

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061555.D
 Acq On : 8 Jun 2024 6:38
 Operator : MA/JU
 Sample : P2640-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BH5

Quant Time: Jun 09 22:58:44 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

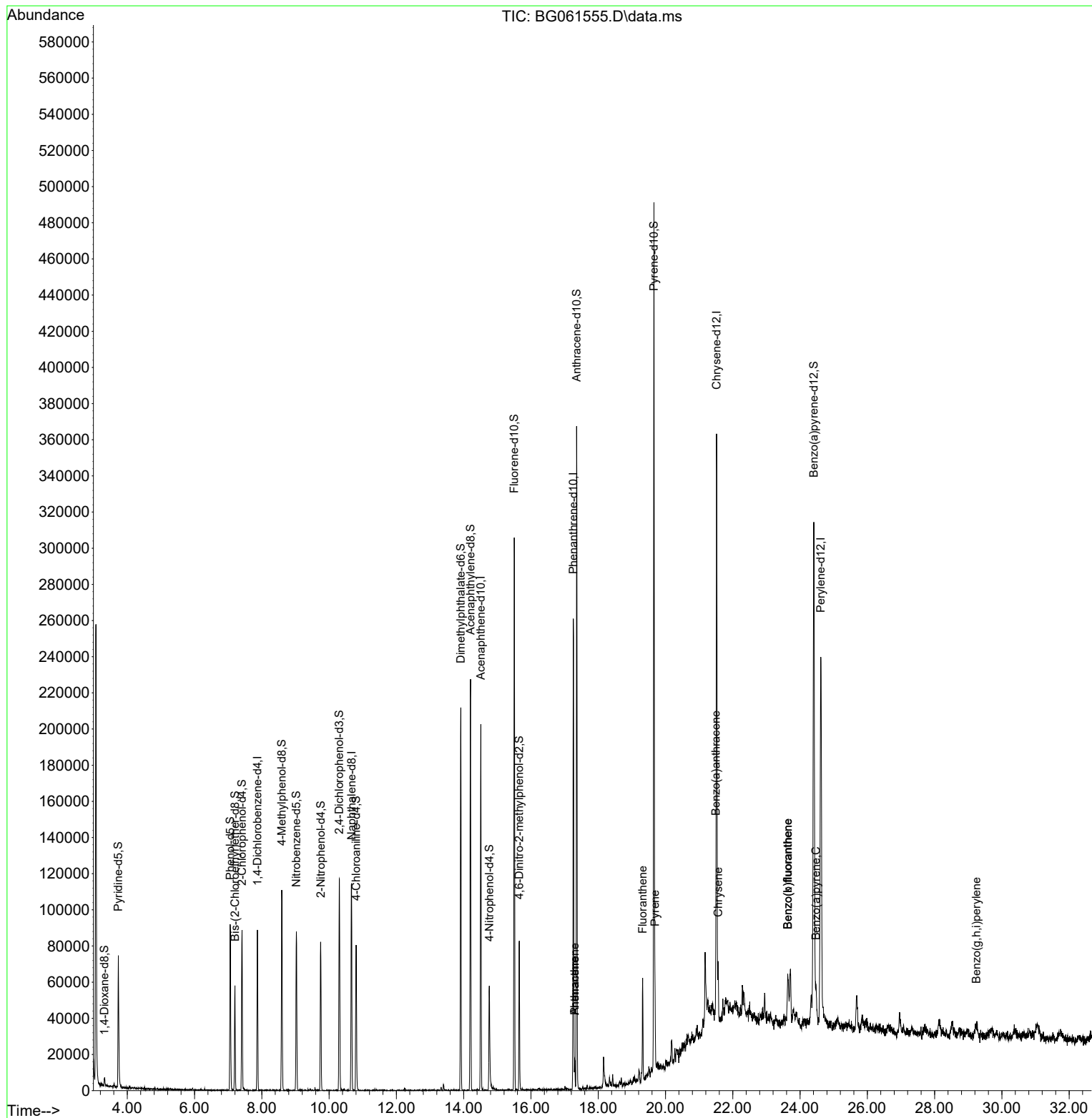
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	91671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	72014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	171962	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	188810	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	214648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2131	5.275	ng/uL	-0.04
4) Pyridine-d5	3.733	84	32169	22.382	ng/ul	-0.04
7) Phenol-d5	7.059	99	44324	23.873	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	24003	20.568	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	35475	25.817	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	38590	24.375	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	18670	26.452	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.750	143	21500	26.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	44800	27.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	40024	18.998	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	142270	25.472	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	155594	26.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	14519	21.026	ng/ul	0.00
60) Fluorene-d10	15.502	176	127498	26.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	19399	18.652	ng/ul	0.00
73) Anthracene-d10	17.359	188	217946	28.748	ng/ul	0.00
81) Pyrene-d10	19.656	212	269279	27.776	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.409	264	298897	28.965	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.300	178	11739	1.406	ng/ul	94
74) Anthracene	17.300	178	11739	1.360	ng/ul	96
80) Fluoranthene	19.321	202	35249	3.031	ng/ul#	95
82) Pyrene	19.685	202	31381	2.600	ng/ul#	96
85) Benzo(a)anthracene	21.501	228	17645	1.354	ng/ul#	91
87) Chrysene	21.566	228	22177	1.849	ng/ul	93
90) Benzo(b)fluoranthene	23.634	252	33943	2.656	ng/ul	97
91) Benzo(k)fluoranthene	23.634	252	33943	2.616	ng/ul	93
93) Benzo(a)pyrene	24.474	252	18369	1.514	ng/ul	99
96) Benzo(g,h,i)perylene	29.245	276	12546	1.075	ng/ul#	90

