

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046973.D
 Acq On : 18 Oct 2020 13:47
 Operator : CG/JU
 Sample : L4402-01
 Misc : GCMS CONFIRMATION
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

Quant Time: Oct 19 05:03:42 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	80417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	307736	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	209913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	437573	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	454769	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	457378	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	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	10.88	131	78	0.01	ng/ul	-0.13
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	437573	20.65	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

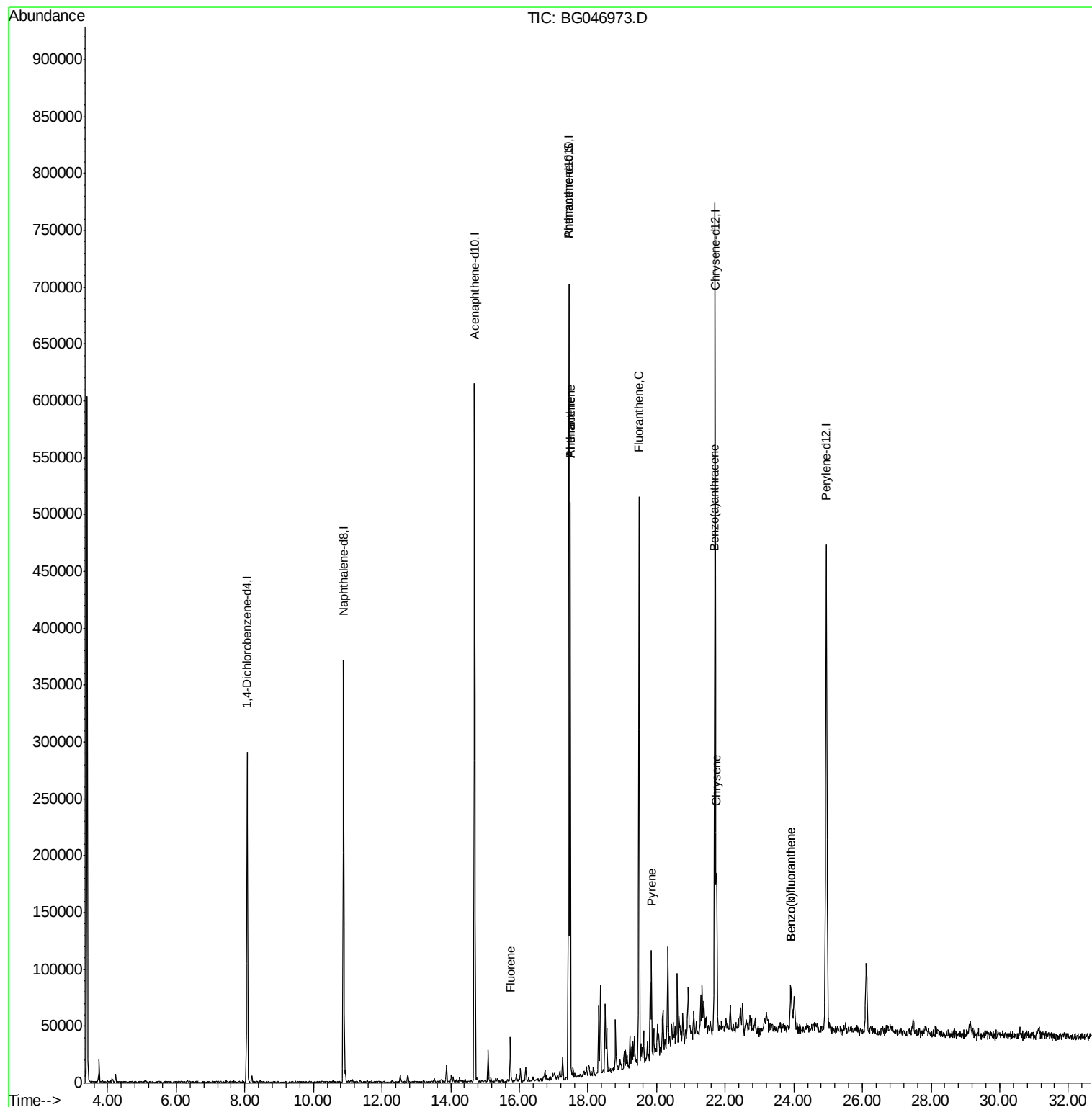
					Ovalue	
59) Fluorene	15.74	166	18117	1.055	ng/ul	91
70) Phenanthrene	17.48	178	319597	12.764	ng/ul	99
72) Anthracene	17.48	178	319597	12.637	ng/ul	99
77) Fluoranthene	19.48	202	316706	10.358	ng/ul	98
80) Pyrene	19.85	202	61593	2.001	ng/ul	100
83) Benzo(a)anthracene	21.69	228	73266	2.334	ng/ul	97
85) Chrysene	21.75	228	113525	3.749	ng/ul	99
88) Benzo(b)fluoranthene	23.91	252	44867	1.414	ng/ul	97
89) Benzo(k)fluoranthene	23.91	252	44867	1.466	ng/ul	98

