

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057953.D
 Acq On : 3 Jul 2023 13:29
 Operator : CG/JU
 Sample : 03246-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ4

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 03:20:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	40826	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	192253	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.571	164	140979	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	330617	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	271885	20.000	ng/u1	0.00
88) Perylene-d12	24.724	264	323889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	4879	4.185	ng/uL	0.00
4) Pyridine-d5	3.778	84	59070	16.688	ng/u1	0.00
7) Phenol-d5	7.091	99	111222	26.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	68286	27.178	ng/u1	0.00
11) 2-Chlorophenol-d4	7.467	132	79358	27.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	73286	23.295	ng/u1	0.00
21) Nitrobenzene-d5	9.095	128	42856	27.350	ng/u1	0.00
24) 2-Nitrophenol-d4	9.818	143	48553	29.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	94815	30.012	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	34647	7.233	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	341885	30.736	ng/u1	0.00
49) Acenaphthylene-d8	14.265	160	394666	32.514	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	51275	26.091	ng/u1	0.00
60) Fluorene-d10	15.558	176	309222	32.733	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	47083	26.226	ng/u1	0.00
73) Anthracene-d10	17.409	188	444825	28.995	ng/u1	0.00
81) Pyrene-d10	19.700	212	555526	32.442	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.512	264	547665	33.189	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.356	178	56047	3.333	ng/u1	98
80) Fluoranthene	19.365	202	119208	6.008	ng/u1	99
82) Pyrene	19.730	202	105917	5.303	ng/u1	99
85) Benzo(a)anthracene	21.545	228	59447	3.045	ng/u1	99
87) Chrysene	21.610	228	71447	3.904	ng/u1	99
90) Benzo(b)fluoranthene	23.719	252	104622	5.217	ng/u1#	95
91) Benzo(k)fluoranthene	23.778	252	33432m	1.701	ng/u1	
93) Benzo(a)pyrene	24.577	252	65463	3.688	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.314	276	57573m	2.443	ng/u1	
96) Benzo(g,h,i)perylene	29.442	276	49860	2.590	ng/u1	98

