

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
 Data File : BG056794.D
 Acq On : 2 Mar 2023 17:26
 Operator : CG/JU
 Sample : 01710-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBAA2

Quant Time: Mar 03 00:59:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

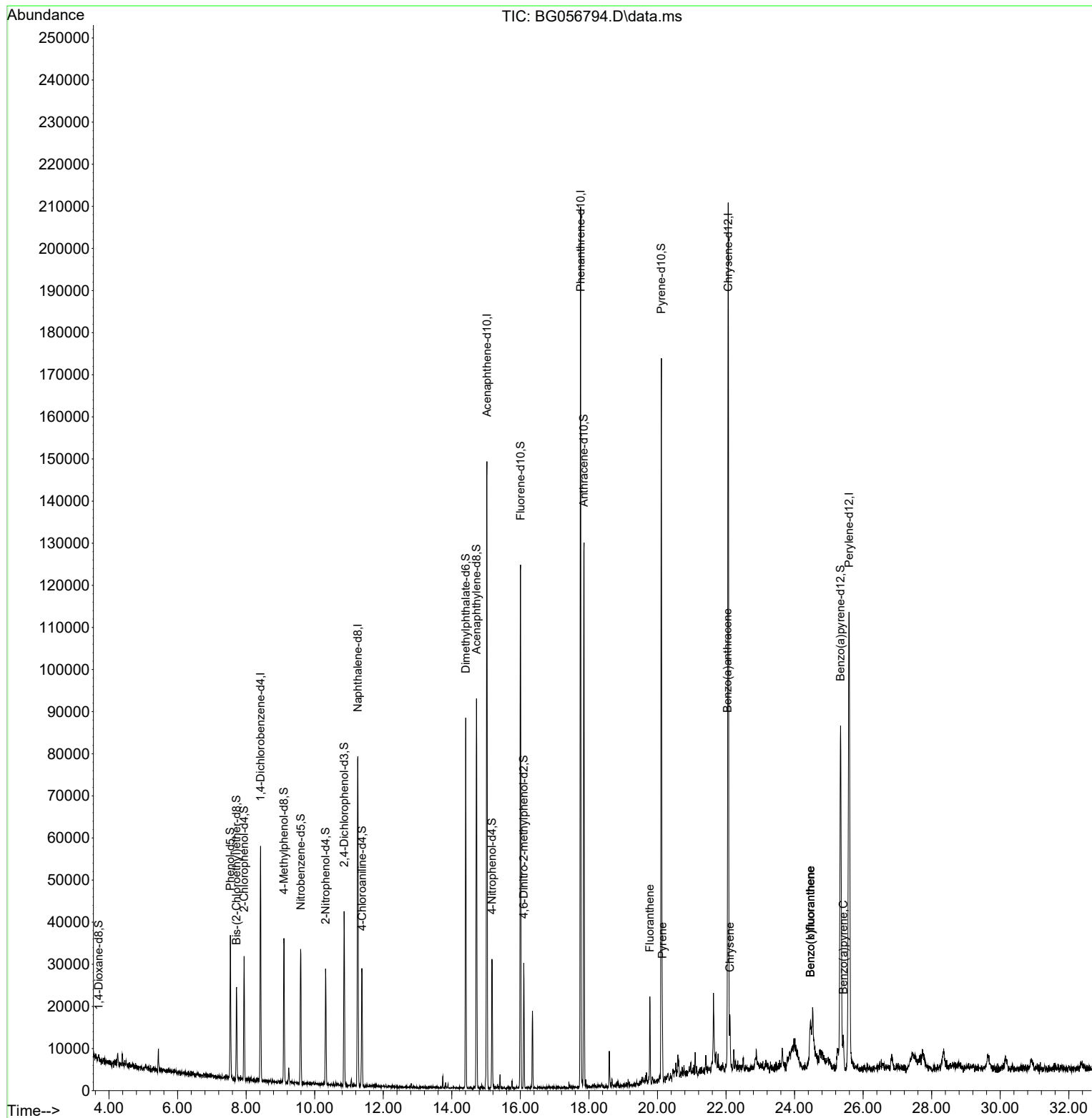
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	14941	20.000	ng/u1	0.00
20) Naphthalene-d8	11.259	136	65711	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.025	164	53800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	135681	20.000	ng/u1	0.00
79) Chrysene-d12	22.064	240	128628	20.000	ng/u1	0.00
88) Perylene-d12	25.589	264	138161	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	692	2.569	ng/uL	0.00
4) Pyridine-d5	4.132	84	85	0.078	ng/u1	0.00
7) Phenol-d5	7.539	99	17792	11.900	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.716	67	11204	12.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	12456	12.545	ng/u1	0.00
15) 4-Methylphenol-d8	9.102	113	12693	11.111	ng/u1	0.00
21) Nitrobenzene-d5	9.596	128	6786	12.323	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	8563	13.063	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.859	165	14890	12.058	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	14212	8.824	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	56699	13.062	ng/u1	0.00
49) Acenaphthylene-d8	14.719	160	64700	13.115	ng/u1	0.00
54) 4-Nitrophenol-d4	15.172	143	7339	9.806	ng/u1	0.00
60) Fluorene-d10	16.006	176	53972	13.442	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.100	200	9061	9.982	ng/u1	0.00
73) Anthracene-d10	17.851	188	84321	12.810	ng/u1	0.00
81) Pyrene-d10	20.113	212	104121	11.962	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.342	264	98305	13.182	ng/u1	0.00
Target Compounds						Qvalue
80) Fluoranthene	19.778	202	14102	1.340	ng/u1	98
82) Pyrene	20.142	202	12962	1.250	ng/u1#	96
85) Benzo(a)anthracene	22.046	228	11256	1.202	ng/u1	96
87) Chrysene	22.116	228	11114	1.275	ng/u1	95
90) Benzo(b)fluoranthene	24.461	252	15407	1.666	ng/u1	99
91) Benzo(k)fluoranthene	24.461	252	15407	1.710	ng/u1	99
93) Benzo(a)pyrene	25.424	252	9679	1.191	ng/u1#	95

