

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

Manual Integrations
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Quant Time: Aug 21 08:56:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77629	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	304366	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	196012	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	466327	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	482522	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	524033	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	74978	14.31	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	324957	18.01	ng/ul	0.00
10) Fluorene-d10	15.56	176	257501	18.63	ng/ul	0.00
15) Anthracene-d10	17.41	188	401258	18.56	ng/ul	0.00
19) Pyrene-d10	19.70	212	493922	19.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	529724	18.52	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.35	178	192360	7.498	ng/ul	99
17) Fluoranthene	19.36	202	436605	15.263	ng/ul	99
20) Pyrene	19.72	202	396507	12.519	ng/ul	98
21) Benzo(a)anthracene	21.54	228	196987	6.275	ng/ul	97
22) Chrysene	21.60	228	228951	7.544	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	310191	8.951	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	92650m	2.695	ng/ul	
27) Benzo(a)pyrene	24.52	252	185790	5.840	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	127934m	3.212	ng/ul	
29) Dibenzo(a,h)anthracene	28.21	278	33018m	1.022	ng/ul	
30) Benzo(g,h,i)perylene	29.27	276	105084	3.152	ng/ul	99

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

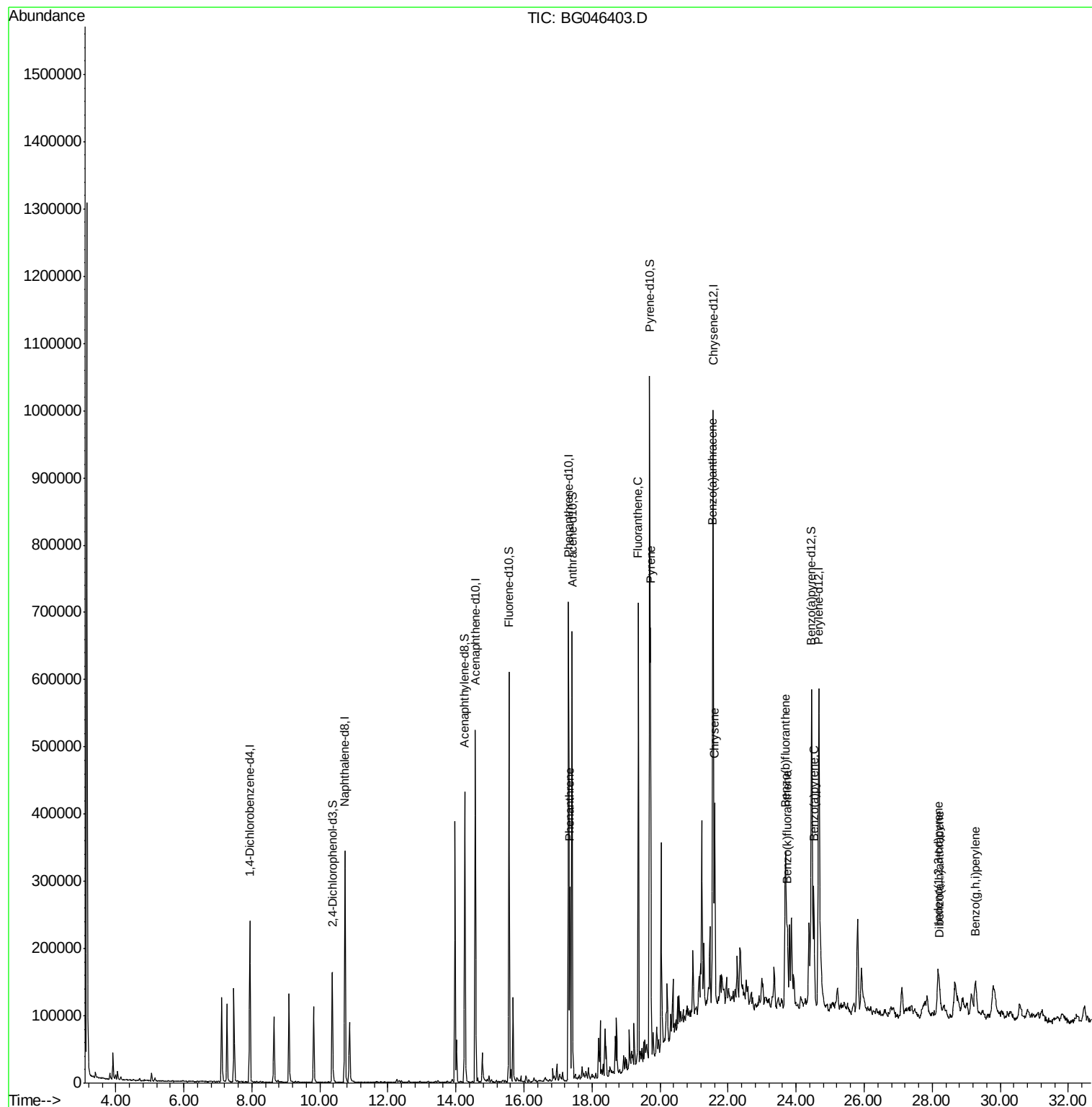
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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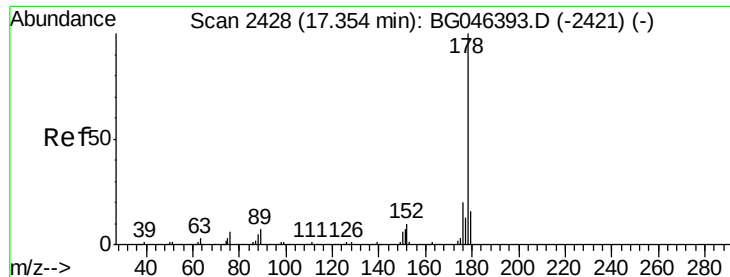
Instrument :
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BFMH2

