

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057952.D
 Acq On : 3 Jul 2023 12:47
 Operator : CG/JU
 Sample : 03246-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ3

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 03:11:39 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	7.934	152	41847	20.000	ng/u1	0.00
20) Naphthalene-d8	10.736	136	196913	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.567	164	142779	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.311	188	341152	20.000	ng/u1	0.00
79) Chrysene-d12	21.565	240	272985	20.000	ng/u1	0.00
88) Perylene-d12	24.726	264	332746	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3582	2.997	ng/uL	0.00
4) Pyridine-d5	3.780	84	30726	8.469	ng/u1	0.00
7) Phenol-d5	7.094	99	73741	17.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	48815	18.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	56204	19.068	ng/u1	0.00
15) 4-Methylphenol-d8	8.633	113	50962	15.804	ng/u1	0.00
21) Nitrobenzene-d5	9.097	128	28725	17.898	ng/u1	0.00
24) 2-Nitrophenol-d4	9.814	143	32389	19.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	61620	19.043	ng/u1	0.00
31) 4-Chloroaniline-d4	10.871	131	47900	9.764	ng/u1	0.00
46) Dimethylphthalate-d6	13.974	166	219582	19.492	ng/u1	0.00
49) Acenaphthylene-d8	14.262	160	251606	20.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	27471	13.802	ng/u1	0.00
60) Fluorene-d10	15.560	176	198917	20.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	27633	14.917	ng/u1	0.00
73) Anthracene-d10	17.411	188	308978	19.518	ng/u1	0.00
81) Pyrene-d10	19.696	212	362800	21.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.508	264	353627	20.860	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.352	178	30873	1.779	ng/u1	99
80) Fluoranthene	19.361	202	80922	4.062	ng/u1	97
82) Pyrene	19.726	202	70836	3.532	ng/u1	98
85) Benzo(a)anthracene	21.547	228	46620	2.378	ng/u1	98
87) Chrysene	21.606	228	54992	2.993	ng/u1	98
90) Benzo(b)fluoranthene	23.721	252	80611	3.913	ng/u1#	95
91) Benzo(k)fluoranthene	23.780	252	31277m	1.549	ng/u1	
93) Benzo(a)pyrene	24.573	252	51529	2.826	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.316	276	44722	1.847	ng/u1#	91
96) Benzo(g,h,i)perylene	29.432	276	42668m	2.157	ng/u1	