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

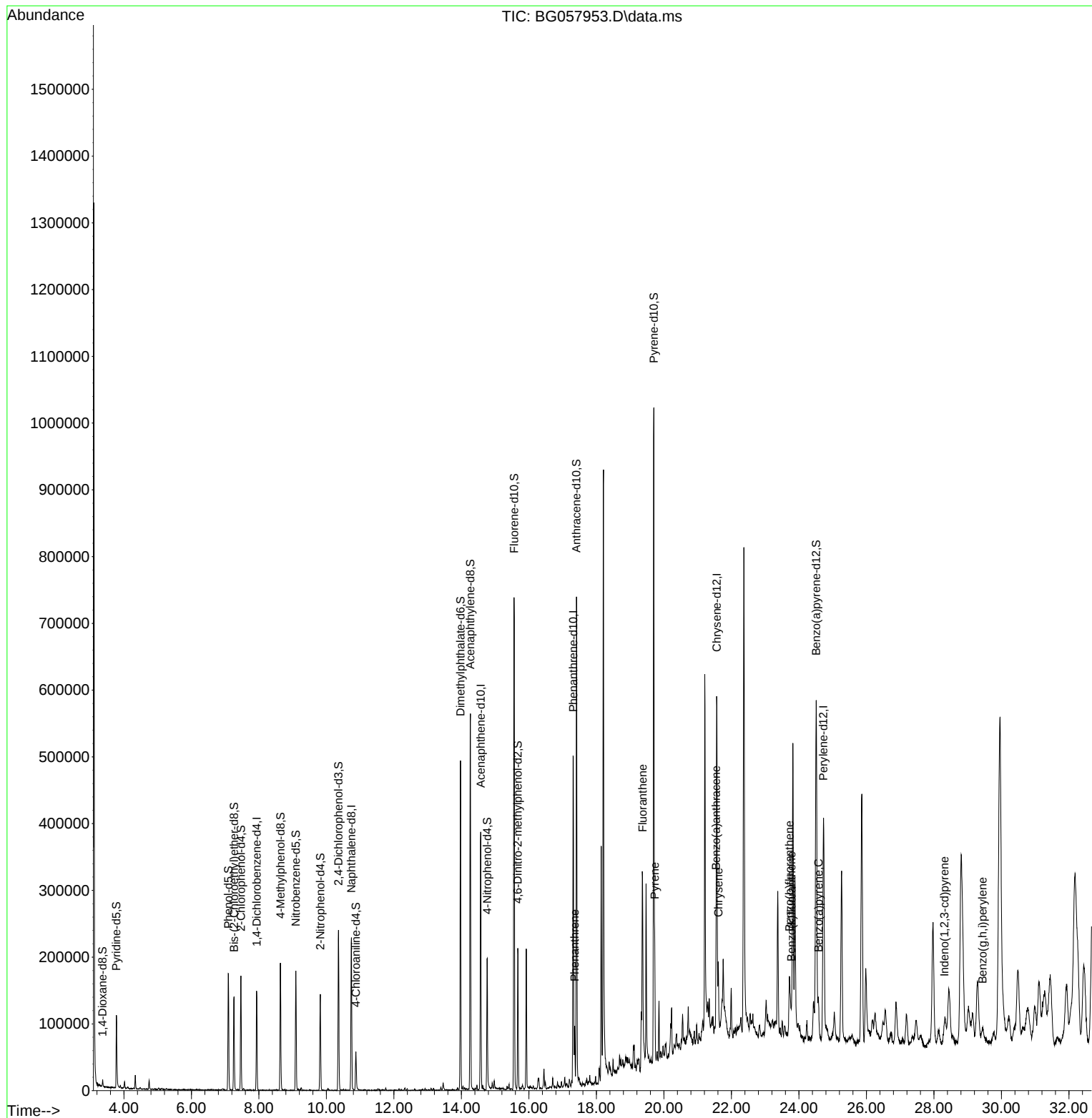
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057953.D
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Operator : CG/JU
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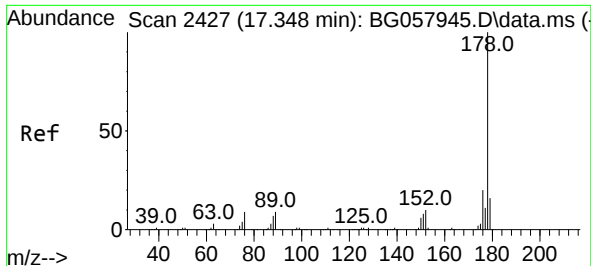
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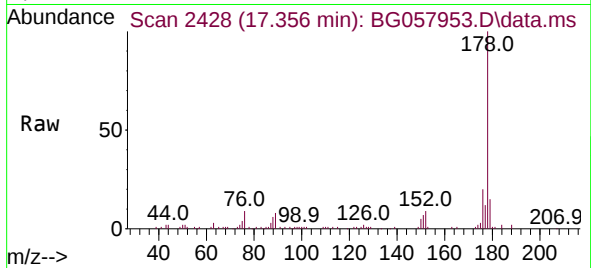
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.333 ng/ul
RT: 17.356 min Scan# 2427
Delta R.T. 0.008 min
Lab File: BG057953.D
Acq: 3 Jul 2023 13:29

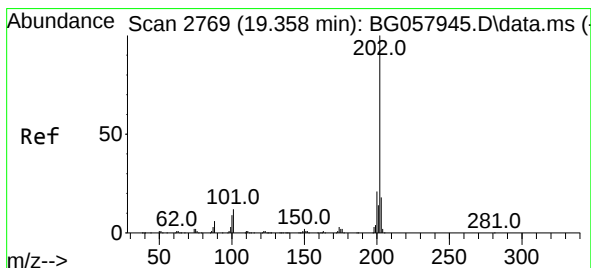
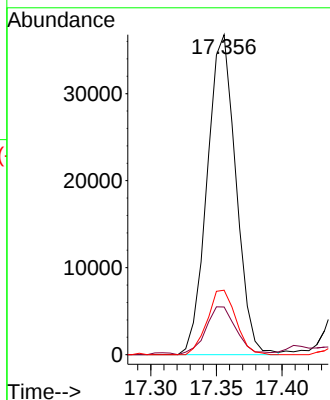
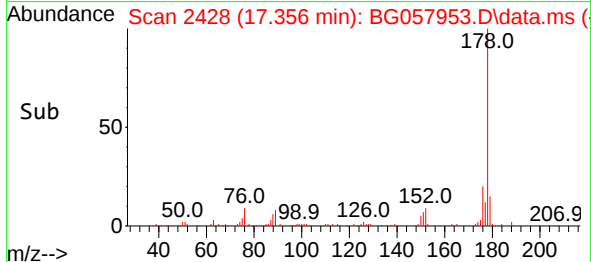
Instrument :
BNA_G
ClientSampleId :
DCGJ4



