

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

Quant Time: Aug 21 08:47:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:23:54 2020
 Response via : Initial Calibration

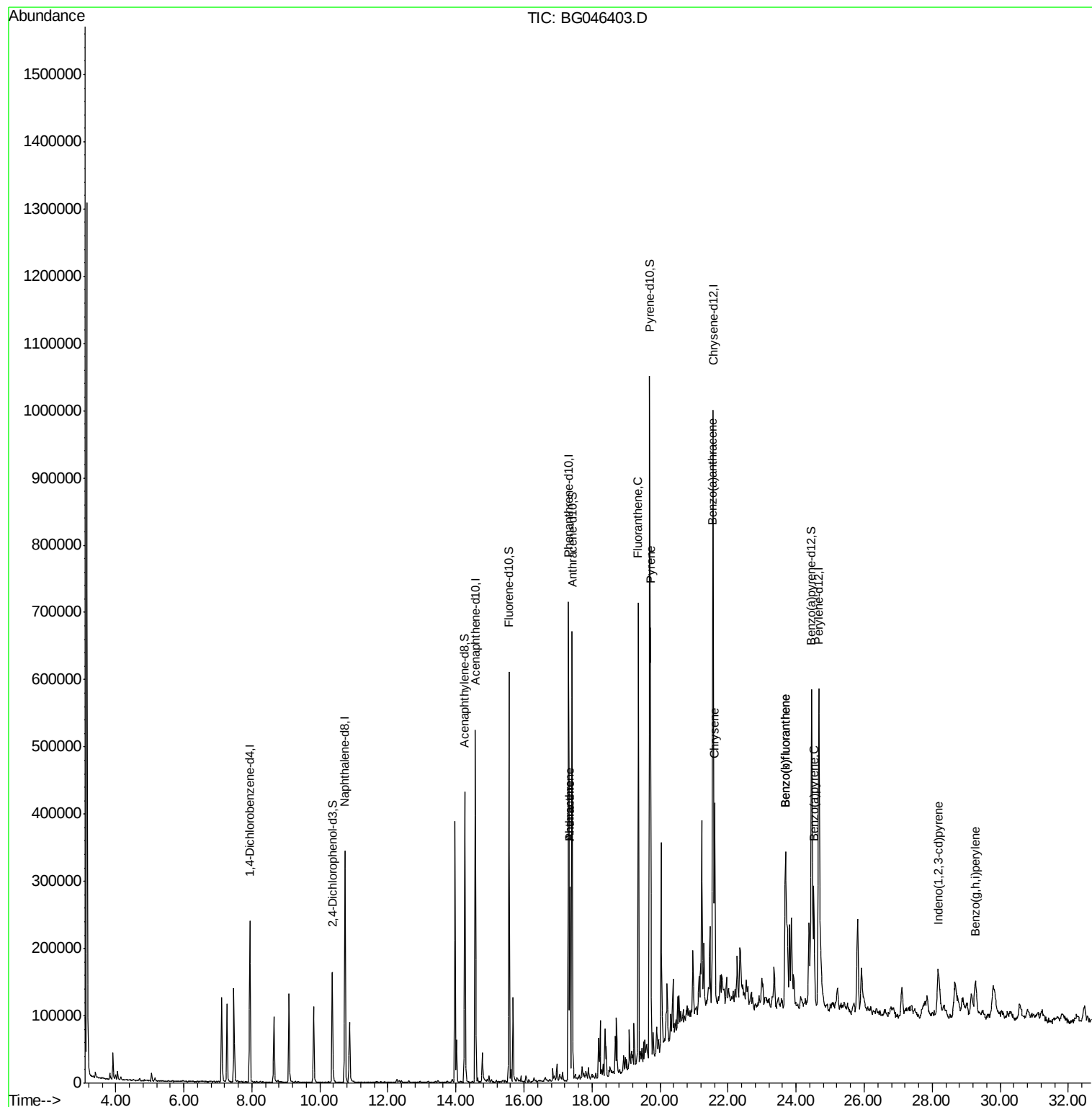
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77629	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	304366	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	196012	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	466327	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	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				Qvalue		
14) Phenanthrene	17.35	178	192360	7.498	ng/ul	99
16) Anthracene	17.35	178	192491	7.436	ng/ul	98
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	23.68	252	310191	9.024	ng/ul	99
27) Benzo(a)pyrene	24.52	252	185790	5.840	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	66436	1.668	ng/ul	97
30) Benzo(g,h,i)perylene	29.27	276	105084	3.152	ng/ul	99

