

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057983.D
 Acq On : 4 Jul 2023 11:14
 Operator : CG/JU
 Sample : 03247-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL1

Quant Time: Jul 05 00:38:45 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)

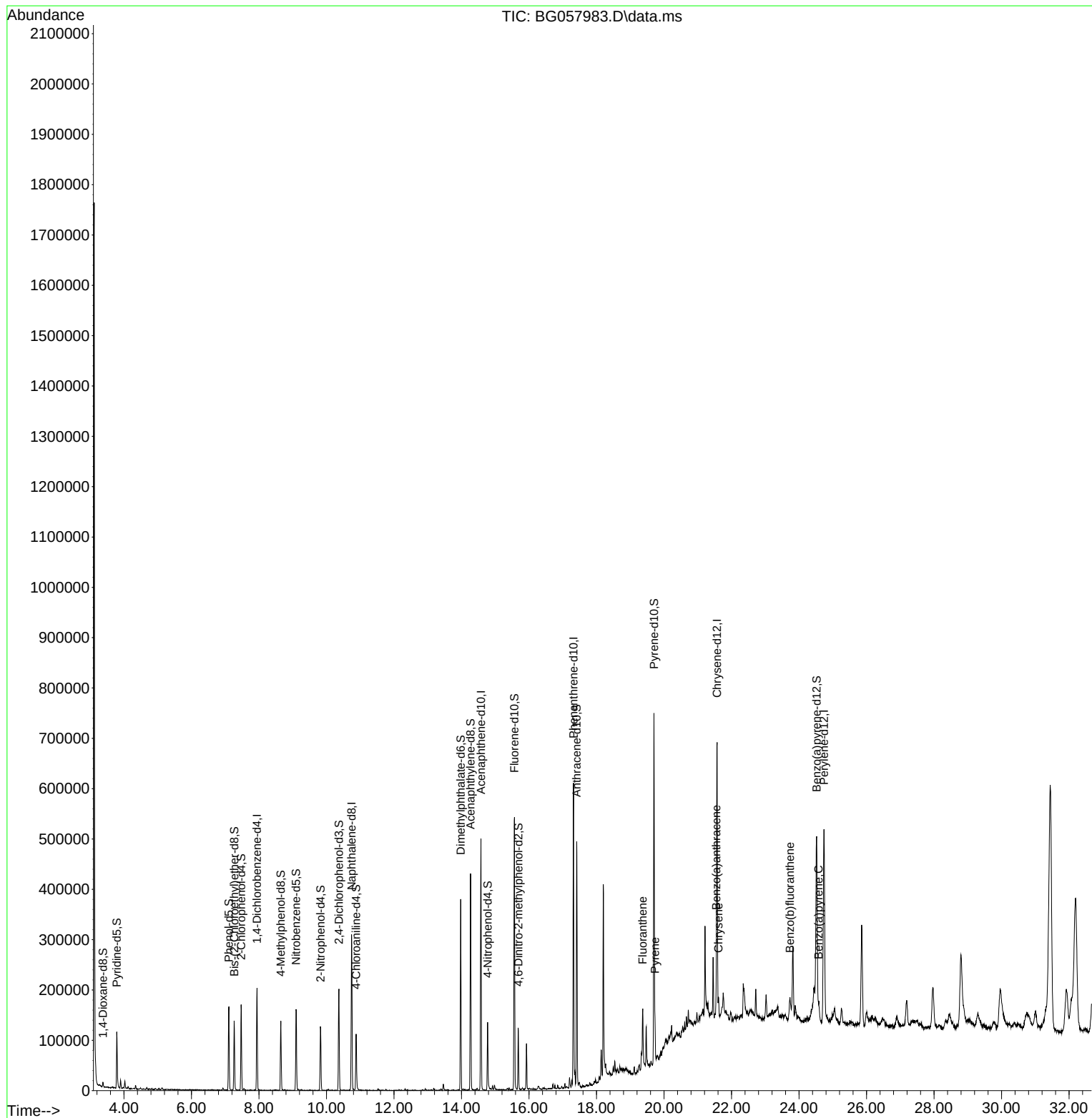
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	56370	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	260984	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	176167	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	386454	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	312463	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	381841	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4560	2.833	ng/uL	0.00
4) Pyridine-d5	3.787	84	59073	12.087	ng/u1	0.00
7) Phenol-d5	7.107	99	102652	17.831	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	64008	18.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	78215	19.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	52383	12.059	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	41069	19.307	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	44563	19.933	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	81033	18.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	63168	9.715	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	253458	18.235	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	298827	19.701	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	35224	14.343	ng/u1	0.00
60) Fluorene-d10	15.568	176	226378	19.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	26839	12.790	ng/u1	0.00
73) Anthracene-d10	17.413	188	307071	17.124	ng/u1	0.00
81) Pyrene-d10	19.704	212	400288	20.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	388921	19.992	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.369	202	55505	2.434	ng/u1	98
82) Pyrene	19.733	202	45877	1.999	ng/u1	97
85) Benzo(a)anthracene	21.549	228	32568	1.452	ng/u1	97
87) Chrysene	21.614	228	33378	1.587	ng/u1	95
90) Benzo(b)fluoranthene	23.735	252	53417	2.259	ng/u1#	95
93) Benzo(a)pyrene	24.581	252	30912	1.477	ng/u1	96