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

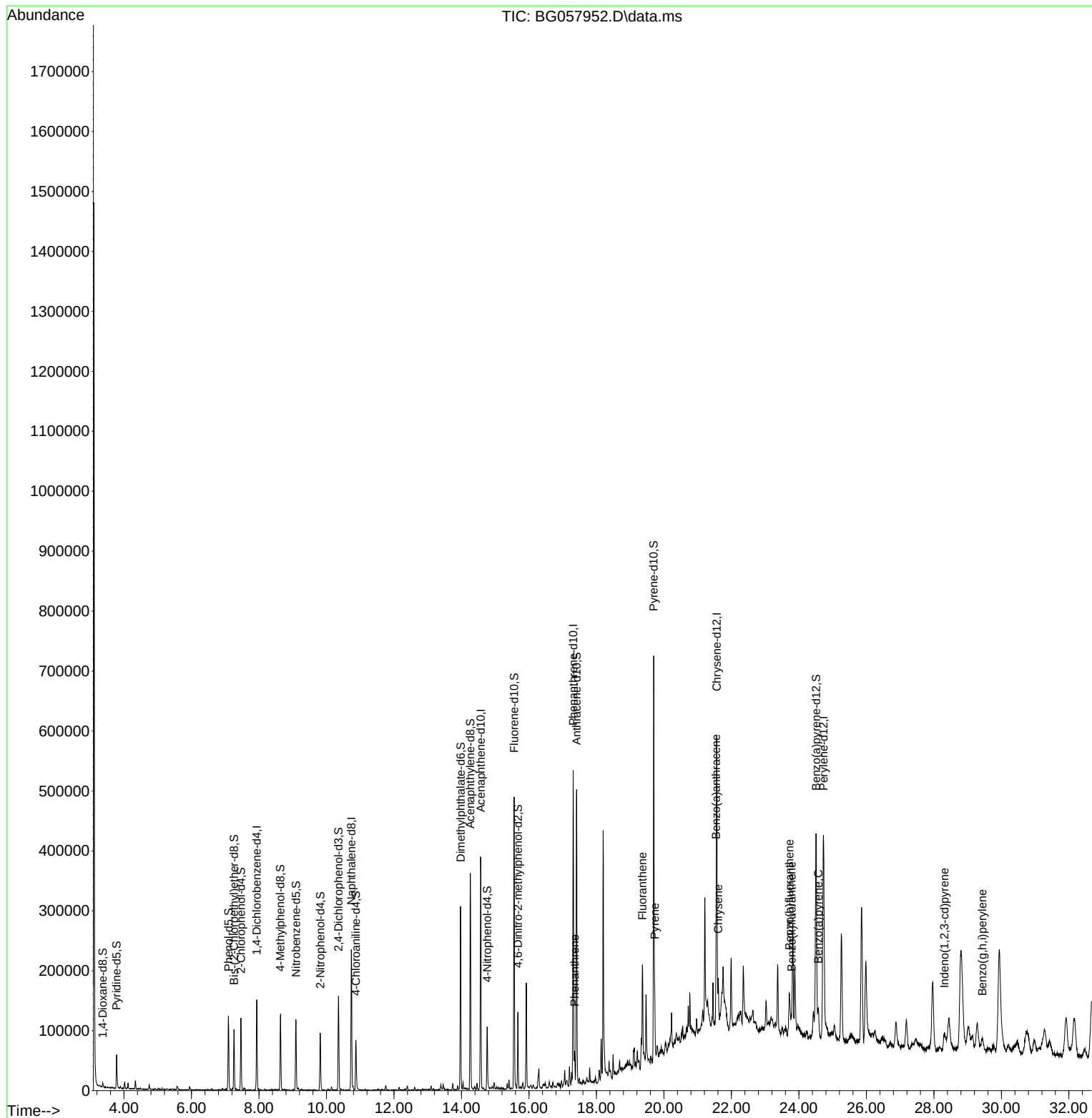
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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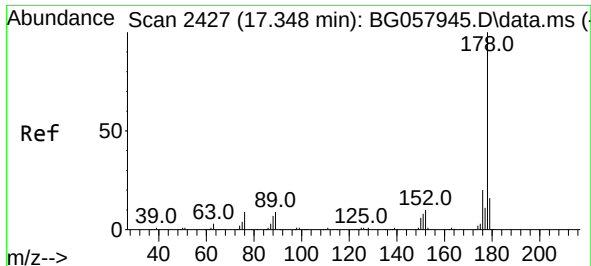
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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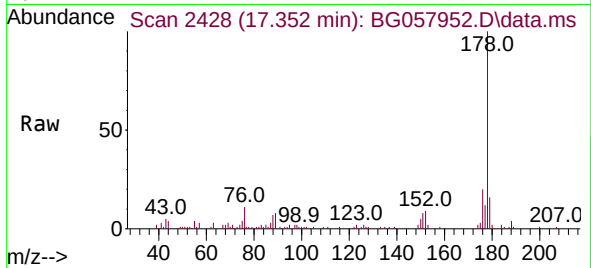
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023





#72
Phenanthrene
Concen: 1.779 ng/ul
RT: 17.352 min Scan# 2427
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

