

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046437.D
 Acq On : 22 Aug 2020 7:31
 Operator : CG/JU
 Sample : L3649-12
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMX9

Quant Time: Aug 22 08:10:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 06:58:14 2020
 Response via : Initial Calibration

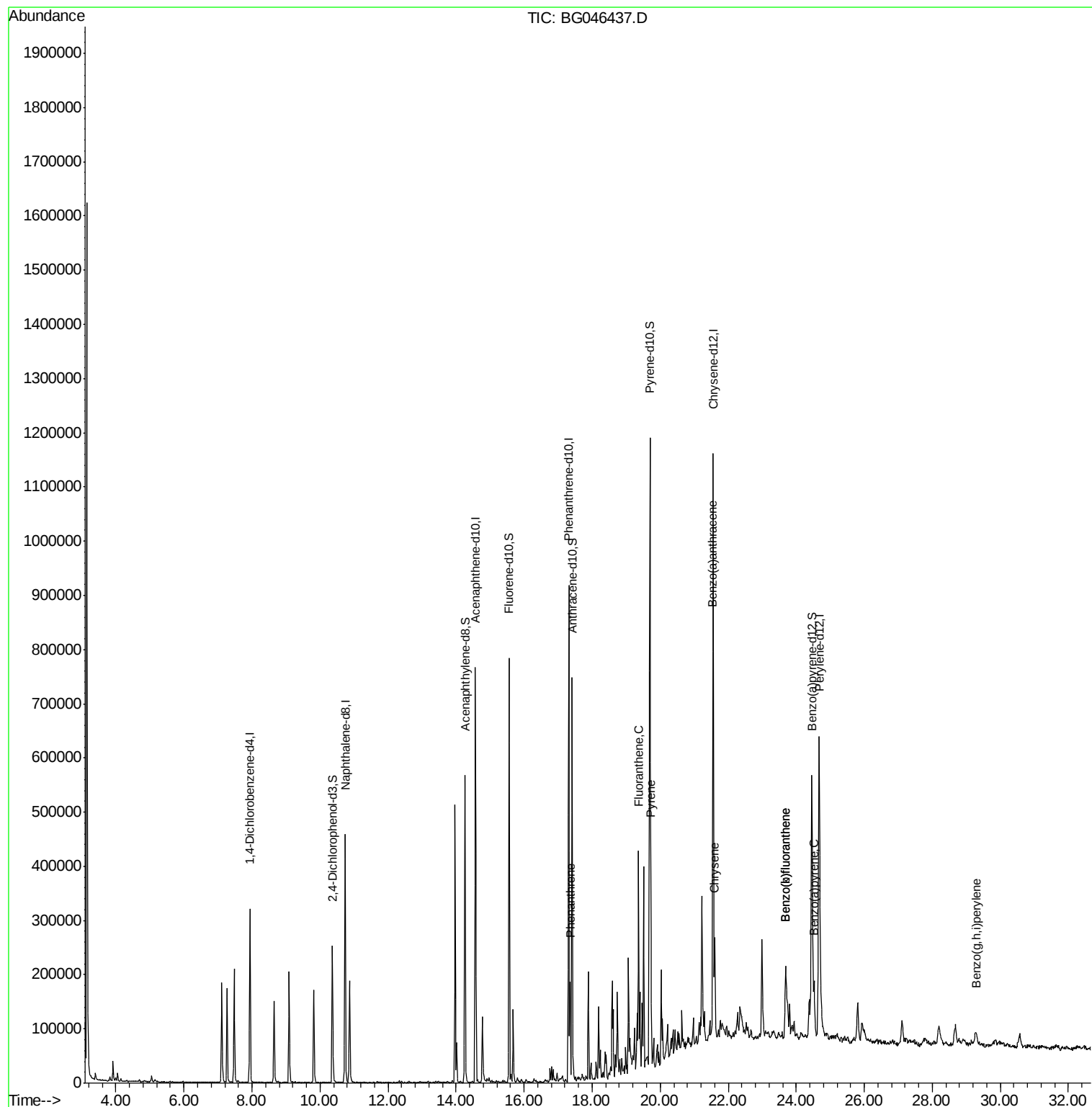
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	100399	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	414049	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	273986	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	590709	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	602331	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	609560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	116686	16.37	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	433035	17.17	ng/ul	0.00
10) Fluorene-d10	15.56	176	336994	17.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	461941	16.87	ng/ul	0.00
19) Pyrene-d10	19.70	212	530398	17.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	559994	16.84	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	113634	3.497	ng/ul	98
17) Fluoranthene	19.36	202	241002	6.651	ng/ul	99
20) Pyrene	19.73	202	223945	5.664	ng/ul	97
21) Benzo(a)anthracene	21.54	228	123094	3.141	ng/ul	98
22) Chrysene	21.60	228	134071	3.539	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	168455	4.179	ng/ul	95
25) Benzo(k)fluoranthene	23.69	252	168455	4.213	ng/ul	97
27) Benzo(a)pyrene	24.52	252	105902	2.862	ng/ul	97
30) Benzo(g,h,i)perylene	29.29	276	49428	1.275	ng/ul	93

