

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046384.D
 Acq On : 20 Aug 2020 18:35
 Operator : CG/JU
 Sample : L3634-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMG0

Manual Integrations
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Quant Time: Aug 21 00:54:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 00:37:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	84758	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	353874	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	242802	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	550024	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	548630	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	580739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.35	165	133203	21.86	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	512854	22.95	ng/ul	0.00
10) Fluorene-d10	15.56	176	395795	23.12	ng/ul	0.00
15) Anthracene-d10	17.41	188	556527	21.83	ng/ul	0.00
19) Pyrene-d10	19.70	212	665639	23.57	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	740597	23.37	ng/ul	0.00
Target Compounds				Qvalue		
11) Fluorene	15.61	166	20371	1.074	ng/ul#	92
14) Phenanthrene	17.35	178	571896	18.900	ng/ul	99
16) Anthracene	17.44	178	55656	1.823	ng/ul	99
17) Fluoranthene	19.36	202	914438	27.102	ng/ul	100
20) Pyrene	19.73	202	827027	22.965	ng/ul	97
21) Benzo(a)anthracene	21.54	228	382323	10.711	ng/ul	99
22) Chrysene	21.60	228	480941	13.937	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	613265	15.969	ng/ul	96
25) Benzo(k)fluoranthene	23.74	252	216191m	5.675	ng/ul	
27) Benzo(a)pyrene	24.52	252	380345	10.788	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	286202	6.483	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	71311	1.992	ng/ul	93
30) Benzo(a,h,i)perylene	29.26	276	132678	3.591	ng/ul	98

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

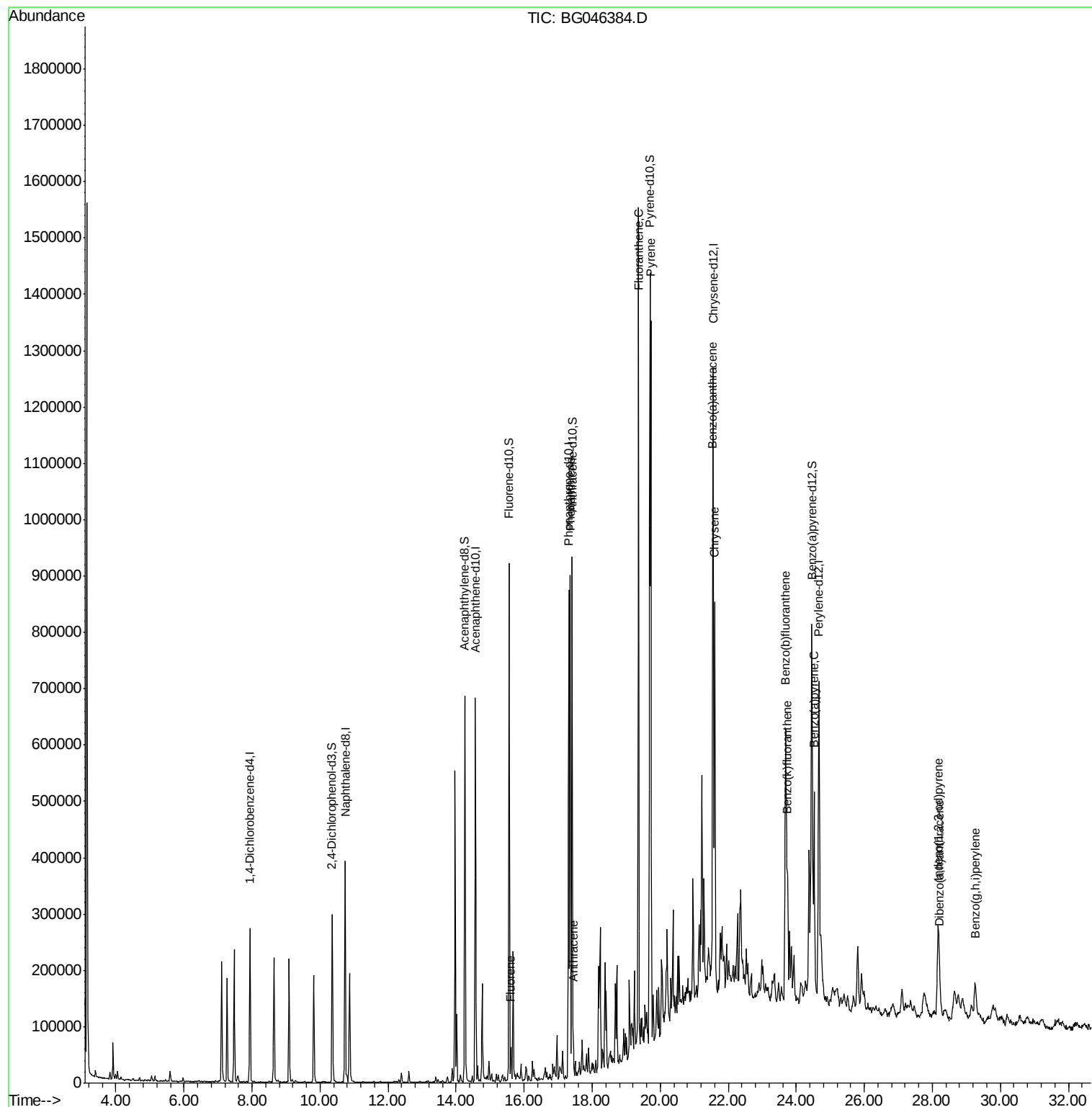
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046384.D
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ALS Vial : 48 Sample Multiplier: 1