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Quant Time: Aug 21 08:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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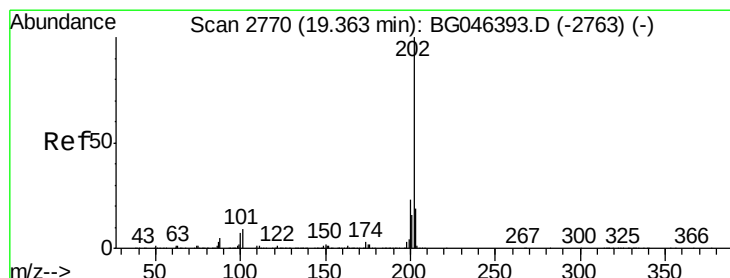
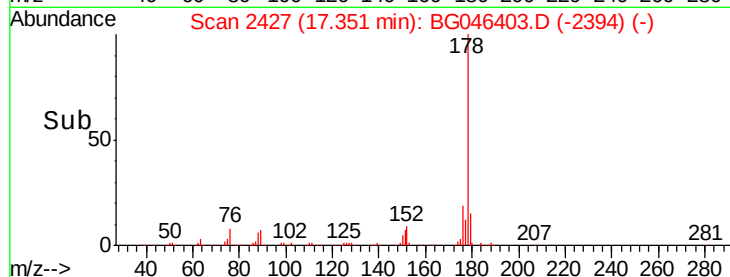
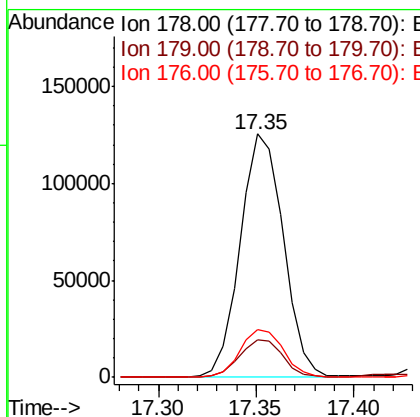
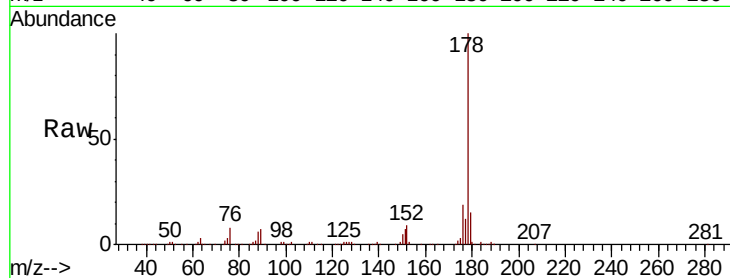
#14
Phenanthrene
Concen: 7.498 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