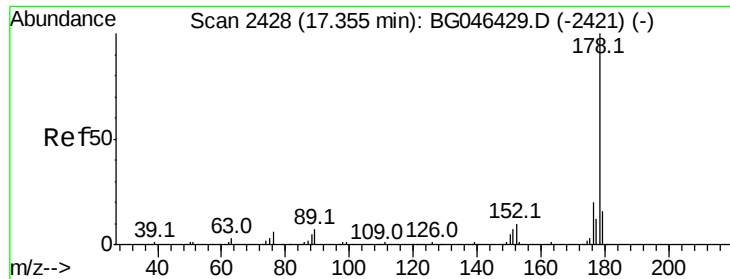
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 3.497 ng/ul

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

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BNA_G

ClientSampleId :

BFMX9

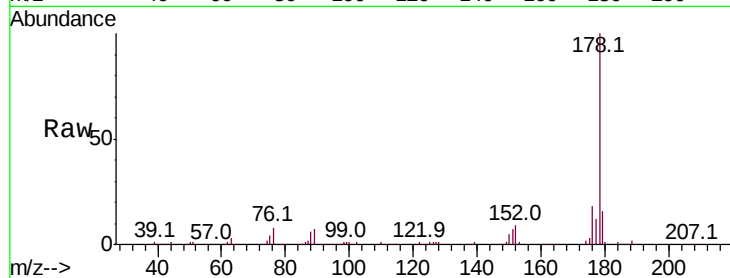
Tot Ion:178 Resp: 113634

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

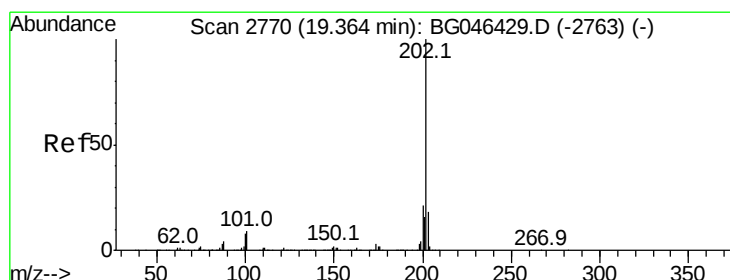
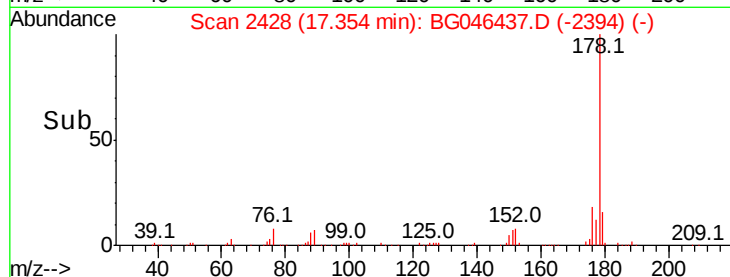
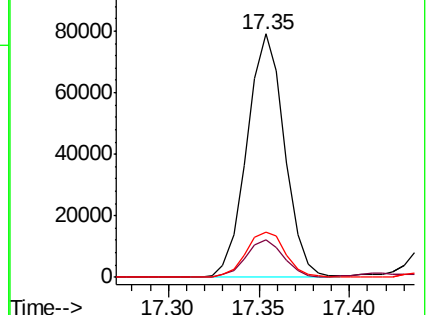
176 18.4 15.8 23.8



