Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046321.D
Acq On : 18 Aug 2020 10:27
Operator : CG/JU
Sample : L3636-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 18 12:14:40 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

Instrument : BNA_G
ClientSampleId : BFMJ8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89697	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	359231	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	235616	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	537531	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	538947	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	568389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	74048	11.97	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	286421	13.21	ng/ul	0.00
10) Fluorene-d10	15.56	176	228602	13.76	ng/ul	0.00
15) Anthracene-d10	17.41	188	334193	13.41	ng/ul	0.00
19) Pyrene-d10	19.69	212	362273	13.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	381763	12.31	ng/ul	-0.01
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	226597	7.663	ng/ul	98
16) Anthracene	17.44	178	30380	1.018	ng/ul	100
17) Fluoranthene	19.36	202	426459	12.933	ng/ul	99
20) Pyrene	19.72	202	364634	10.307	ng/ul	98
21) Benzo(a)anthracene	21.54	228	185930	5.302	ng/ul	97
22) Chrysene	21.60	228	215553	6.359	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	278153	7.400	ng/ul	98
25) Benzo(k)fluoranthene	23.73	252	109262m	2.930	ng/ul	
27) Benzo(a)pyrene	24.51	252	167364	4.850	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.16	276	130582	3.022	ng/ul	97
30) Benzo(g,h,i)perylene	29.25	276	100194	2.771	ng/ul	97

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

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Sample : L3636-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 18 12:14:40 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