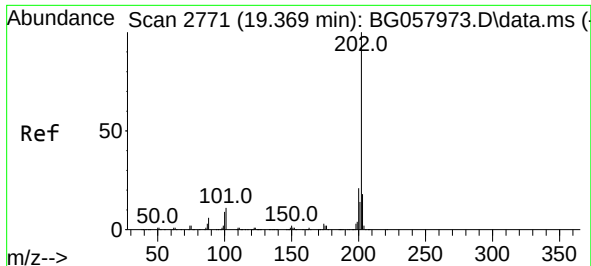
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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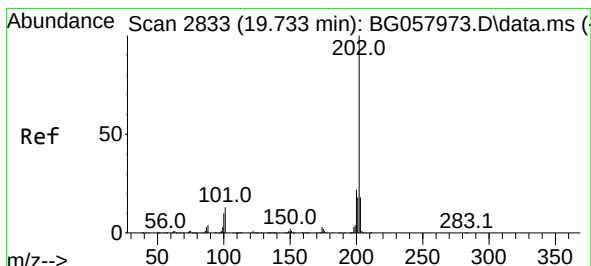
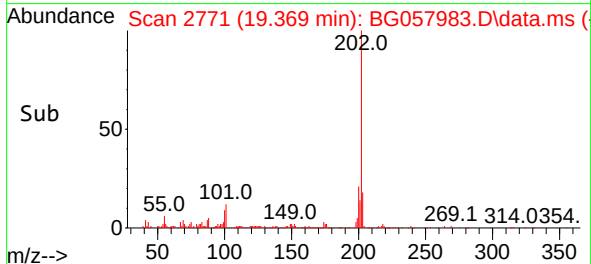
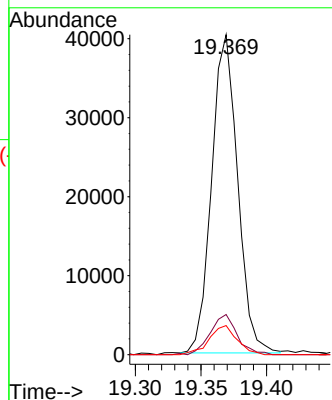
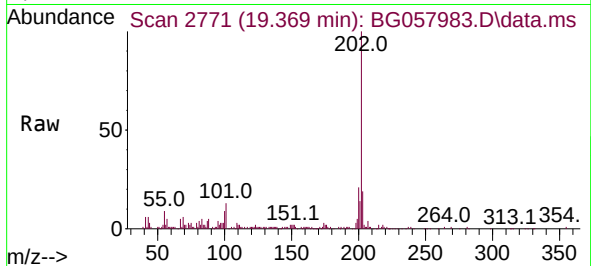




#80
Fluoranthene
Concen: 2.434 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057983.D
Acq: 4 Jul 2023 11:14

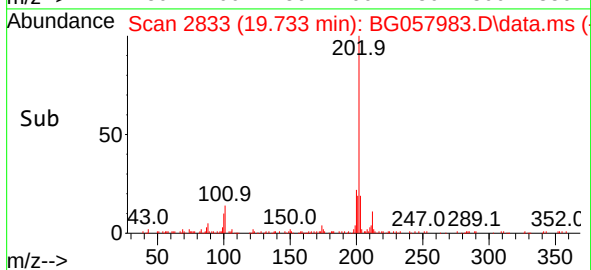
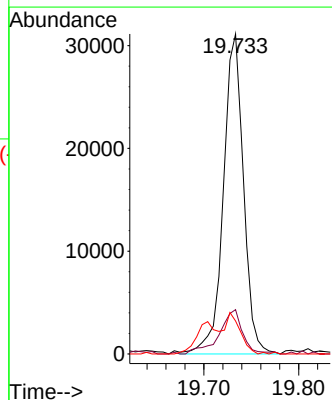
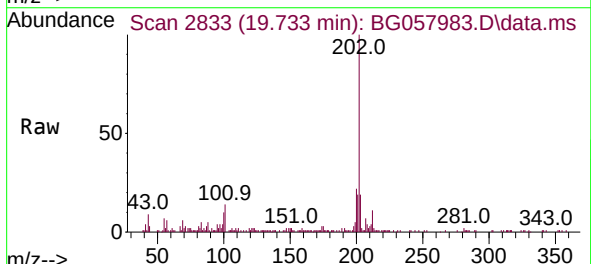
Instrument :
BNA_G
ClientSampleId :
DCGL1

