

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046266.D
 Acq On : 14 Aug 2020 3:06
 Operator : CG/JU
 Sample : L3629-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM63

Manual Integrations
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Quant Time: Aug 14 13:04:00 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	125913	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	494834	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	317965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	690189	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	664571	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	707688	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	85637	10.05	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	346604	11.84	ng/ul	0.00
10) Fluorene-d10	15.57	176	263702	11.76	ng/ul	0.00
15) Anthracene-d10	17.42	188	393661	12.30	ng/ul	0.00
19) Pyrene-d10	19.70	212	437511	12.79	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	458298	11.87	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	261439	6.885	ng/ul	98
16) Anthracene	17.45	178	48186	1.258	ng/ul	98
17) Fluoranthene	19.37	202	602188	14.223	ng/ul	100
20) Pyrene	19.73	202	523430	11.999	ng/ul	99
21) Benzo(a)anthracene	21.54	228	304785	7.049	ng/ul	97
22) Chrysene	21.61	228	331708	7.936	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	498509	10.652	ng/ul	97
25) Benzo(k)fluoranthene	23.75	252	171347m	3.691	ng/ul	
27) Benzo(a)pyrene	24.52	252	314187	7.313	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	247099	4.593	ng/ul	96
29) Dibenzo(a,h)anthracene	28.22	278	68352m	1.567	ng/ul	
30) Benzo(a,h,i)perylene	29.27	276	223949	4.974	ng/ul	99

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

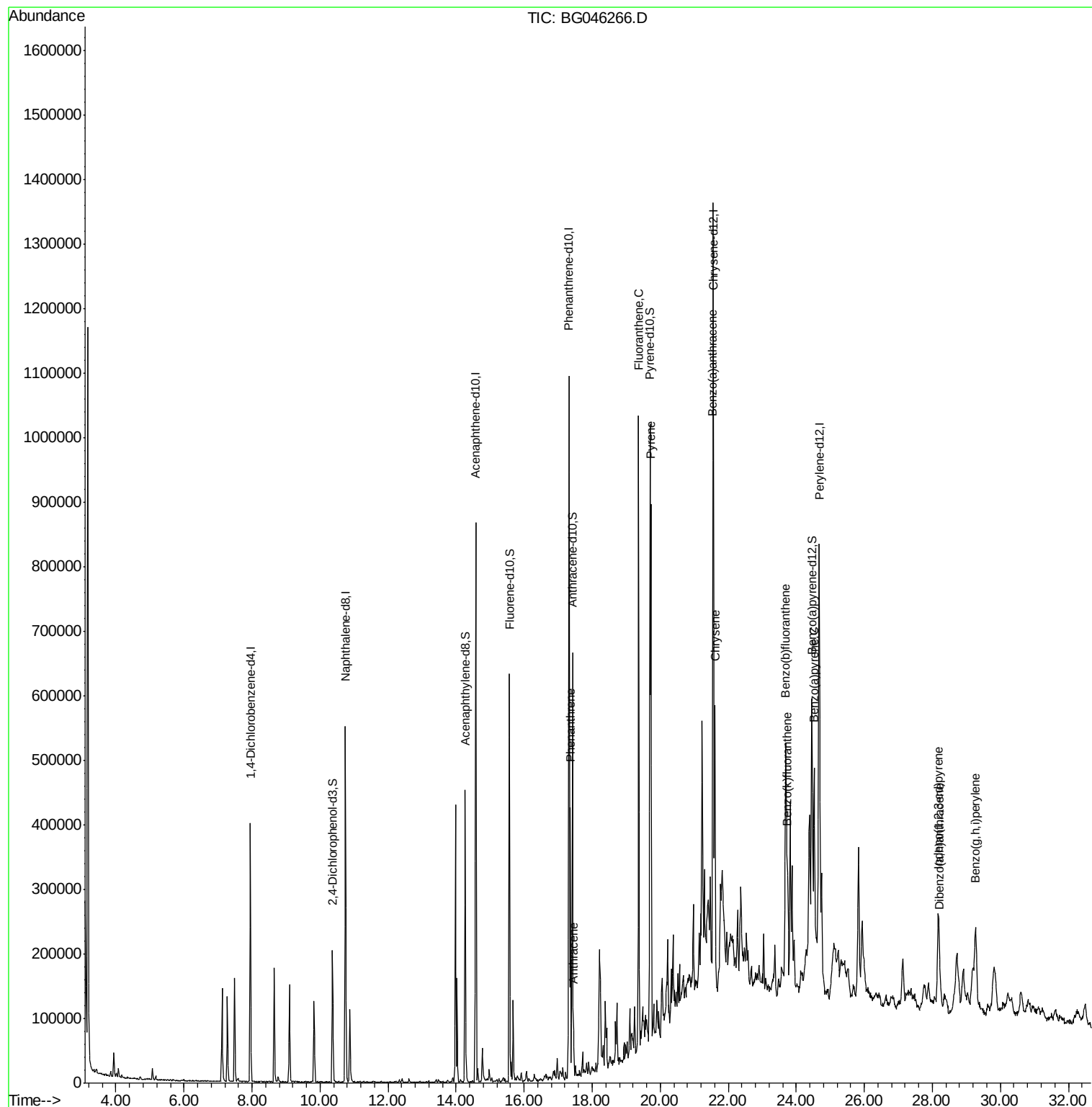
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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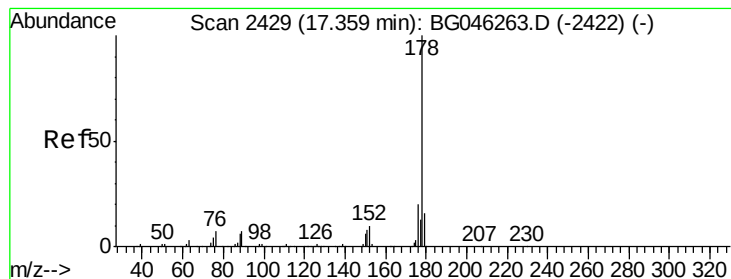
Instrument :
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Quant Time: Aug 14 13:04:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#14