Instrument :
BNA_G
ClientSampleId :
BFMH2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.4	15.8	23.8

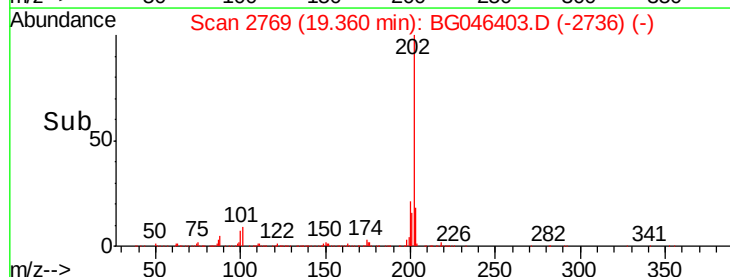
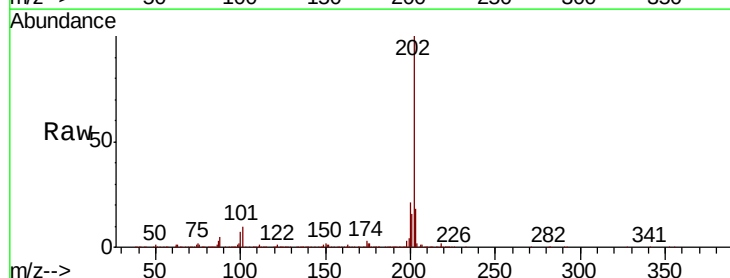
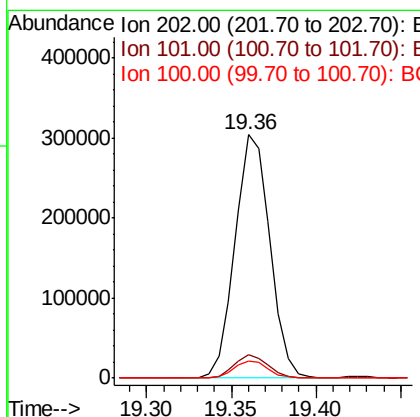
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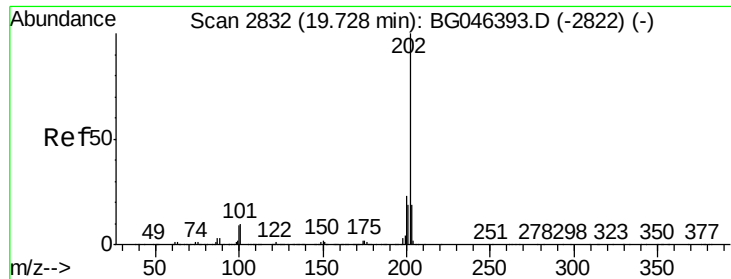
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#17
Fluoranthene
Concen: 15.263 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.6
100	6.9	5.9	8.9





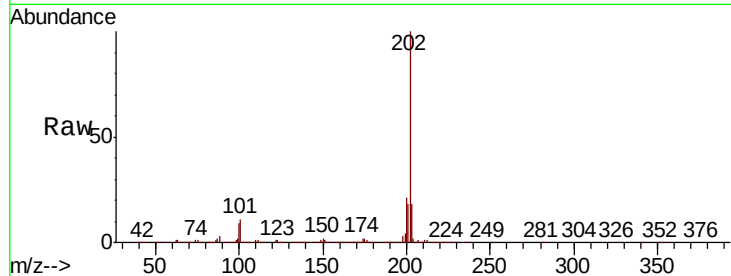
#20
Pvrene
Concen: 12.519 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