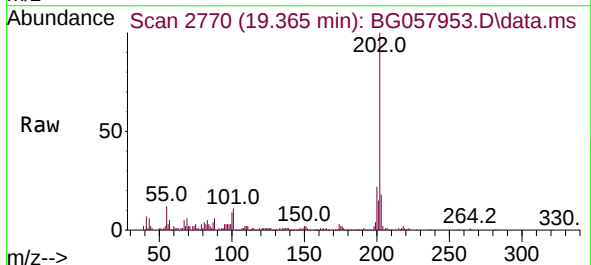
Tgt Ion:178 Resp: 5604
Ion Ratio Lower Upper
178 100
179 14.9 12.8 19.2
176 20.2 15.7 23.5

Manual Integrations
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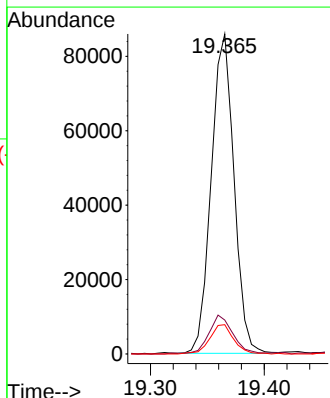
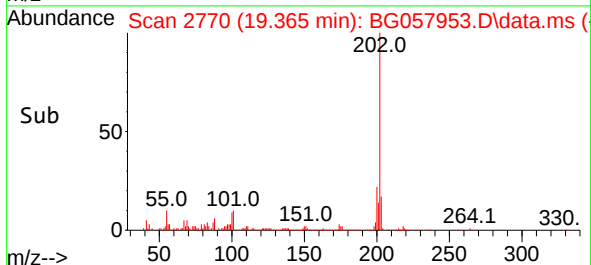
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

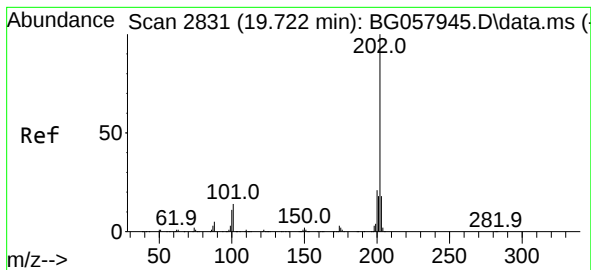


#80
Fluoranthene
Concen: 6.008 ng/ul
RT: 19.365 min Scan# 2770
Delta R.T. 0.008 min
Lab File: BG057953.D
Acq: 3 Jul 2023 13:29



Tgt Ion:202 Resp: 119208
Ion Ratio Lower Upper
202 100
101 10.6 9.1 13.7
100 9.2 7.1 10.7





#82

Pyrene

Concen: 5.303 ng/ul

RT: 19.730 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Instrument :

BNA_G

ClientSampleId :