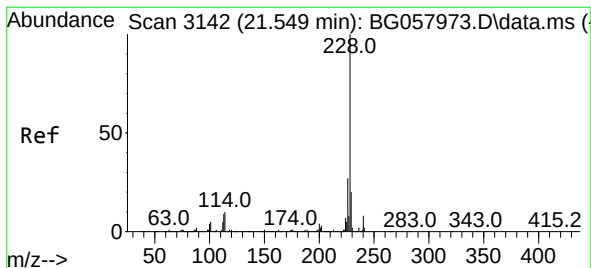
Tgt Ion:202 Resp: 55505
Ion Ratio Lower Upper
202 100
101 12.5 9.1 13.7
100 9.1 7.1 10.7



#82
Pyrene
Concen: 1.999 ng/ul
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG057983.D
Acq: 4 Jul 2023 11:14

Tgt Ion:202 Resp: 45877
Ion Ratio Lower Upper
202 100
101 13.8 10.2 15.2
100 10.3 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.452 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG057983.D

Acq: 4 Jul 2023 11:14

Instrument :

BNA_G

ClientSampleId :

DCGL1

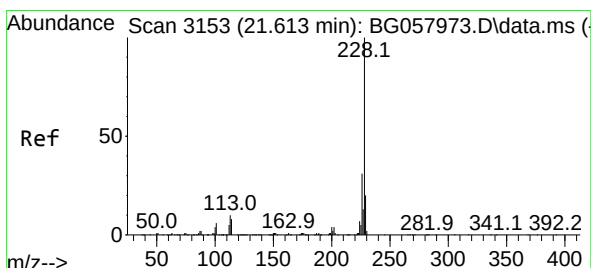
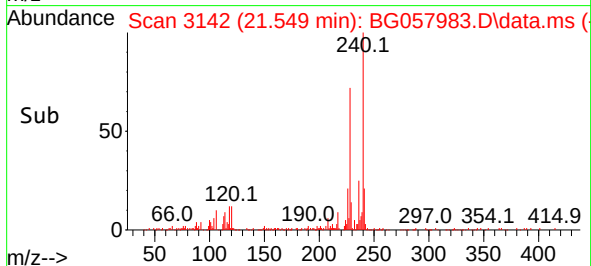
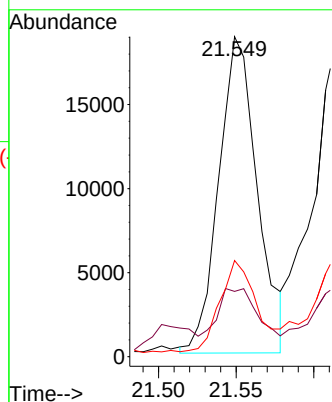
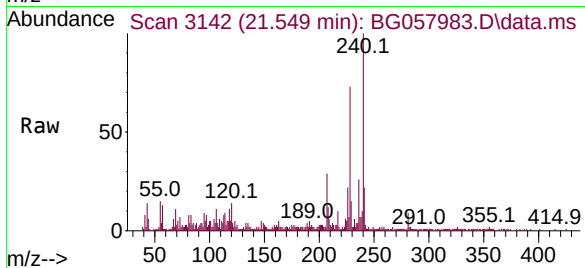
Tgt Ion:228 Resp: 32568

