

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046269.D
 Acq On : 14 Aug 2020 5:07
 Operator : CG/JU
 Sample : L3629-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM54

Manual Integrations
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 8/14/2020 2:52:43 PM

Quant Time: Aug 14 13:10:38 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	109681	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	418629	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	260533	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	581970	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	572047	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	605120	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	149601	20.75	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	546614	22.80	ng/ul	0.00
10) Fluorene-d10	15.57	176	410588	22.35	ng/ul	0.00
15) Anthracene-d10	17.41	188	587309	21.77	ng/ul	0.00
19) Pyrene-d10	19.70	212	677157	23.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	720384	21.82	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.36	178	143813	4.492	ng/ul	98
17) Fluoranthene	19.36	202	373901	10.473	ng/ul	98
20) Pyrene	19.73	202	354298	9.435	ng/ul	98
21) Benzo(a)anthracene	21.54	228	211133	5.673	ng/ul	96
22) Chrysene	21.61	228	233461	6.489	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	332869	8.318	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	126965m	3.199	ng/ul	
27) Benzo(a)pyrene	24.52	252	219896	5.986	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	169956	3.695	ng/ul	98
29) Dibenzo(a,h)anthracene	28.23	278	46790m	1.255	ng/ul	
30) Benzo(g,h,i)perylene	29.26	276	155076m	4.028	ng/ul	

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

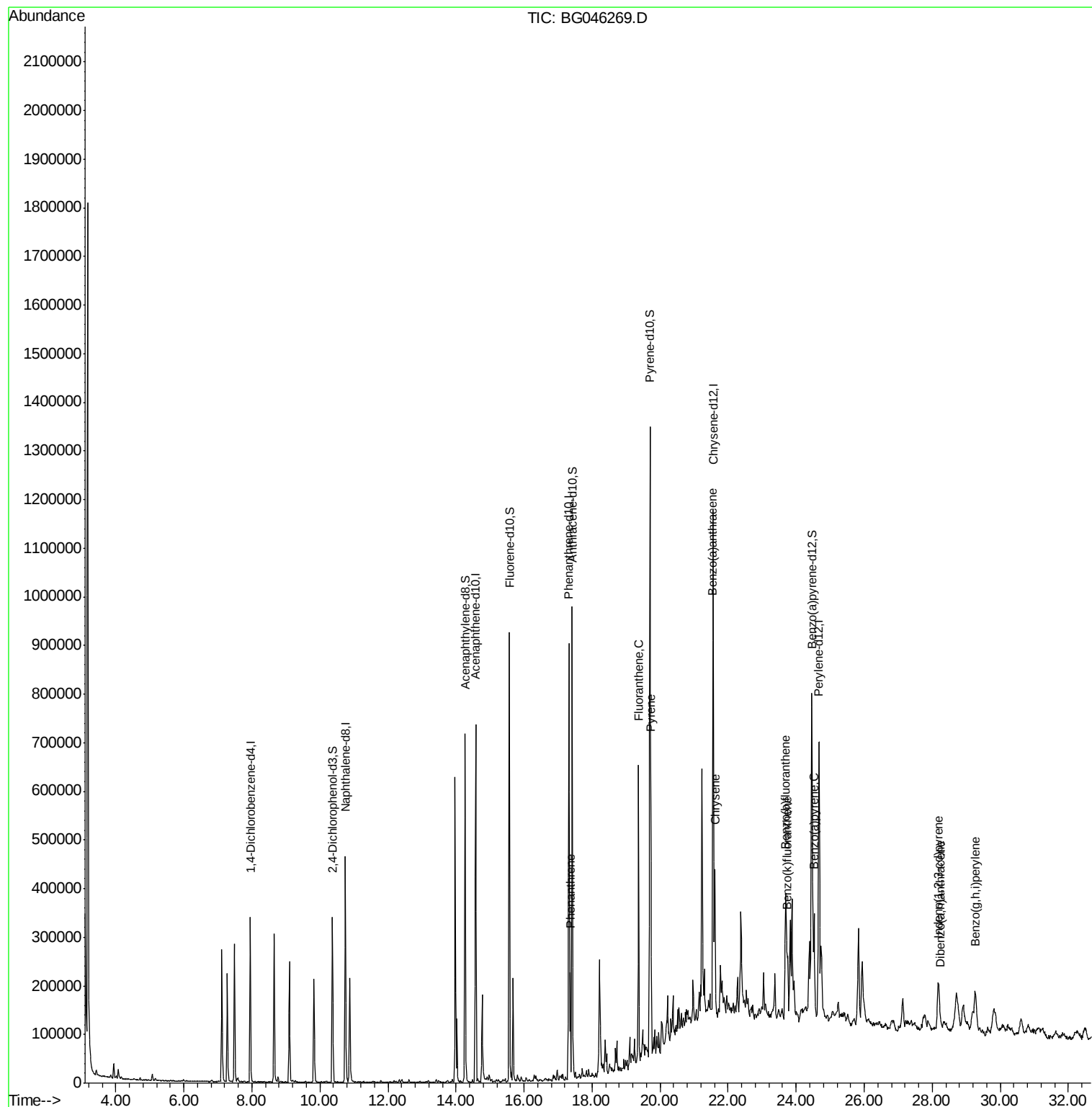
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046269.D
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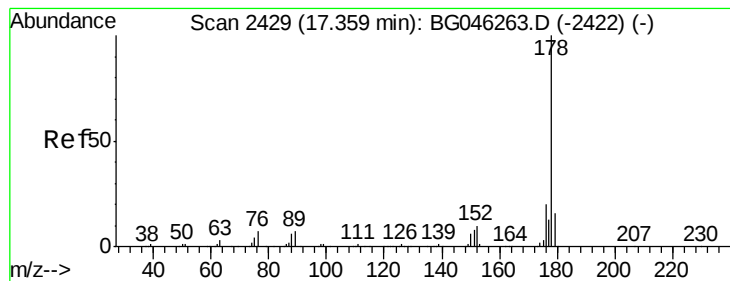
Instrument :
BNA_G
ClientSampleId :
BFM54

