

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061519.D
 Acq On : 6 Jun 2024 21:09
 Operator : MA/JU
 Sample : P2739-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0005

Quant Time: Jun 06 22:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

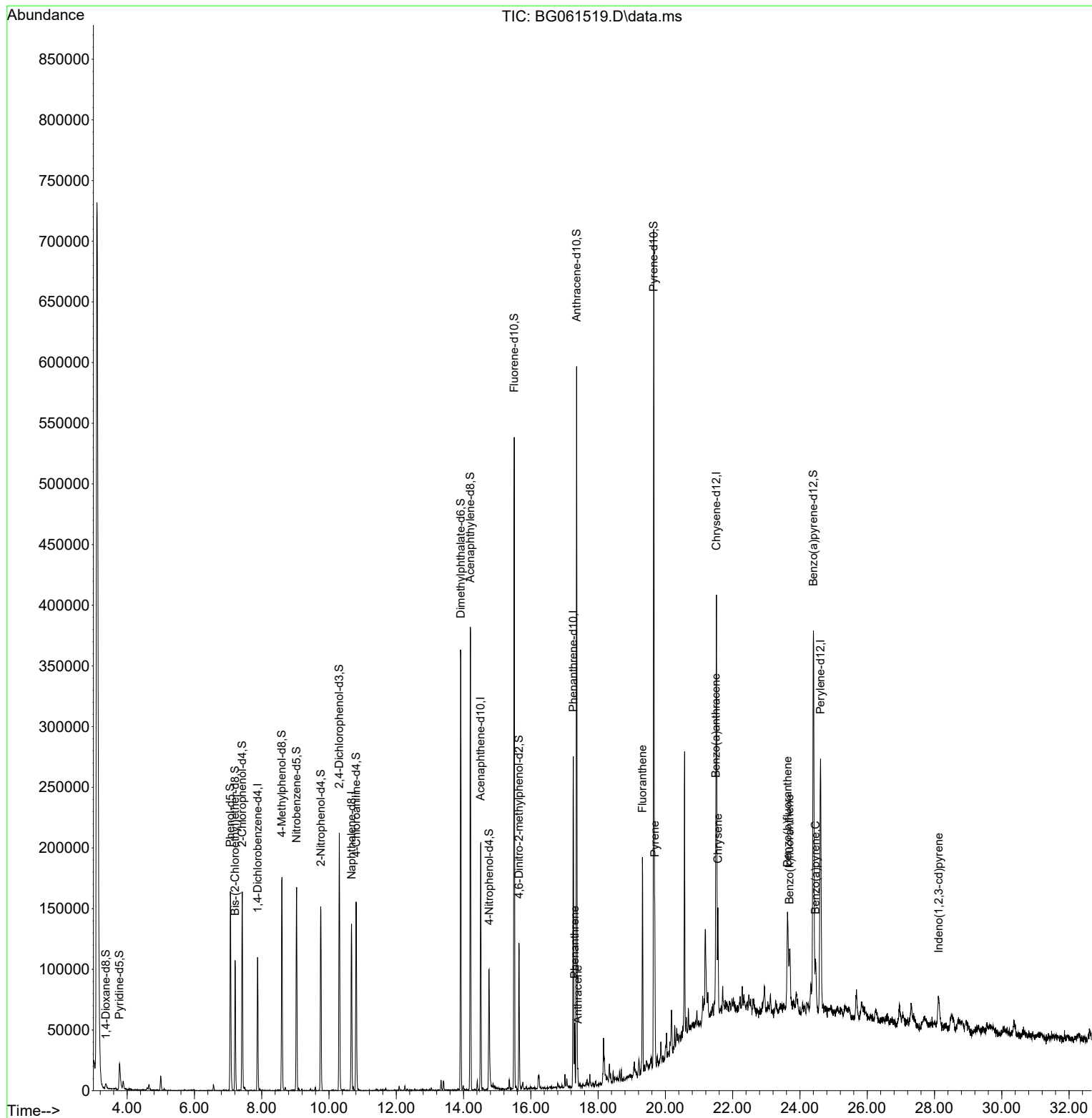
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	29820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	106962	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.506	164	75090	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	168548	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	186330	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	208463	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	3123	5.861	ng/uL	0.00
4) Pyridine-d5	3.772	84	17116	9.029	ng/ul	0.00
7) Phenol-d5	7.068	99	83828	34.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	52778	34.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.421	132	71043	39.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	62097	29.739	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	34820	42.281	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143	41278	42.828	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	78938	42.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	77379	31.478	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	247179	42.443	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	265321	43.821	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	24794	34.436	ng/ul	0.00
60) Fluorene-d10	15.505	176	218741	43.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	29457	28.896	ng/ul	0.00
73) Anthracene-d10	17.362	188	354396	47.693	ng/ul	0.00
81) Pyrene-d10	19.653	212	383642	40.100	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	333954	33.322	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.303	178	32800	4.009	ng/ul	98
74) Anthracene	17.397	178	8637	1.021	ng/ul	96
80) Fluoranthene	19.318	202	112989	9.845	ng/ul	99
82) Pyrene	19.683	202	86890	7.294	ng/ul	99
85) Benzo(a)anthracene	21.498	228	65202	5.071	ng/ul	99
87) Chrysene	21.563	228	65403	5.525	ng/ul	95
90) Benzo(b)fluoranthene	23.631	252	103474	8.337	ng/ul	97
91) Benzo(k)fluoranthene	23.690	252	30370	2.410	ng/ul#	95
93) Benzo(a)pyrene	24.459	252	40197	3.411	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	28.126	276	35983	2.525	ng/ul#	95