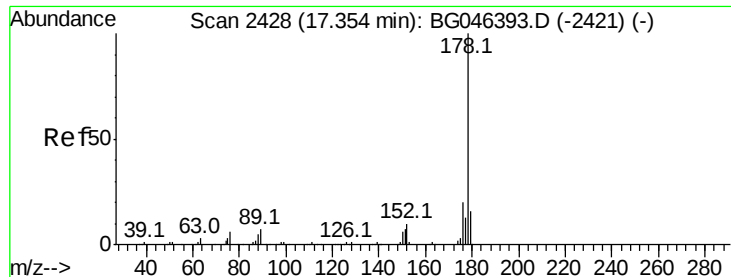
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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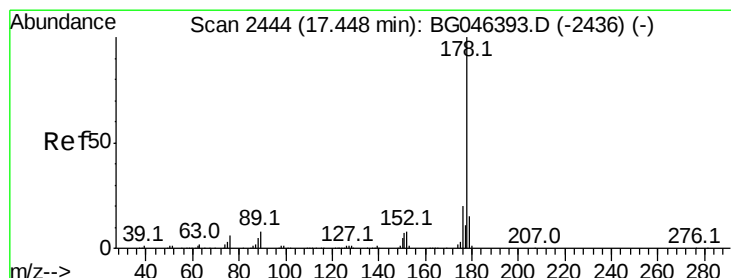
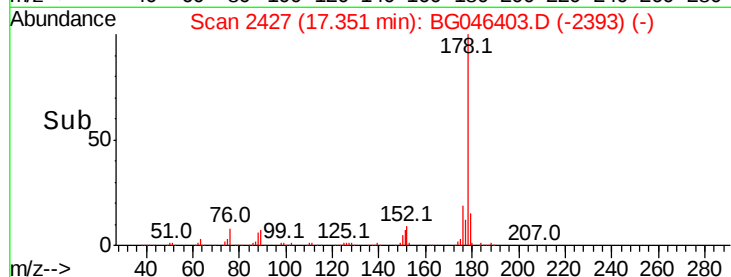
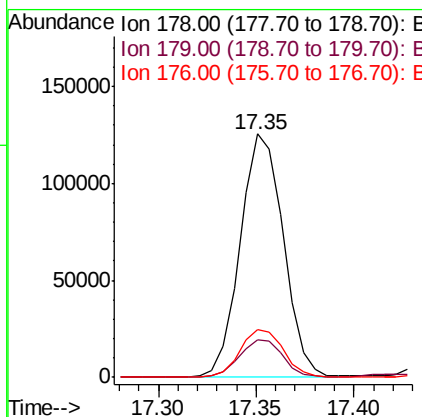
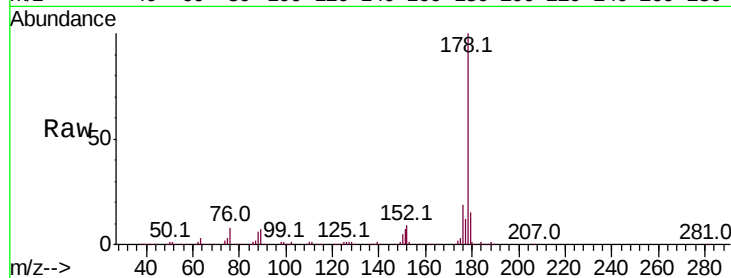




#14
Phenanthrene
Concen: 7.498 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