Instrument :
BNA_G
ClientSampleId :
BFMH2

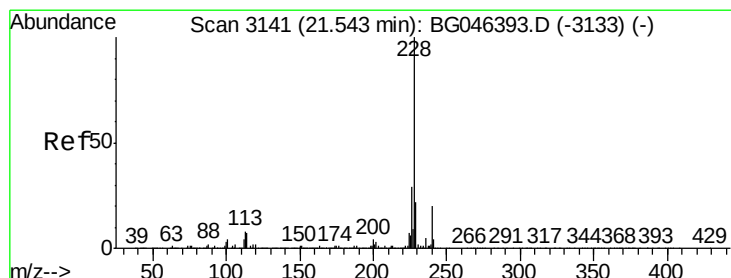
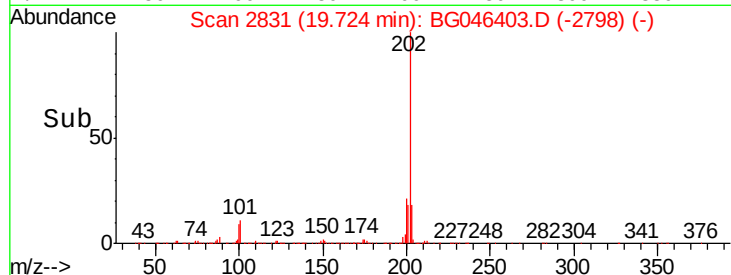
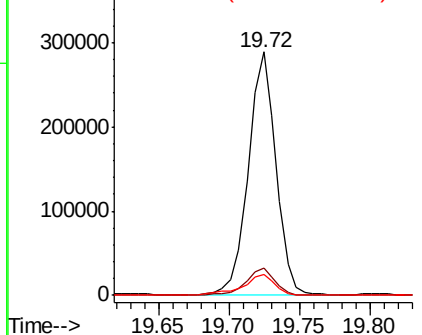
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.7	7.9	11.9

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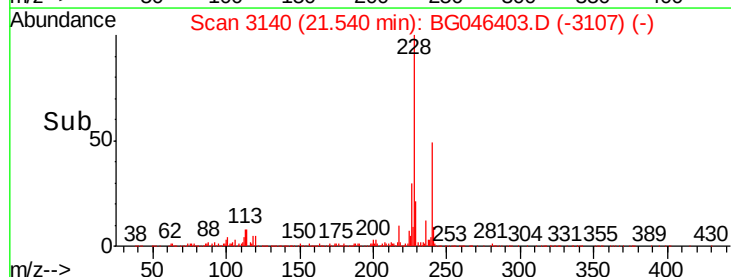
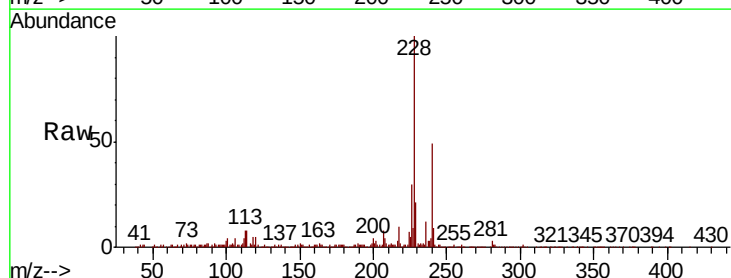
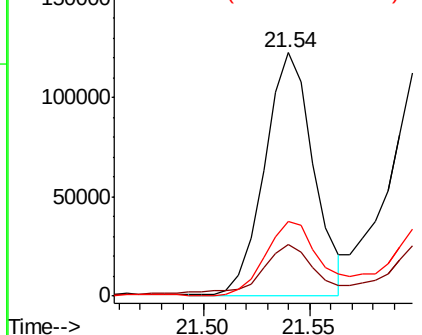
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

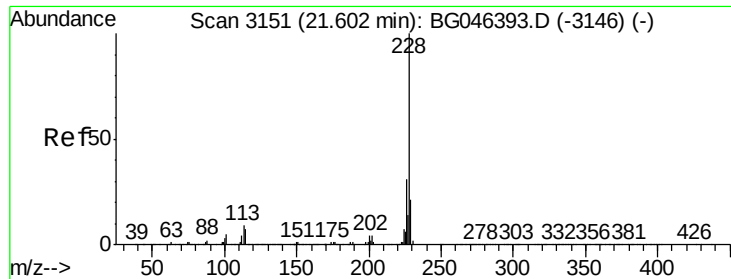


#21
Benzo(a)anthracene
Concen: 6.275 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	30.4	22.6	33.8

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#22

Chrysene

Concen: 7.544 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Instrument :