Quant Time: Aug 14 13:10:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#14

Phenanthrene

Concen: 4.492 ng/ul

RT: 17.36 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BG046269.D

Acq: 14 Aug 2020 5:07

Instrument :

BNA_G

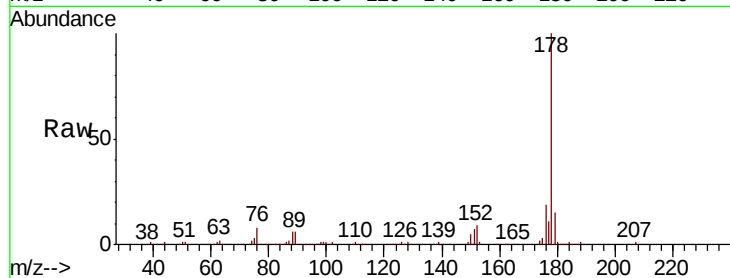
ClientSampled :

BFM54

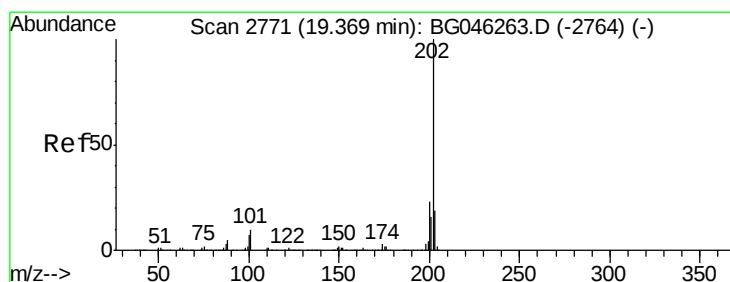
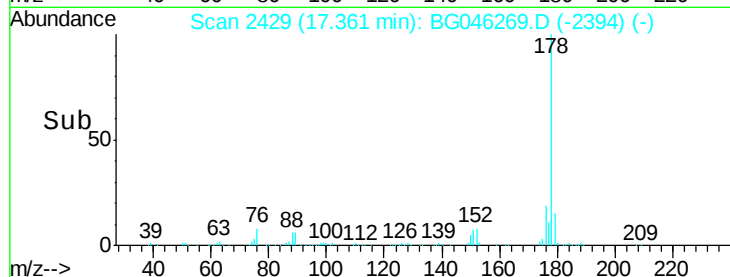
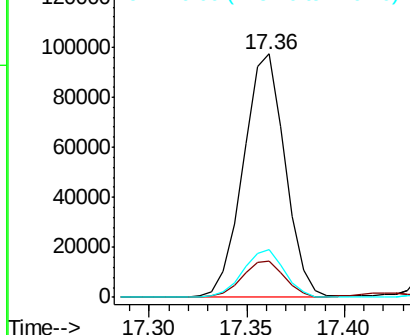
Tot Ion:	178	Resp:	143813
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.8	19.2
176	19.4	15.8	23.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 10.473 ng/ul

