

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057977.D
 Acq On : 4 Jul 2023 7:02
 Operator : CG/JU
 Sample : 03247-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGM3

Manual Integrations
 APPROVED

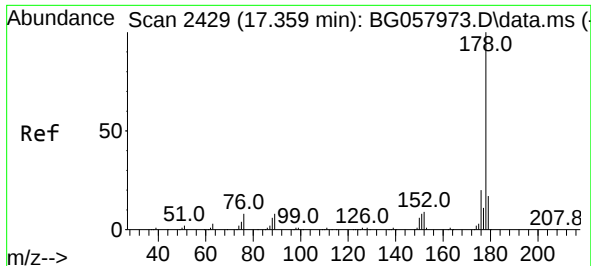
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 07:47:22 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)

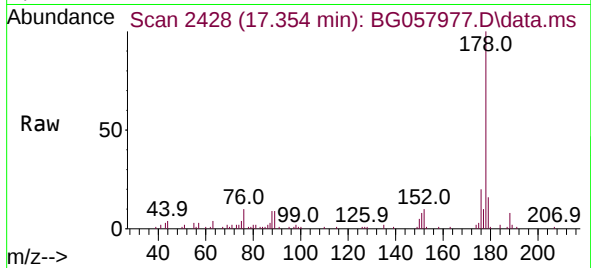
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	39382	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	183587	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	120685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	266183	20.000	ng/u1	0.00
79) Chrysene-d12	21.566	240	217670	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	261185	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4784	4.254	ng/uL	0.00
4) Pyridine-d5	3.793	84	3864	1.132	ng/u1	0.00
7) Phenol-d5	7.101	99	99810	24.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	65923	27.199	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	78786	28.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	44921	14.802	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	40798	27.266	ng/u1	0.00
24) 2-Nitrophenol-d4	9.821	143	42732	27.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	79740	26.432	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	47908	10.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	256115	26.897	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	306118	29.460	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	32229	19.157	ng/u1	0.00
60) Fluorene-d10	15.562	176	227935	28.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	30146	20.857	ng/u1	0.00
73) Anthracene-d10	17.412	188	333139	26.971	ng/u1	0.00
81) Pyrene-d10	19.698	212	399518	29.143	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.516	264	399147	29.996	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.354	178	25162	1.858	ng/u1	99
80) Fluoranthene	19.369	202	131983	8.309	ng/u1	99
82) Pyrene	19.727	202	108312	6.774	ng/u1	98
85) Benzo(a)anthracene	21.549	228	75370	4.822	ng/u1	96
87) Chrysene	21.613	228	81736	5.579	ng/u1	97
90) Benzo(b)fluoranthene	23.729	252	119309	7.378	ng/u1	97
91) Benzo(k)fluoranthene	23.781	252	38838m	2.450	ng/u1	
93) Benzo(a)pyrene	24.580	252	69556	4.859	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.329	276	57693m	3.035	ng/u1	
96) Benzo(g,h,i)perylene	29.463	276	53126m	3.422	ng/u1	

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



#72
Phenanthrene
Concen: 1.858 ng/ul
RT: 17.354 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG057977.D
Acq: 4 Jul 2023 7:02

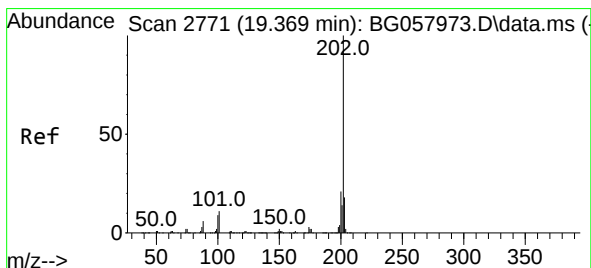
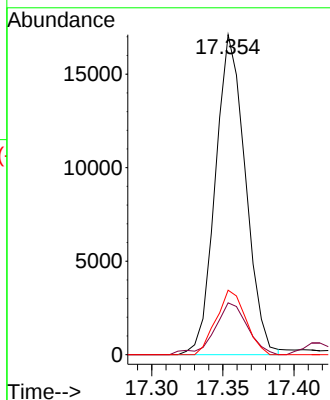
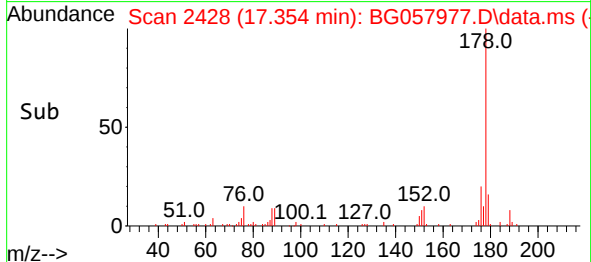
Instrument :
BNA_G
ClientSampleId :
DCGM3