Instrument :
BNA_G
ClientSampleId :
BFMJ8

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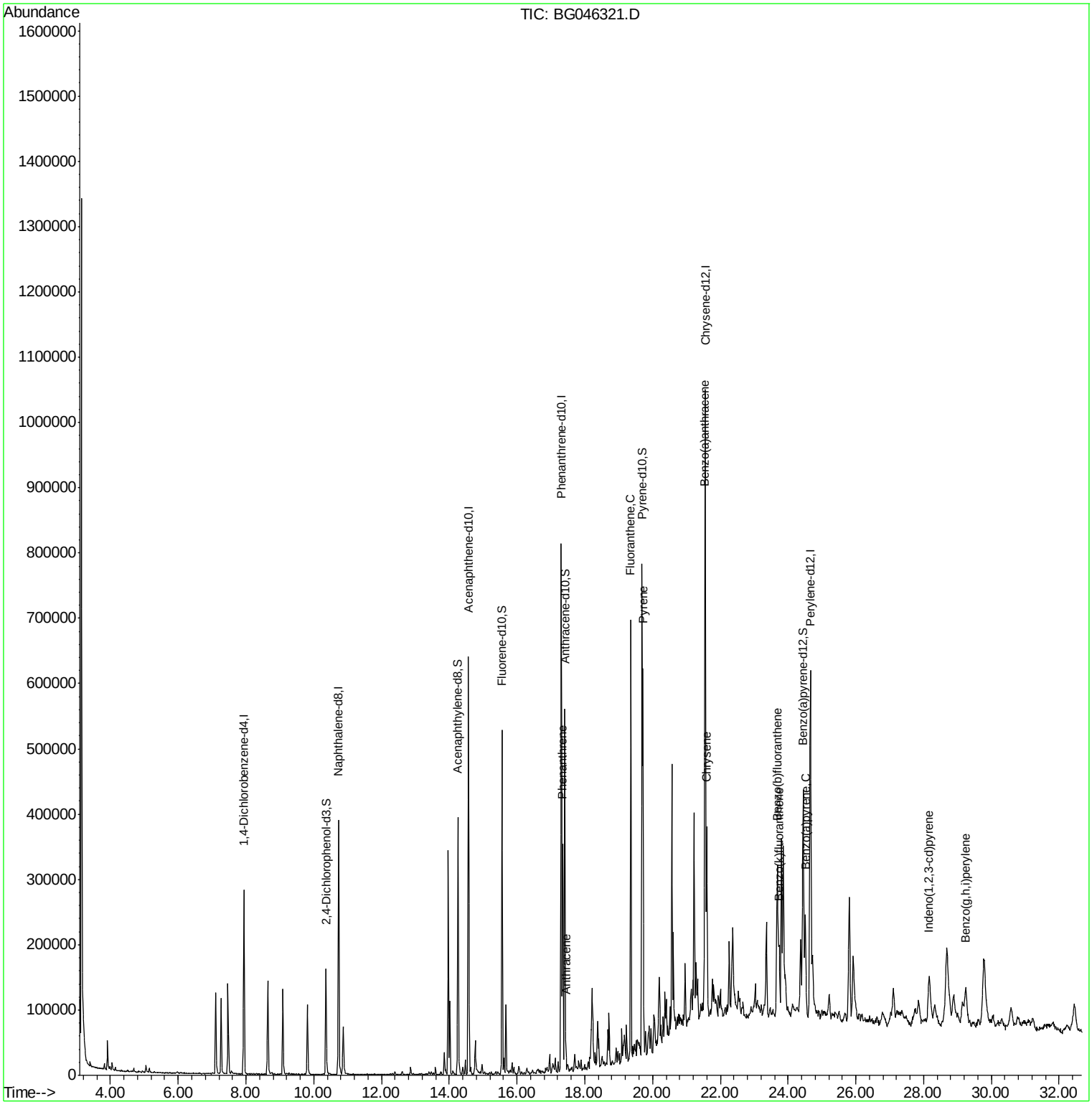
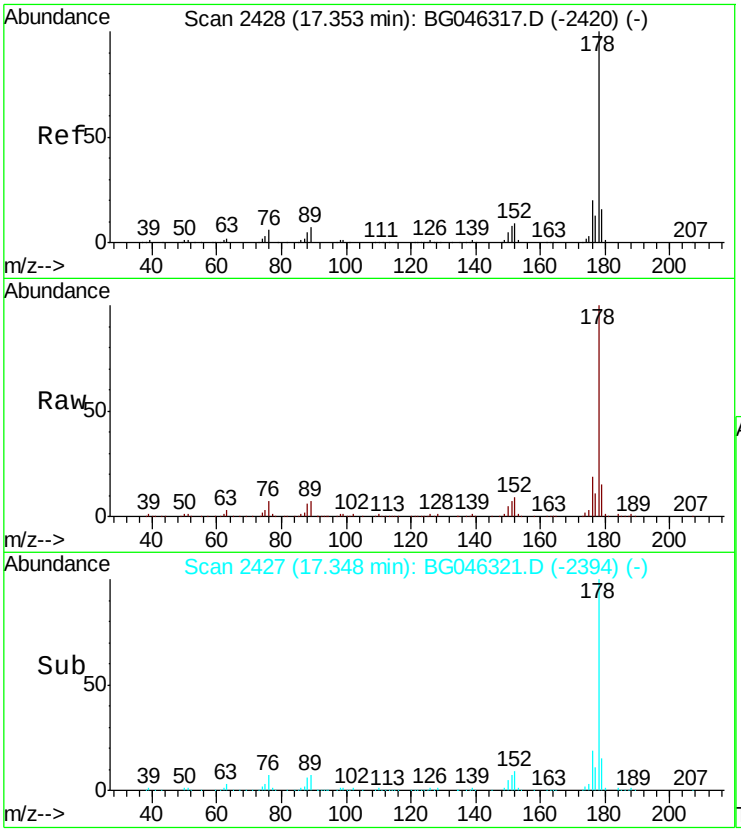
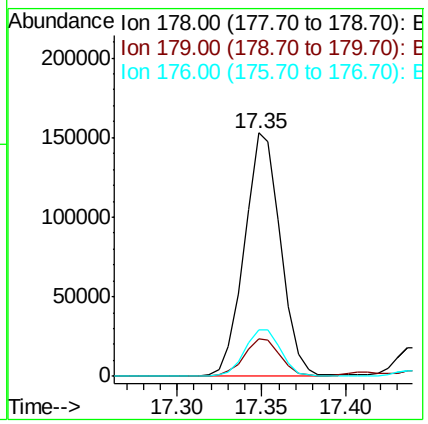




#14
Phenanthrene
Concen: 7.663 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:178 Resp: 226597