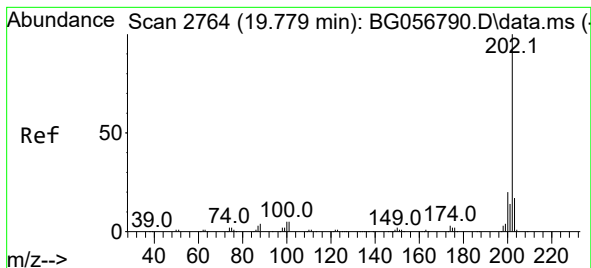
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#80

Fluoranthene

Concen: 1.340 ng/ul

RT: 19.778 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

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DBAA2

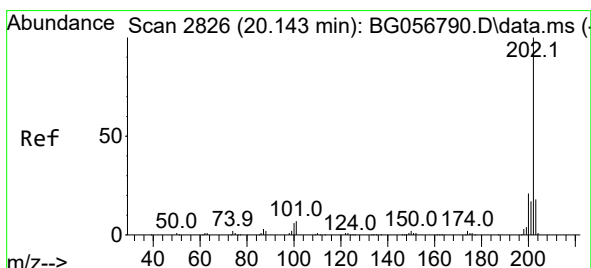
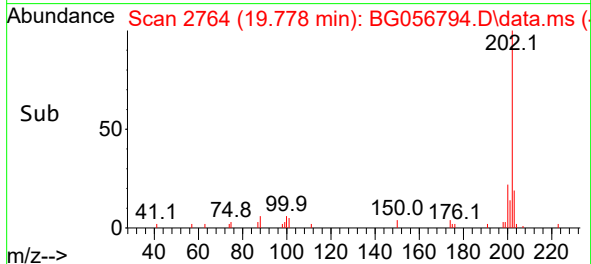
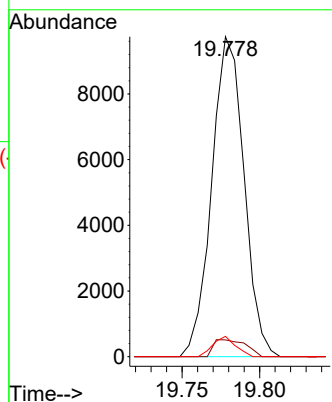
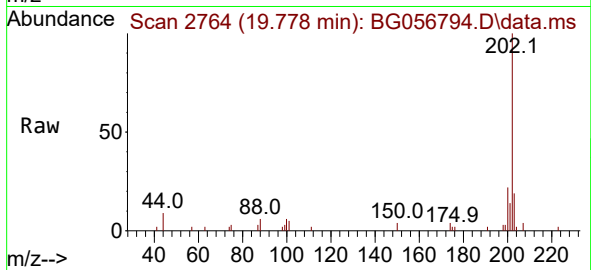
Tgt Ion:202 Resp: 14102

