

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057990.D
 Acq On : 4 Jul 2023 16:52
 Operator : CG/JU
 Sample : 03247-18
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGM4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:08:30 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	7.942	152	59672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	270459	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	176754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	384935	20.000	ng/u1	0.00
79) Chrysene-d12	21.573	240	312530	20.000	ng/u1	0.00
88) Perylene-d12	24.740	264	382525	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3875	2.274	ng/uL	0.00
4) Pyridine-d5	3.788	84	48380	9.352	ng/u1	0.00
7) Phenol-d5	7.107	99	81252	13.333	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	51207	13.944	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	62766	14.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.647	113	42718	9.290	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	33349	15.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	35366	15.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	65204	14.671	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	51554	7.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.976	166	211741	15.183	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	240382	15.795	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	23074	9.365	ng/u1	0.00
60) Fluorene-d10	15.562	176	185103	15.629	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	21321	10.200	ng/u1	0.00
73) Anthracene-d10	17.413	188	265580	14.868	ng/u1	0.00
81) Pyrene-d10	19.704	212	329611	16.746	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	325935	16.724	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.360	178	34324	1.753	ng/u1	99
80) Fluoranthene	19.369	202	108512	4.758	ng/u1	99
82) Pyrene	19.728	202	94514	4.117	ng/u1	99
85) Benzo(a)anthracene	21.549	228	58821	2.621	ng/u1	94
87) Chrysene	21.614	228	79615m	3.785	ng/u1	
90) Benzo(b)fluoranthene	23.729	252	122608	5.177	ng/u1#	97
91) Benzo(k)fluoranthene	23.788	252	38272	1.649	ng/u1#	93
93) Benzo(a)pyrene	24.587	252	70534	3.365	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.347	276	55793m	2.004	ng/u1	
96) Benzo(g,h,i)perylene	29.469	276	48565m	2.136	ng/u1	

