

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061518.D
 Acq On : 6 Jun 2024 20:27
 Operator : MA/JU
 Sample : P2739-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0002

Quant Time: Jun 06 22:44:40 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)

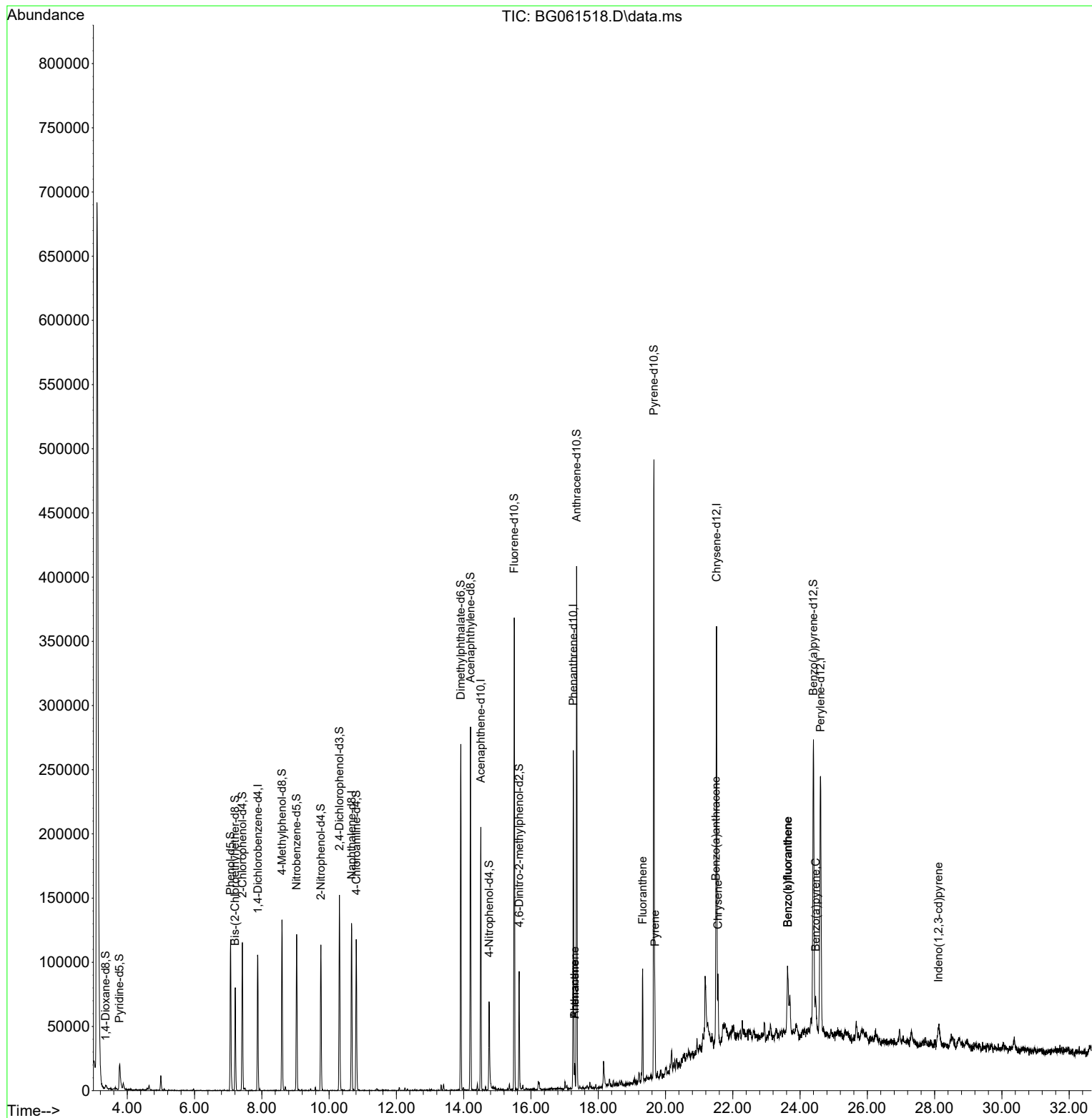
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	105411	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	72744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	166096	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	186382	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	208747	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1887	3.550	ng/uL	0.00
4) Pyridine-d5	3.763	84	6851	3.623	ng/ul	0.00
7) Phenol-d5	7.071	99	61870	25.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	38724	25.219	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	52252	28.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	46089	22.125	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	25837	31.835	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	30161	31.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	57734	31.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	58181	24.016	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	179626	31.838	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	194006	33.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	16936	24.280	ng/ul	0.00
60) Fluorene-d10	15.502	176	155276	31.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	21662	21.563	ng/ul	0.00
73) Anthracene-d10	17.359	188	247797	33.840	ng/ul	0.00
81) Pyrene-d10	19.656	212	275991	28.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	240616	23.976	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.300	178	13243	1.643	ng/ul	96
74) Anthracene	17.300	178	13243	1.589	ng/ul	96
80) Fluoranthene	19.321	202	57413	5.001	ng/ul#	98
82) Pyrene	19.686	202	45647	3.831	ng/ul	98
85) Benzo(a)anthracene	21.495	228	37990	2.954	ng/ul	98
87) Chrysene	21.560	228	39110	3.303	ng/ul	94
90) Benzo(b)fluoranthene	23.634	252	60253	4.848	ng/ul	99
91) Benzo(k)fluoranthene	23.634	252	60253	4.775	ng/ul	95
93) Benzo(a)pyrene	24.462	252	23030	1.951	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	28.117	276	24836	1.740	ng/ul#	97