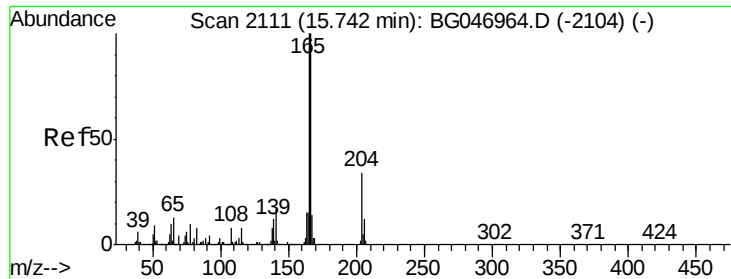
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

Fluorene

Concen: 1.055 ng/ul

RT: 15.74 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

Instrument :

BNA_G

ClientSampleId :

C0AB4

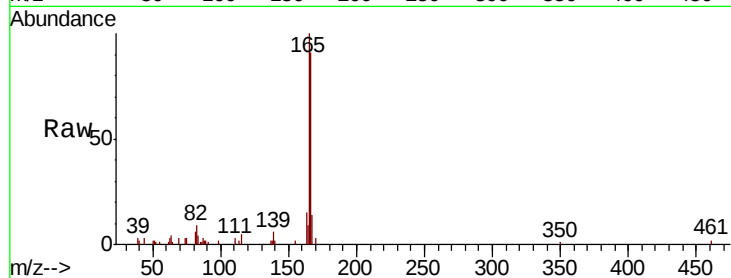
Tot Ion:166 Resp: 18117

Ion Ratio Lower Upper

166 100

165 110.4 80.4 120.6

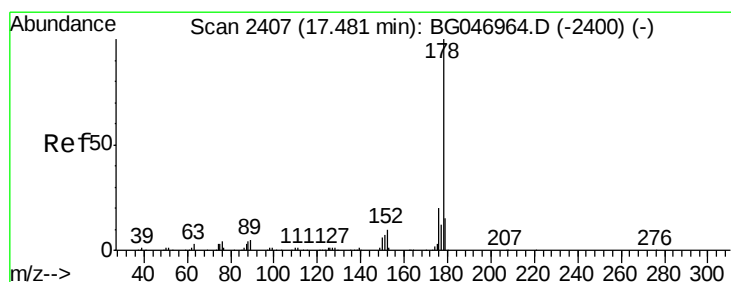
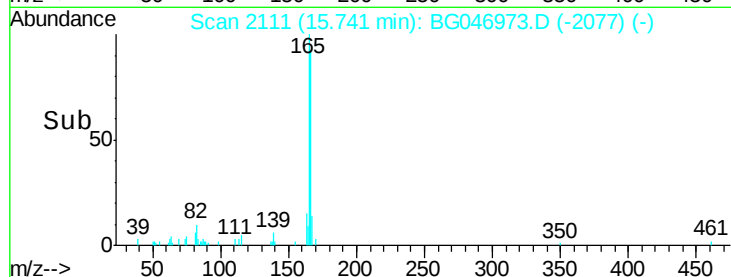
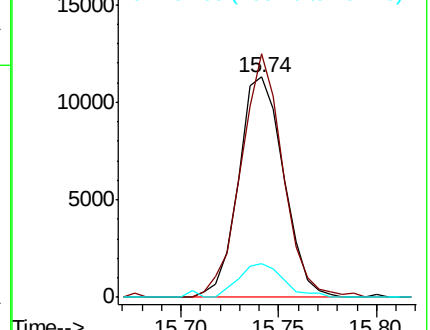
167 15.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 12.764 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