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.0	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
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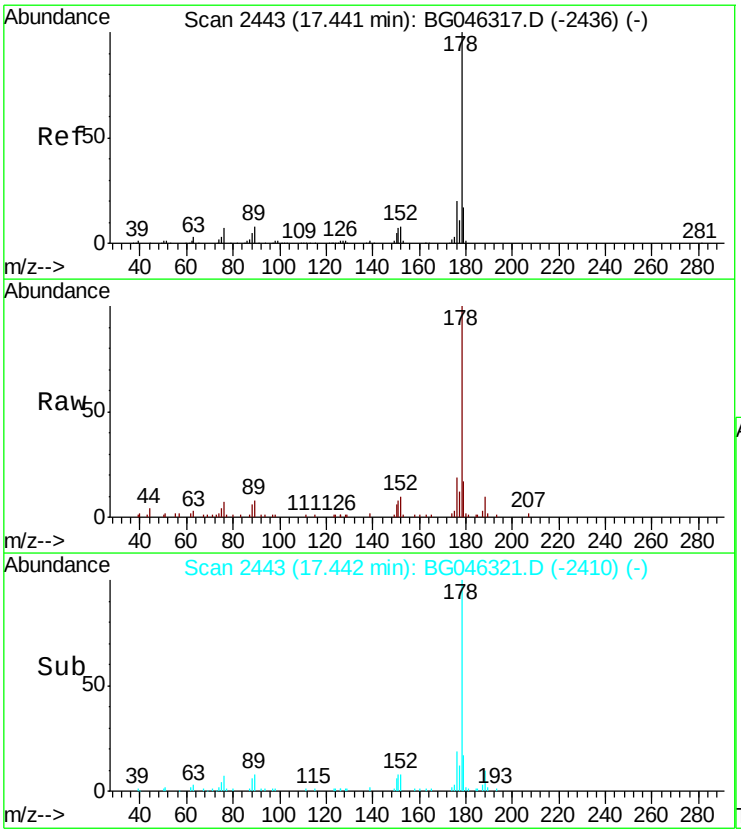
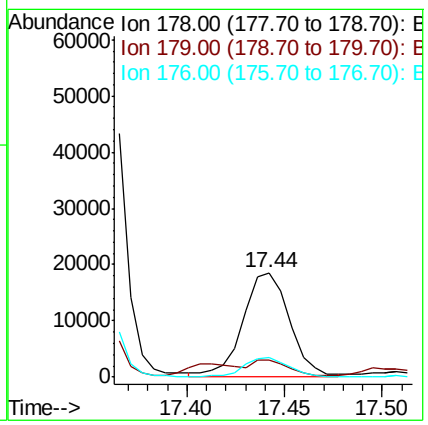
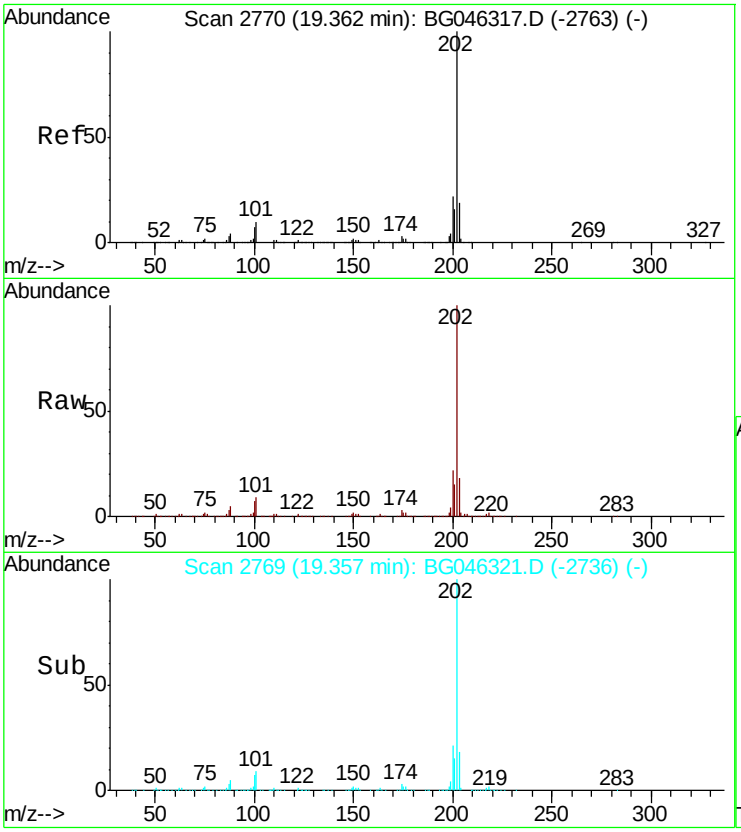


#16
Anthracene
Concen: 1.018 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:178 Resp: 30380

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.2	19.8
176	18.7	15.2	22.8

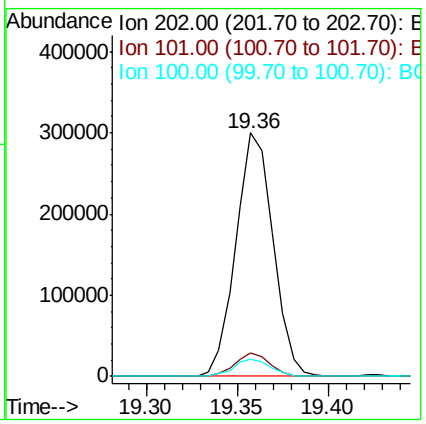




#17
Fluoranthene
Concen: 12.933 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:202 Resp: 426459