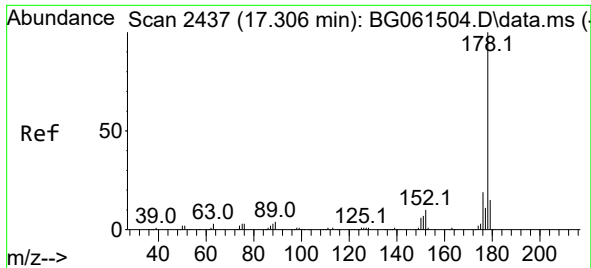
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 22:44:40 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

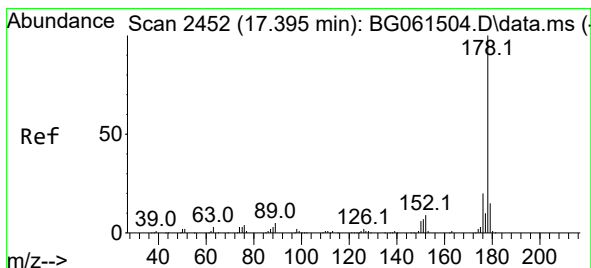
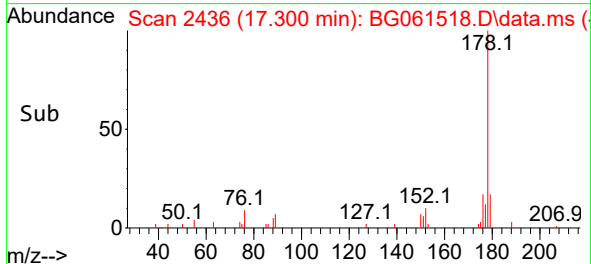
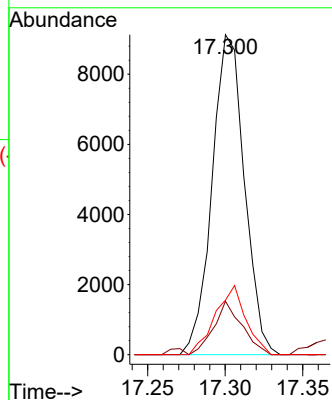
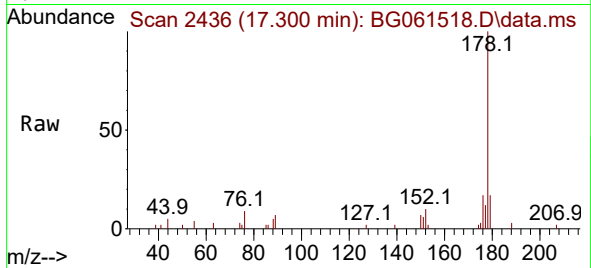




