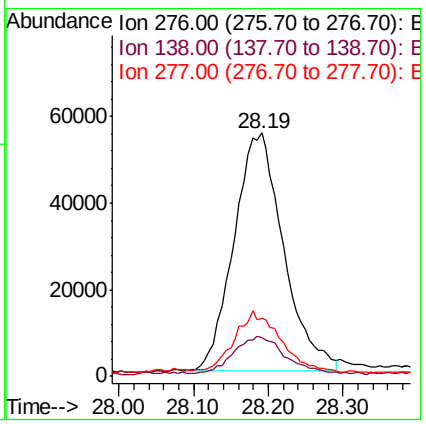


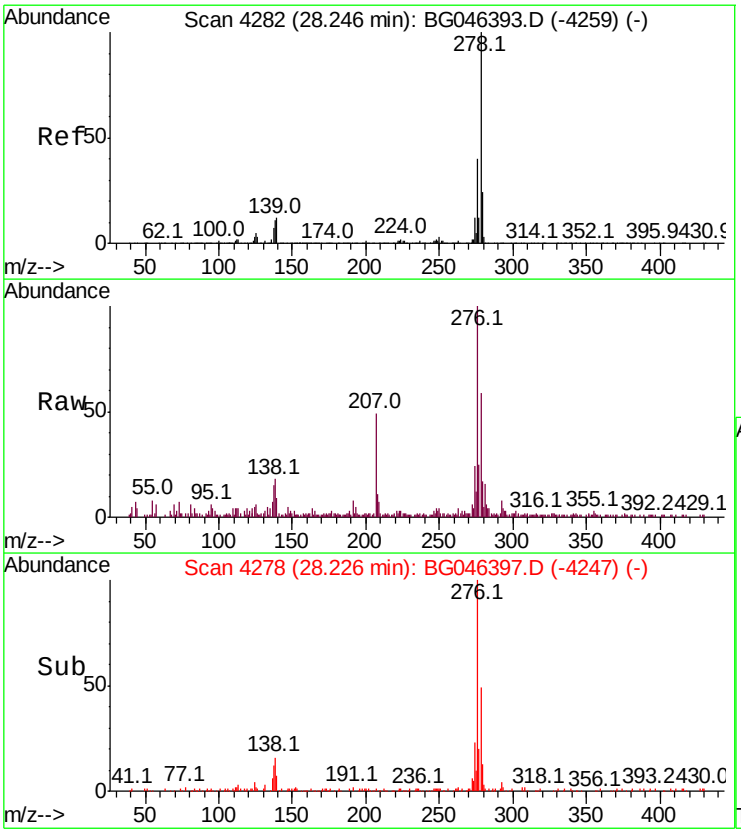
#28
Indeno(1,2,3-cd)pyrene
Concen: 6.377 ng/ul
RT: 28.19 min Scan# 4272
Delta R.T. -0.01 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 254406

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	23.8	19.9	29.9

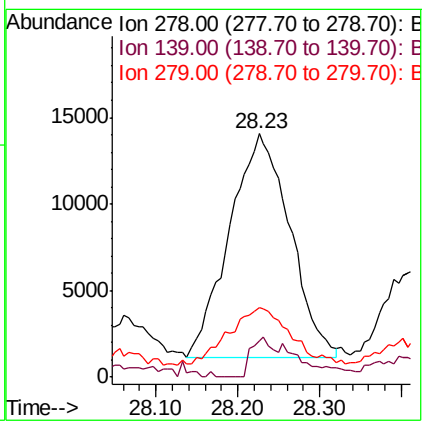


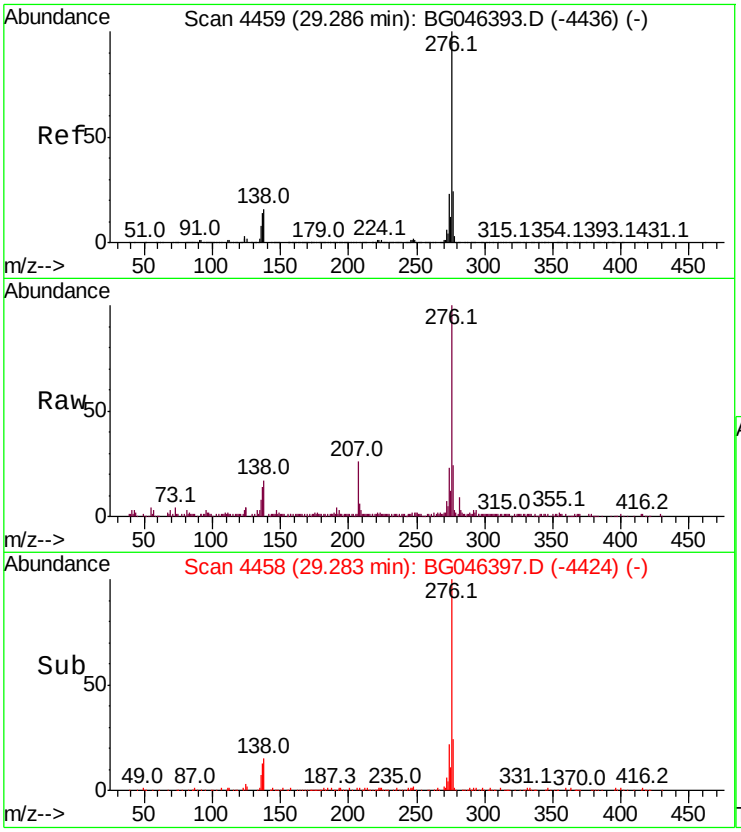


#29
Dibenzo(a,h)anthracene
Concen: 2.052 ng/ul
RT: 28.23 min Scan# 4278
Delta R.T. -0.02 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Tgt Ion:278 Resp: 66368

Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.8	14.8#
279	28.7	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 6.269 ng/ul
RT: 29.28 min Scan# 4458
Delta R.T. -0.00 min
Lab File: BG046397.D
Acq: 21 Aug 2020 4:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 209296

Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	24.3	19.4	29.0