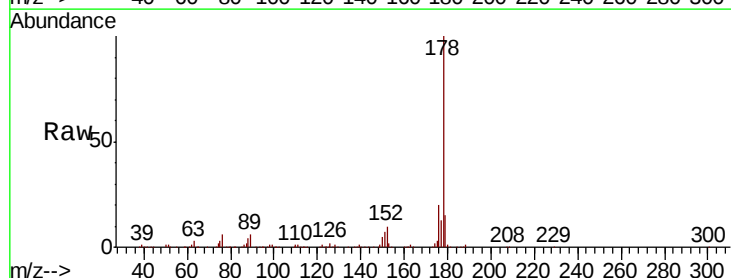
Tgt Ion:178 Resp: 319597

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

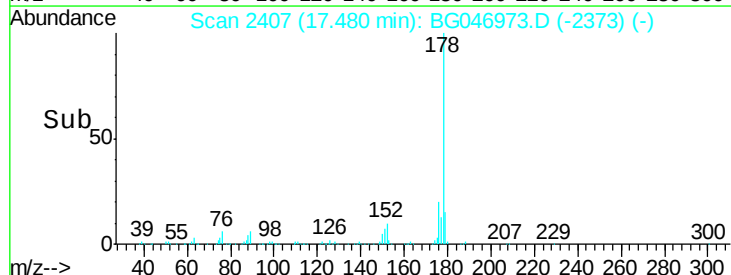
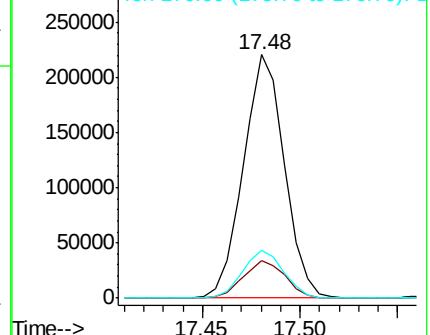
176 19.7 15.0 22.4

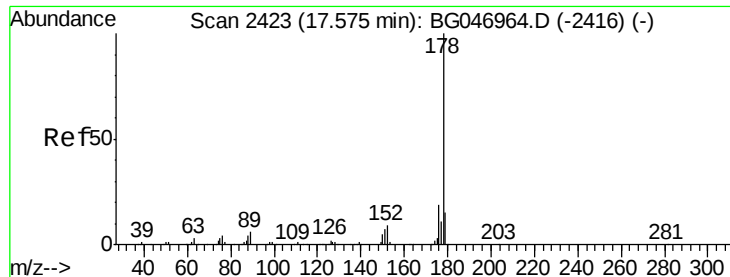


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 12.637 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.09 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

Instrument :

BNA_G

ClientSampleId :