BNA_G

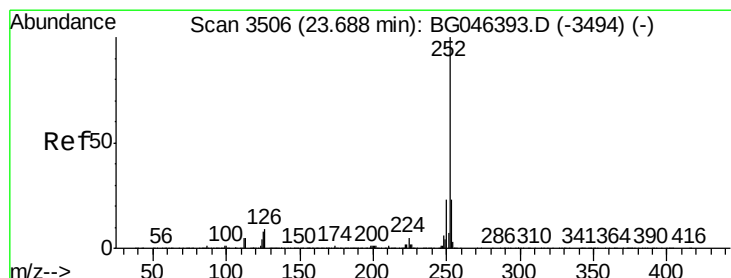
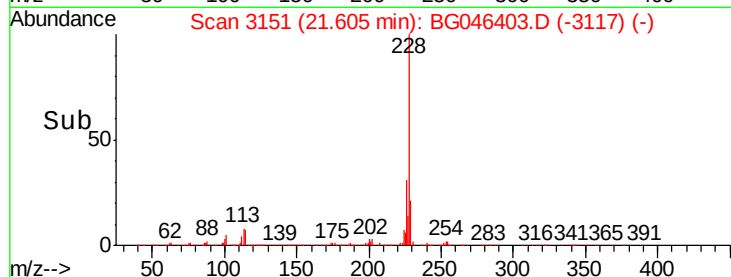
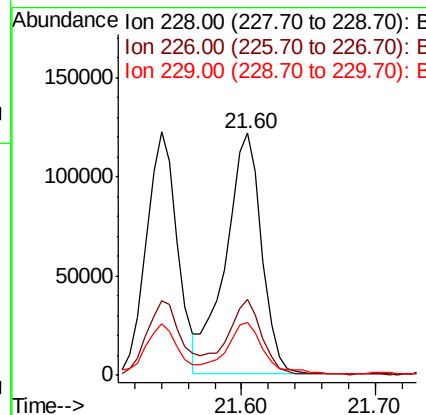
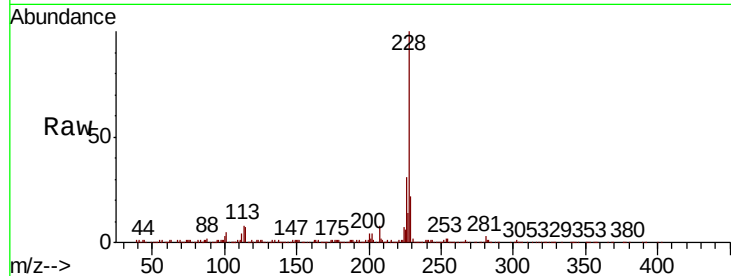
ClientSampleId :

BFMH2

Tot Ion:	228	Resp:	228951
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.5	38.3
229	21.9	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 8.951 ng/ul

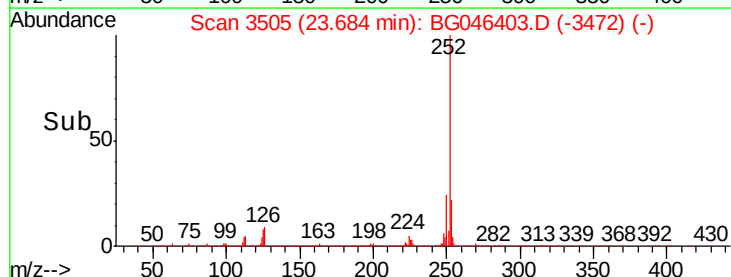
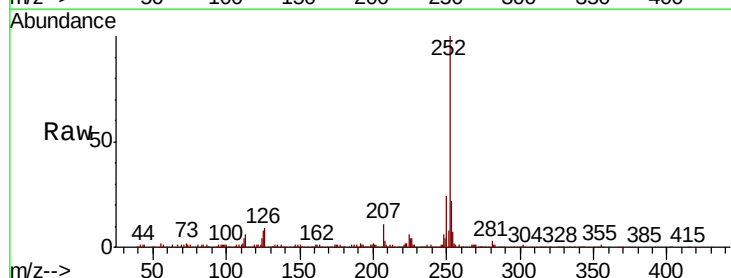
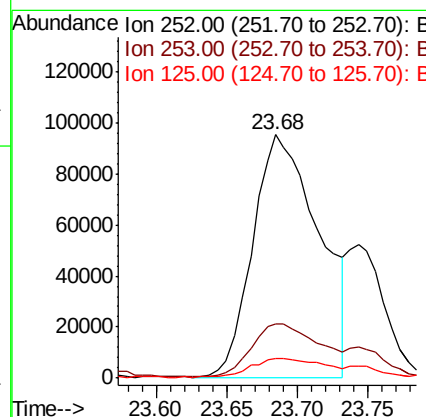
RT: 23.68 min Scan# 3505