Phenanthrene

Concen: 6.885 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG046266.D

Acq: 14 Aug 2020 3:06

Instrument :

BNA_G

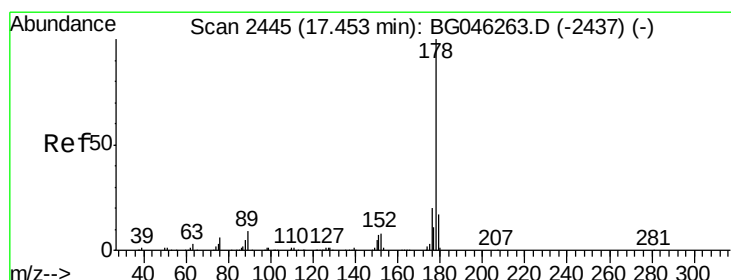
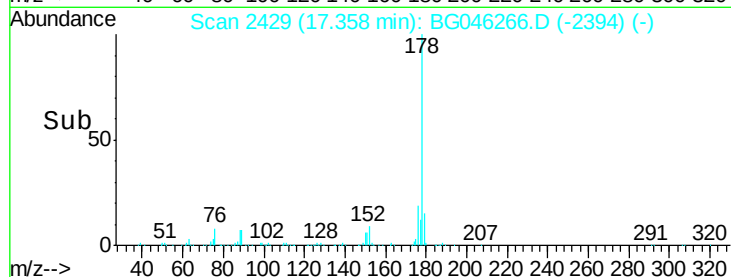
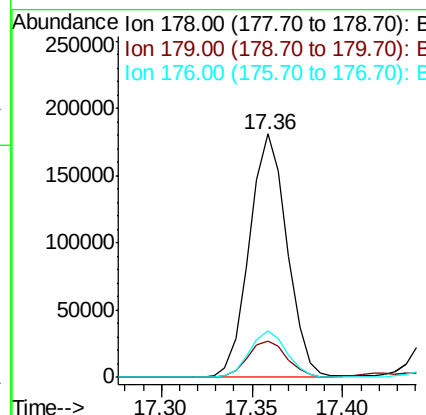
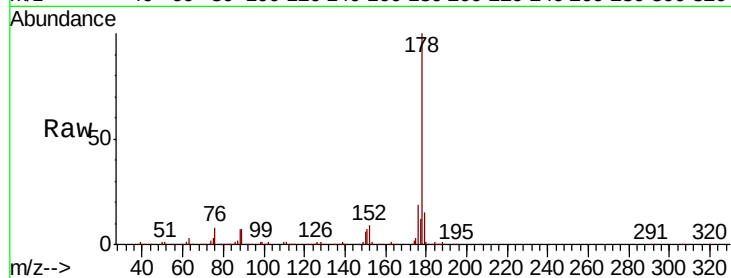
ClientSampled :

BFM63

Tot Ion:	178	Resp:	261439
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.8	19.2
176	19.3	15.8	23.8