#72
Phenanthrene
Concen: 1.643 ng/ul
RT: 17.300 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

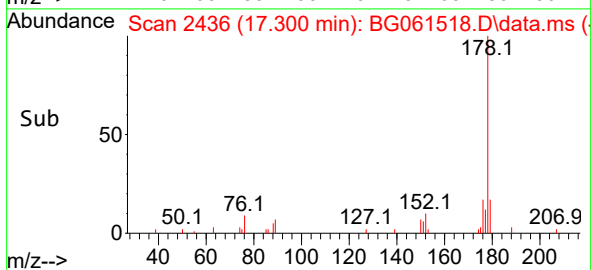
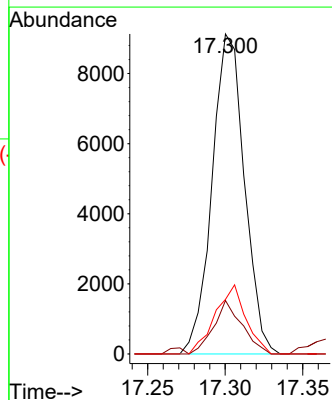
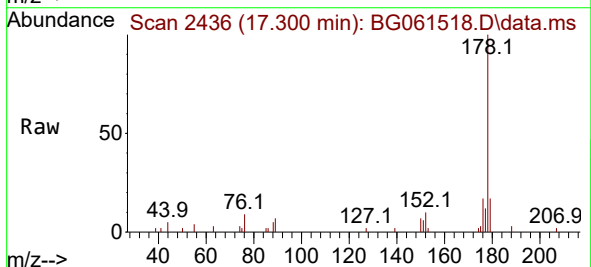
Instrument :
BNA_G
ClientSampleId :
E0002

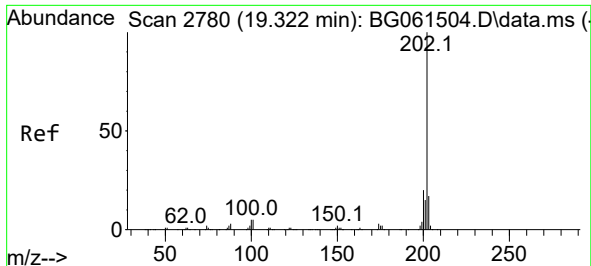
Tgt Ion:178 Resp: 13243
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 17.0 15.5 23.3



#74
Anthracene
Concen: 1.589 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. -0.094 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

Tgt Ion:178 Resp: 13243
Ion Ratio Lower Upper
178 100
179 16.7 11.8 17.6
176 17.0 14.9 22.3