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.6
100	7.2	5.9	8.9



Instrument :
BNA_G
ClientSampleId :
BFMJ8

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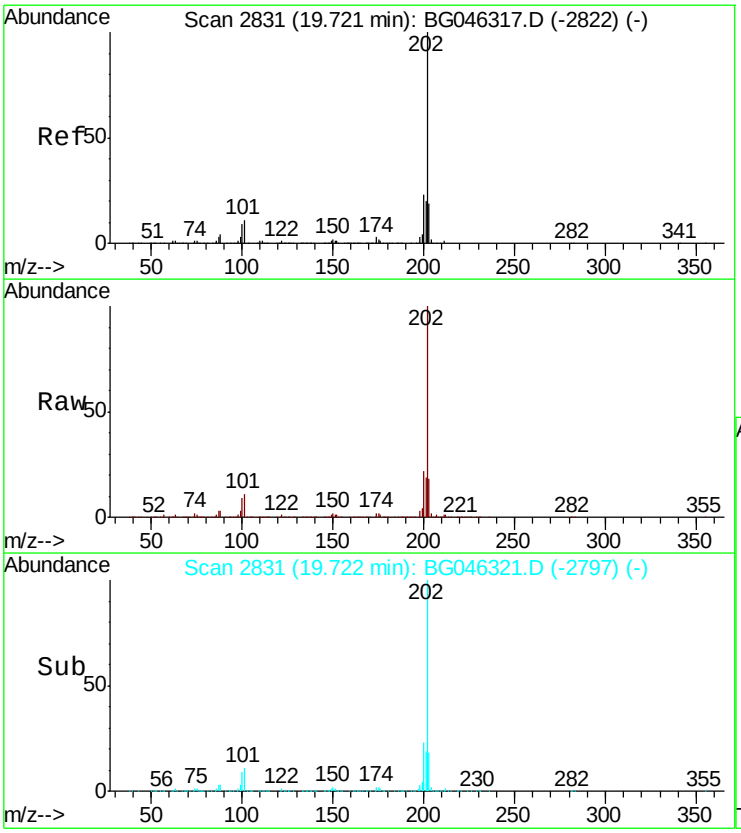
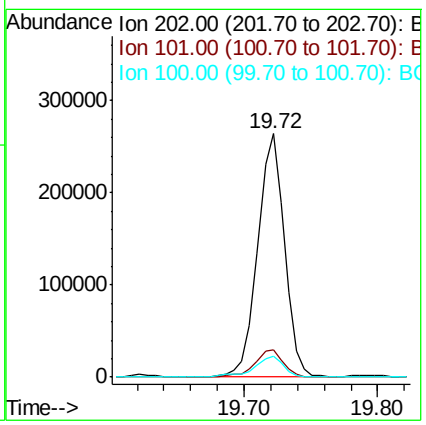
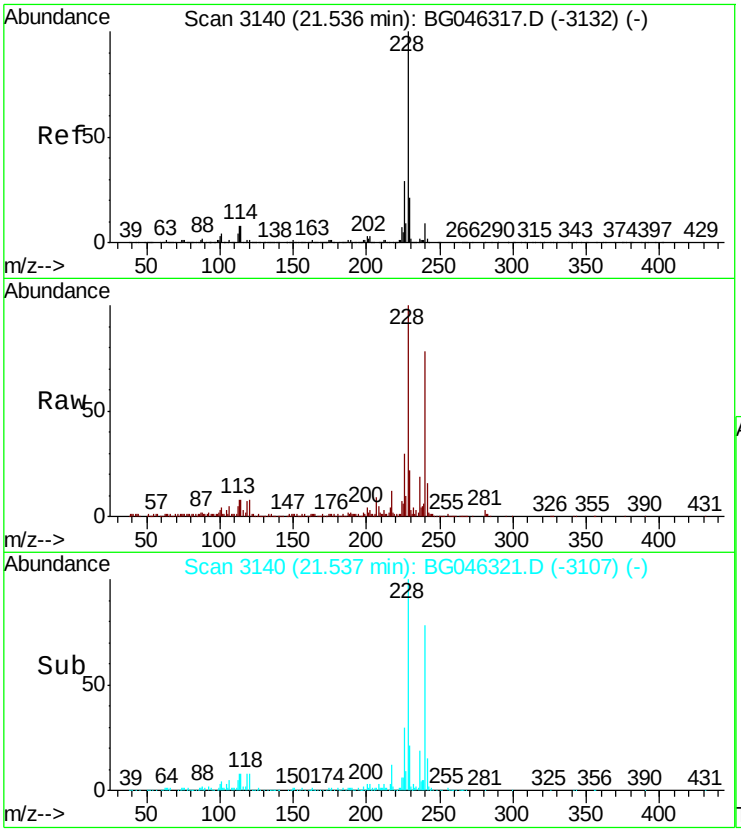