DCGJ4

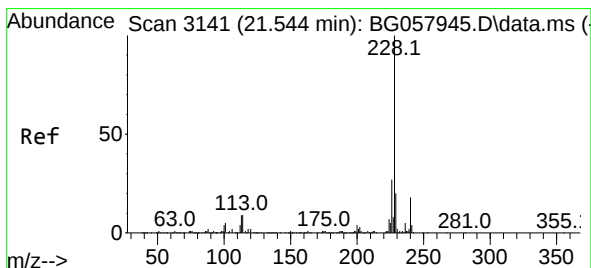
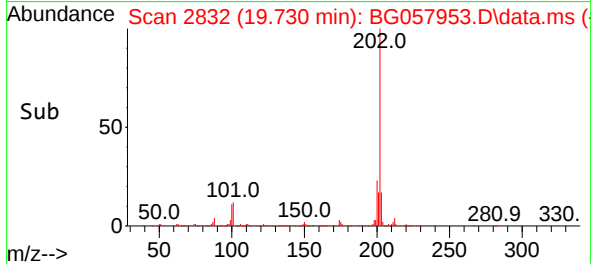
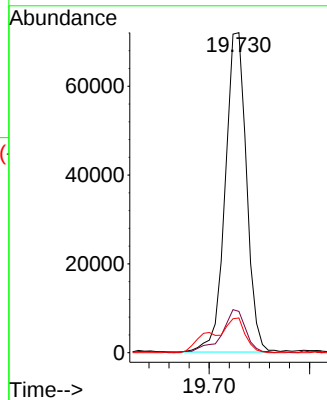
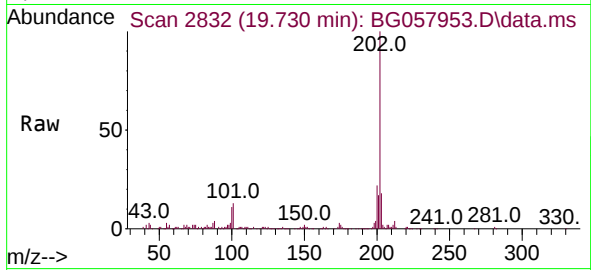
Tgt Ion:202 Resp: 105917
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.2 15.2
 100 10.8 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 3.045 ng/ul

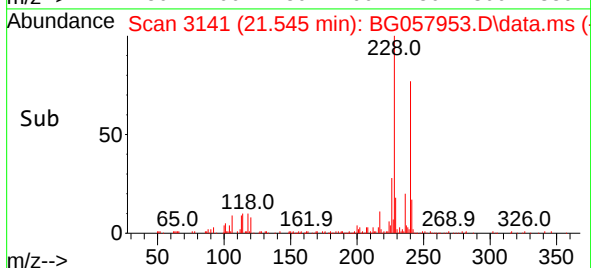
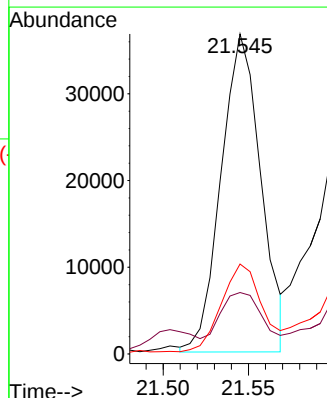
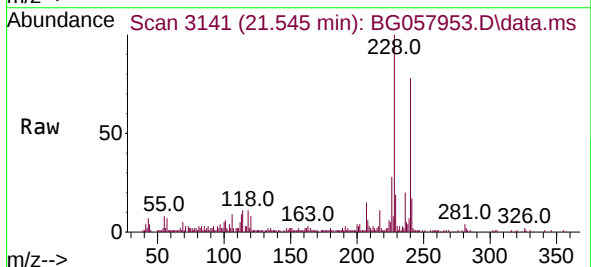
RT: 21.545 min Scan# 3141

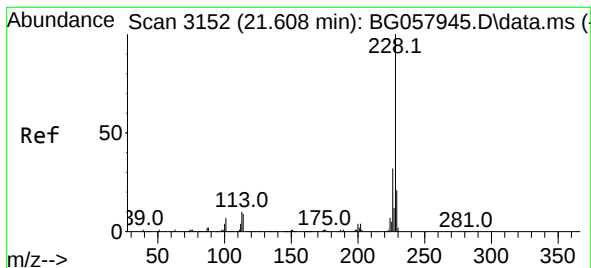
Delta R.T. 0.002 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Tgt Ion:228 Resp: 59447
 Ion Ratio Lower Upper
 228 100
 229 19.2 16.0 24.0
 226 28.1 22.0 33.0





