

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061539.D
 Acq On : 7 Jun 2024 18:57
 Operator : MA/JU
 Sample : P2640-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BG7

Quant Time: Jun 07 21:49:34 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

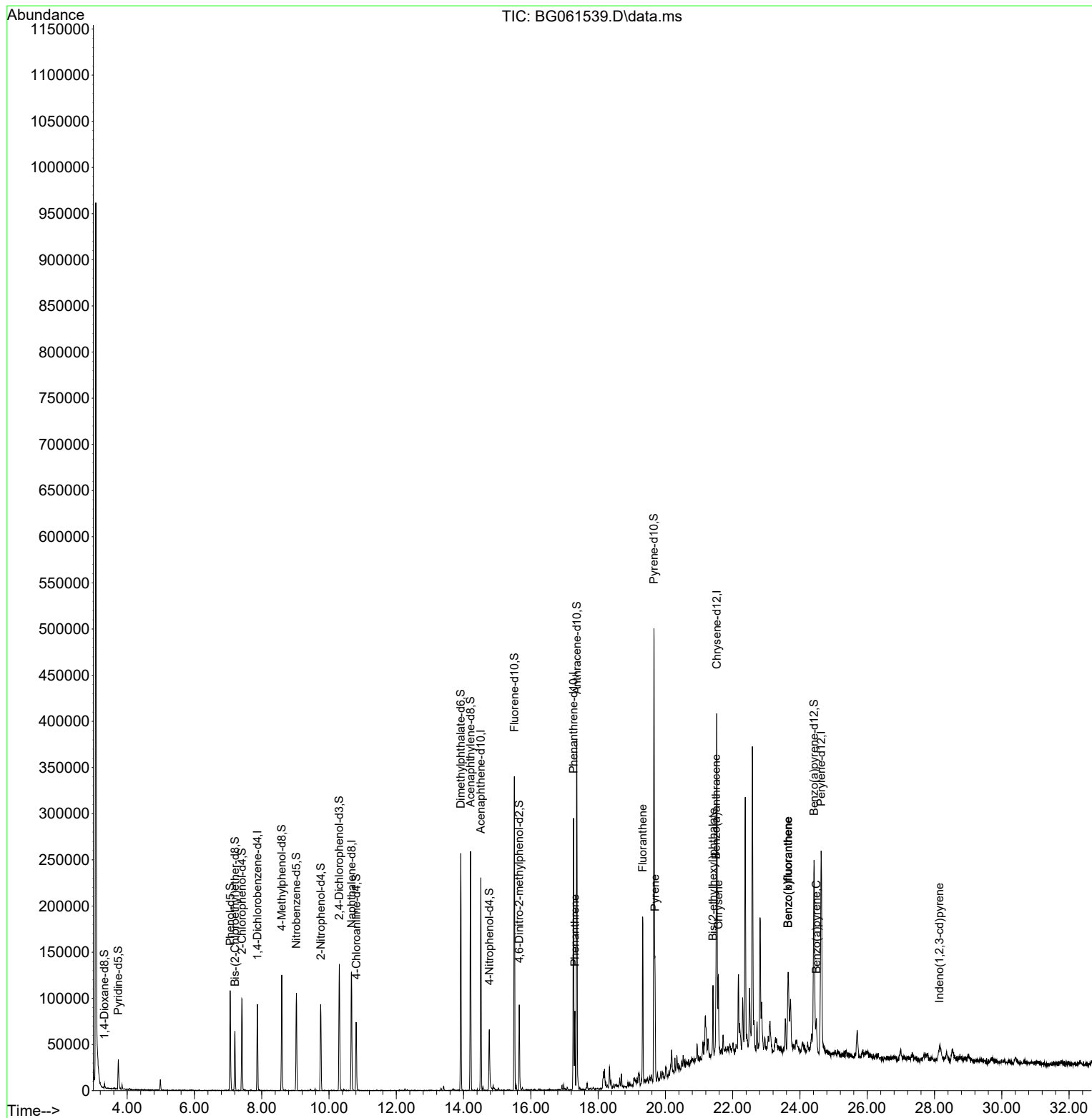
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	25031	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	104394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	79668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188	184918	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	195913	20.000	ng/ul	0.00
88) Perylene-d12	24.629	264	224042	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	1686	3.769	ng/uL	-0.03
4) Pyridine-d5	3.736	84	14283	8.976	ng/ul	-0.03
7) Phenol-d5	7.062	99	50974	24.798	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	29810	23.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.408	132	41784	27.466	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	41914	23.913	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	21132	26.291	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	25602	27.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	51996	28.353	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	36319	15.138	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	165841	26.840	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	177793	27.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	16004	20.950	ng/ul	0.00
60) Fluorene-d10	15.511	176	141203	26.469	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	21380	19.116	ng/ul	0.00
73) Anthracene-d10	17.367	188	238611	29.269	ng/ul	0.00
81) Pyrene-d10	19.659	212	269907	26.832	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.418	264	227178	21.092	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.309	178	52470	5.846	ng/ul	98
80) Fluoranthene	19.324	202	118275	9.801	ng/ul	99
82) Pyrene	19.688	202	88239	7.044	ng/ul	98
85) Benzo(a)anthracene	21.510	228	56929	4.211	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	26464	4.155	ng/ul	99
87) Chrysene	21.574	228	63238	5.080	ng/ul	93
90) Benzo(b)fluoranthene	23.648	252	86026	6.449	ng/ul	99
91) Benzo(k)fluoranthene	23.648	252	86026	6.353	ng/ul	95
93) Benzo(a)pyrene	24.488	252	32720	2.583	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.143	276	26214	1.711	ng/ul#	91

