

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057996.D
 Acq On : 4 Jul 2023 21:05
 Operator : CG/JU
 Sample : 03248-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

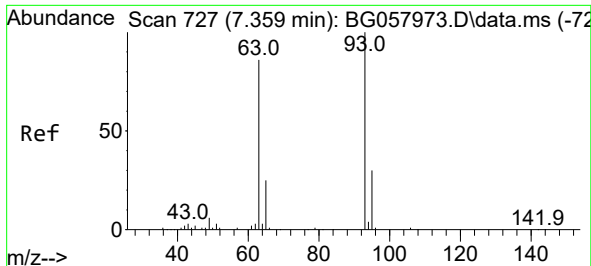
Quant Time: Jul 05 00:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	53204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	247702	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	165850	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	356814	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	293393	20.000	ng/ul	0.00
88) Perylene-d12	24.740	264	348360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5436	3.578	ng/uL	0.00
4) Pyridine-d5	3.793	84	20862	4.523	ng/ul	0.00
7) Phenol-d5	7.107	99	109765	20.202	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	78766	24.055	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	89663	23.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	46217	11.273	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	49850	24.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	55997	26.391	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	95524	23.468	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	33643	5.452	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	326923	24.983	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	382280	26.771	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	31902	13.799	ng/ul	0.00
60) Fluorene-d10	15.568	176	292952	26.361	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	33243	17.158	ng/ul	0.00
73) Anthracene-d10	17.413	188	372304	22.486	ng/ul	0.00
81) Pyrene-d10	19.704	212	501085	27.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	487676	27.478	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.378	93	4339	1.019	ng/ul#	16
80) Fluoranthene	19.369	202	57164	2.670	ng/ul	99
82) Pyrene	19.734	202	59293	2.751	ng/ul	99
85) Benzo(a)anthracene	21.549	228	50195	2.383	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.455	149	35898	2.866	ng/ul#	95
87) Chrysene	21.620	228	54824	2.776	ng/ul	98
90) Benzo(b)fluoranthene	23.735	252	112096	5.197	ng/ul#	97
91) Benzo(k)fluoranthene	23.735	252	112096	5.302	ng/ul#	96
93) Benzo(a)pyrene	24.593	252	48999	2.567	ng/ul#	96

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

Quant Time: Jul 05 00:14:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration





#10

Bis(2-Chloroethyl)ether

Concen: 1.019 ng/ul

RT: 7.378 min Scan# 71

Delta R.T. 0.018 min

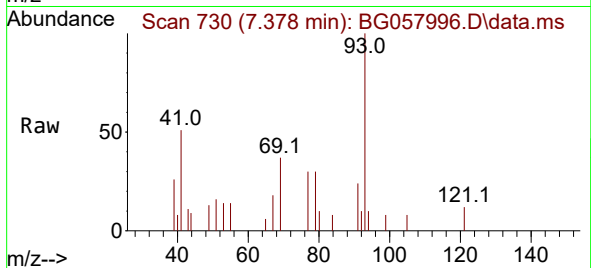
Lab File: BG057996.D

Acq: 4 Jul 2023 21:05

Instrument :

BNA_G

ClientSampleId :



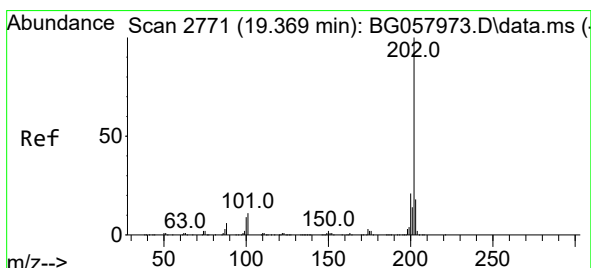
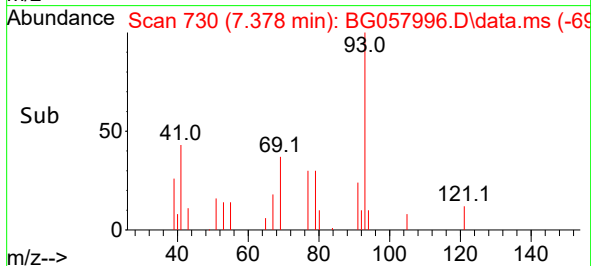
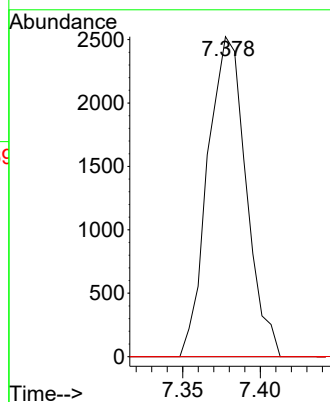
Tgt Ion: 93 Resp: 4339