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: 6.651 ng/ul

RT: 19.36 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

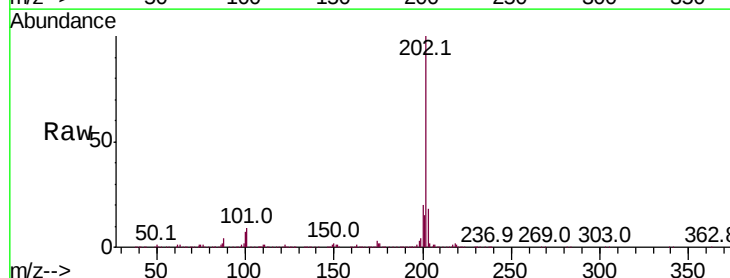
Tgt Ion:202 Resp: 241002

Ion Ratio Lower Upper

202 100

101 9.3 7.8 11.6

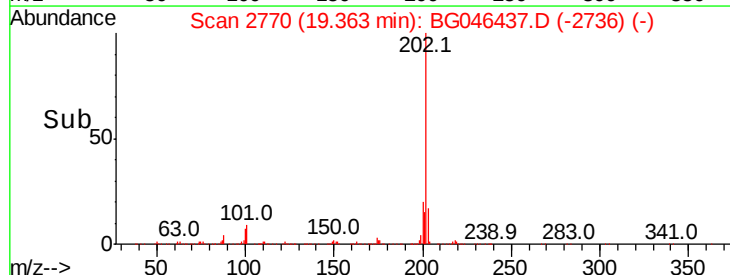
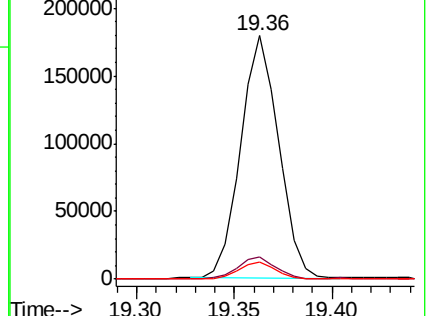
100 6.9 5.9 8.9

