

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 :

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

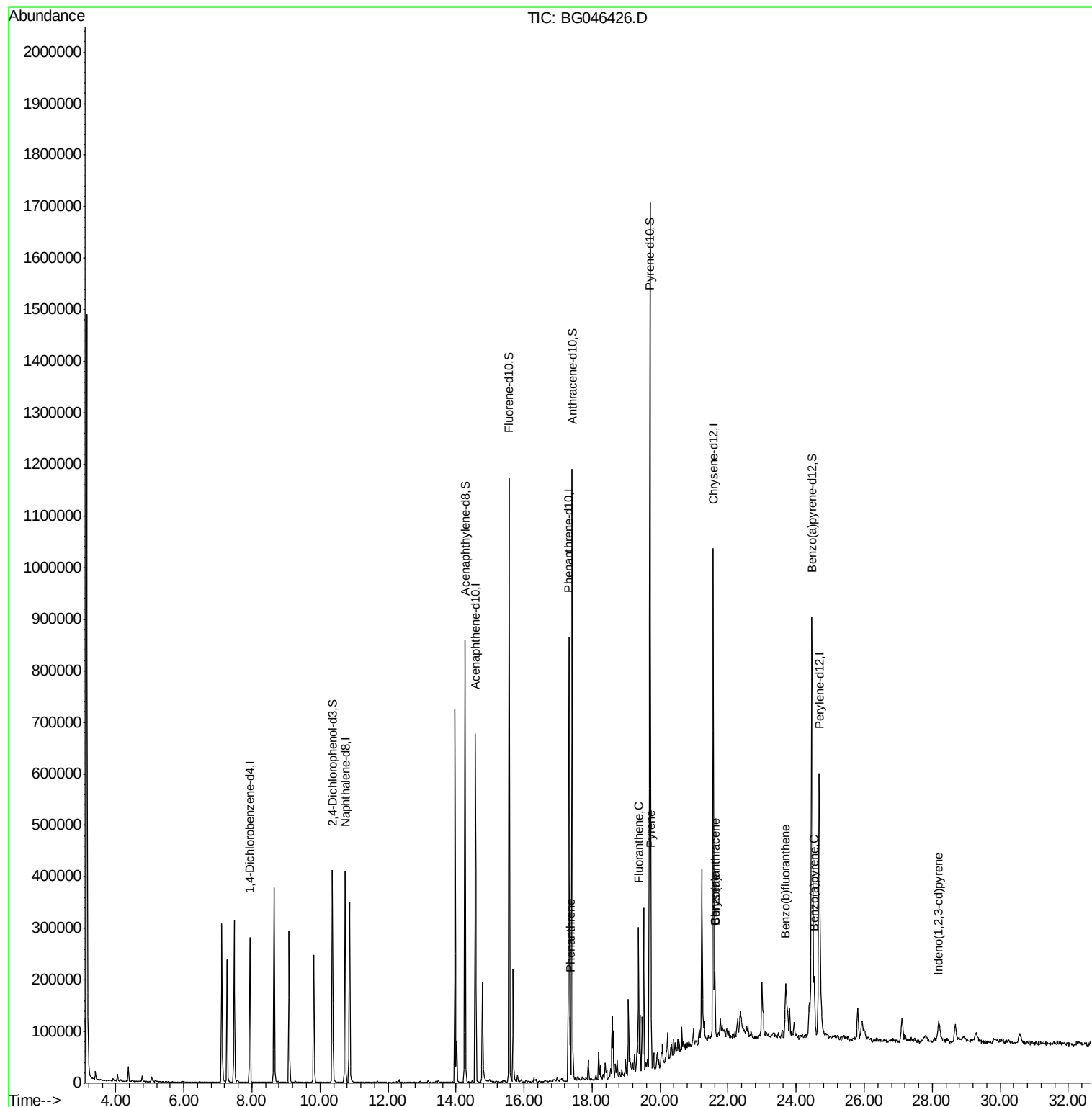
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	89176	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	370586	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	244228	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	543664	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	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