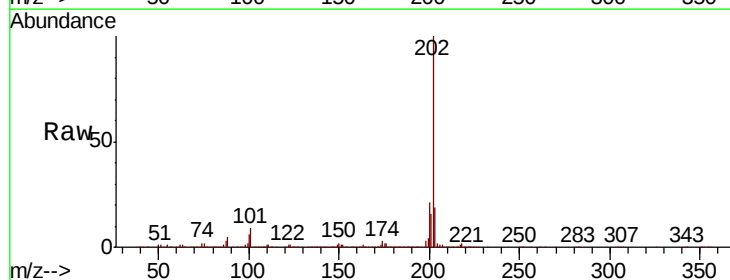
RT: 19.36 min Scan# 2770

Delta R.T. -0.00 min

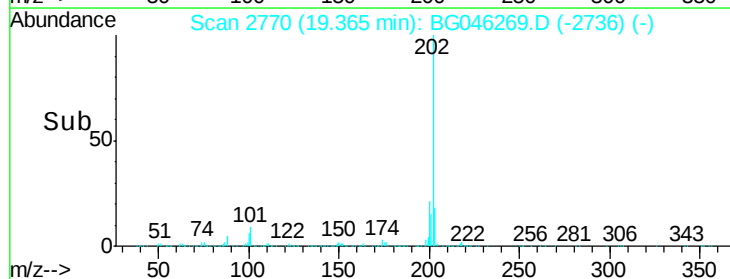
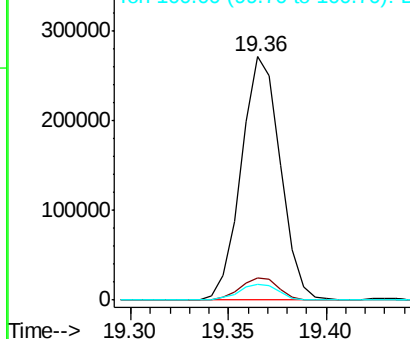
Lab File: BG046269.D

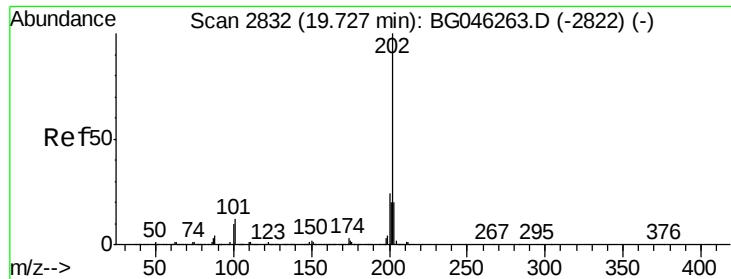
Acq: 14 Aug 2020 5:07

Tgt Ion:	202	Resp:	373901
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.8	11.6
100	6.4	5.9	8.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