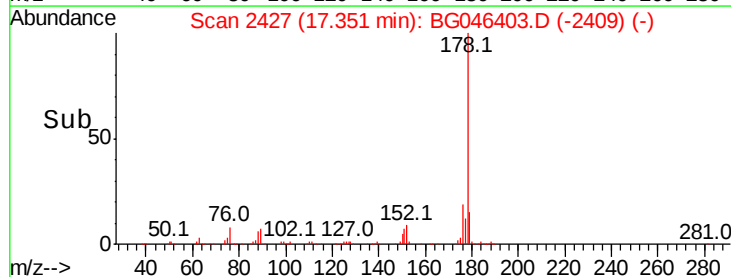
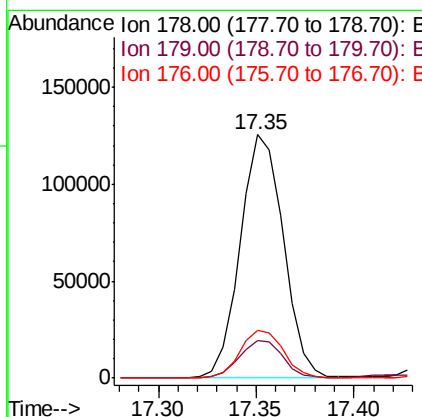
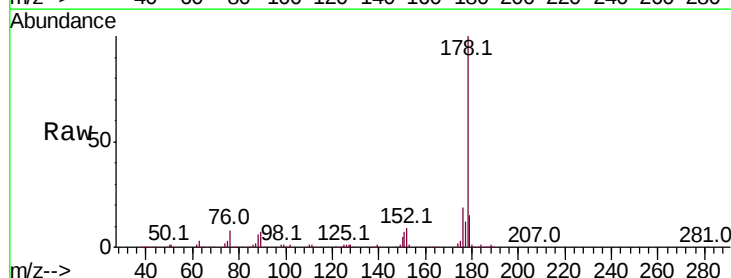
Instrument :
BNA_G
ClientSampleId :
BFMH2

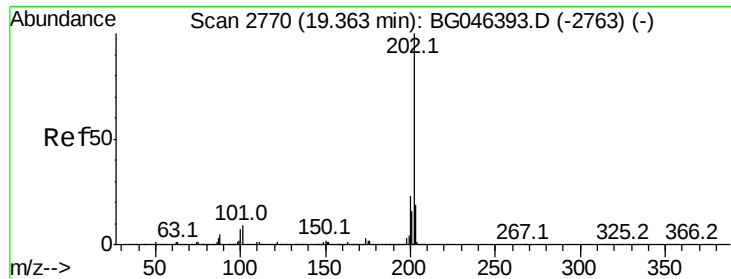
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.4	15.8	23.8



#16
Anthracene
Concen: 7.436 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.10 min
Lab File: BG046403.D
Acq: 21 Aug 2020 8:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	19.4	15.2	22.8

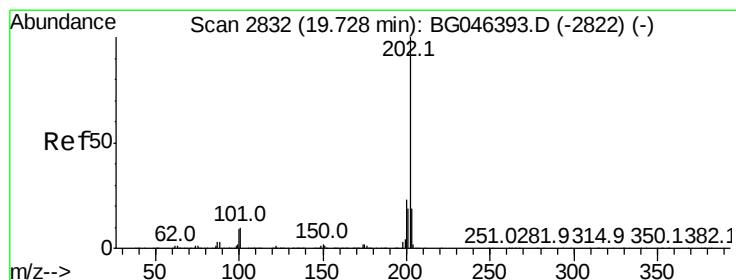
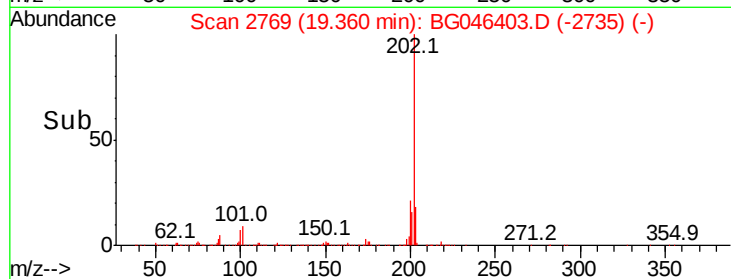
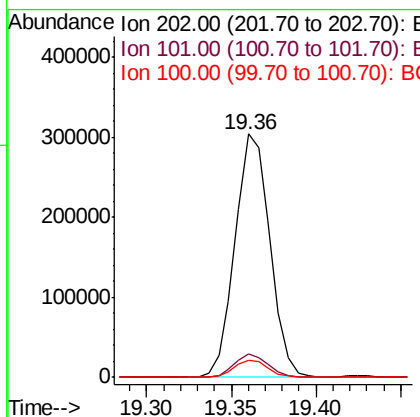
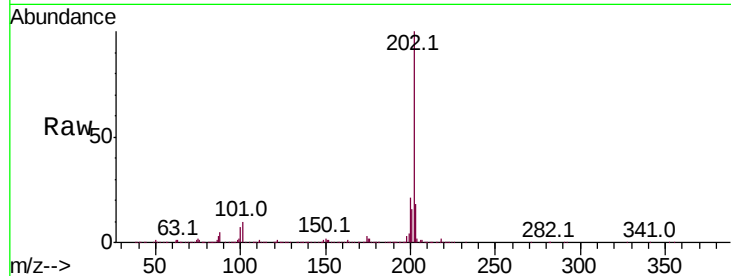




