

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046968.D
 Acq On : 18 Oct 2020 10:26
 Operator : CG/JU
 Sample : L4201-13
 Misc : GCMS CONFIRMATION
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

Quant Time: Oct 19 05:03:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 04:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	250315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	172256	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	349462	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	351825	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	348554	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.45	67	122	0.04	ng/ul	0.07
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.89	131	60	0.01	ng/ul	-0.12
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	349462	20.65	ng/ul	-0.10
79) Pyrene-d10	19.81	212	56	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	230	0.01	ng/ul	0.02

Target Compounds

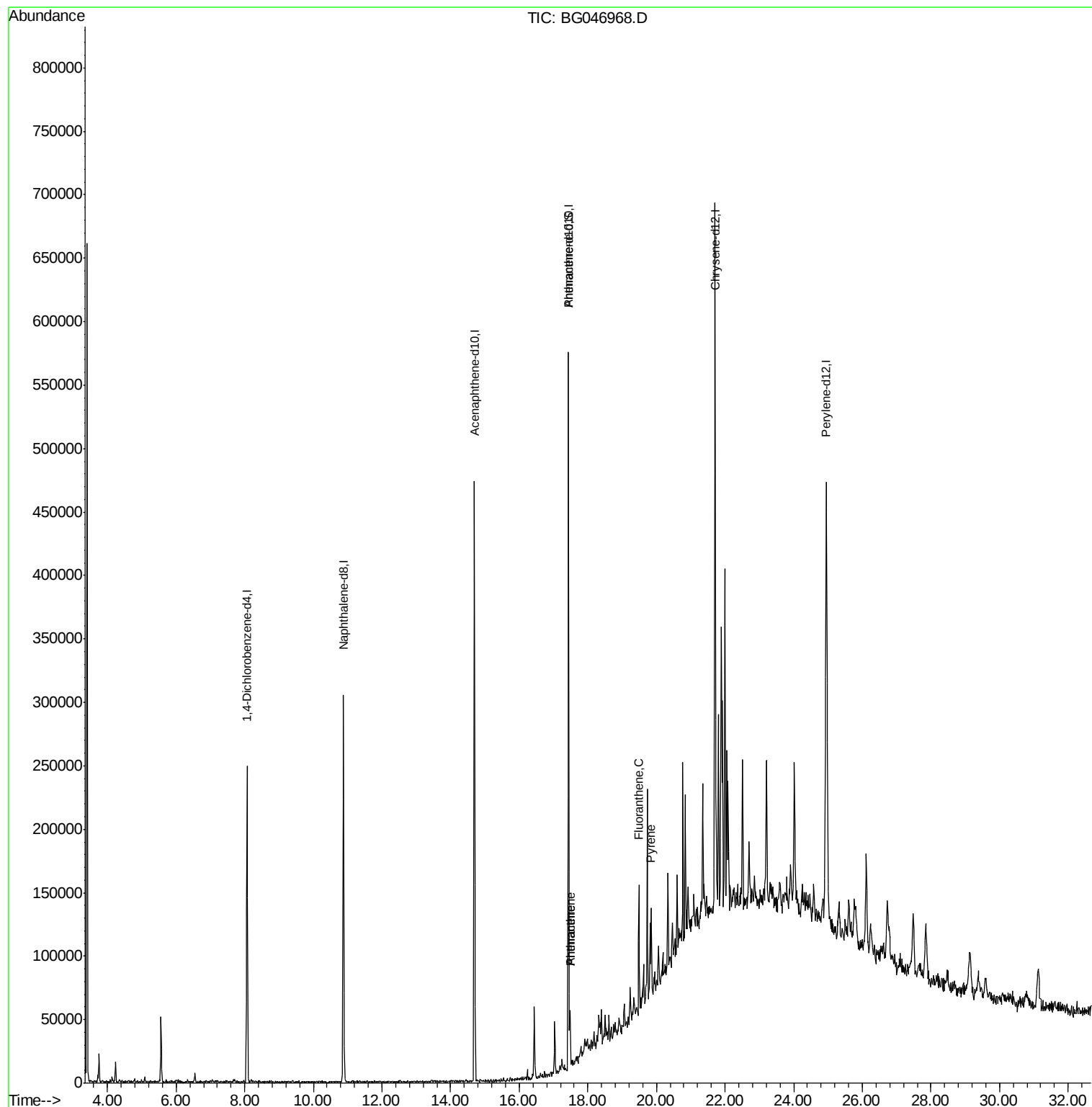
				Ovalue	
70) Phenanthrene	17.48	178	30035	1.502	ng/ul 96
72) Anthracene	17.48	178	30035	1.487	ng/ul 98
77) Fluoranthene	19.49	202	57184	2.342	ng/ul 97
80) Pyrene	19.85	202	29610	1.244	ng/ul 97