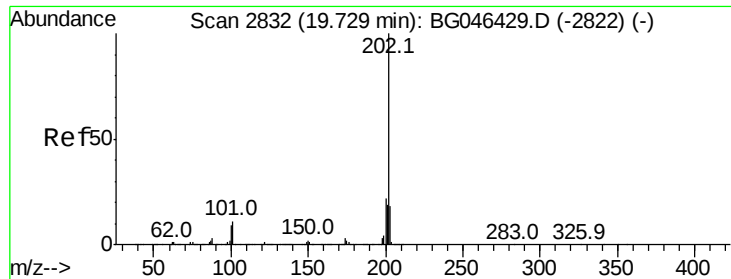


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

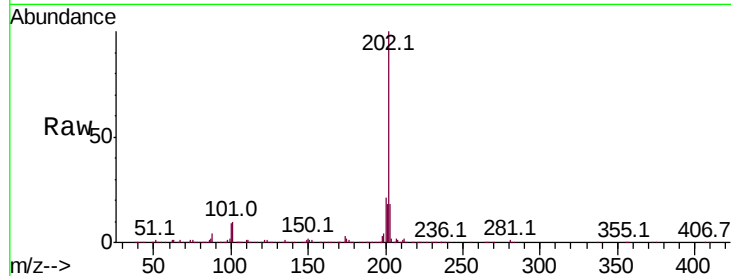




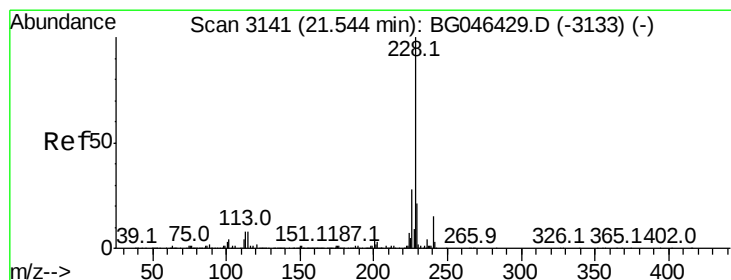
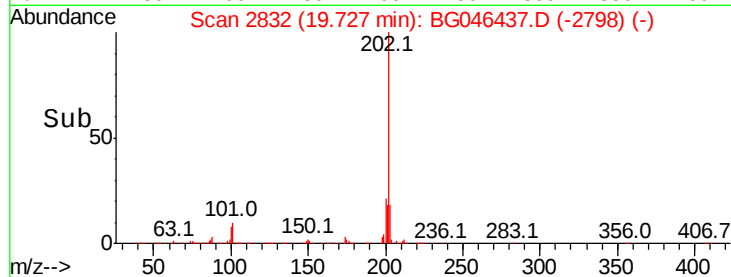
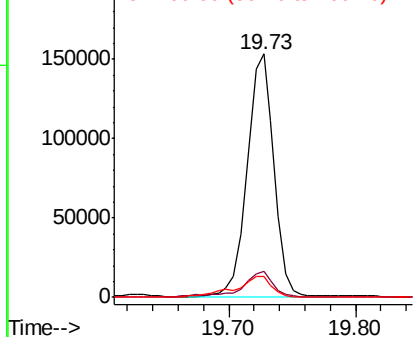
#20
Pvrene
Concen: 5.664 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Instrument :
BNA_G
ClientSampleId :
BFMX9

Tot Ion:	202	Resp:	223945
Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	8.5	7.9	11.9

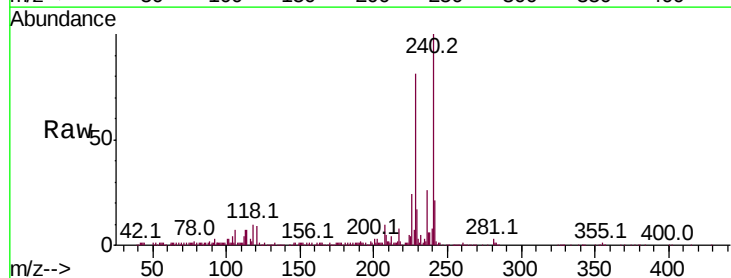


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

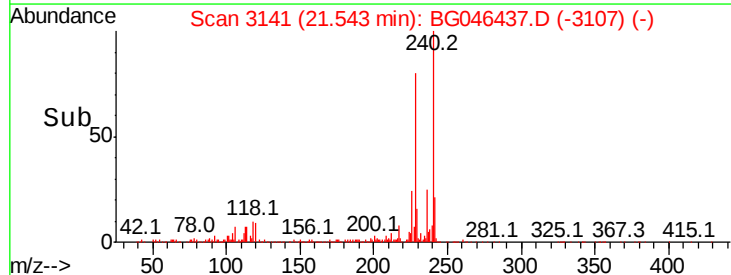
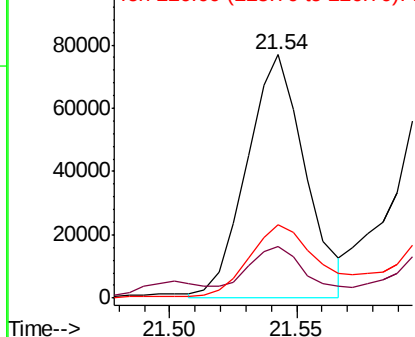


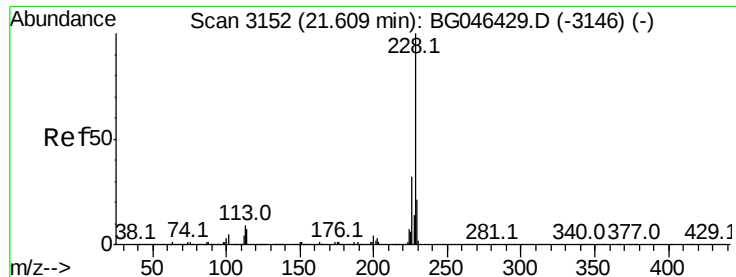
#21
Benzo(a)anthracene
Concen: 3.141 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Tgt Ion:	228	Resp:	123094
Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	30.3	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: 3.539 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

