

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058007.D
 Acq On : 5 Jul 2023 5:28
 Operator : CG/JU
 Sample : 03248-08
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN6

Quant Time: Jul 05 06:11:03 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

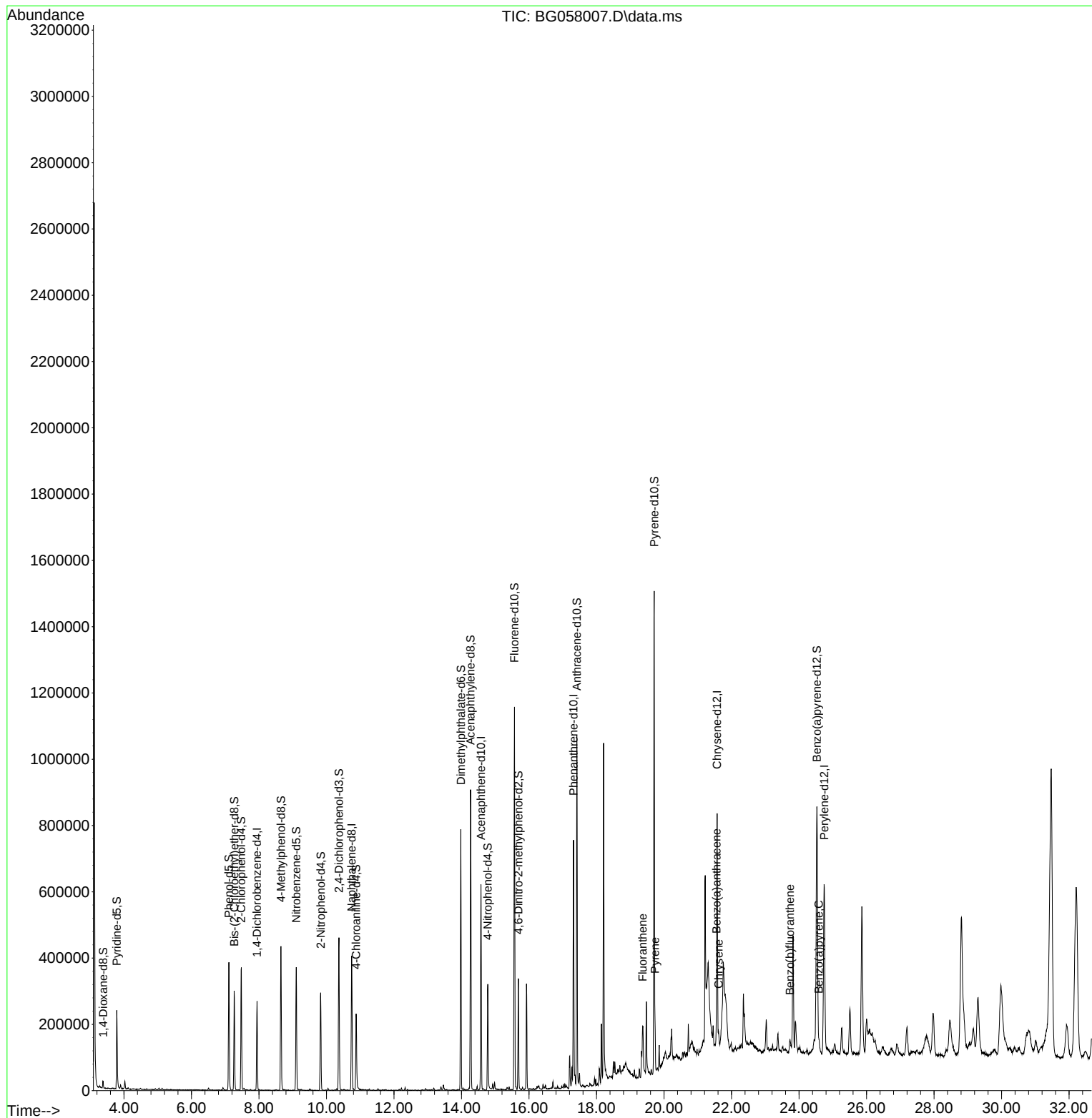
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	74417	20.000	ng/ul	0.00
20) Naphthalene-d8	10.743	136	344426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	227719	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	479694	20.000	ng/ul	0.00
79) Chrysene-d12	21.571	240	397848	20.000	ng/ul	0.00
88) Perylene-d12	24.744	264	482305	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	10709	5.039	ng/uL	0.00
4) Pyridine-d5	3.786	84	131206	20.336	ng/ul	0.00
7) Phenol-d5	7.106	99	238963	31.443	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	141595	30.917	ng/ul	0.00
11) 2-Chlorophenol-d4	7.476	132	176029	33.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	172440	30.071	ng/ul	0.00
21) Nitrobenzene-d5	9.103	128	89871	32.014	ng/ul	0.00
24) 2-Nitrophenol-d4	9.826	143	102417	34.713	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	182746	32.288	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	137072	15.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	543375	30.242	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	635725	32.424	ng/ul	0.00
54) 4-Nitrophenol-d4	14.779	143	85526	26.942	ng/ul	0.00
60) Fluorene-d10	15.566	176	475383	31.154	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	75553	29.006	ng/ul	0.00
73) Anthracene-d10	17.417	188	661578	29.722	ng/ul	0.00
81) Pyrene-d10	19.709	212	824116	32.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.526	264	850782	34.624	ng/ul	0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.368	202	55027	1.895	ng/ul	99
82) Pyrene	19.732	202	46871	1.604	ng/ul#	94
85) Benzo(a)anthracene	21.553	228	31304	1.096	ng/ul	95
87) Chrysene	21.618	228	32076	1.198	ng/ul#	95
90) Benzo(b)fluoranthene	23.733	252	50853	1.703	ng/ul#	96
93) Benzo(a)pyrene	24.585	252	30644	1.159	ng/ul#	95

