

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046327.D
 Acq On : 18 Aug 2020 14:26
 Operator : CG/JU
 Sample : L3636-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMN8

Quant Time: Aug 18 15:49:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 13:50:19 2020
 Response via : Initial Calibration

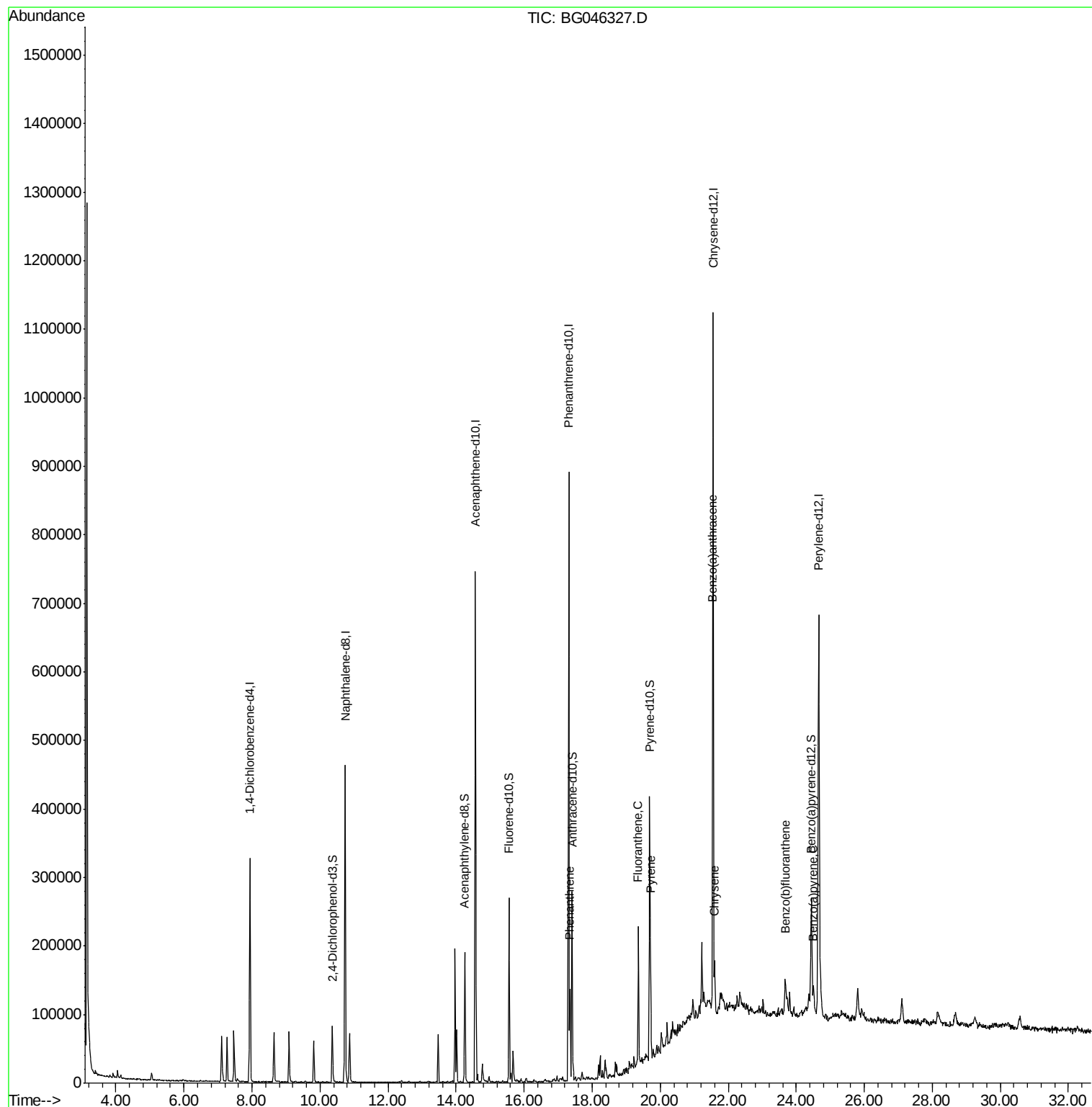
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	105394	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	423755	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	273306	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	599056	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	590296	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	626749	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	39332	5.39	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	147270	5.86	ng/ul	0.00
10) Fluorene-d10	15.56	176	118477	6.15	ng/ul	0.00
15) Anthracene-d10	17.41	188	168478	6.07	ng/ul	0.00
19) Pyrene-d10	19.69	212	187322	6.17	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	191240	5.59	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	90130	2.735	ng/ul	97
17) Fluoranthene	19.36	202	127302	3.464	ng/ul#	97
20) Pyrene	19.72	202	111107	2.867	ng/ul	98
21) Benzo(a)anthracene	21.54	228	58852	1.532	ng/ul	99
22) Chrysene	21.60	228	55719	1.501	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	68365	1.649	ng/ul	97
27) Benzo(a)pyrene	24.51	252	42101	1.106	ng/ul	94