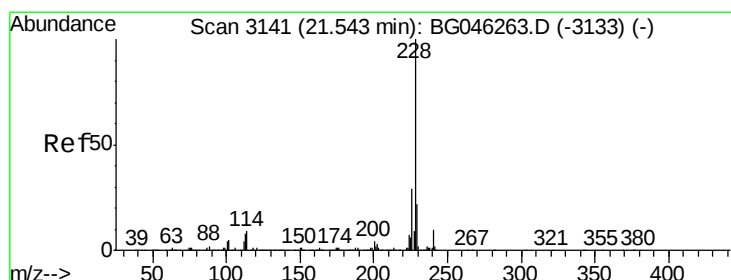
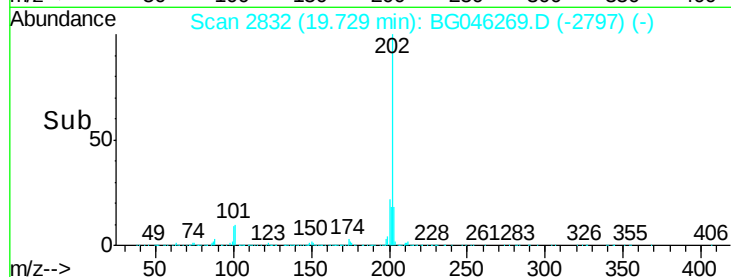
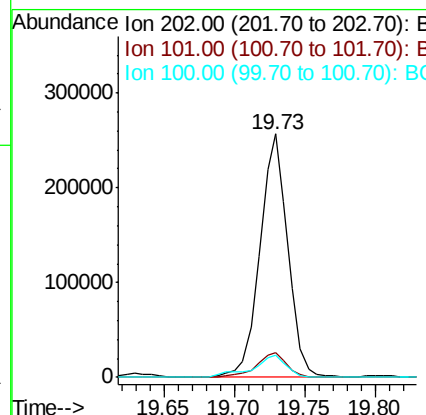
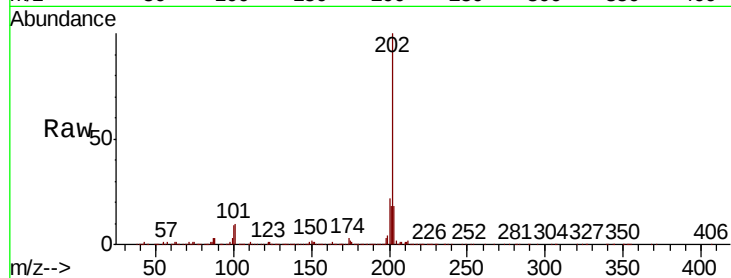
#20
Pvrene
Concen: 9.435 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046269.D
Acq: 14 Aug 2020 5:07

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.4	8.9	13.3	
100	9.3	7.9	11.9	

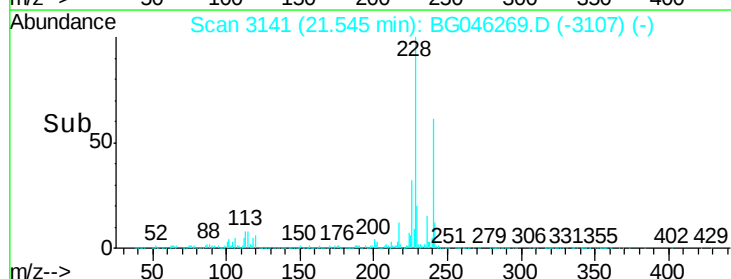
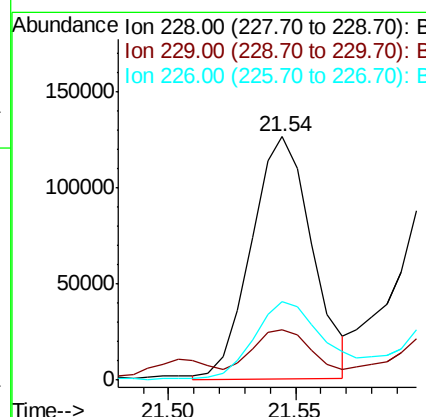
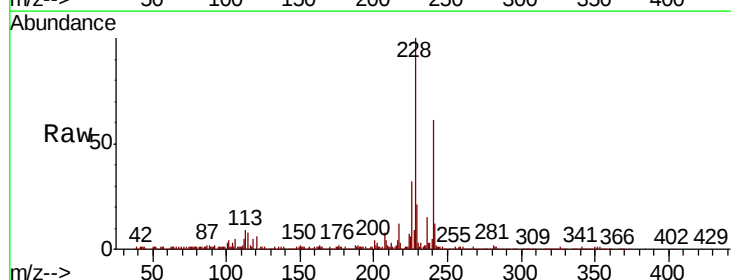
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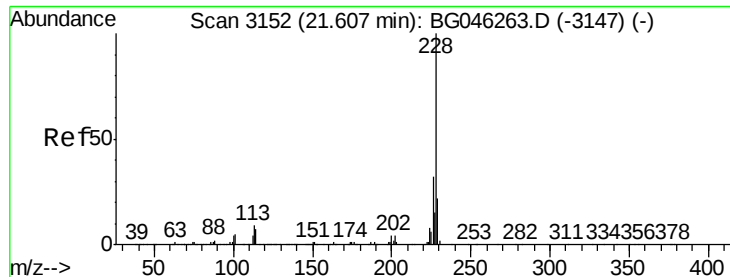
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#21
Benzo(a)anthracene
Concen: 5.673 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046269.D
Acq: 14 Aug 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	20.8	16.6	25.0	
226	32.2	22.6	33.8	