C0AB4

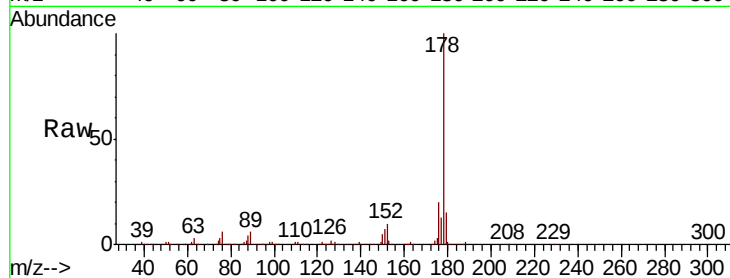
Tot Ion:178 Resp: 319597

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

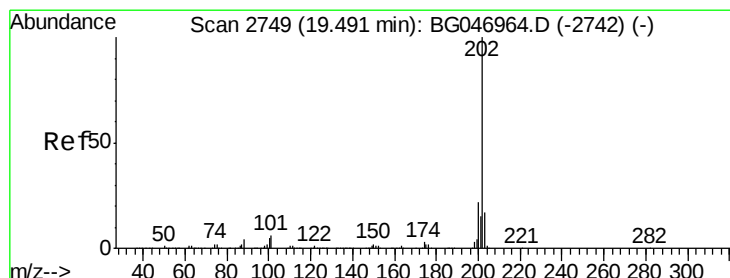
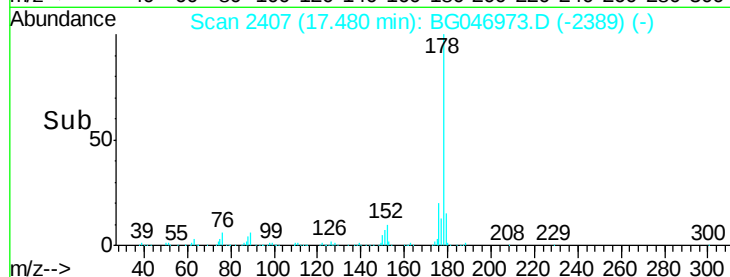
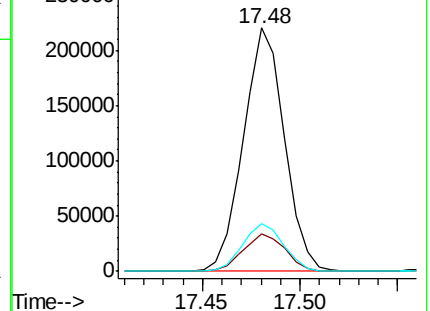
176 19.7 16.2 24.4



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: 10.358 ng/ul

RT: 19.48 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

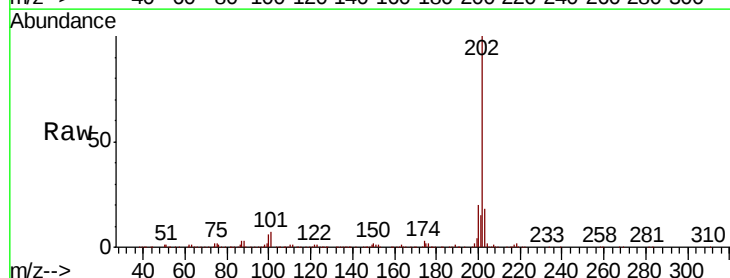
Tgt Ion:202 Resp: 316706

Ion Ratio Lower Upper

202 100

101 7.0 4.9 7.3

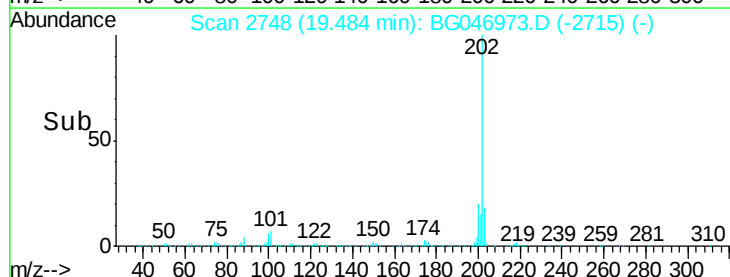
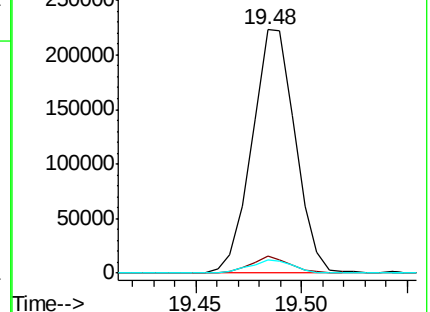
100 5.5 4.6 6.8