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#16

Anthracene

Concen: 1.258 ng/ul

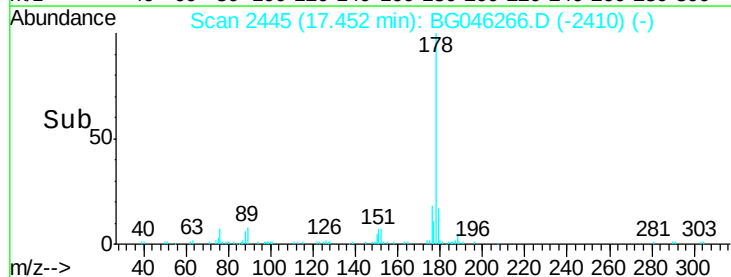
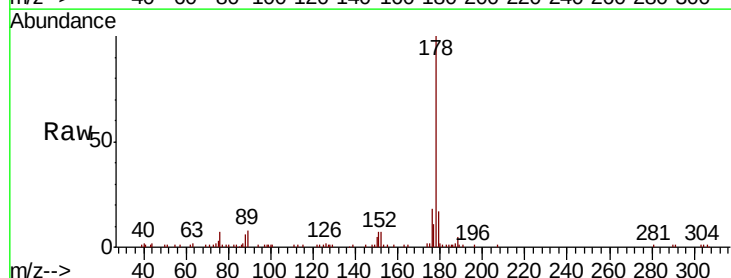
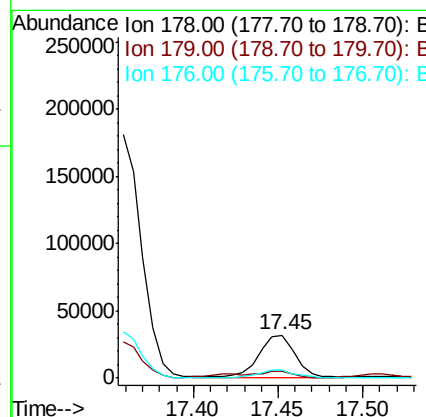
RT: 17.45 min Scan# 2445

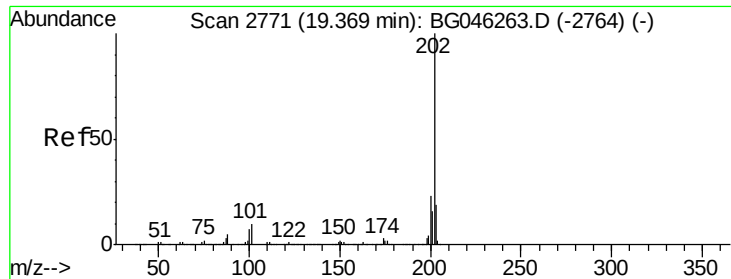
Delta R.T. 0.00 min

Lab File: BG046266.D

Acq: 14 Aug 2020 3:06

Tgt Ion:	178	Resp:	48186
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.2	19.8
176	17.6	15.2	22.8





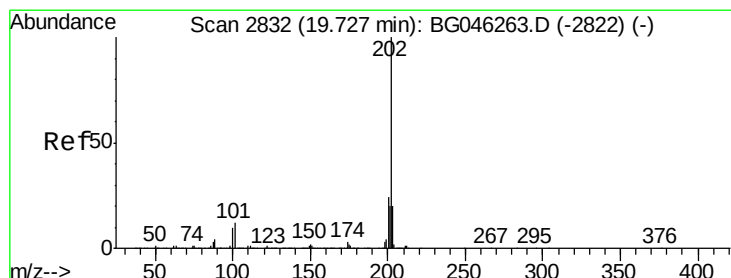
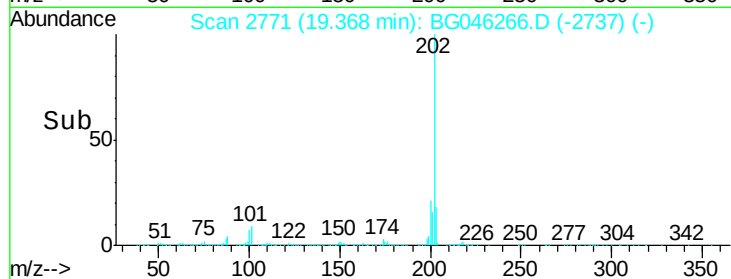
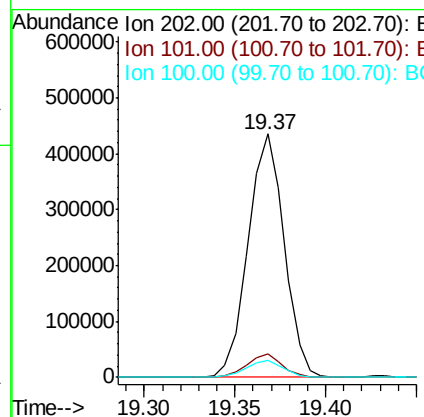
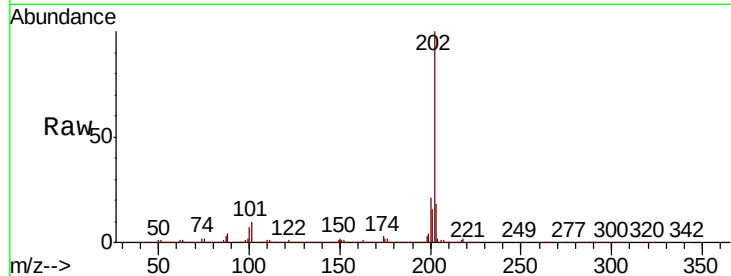
#17
Fluoranthene
 Concen: 14.223 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BG046266.D
 Acq: 14 Aug 2020 3:06