#17
Fluoranthene
 Concen: 15.263 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046403.D
 Acq: 21 Aug 2020 8:00

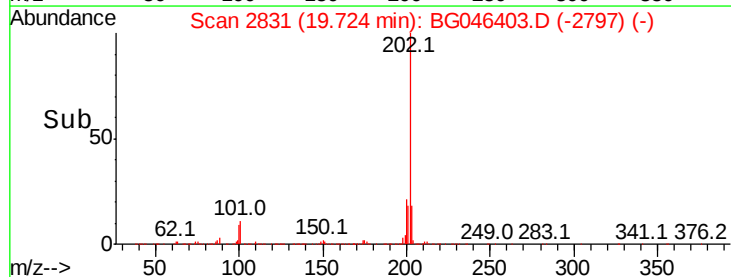
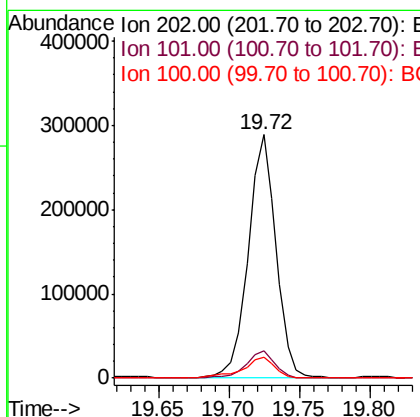
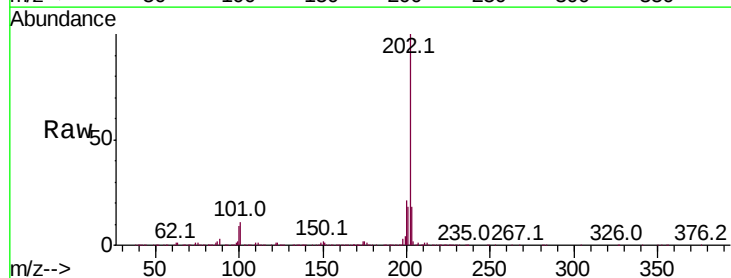
Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

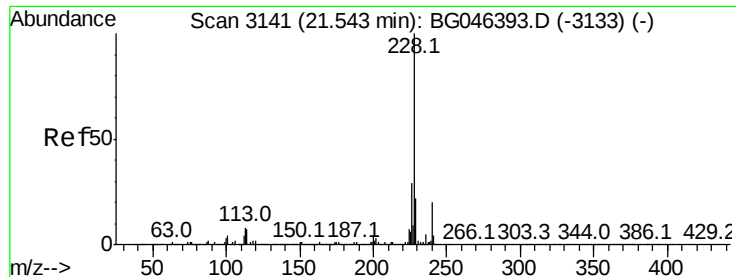
Tot Ion:	202	Resp:	436605
Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.6
100	6.9	5.9	8.9



#20
Pyrene
 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

Tgt Ion:	202	Resp:	396507
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: 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