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

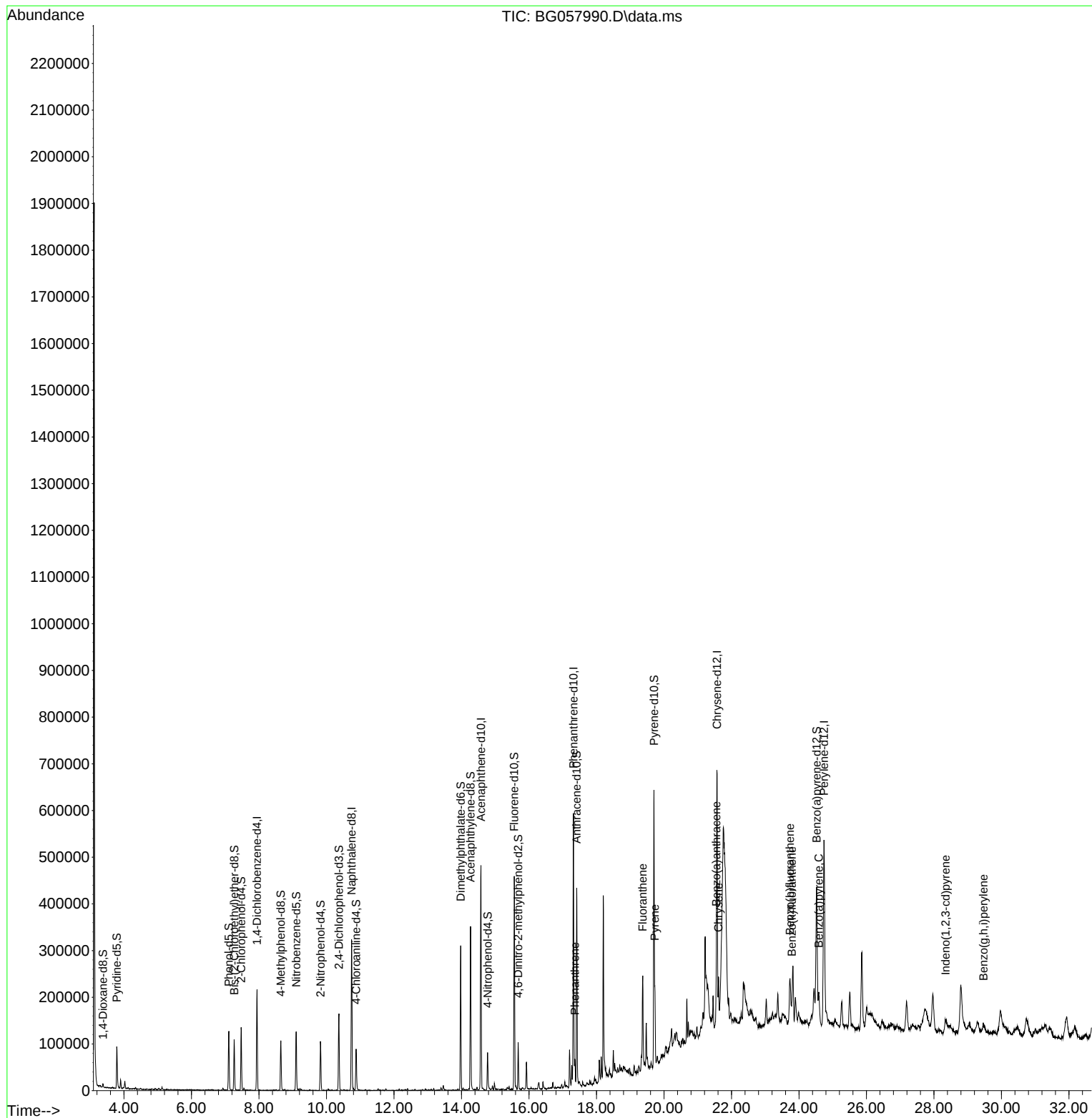
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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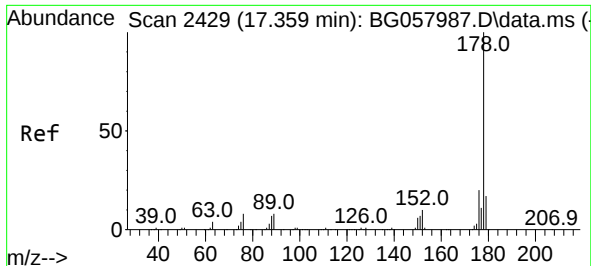
Instrument :
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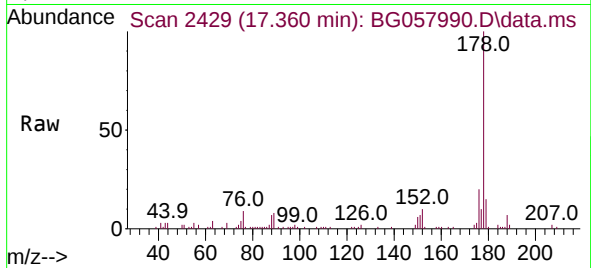
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#72
Phenanthrene
Concen: 1.753 ng/ul
RT: 17.360 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

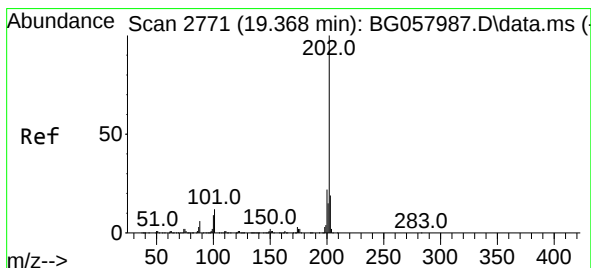
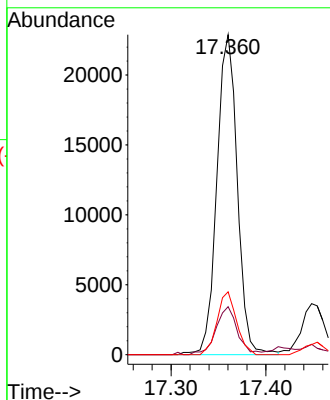
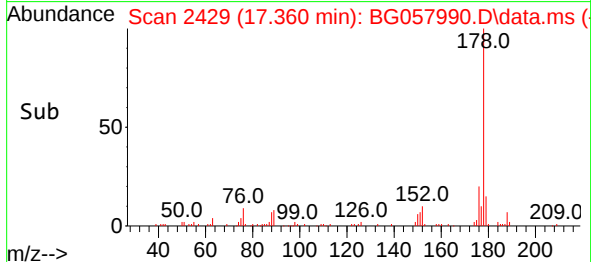
Instrument :
BNA_G
ClientSampleId :
DCGM4