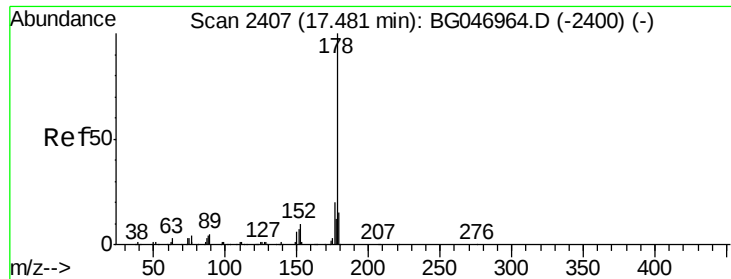
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.502 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG046968.D

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Instrument :

BNA_G

ClientSampleId :

C0AP3

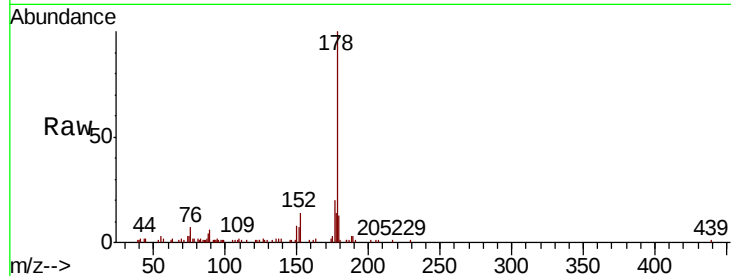
Tot Ion:178 Resp: 30035

Ion Ratio Lower Upper

178 100

179 13.4 12.5 18.7

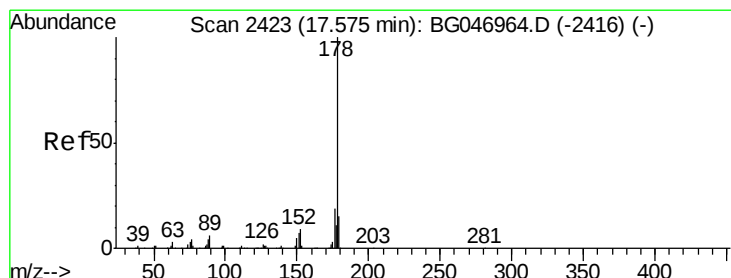
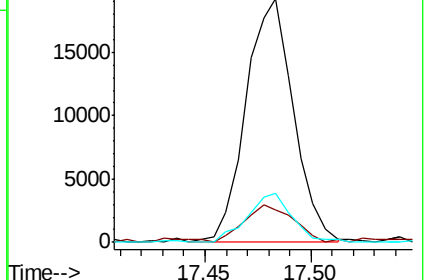
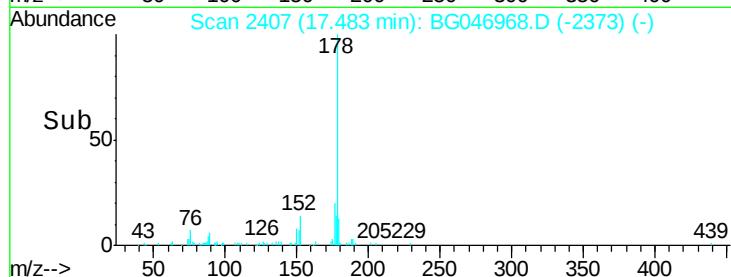
176 20.3 15.0 22.4