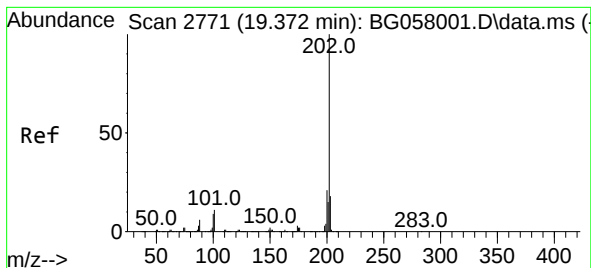
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#80

Fluoranthene

Concen: 1.895 ng/ul

RT: 19.368 min Scan# 21

Delta R.T. -0.001 min

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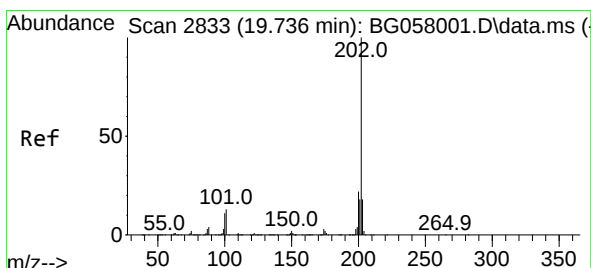
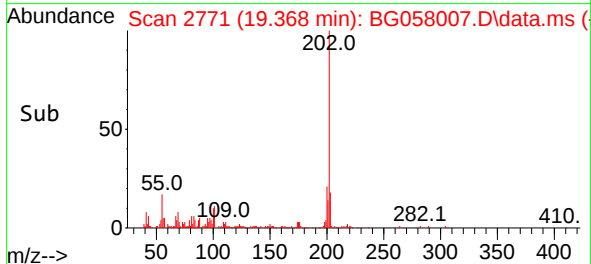
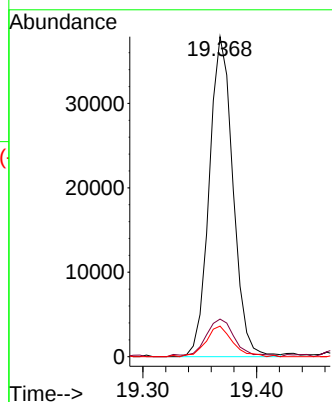
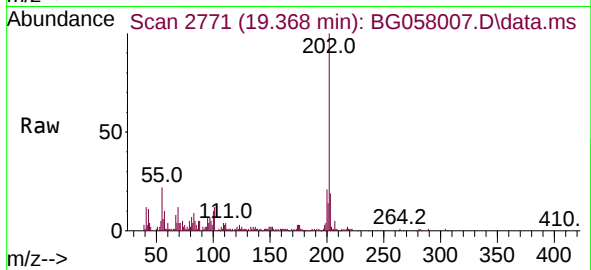
Tgt Ion:202 Resp: 55027