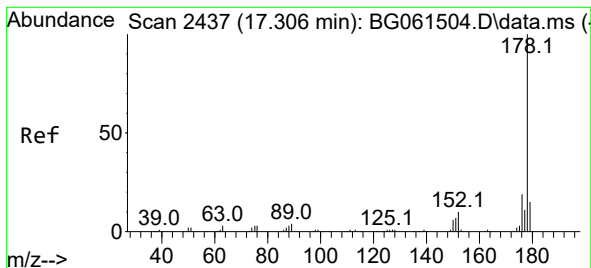
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 4.009 ng/ul

RT: 17.303 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

Instrument :

BNA_G

ClientSampleId :

E0005

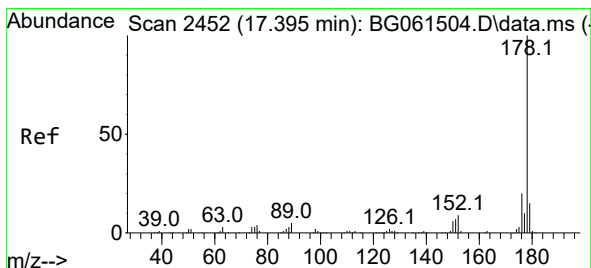
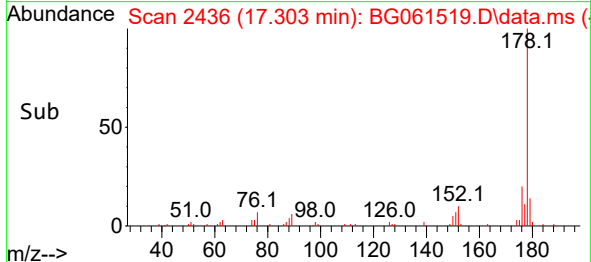
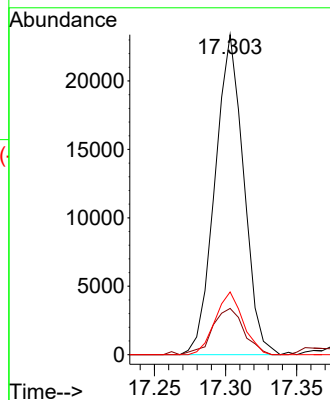
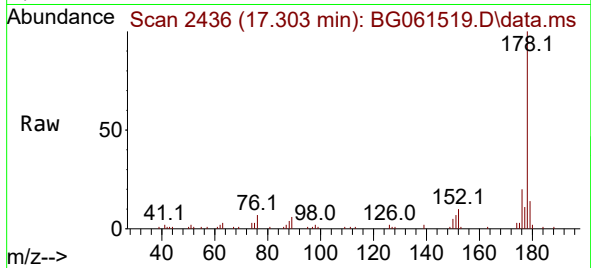
Tgt Ion:178 Resp: 32800