#87

Chrysene

Concen: 3.904 ng/ul

RT: 21.610 min Scan# 3152

Delta R.T. 0.002 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Instrument :

BNA_G

ClientSampleId :

DCGJ4

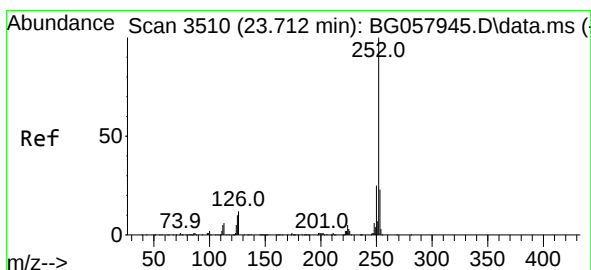
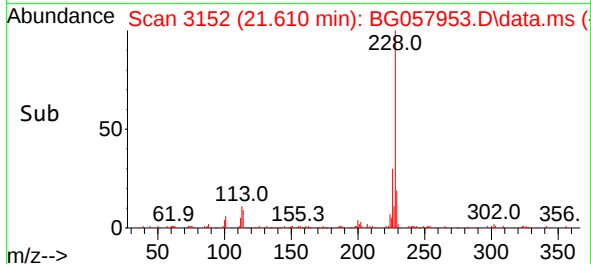
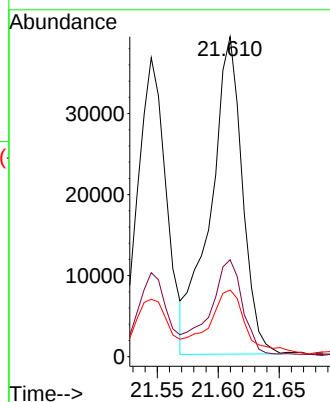
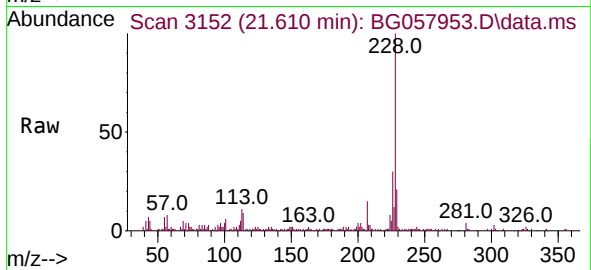
Tgt Ion:228 Resp: 7144
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.4 36.6
 229 20.9 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 5.217 ng/ul

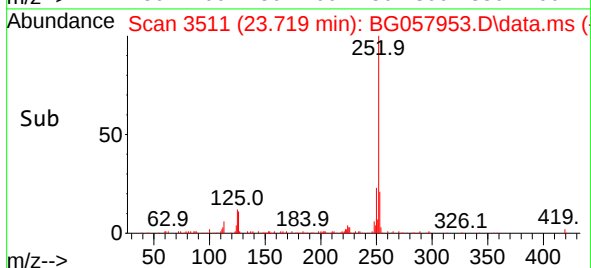
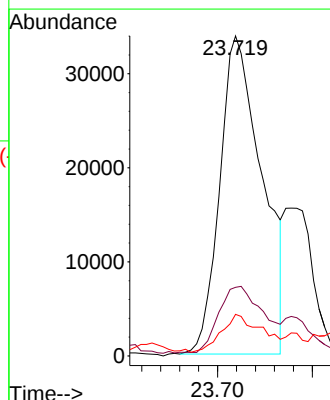
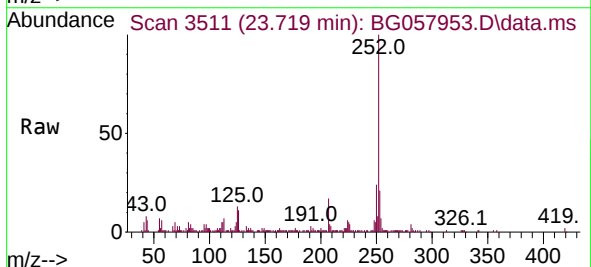
RT: 23.719 min Scan# 3511

