

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058167.D
 Acq On : 11 Jul 2023 20:28
 Operator : CG/JU
 Sample : 03385-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7Y0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 11 23:39:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	39224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.778	136	175517	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.597	164	125101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.341	188	297284	20.000	ng/u1	0.00
79) Chrysene-d12	21.595	240	257473	20.000	ng/u1	0.00
88) Perylene-d12	24.785	264	313093	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	4579	4.088	ng/uL	0.00
4) Pyridine-d5	3.810	84	81017	23.824	ng/u1	0.00
7) Phenol-d5	7.129	99	103131	25.746	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	59125	24.493	ng/u1	0.00
11) 2-Chlorophenol-d4	7.506	132	70690	25.587	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	64670	21.396	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	38850	27.158	ng/u1	0.00
24) 2-Nitrophenol-d4	9.856	143	44617	29.676	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	80950	28.067	ng/u1	0.00
31) 4-Chloroaniline-d4	10.907	131	96865	22.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	281815	28.551	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	310884	28.863	ng/u1	0.00
54) 4-Nitrophenol-d4	14.797	143	24984	14.326	ng/u1	0.00
60) Fluorene-d10	15.590	176	253014	30.183	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	21715	13.452	ng/u1	0.00
73) Anthracene-d10	17.441	188	404794	29.344	ng/u1	0.00
81) Pyrene-d10	19.726	212	478311	29.497	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	494565	31.005	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.825	128	11930	1.209	ng/u1	98
52) Acenaphthene	14.662	153	10354	1.297	ng/u1	95
61) Fluorene	15.643	166	11500	1.235	ng/u1	99
72) Phenanthrene	17.382	178	164583	10.884	ng/u1	98
74) Anthracene	17.476	178	73286	4.789	ng/u1	98
80) Fluoranthene	19.392	202	624473	33.234	ng/u1	99
82) Pyrene	19.756	202	511525	27.045	ng/u1	98
85) Benzo(a)anthracene	21.577	228	290186	15.697	ng/u1	98
87) Chrysene	21.642	228	251820	14.531	ng/u1	98
90) Benzo(b)fluoranthene	23.781	252	298582	15.402	ng/u1	100
91) Benzo(k)fluoranthene	23.833	252	121987m	6.420	ng/u1	
93) Benzo(a)pyrene	24.638	252	216374	12.610	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.428	276	130696	5.736	ng/u1	95
95) Dibenzo(a,h)anthracene	28.463	278	31572m	1.680	ng/u1	
96) Benzo(g,h,i)perylene	29.562	276	123782m	6.651	ng/u1	

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

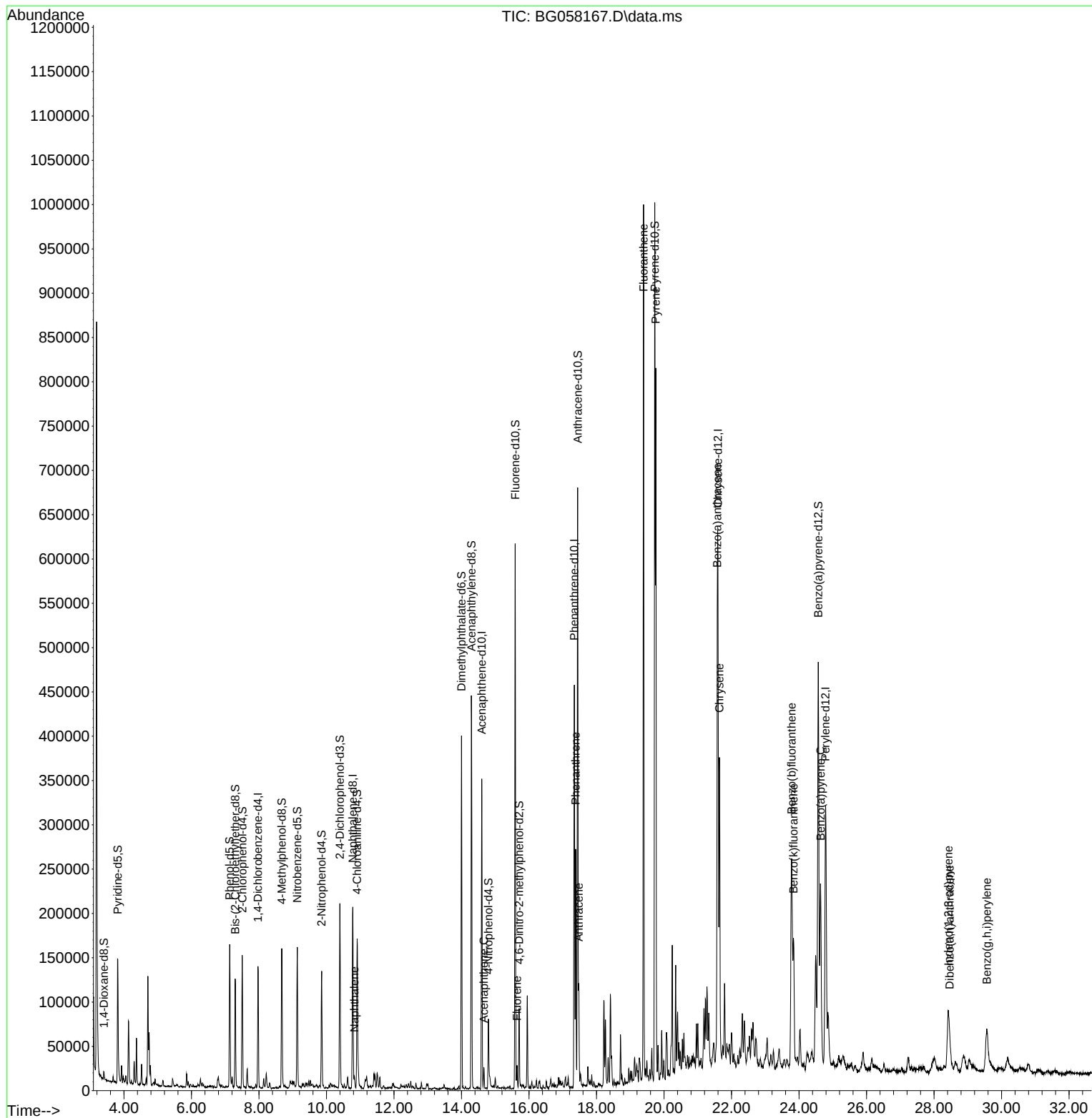
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058167.D
Acq On : 11 Jul 2023 20:28
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Sample : 03385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