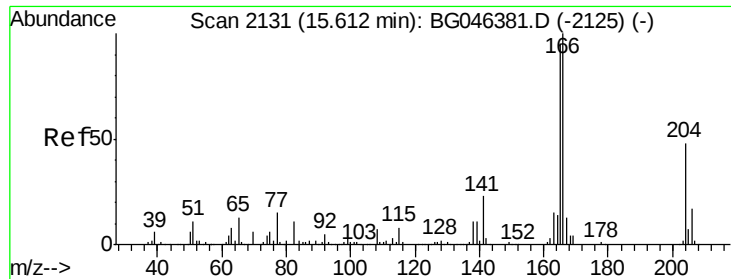
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 21 00:54:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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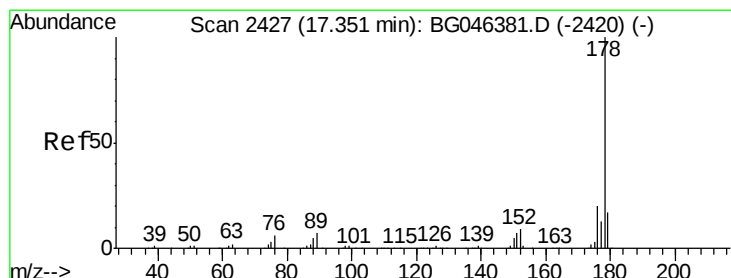
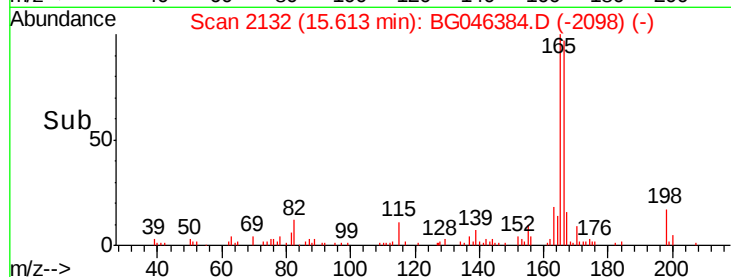
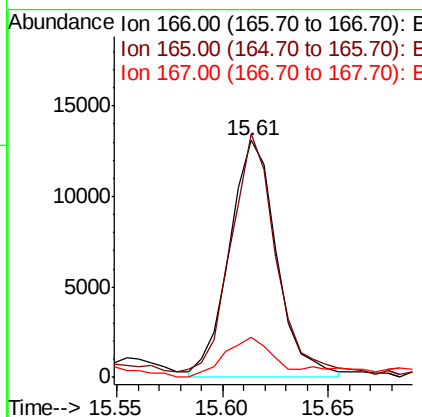
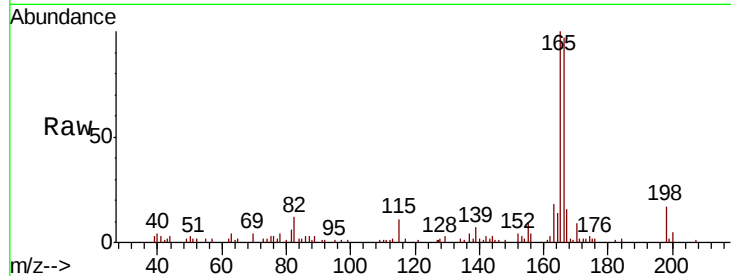
#11
 Fluorene
 Concen: 1.074 ng/ul
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046384.D
 Acq: 20 Aug 2020 18:35

Instrument :
 BNA_G
 ClientSampleId :
 BFMG0

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.9	75.9	113.9
167	16.8	10.7	16.1#