Tgt Ion:178 Resp: 34324
Ion Ratio Lower Upper
178 100
179 15.0 12.8 19.2
176 19.6 15.7 23.5

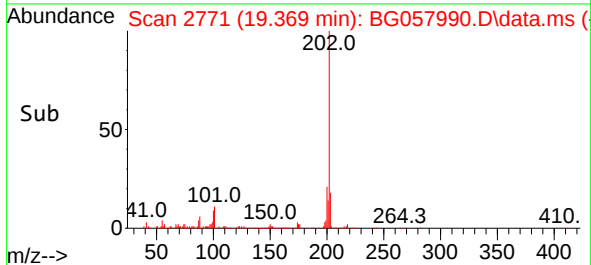
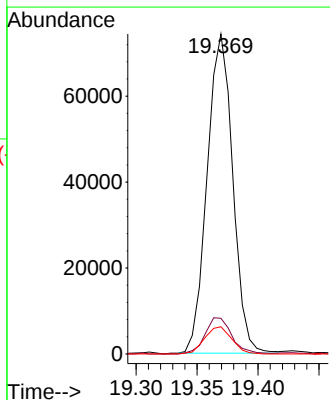
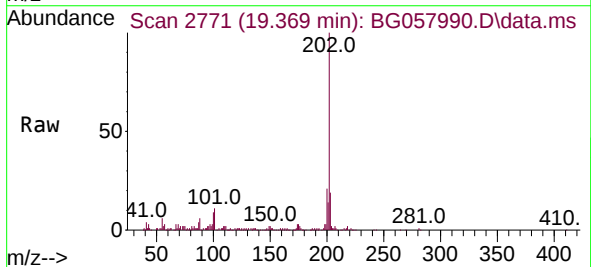
Manual Integrations
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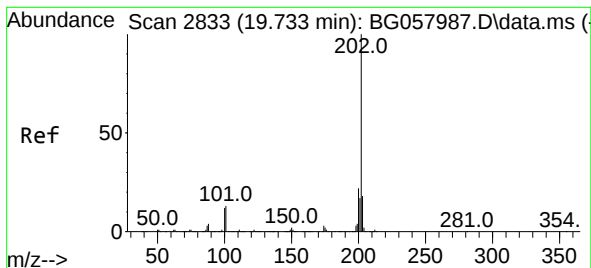
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#80
Fluoranthene
Concen: 4.758 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.001 min
Lab File: BG057990.D
Acq: 4 Jul 2023 16:52

Tgt Ion:202 Resp: 108512
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.5 7.1 10.7