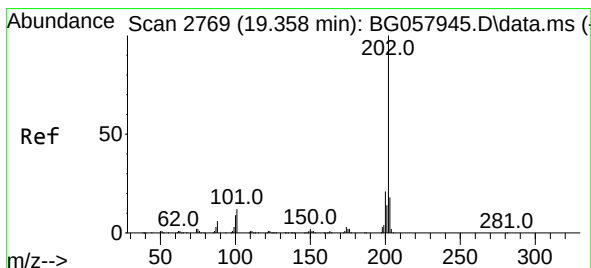
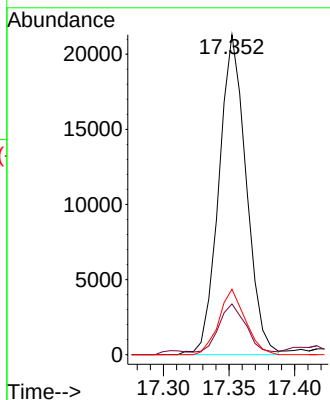
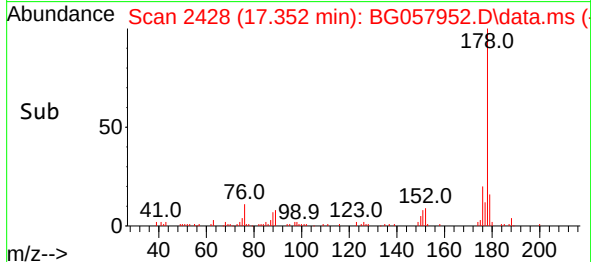
Instrument :
BNA_G
ClientSampleId :
DCGJ3



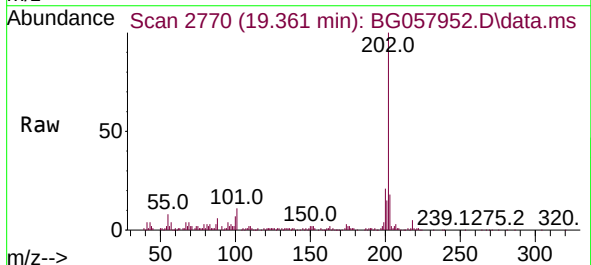
Tgt Ion:178 Resp: 3087
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.4 15.7 23.5

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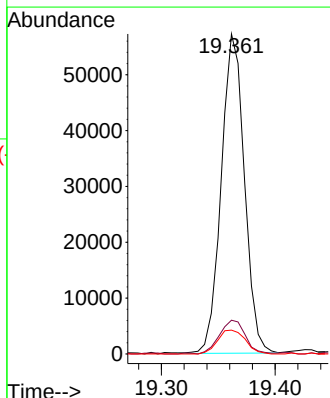
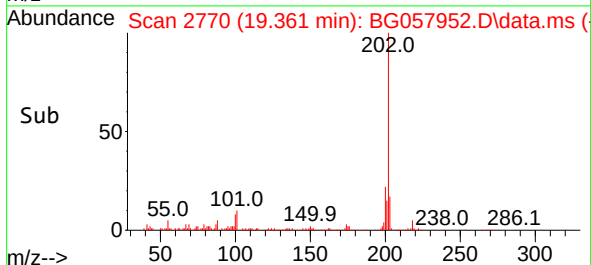
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

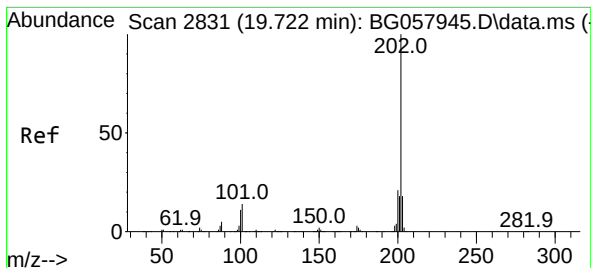


#80
Fluoranthene
Concen: 4.062 ng/ul
RT: 19.361 min Scan# 2770
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47



Tgt Ion:202 Resp: 80922
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 7.4 7.1 10.7





#82

Pyrene

Concen: 3.532 ng/ul

RT: 19.726 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Instrument :

BNA_G

ClientSampleId :