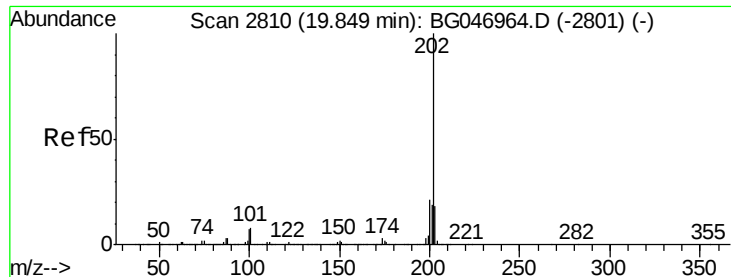


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

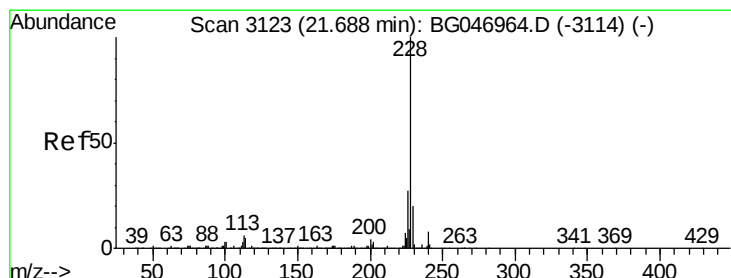
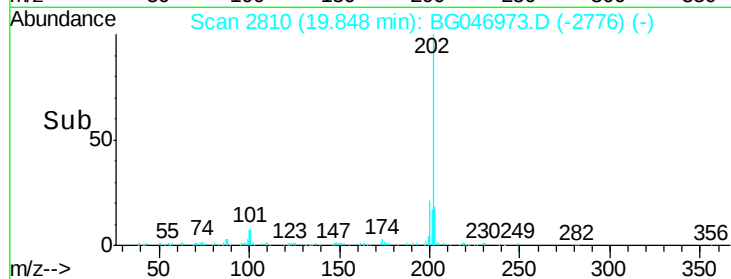
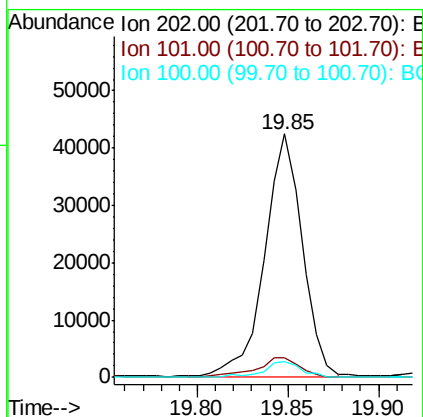
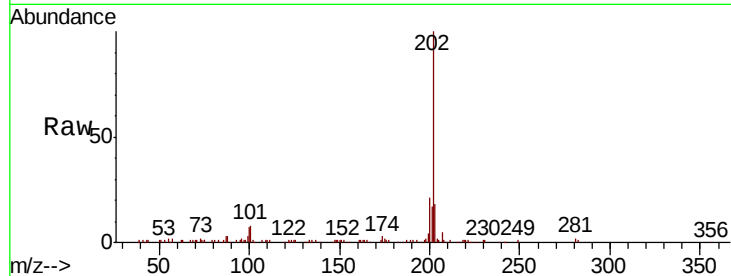




#80
Pvrene
Concen: 2.001 ng/ul
RT: 19.85 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG046973.D
Acq: 18 Oct 2020 13:47