#82

Pyrene

Concen: 4.117 ng/ul

RT: 19.728 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

DCGM4

Tgt Ion:202 Resp: 94514

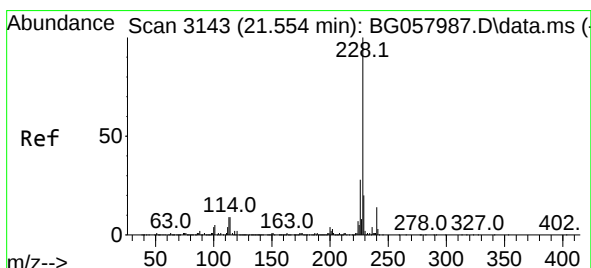
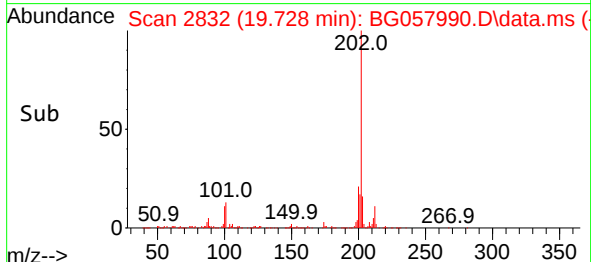
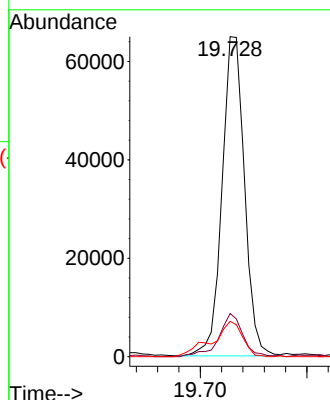
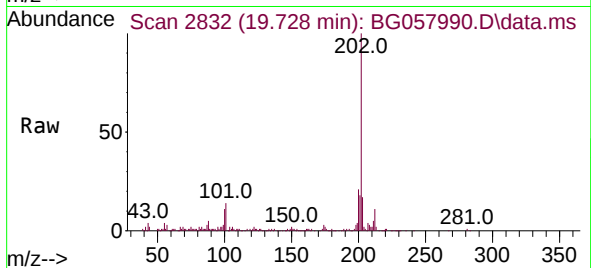
Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.2	15.2
100	11.0	8.9	13.3

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.621 ng/ul

RT: 21.549 min Scan# 3142

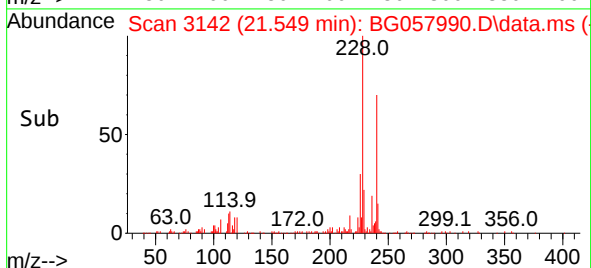
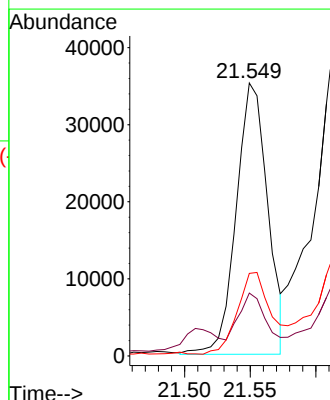
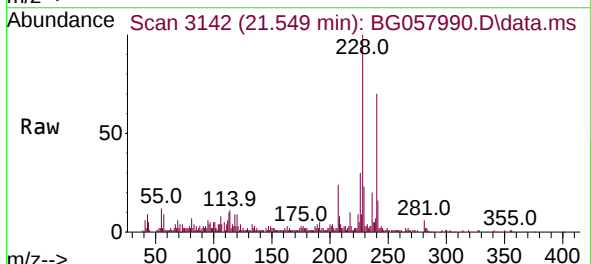
Delta R.T. 0.001 min

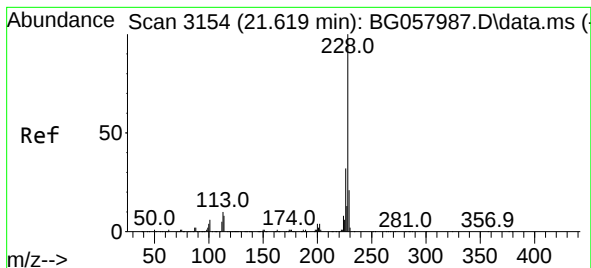
Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Tgt Ion:228 Resp: 58821