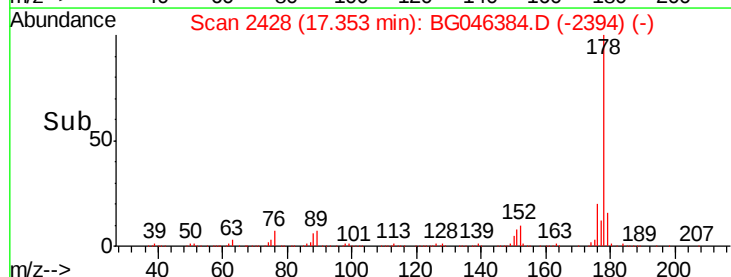
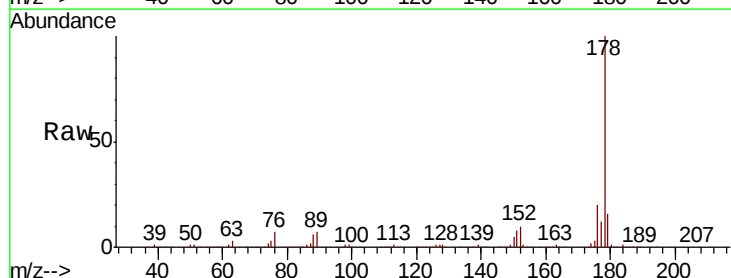
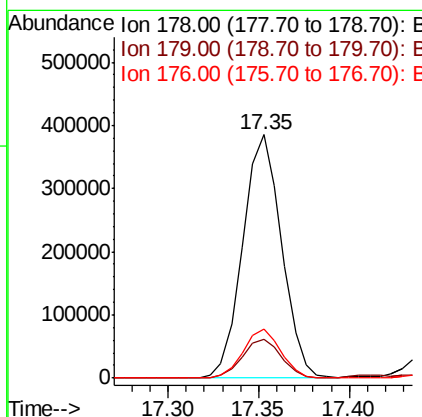
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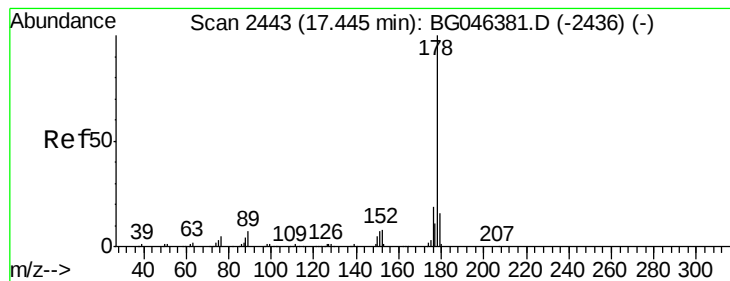
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#14
 Phenanthrene
 Concen: 18.900 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG046384.D
 Acq: 20 Aug 2020 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.2	15.8	23.8





#16

Anthracene

Concen: 1.823 ng/ul

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

Instrument :

BNA_G

ClientSampleId :

BFMG0

Tot Ion:178 Resp: 55656

Ion Ratio Lower Upper

178 100

179 16.5 13.2 19.8

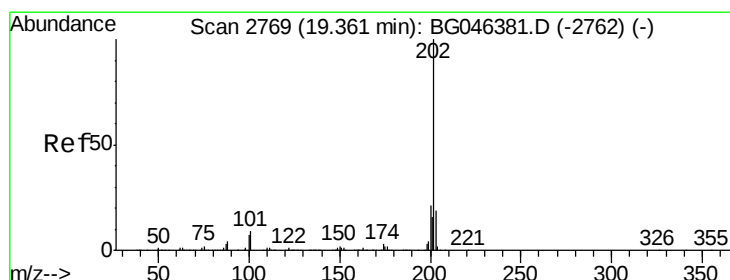
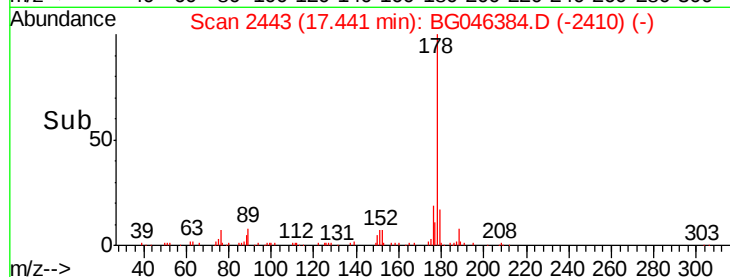
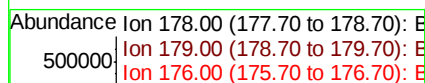
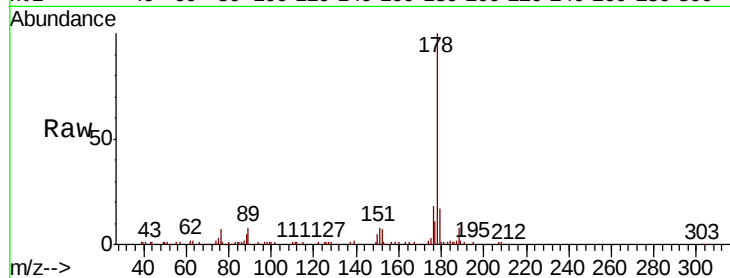
176 18.4 15.2 22.8