Instrument :

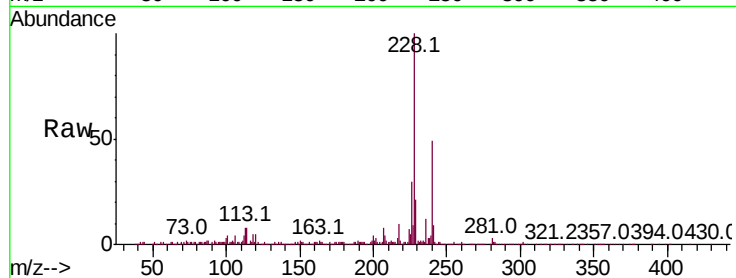
BNA_G

ClientSampleId :

BFMH2

Tot Ion:228 Resp: 196987

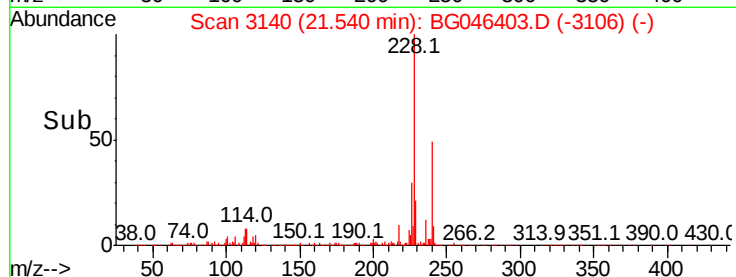
Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	30.4	22.6	33.8



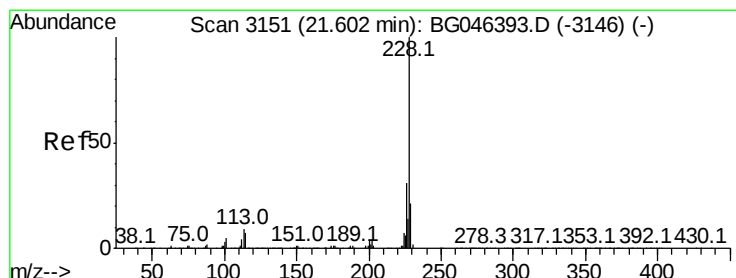
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#22

Chrysene

Concen: 7.544 ng/ul

RT: 21.60 min Scan# 3151

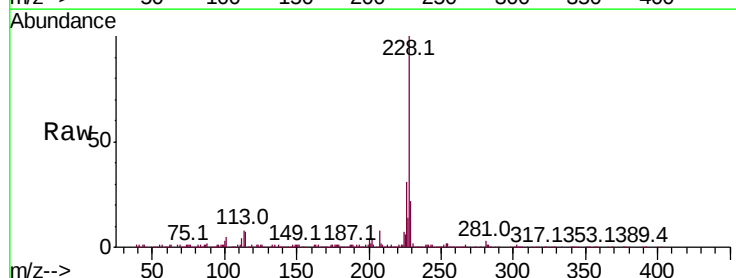
Delta R.T. -0.00 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Tgt Ion:228 Resp: 228951

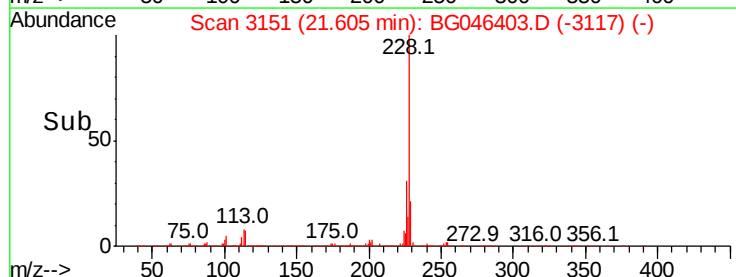
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	21.9	17.0	25.4