Ion Ratio Lower Upper

178 100

179 14.4 12.7 19.1

176 19.6 15.5 23.3



#74

Anthracene

Concen: 1.021 ng/ul

RT: 17.397 min Scan# 2452

Delta R.T. 0.003 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

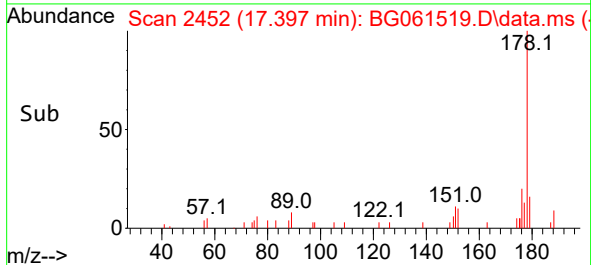
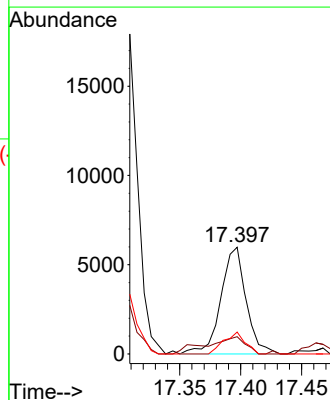
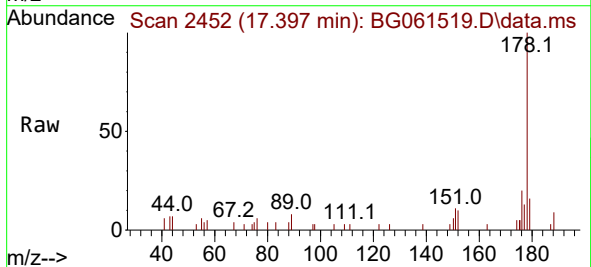
Tgt Ion:178 Resp: 8637