#20
Pyrene
Concen: 10.307 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:202 Resp: 364634

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.7	7.9	11.9

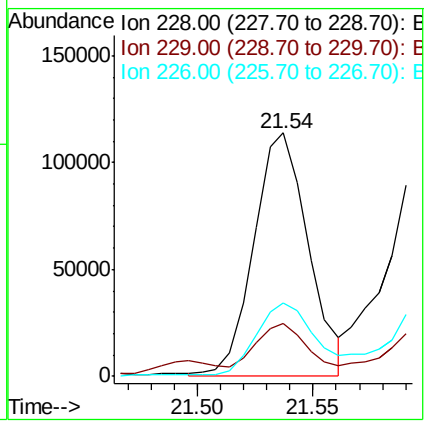




#21
Benzo(a)anthracene
Concen: 5.302 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:228 Resp: 185930

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	30.4	22.6	33.8



Instrument :
BNA_G
ClientSampleId :
BFMJ8

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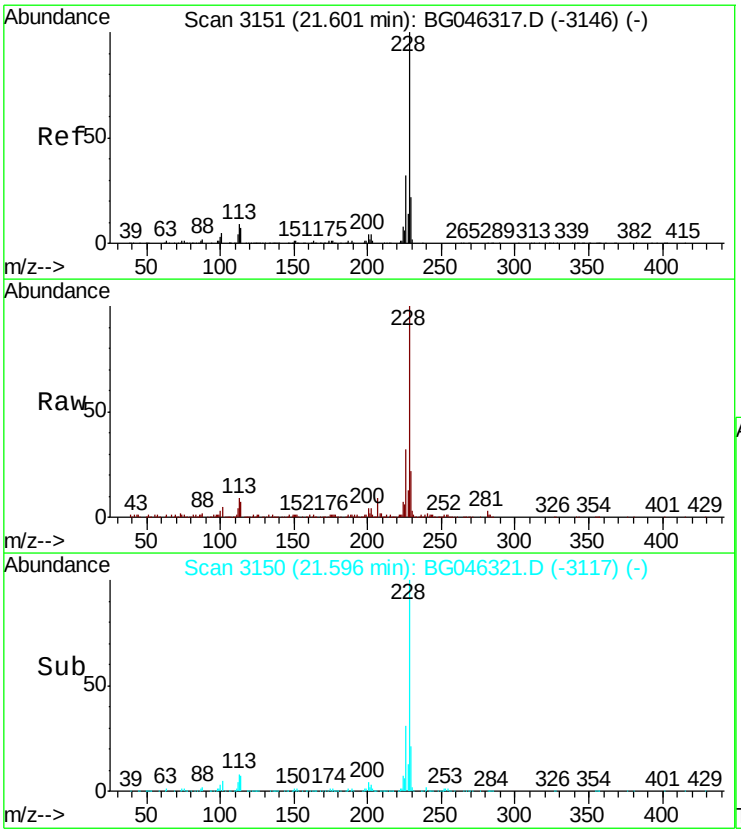
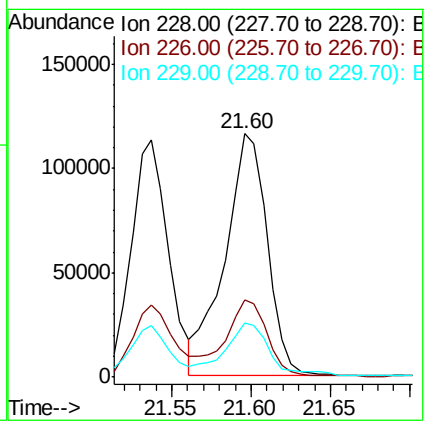
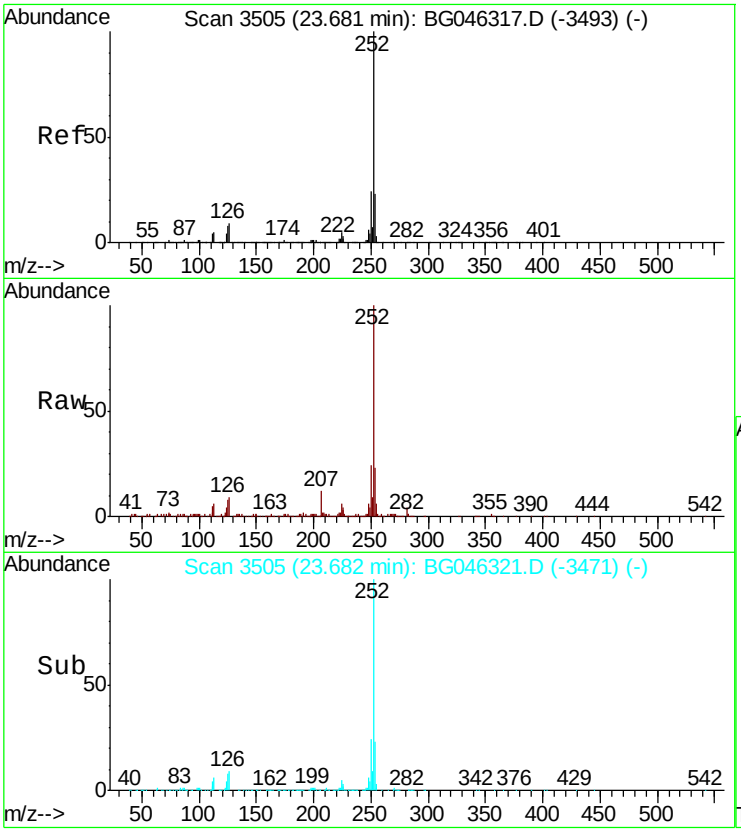