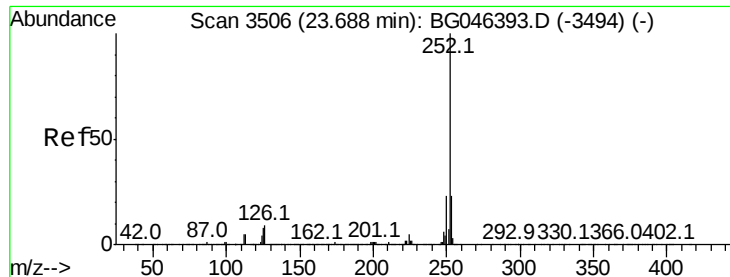
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#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

Instrument :

BNA_G

ClientSampleId :

BFMH2

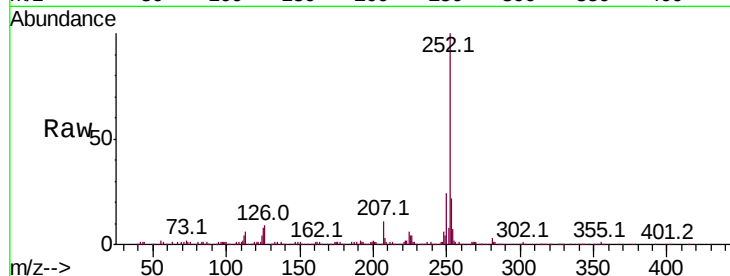
Tot Ion:252 Resp: 310191

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

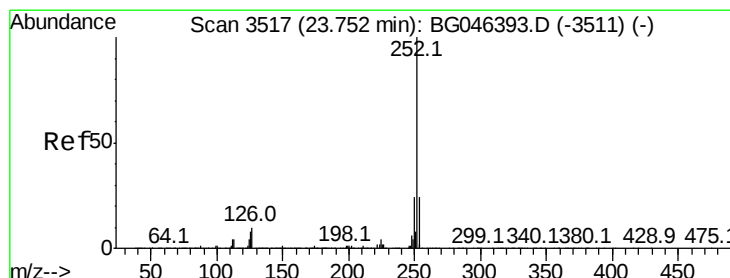
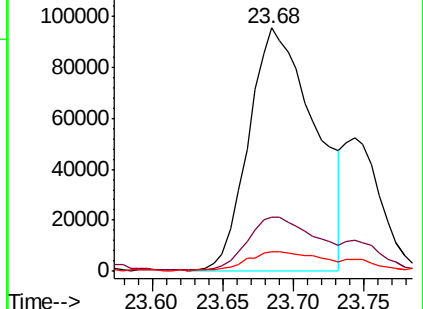
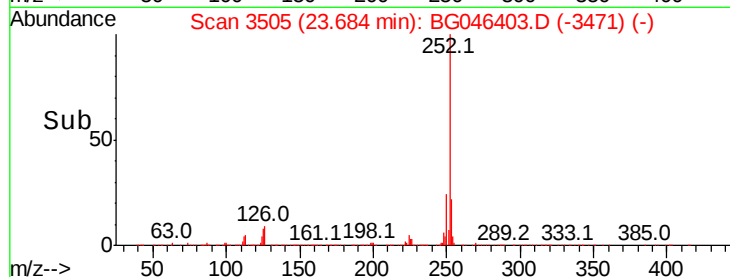
125 8.3 6.4 9.6



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



#25

Benzo(k)fluoranthene

Concen: 9.024 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.07 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