DCGJ3

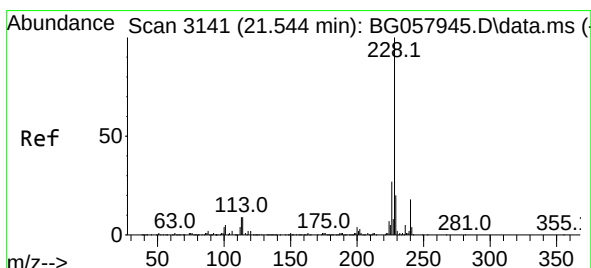
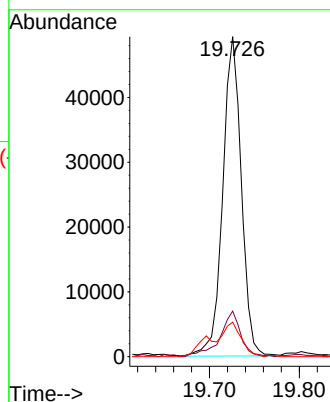
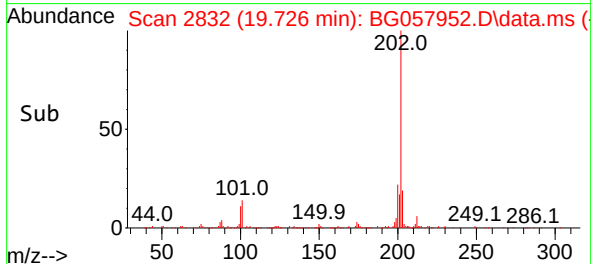
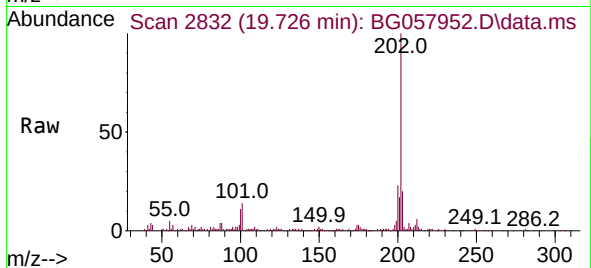
Tgt Ion:202 Resp: 70830
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.2 15.2
 100 10.8 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 2.378 ng/ul

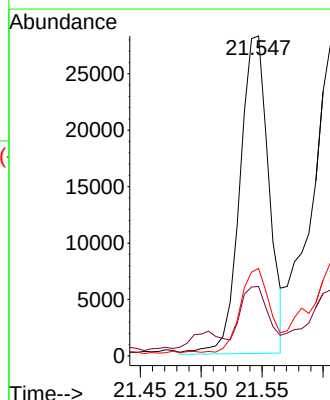
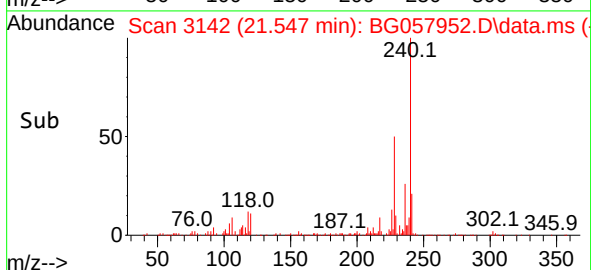
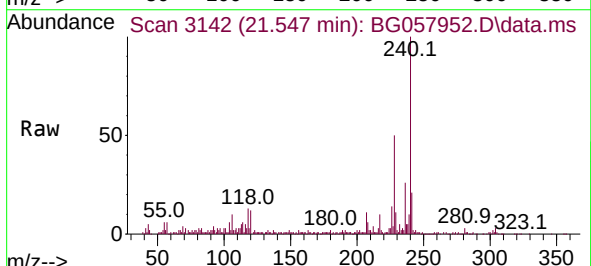
RT: 21.547 min Scan# 3142

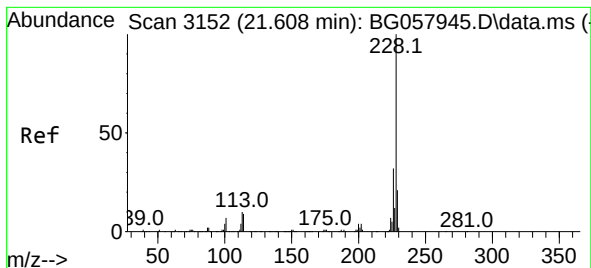
Delta R.T. 0.004 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Tgt Ion:228 Resp: 46620
 Ion Ratio Lower Upper
 228 100
 229 21.7 16.0 24.0
 226 27.4 22.0 33.0





#87

Chrysene

Concen: 2.993 ng/ul

RT: 21.606 min Scan# 3152

Delta R.T. -0.002 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

Instrument :

BNA_G

ClientSampleId :

