

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058367.D
 Acq On : 20 Jul 2023 20:24
 Operator : CG/JU
 Sample : 03501-06DL2 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W5DL2

Quant Time: Jul 21 05:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	45995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	214344	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.529	164	163720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	378275	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	310360	20.000	ng/u1	0.00
88) Perylene-d12	24.664	264	390575	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.438	132	2654	0.869	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	2744	0.824	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	1228	0.764	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	1408	0.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	2506	0.745	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.936	166	13211	1.046	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	9674	0.731	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.522	176	12257	1.173	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.373	188	17196	1.052	ng/u1	0.00
81) Pyrene-d10	19.664	212	4646	0.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	3143m	0.166	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.594	153	51931	5.237	ng/u1	98
56) Dibenzofuran	14.929	168	58594	4.150	ng/u1	99
61) Fluorene	15.581	166	128370	11.087	ng/u1	100
72) Phenanthrene	17.326	178	945564	52.600	ng/u1	98
74) Anthracene	17.414	178	322811	17.887	ng/u1	98
77) Carbazole	17.679	167	34618	2.213	ng/u1	99
80) Fluoranthene	19.335	202	927061	44.146	ng/u1	100
82) Pyrene	19.694	202	190177	8.938	ng/u1	98
85) Benzo(a)anthracene	21.509	228	422107	20.234	ng/u1	97
87) Chrysene	21.574	228	287801m	14.545	ng/u1	
90) Benzo(b)fluoranthene	23.666	252	294777	13.044	ng/u1	99
91) Benzo(k)fluoranthene	23.724	252	139599	6.194	ng/u1	98
93) Benzo(a)pyrene	24.506	252	25390	1.263	ng/u1#	78
94) Indeno(1,2,3-cd)pyrene	28.225	276	34976	1.321	ng/u1#	86
95) Dibenzo(a,h)anthracene	28.266	278	49899m	2.298	ng/u1	