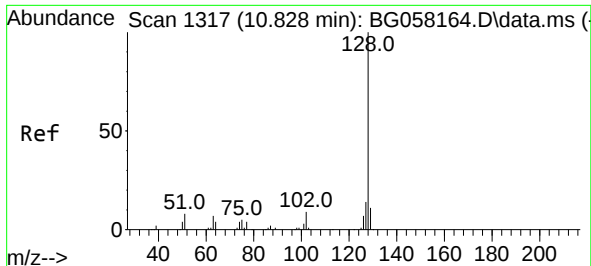
Instrument :
BNA_G
ClientSampleId :
EX7Y0

Quant Time: Jul 11 23:39:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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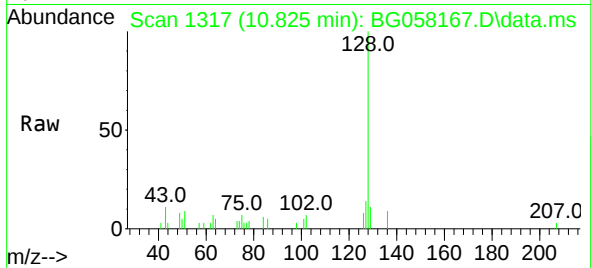
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023





#30
Naphthalene
Concen: 1.209 ng/ul
RT: 10.825 min Scan# 11930
Delta R.T. -0.000 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

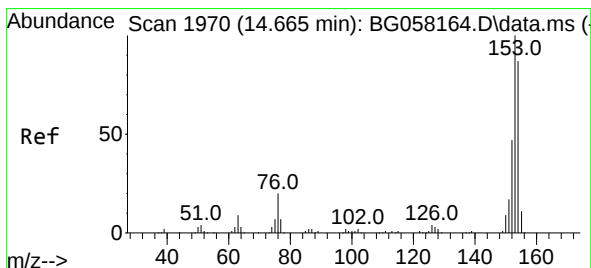
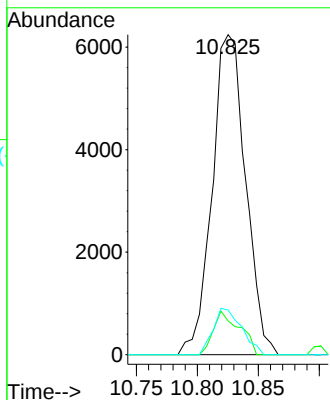
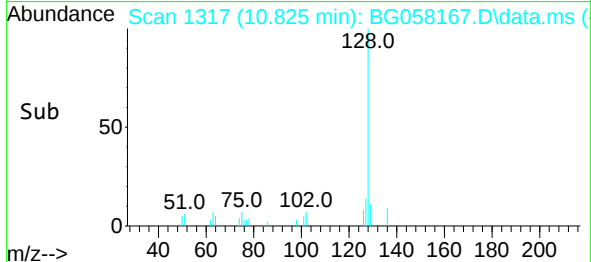
Instrument :
BNA_G
ClientSampleId :
EX7Y0



Tgt Ion:128 Resp: 11930
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.0 10.2 15.2