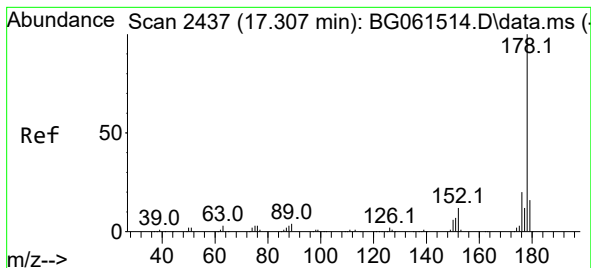
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.846 ng/ul

RT: 17.309 min Scan# 2437

Delta R.T. 0.002 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

Instrument :

BNA_G

ClientSampleId :

A4BG7

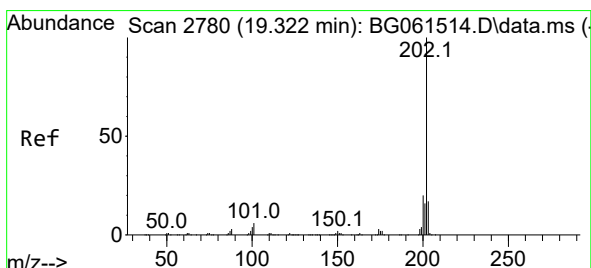
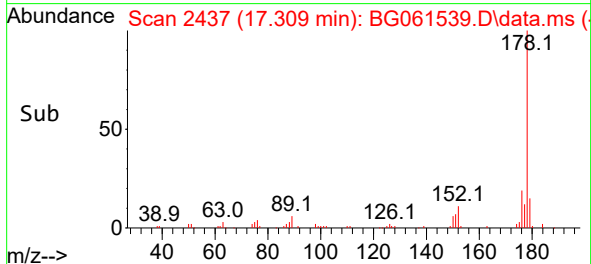
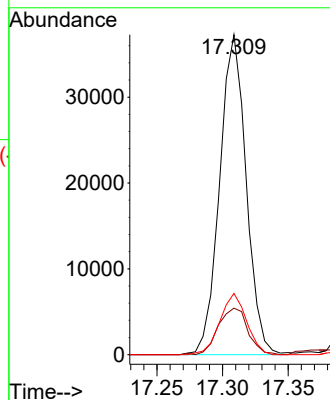
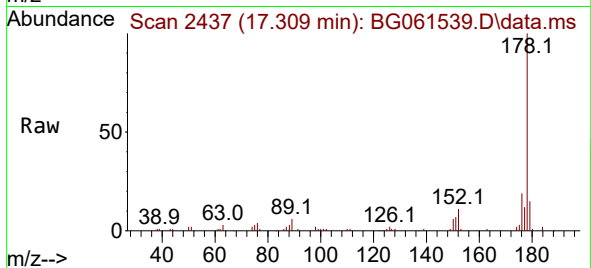
Tgt Ion:178 Resp: 52470