Ion Ratio Lower Upper

202 100

101 11.8 9.1 13.7

100 9.6 7.1 10.7



#82

Pyrene

Concen: 1.604 ng/ul

RT: 19.732 min Scan# 2833

Delta R.T. -0.001 min

Lab File: BG058007.D

Acq: 5 Jul 2023 5:28

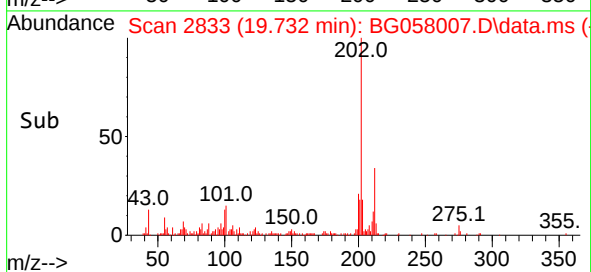
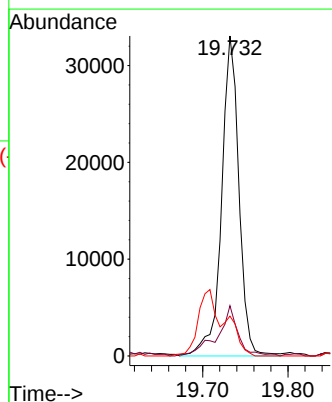
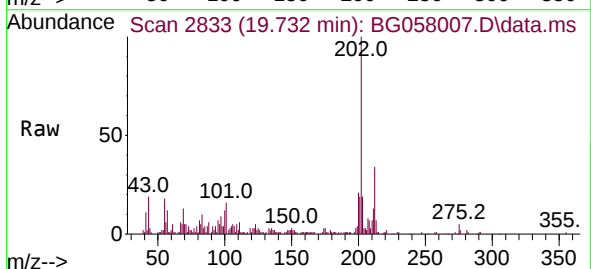
Tgt Ion:202 Resp: 46871

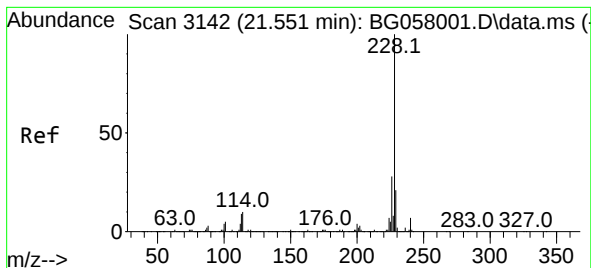
Ion Ratio Lower Upper

202 100

101 15.7 10.2 15.2#

100 12.5 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.096 ng/ul

RT: 21.553 min Scan# 3142

Delta R.T. 0.005 min

Lab File: BG058007.D

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Instrument :

BNA_G

ClientSampleId :

DCGN6

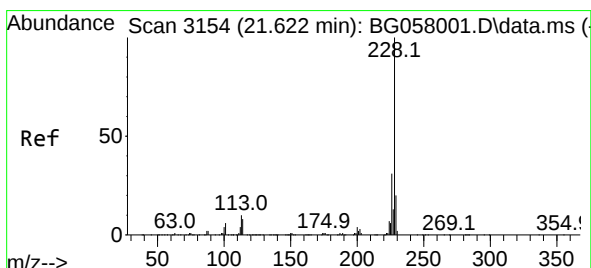
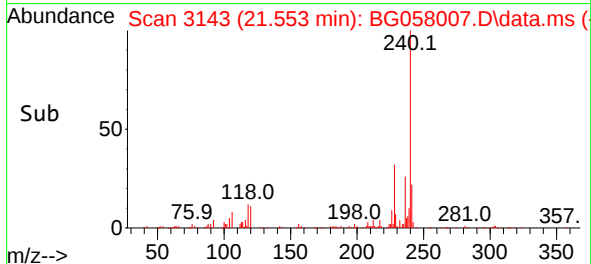
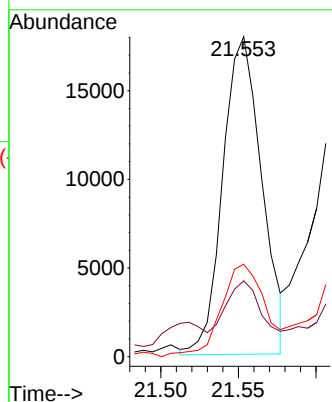
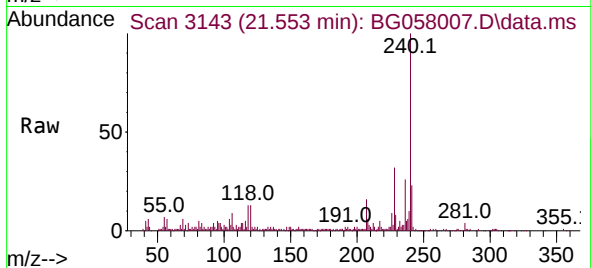
Tgt Ion:228 Resp: 31304