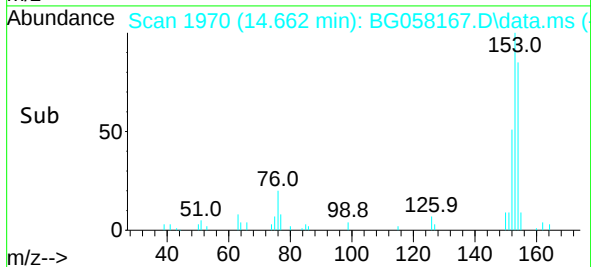
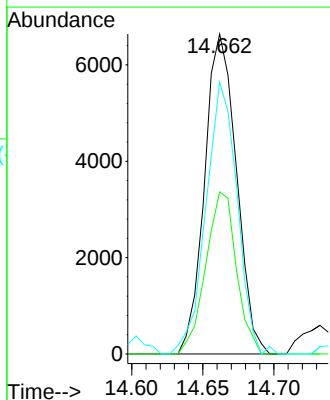
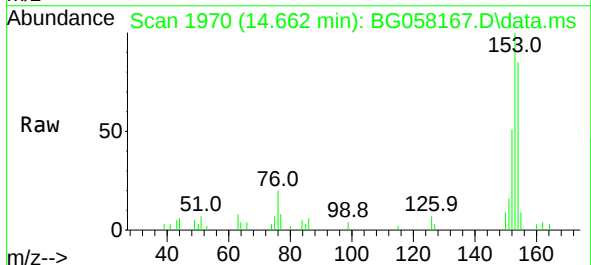
Manual Integrations
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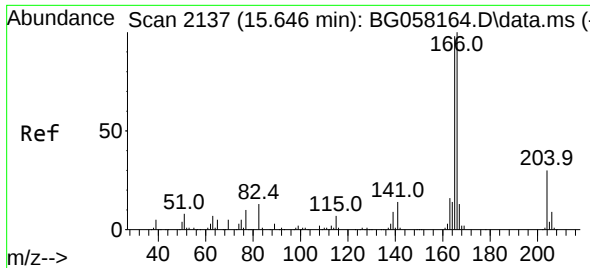
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#52
Acenaphthene
Concen: 1.297 ng/ul
RT: 14.662 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

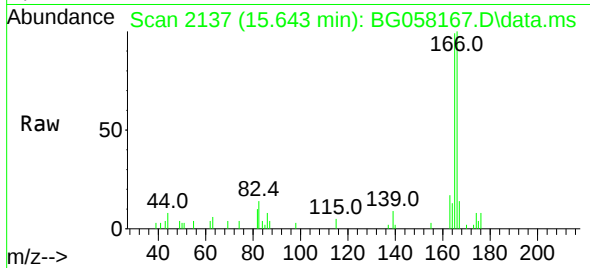
Tgt Ion:153 Resp: 10354
Ion Ratio Lower Upper
153 100
152 50.7 36.5 54.7
154 85.0 70.5 105.7





#61
Fluorene
Concen: 1.235 ng/ul
RT: 15.643 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

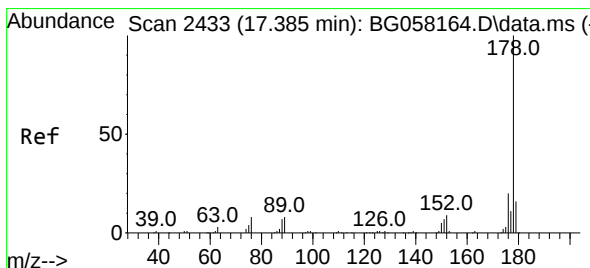
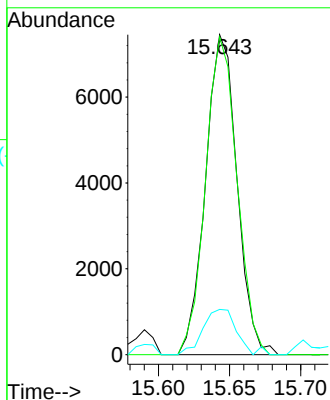
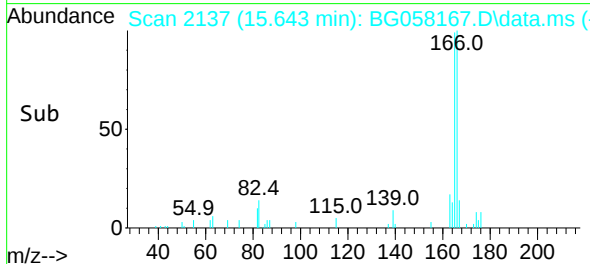
Instrument :
BNA_G
ClientSampleId :
EX7Y0



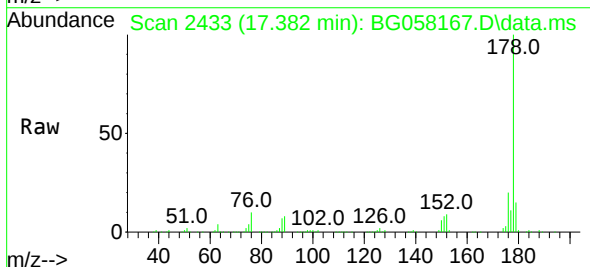
Tgt Ion:166 Resp: 11500
Ion Ratio Lower Upper
166 100
165 99.3 79.1 118.7
167 14.2 10.7 16.1

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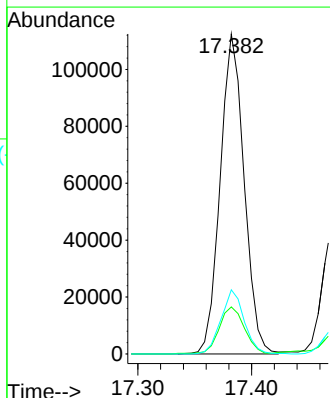
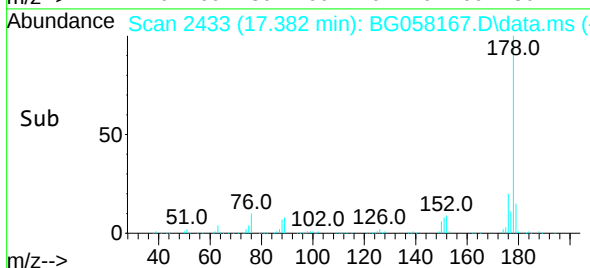
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