Ion Ratio Lower Upper

178 100

179 14.5 12.7 19.1

176 19.2 15.5 23.3



#80

Fluoranthene

Concen: 9.801 ng/ul

RT: 19.324 min Scan# 2780

Delta R.T. 0.002 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

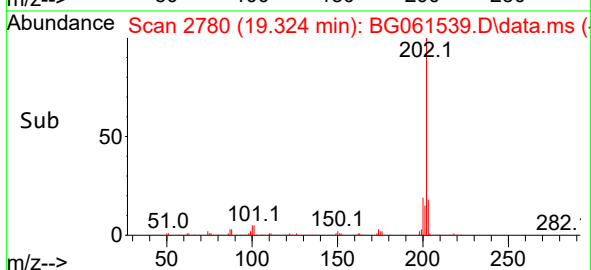
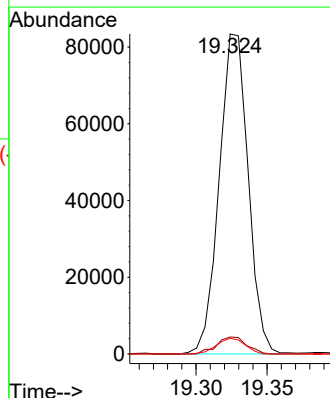
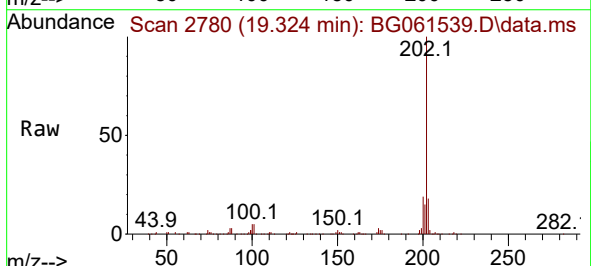
Tgt Ion:202 Resp: 118275

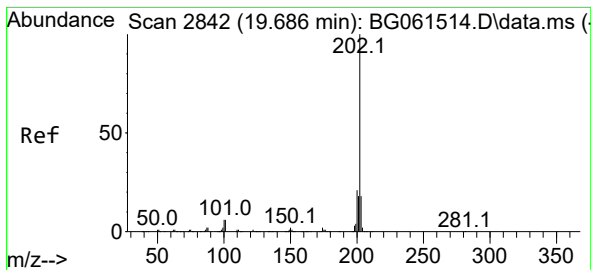
Ion Ratio Lower Upper

202 100

101 5.3 4.8 7.2

100 4.9 4.1 6.1





#82

Pyrene

Concen: 7.044 ng/ul

RT: 19.688 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

Instrument :

BNA_G

ClientSampleId :