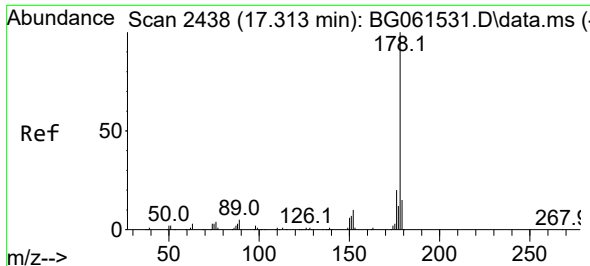
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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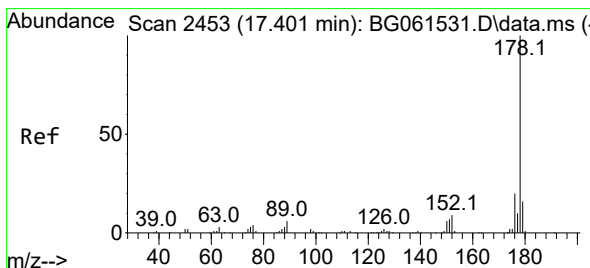
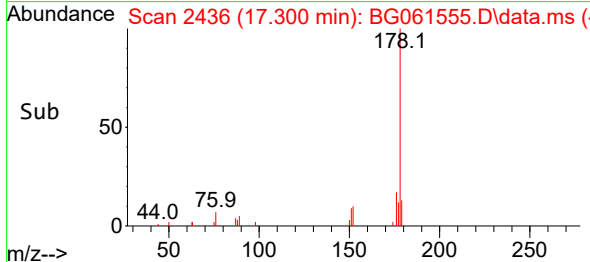
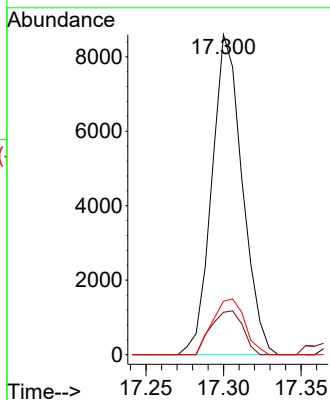
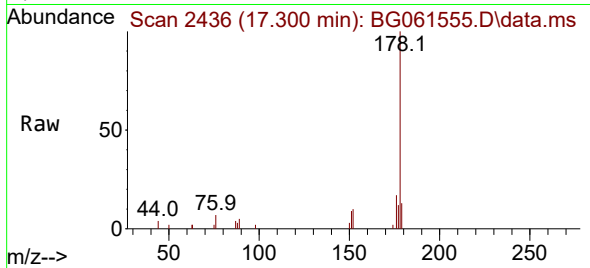