Instrument :

BNA_G

ClientSampled :

BFMX9

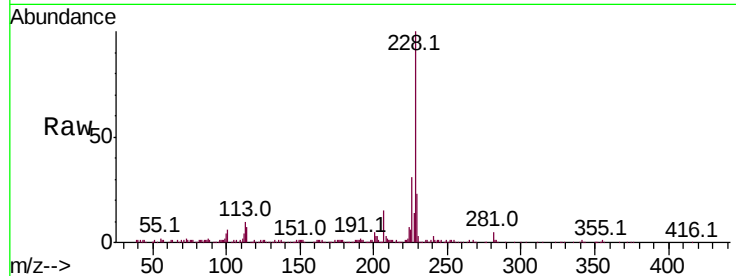
Tot Ion:228 Resp: 134071

Ion Ratio Lower Upper

228 100

226 30.6 25.5 38.3

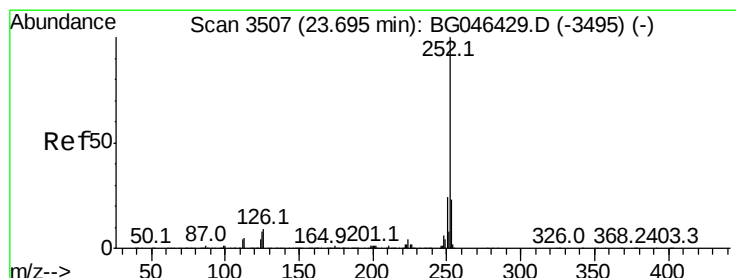
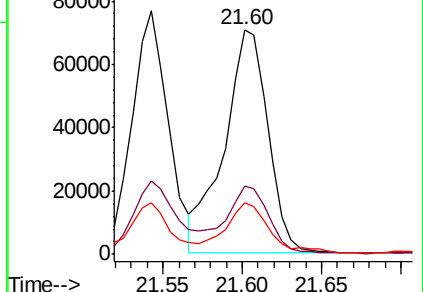
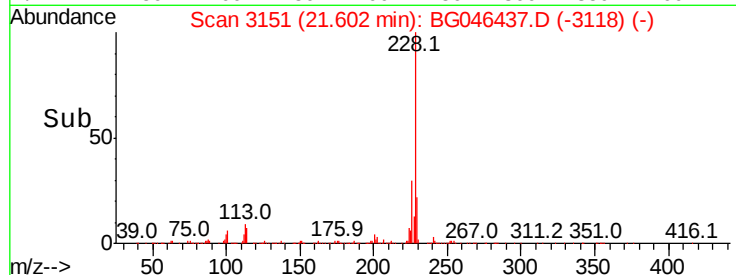
229 22.8 17.0 25.4