Ion Ratio Lower Upper

93 100

63 0.0 69.4 104.0#

95 0.0 27.0 40.6#



#80

Fluoranthene

Concen: 2.670 ng/ul

RT: 19.369 min Scan# 2771

Delta R.T. 0.001 min

Lab File: BG057996.D

Acq: 4 Jul 2023 21:05

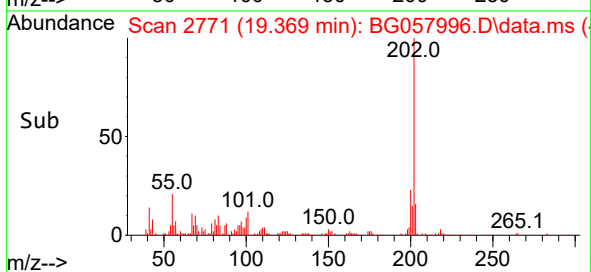
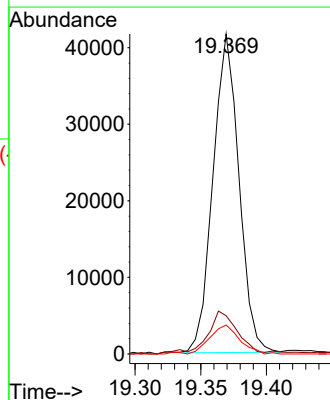
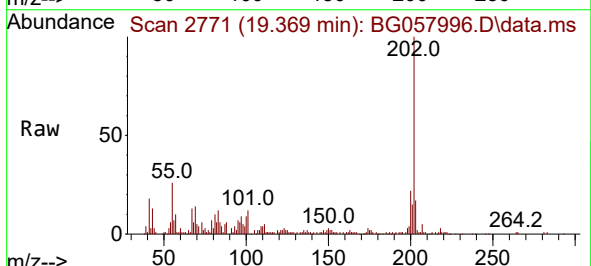
Tgt Ion: 202 Resp: 57164

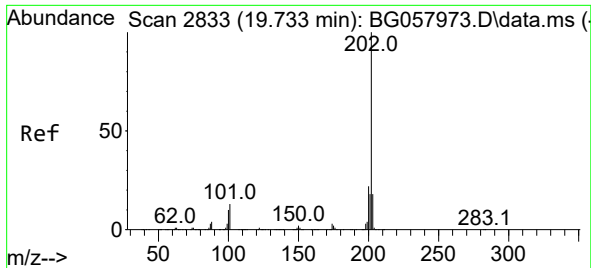
Ion Ratio Lower Upper

202 100

101 11.9 9.1 13.7

100 9.0 7.1 10.7

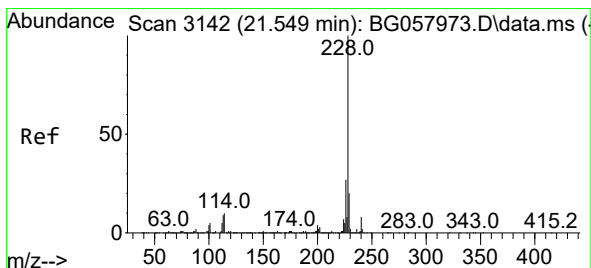
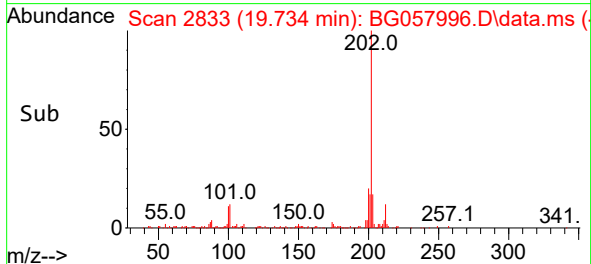
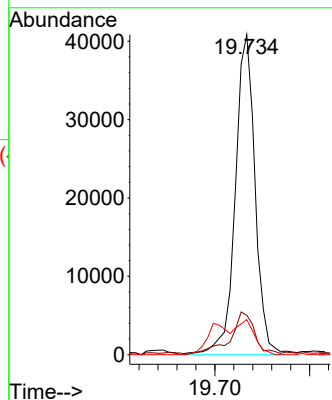
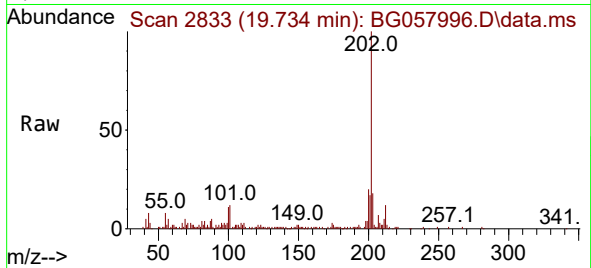