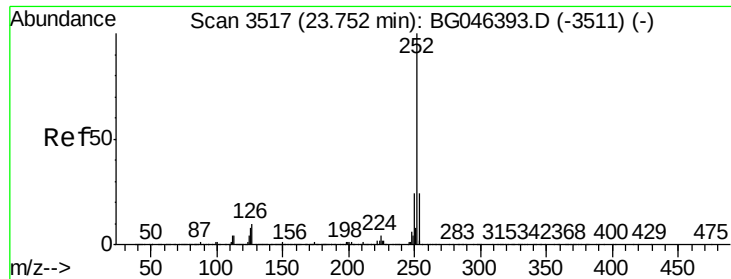
Delta R.T. -0.00 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Tgt Ion:	252	Resp:	310191
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	8.3	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 2.695 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Instrument :

BNA_G

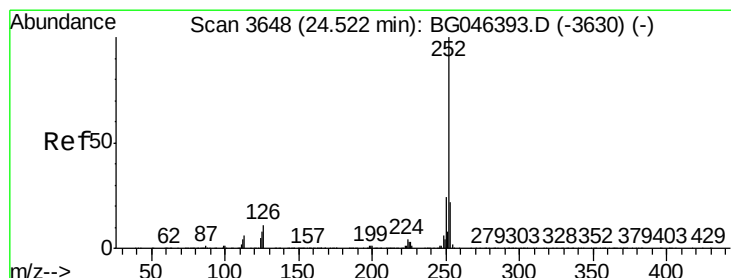
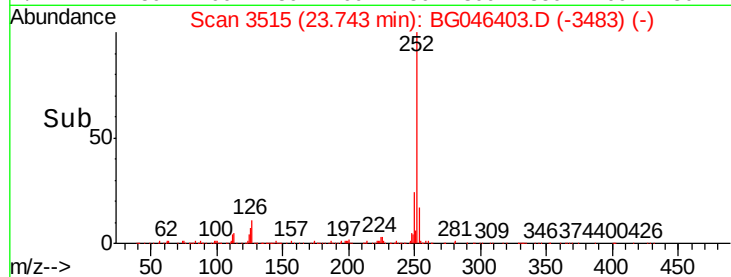
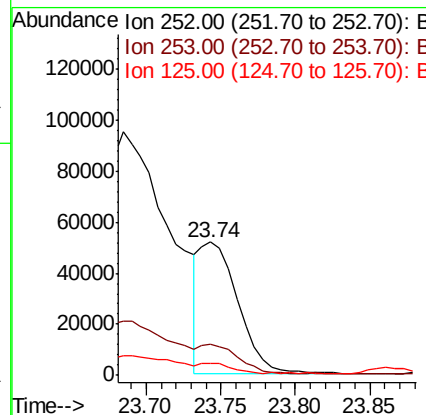
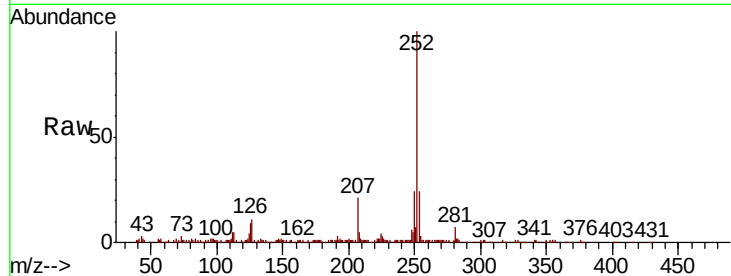
ClientSampleId :

BFMH2

Tot Ion:	252	Resp:	92650
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.5	27.7
125	8.9	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 5.840 ng/ul