#72
Phenanthrene
Concen: 1.406 ng/ul
RT: 17.300 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

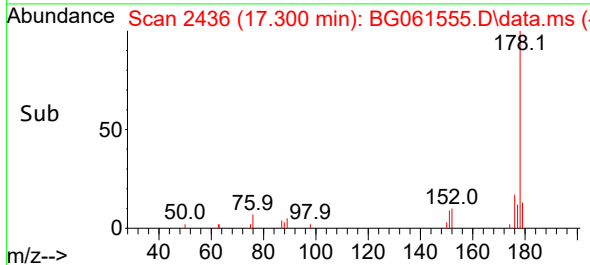
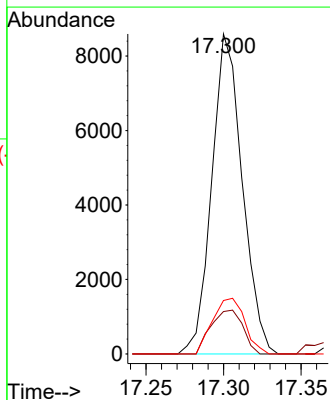
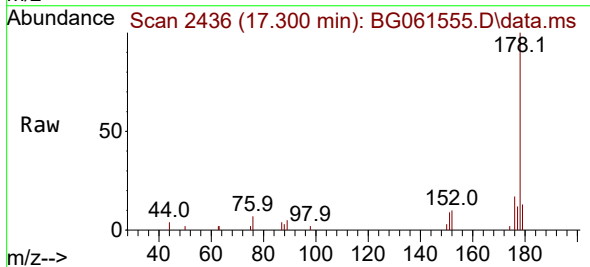
Instrument :
BNA_G
ClientSampleId :
A4BH5

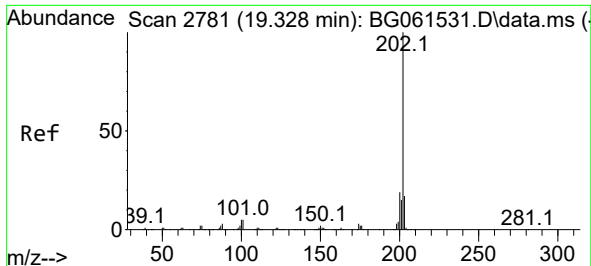
Tgt Ion:	178	Resp:	11739
Ion Ratio	Lower	Upper	
178	100		
179	13.3	12.7	19.1
176	16.7	15.5	23.3



#74
Anthracene
Concen: 1.360 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. -0.095 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

Tgt Ion:	178	Resp:	11739
Ion Ratio	Lower	Upper	
178	100		
179	13.3	11.8	17.6
176	16.7	14.9	22.3