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

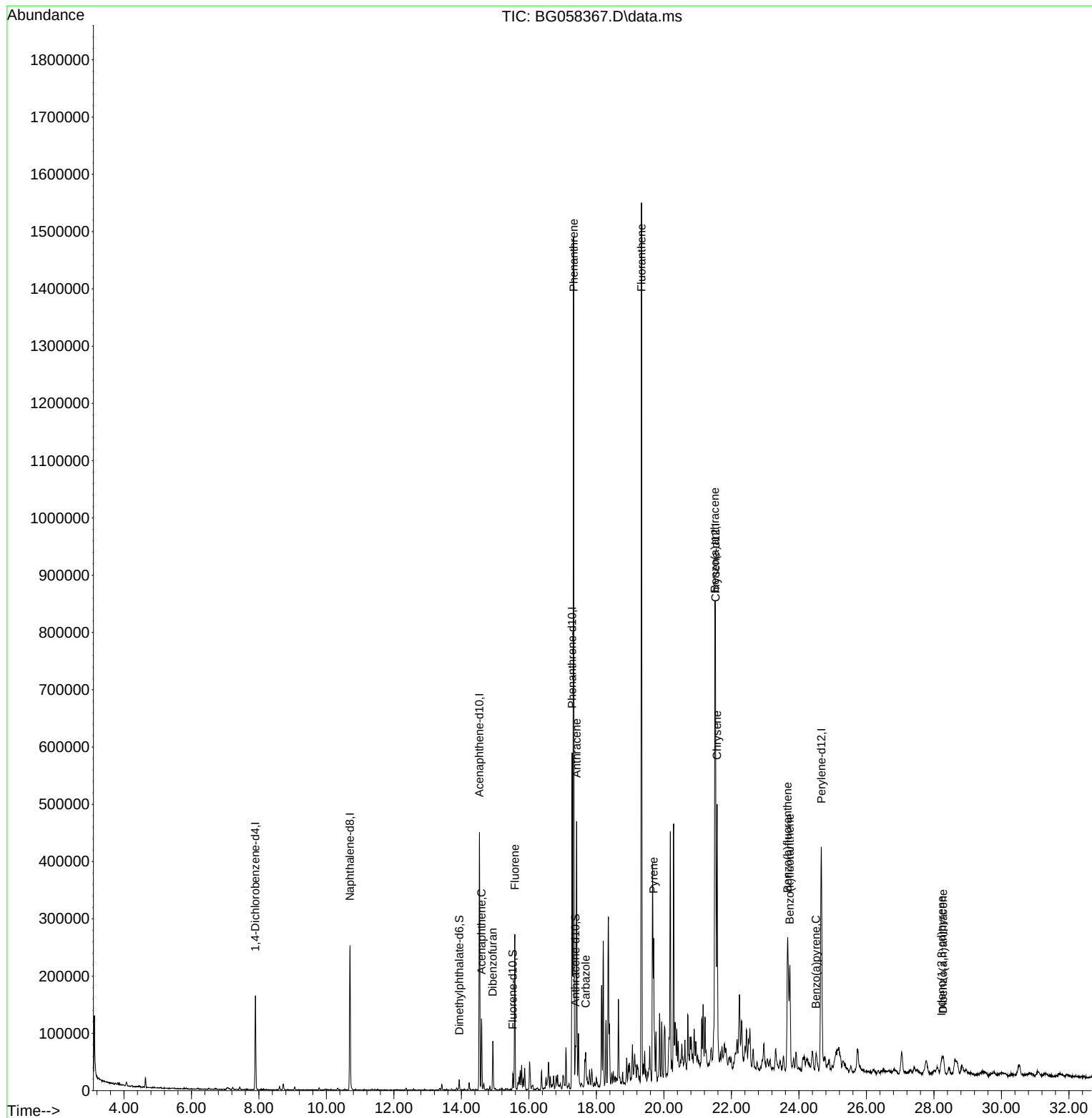
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058367.D
Acq On : 20 Jul 2023 20:24
Operator : CG/JU
Sample : 03501-06DL2 20X
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ALS Vial : 38 Sample Multiplier: 1

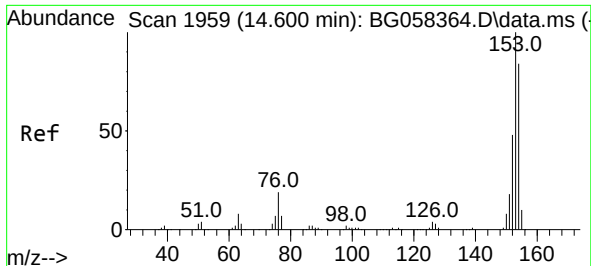
Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Quant Time: Jul 21 05:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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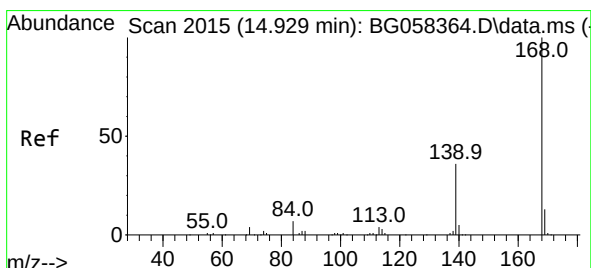
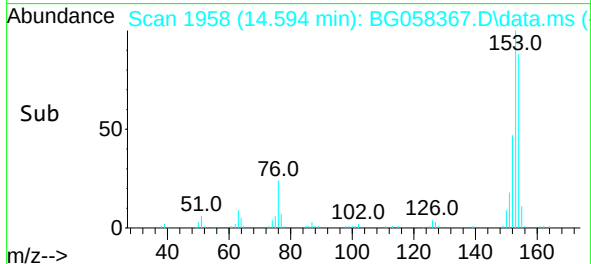
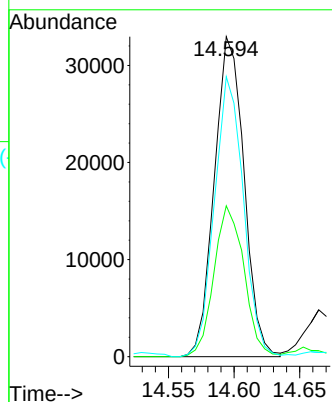
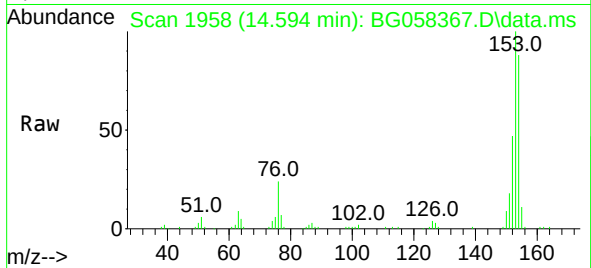
#52
Acenaphthene
Concen: 5.237 ng/ul
RT: 14.594 min Scan# 1959
Delta R.T. -0.009 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Instrument :
BNA_G
ClientSampleId :
A46W5DL2