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



#24

Benzo(b)fluoranthene

Concen: 4.179 ng/ul

RT: 23.69 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

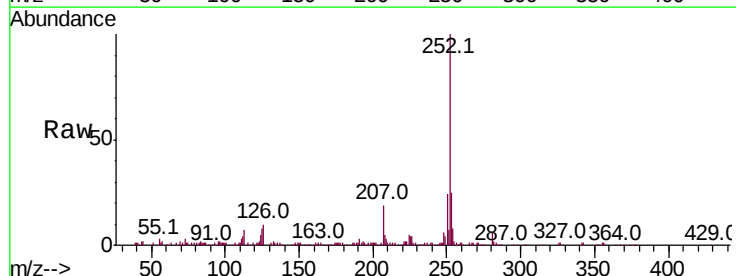
Tgt Ion:252 Resp: 168455

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

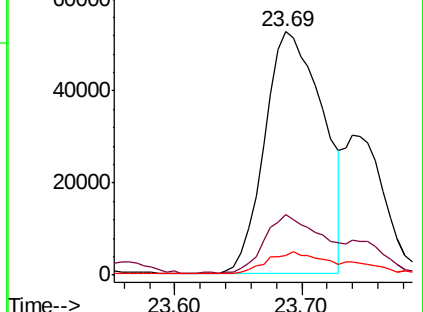
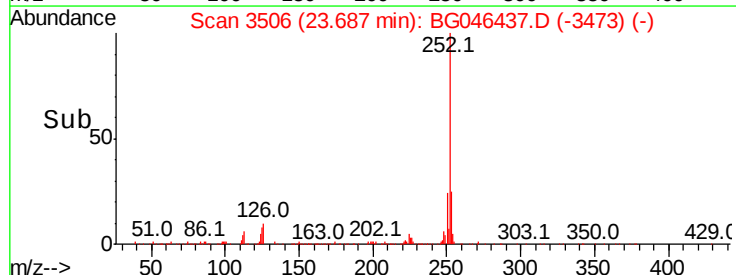
125 8.1 6.4 9.6

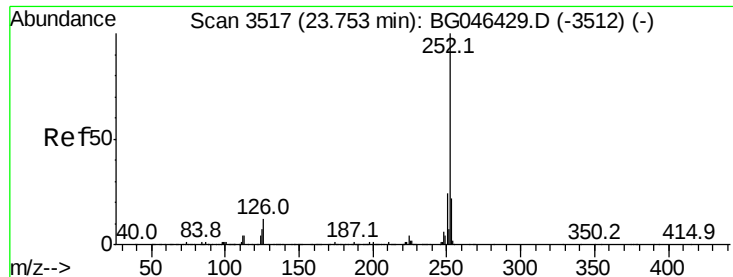


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

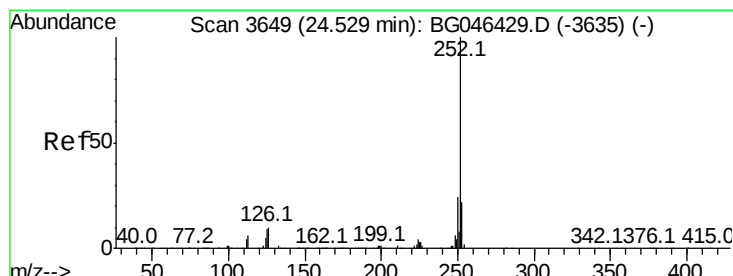
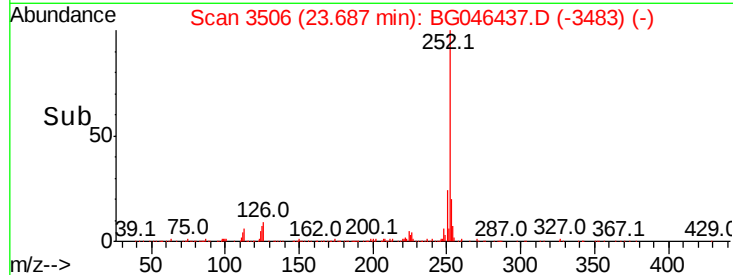
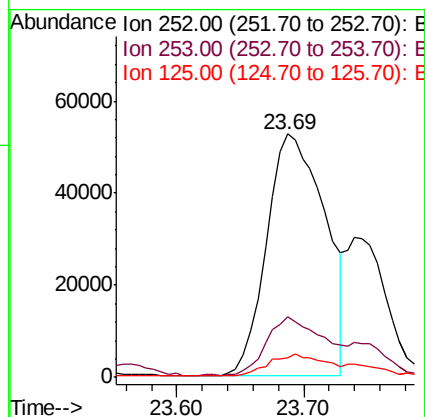
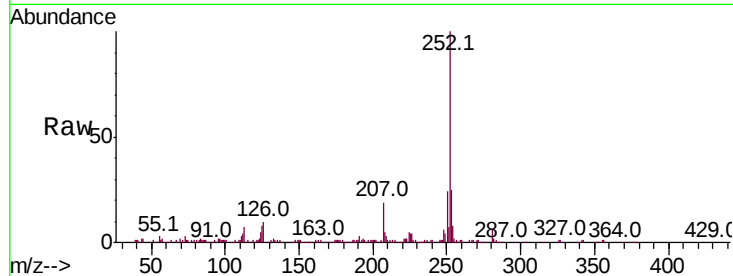




#25
Benzo(k)fluoranthene
Concen: 4.213 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.07 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