DCGJ3

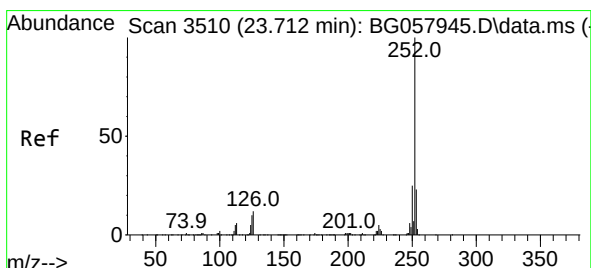
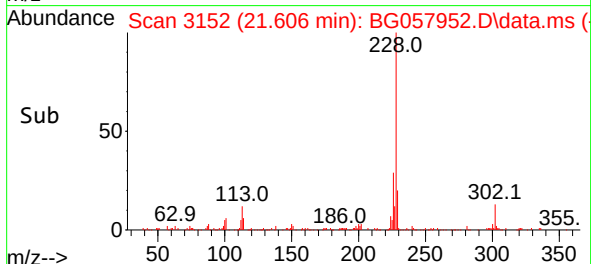
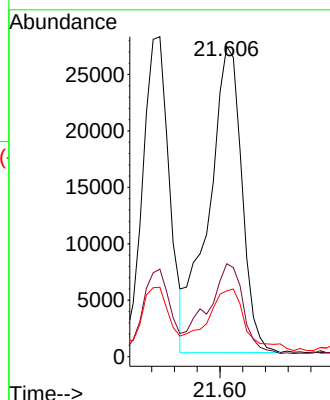
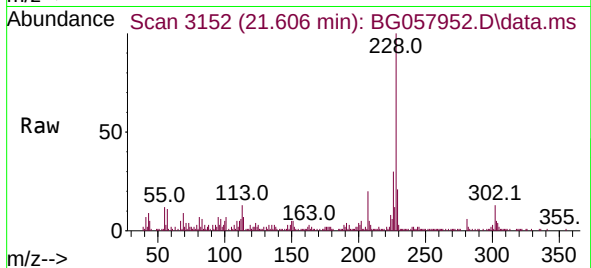
Tgt Ion:228	Resp:	54992
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.4 36.6
229	21.2	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 3.913 ng/ul

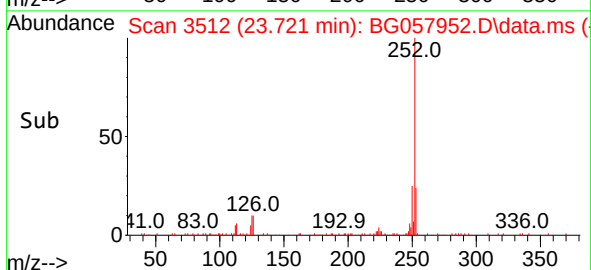
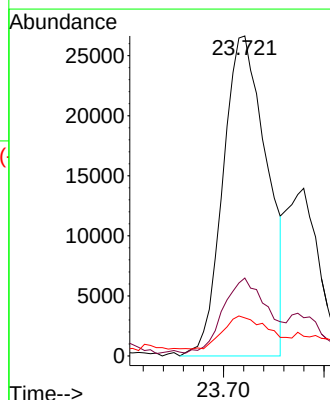
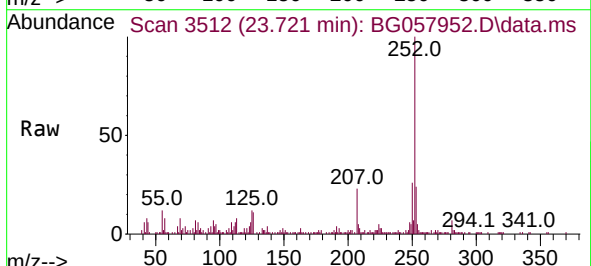
RT: 23.721 min Scan# 3512