Tgt Ion:178 Resp: 25162
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.1 15.7 23.5

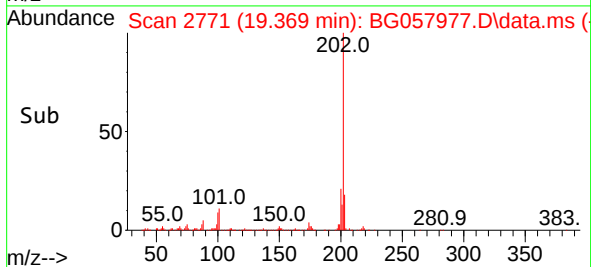
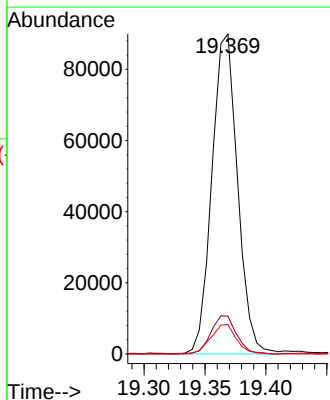
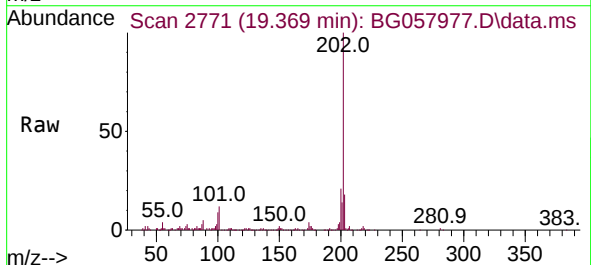
Manual Integrations
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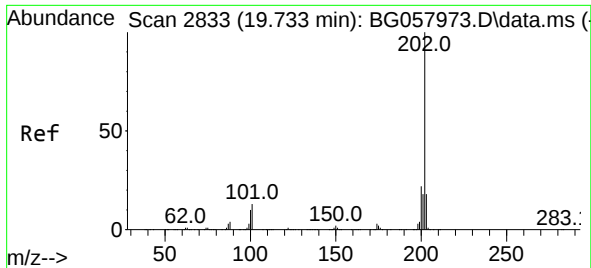
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#80
Fluoranthene
Concen: 8.309 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057977.D
Acq: 4 Jul 2023 7:02

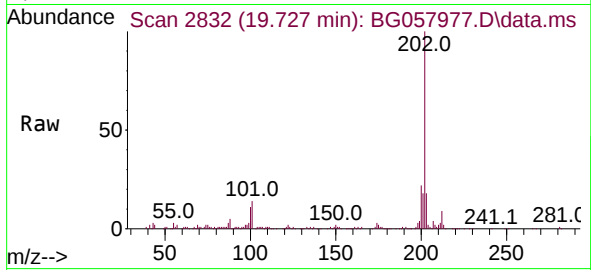
Tgt Ion:202 Resp: 131983
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
100 9.2 7.1 10.7





#82
Pyrene
Concen: 6.774 ng/ul
RT: 19.727 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BG057977.D
Acq: 4 Jul 2023 7:02