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#17

Fluoranthene

Concen: 27.102 ng/ul

RT: 19.36 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

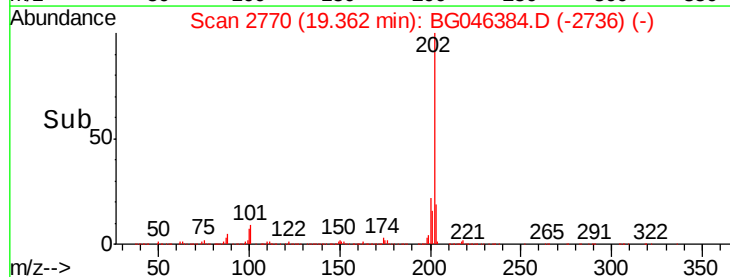
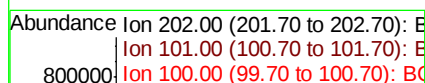
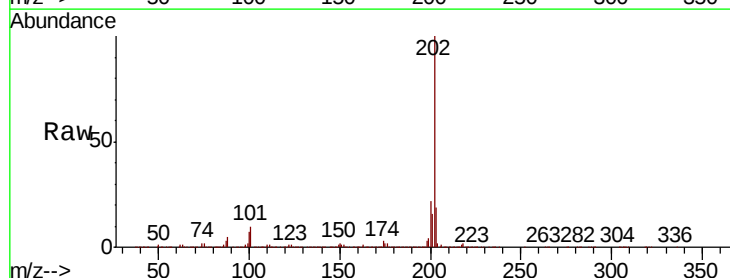
Tgt Ion:202 Resp: 914438

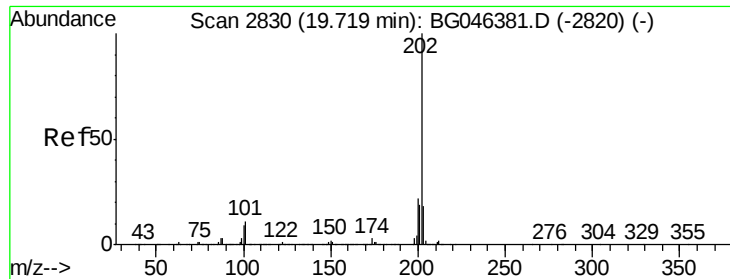
Ion Ratio Lower Upper

202 100

101 9.6 7.8 11.6

100 7.5 5.9 8.9





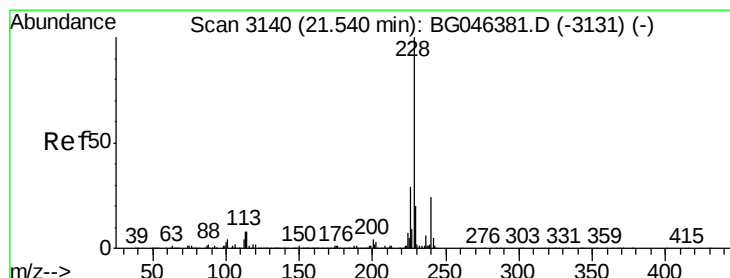
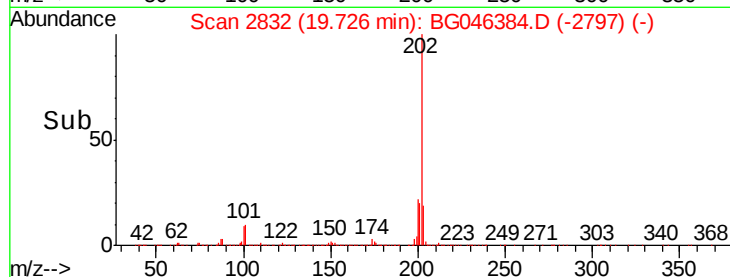
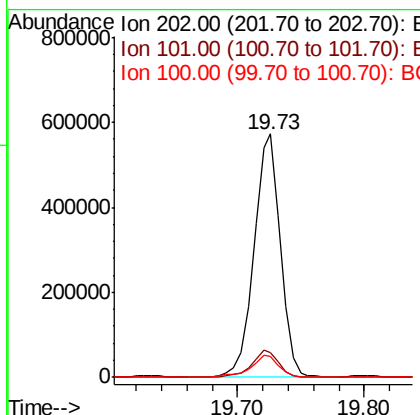
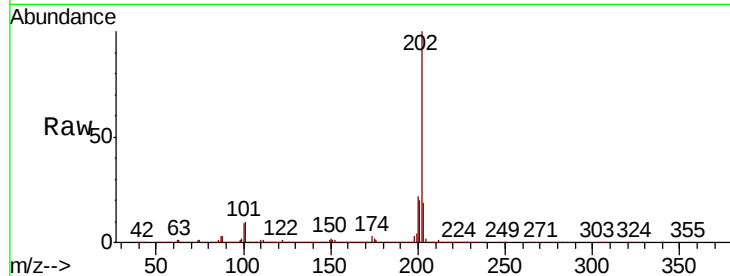
#20
Pvrene
Concen: 22.965 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046384.D
Acq: 20 Aug 2020 18:35

Instrument :
BNA_G
ClientSampleId :
BFMG0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.4	8.9	13.3		
100	8.5	7.9	11.9		