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.0	24.0
226	30.3	22.0	33.0





#87

Chrysene

Concen: 3.785 ng/ul m

RT: 21.614 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

DCGM4

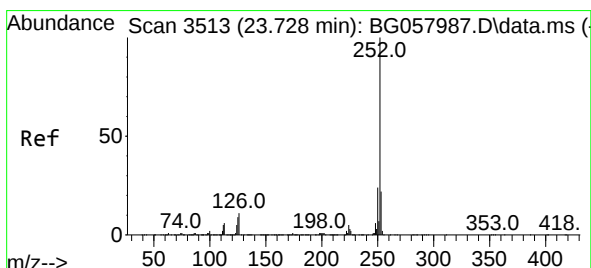
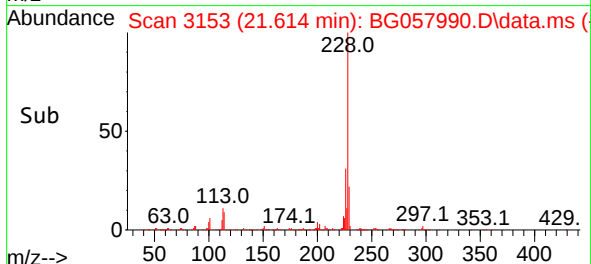
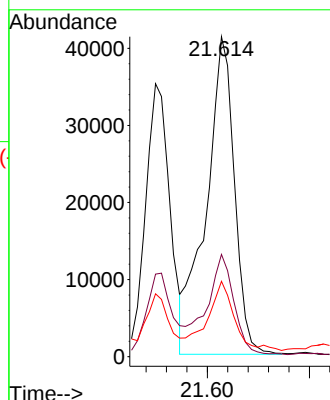
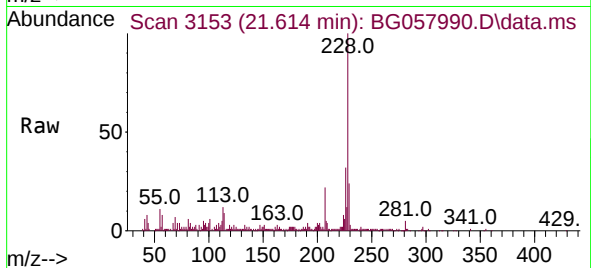
Tgt Ion:228	Resp:	7961
Ion Ratio	Lower	Upper
228	100	
226	31.9	24.4 36.6
229	23.6	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 5.177 ng/ul

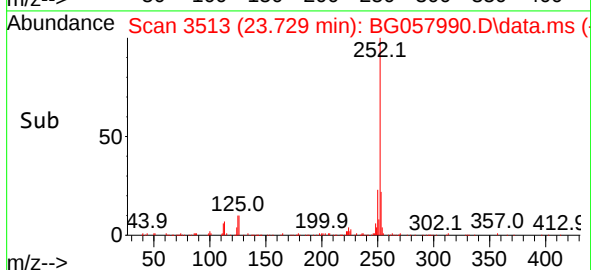
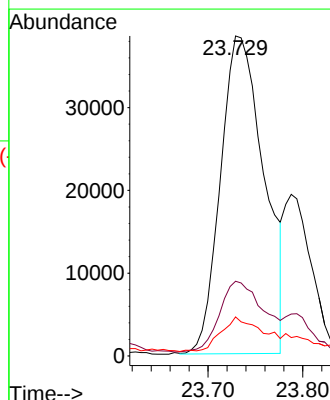
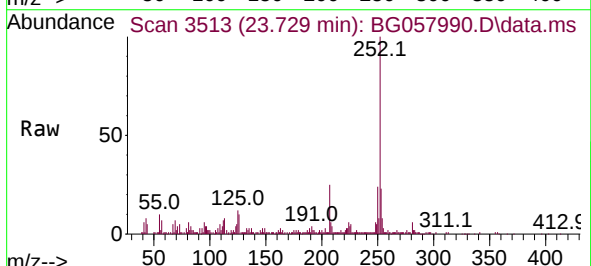
RT: 23.729 min Scan# 3513