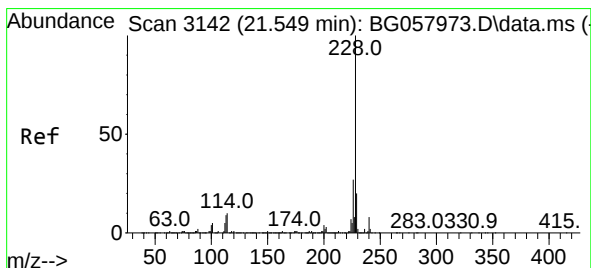
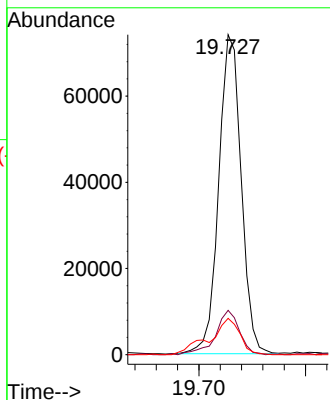
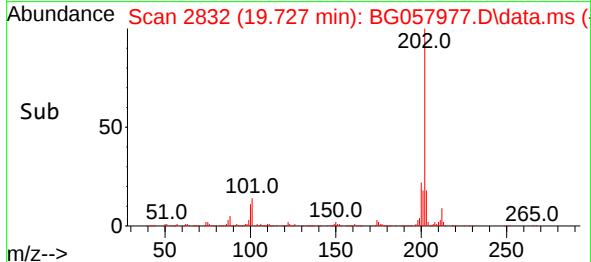
Instrument :
BNA_G
ClientSampleId :
DCGM3



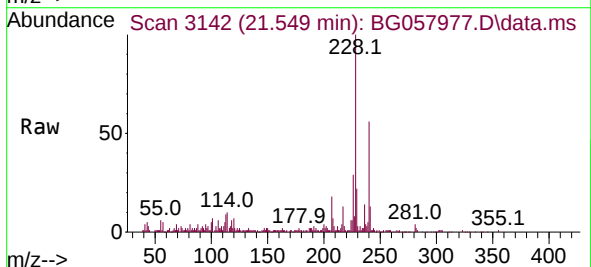
Tgt Ion:202 Resp: 10831
Ion Ratio Lower Upper
202 100
101 13.9 10.2 15.2
100 11.3 8.9 13.3

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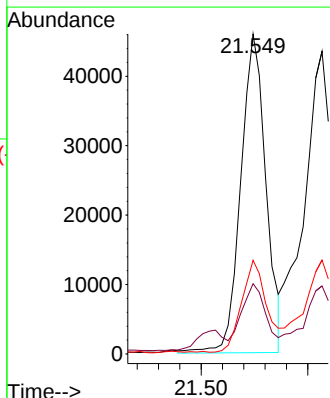
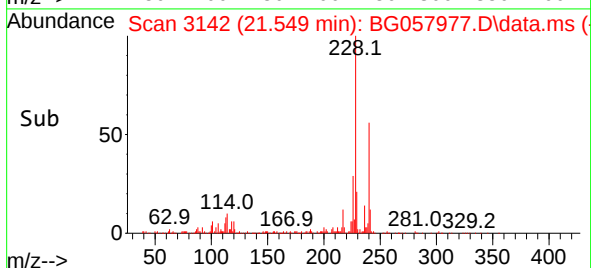
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

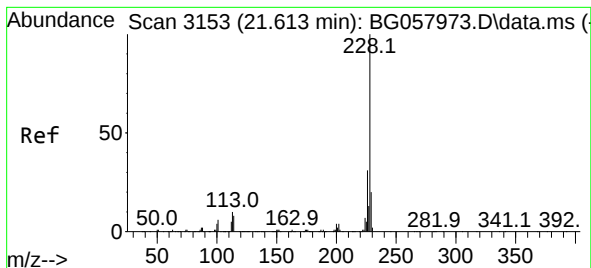


#85
Benzo(a)anthracene
Concen: 4.822 ng/ul
RT: 21.549 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BG057977.D
Acq: 4 Jul 2023 7:02



Tgt Ion:228 Resp: 75370
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 29.3 22.0 33.0