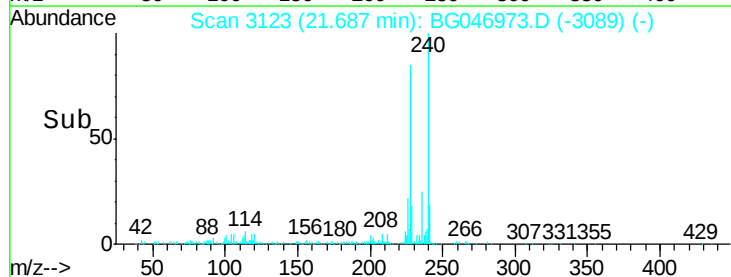
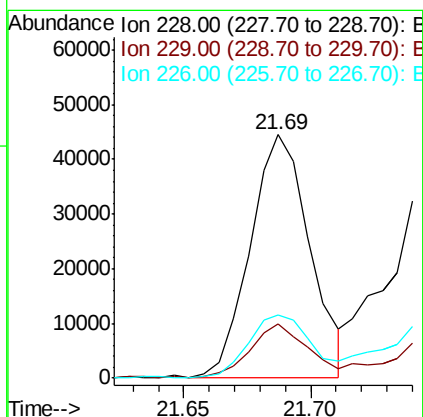
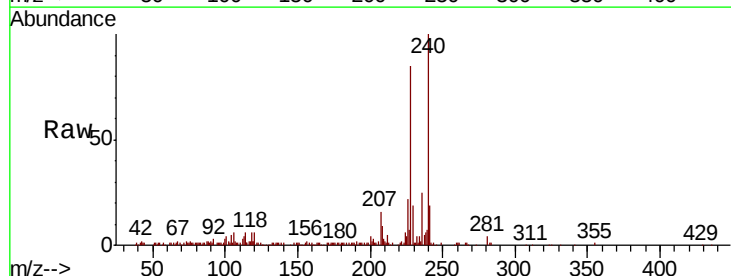
Instrument :
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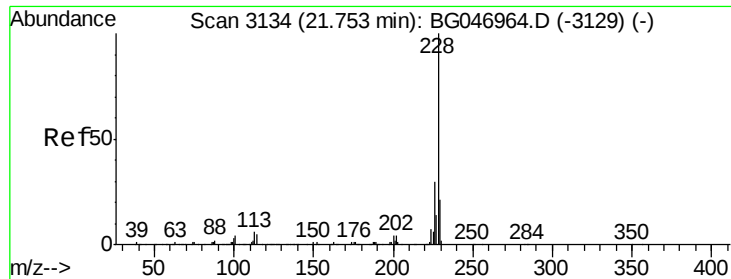
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.5	9.7
100	6.6	5.2	7.8



#83
Benzo(a)anthracene
Concen: 2.334 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG046973.D
Acq: 18 Oct 2020 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	26.1	21.6	32.4





#85

Chrysene

Concen: 3.749 ng/ul

RT: 21.75 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

Instrument :

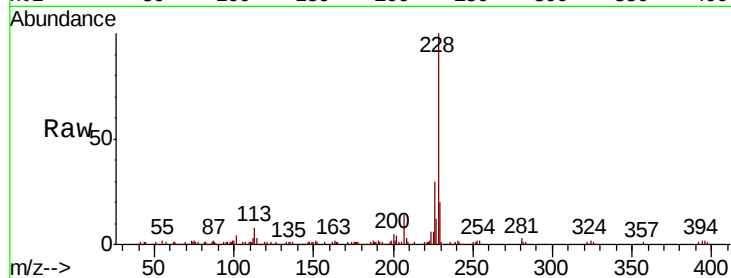
BNA_G

ClientSampleId :

C0AB4

Tot Ion:228 Resp: 113525

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.6	15.6	23.4

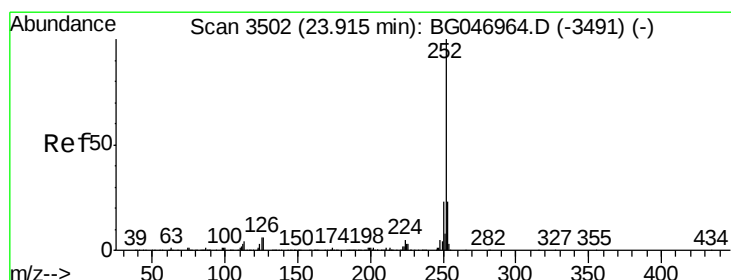
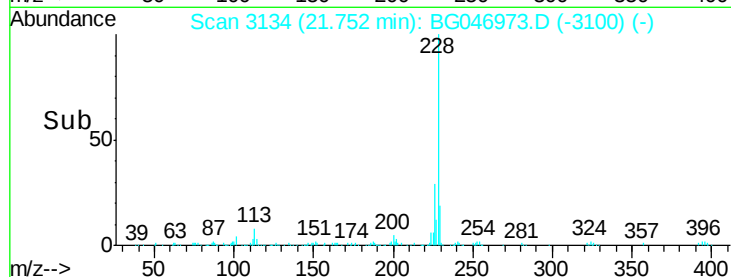
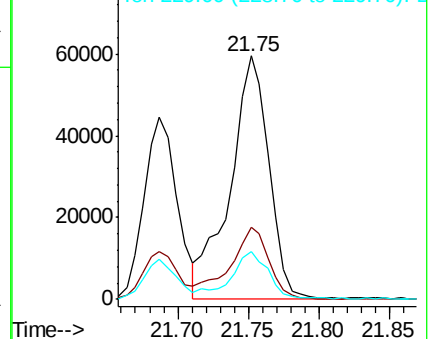