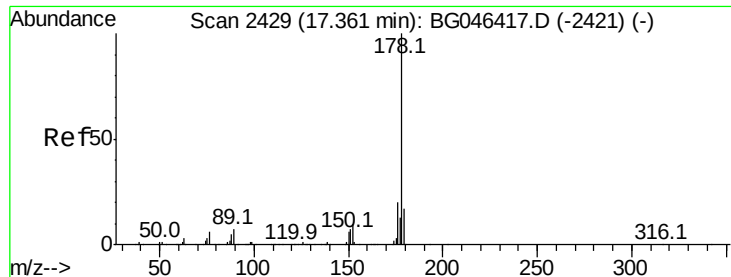
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Instrument :

BNA_G

ClientSampleId :

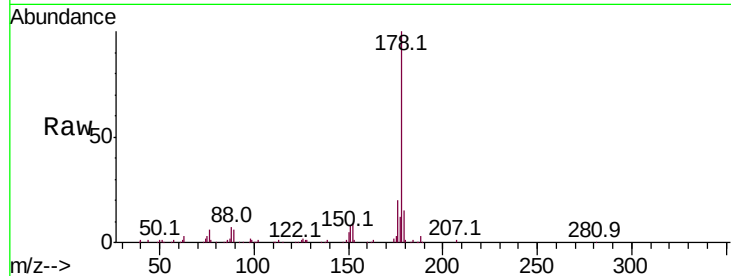
Tot Ion:178 Resp: 76205

Ion Ratio Lower Upper

178 100

179 14.8 12.8 19.2

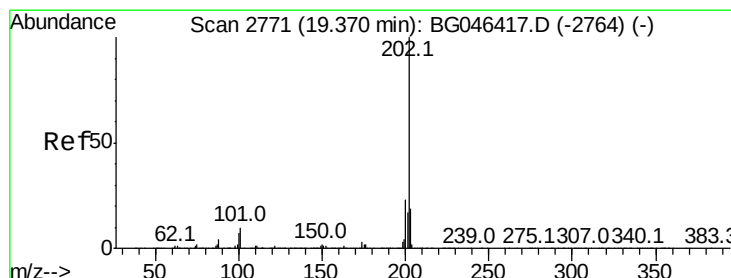
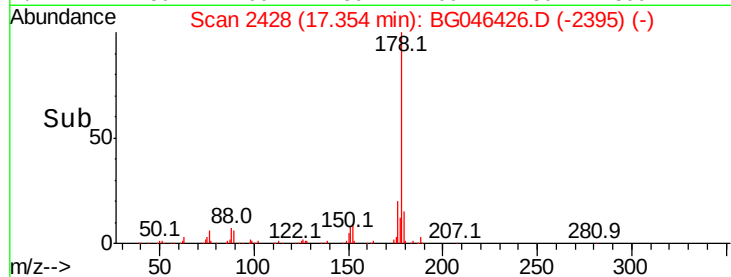
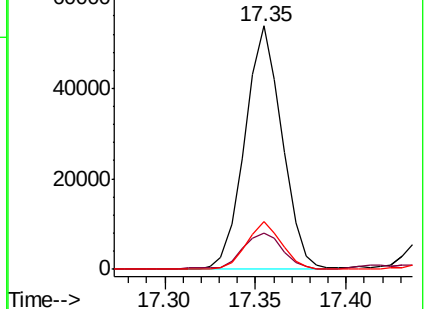
176 19.8 15.8 23.8