Tgt Ion:153 Resp: 5193
Ion Ratio Lower Upper
153 100
152 47.2 39.1 58.7
154 87.5 68.7 103.1

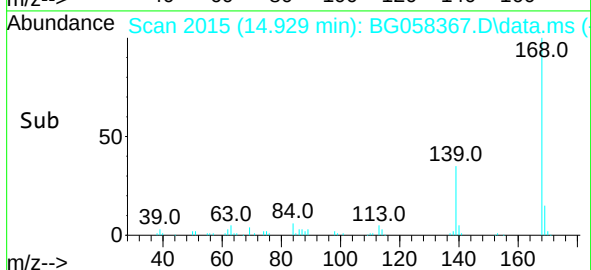
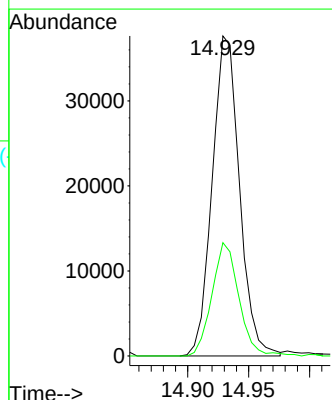
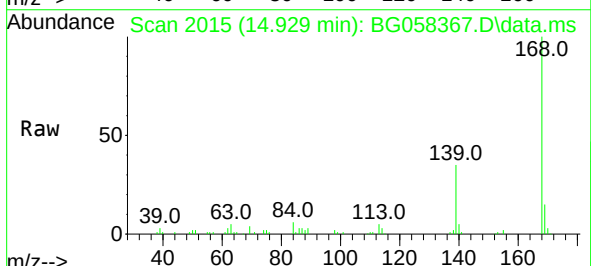
Manual Integrations
APPROVED

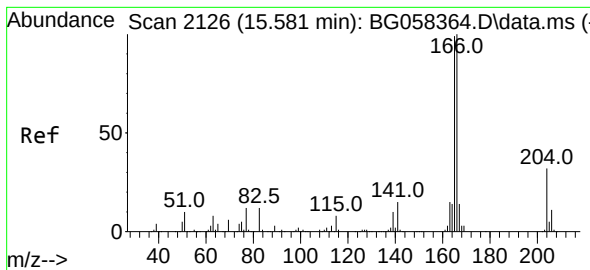
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#56
Dibenzofuran
Concen: 4.150 ng/ul
RT: 14.929 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