Ion Ratio Lower Upper

228 100

229 20.4 16.0 24.0

226 30.0 22.0 33.0



#87

Chrysene

Concen: 1.587 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BG057983.D

Acq: 4 Jul 2023 11:14

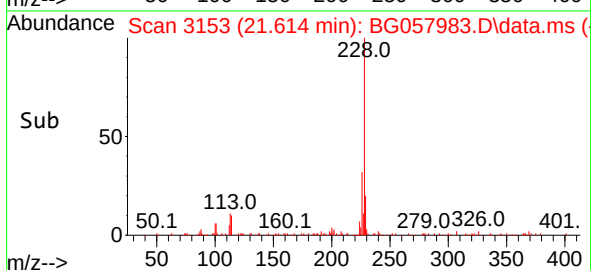
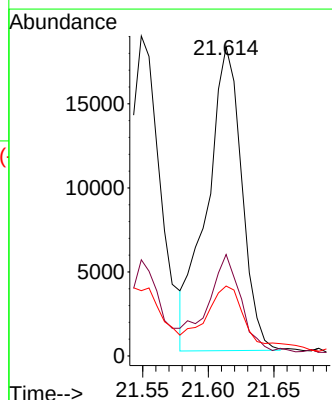
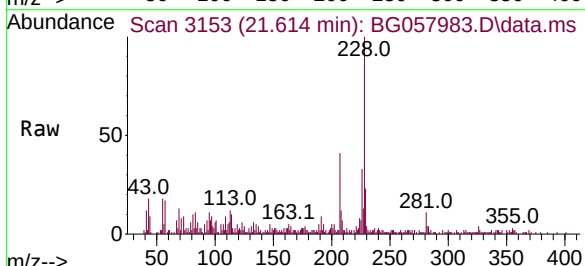
Tgt Ion:228 Resp: 33378

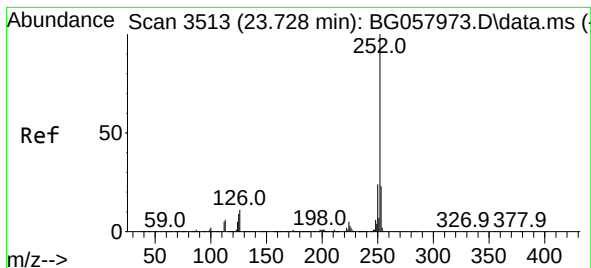
Ion Ratio Lower Upper

228 100

226 32.8 24.4 36.6

229 22.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.259 ng/u1

RT: 23.735 min Scan# 3513

Delta R.T. 0.006 min

Lab File: BG057983.D

Acq: 4 Jul 2023 11:14

Instrument :

BNA_G

ClientSampleId :

DCGL1

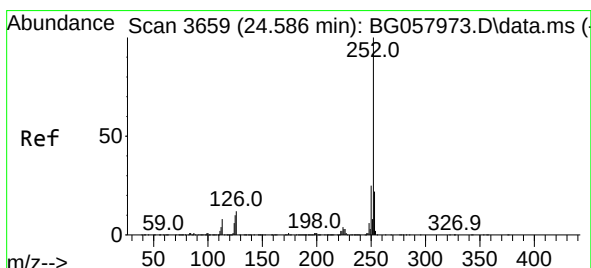
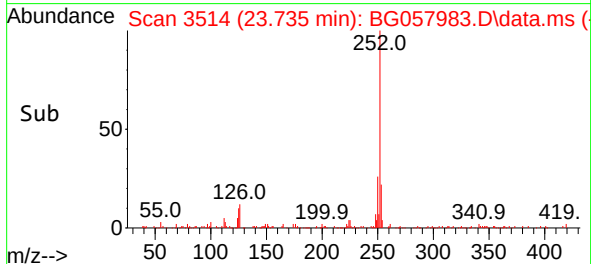
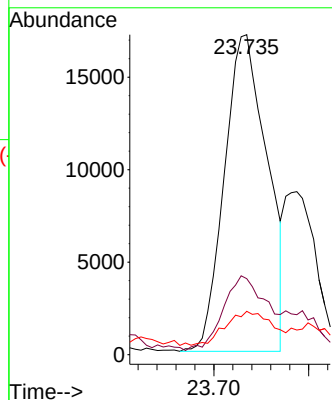
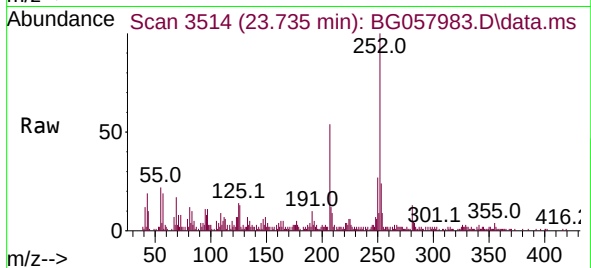
Tgt Ion:252 Resp: 53417

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

125 13.5 7.5 11.3#



#93

Benzo(a)pyrene

Concen: 1.477 ng/u1

RT: 24.581 min Scan# 3658

Delta R.T. -0.005 min

Lab File: BG057983.D

Acq: 4 Jul 2023 11:14

Tgt Ion:252 Resp: 30912

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

125 10.5 8.3 12.5