Instrument :
 BNA_G
 ClientSampled :
 BFM63

Tot Ion	Ratio	Resp	Lower	Upper
202	100	602188		
101	9.6	7.8	11.6	
100	7.2	5.9	8.9	

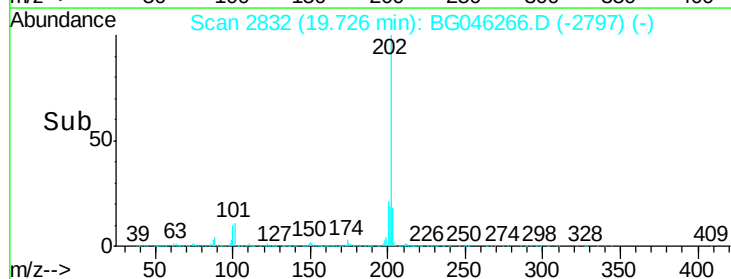
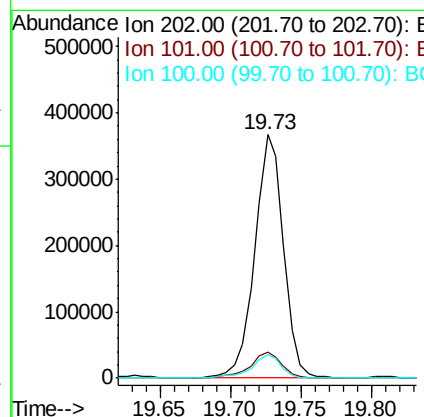
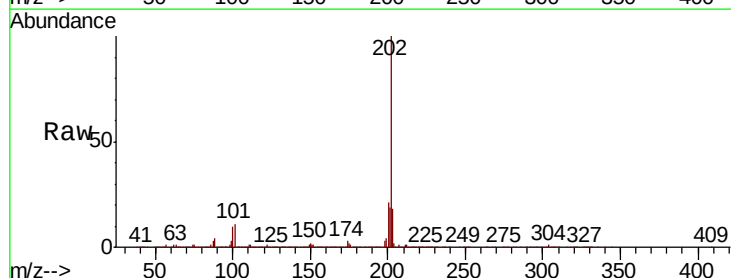
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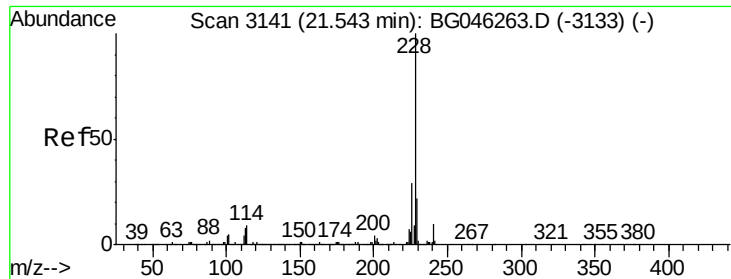
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#20
Pyrene
 Concen: 11.999 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG046266.D
 Acq: 14 Aug 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	523430		
101	10.9	8.9	13.3	
100	9.7	7.9	11.9	





#21

Benzo(a)anthracene

Concen: 7.049 ng/ul

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046266.D

Acq: 14 Aug 2020 3:06

Instrument :