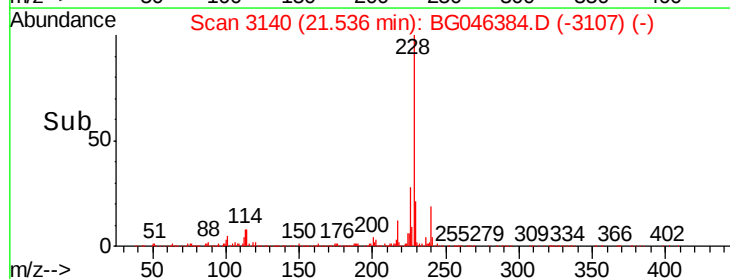
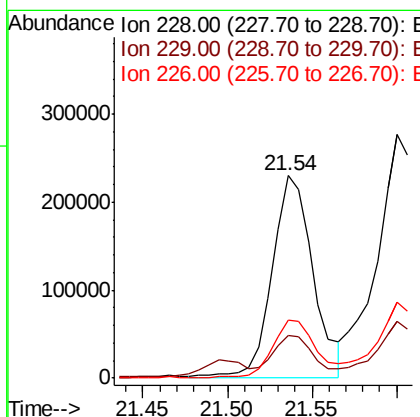
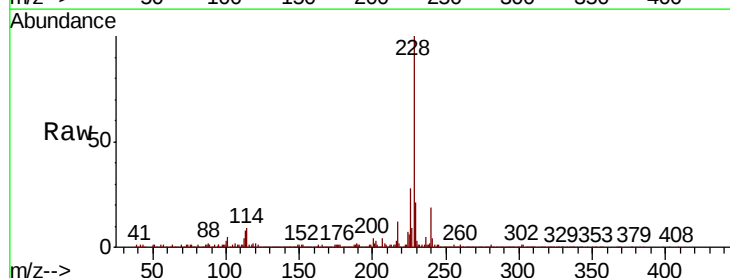
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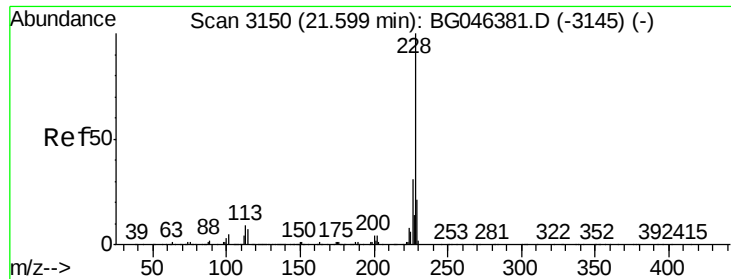
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#21
Benzo(a)anthracene
Concen: 10.711 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046384.D
Acq: 20 Aug 2020 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	21.2	16.6	25.0		
226	28.4	22.6	33.8		





#22

Chrysene

Concen: 13.937 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

Instrument :

BNA_G

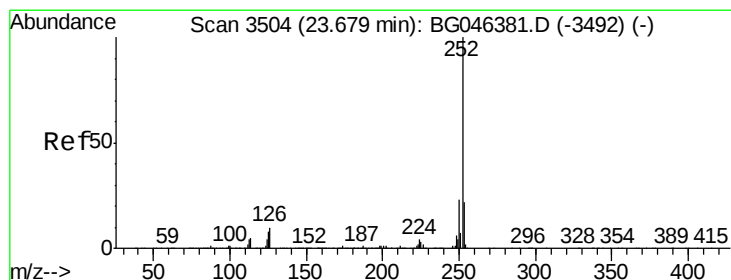
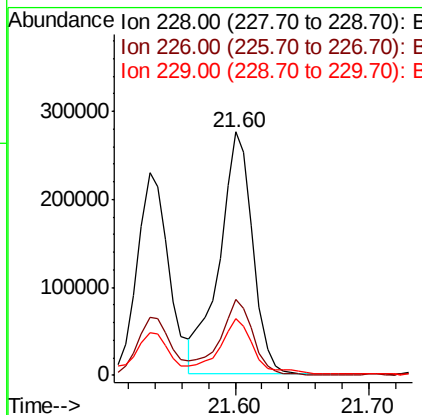
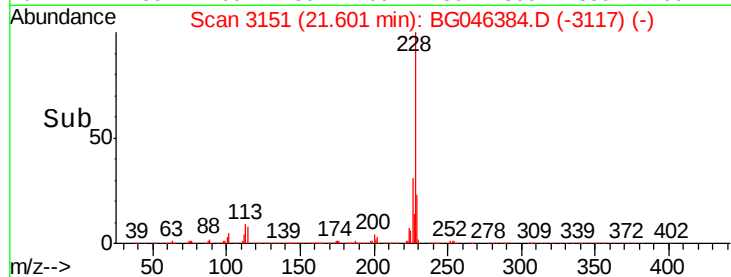
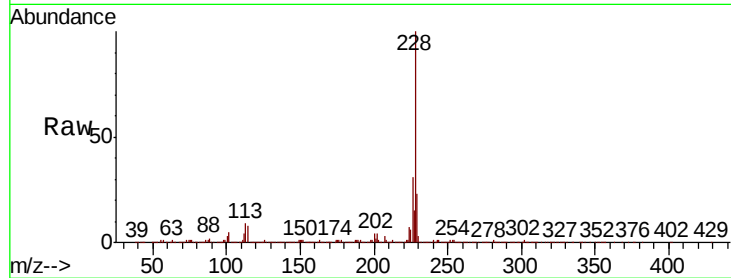
ClientSampleId :

BFMG0

Tot Ion:	228	Resp:	480941
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	23.1	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 15.969 ng/ul