#22

Chrysene

Concen: 6.489 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG046269.D

Acq: 14 Aug 2020 5:07

Instrument :

BNA_G

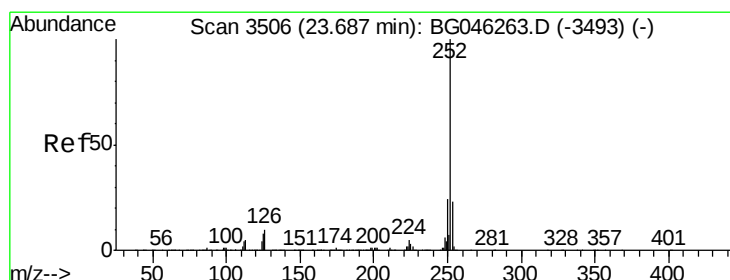
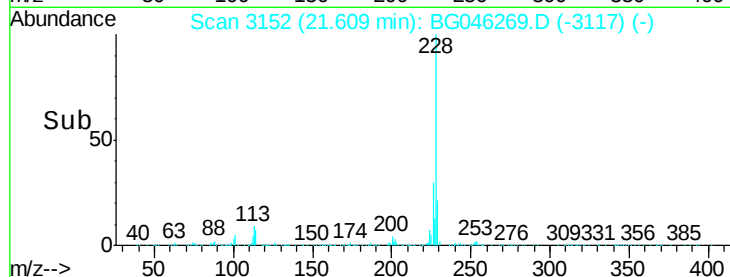
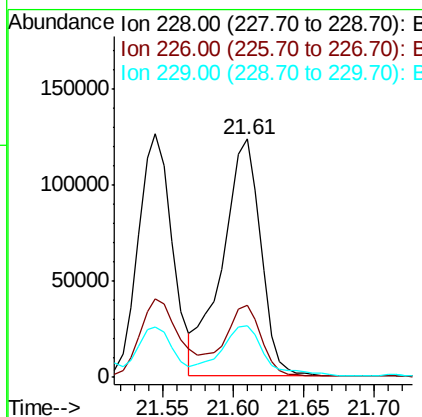
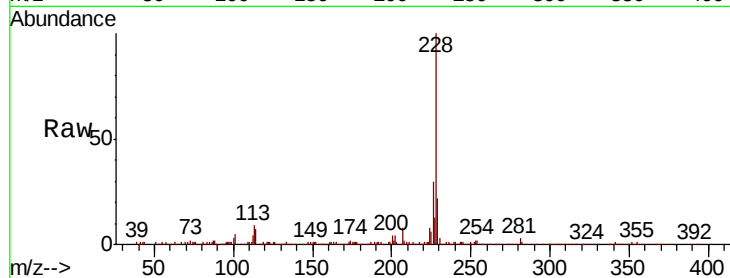
ClientSampled :

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Tot Ion:	228	Resp:	233461
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.5	38.3
229	21.7	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 8.318 ng/ul

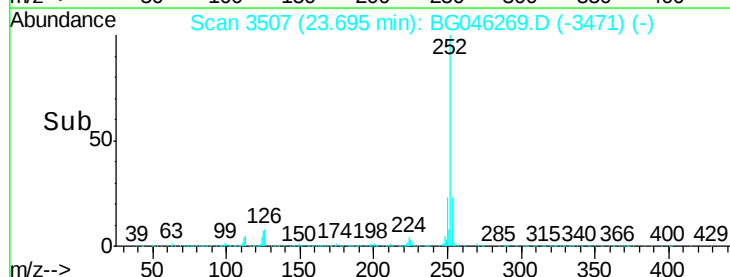
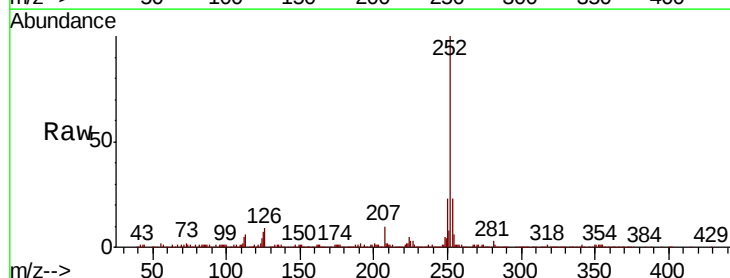
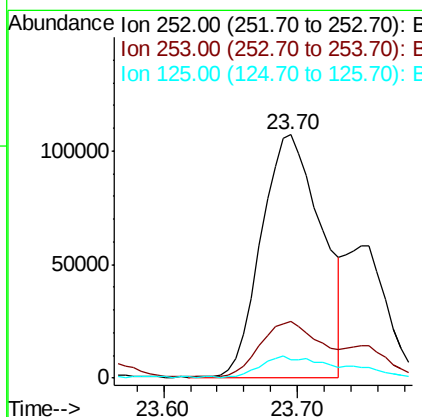
RT: 23.70 min Scan# 3507