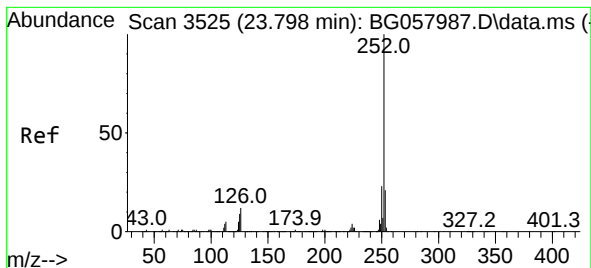
Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Tgt Ion:252	Resp:	122608
Ion Ratio	Lower	Upper
252	100	
253	23.4	18.1 27.1
125	12.2	7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.649 ng/ul

RT: 23.788 min Scan# 3525

Delta R.T. -0.005 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

DCGM4

Tgt Ion:252 Resp: 38272

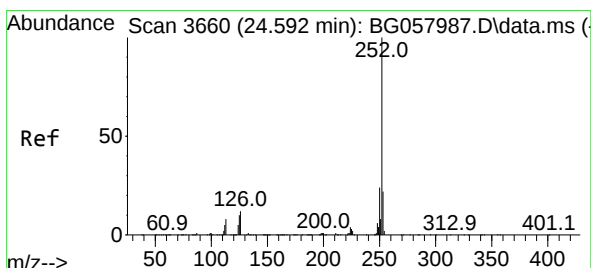
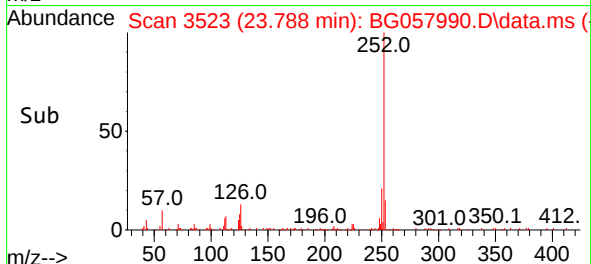
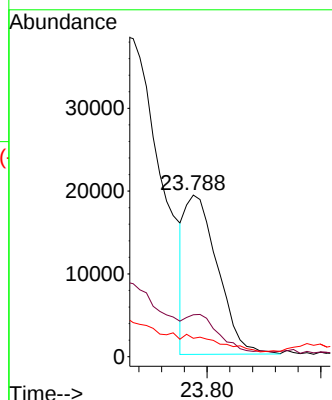
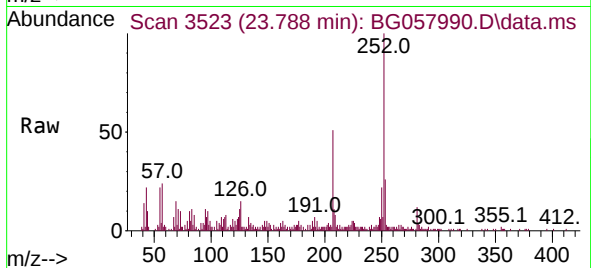
Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.7	26.5
125	11.4	7.4	11.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#93

Benzo(a)pyrene

Concen: 3.365 ng/ul

RT: 24.587 min Scan# 3659

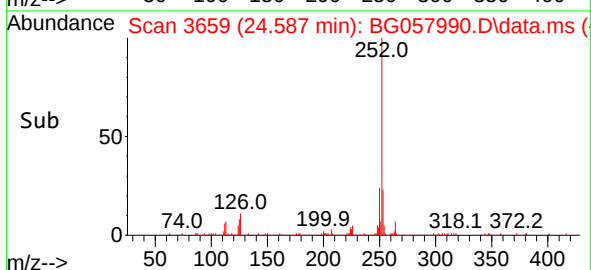
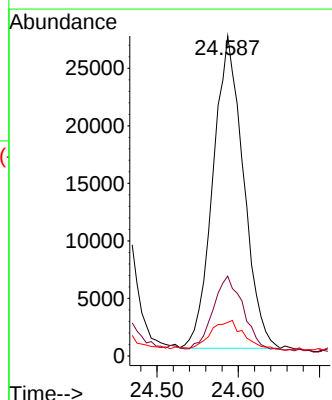
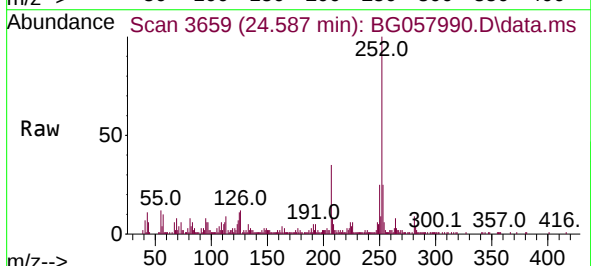
Delta R.T. 0.001 min