A4BG7

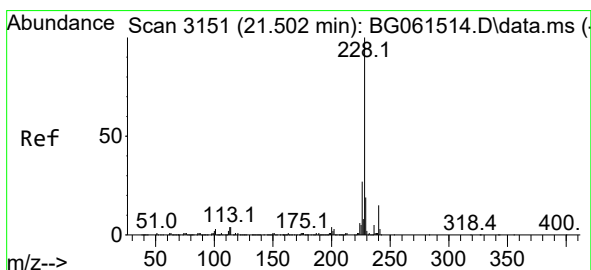
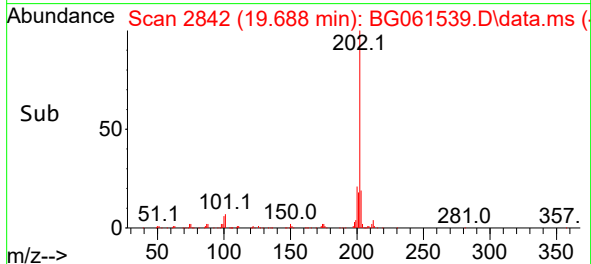
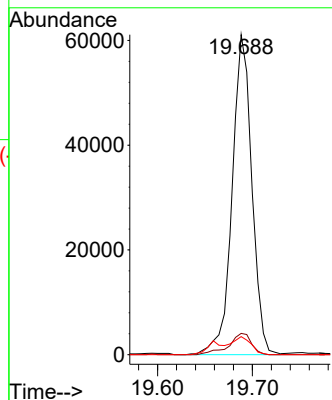
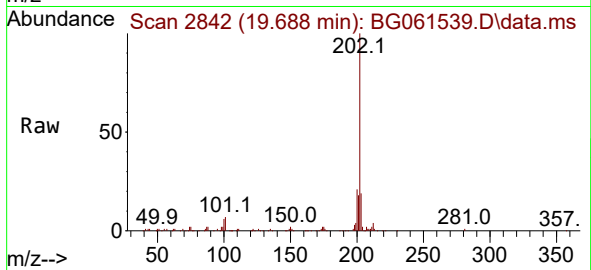
Tgt Ion:202 Resp: 88239

Ion Ratio Lower Upper

202 100

101 6.6 5.7 8.5

100 5.6 5.1 7.7



#85

Benzo(a)anthracene

Concen: 4.211 ng/ul

RT: 21.510 min Scan# 3152

Delta R.T. 0.008 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

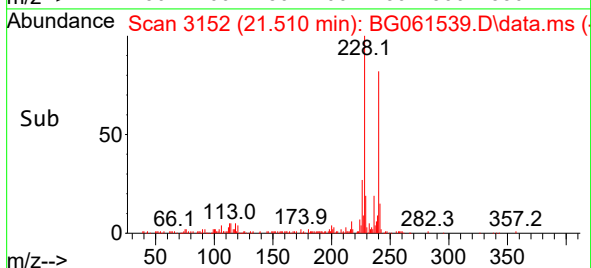
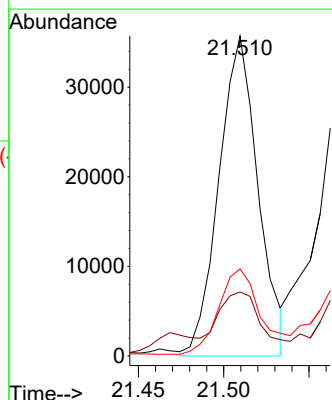
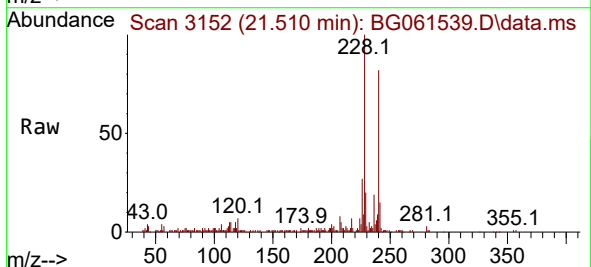
Tgt Ion:228 Resp: 56929