BNA_G

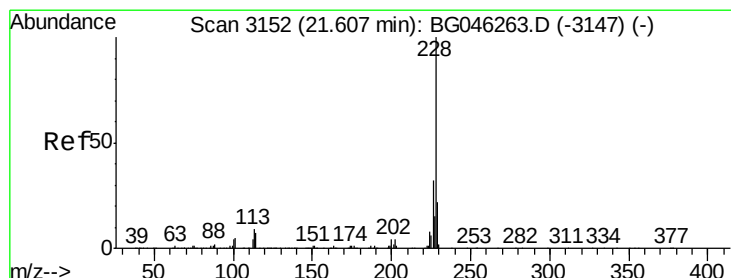
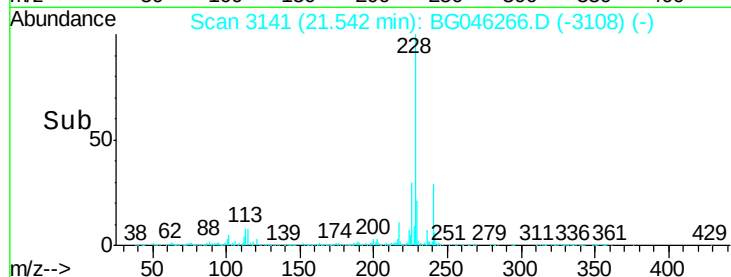
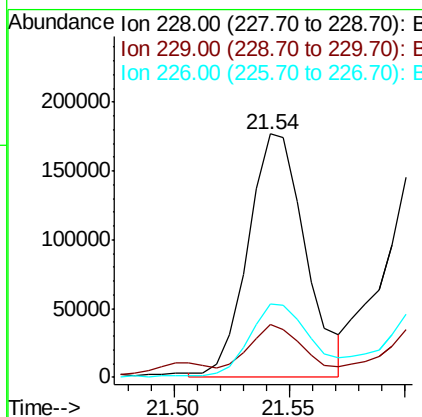
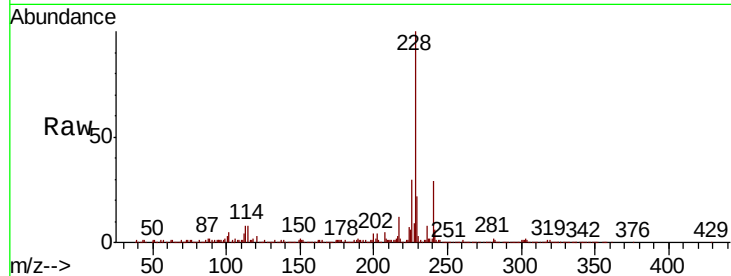
ClientSampleId :

BFM63

Tot Ion:	228	Resp:	304785
Ion Ratio		Lower	Upper
228	100		
229	21.5	16.6	25.0
226	30.3	22.6	33.8

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#22

Chrysene

Concen: 7.936 ng/ul

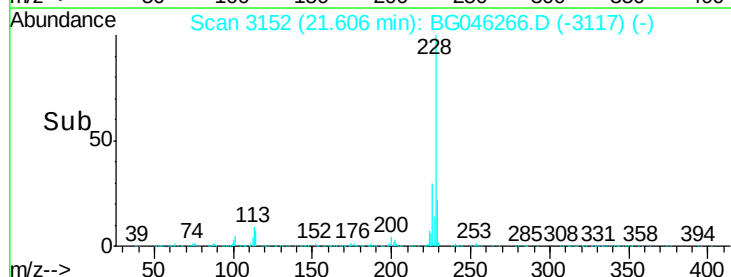
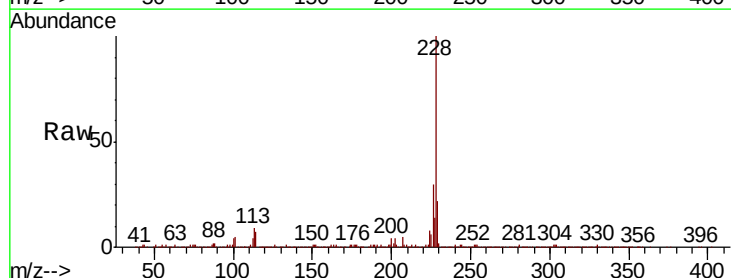
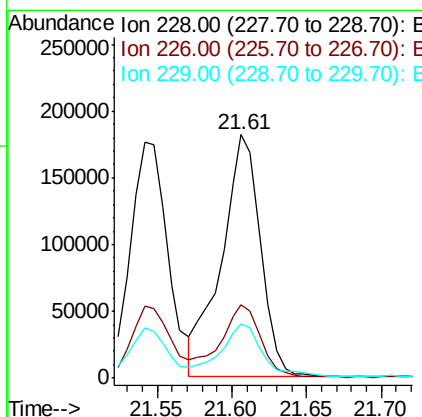
RT: 21.61 min Scan# 3152

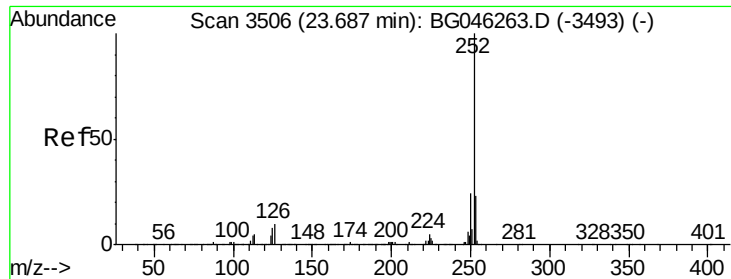
Delta R.T. 0.00 min

Lab File: BG046266.D

Acq: 14 Aug 2020 3:06

Tgt Ion:	228	Resp:	331708
Ion Ratio		Lower	Upper
228	100		
226	30.1	25.5	38.3
229	22.4	17.0	25.4