#22
Chrysene
Concen: 6.359 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:228 Resp: 215553

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	22.1	17.0	25.4

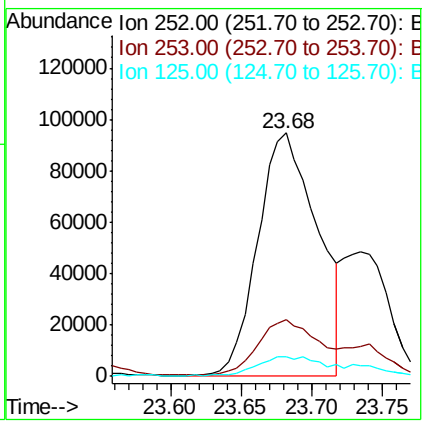




#24
Benzo(b)fluoranthene
Concen: 7.400 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:252 Resp: 278153

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.0	6.4	9.6



Instrument :
BNA_G
ClientSampleId :
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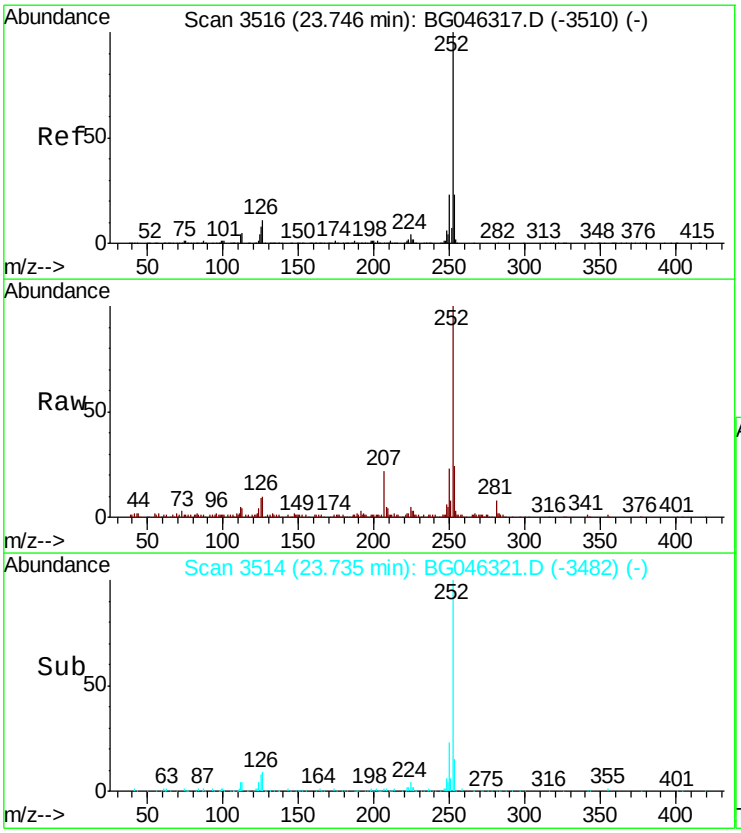
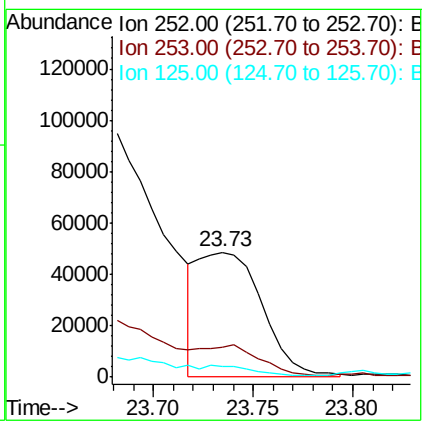
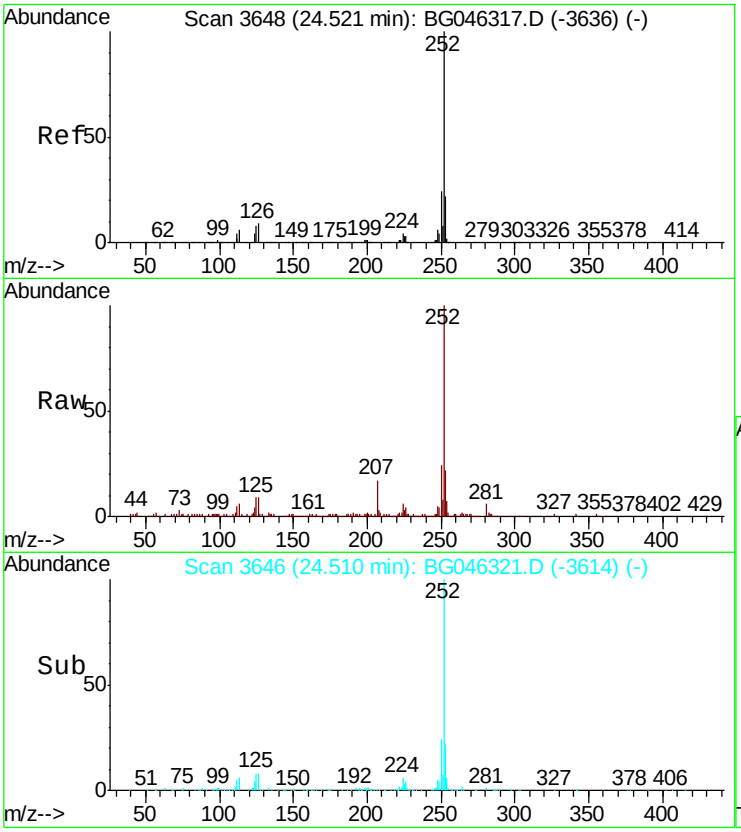