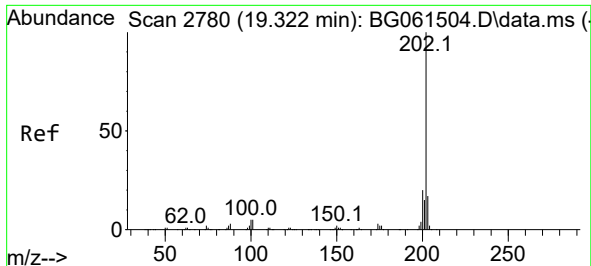
Ion Ratio Lower Upper

178 100

179 16.1 11.8 17.6

176 20.5 14.9 22.3

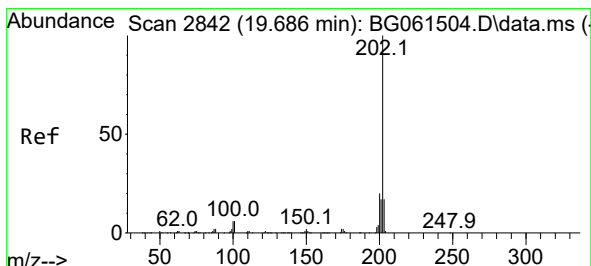
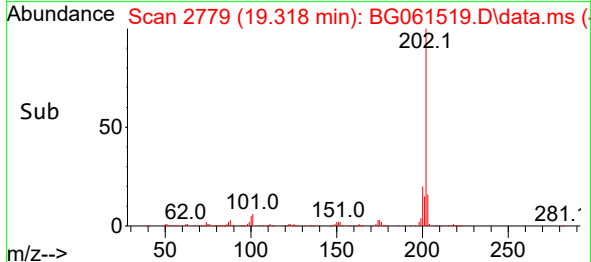
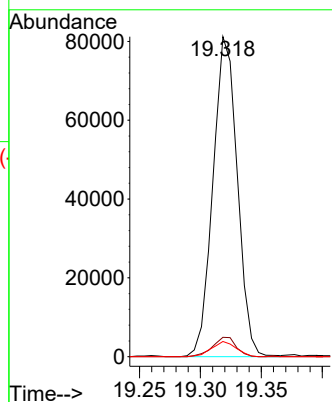
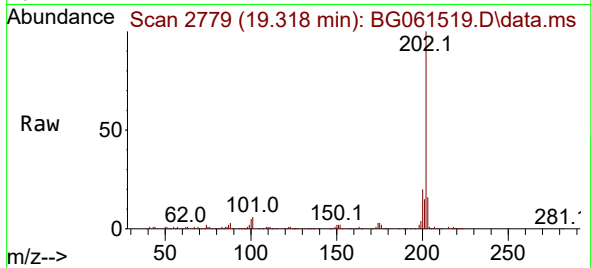




#80
Fluoranthene
Concen: 9.845 ng/ul
RT: 19.318 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG061519.D
Acq: 6 Jun 2024 21:09

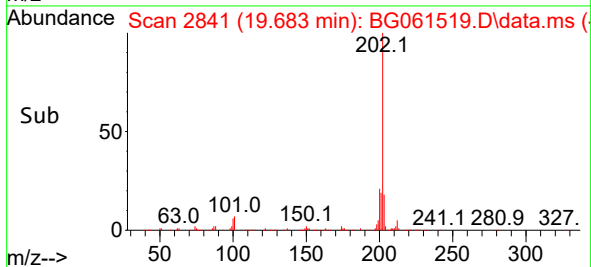
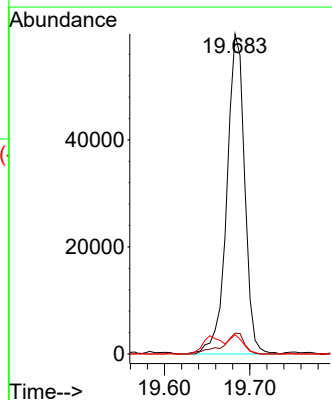
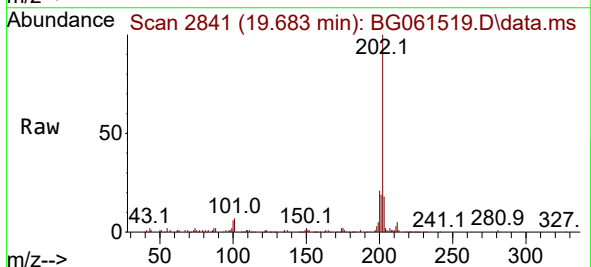
Instrument :
BNA_G
ClientSampleId :
E0005

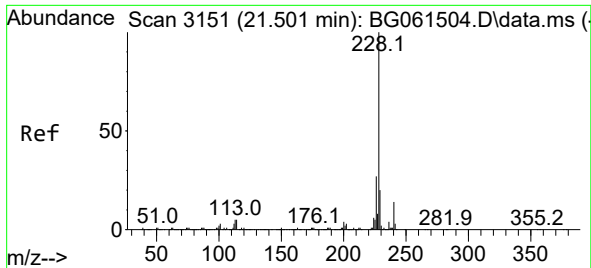
Tgt Ion:202 Resp: 112989
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.8 4.1 6.1



#82
Pyrene
Concen: 7.294 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG061519.D
Acq: 6 Jun 2024 21:09

Tgt Ion:202 Resp: 86890
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 6.0 5.1 7.7