Ion Ratio Lower Upper

228 100

229 23.7 16.0 24.0

226 28.9 22.0 33.0



#87

Chrysene

Concen: 1.198 ng/ul

RT: 21.618 min Scan# 3154

Delta R.T. 0.005 min

Lab File: BG058007.D

Acq: 5 Jul 2023 5:28

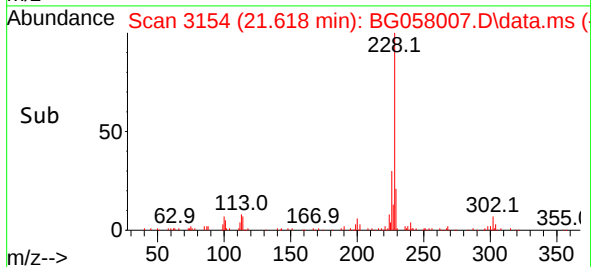
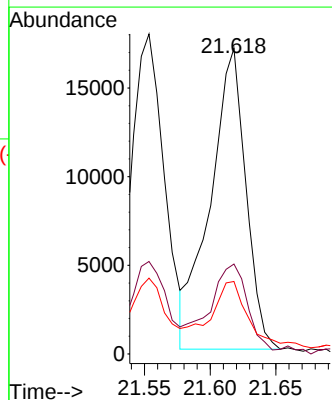
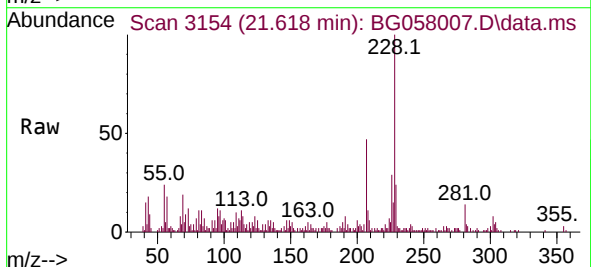
Tgt Ion:228 Resp: 32076

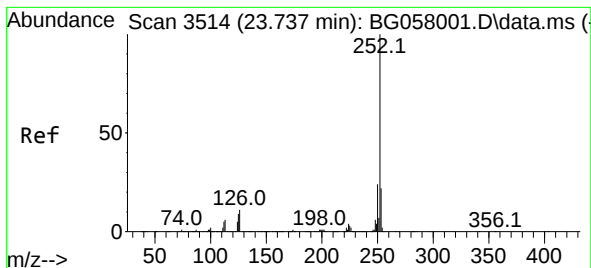
Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 23.7 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 1.703 ng/u1

RT: 23.733 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG058007.D

Acq: 5 Jul 2023 5:28

Instrument :

BNA_G

ClientSampleId :

DCGN6

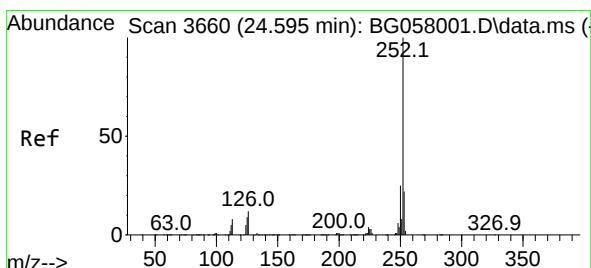
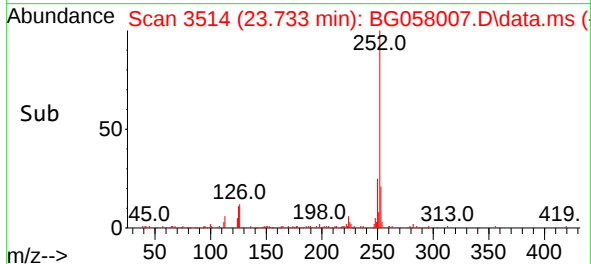
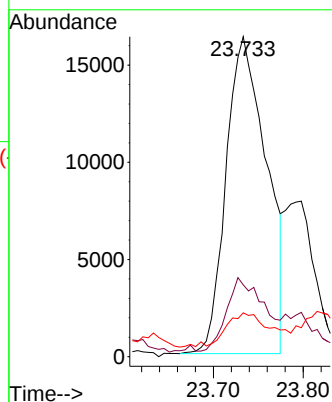
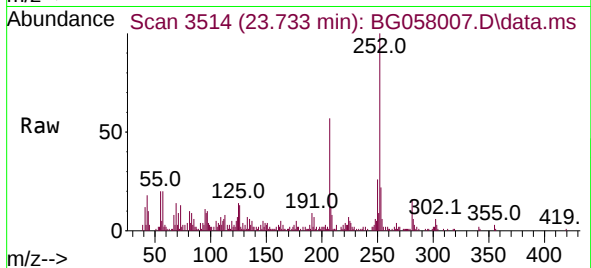
Tgt Ion:252 Resp: 50853

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 13.7 7.5 11.3#



#93

Benzo(a)pyrene

Concen: 1.159 ng/u1

RT: 24.585 min Scan# 3659

Delta R.T. -0.001 min

Lab File: BG058007.D

Acq: 5 Jul 2023 5:28

Tgt Ion:252 Resp: 30644

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

125 14.1 8.3 12.5#