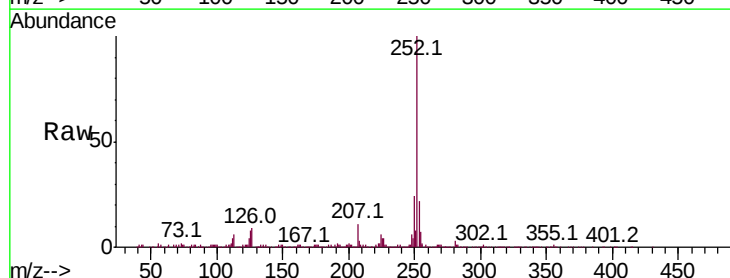
Tgt Ion:252 Resp: 310191

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

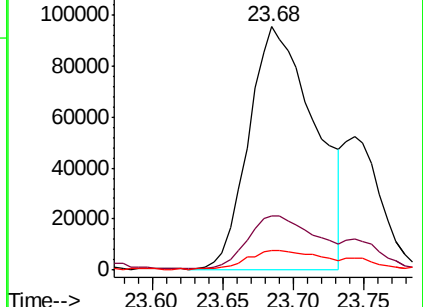
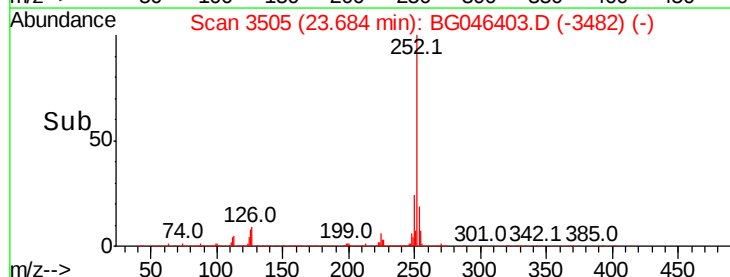
125 8.3 6.2 9.2

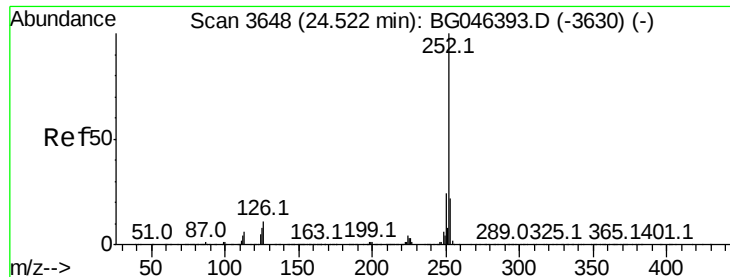


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 5.840 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

Instrument :

BNA_G

ClientSampleId :

BFMH2

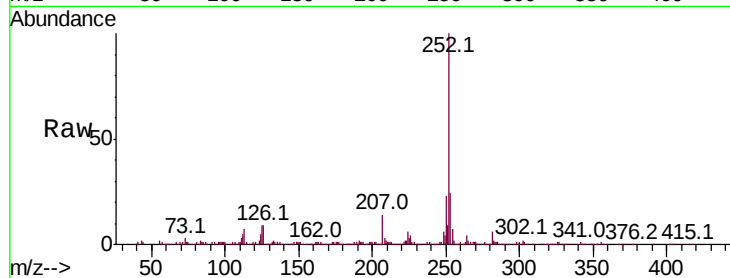
Tot Ion:252 Resp: 185790

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

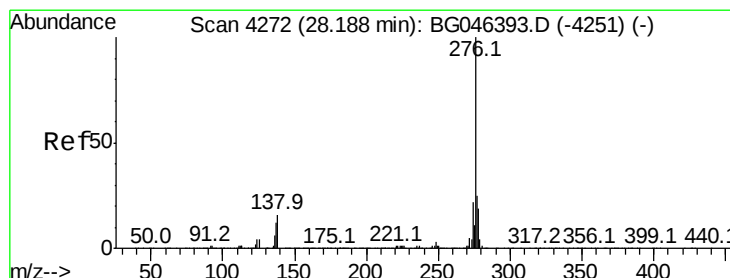
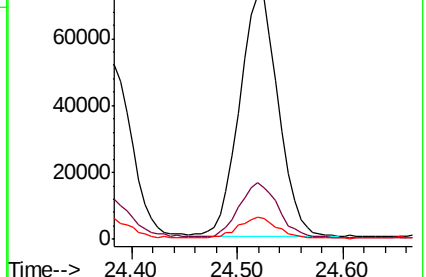
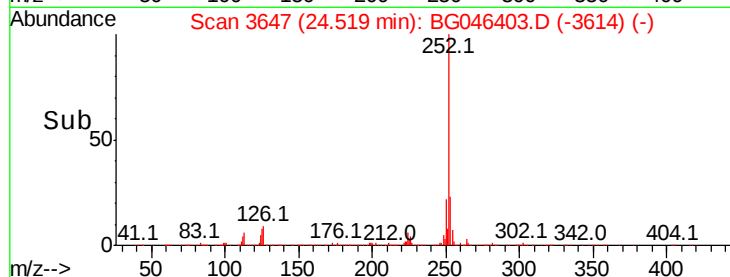
125 8.9 7.1 10.7