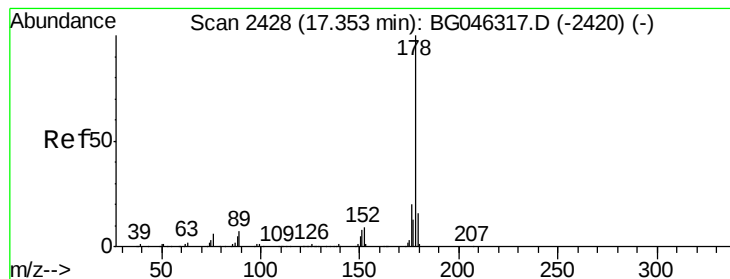
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.735 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG046327.D

Acq: 18 Aug 2020 14:26

Instrument :

BNA_G

ClientSampleId :

BFMN8

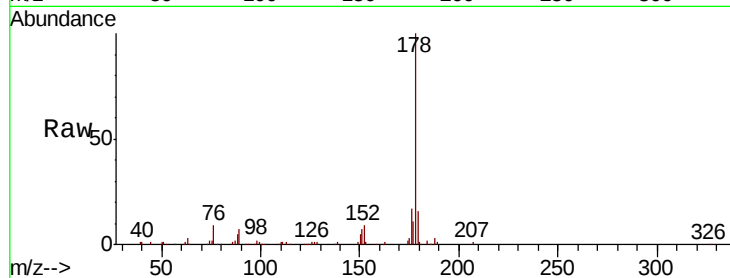
Tot Ion:178 Resp: 90130

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

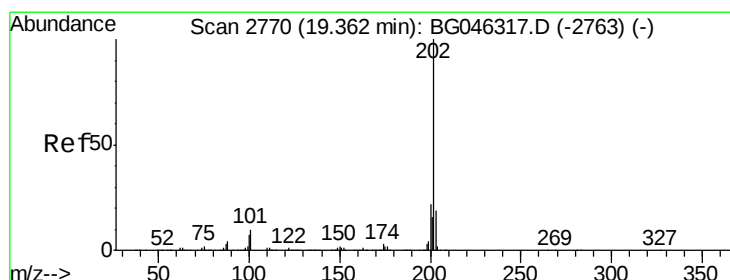
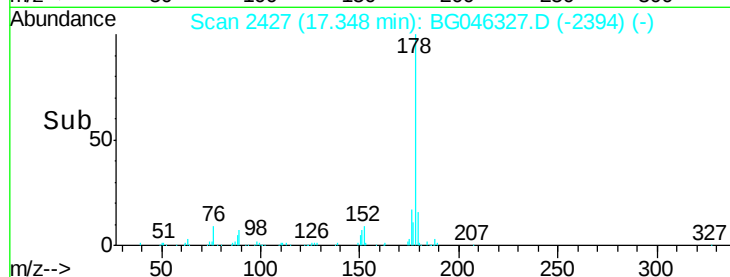
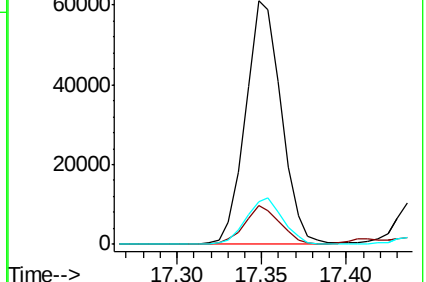
176 17.4 15.8 23.8