Ion Ratio Lower Upper

202 100

101 5.3 4.7 7.1

100 6.4 4.4 6.6



#82

Pyrene

Concen: 1.250 ng/ul

RT: 20.142 min Scan# 2826

Delta R.T. 0.004 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

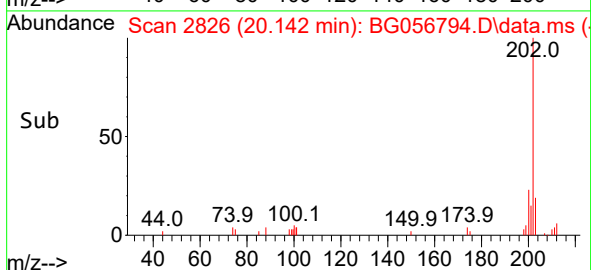
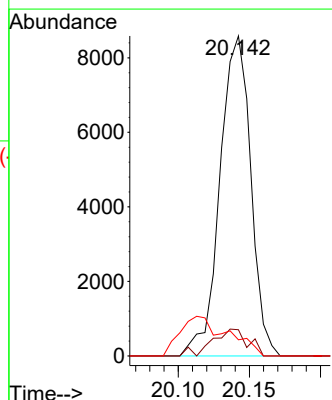
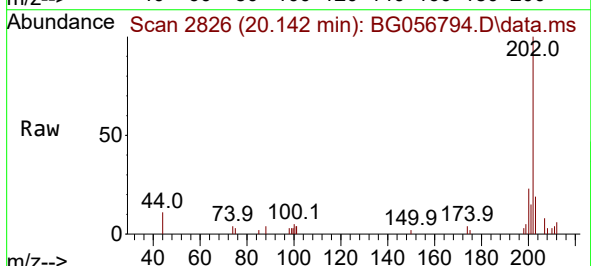
Tgt Ion:202 Resp: 12962

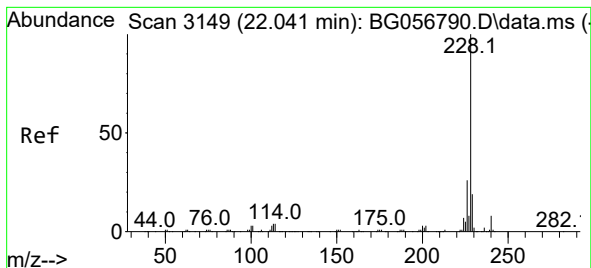
Ion Ratio Lower Upper

202 100

101 8.2 5.3 7.9#

100 5.0 4.6 7.0





#85

Benzo(a)anthracene

Concen: 1.202 ng/ul

RT: 22.046 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

Instrument :

BNA_G

ClientSampleId :

DBAA2

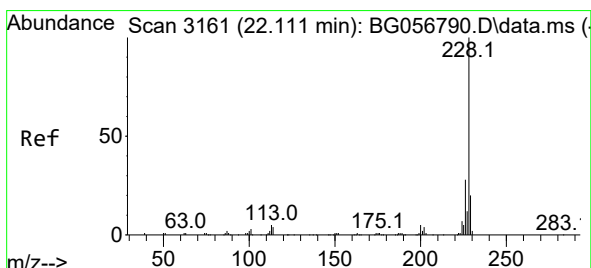
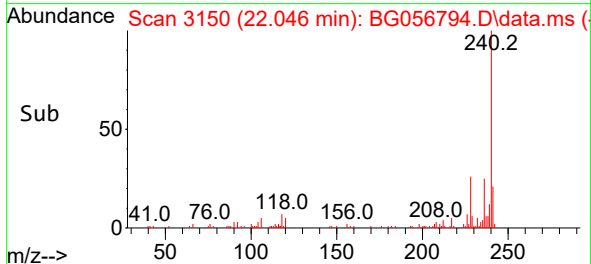
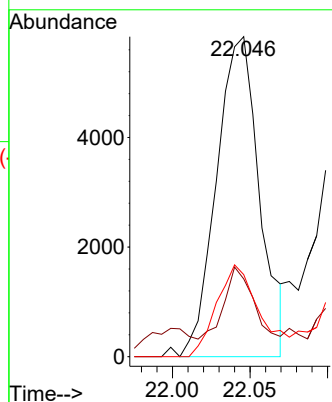
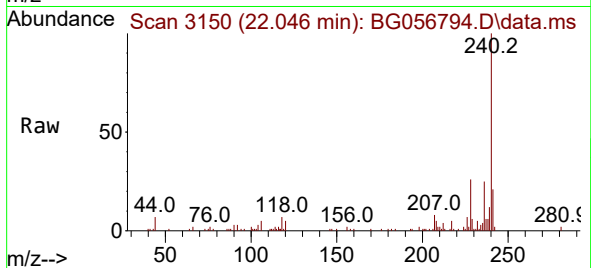
Tgt Ion:228 Resp: 11256