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.668 ng/ul

RT: 28.17 min Scan# 4269

Delta R.T. -0.03 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

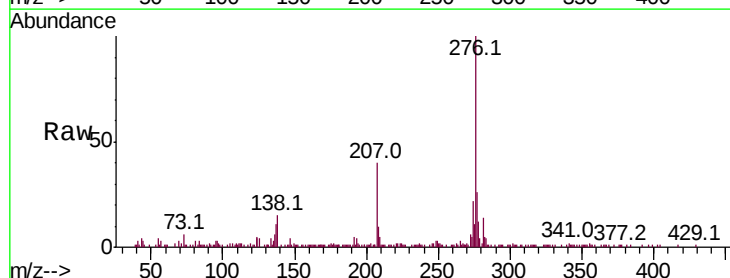
Tgt Ion:276 Resp: 66436

Ion Ratio Lower Upper

276 100

138 14.5 13.2 19.8

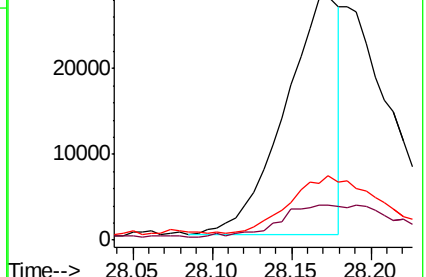
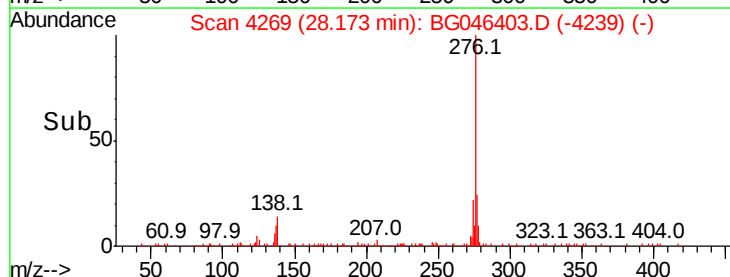
277 26.3 19.9 29.9

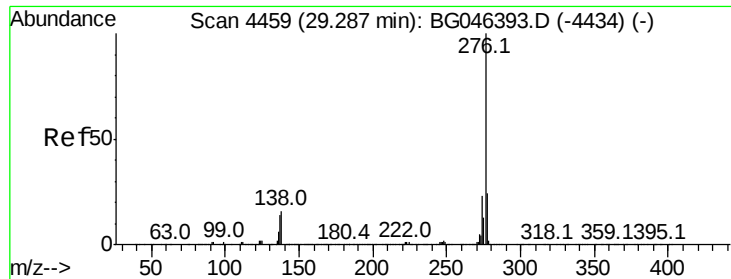


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(a,h,i)perylene

Concen: 3.152 ng/ul

RT: 29.27 min Scan# 4456

Delta R.T. -0.01 min

Lab File: BG046403.D

Acq: 21 Aug 2020 8:00

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BNA_G

ClientSampleId :

BFMH2

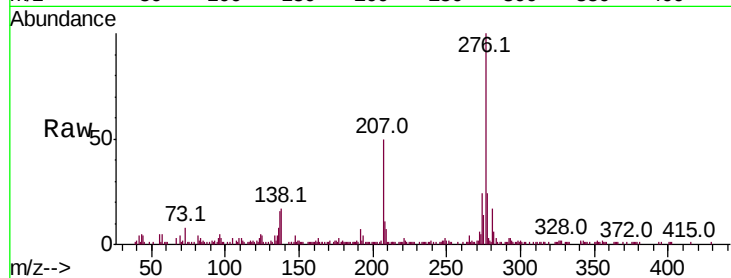
Tot Ion:276 Resp: 105084

Ion Ratio Lower Upper

276 100

138 17.4 12.9 19.3

277 24.0 19.4 29.0



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