#82
 Pyrene
 Concen: 2.751 ng/ul
 RT: 19.734 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057996.D
 Acq: 4 Jul 2023 21:05

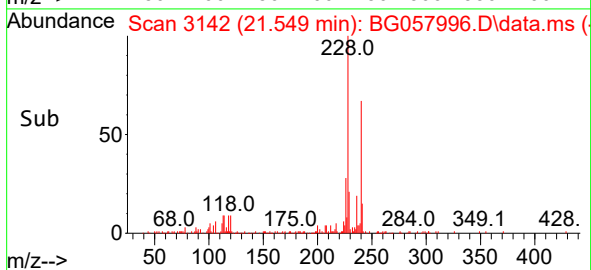
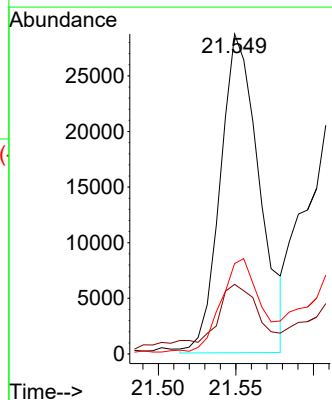
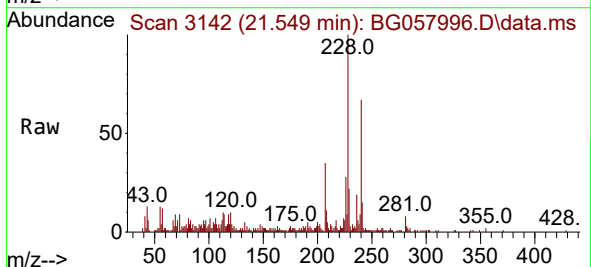
Instrument :
 BNA_G
 ClientSampleId :

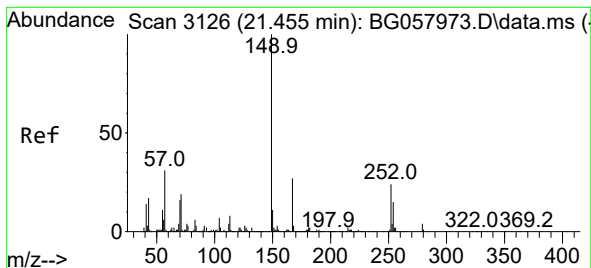
Tgt Ion:202 Resp: 59293
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.2 15.2
 100 10.9 8.9 13.3



#85
 Benzo(a)anthracene
 Concen: 2.383 ng/ul
 RT: 21.549 min Scan# 3142
 Delta R.T. 0.001 min
 Lab File: BG057996.D
 Acq: 4 Jul 2023 21:05

Tgt Ion:228 Resp: 50195
 Ion Ratio Lower Upper
 228 100
 229 21.7 16.0 24.0
 226 28.3 22.0 33.0

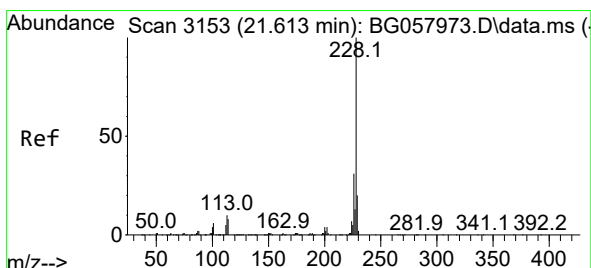
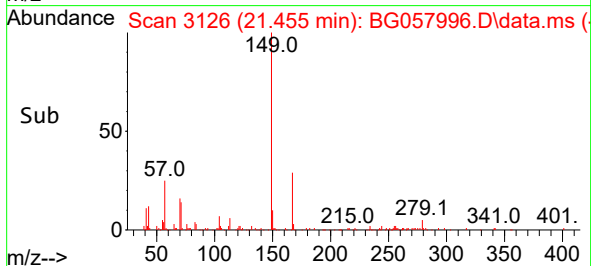
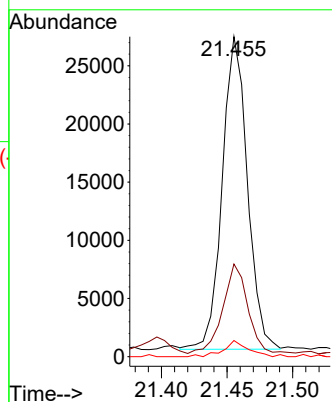
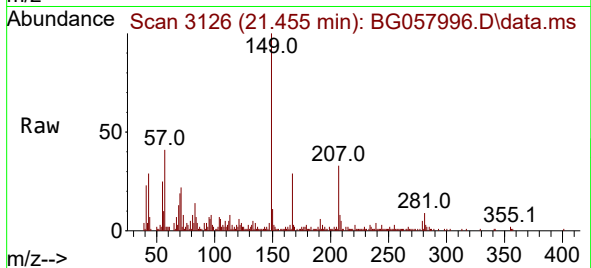