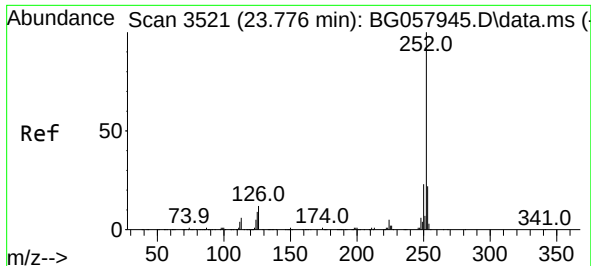
Delta R.T. 0.010 min

Lab File: BG057952.D

Acq: 3 Jul 2023 12:47

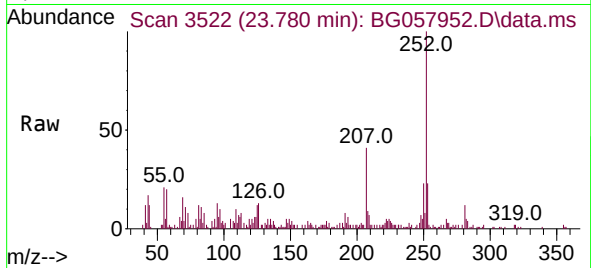
Tgt Ion:252	Resp:	80611
Ion Ratio	Lower	Upper
252	100	
253	24.4	18.1 27.1
125	11.9	7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.549 ng/ul m
RT: 23.780 min Scan# 3521
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

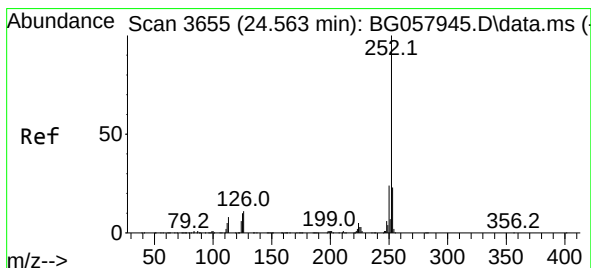
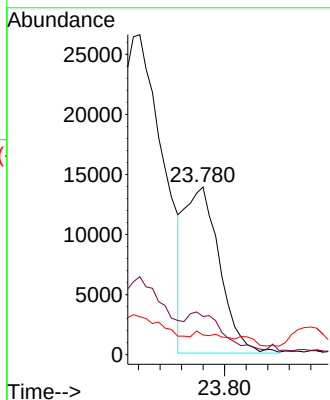
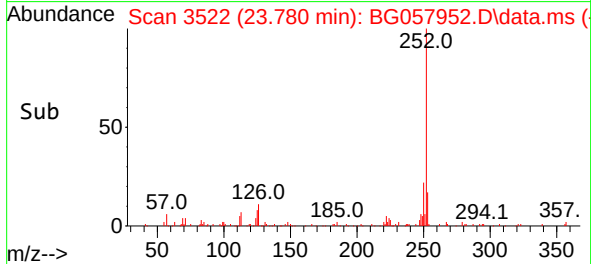
Instrument :
BNA_G
ClientSampleId :
DCGJ3



Tgt Ion:252 Resp: 3127
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.7 7.4 11.2

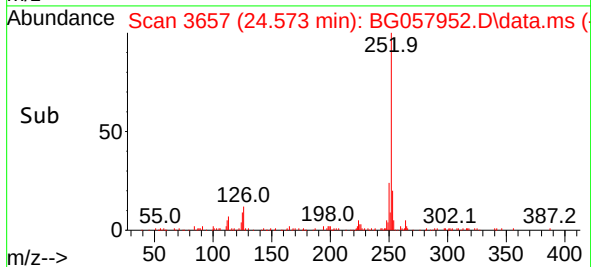
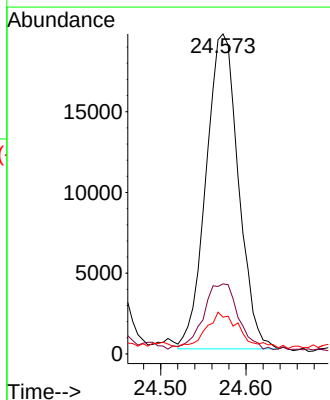
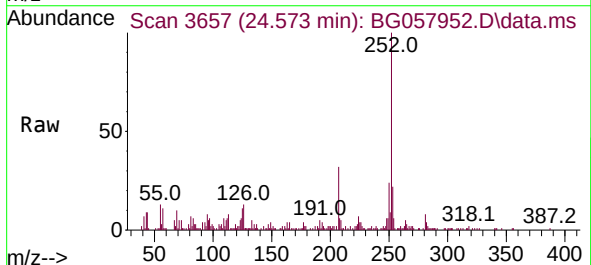
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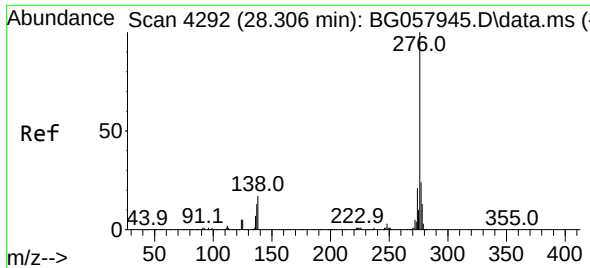
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#93
Benzo(a)pyrene
Concen: 2.826 ng/ul
RT: 24.573 min Scan# 3657
Delta R.T. 0.004 min
Lab File: BG057952.D
Acq: 3 Jul 2023 12:47