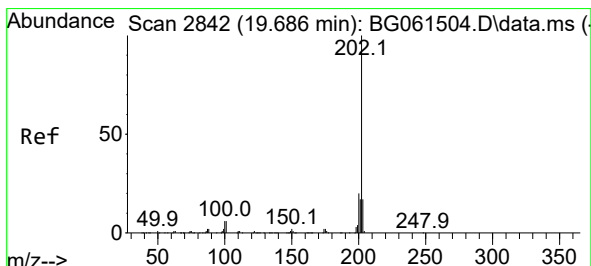
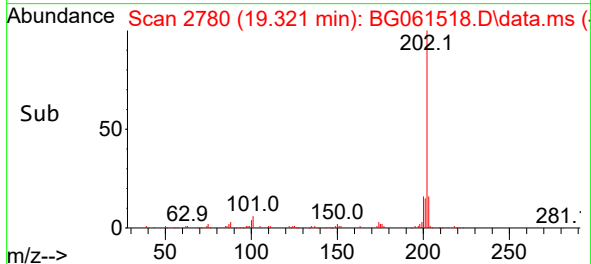
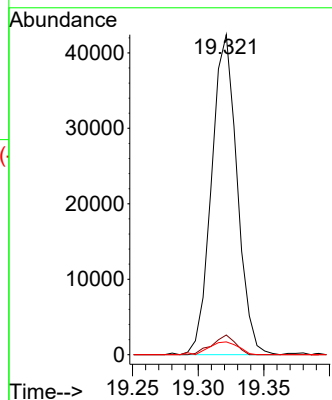
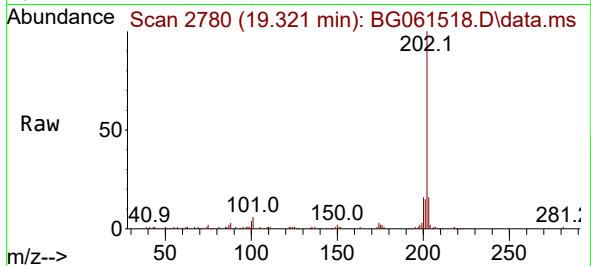




#80
Fluoranthene
Concen: 5.001 ng/u1
RT: 19.321 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

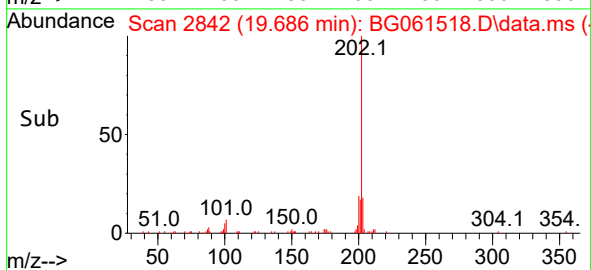
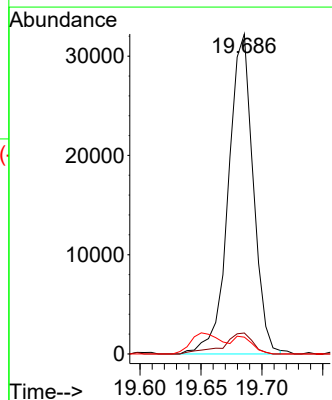
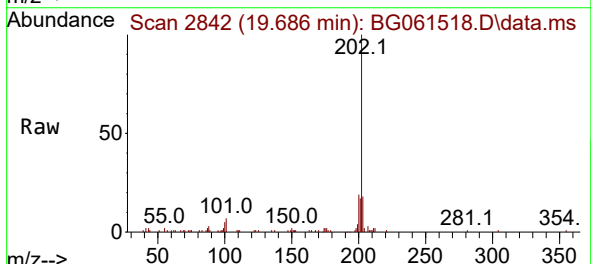
Instrument :
BNA_G
ClientSampleId :
E0002

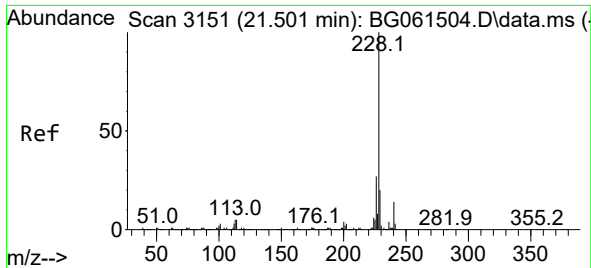
Tgt Ion:202 Resp: 57413
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 4.0 4.1 6.1#



#82
Pyrene
Concen: 3.831 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

Tgt Ion:202 Resp: 45647
Ion Ratio Lower Upper
202 100
101 6.6 5.7 8.5
100 5.2 5.1 7.7