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

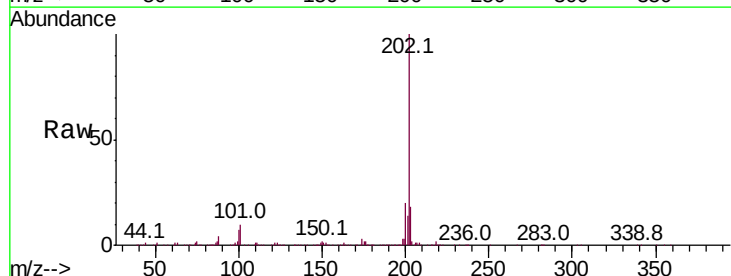
Tgt Ion:202 Resp: 175155

Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

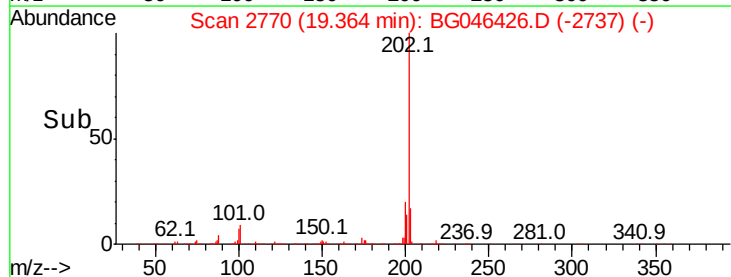
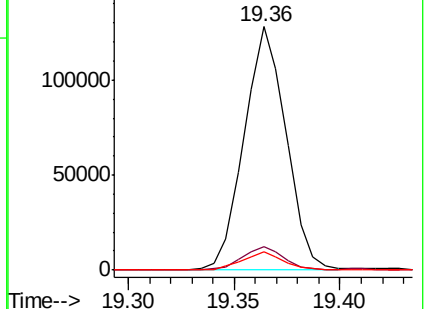
100 7.3 5.9 8.9

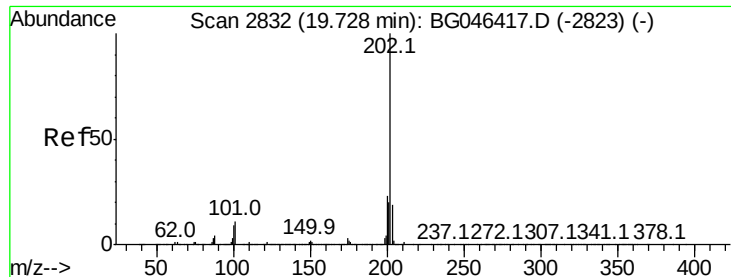


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

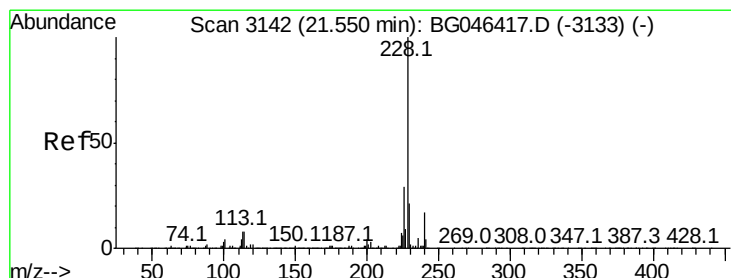
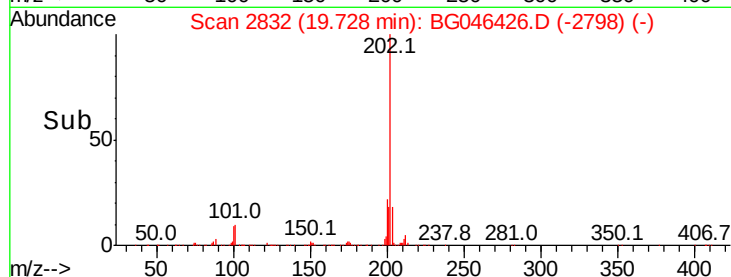
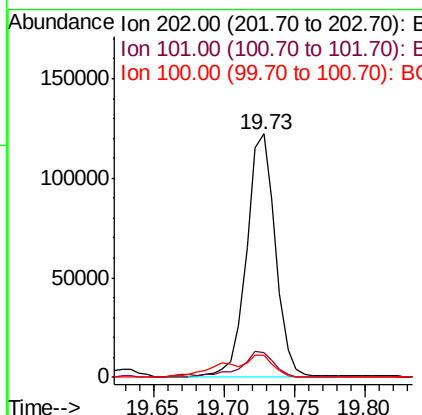
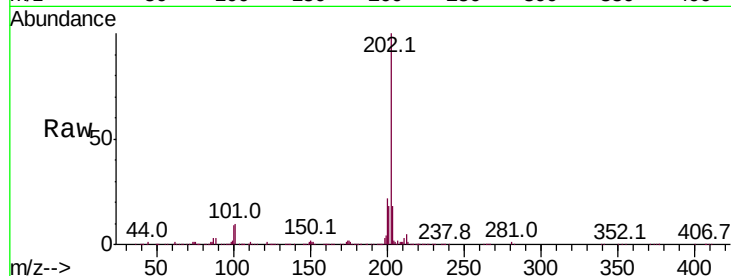