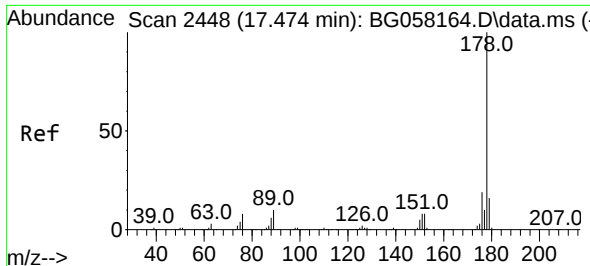


#72
Phenanthrene
Concen: 10.884 ng/ul
RT: 17.382 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28



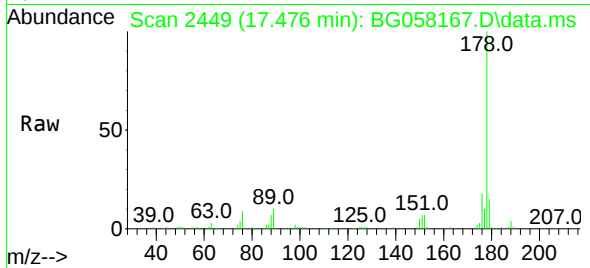
Tgt Ion:178 Resp: 164583
Ion Ratio Lower Upper
178 100
179 14.7 12.8 19.2
176 20.0 15.7 23.5





#74
 Anthracene
 Concen: 4.789 ng/u1
 RT: 17.476 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BG058167.D
 Acq: 11 Jul 2023 20:28

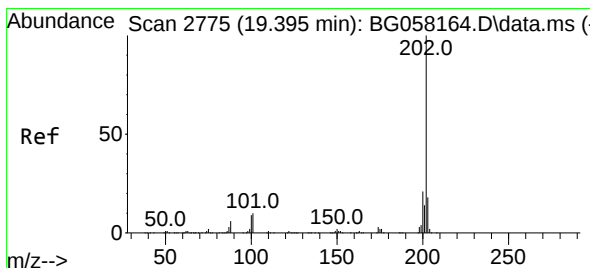
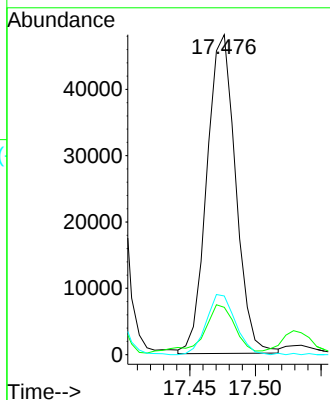
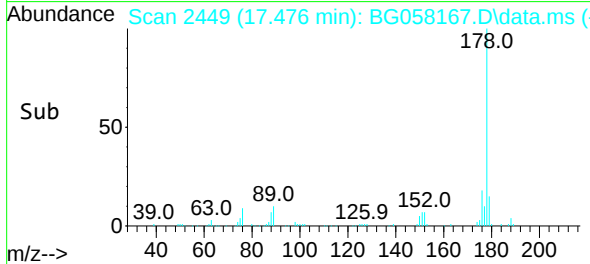
Instrument :
 BNA_G
 ClientSampleId :
 EX7Y0



Tgt Ion:178 Resp: 73280
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.6 18.8
 176 18.3 15.4 23.2

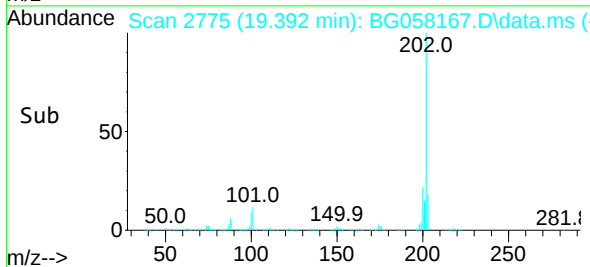
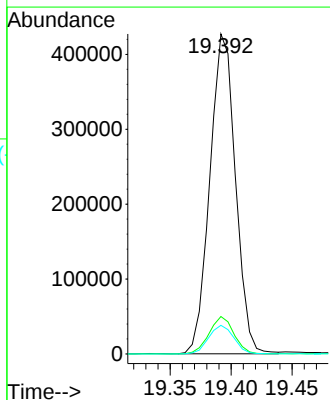
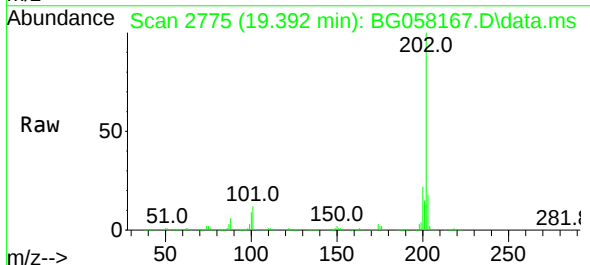
Manual Integrations
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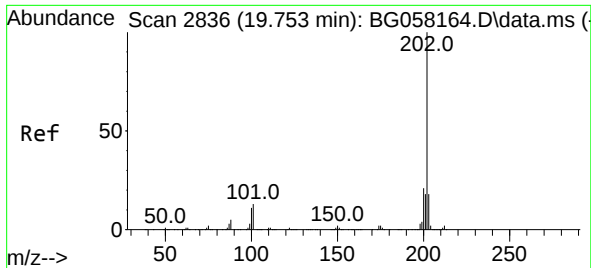
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#80
 Fluoranthene
 Concen: 33.234 ng/u1
 RT: 19.392 min Scan# 2775
 Delta R.T. -0.000 min
 Lab File: BG058167.D
 Acq: 11 Jul 2023 20:28

