

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046974.D
 Acq On : 18 Oct 2020 14:28
 Operator : CG/JU
 Sample : L4402-02
 Misc : GCMS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB5

Quant Time: Oct 19 05:03:50 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	8.06	152	80672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	318308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	211995	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	417644	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	457864	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	448262	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	0.00	67	0	0.00	ng/ul	
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	247	0.04	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	417644	20.65	ng/ul	-0.10
79) Pyrene-d10	19.76	212	157	0.01	ng/ul	-0.06
90) Benzo(a)pyrene-d12	24.61	264	142	0.01	ng/ul	-0.12

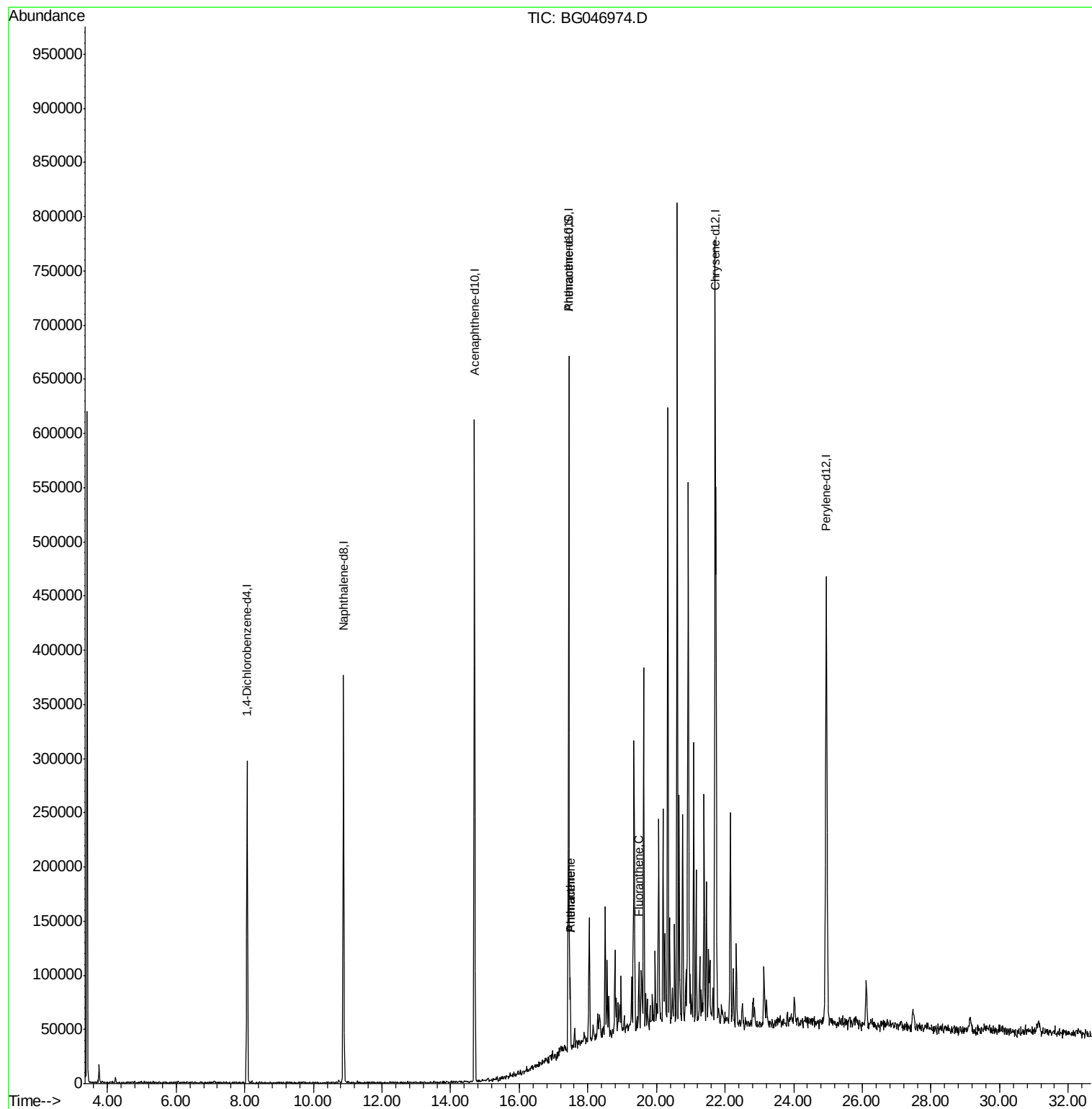
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
70) Phenanthrene	17.48	178	40110	1.678	ng/ul	98
72) Anthracene	17.48	178	40110	1.662	ng/ul	99
77) Fluoranthene	19.49	202	37563	1.287	ng/ul#	96