#25
Benzo(k)fluoranthene
Concen: 2.930 ng/ul m
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:252 Resp: 109262

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	8.5	6.2	9.2





#27
Benzo(a)pyrene
Concen: 4.850 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:252 Resp: 167364

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.0	7.1	10.7

Instrument :
BNA_G
ClientSampleId :
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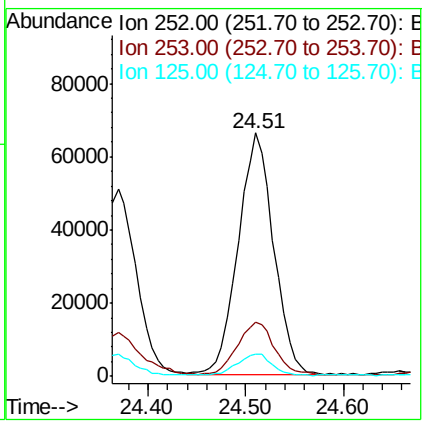
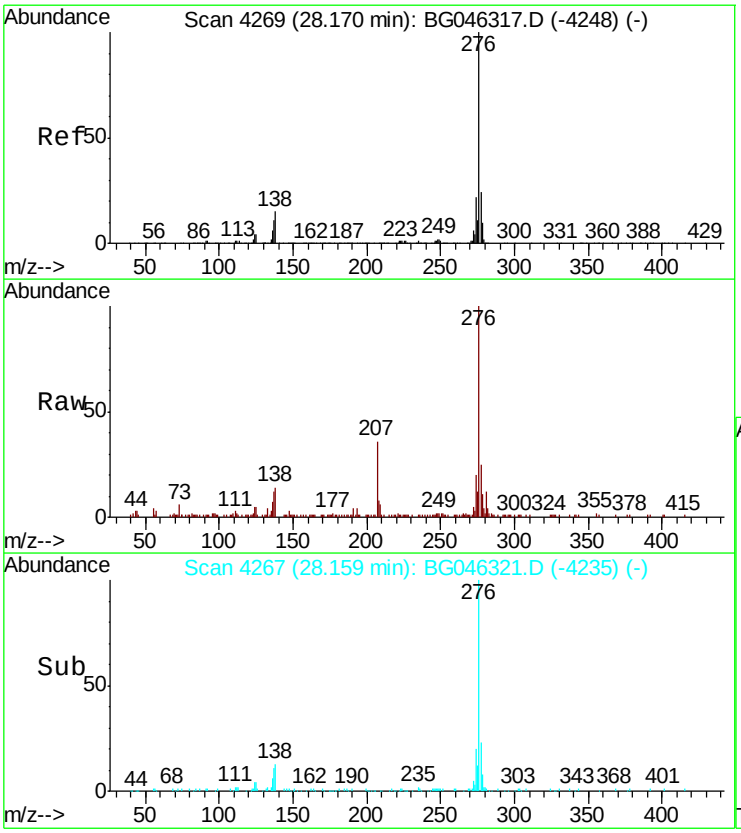
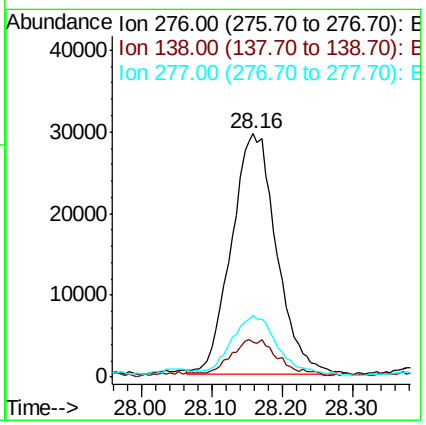