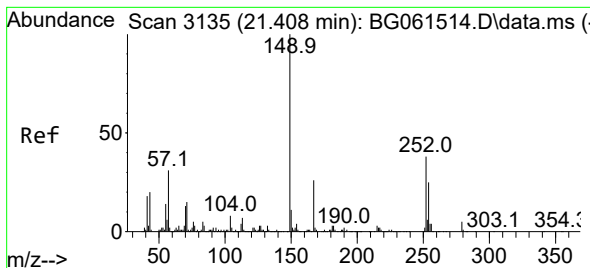
Ion Ratio Lower Upper

228 100

229 20.0 15.2 22.8

226 27.2 21.4 32.2

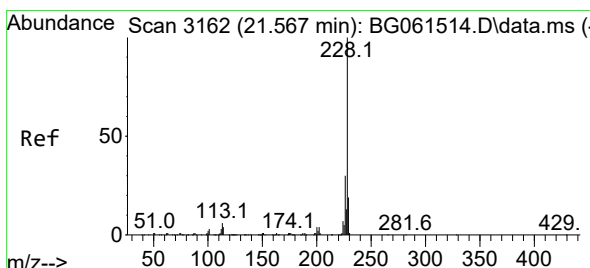
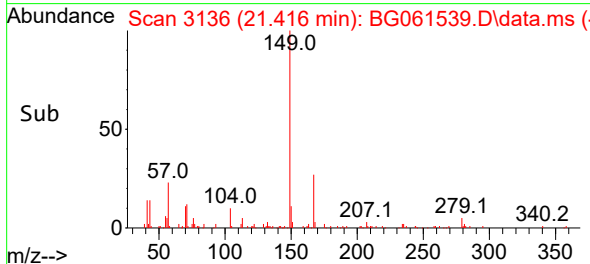
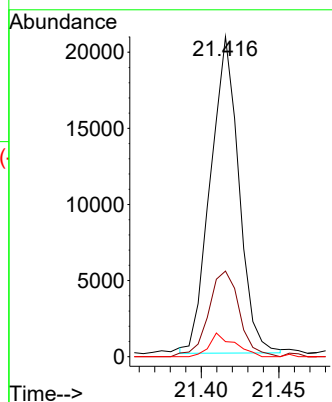
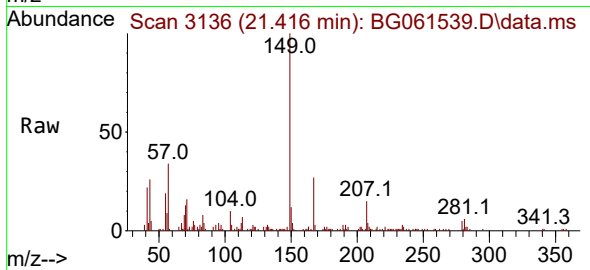




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.155 ng/ul
 RT: 21.416 min Scan# 3136
 Delta R.T. 0.008 min
 Lab File: BG061539.D
 Acq: 7 Jun 2024 18:57

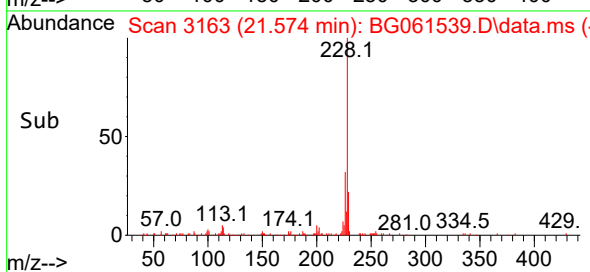
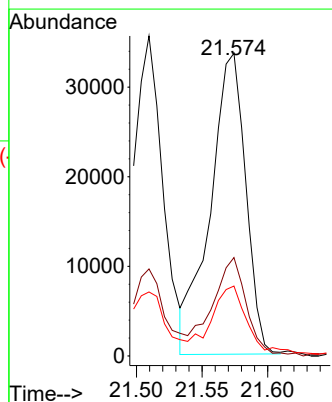
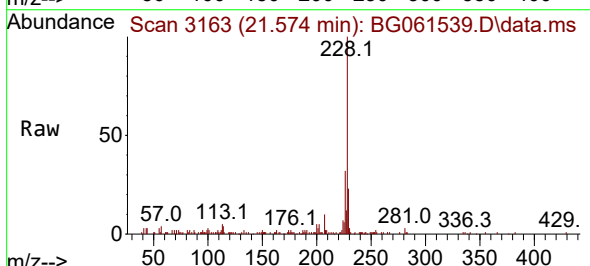
Instrument :
 BNA_G
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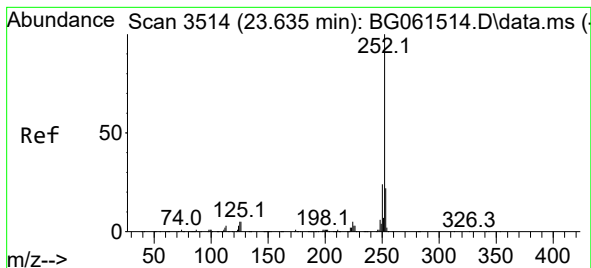
Tgt Ion:149 Resp: 26464
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.1 31.7
 279 4.7 3.3 4.9



