

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046426.D
 Acq On : 21 Aug 2020 23:26
 Operator : CG/JU
 Sample : L3649-02
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMW9

Quant Time: Aug 22 01:00:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 00:58:34 2020
 Response via : Initial Calibration

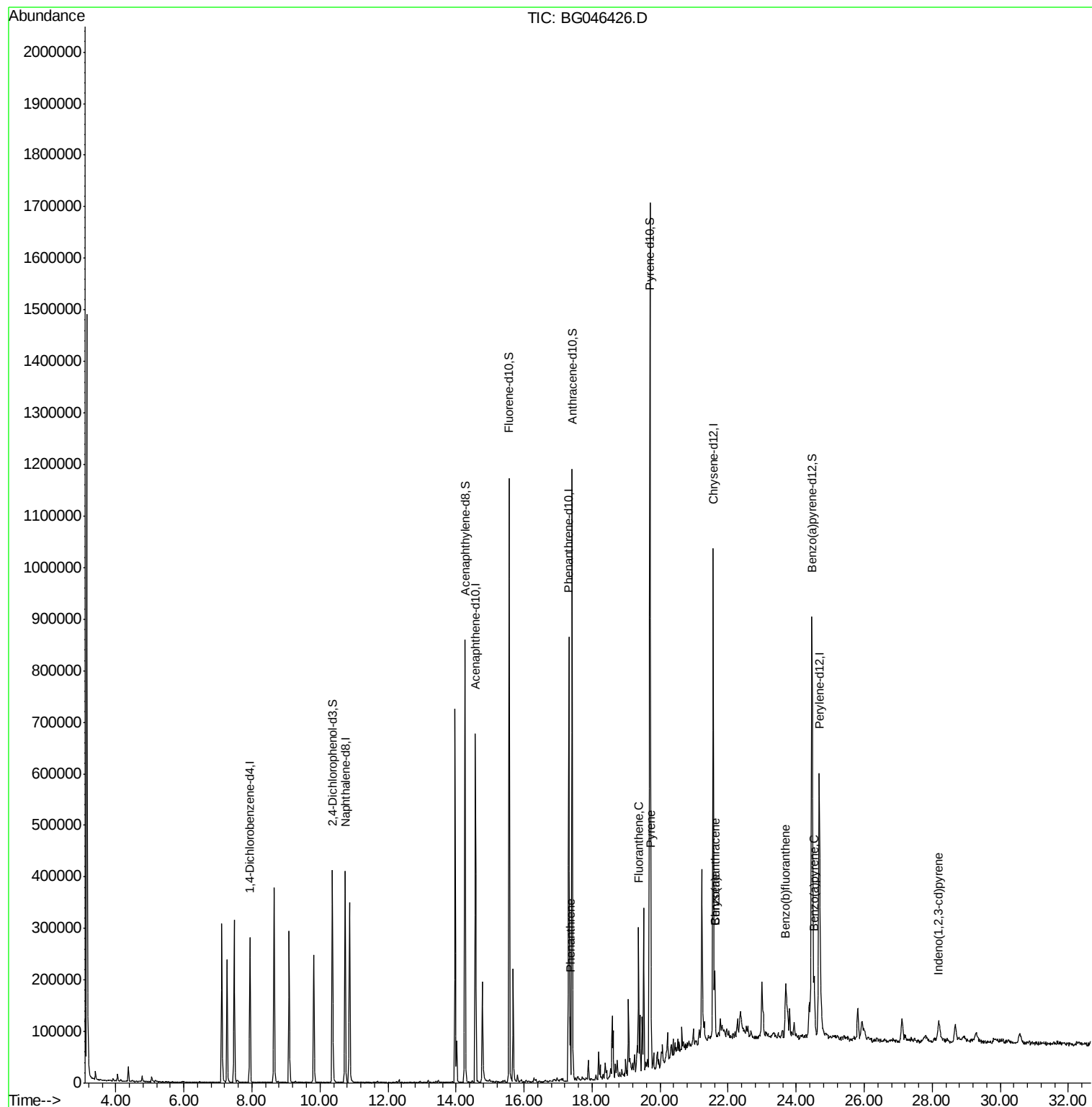
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89176	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	370586	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	244228	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	543664	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	542856	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	548466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	179562	28.14	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	651066	28.97	ng/ul	0.00
10) Fluorene-d10	15.56	176	494348	28.70	ng/ul	0.00
15) Anthracene-d10	17.41	188	705471	27.99	ng/ul	0.00
19) Pyrene-d10	19.70	212	846232	30.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	933039	31.17	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	76205	2.548	ng/ul	99
17) Fluoranthene	19.36	202	175155	5.252	ng/ul	100
20) Pyrene	19.73	202	172971	4.854	ng/ul	98
21) Benzo(a)anthracene	21.61	228	98431	2.787	ng/ul	97
22) Chrysene	21.61	228	97990	2.870	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	145656	4.016	ng/ul	98
27) Benzo(a)pyrene	24.53	252	105229	3.160	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	66197	1.588	ng/ul	98