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: 3.464 ng/ul

RT: 19.36 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG046327.D

Acq: 18 Aug 2020 14:26

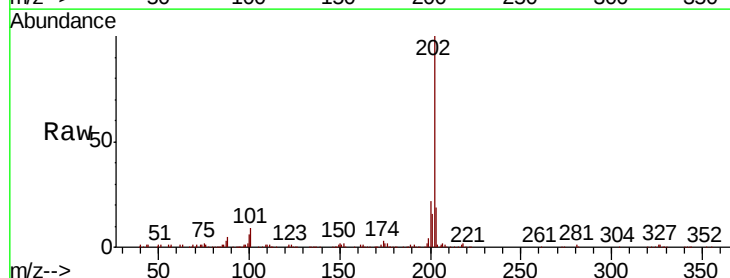
Tgt Ion:202 Resp: 127302

Ion Ratio Lower Upper

202 100

101 9.0 7.8 11.6

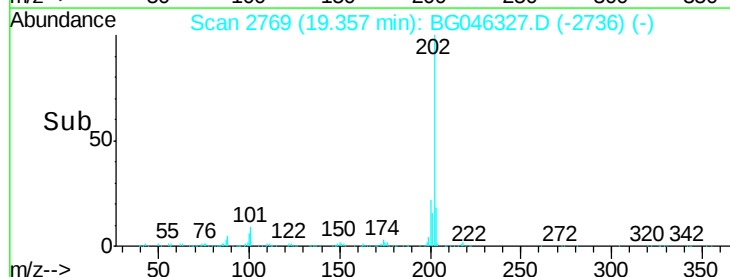
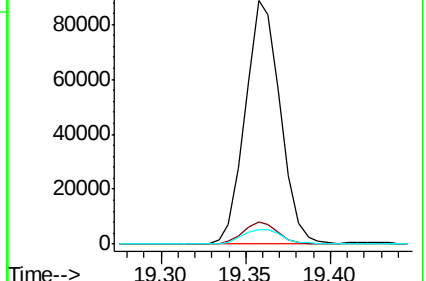
100 5.9 5.9 8.9#