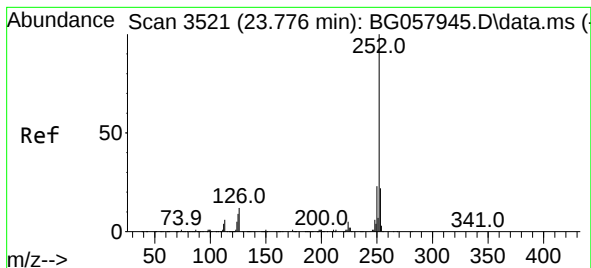
Delta R.T. 0.008 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Tgt Ion:252 Resp: 104622
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.1 27.1
 125 13.0 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 1.701 ng/ul m

RT: 23.778 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Instrument :

BNA_G

ClientSampleId :

DCGJ4

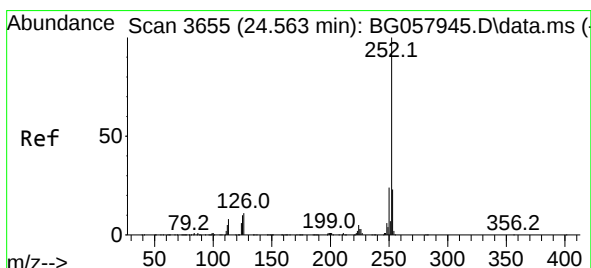
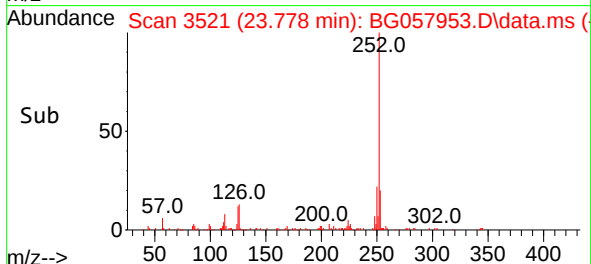
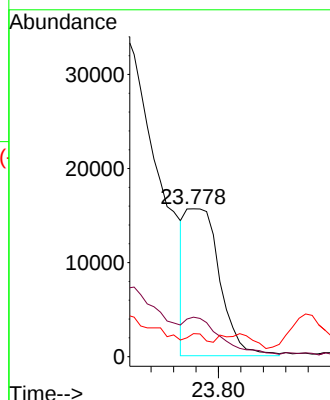
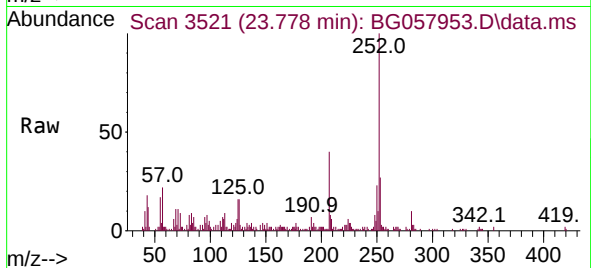
Tgt Ion:	252	Resp:	3343
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.7	26.5
125	15.6	7.4	11.2

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#93

Benzo(a)pyrene

Concen: 3.688 ng/ul

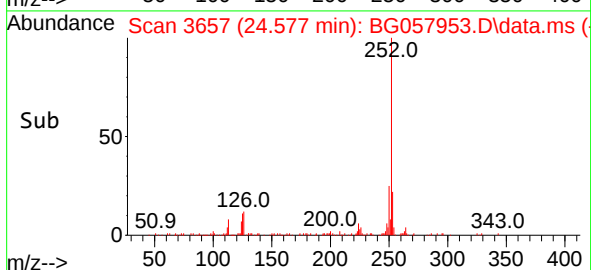
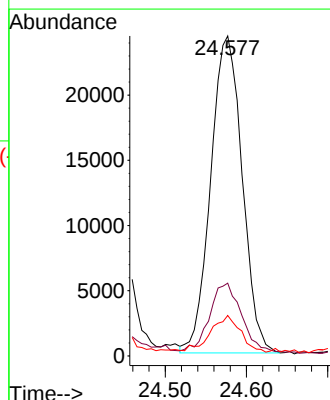
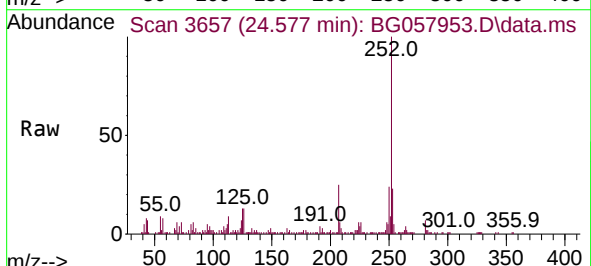
RT: 24.577 min Scan# 3657