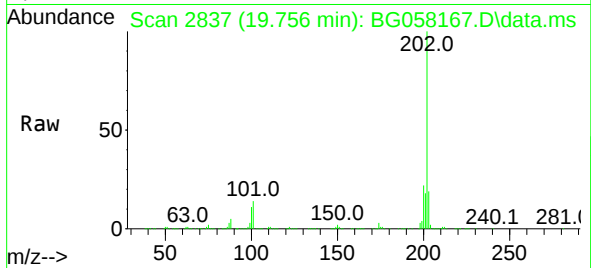
Tgt Ion:202 Resp: 624473
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.1 13.7
 100 9.0 7.1 10.7





#82
Pyrene
Concen: 27.045 ng/ul
RT: 19.756 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

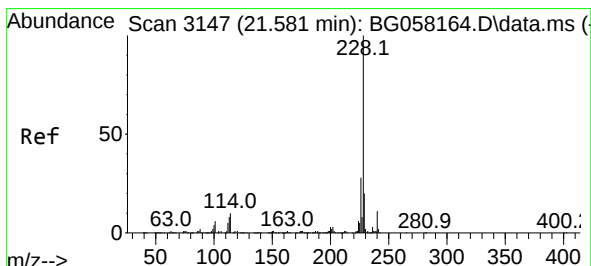
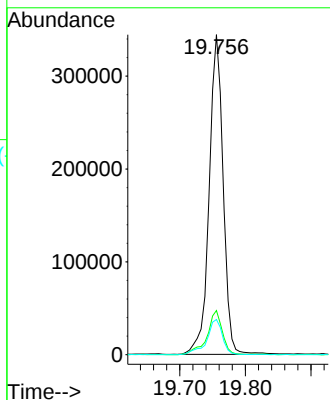
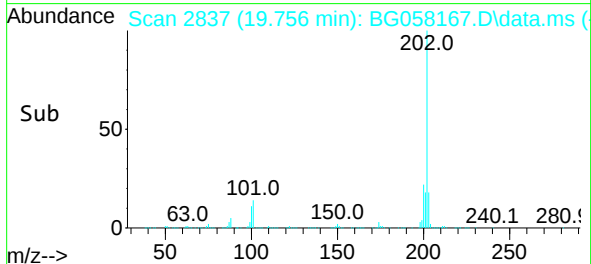
Instrument :
BNA_G
ClientSampleId :
EX7Y0



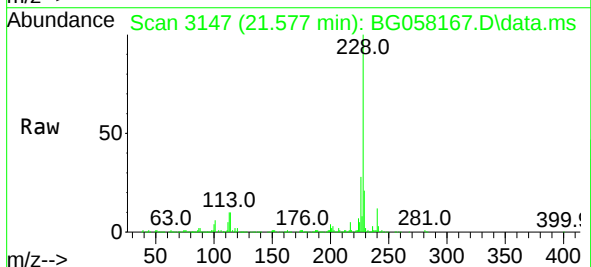
Tgt Ion:202 Resp: 51152
Ion Ratio Lower Upper
202 100
101 13.8 10.2 15.2
100 11.0 8.9 13.3

Manual Integrations
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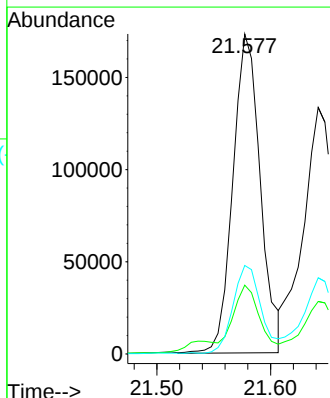
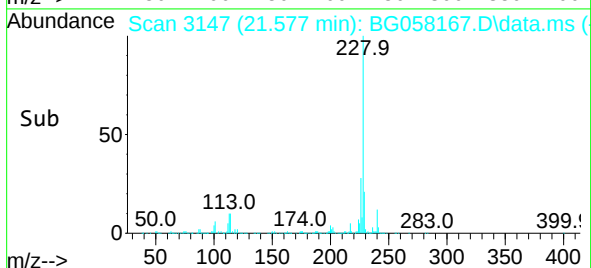
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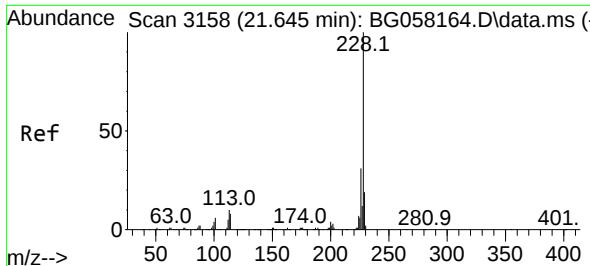