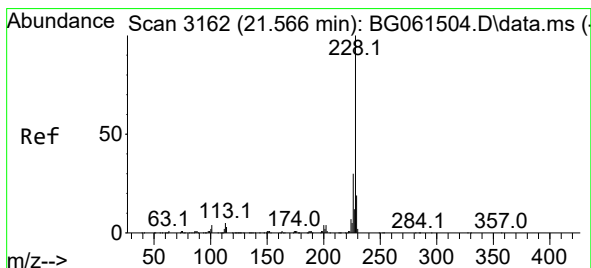
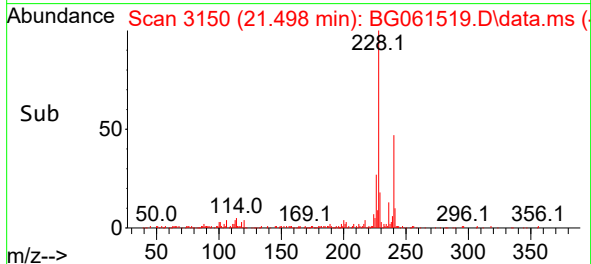
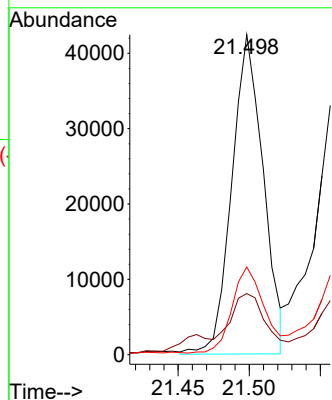
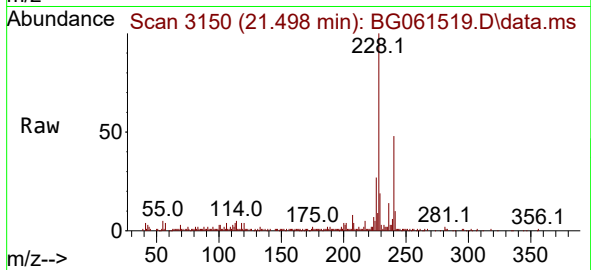




#85
Benzo(a)anthracene
Concen: 5.071 ng/ul
RT: 21.498 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG061519.D
Acq: 6 Jun 2024 21:09

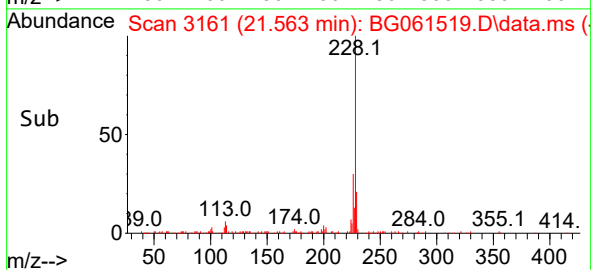
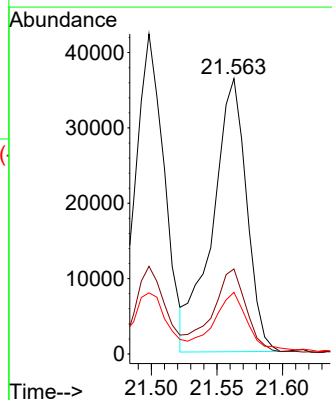
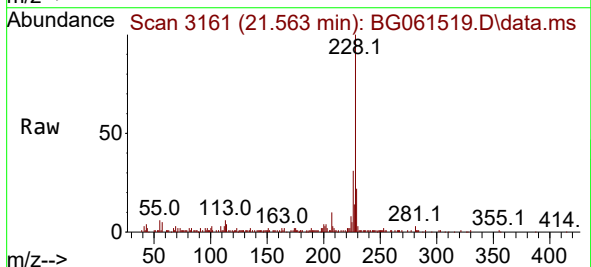
Instrument :
BNA_G
ClientSampleId :
E0005