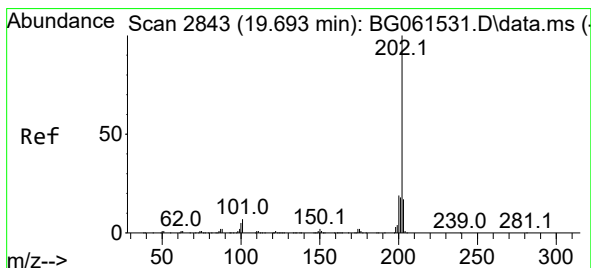
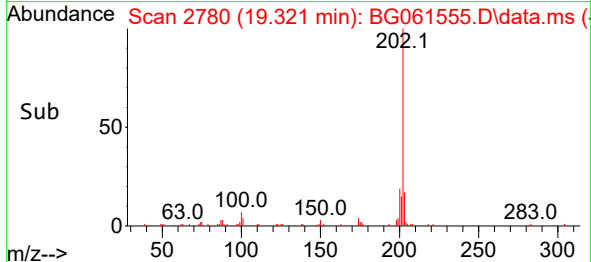
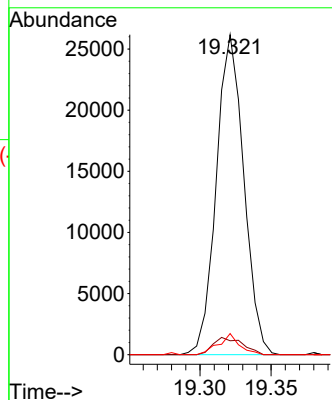
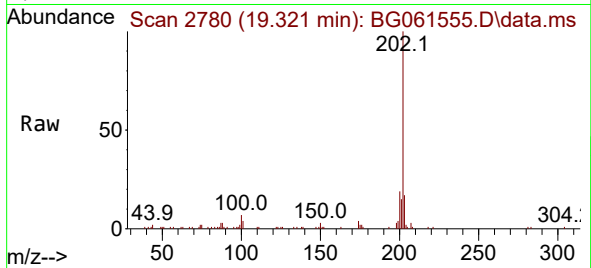




#80
Fluoranthene
Concen: 3.031 ng/u1
RT: 19.321 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

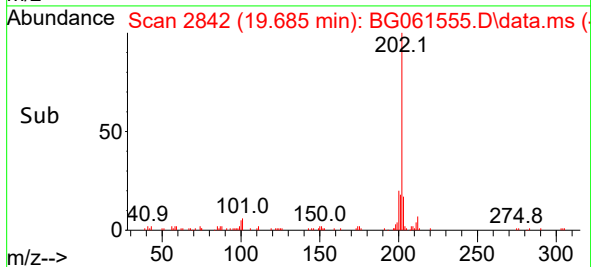
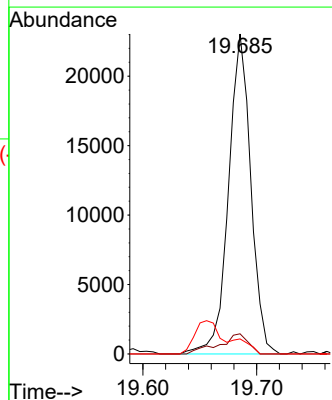
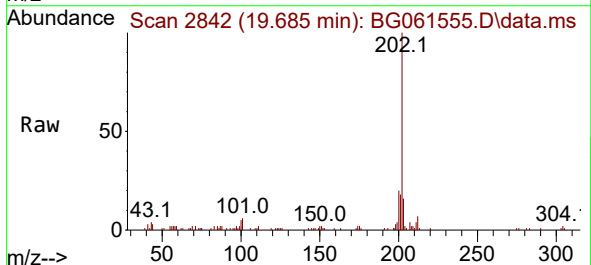
Instrument :
BNA_G
ClientSampleId :
A4BH5

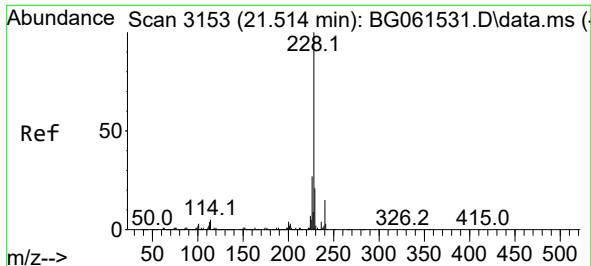
Tgt Ion:202 Resp: 35249
Ion Ratio Lower Upper
202 100
101 4.4 4.8 7.2#
100 6.6 4.1 6.1#



#82
Pyrene
Concen: 2.600 ng/u1
RT: 19.685 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

Tgt Ion:202 Resp: 31381
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 4.7 5.1 7.7#