#87
 Chrysene
 Concen: 5.080 ng/ul
 RT: 21.574 min Scan# 3163
 Delta R.T. 0.008 min
 Lab File: BG061539.D
 Acq: 7 Jun 2024 18:57

Tgt Ion:228 Resp: 63238
 Ion Ratio Lower Upper
 228 100
 226 32.5 23.4 35.0
 229 23.1 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 6.449 ng/ul

RT: 23.648 min Scan# 3516

Delta R.T. 0.014 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

Instrument :

BNA_G

ClientSampleId :

A4BG7

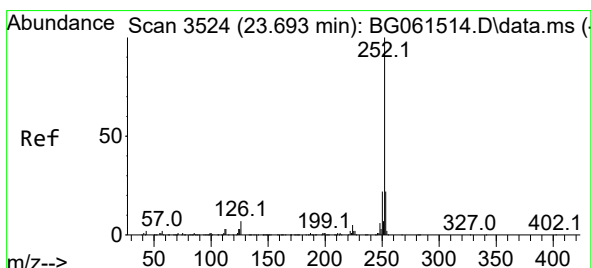
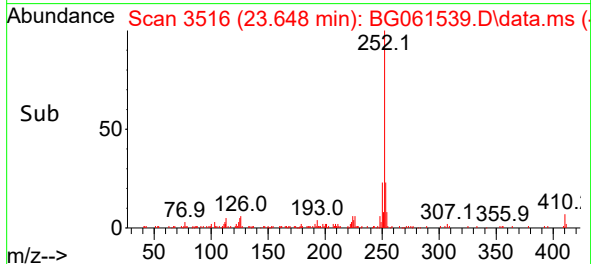
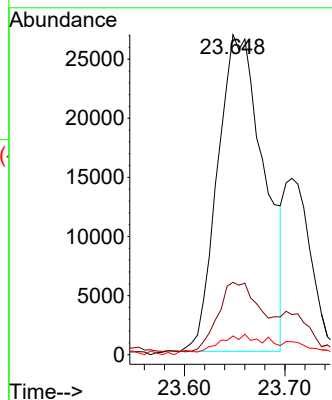
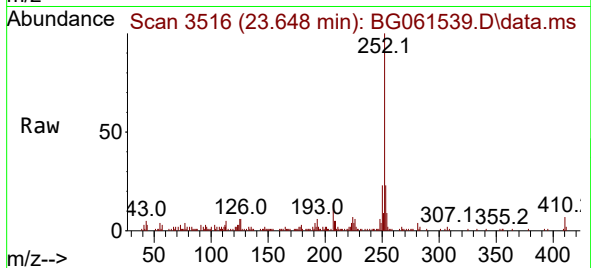
Tgt Ion:252 Resp: 86026

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 5.8 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 6.353 ng/ul

RT: 23.648 min Scan# 3516

Delta R.T. -0.051 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

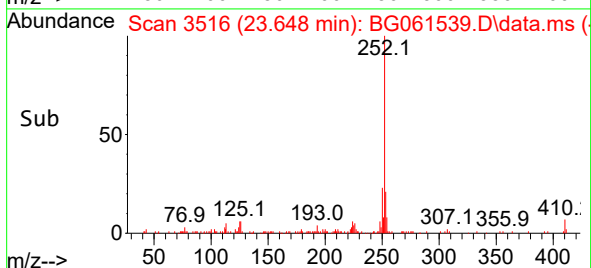
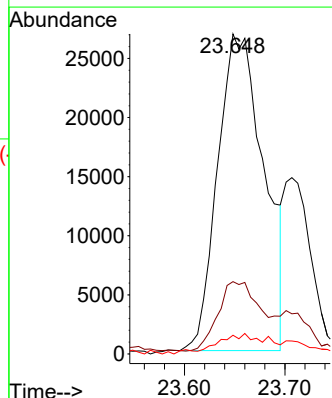
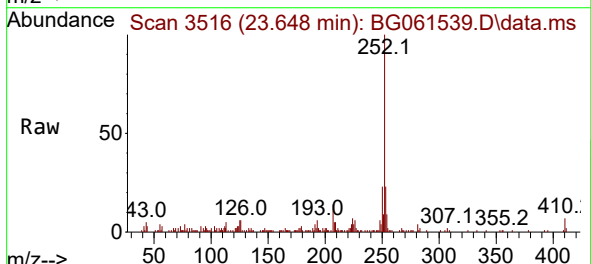
Tgt Ion:252 Resp: 86026