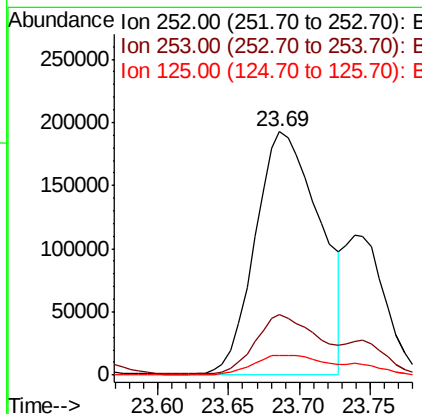
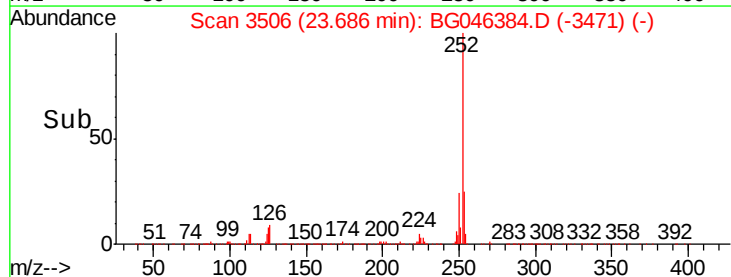
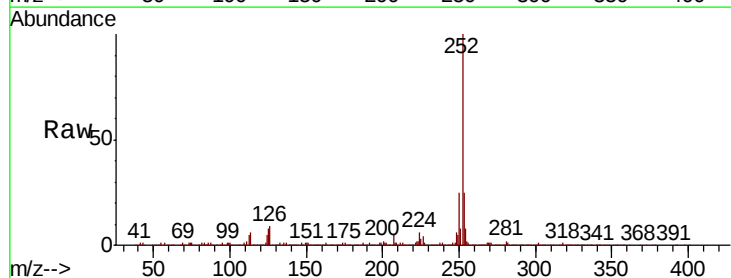
RT: 23.69 min Scan# 3506

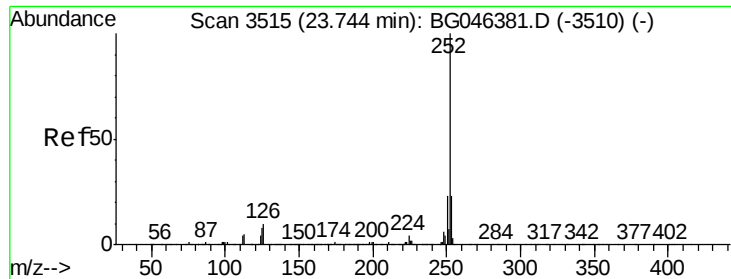
Delta R.T. 0.01 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

Tgt Ion:	252	Resp:	613265
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.6
125	8.1	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 5.675 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.00 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

Instrument :

BNA_G

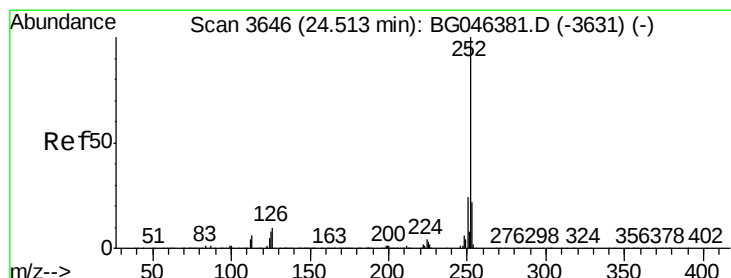
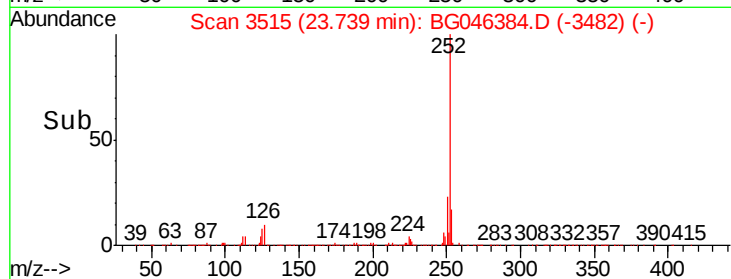
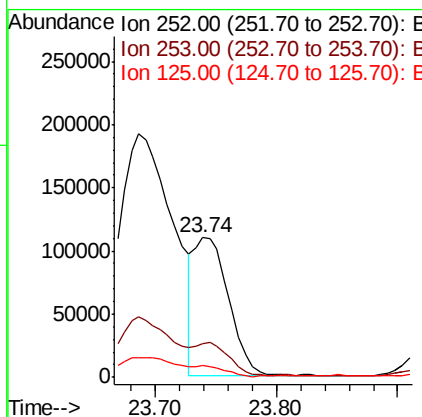
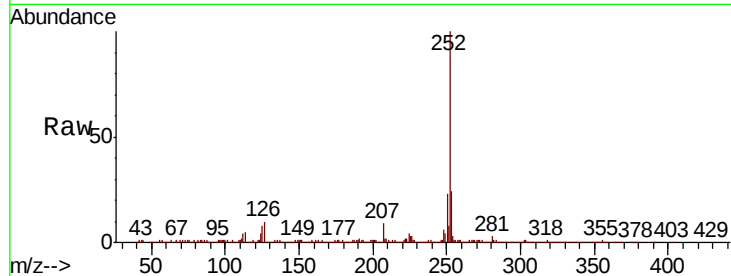
ClientSampled :