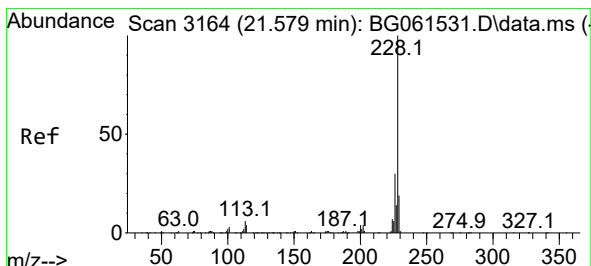
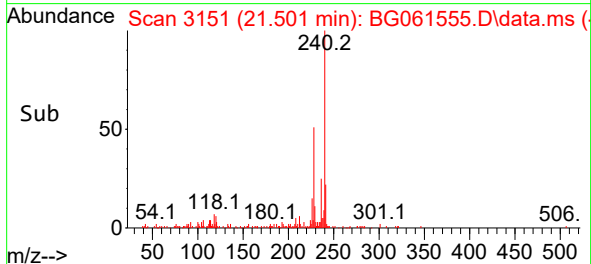
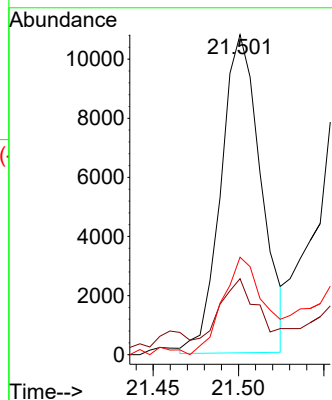
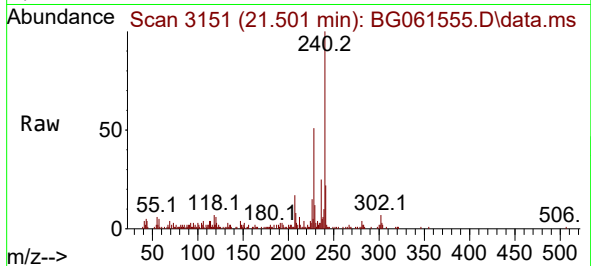




#85
Benzo(a)anthracene
Concen: 1.354 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

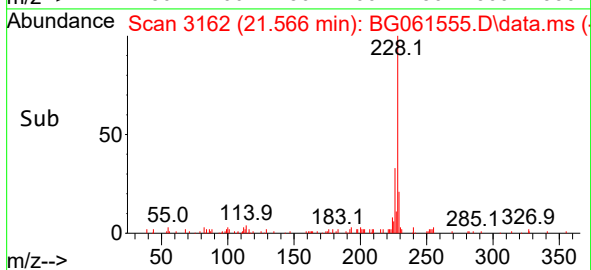
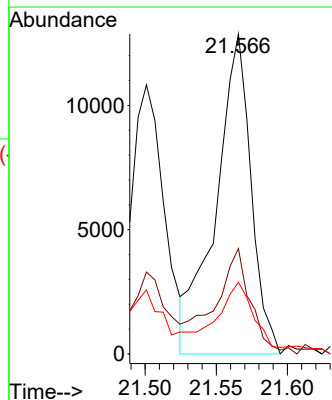
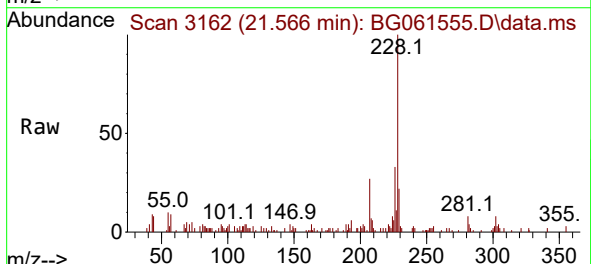
Instrument :
BNA_G
ClientSampleId :
A4BH5