Ion Ratio Lower Upper

228 100

229 24.3 16.2 24.4

226 25.7 20.6 31.0



#87

Chrysene

Concen: 1.275 ng/ul

RT: 22.116 min Scan# 3162

Delta R.T. 0.004 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

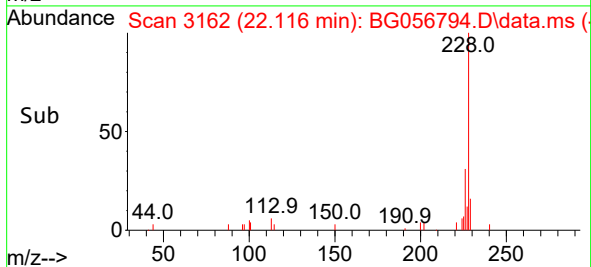
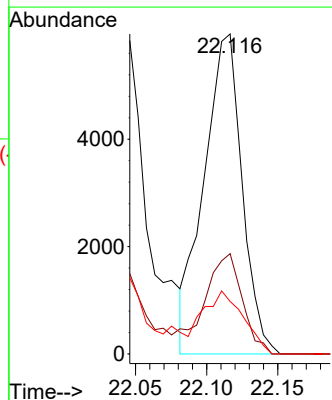
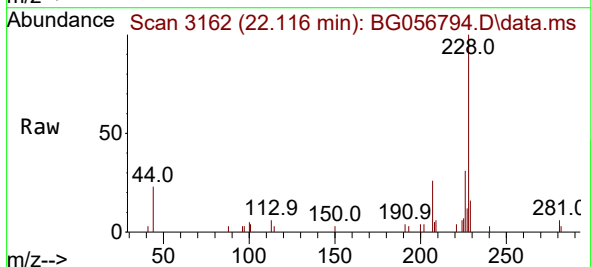
Tgt Ion:228 Resp: 11114

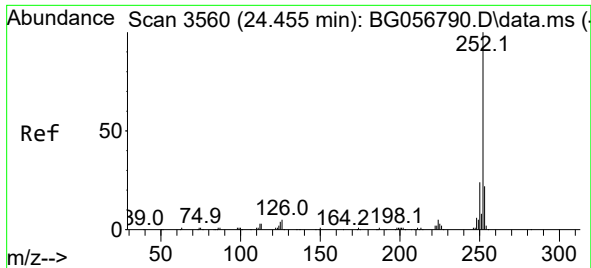
Ion Ratio Lower Upper

228 100

226 31.4 23.6 35.4

229 16.4 15.4 23.0





#90

Benzo(b)fluoranthene

Concen: 1.666 ng/ul

RT: 24.461 min Scan# 3561

Delta R.T. 0.004 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

Instrument :

BNA_G

ClientSampleId :

DBAA2

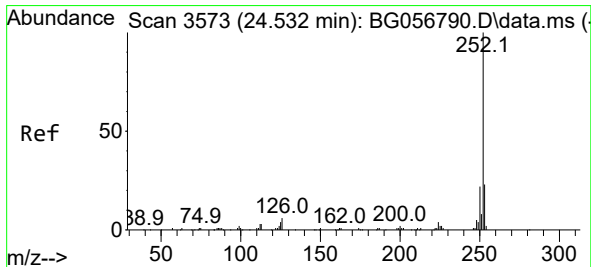
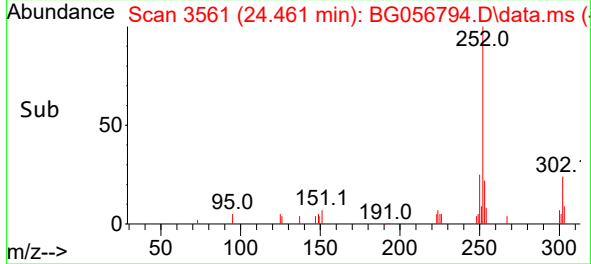
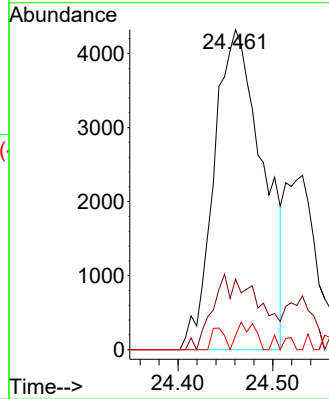
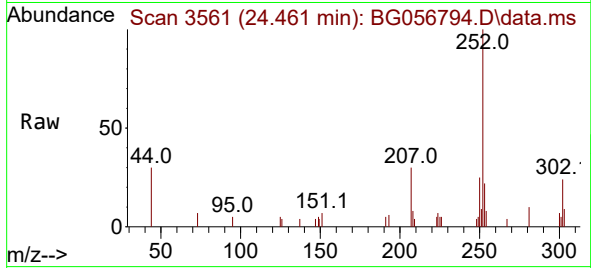
Tgt Ion:252 Resp: 15407