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 1.414 ng/ul

RT: 23.91 min Scan# 3502

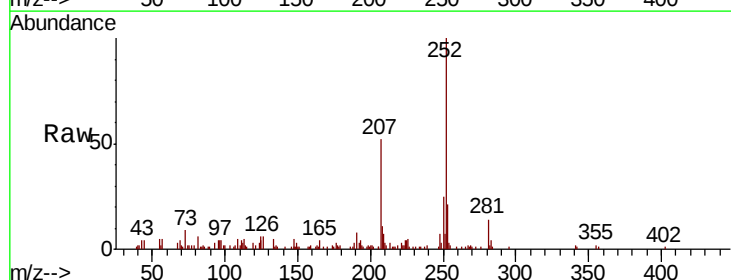
Delta R.T. -0.00 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

Tgt Ion:252 Resp: 44867

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	6.0	4.6	7.0

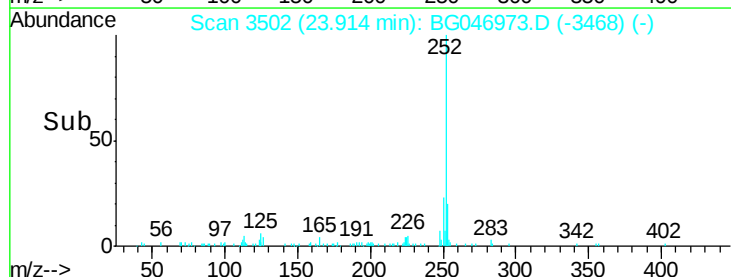
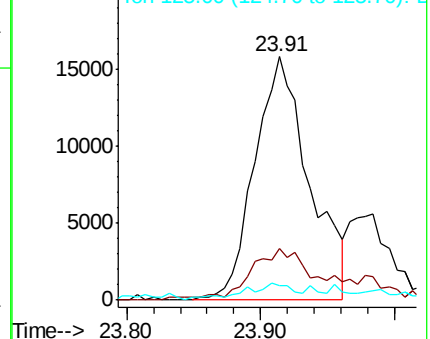


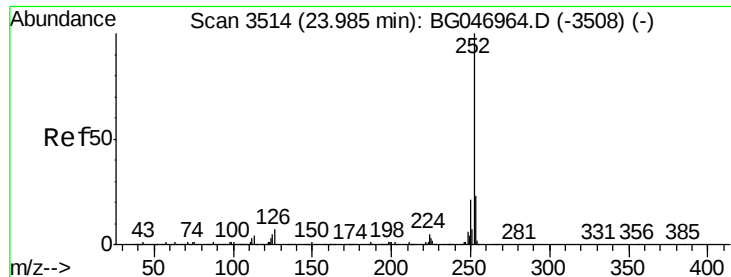
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.466 ng/ul

RT: 23.91 min Scan# 3502

Delta R.T. -0.07 min

Lab File: BG046973.D

Acq: 18 Oct 2020 13:47

Instrument :

BNA_G

ClientSampleId :

C0AB4

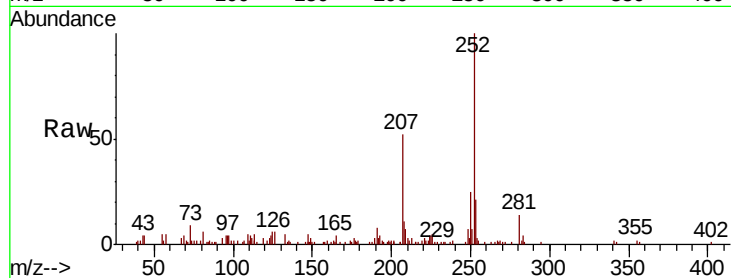
Tot Ion:252 Resp: 44867

Ion Ratio Lower Upper

252 100

253 21.0 17.7 26.5

125 6.0 4.2 6.4



Abundance Ion 252.00 (251.70 to 252.70): E