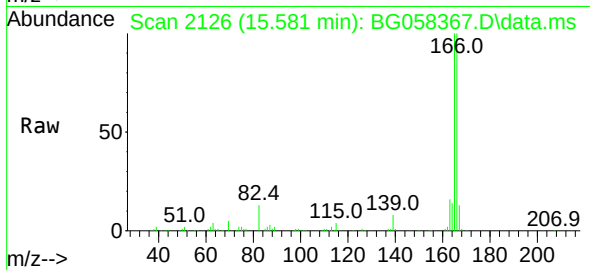
Tgt Ion:168 Resp: 58594
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8





#61
Fluorene
Concen: 11.087 ng/ul
RT: 15.581 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

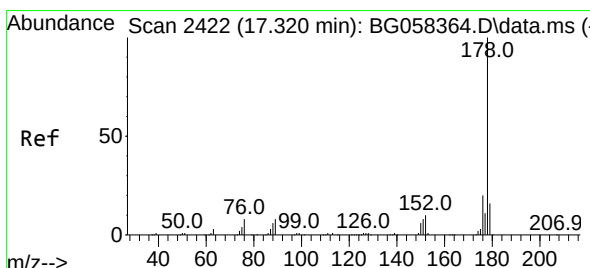
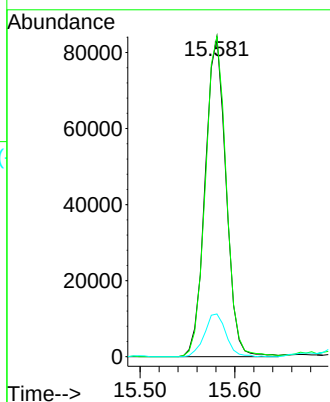
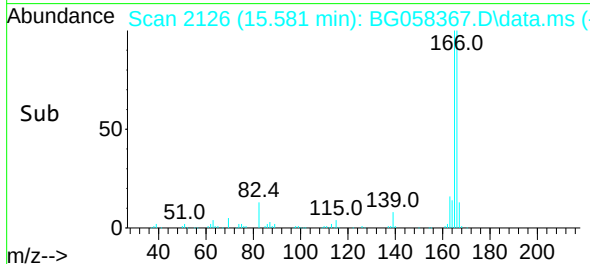
Instrument :
BNA_G
ClientSampleId :
A46W5DL2



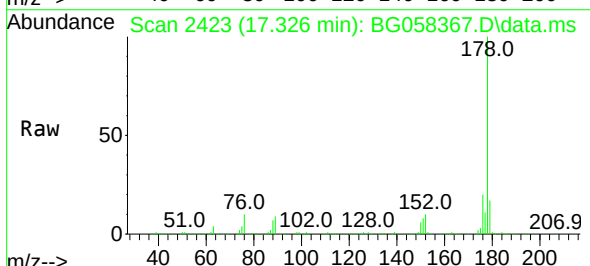
Tgt Ion:166 Resp: 128370
Ion Ratio Lower Upper
166 100
165 100.0 80.2 120.2
167 13.4 10.5 15.7

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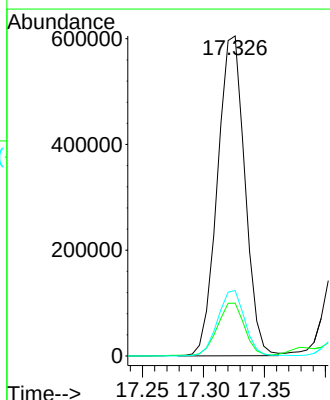
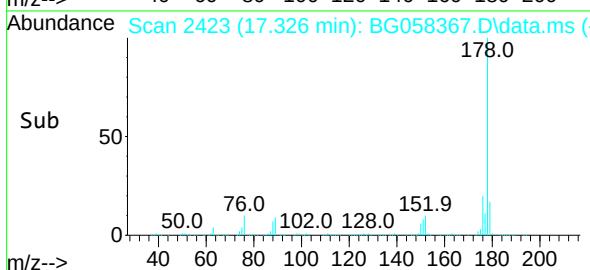
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