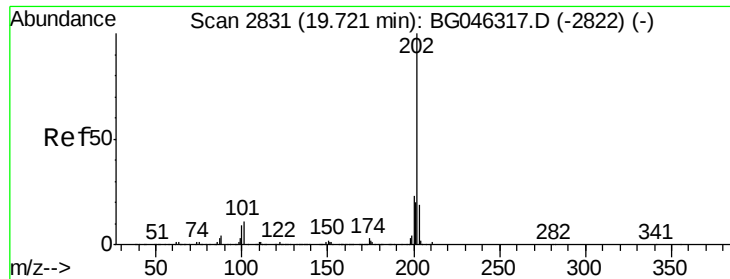


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

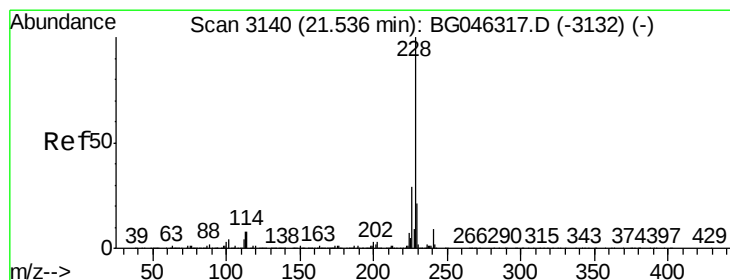
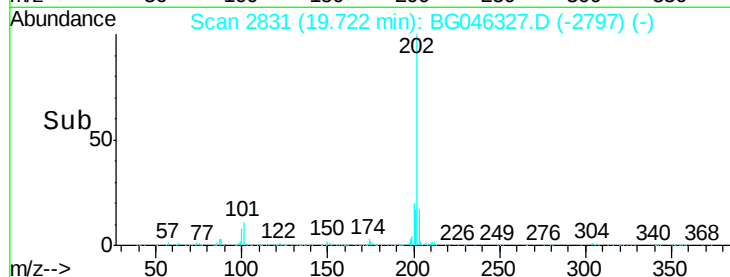
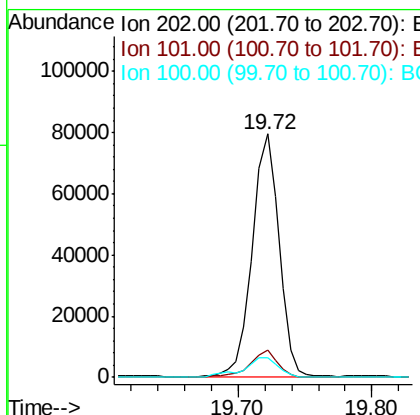
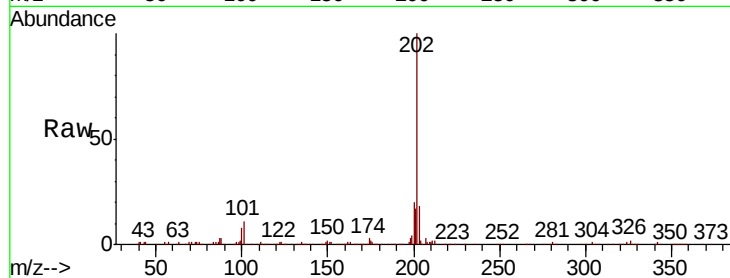




#20
Pvrene
Concen: 2.867 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046327.D
Acq: 18 Aug 2020 14:26

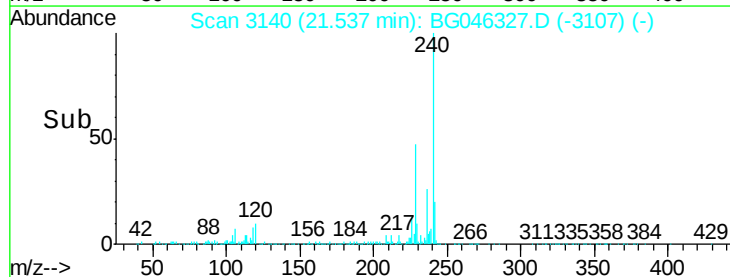
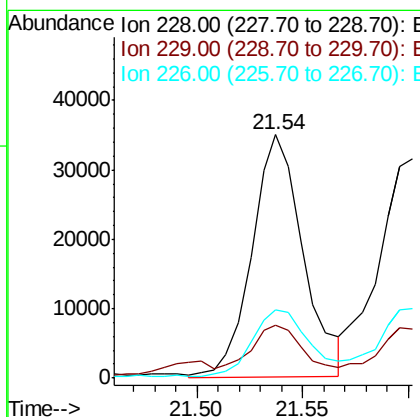
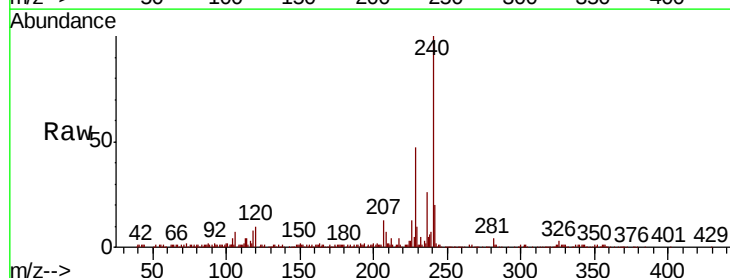
Instrument :
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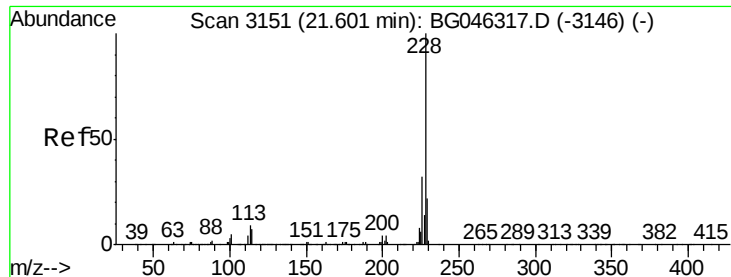
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	8.3	7.9	11.9