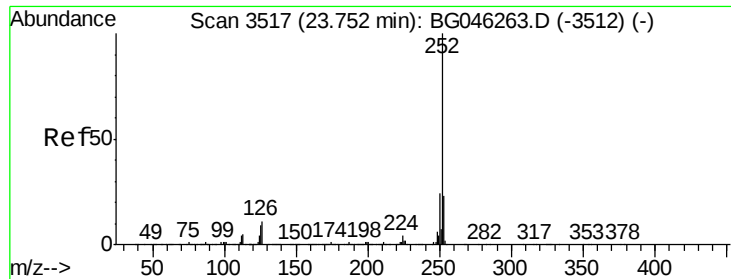
Delta R.T. 0.01 min

Lab File: BG046269.D

Acq: 14 Aug 2020 5:07

Tgt Ion:	252	Resp:	332869
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	7.5	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 3.199 ng/ul

RT: 23.75 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BG046269.D

Acq: 14 Aug 2020 5:07

Instrument :

BNA_G

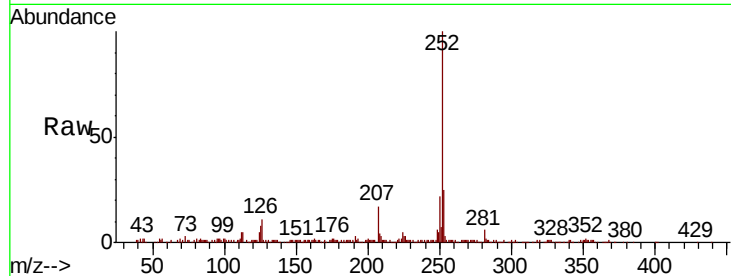
ClientSampled :

BFM54

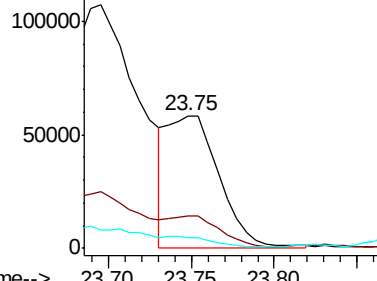
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	8.1	6.2	9.2

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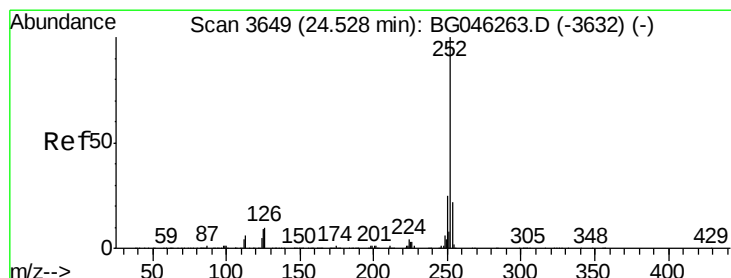
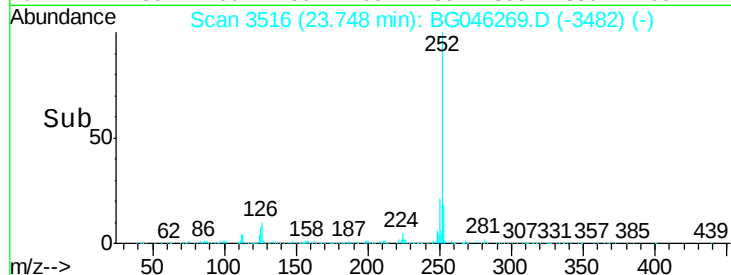
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#27