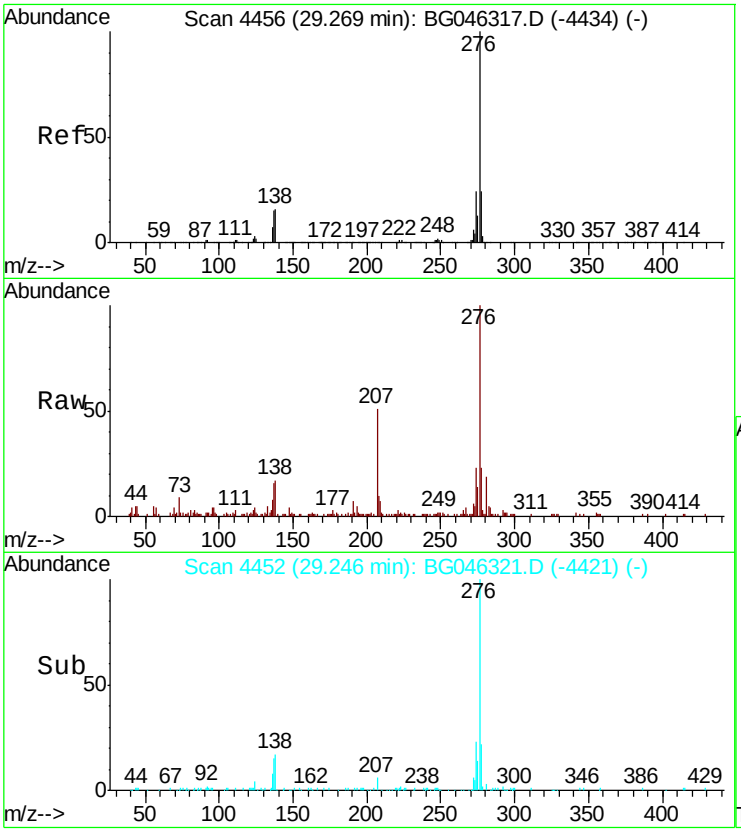


#28
Indeno(1,2,3-cd)pyrene
Concen: 3.022 ng/ul
RT: 28.16 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:276 Resp: 130582

Ion	Ratio	Lower	Upper
276	100		
138	14.2	13.2	19.8
277	25.3	19.9	29.9

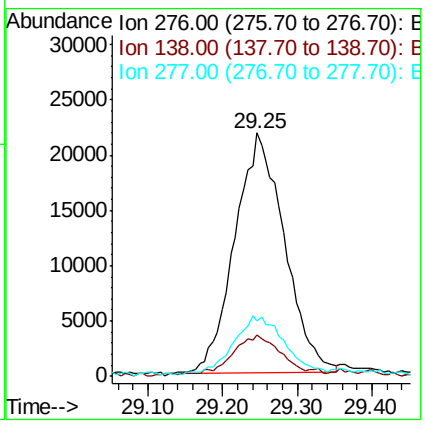




#30
Benzo(g,h,i)perylene
Concen: 2.771 ng/ul
RT: 29.25 min Scan# 4452
Delta R.T. -0.02 min
Lab File: BG046321.D
Acq: 18 Aug 2020 10:27

Tgt Ion:276 Resp: 100194

Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.9	19.3
277	22.7	19.4	29.0



Instrument :
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