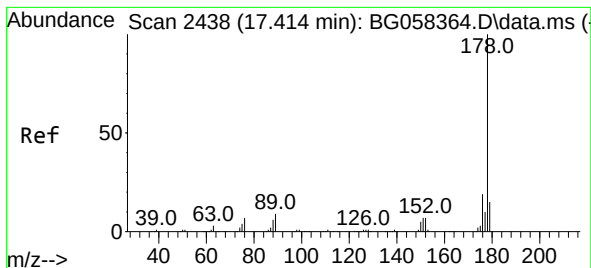


#72
Phenanthrene
Concen: 52.600 ng/ul
RT: 17.326 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24



Tgt Ion:178 Resp: 945564
Ion Ratio Lower Upper
178 100
179 16.5 11.9 17.9
176 20.5 15.8 23.8





#74

Anthracene

Concen: 17.887 ng/ul

RT: 17.414 min Scan# 2438

Delta R.T. -0.003 min

Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

Instrument :

BNA_G

ClientSampleId :

A46W5DL2

Tgt Ion:178 Resp: 32281

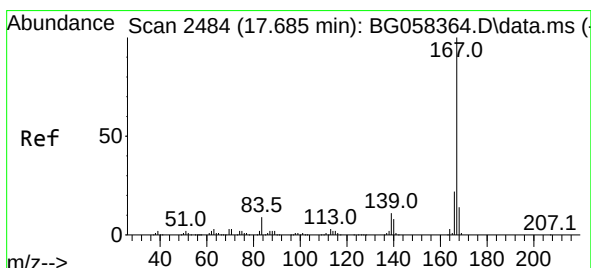
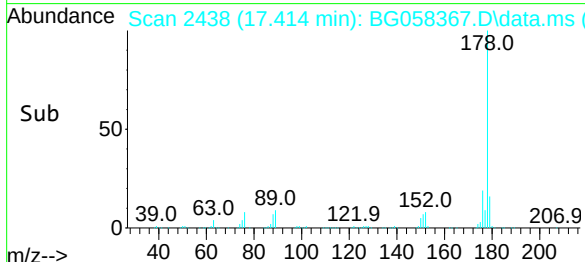
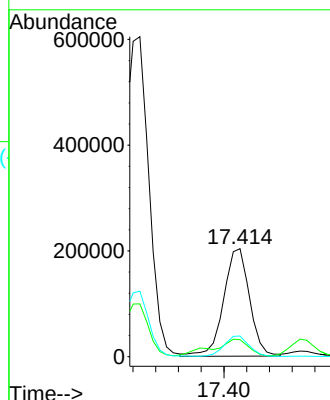
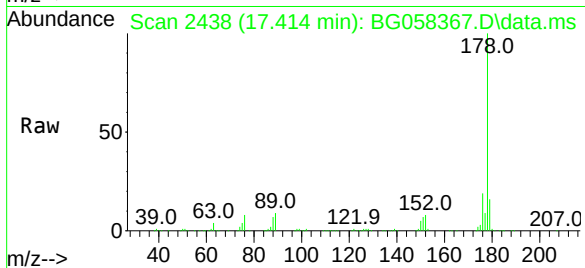
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.1	16.2	24.2

Manual Integrations

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Supervised By :mohammad ahmed 07/21/2023