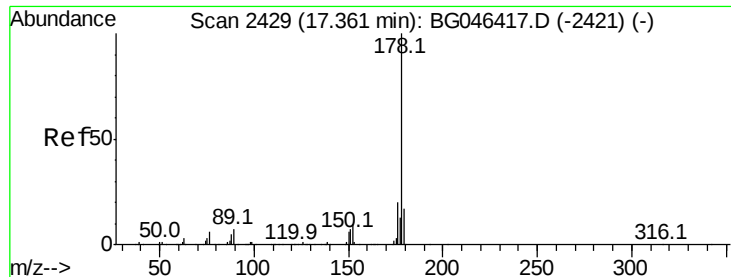
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.548 ng/ul

RT: 17.35 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

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BNA_G

ClientSampleId :

BFMW9

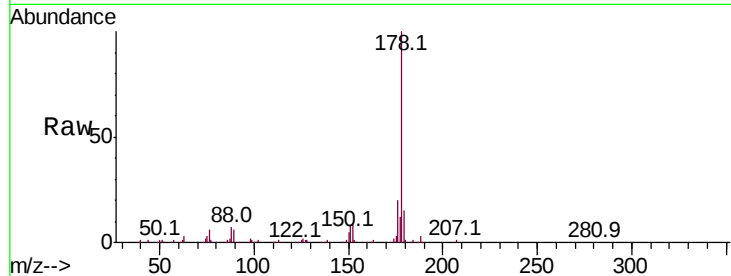
Tot Ion:178 Resp: 76205

Ion Ratio Lower Upper

178 100

179 14.8 12.8 19.2

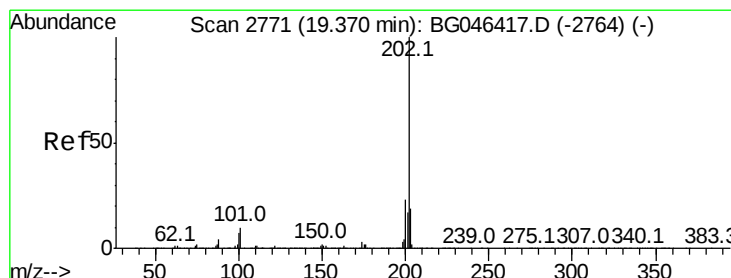
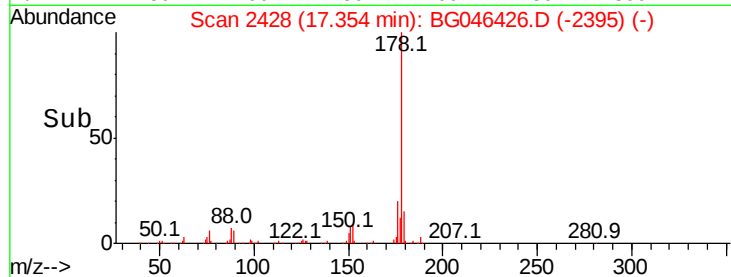
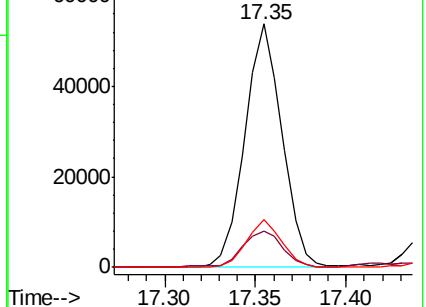
176 19.8 15.8 23.8