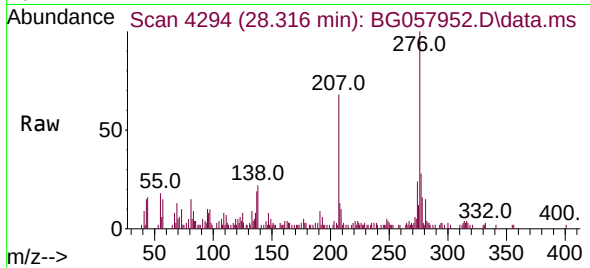
Tgt Ion:252 Resp: 51529
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.5 8.3 12.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.847 ng/ul
 RT: 28.316 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: BG057952.D
 Acq: 3 Jul 2023 12:47

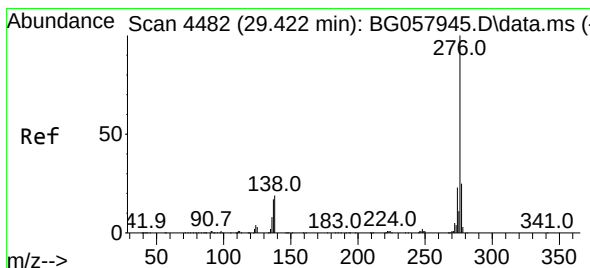
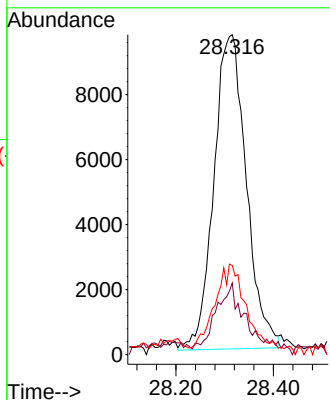
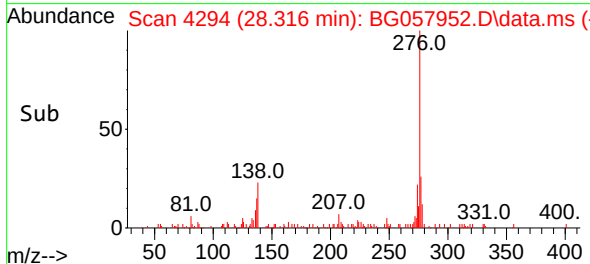
Instrument :
 BNA_G
 ClientSampleId :
 DCGJ3



Tgt Ion:276 Resp: 4472
 Ion Ratio Lower Upper
 276 100
 138 22.4 14.0 21.0
 277 27.9 19.4 29.2

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 Supervised By :mohammad ahmed 07/04/2023



#96
 Benzo(g,h,i)perylene
 Concen: 2.157 ng/ul m
 RT: 29.432 min Scan# 4484
 Delta R.T. 0.004 min
 Lab File: BG057952.D
 Acq: 3 Jul 2023 12:47

Tgt Ion:276 Resp: 42668
 Ion Ratio Lower Upper
 276 100
 138 20.9 14.2 21.2
 277 24.7 18.6 27.8