#20
 Pvrene
 Concen: 4.854 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG046426.D
 Acq: 21 Aug 2020 23:26

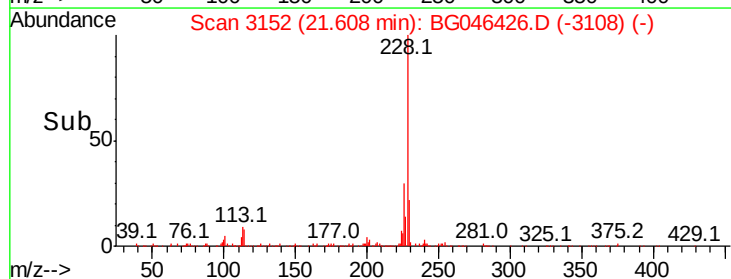
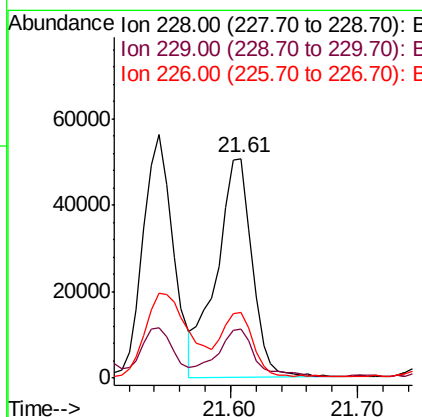
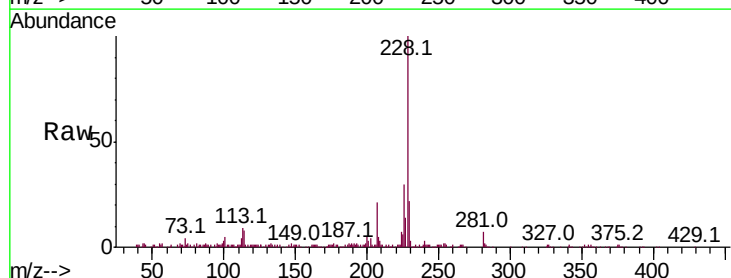
Instrument :
 BNA_G
 ClientSampleId :

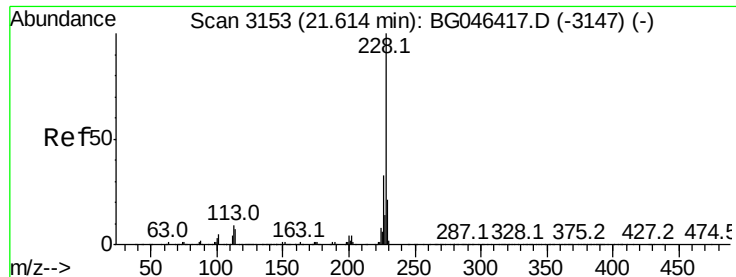
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	9.2	7.9	11.9