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: 5.252 ng/ul

RT: 19.36 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

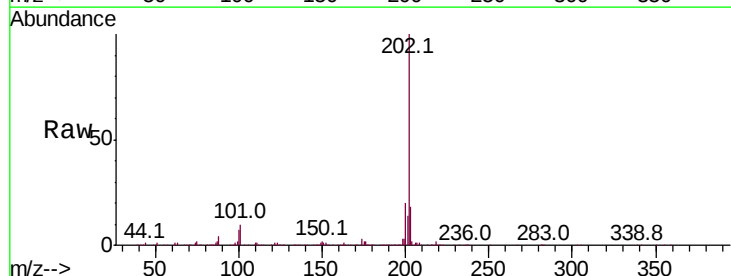
Tgt Ion:202 Resp: 175155

Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

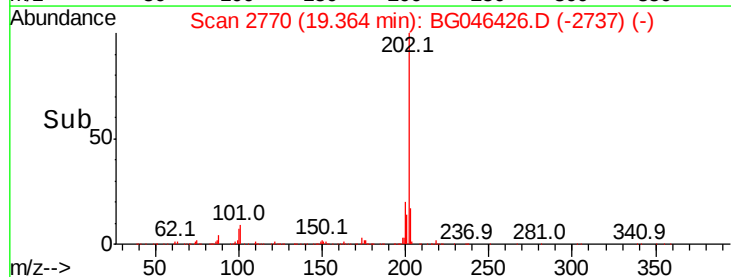
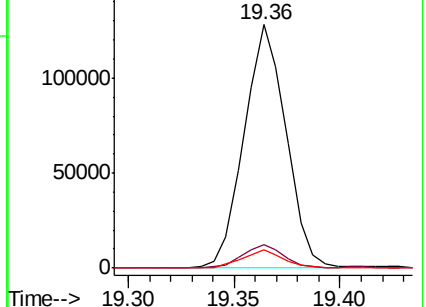
100 7.3 5.9 8.9

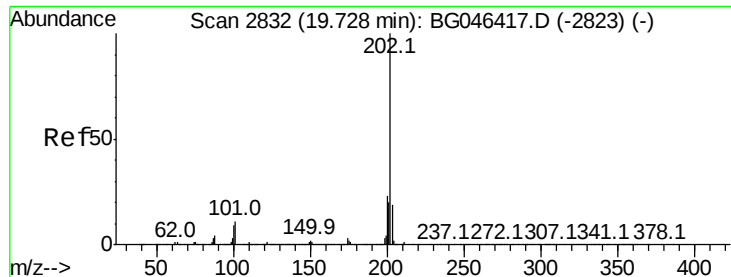


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

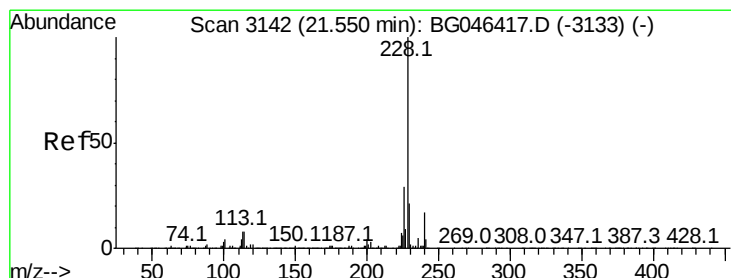
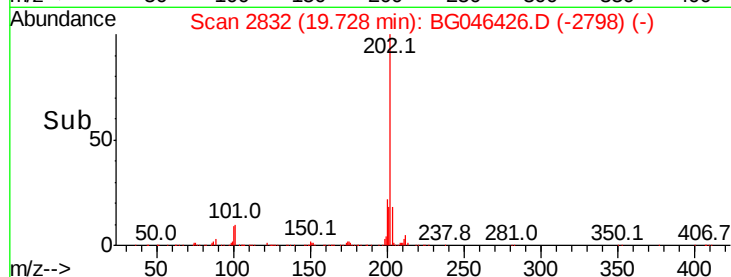
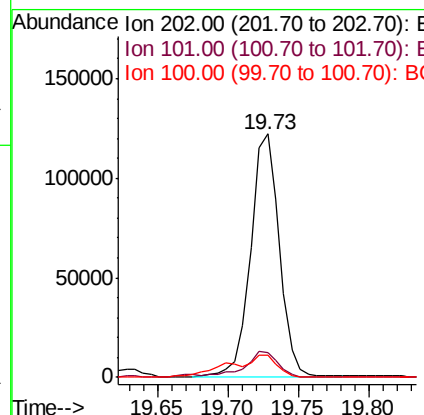
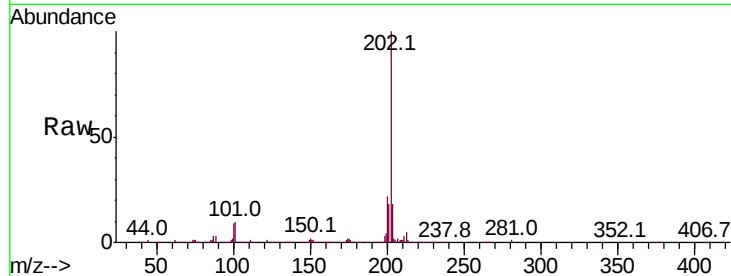