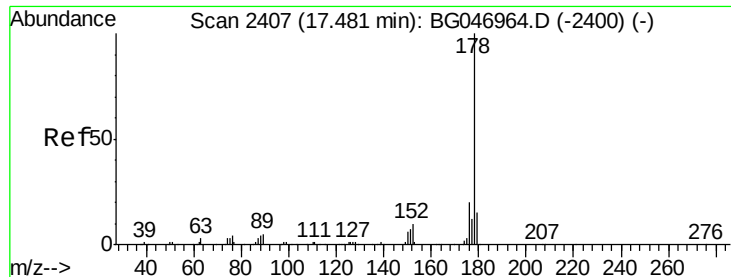
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.678 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG046974.D

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Instrument :

BNA_G

ClientSampleId :

C0AB5

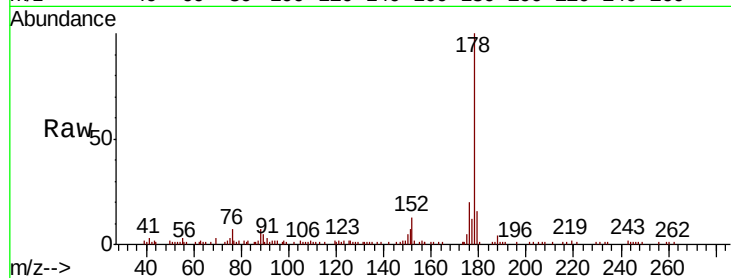
Tot Ion:178 Resp: 40110

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

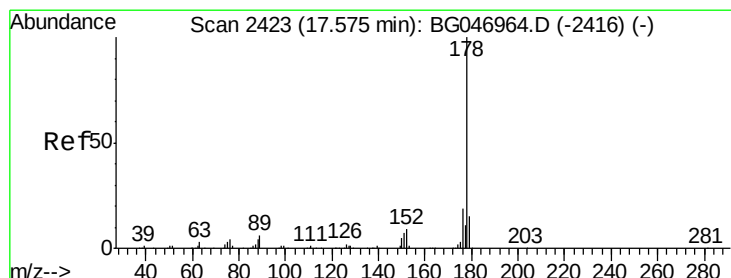
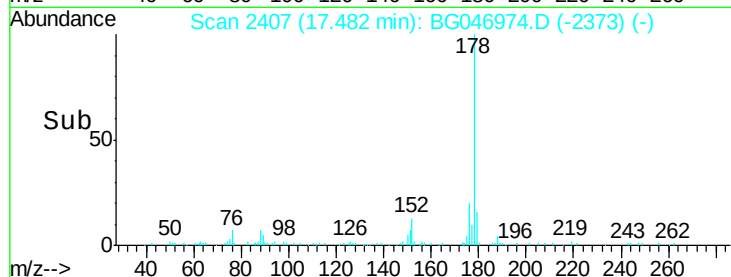
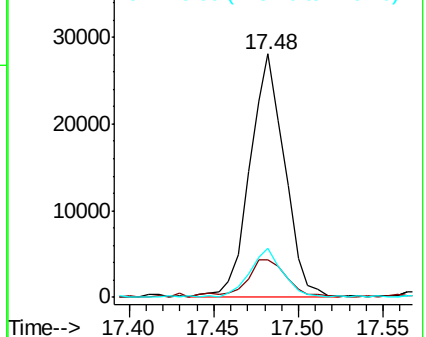
176 20.0 15.0 22.4