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.5 3.0 4.6



#91

Benzo(k)fluoranthene

Concen: 1.710 ng/ul

RT: 24.461 min Scan# 3561

Delta R.T. -0.073 min

Lab File: BG056794.D

Acq: 2 Mar 2023 17:26

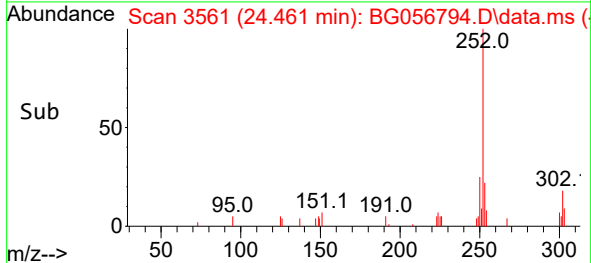
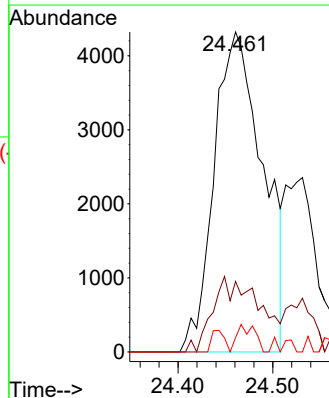
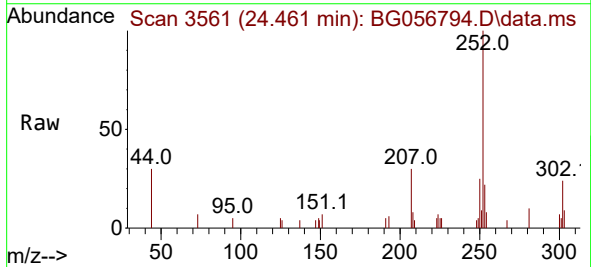
Tgt Ion:252 Resp: 15407

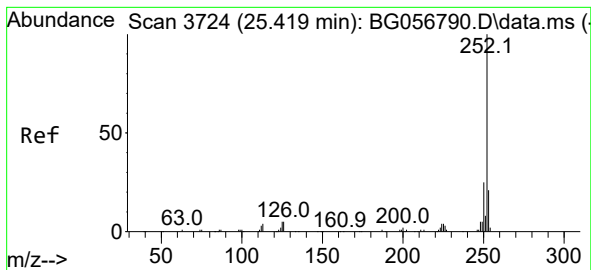
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 4.5 3.4 5.2





#93

Benzo(a)pyrene

Concen: 1.191 ng/ul

RT: 25.424 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG056794.D

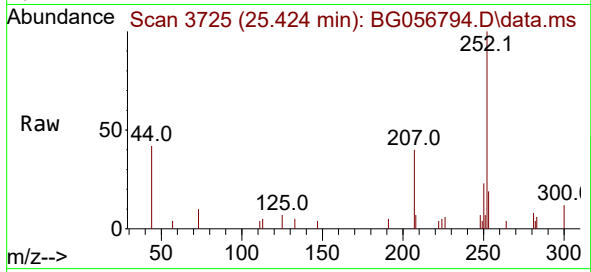
Acq: 2 Mar 2023 17:26

Instrument :

BNA_G

ClientSampleId :

DBAA2



Tgt Ion:252 Resp: 9679

Ion Ratio Lower Upper

252 100

253 19.4 17.4 26.0

125 6.6 3.6 5.4#