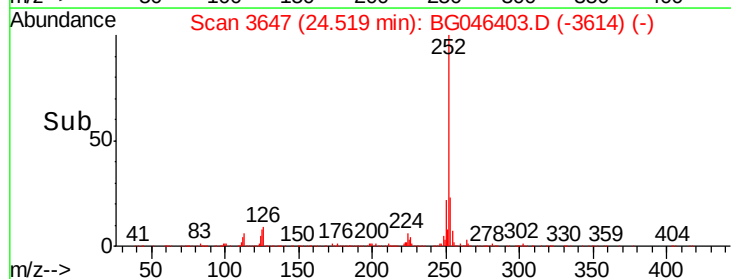
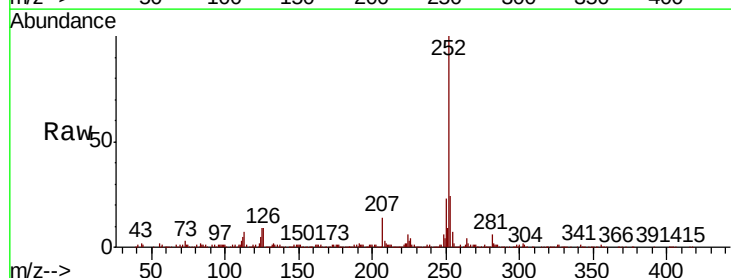
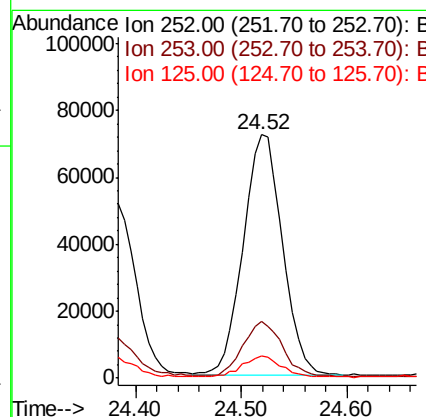
RT: 24.52 min Scan# 3647

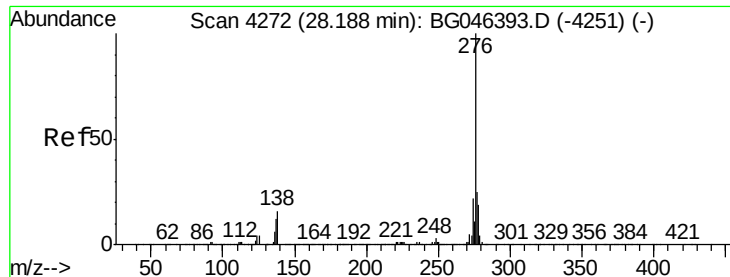
Delta R.T. -0.00 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Tgt Ion:	252	Resp:	185790
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	8.9	7.1	10.7





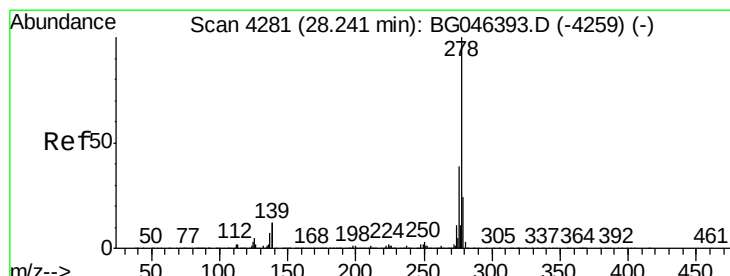
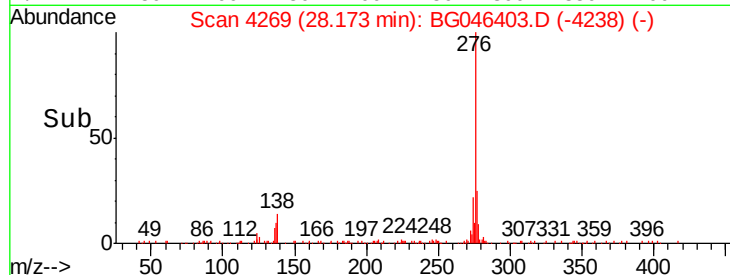
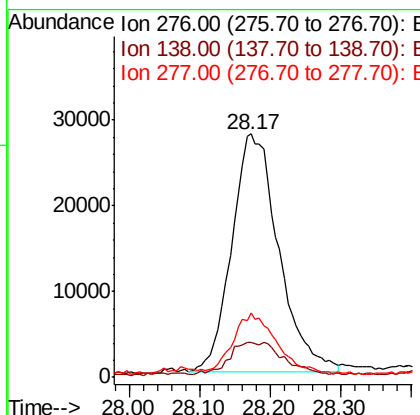
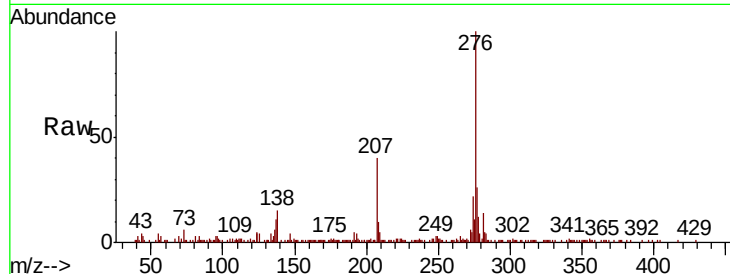
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.212 ng/ul m
 RT: 28.17 min Scan# 4269
 Delta R.T. -0.02 min
 Lab File: BG046403.D
 Acq: 21 Aug 2020 8:00

Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.2	19.8
277	26.3	19.9	29.9

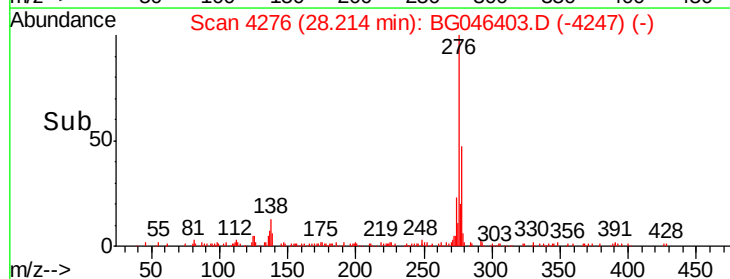
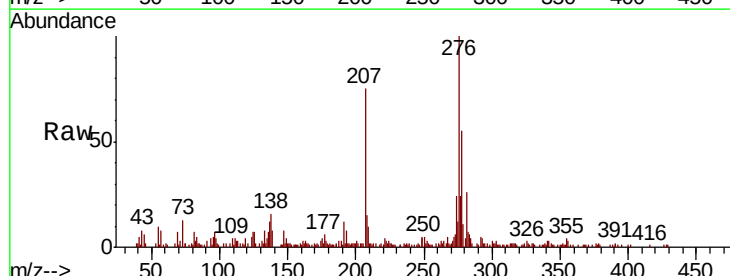
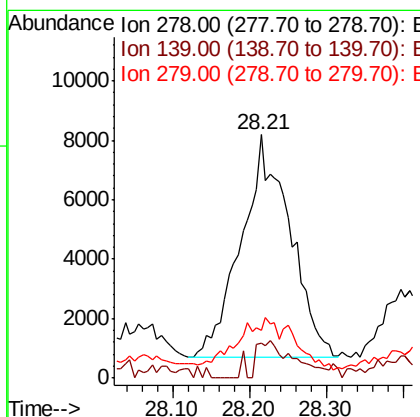
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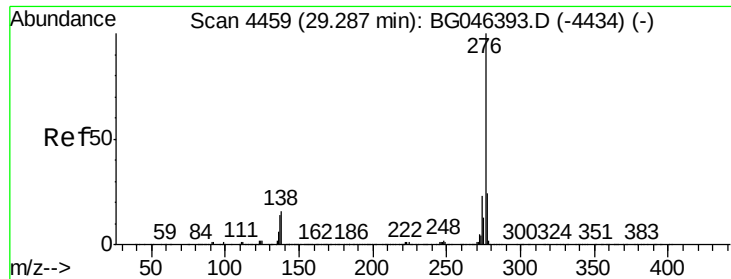
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.022 ng/ul m
 RT: 28.21 min Scan# 4276
 Delta R.T. -0.03 min
 Lab File: BG046403.D
 Acq: 21 Aug 2020 8:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.8	14.8
279	19.5	19.7	29.5#





#30

Benzo(a,h,i)perylene

Concen: 3.152 ng/ul

RT: 29.27 min Scan# 4456

Delta R.T. -0.02 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Instrument :

BNA_G

ClientSampleId :

BFMH2

Tot Ion:	276	Resp:	105084
Ion Ratio	Lower	Upper	
276	100		
138	17.4	12.9	19.3
277	24.0	19.4	29.0

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