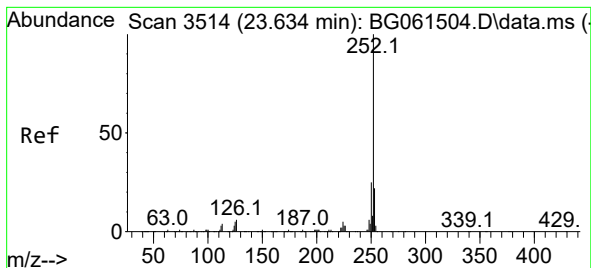
Tgt Ion:228 Resp: 65202
Ion Ratio Lower Upper
228 100
229 19.1 15.2 22.8
226 27.4 21.4 32.2



#87
Chrysene
Concen: 5.525 ng/ul
RT: 21.563 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BG061519.D
Acq: 6 Jun 2024 21:09

Tgt Ion:228 Resp: 65403
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.0
229 22.4 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 8.337 ng/ul

RT: 23.631 min Scan# 3513

Delta R.T. -0.003 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

Instrument :

BNA_G

ClientSampleId :

E0005

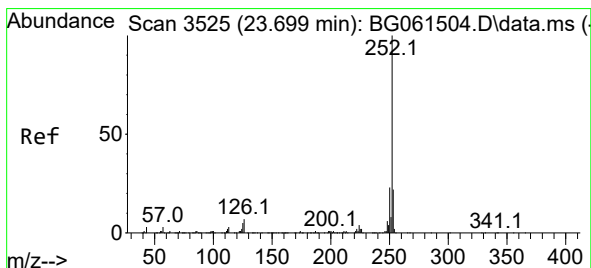
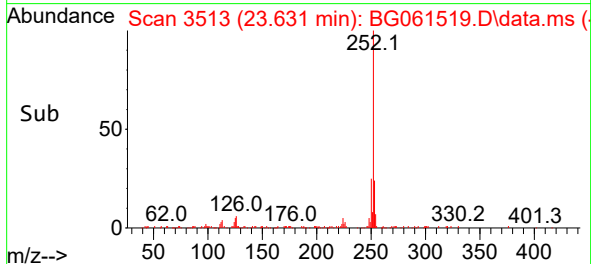
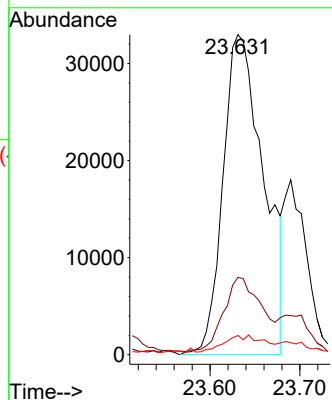
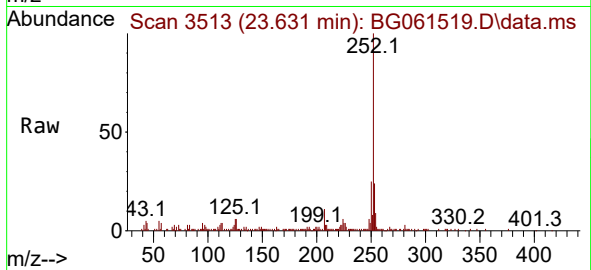
Tgt Ion:252 Resp: 103474

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 6.0 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 2.410 ng/ul

RT: 23.690 min Scan# 3523

Delta R.T. -0.009 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

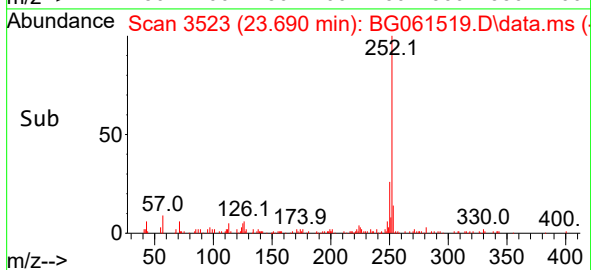
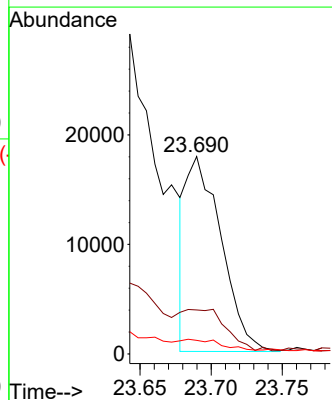
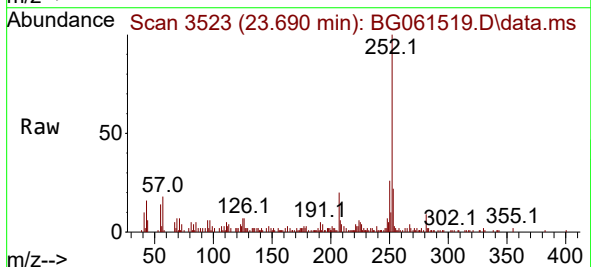
Tgt Ion:252 Resp: 30370