#87

Chrysene

Concen: 5.579 ng/ul

RT: 21.613 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Instrument :

BNA_G

ClientSampleId :

DCGM3

Tgt Ion:228 Resp: 81730

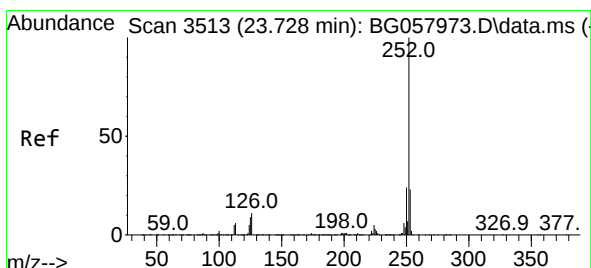
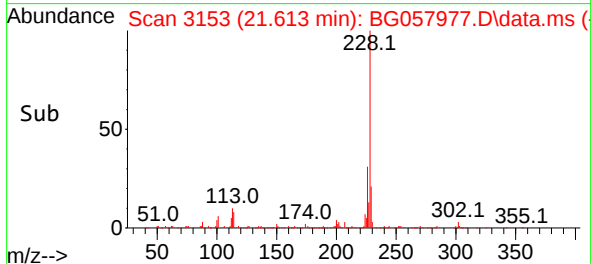
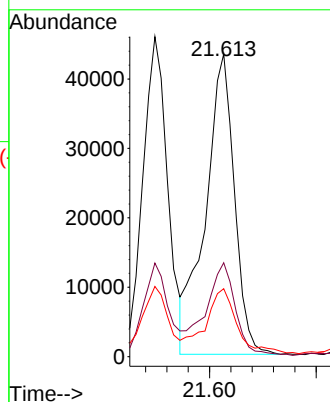
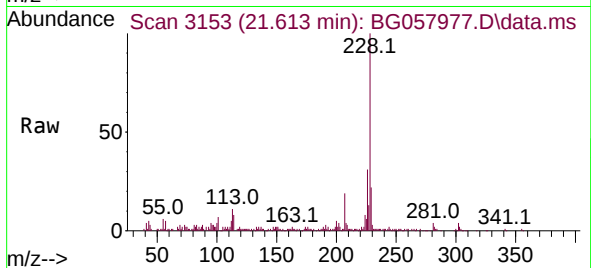
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	22.5	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 7.378 ng/ul

RT: 23.729 min Scan# 3513

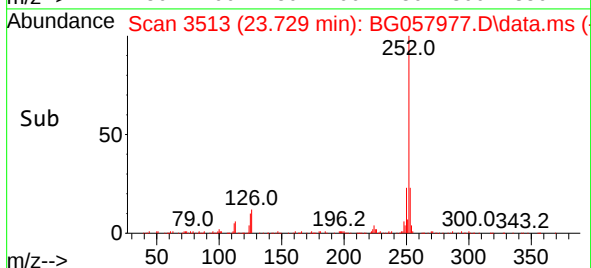
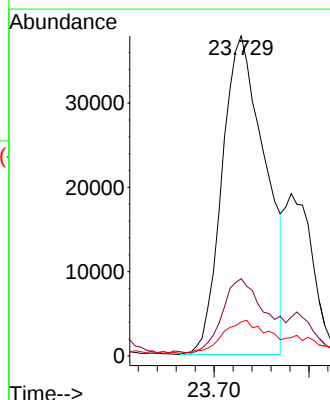
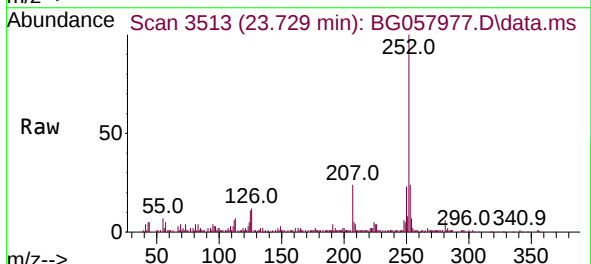
Delta R.T. 0.000 min