Benzo(a)pyrene

Concen: 5.986 ng/ul

RT: 24.52 min Scan# 3648

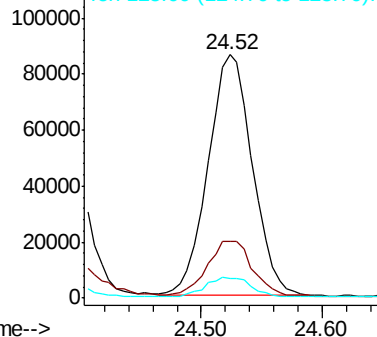
Delta R.T. -0.00 min

Lab File: BG046269.D

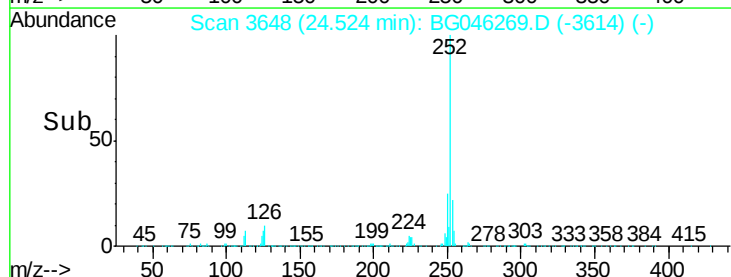
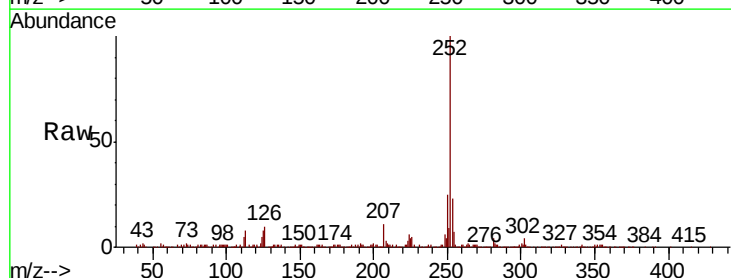
Acq: 14 Aug 2020 5:07

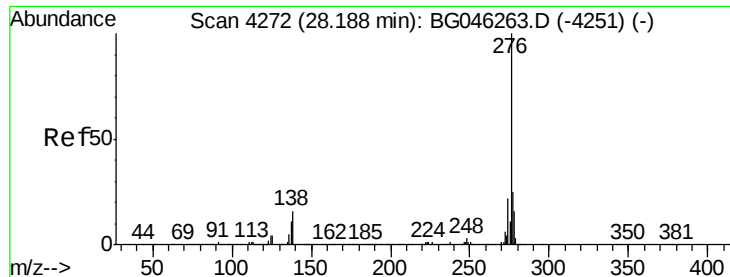
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.1	7.1	10.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





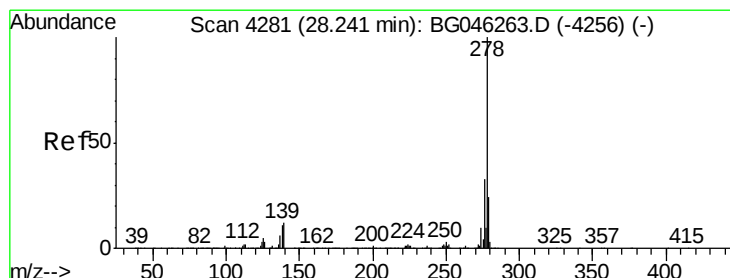
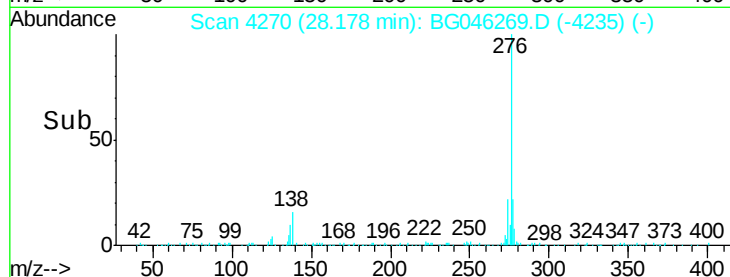
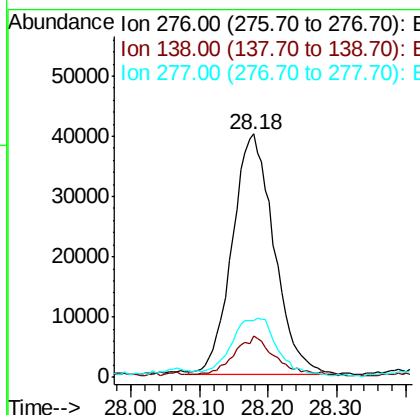
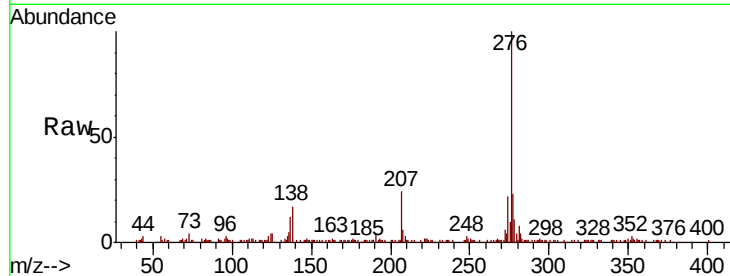
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.695 ng/ul
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.01 min
 Lab File: BG046269.D
 Acq: 14 Aug 2020 5:07