BFMG0

Tot Ion:	252	Resp:	216191
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.5	27.7
125	8.4	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 10.788 ng/ul

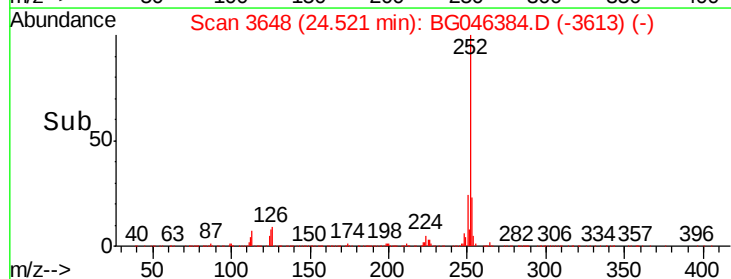
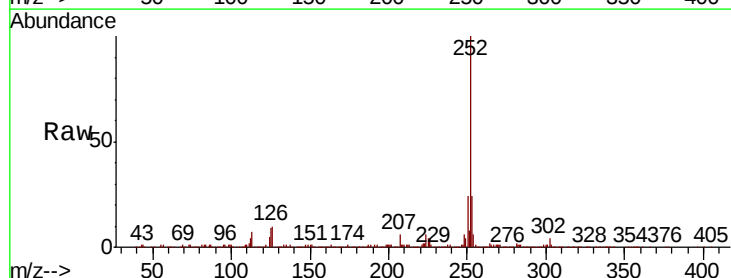
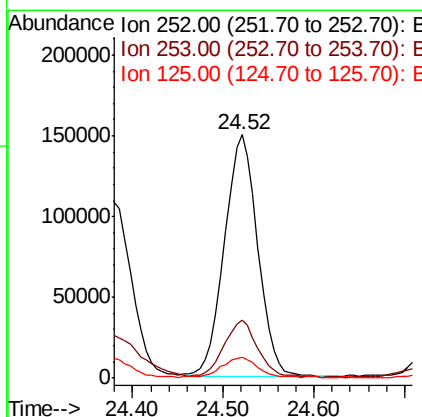
RT: 24.52 min Scan# 3648

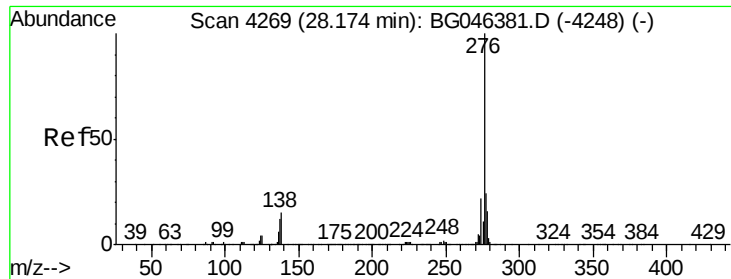
Delta R.T. 0.01 min

Lab File: BG046384.D

Acq: 20 Aug 2020 18:35

Tgt Ion:	252	Resp:	380345
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	8.6	7.1	10.7





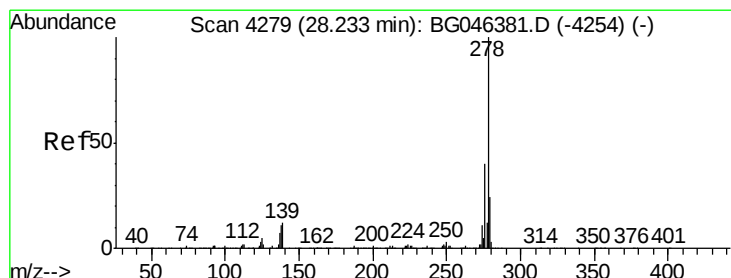
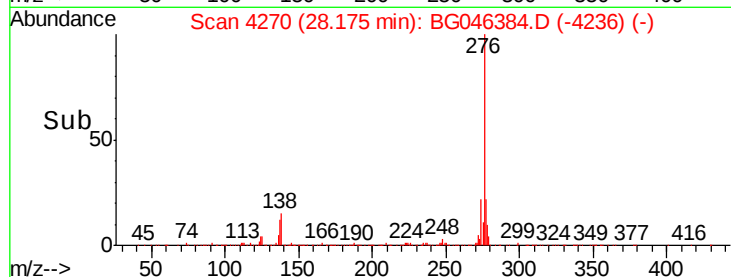
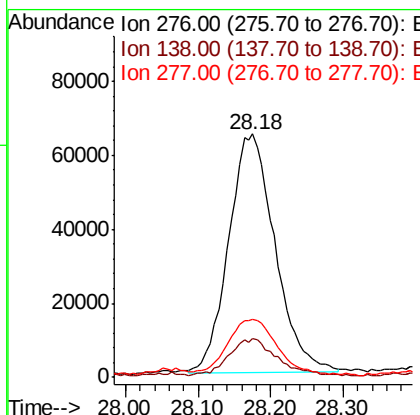
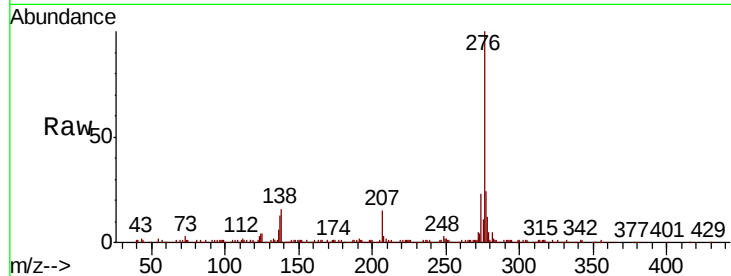
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 6.483 ng/ul
 RT: 28.18 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: BG046384.D
 Acq: 20 Aug 2020 18:35