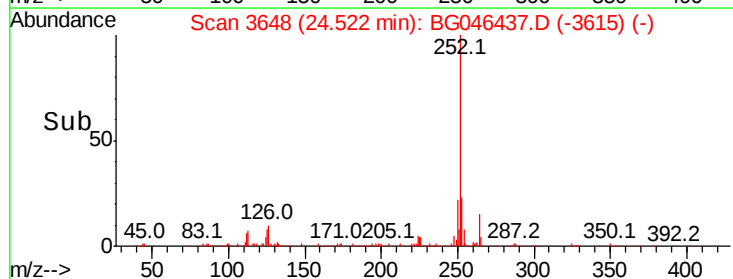
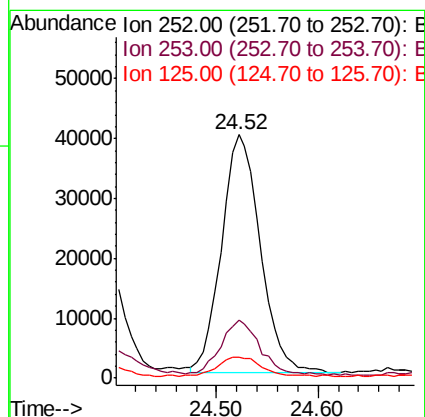
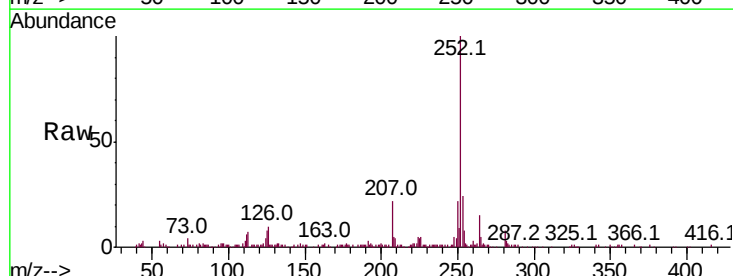
Instrument :
BNA_G
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BFMX9

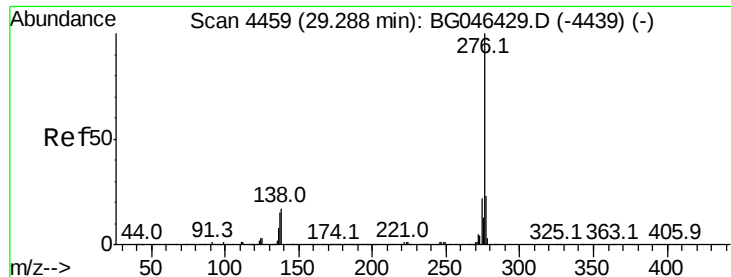
Tot Ion:252	Resp:	168455
Ion Ratio	Lower	Upper
252	100	
253	25.1	18.5 27.7
125	8.1	6.2 9.2



#27
Benzo(a)pyrene
Concen: 2.862 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046437.D
Acq: 22 Aug 2020 7:31

Tgt Ion:252	Resp:	105902
Ion Ratio	Lower	Upper
252	100	
253	24.0	17.8 26.8
125	8.4	7.1 10.7





#30

Benzo(a,h,i)perylene

Concen: 1.275 ng/ul

RT: 29.29 min Scan# 4459

Delta R.T. -0.00 min

Lab File: BG046437.D

Acq: 22 Aug 2020 7:31

Instrument :

BNA_G

ClientSampleId :

BFMX9

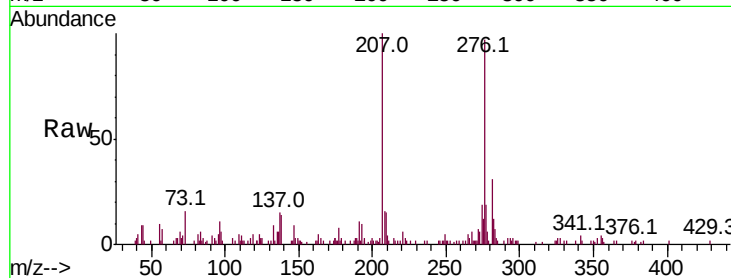
Tot Ion:276 Resp: 49428

Ion Ratio Lower Upper

276 100

138 14.2 12.9 19.3

277 19.7 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