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: 1.662 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.09 min

Lab File: BG046974.D

Acq: 18 Oct 2020 14:28

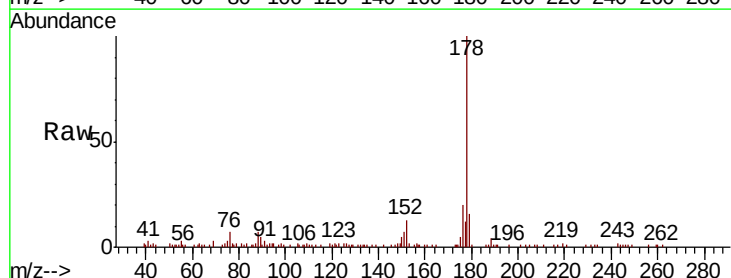
Tgt Ion:178 Resp: 40110

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

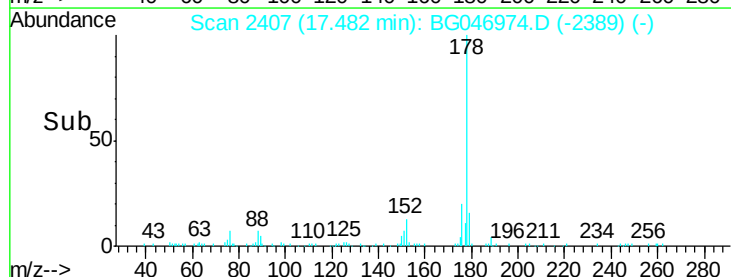
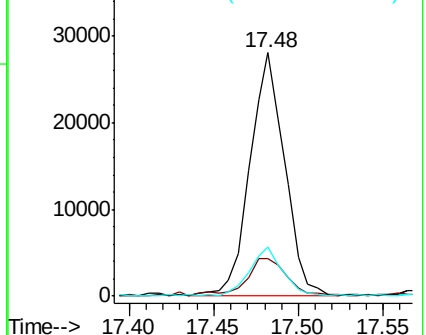
176 20.0 16.2 24.4

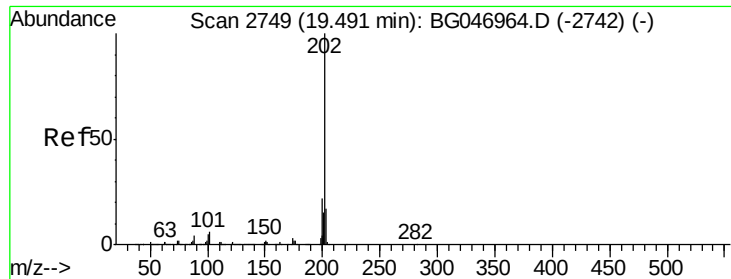


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 1.287 ng/ul

RT: 19.49 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG046974.D

Acq: 18 Oct 2020 14:28

Instrument :

BNA_G

ClientSampleId :

C0AB5

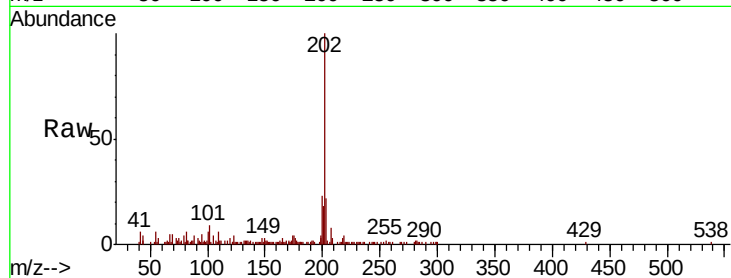
Tot Ion:202 Resp: 37563

Ion Ratio Lower Upper

202 100

101 8.6 4.9 7.3#

100 5.7 4.6 6.8



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