Instrument :
 BNA_G
 ClientSampleId :
 BFMG0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	23.9	19.9	29.9

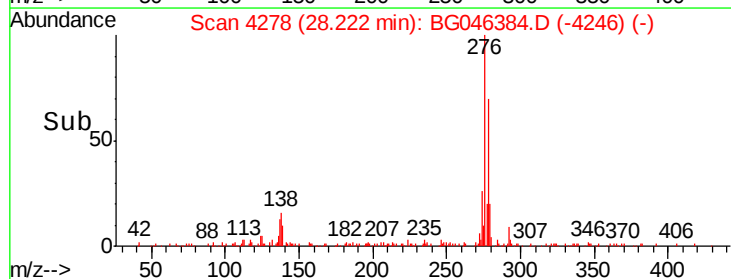
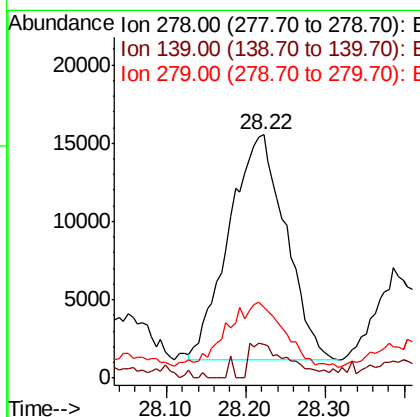
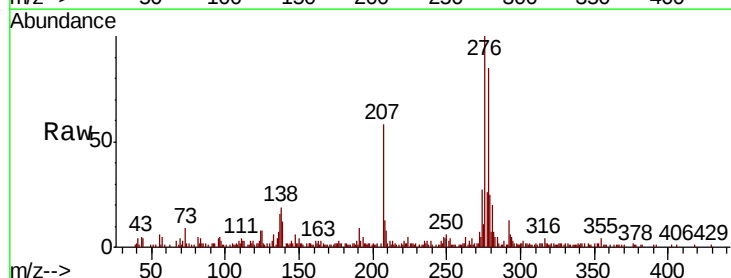
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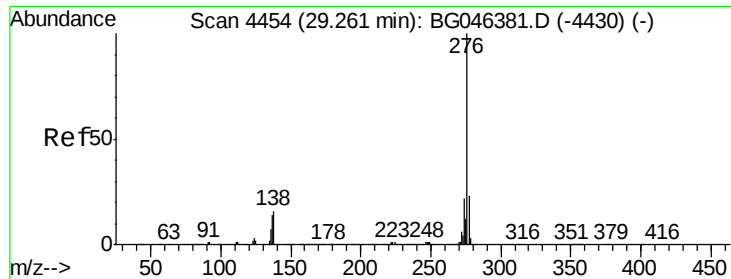
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.992 ng/ul
 RT: 28.22 min Scan# 4278
 Delta R.T. -0.01 min
 Lab File: BG046384.D
 Acq: 20 Aug 2020 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.8	14.8
279	28.9	19.7	29.5





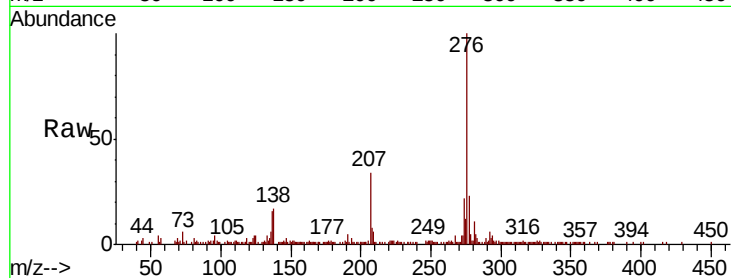
#30
 Benzo(a,h,i)perylene
 Concen: 3.591 ng/ul
 RT: 29.26 min Scan# 4454
 Delta R.T. -0.00 min
 Lab File: BG046384.D
 Acq: 20 Aug 2020 18:35

Instrument :
 BNA_G
 ClientSampleId :
 BFMG0

Tot Ion:	276	Resp:	132678
Ion Ratio	Lower	Upper	
276	100		
138	16.8	12.9	19.3
277	23.2	19.4	29.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