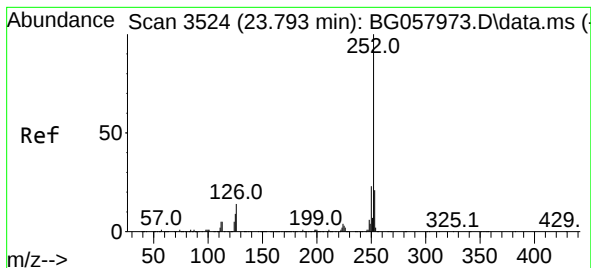
Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Tgt Ion:252 Resp: 119309

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	10.7	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 2.450 ng/ul m

RT: 23.781 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Instrument :

BNA_G

ClientSampleId :

DCGM3

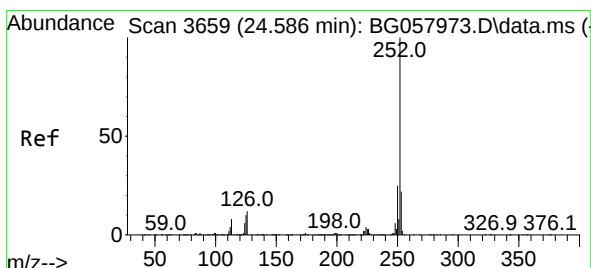
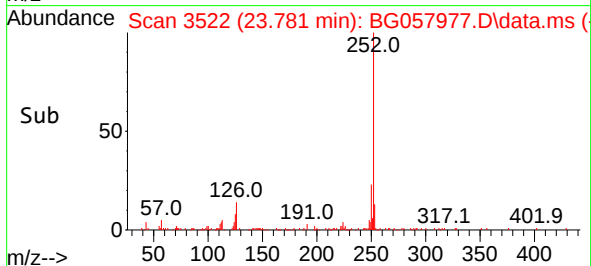
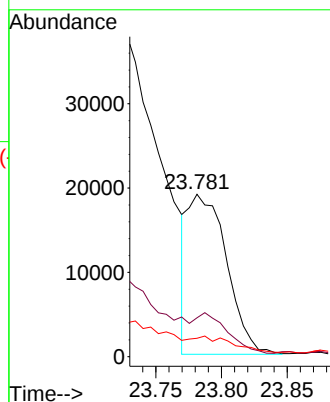
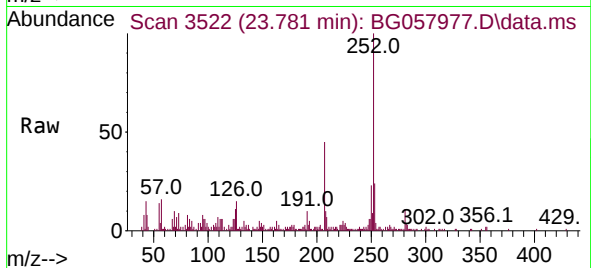
Tgt Ion:252 Resp: 38838
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.7 26.5
 125 11.3 7.4 11.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#93

Benzo(a)pyrene

Concen: 4.859 ng/ul

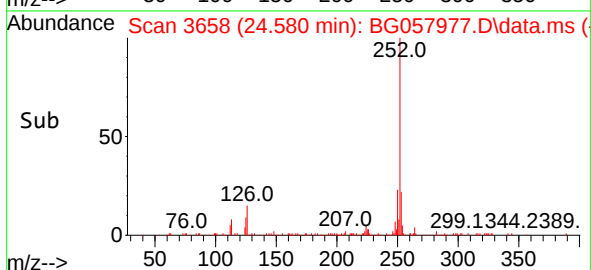
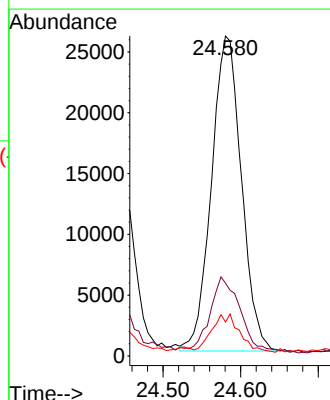
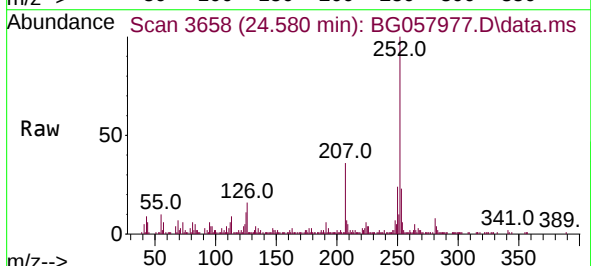
RT: 24.580 min Scan# 3658