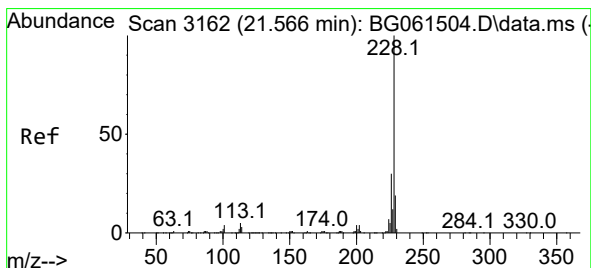
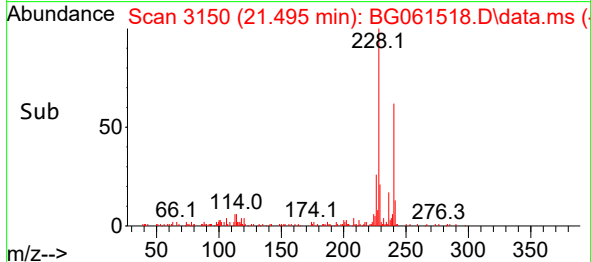
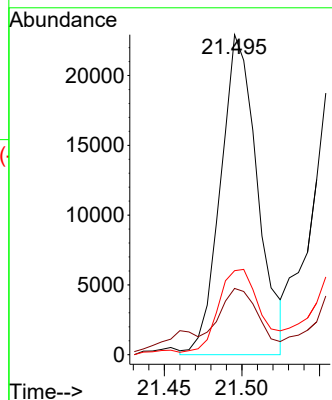
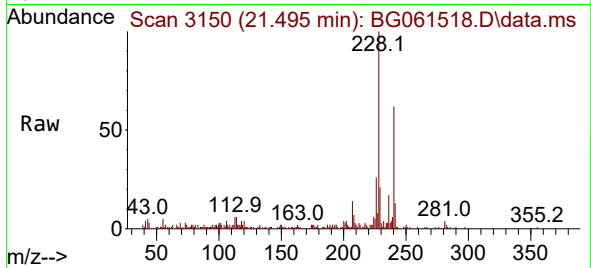




#85
Benzo(a)anthracene
Concen: 2.954 ng/ul
RT: 21.495 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

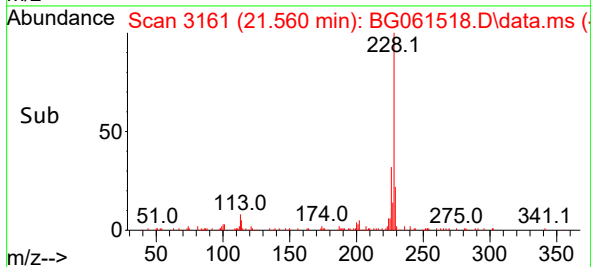
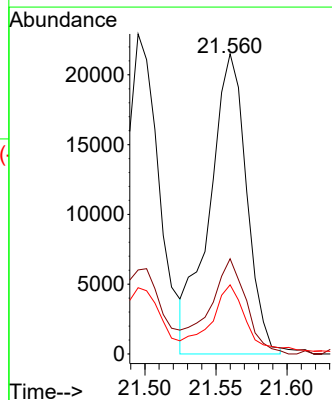
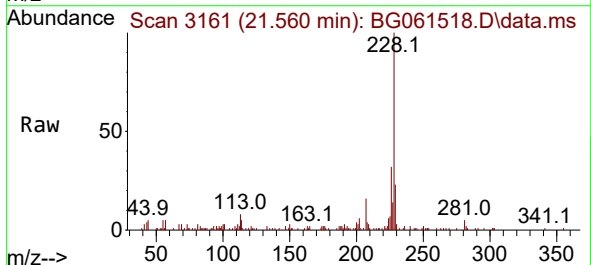
Instrument :
BNA_G
ClientSampleId :
E0002