#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

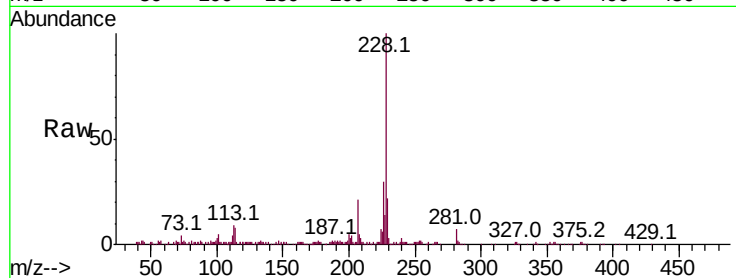
Instrument :

BNA_G

ClientSampleId :

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

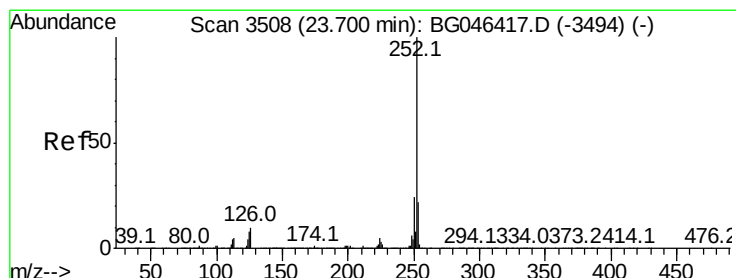
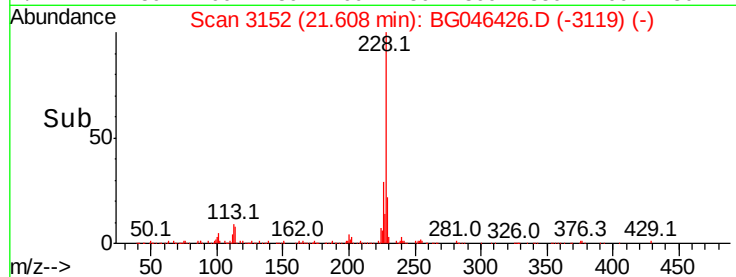
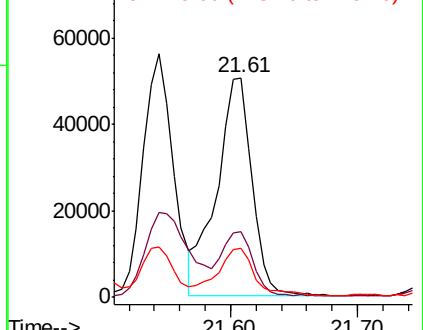


Abundance

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

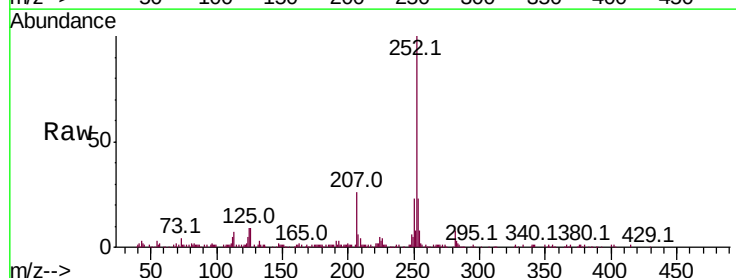
Delta R.T. -0.01 min

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

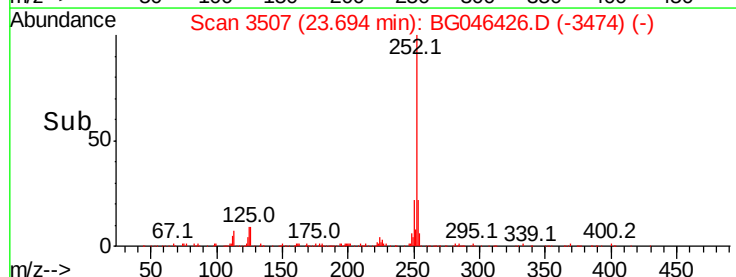
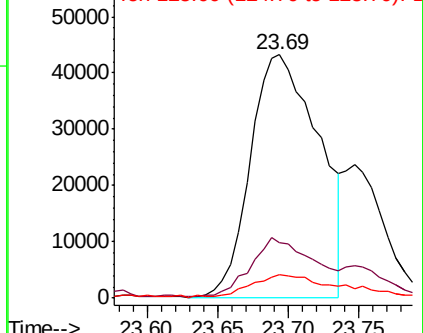