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



#72

Anthracene

Concen: 1.487 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.09 min

Lab File: BG046968.D

Acq: 18 Oct 2020 10:26

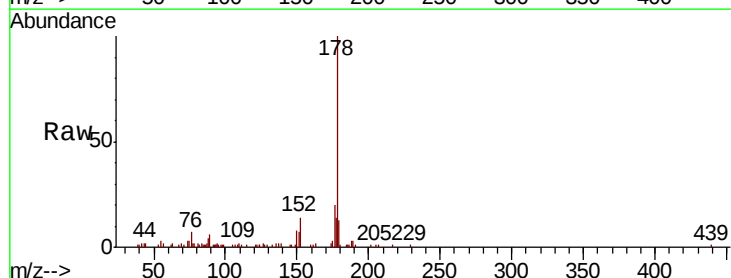
Tgt Ion:178 Resp: 30035

Ion Ratio Lower Upper

178 100

179 13.4 12.2 18.4

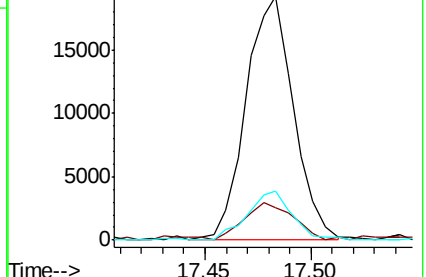
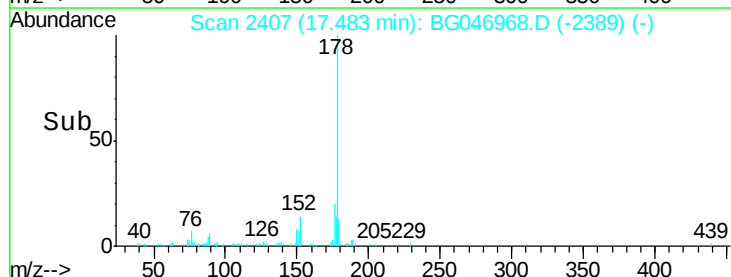
176 20.3 16.2 24.4

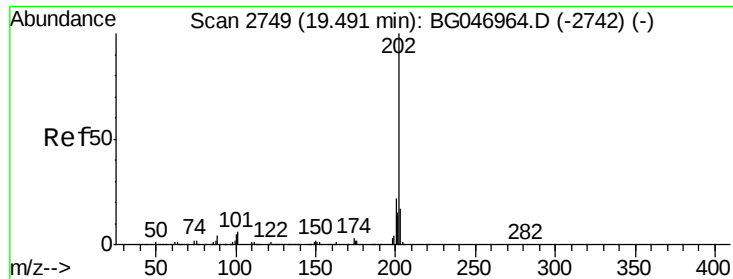


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

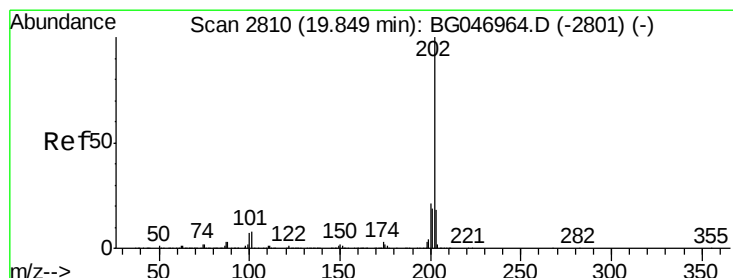
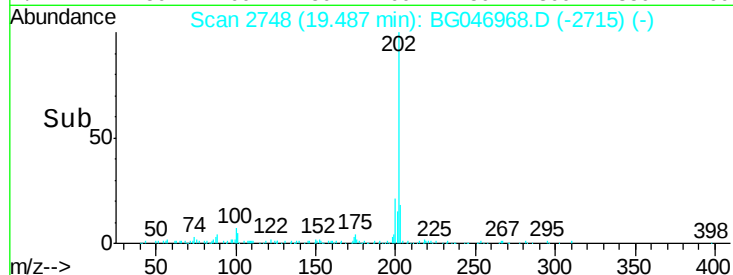
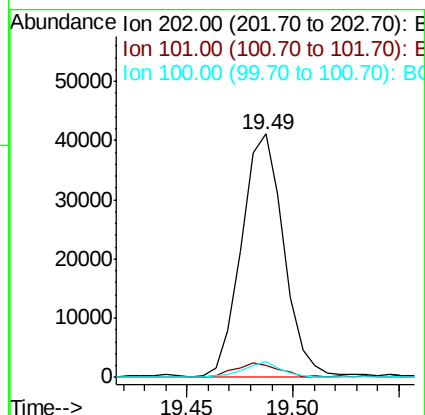
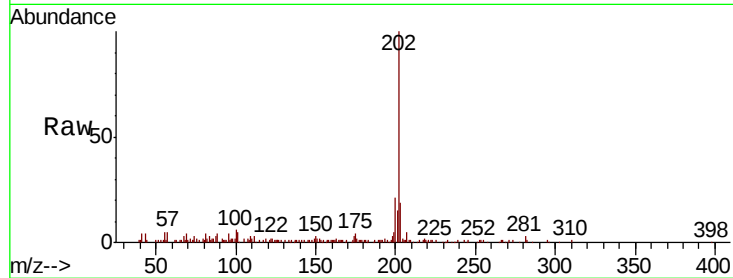




#77
Fluoranthene
 Concen: 2.342 ng/ul
 RT: 19.49 min Scan# 2748
 Delta R.T. -0.00 min
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Tot Ion:	202	Resp:	57184
Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.9	7.3
100	6.5	4.6	6.8



#80
Pyrene
 Concen: 1.244 ng/ul
 RT: 19.85 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BG046968.D
 Acq: 18 Oct 2020 10:26

Tgt Ion:	202	Resp:	29610
Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.5	9.7
100	7.1	5.2	7.8