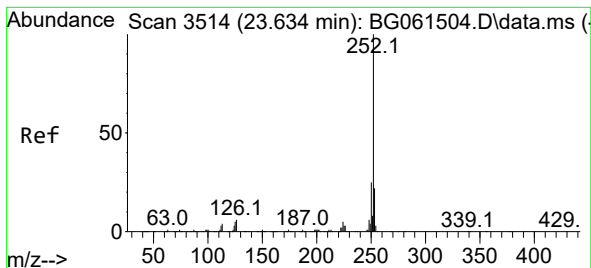
Tgt Ion:228 Resp: 37990
Ion Ratio Lower Upper
228 100
229 20.7 15.2 22.8
226 26.2 21.4 32.2



#87
Chrysene
Concen: 3.303 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061518.D
Acq: 6 Jun 2024 20:27

Tgt Ion:228 Resp: 39110
Ion Ratio Lower Upper
228 100
226 31.7 23.4 35.0
229 23.0 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 4.848 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

Instrument :

BNA_G

ClientSampleId :

E0002

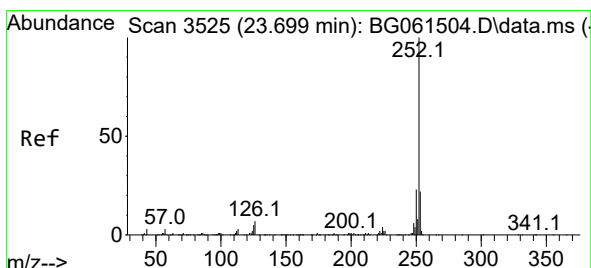
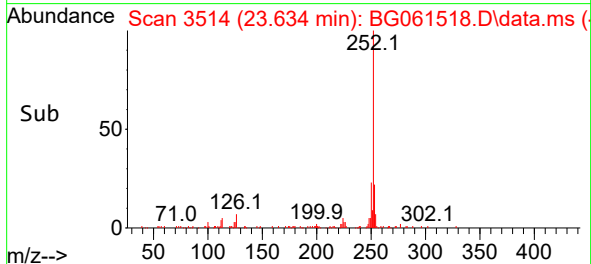
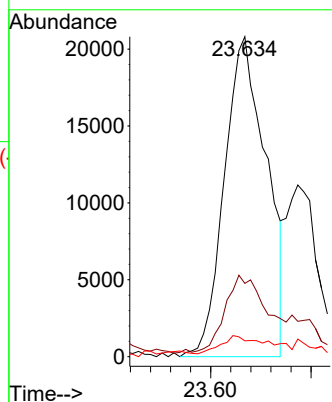
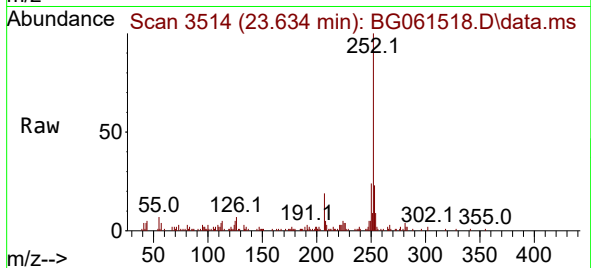
Tgt Ion:252 Resp: 60253

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 4.9 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 4.775 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. -0.065 min

Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

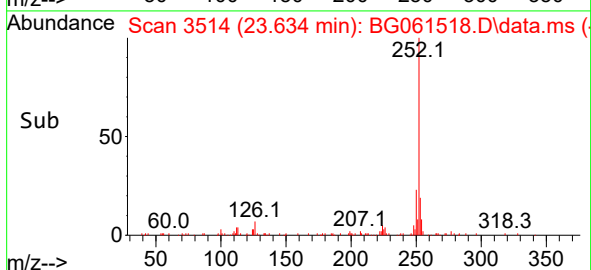
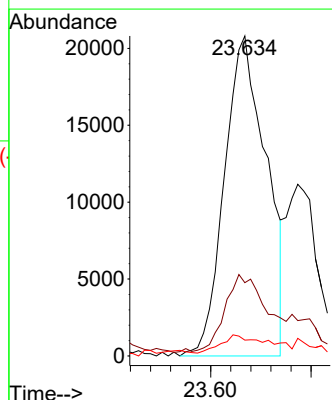
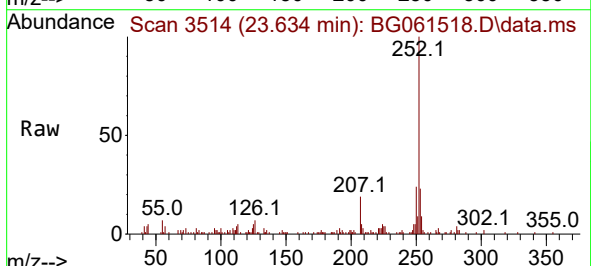
Tgt Ion:252 Resp: 60253