Instrument :
 BNA_G
 ClientSampled :
 BFM54

Tot Ion	Ratio	Resp	Lower	Upper
276	100	169956		
138	16.8		13.2	19.8
277	23.2		19.9	29.9

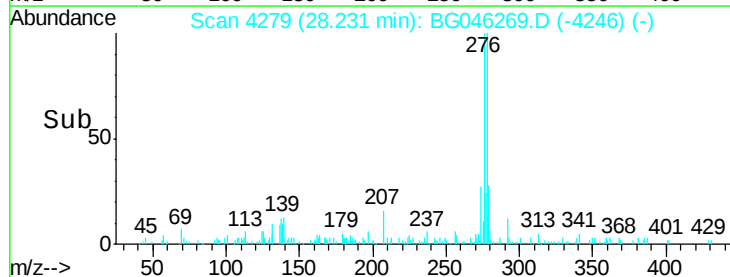
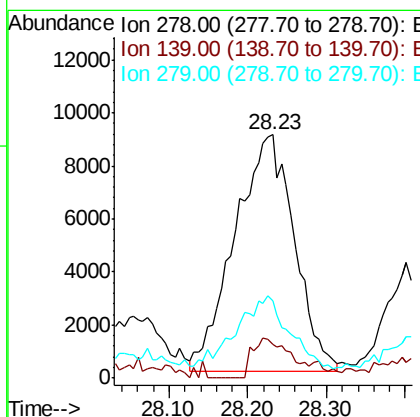
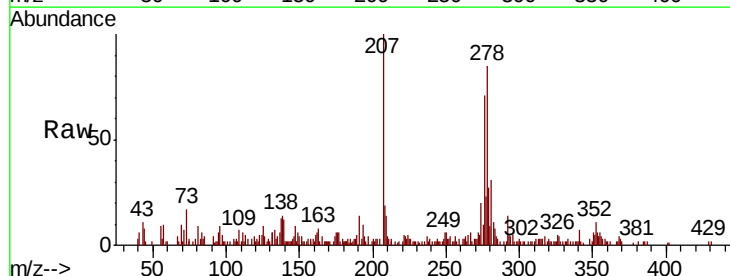
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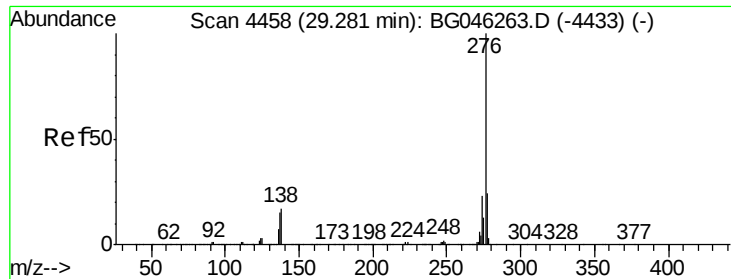
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.255 ng/ul m
 RT: 28.23 min Scan# 4279
 Delta R.T. -0.01 min
 Lab File: BG046269.D
 Acq: 14 Aug 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	46790		
139	13.6		9.8	14.8
279	31.9		19.7	29.5#





#30

Benzo(a,h,i)perylene

Concen: 4.028 ng/ul m

RT: 29.26 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG046269.D

Acq: 14 Aug 2020 5:07

Instrument :

BNA_G

ClientSampleId :

BFM54

Tot Ion:	276	Resp:	155076
Ion Ratio	Lower	Upper	
276	100		
138	17.6	12.9	19.3
277	23.4	19.4	29.0

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