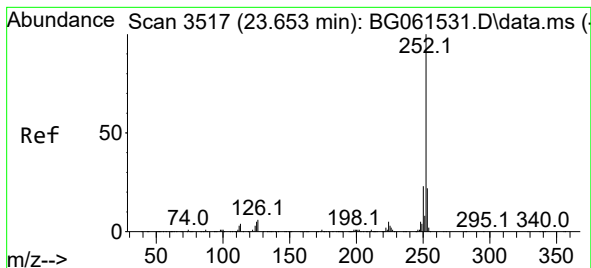
Tgt Ion:228 Resp: 17645
Ion Ratio Lower Upper
228 100
229 23.8 15.2 22.8#
226 30.5 21.4 32.2



#87
Chrysene
Concen: 1.849 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

Tgt Ion:228 Resp: 22177
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.0
229 22.4 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 2.656 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. -0.001 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Instrument :

BNA_G

ClientSampleId :

A4BH5

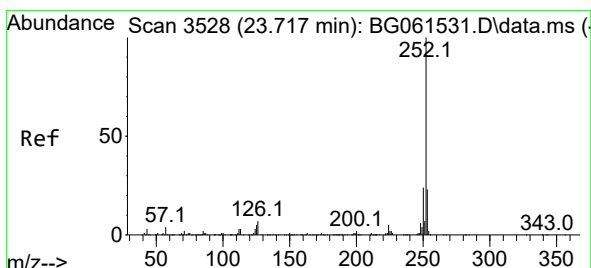
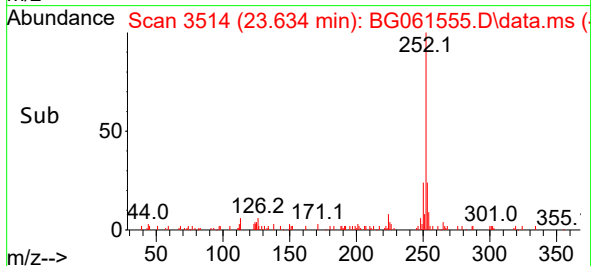
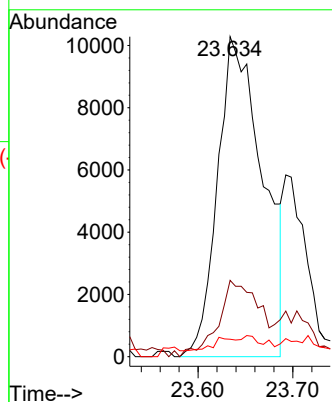
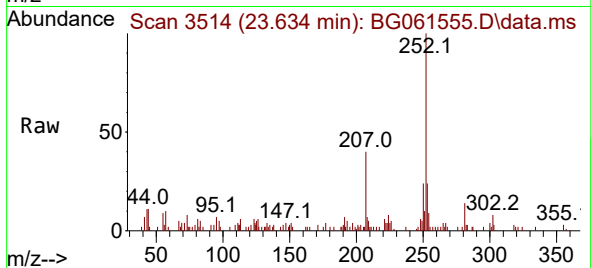
Tgt Ion:252 Resp: 33943

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 5.5 4.6 6.8



#91

Benzo(k)fluoranthene

Concen: 2.616 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. -0.065 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

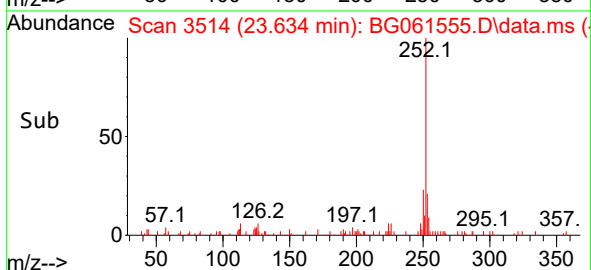
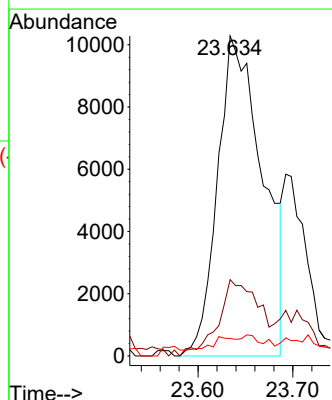
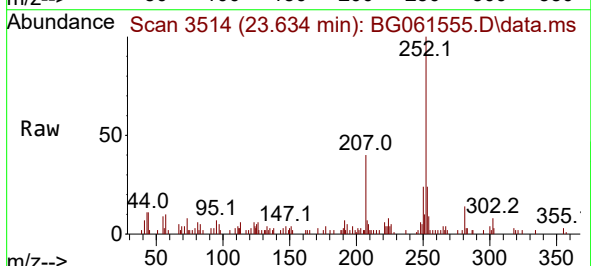
Tgt Ion:252 Resp: 33943