#85
Benzo(a)anthracene
Concen: 15.697 ng/ul
RT: 21.577 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28



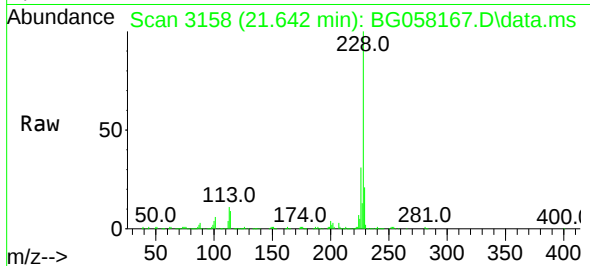
Tgt Ion:228 Resp: 290186
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 27.6 22.0 33.0





#87
Chrysene
Concen: 14.531 ng/u1
RT: 21.642 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

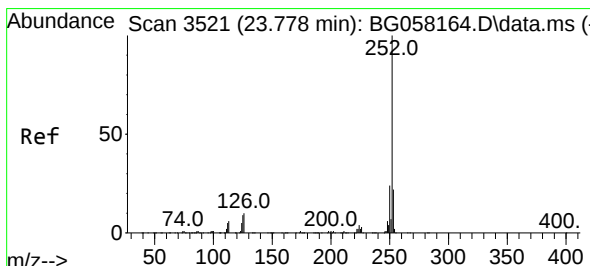
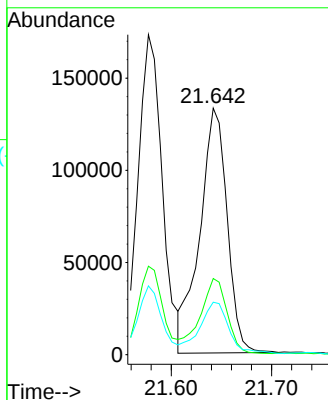
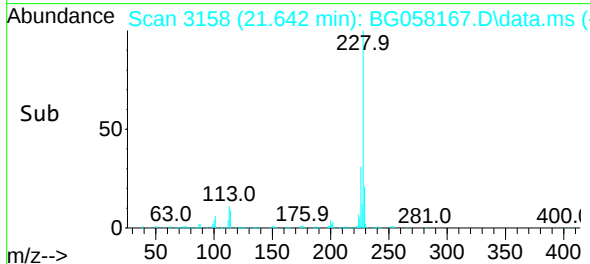
Instrument :
BNA_G
ClientSampleId :
EX7Y0



Tgt Ion:228 Resp: 251820
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 21.3 15.5 23.3

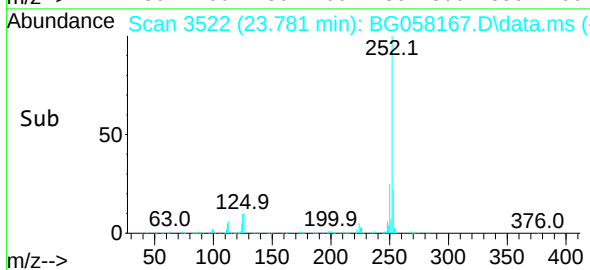
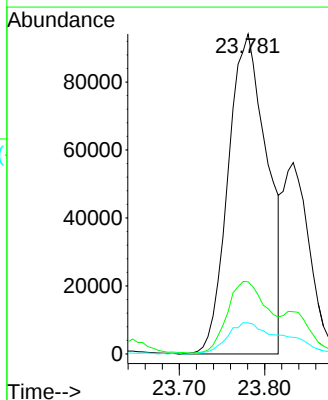
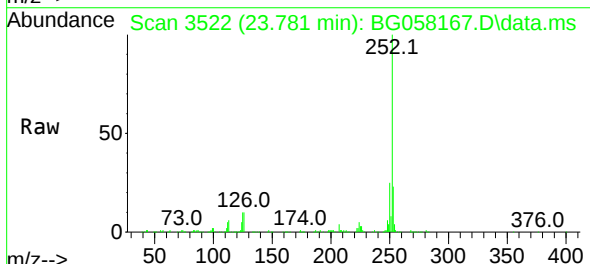
Manual Integrations
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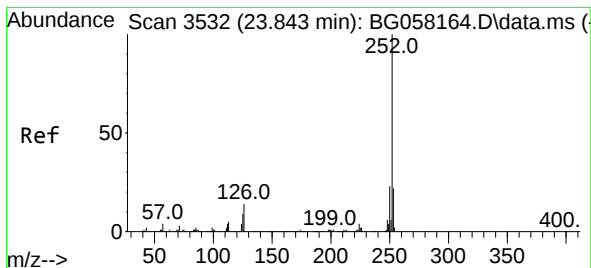
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#90
Benzo(b)fluoranthene
Concen: 15.402 ng/u1
RT: 23.781 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BG058167.D
Acq: 11 Jul 2023 20:28

Tgt Ion:252 Resp: 298582
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.7 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 6.420 ng/ul m

RT: 23.833 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG058167.D

Acq: 11 Jul 2023 20:28

Instrument :

BNA_G

ClientSampleId :