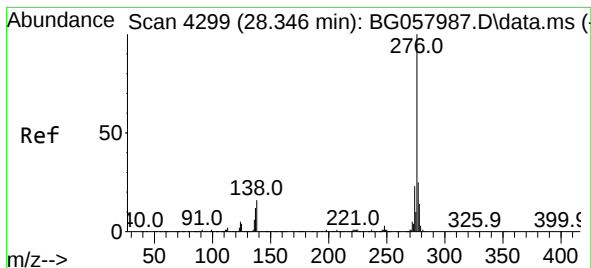
Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Tgt Ion:252 Resp: 70534

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	10.5	8.3	12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.004 ng/ul m

RT: 28.347 min Scan# 4299

Delta R.T. 0.013 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

DCGM4

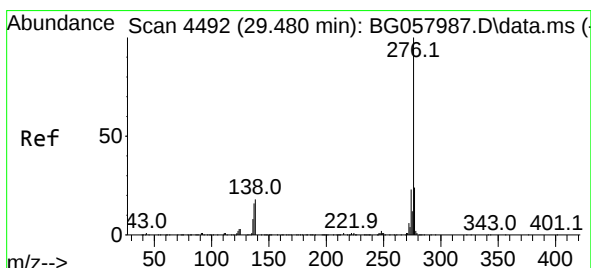
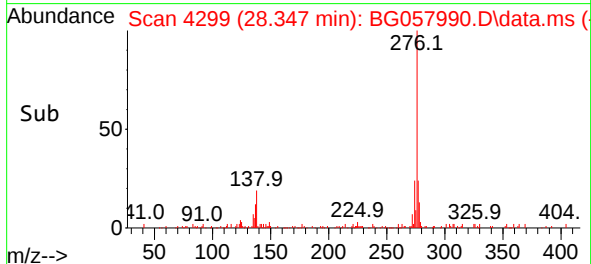
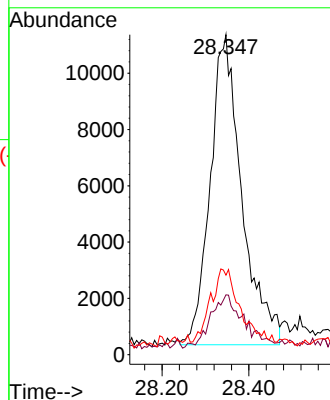
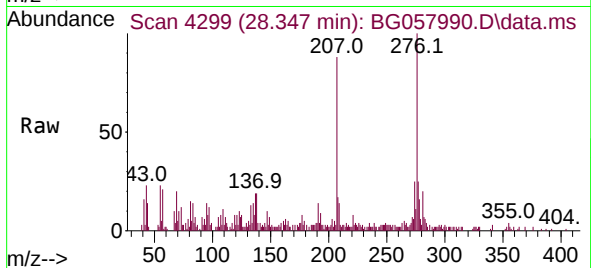
Tgt Ion:276 Resp: 5579
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.0 21.0
 277 24.9 19.4 29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 2.136 ng/ul m

RT: 29.469 min Scan# 4490

Delta R.T. 0.001 min

Lab File: BG057990.D

Acq: 4 Jul 2023 16:52

Tgt Ion:276 Resp: 48565
 Ion Ratio Lower Upper
 276 100
 138 21.8 14.2 21.2#
 277 25.8 18.6 27.8