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.866 ng/ul
 RT: 21.455 min Scan# 3126
 Delta R.T. 0.001 min
 Lab File: BG057996.D
 Acq: 4 Jul 2023 21:05

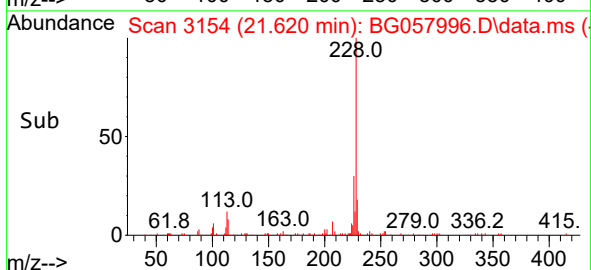
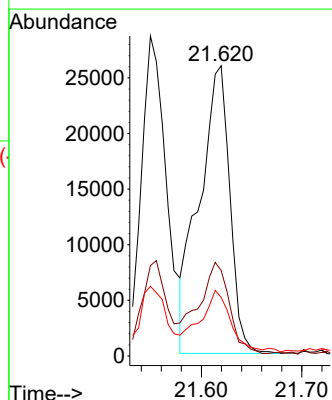
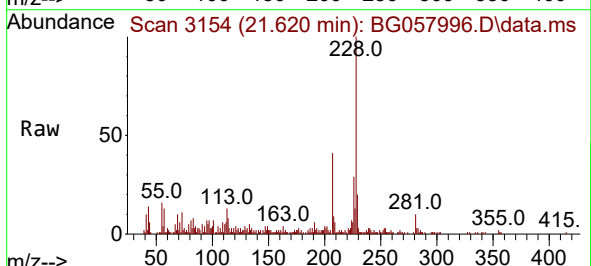
Instrument :
 BNA_G
 ClientSampleId :

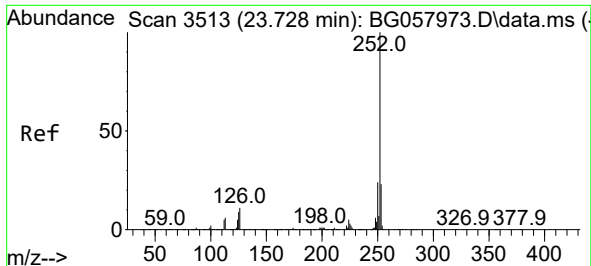
Tgt Ion:149 Resp: 35898
 Ion Ratio Lower Upper
 149 100
 167 29.0 20.9 31.3
 279 5.0 3.1 4.7#



#87
 Chrysene
 Concen: 2.776 ng/ul
 RT: 21.620 min Scan# 3154
 Delta R.T. 0.007 min
 Lab File: BG057996.D
 Acq: 4 Jul 2023 21:05

Tgt Ion:228 Resp: 54824
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.4 36.6
 229 20.2 15.5 23.3