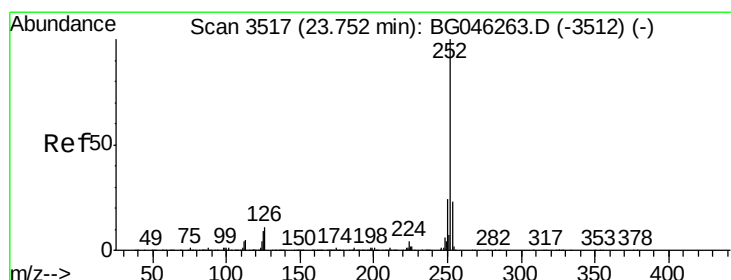
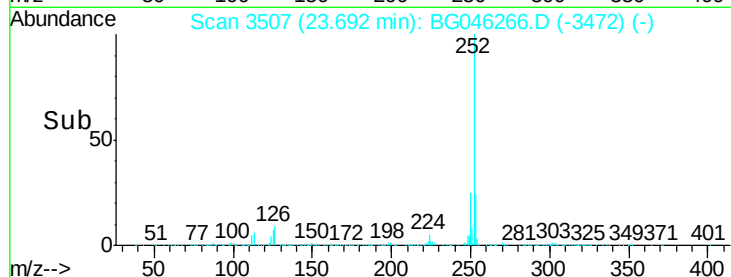
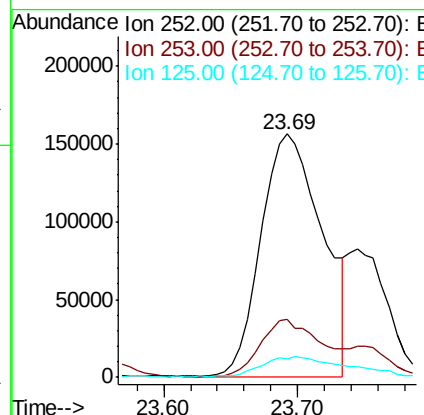
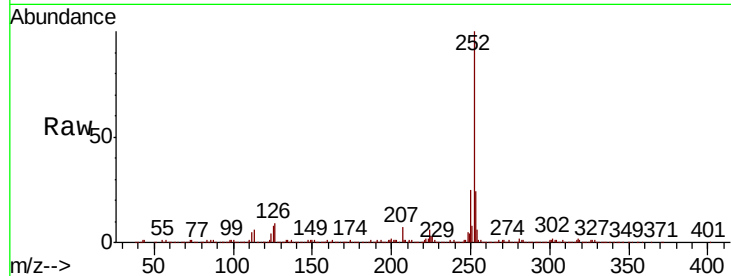
#24
Benzo(b)fluoranthene
Concen: 10.652 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Instrument :
BNA_G
ClientSampleId :
BFM63

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	7.7	6.4	9.6

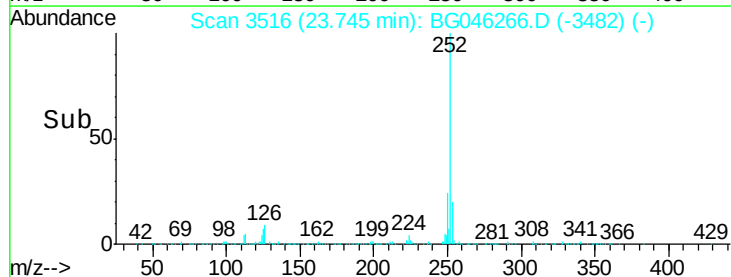
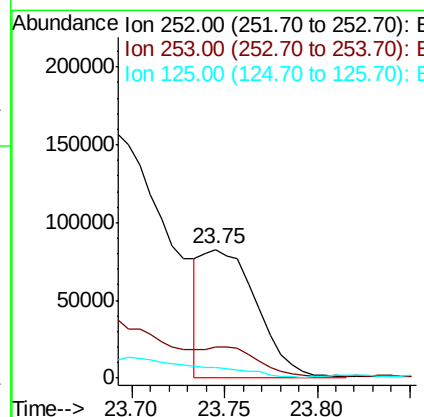
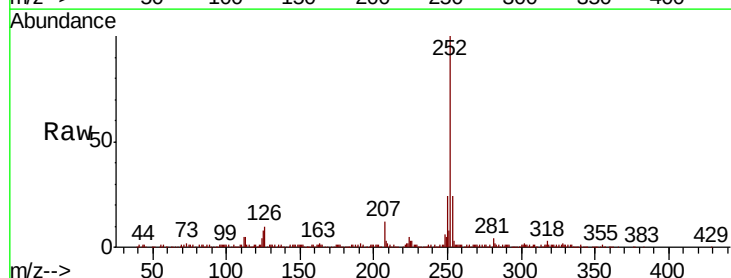
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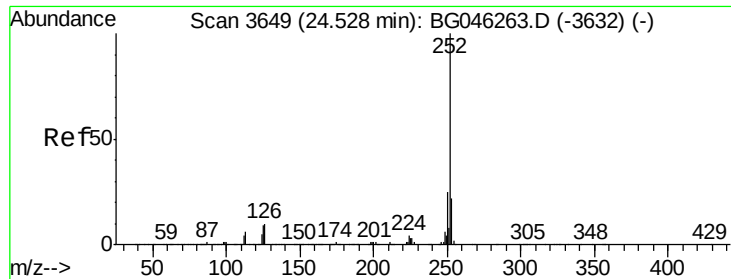
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#25
Benzo(k)fluoranthene
Concen: 3.691 ng/ul m
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	8.2	6.2	9.2