#20
Pvrene
Concen: 4.854 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

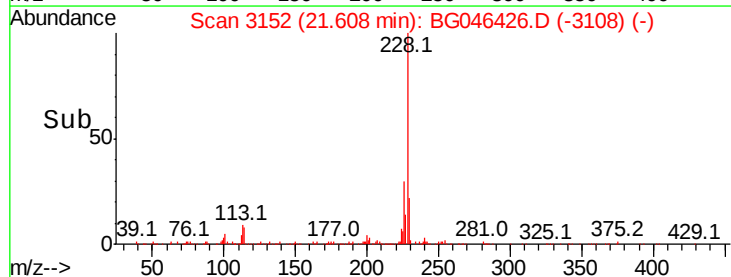
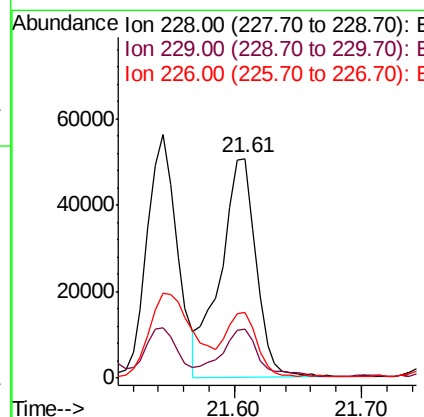
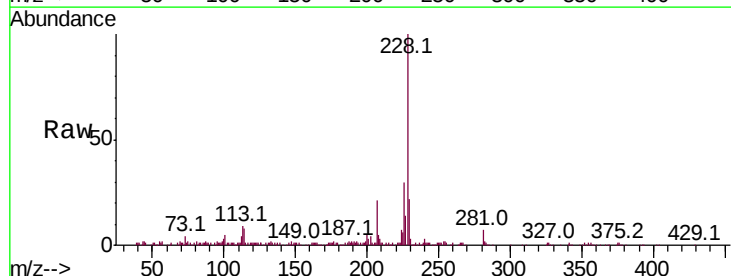
Instrument :
BNA_G
ClientSampleId :
BFMW9

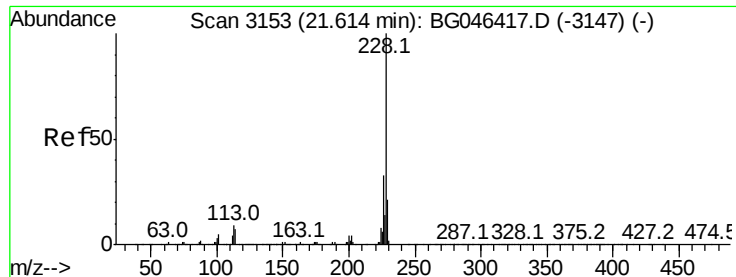
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	9.2	7.9	11.9



#21
Benzo(a)anthracene
Concen: 2.787 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.06 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	29.9	22.6	33.8





#22

Chrysene

Concen: 2.870 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

Instrument :

BNA_G

ClientSampleId :