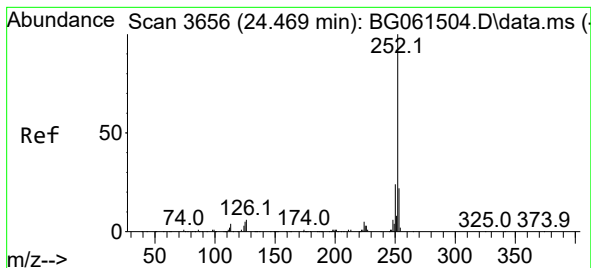
Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

125 6.9 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 3.411 ng/ul

RT: 24.459 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

Instrument :

BNA_G

ClientSampleId :

E0005

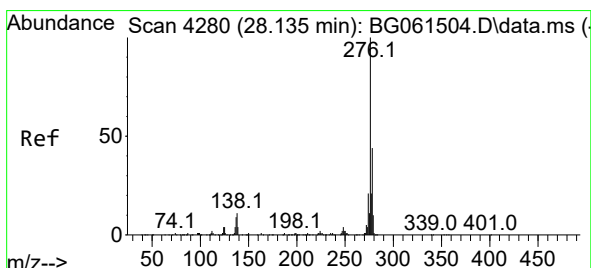
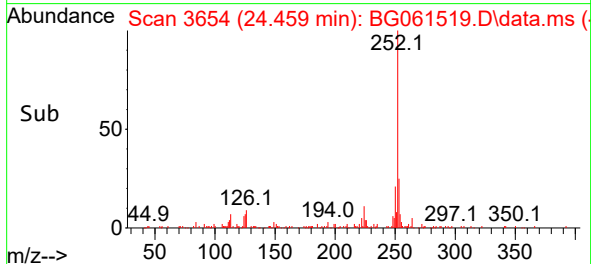
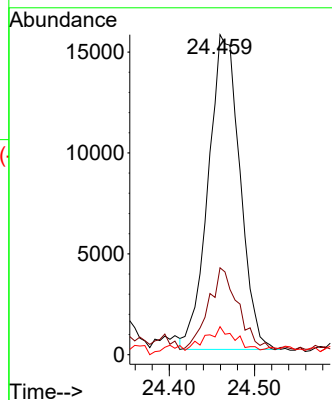
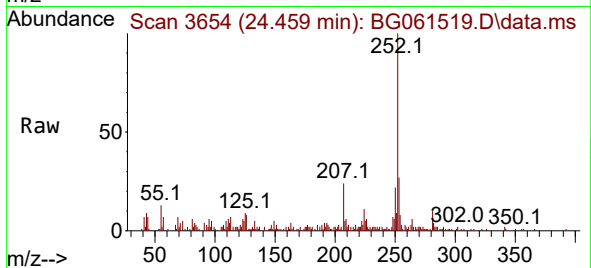
Tgt Ion:252 Resp: 40197

Ion Ratio Lower Upper

252 100

253 27.2 16.4 24.6#

125 8.7 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.525 ng/ul

RT: 28.126 min Scan# 4278

Delta R.T. -0.009 min

Lab File: BG061519.D

Acq: 6 Jun 2024 21:09

Tgt Ion:276 Resp: 35983

Ion Ratio Lower Upper

276 100

138 14.5 8.6 13.0#

277 25.8 19.7 29.5