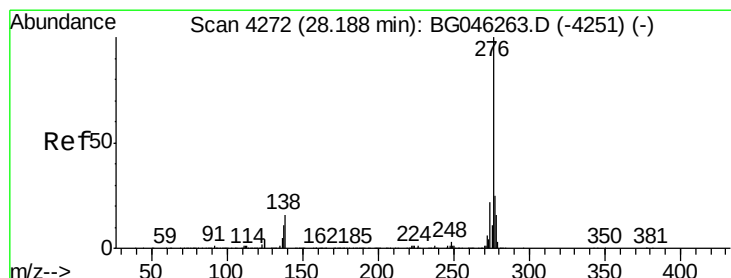
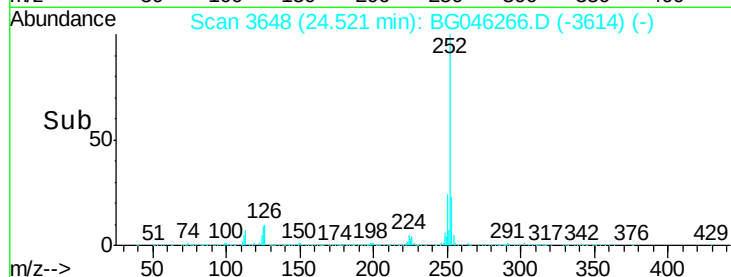
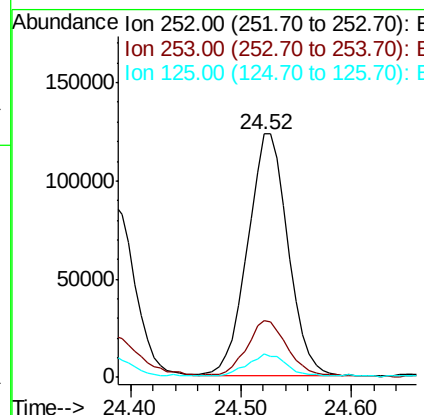
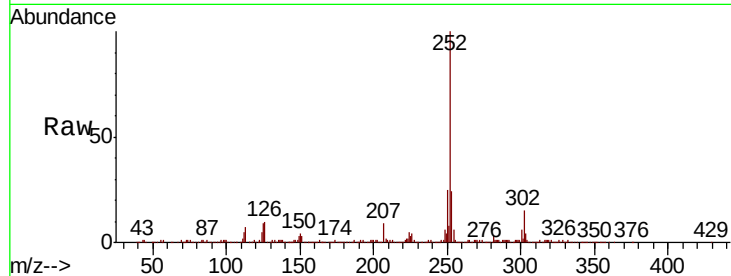
#27
Benzo(a)pyrene
Concen: 7.313 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Instrument :
BNA_G
ClientSampleId :
BFM63

Tot Ion	Ratio	Resp	Lower	Upper
252	100	314187		
253	23.6	17.8	26.8	
125	9.4	7.1	10.7	