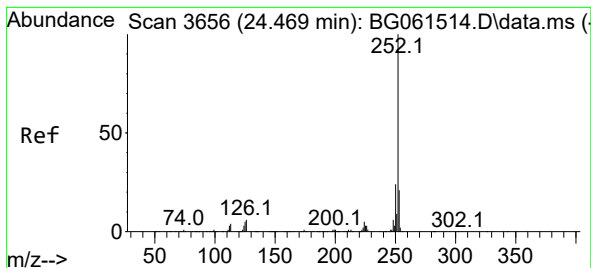
Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

125 5.8 4.3 6.5





#93

Benzo(a)pyrene

Concen: 2.583 ng/ul

RT: 24.488 min Scan# 3

Delta R.T. 0.020 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

Instrument :

BNA_G

ClientSampleId :

A4BG7

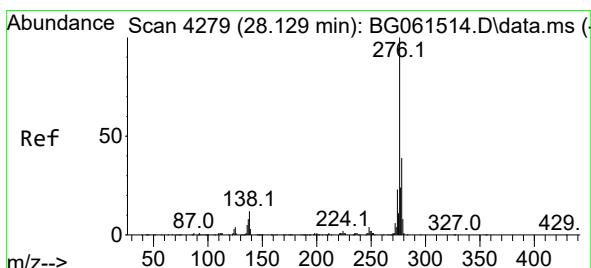
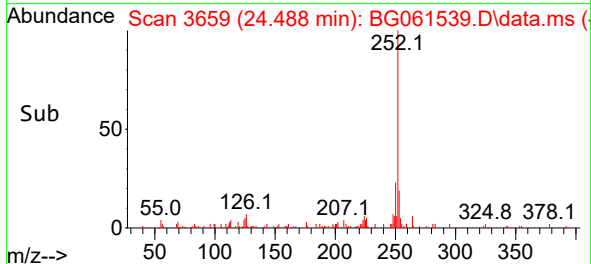
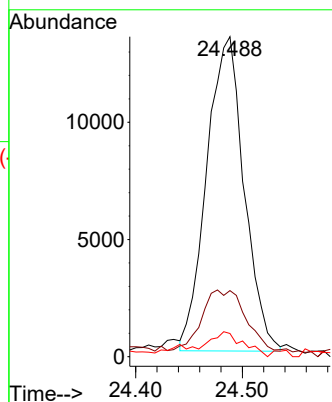
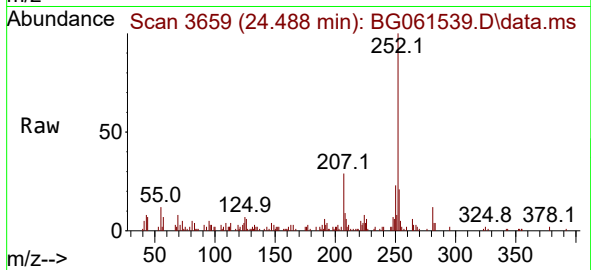
Tgt Ion:252 Resp: 32720

Ion Ratio Lower Upper

252 100

253 20.7 16.4 24.6

125 7.3 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.711 ng/ul

RT: 28.143 min Scan# 4281

Delta R.T. 0.008 min

Lab File: BG061539.D

Acq: 7 Jun 2024 18:57

Tgt Ion:276 Resp: 26214

Ion Ratio Lower Upper

276 100

138 14.5 8.6 13.0#

277 29.0 19.7 29.5