#21
Benzo(a)anthracene
Concen: 1.532 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046327.D
Acq: 18 Aug 2020 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	28.3	22.6	33.8





#22

Chrysene

Concen: 1.501 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046327.D

Acq: 18 Aug 2020 14:26

Instrument :

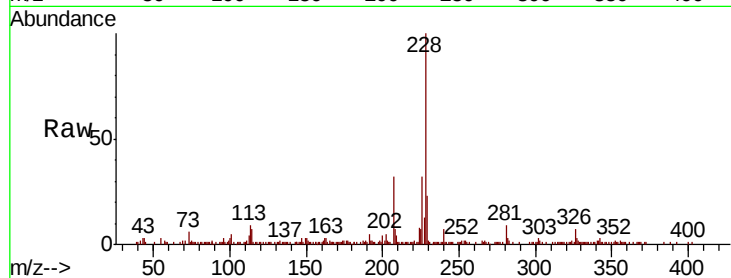
BNA_G

ClientSampleId :

BFMN8

Tot Ion:228 Resp: 55719

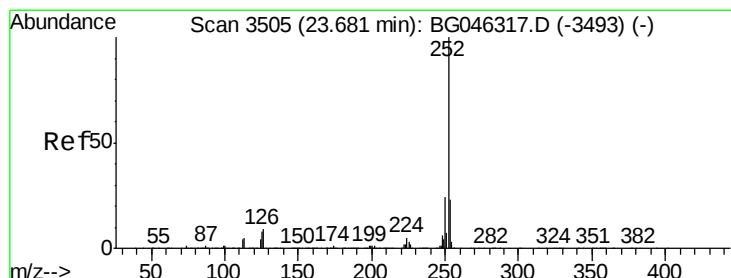
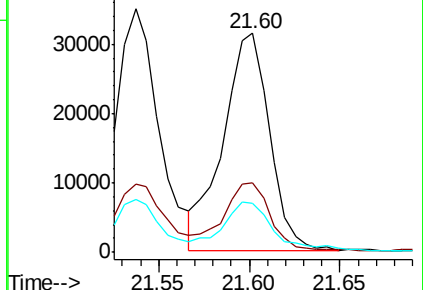
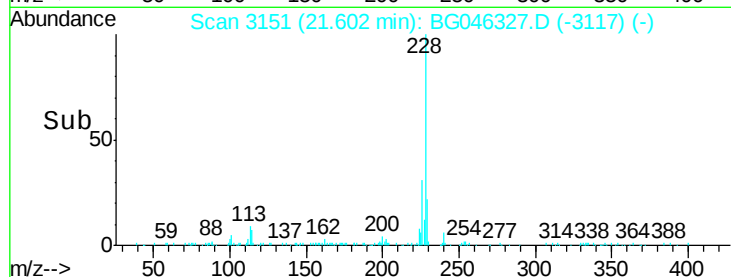
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	22.5	17.0	25.4