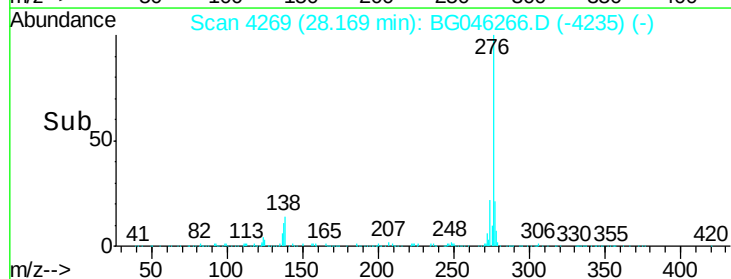
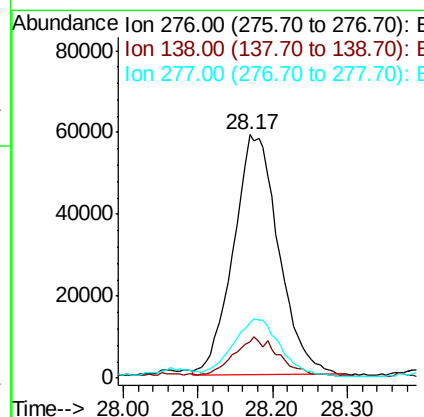
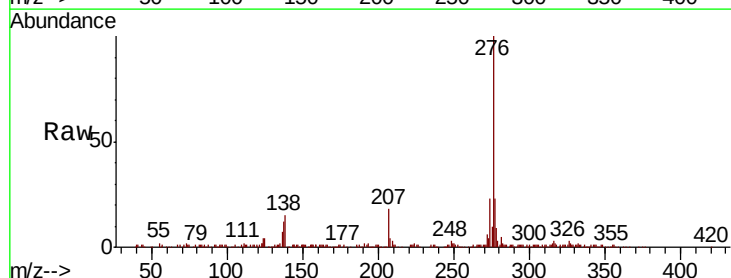
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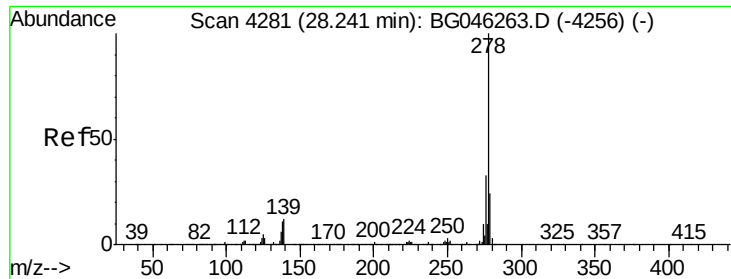
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#28
Indeno(1,2,3-cd)pyrene
Concen: 4.593 ng/ul
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	247099		
138	14.8	13.2	19.8	
277	22.8	19.9	29.9	





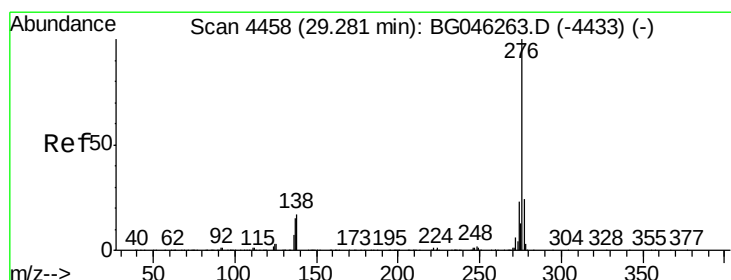
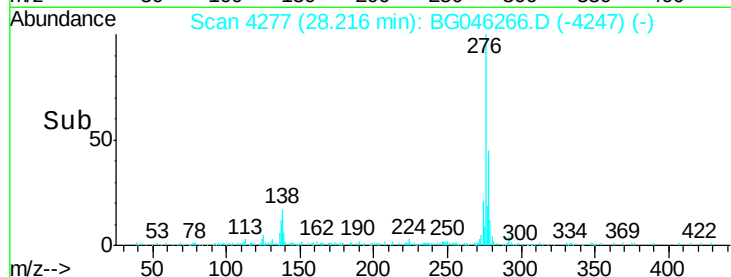
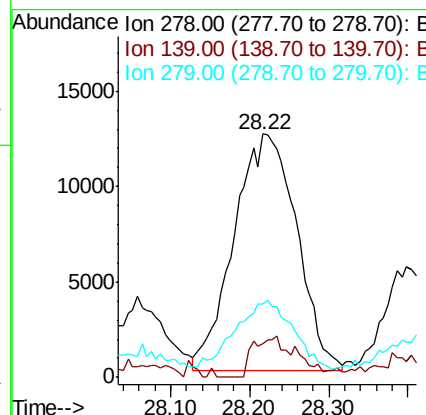
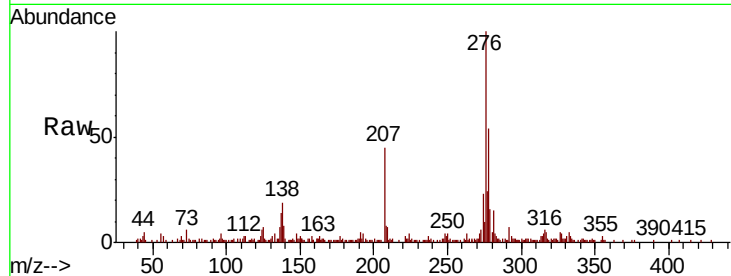
#29
Dibenzo(a,h)anthracene
Concen: 1.567 ng/ul m
RT: 28.22 min Scan# 4277
Delta R.T. -0.02 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Instrument :
BNA_G
ClientSampleId :
BFM63

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.8	14.8
279	30.1	19.7	29.5#

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#30
Benzo(g,h,i)perylene
Concen: 4.974 ng/ul
RT: 29.27 min Scan# 4456
Delta R.T. 0.00 min
Lab File: BG046266.D
Acq: 14 Aug 2020 3:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.9	19.3
277	23.8	19.4	29.0