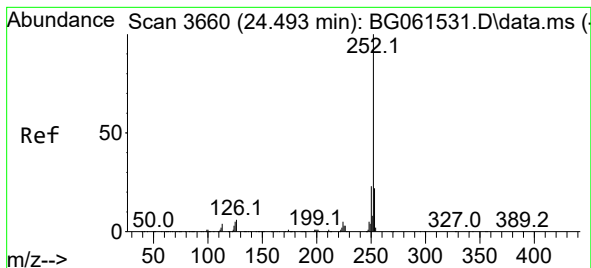
Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

125 5.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 1.514 ng/ul

RT: 24.474 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Instrument :

BNA_G

ClientSampleId :

A4BH5

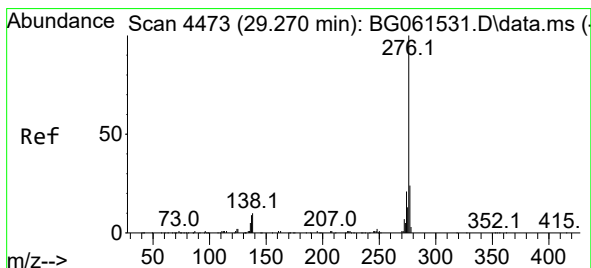
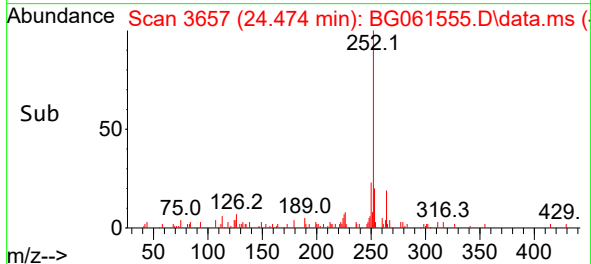
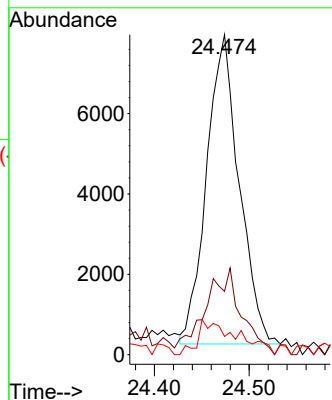
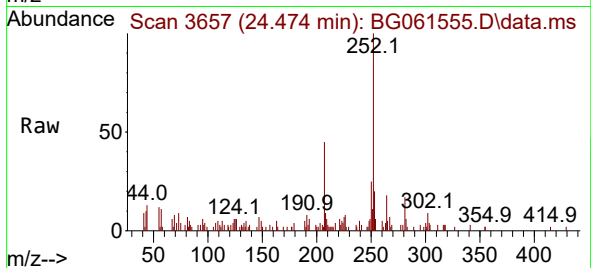
Tgt Ion:252 Resp: 18369

Ion Ratio Lower Upper

252 100

253 19.8 16.4 24.6

125 5.7 4.3 6.5



#96

Benzo(g,h,i)perylene

Concen: 1.075 ng/ul

RT: 29.245 min Scan# 4469

Delta R.T. 0.023 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Tgt Ion:276 Resp: 12546

Ion Ratio Lower Upper

276 100

138 20.1 8.7 13.1#

277 24.1 18.2 27.2