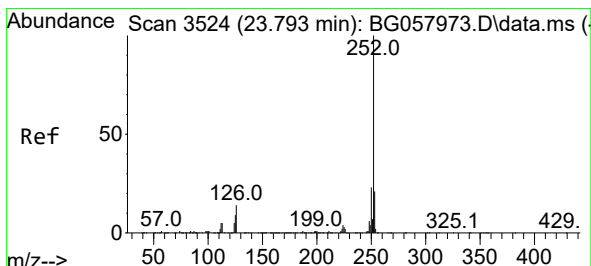
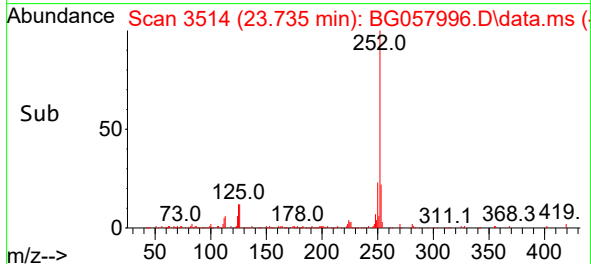
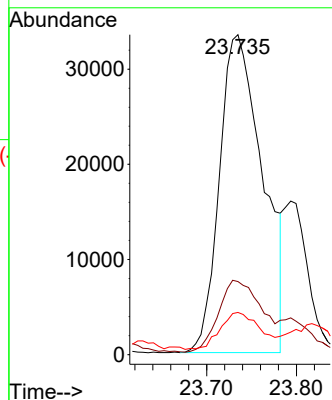
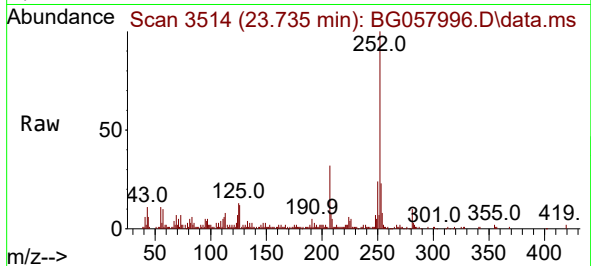




#90
Benzo(b)fluoranthene
Concen: 5.197 ng/ul
RT: 23.735 min Scan# 3514
Delta R.T. 0.007 min
Lab File: BG057996.D
Acq: 4 Jul 2023 21:05

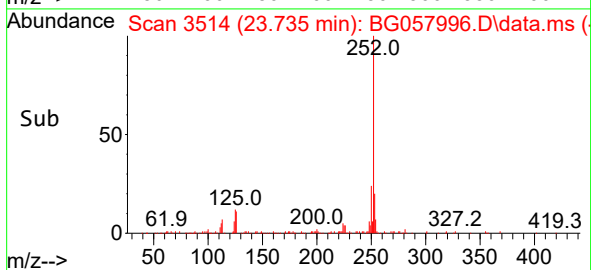
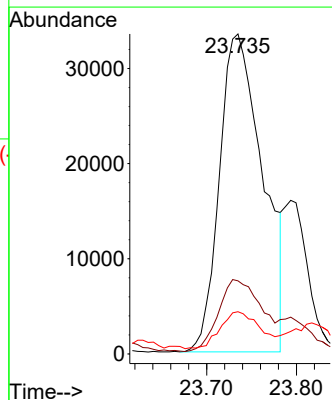
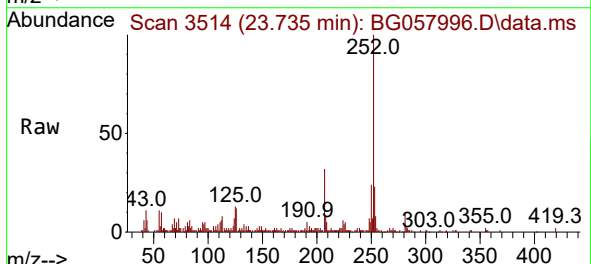
Instrument :
BNA_G
ClientSampleId :

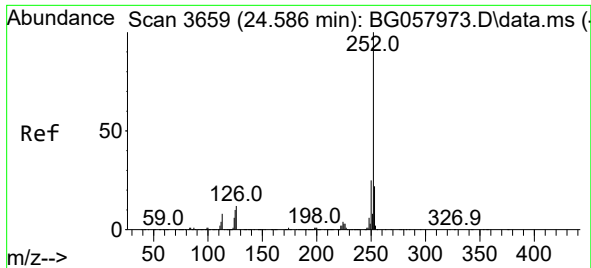
Tgt Ion:252 Resp: 112096
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.2 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 5.302 ng/ul
RT: 23.735 min Scan# 3514
Delta R.T. -0.058 min
Lab File: BG057996.D
Acq: 4 Jul 2023 21:05

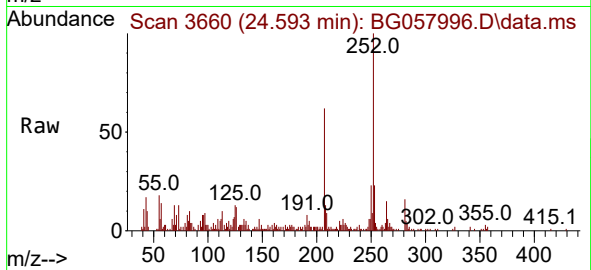
Tgt Ion:252 Resp: 112096
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.2 7.4 11.2#





#93
 Benzo(a)pyrene
 Concen: 2.567 ng/ul
 RT: 24.593 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG057996.D
 Acq: 4 Jul 2023 21:05

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:252 Resp: 48999
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.6
 125 12.8 8.3 12.5#