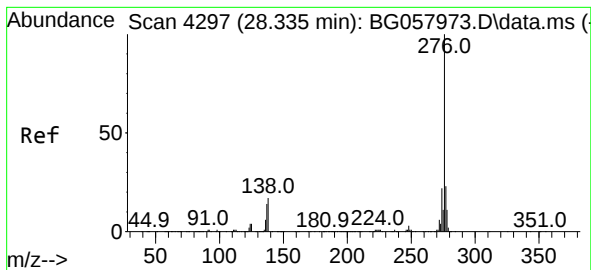
Delta R.T. -0.006 min

Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Tgt Ion:252 Resp: 69556
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.8 26.6
 125 10.6 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.035 ng/ul m

RT: 28.329 min Scan# 4297

Delta R.T. -0.006 min

Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Instrument :

BNA_G

ClientSampleId :

DCGM3

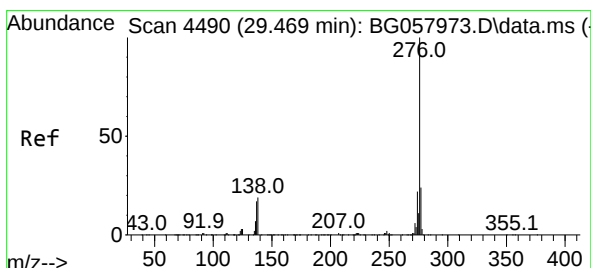
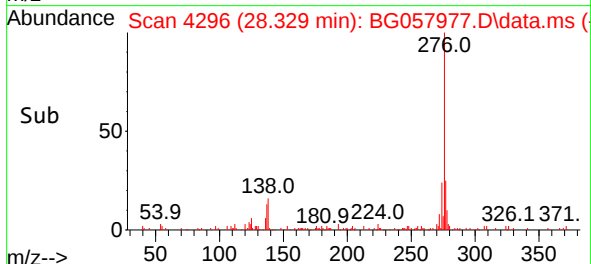
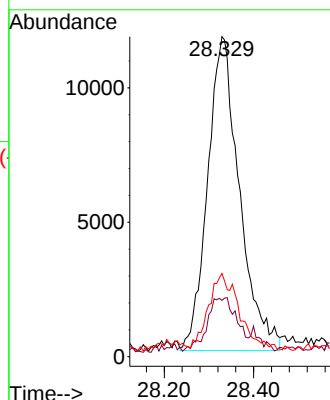
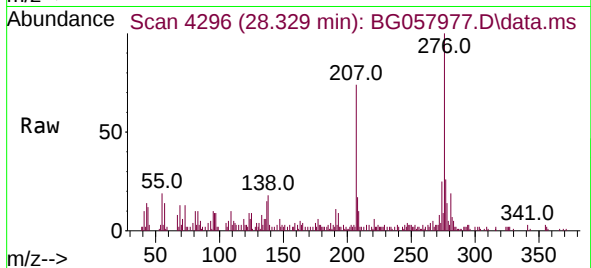
Tgt Ion:276 Resp: 5769
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.0 21.0
 277 26.0 19.4 29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 3.422 ng/ul m

RT: 29.463 min Scan# 4489

Delta R.T. -0.006 min

Lab File: BG057977.D

Acq: 4 Jul 2023 7:02

Tgt Ion:276 Resp: 53126
 Ion Ratio Lower Upper
 276 100
 138 24.1 14.2 21.2#
 277 22.4 18.6 27.8