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: 1.649 ng/ul

RT: 23.68 min Scan# 3505

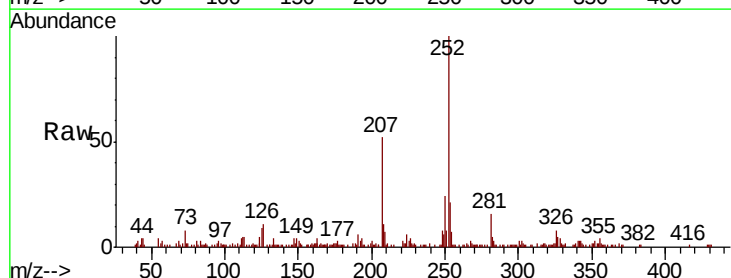
Delta R.T. -0.00 min

Lab File: BG046327.D

Acq: 18 Aug 2020 14:26

Tgt Ion:252 Resp: 68365

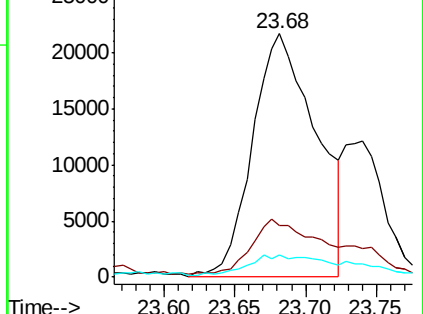
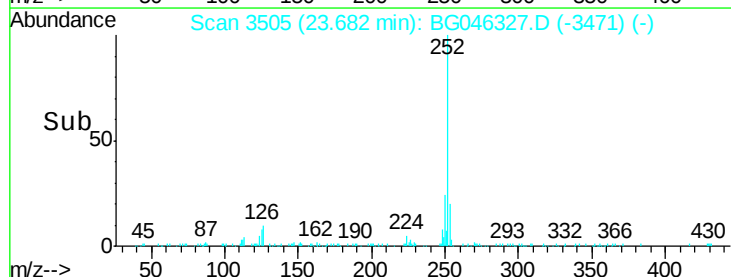
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	9.4	6.4	9.6

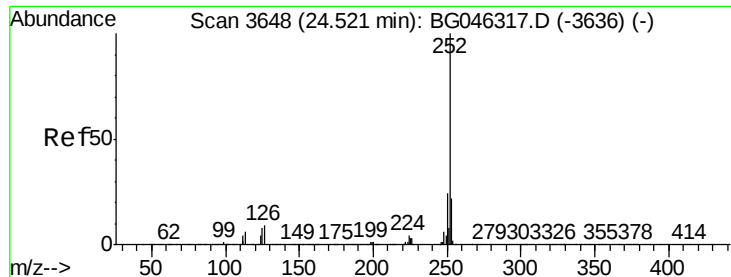


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 1.106 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046327.D

Acq: 18 Aug 2020 14:26

Instrument :

BNA_G

ClientSampleId :

BFMN8

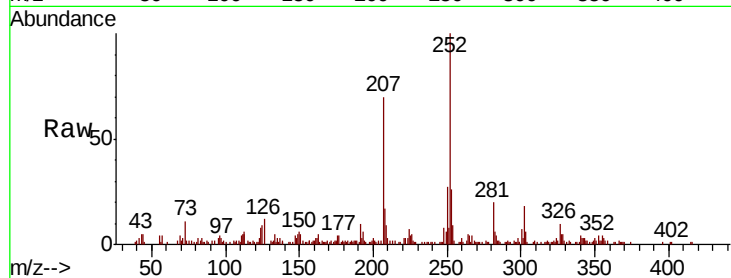
Tot Ion:252 Resp: 42101

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.8

125 8.5 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