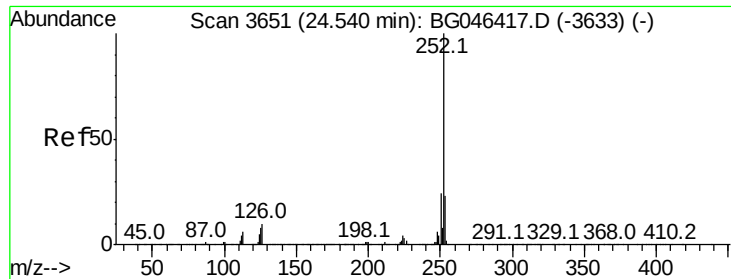
Abundance

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

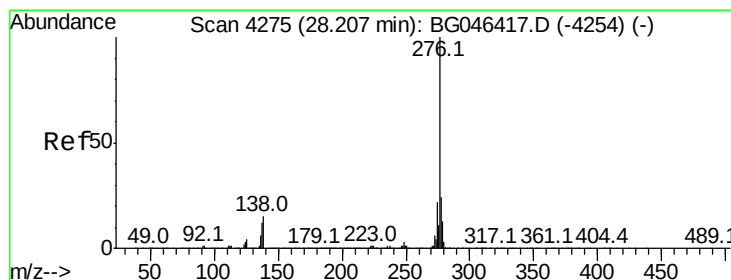
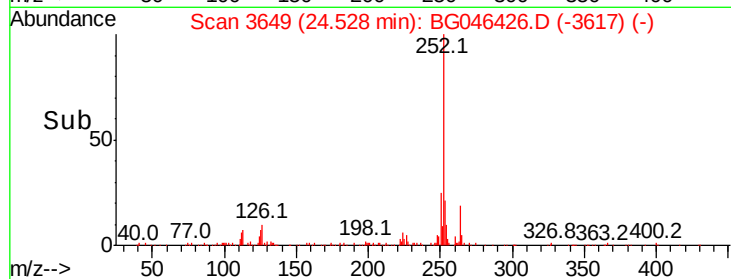
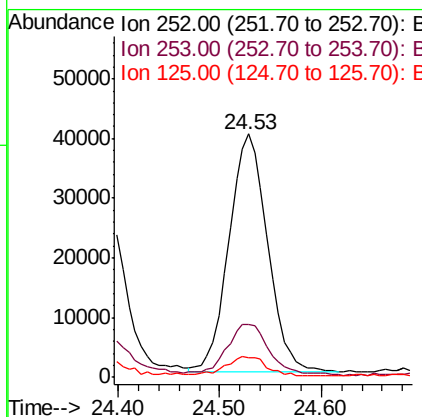
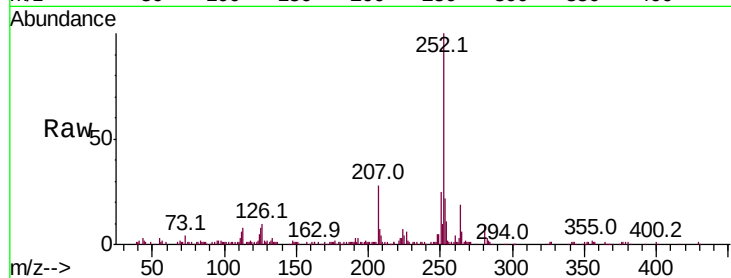




#27
Benzo(a)pyrene
Concen: 3.160 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046426.D
Acq: 21 Aug 2020 23:26

Instrument :
BNA_G
ClientSampleId :

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



#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