BFMW9

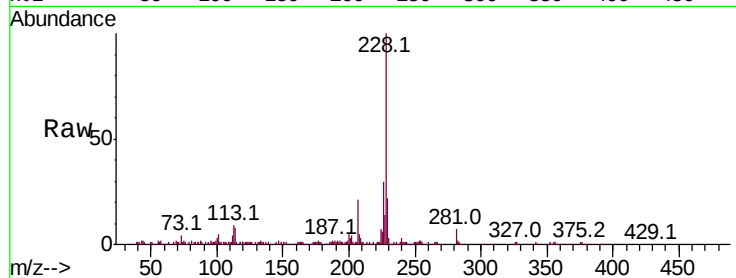
Tot Ion:228 Resp: 97990

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.5	38.3
229	22.4	17.0	25.4

228 100

226 29.9 25.5 38.3

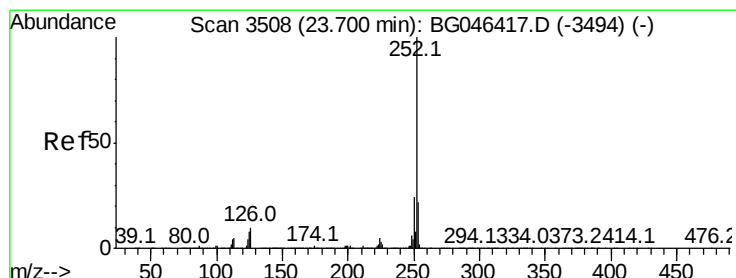
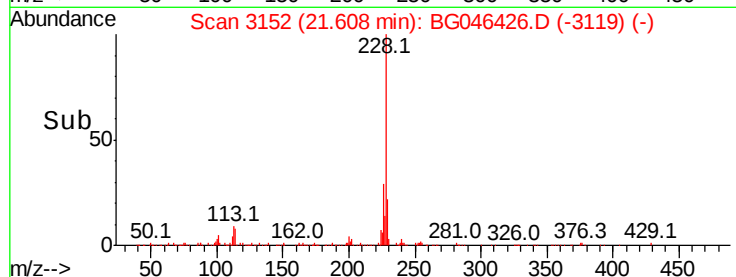
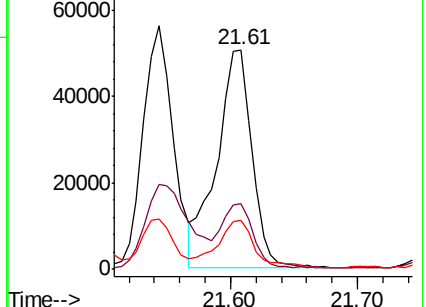
229 22.4 17.0 25.4



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: 4.016 ng/ul

RT: 23.69 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

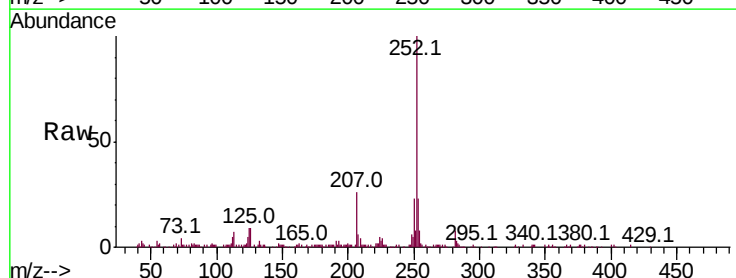
Tgt Ion:252 Resp: 145656

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.4	6.4	9.6

252 100

253 23.0 17.8 26.6

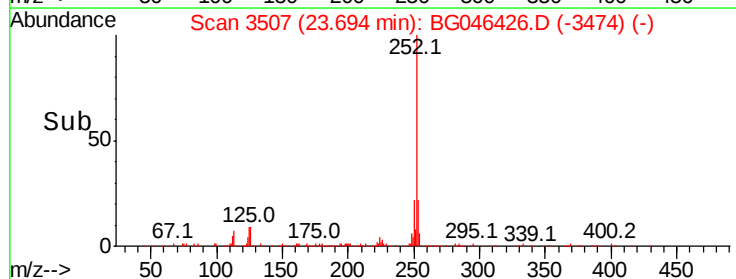
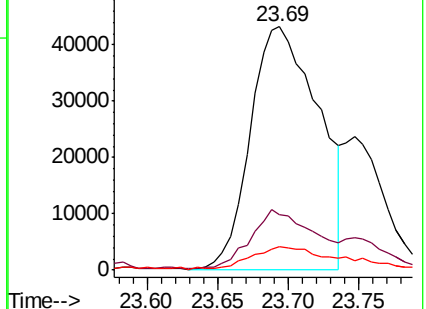
125 9.4 6.4 9.6