EX7Y0

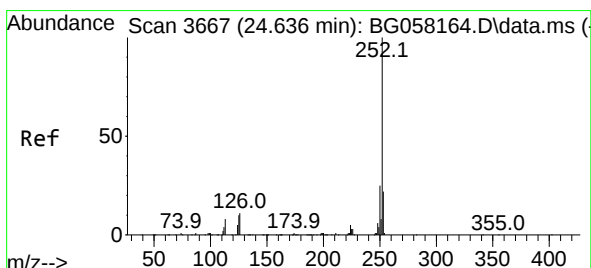
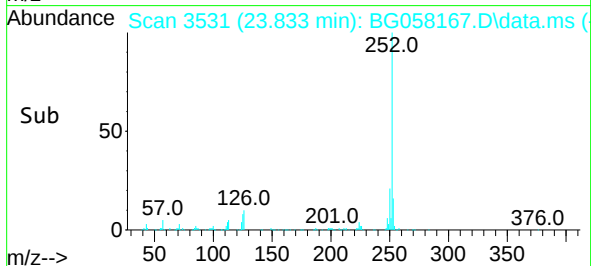
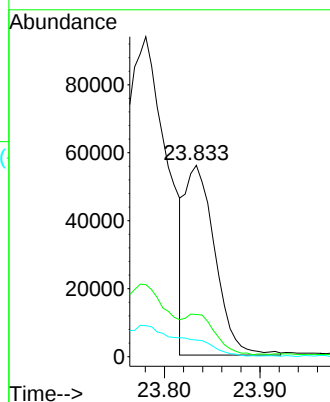
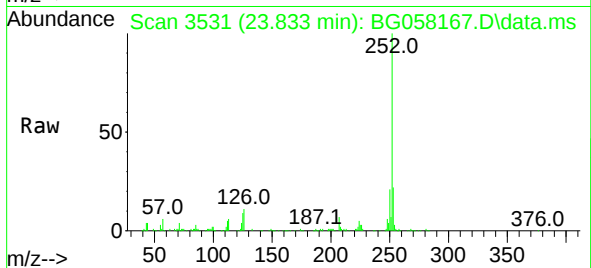
Tgt Ion:252 Resp: 12198
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 8.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#93

Benzo(a)pyrene

Concen: 12.610 ng/ul

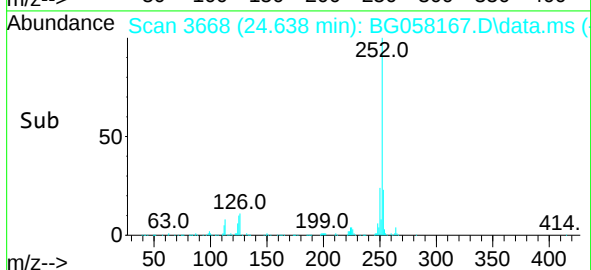
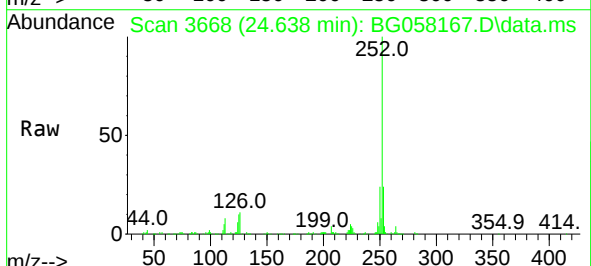
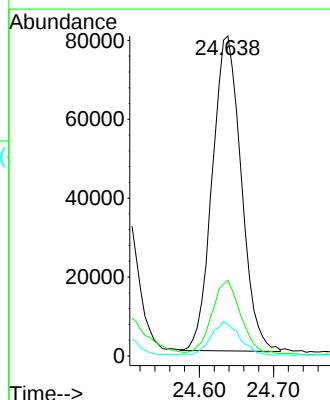
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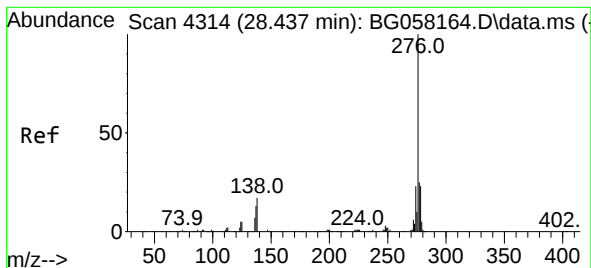
Delta R.T. -0.000 min

Lab File: BG058167.D

Acq: 11 Jul 2023 20:28

Tgt Ion:252 Resp: 216374
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.8 26.6
 125 9.9 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.736 ng/ul

RT: 28.428 min Scan# 4314

Delta R.T. 0.006 min

Lab File: BG058167.D

Acq: 11 Jul 2023 20:28

Instrument :

BNA_G

ClientSampleId :