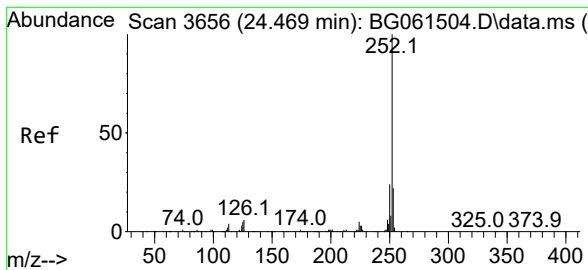
Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

125 4.9 4.3 6.5





#93

Benzo(a)pyrene

Concen: 1.951 ng/ul

RT: 24.462 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

Instrument :

BNA_G

ClientSampleId :

E0002

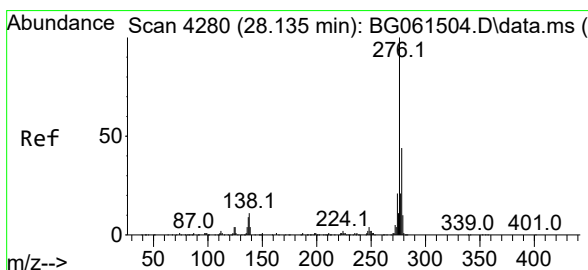
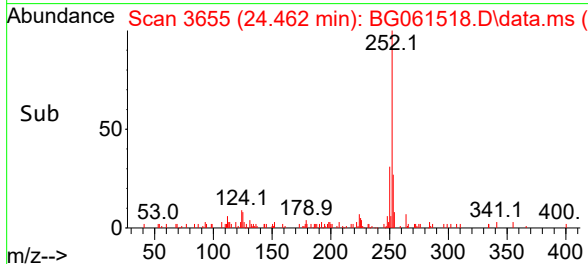
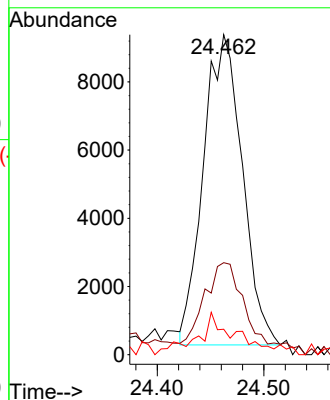
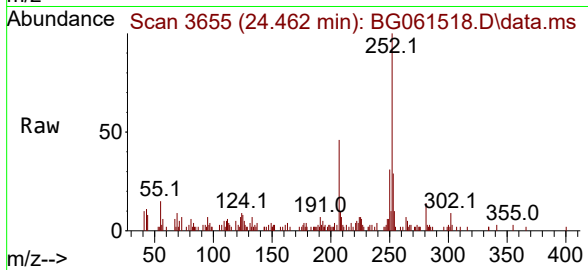
Tgt Ion:252 Resp: 23030

Ion Ratio Lower Upper

252 100

253 28.7 16.4 24.6#

125 7.9 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.740 ng/ul

RT: 28.117 min Scan# 4277

Delta R.T. -0.018 min

Lab File: BG061518.D

Acq: 6 Jun 2024 20:27

Tgt Ion:276 Resp: 24836

Ion Ratio Lower Upper

276 100

138 7.2 8.6 13.0#

277 24.3 19.7 29.5