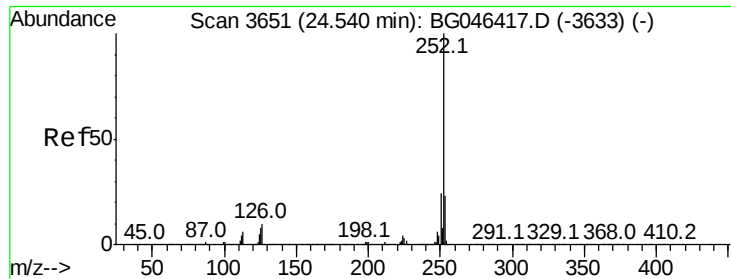


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 3.160 ng/ul

RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

Instrument :

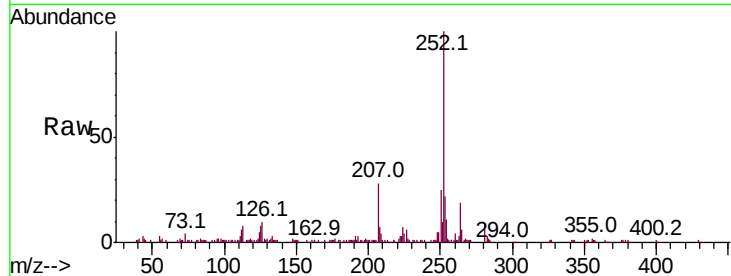
BNA_G

ClientSampleId :

BFMW9

Tot Ion:252 Resp: 105229

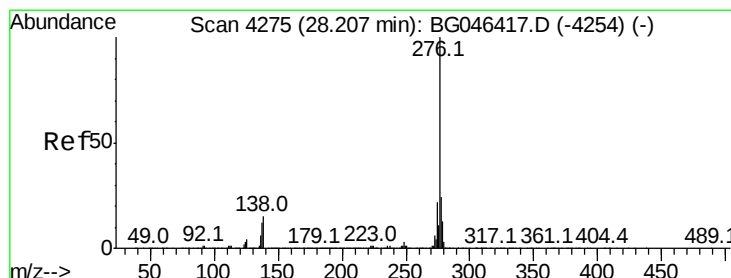
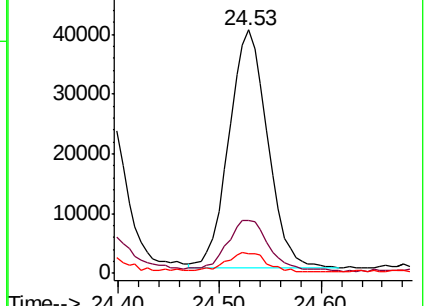
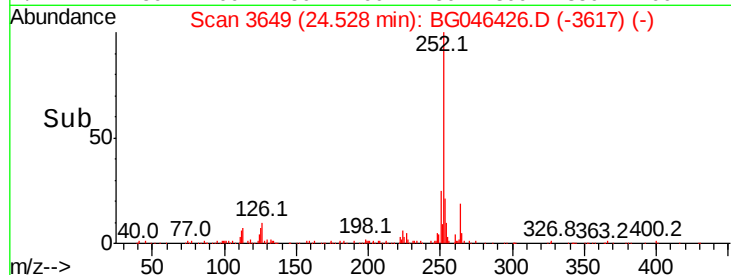
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.1	7.1	10.7



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.588 ng/ul

RT: 28.19 min Scan# 4272

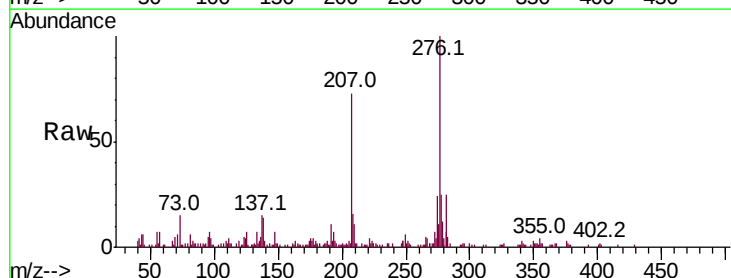
Delta R.T. -0.02 min

Lab File: BG046426.D

Acq: 21 Aug 2020 23:26

Tgt Ion:276 Resp: 66197

Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.2	19.8
277	24.8	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