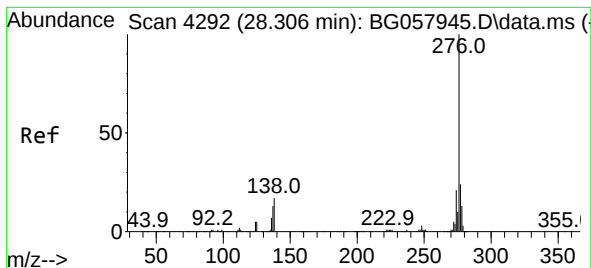
Delta R.T. 0.008 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Tgt Ion:	252	Resp:	65463
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	12.7	8.3	12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.443 ng/ul m

RT: 28.314 min Scan# 4293

Delta R.T. 0.008 min

Lab File: BG057953.D

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Instrument :

BNA_G

ClientSampleId :

DCGJ4

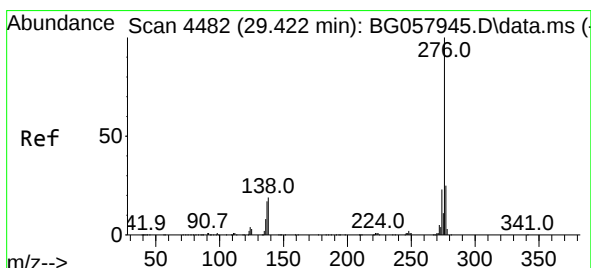
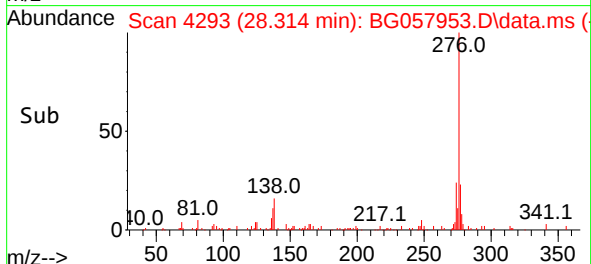
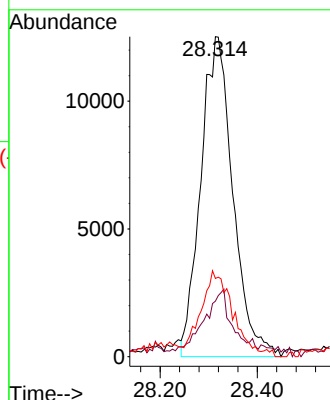
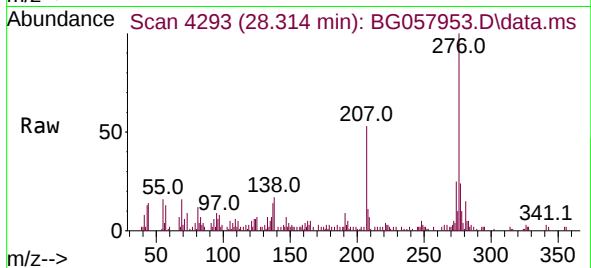
Tgt Ion:	276	Resp:	5757
Ion Ratio	Lower	Upper	
276	100		
138	17.3	14.0	21.0
277	24.5	19.4	29.2

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.590 ng/ul

RT: 29.442 min Scan# 4485

Delta R.T. 0.014 min

Lab File: BG057953.D

Acq: 3 Jul 2023 13:29

Tgt Ion:	276	Resp:	49860
Ion Ratio	Lower	Upper	
276	100		
138	17.9	14.2	21.2
277	24.9	18.6	27.8