EX7Y0

Tgt Ion:276 Resp: 130690

Ion Ratio Lower Upper

276 100

138 19.5 14.0 21.0

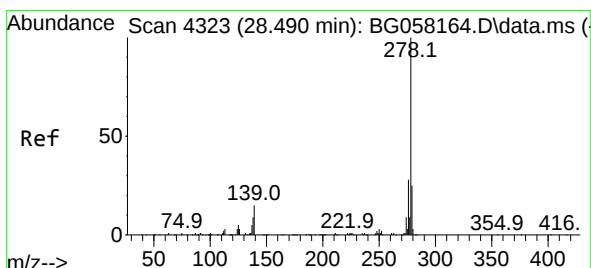
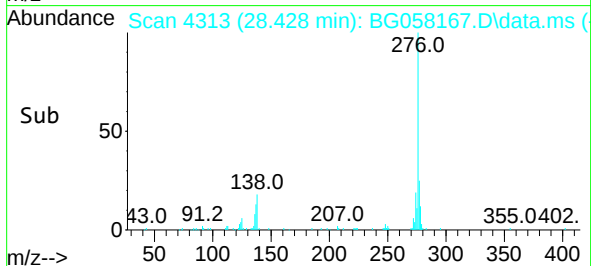
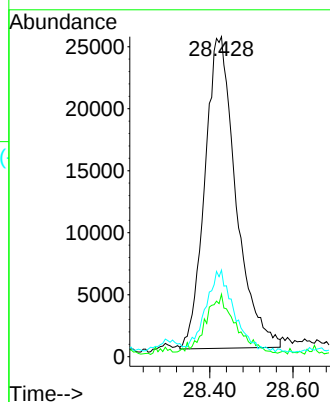
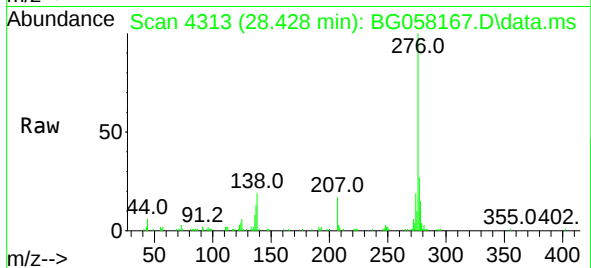
277 27.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.680 ng/ul m

RT: 28.463 min Scan# 4319

Delta R.T. -0.024 min

Lab File: BG058167.D

Acq: 11 Jul 2023 20:28

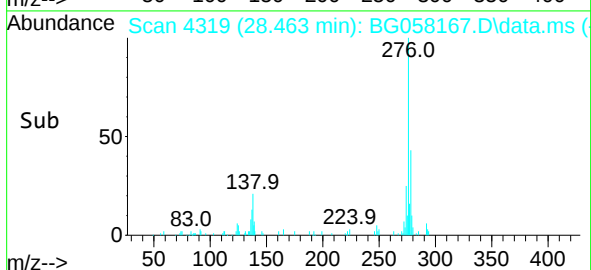
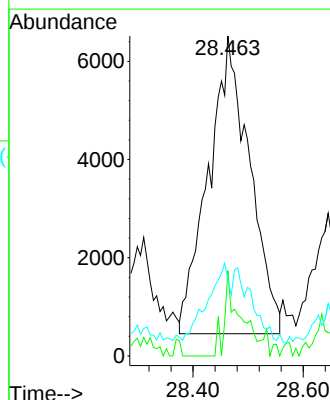
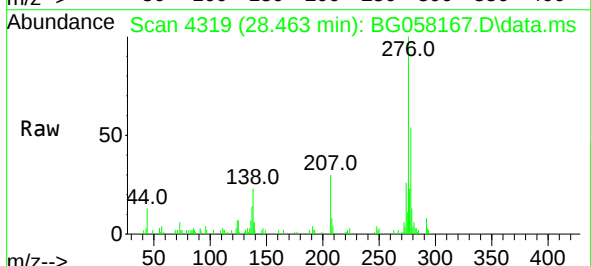
Tgt Ion:278 Resp: 31572

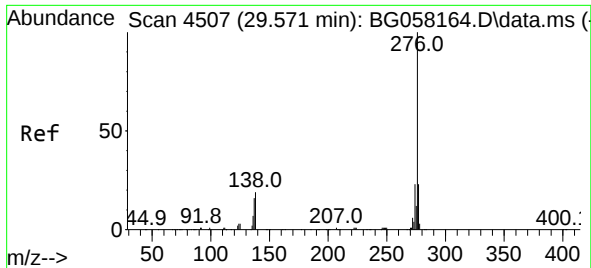
Ion Ratio Lower Upper

278 100

139 11.9 11.3 16.9

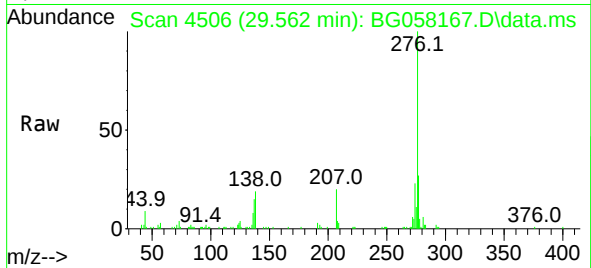
279 24.2 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 6.651 ng/ul m
 RT: 29.562 min Scan# 4506
 Delta R.T. -0.000 min
 Lab File: BG058167.D
 Acq: 11 Jul 2023 20:28

Instrument :
 BNA_G
 ClientSampleId :
 EX7Y0



Tgt Ion:276 Resp: 12378
 Ion Ratio Lower Upper
 276 100
 138 18.8 14.2 21.2
 277 27.3 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