#77

Carbazole

Concen: 2.213 ng/ul

RT: 17.679 min Scan# 2483

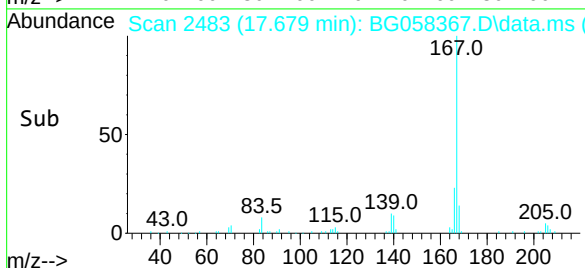
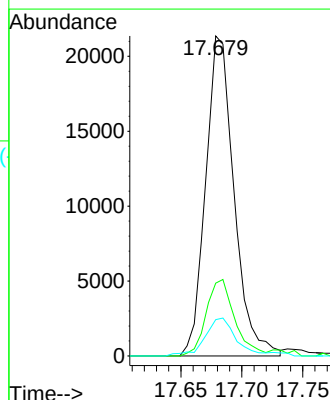
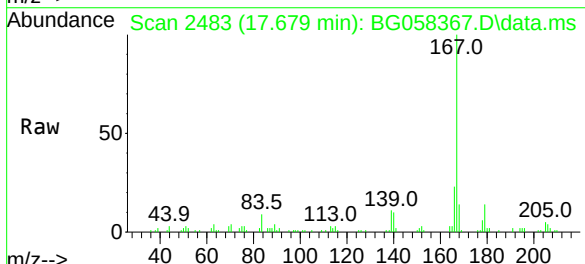
Delta R.T. -0.003 min

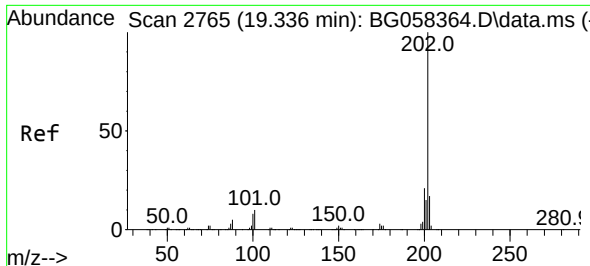
Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

Tgt Ion:167 Resp: 34618

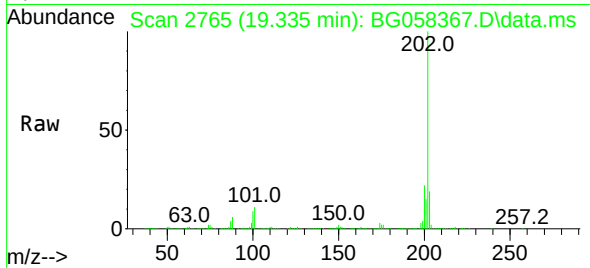
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.8
139	11.4	9.4	14.0





#80
Fluoranthene
Concen: 44.146 ng/u1
RT: 19.335 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

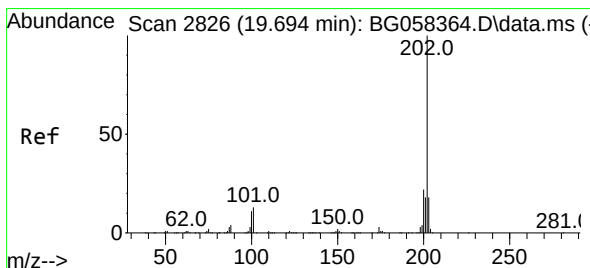
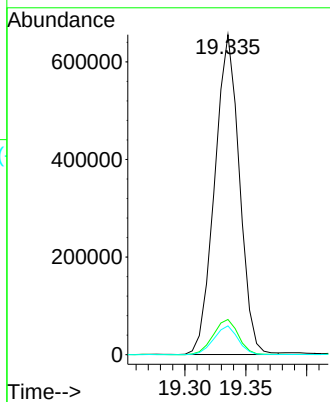
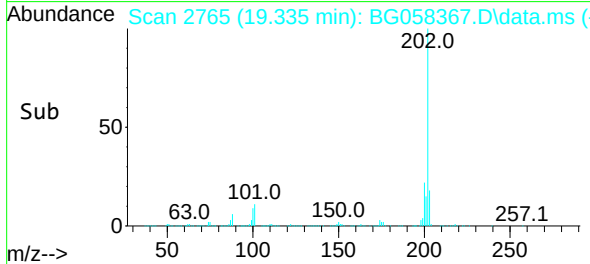
Instrument :
BNA_G
ClientSampleId :
A46W5DL2



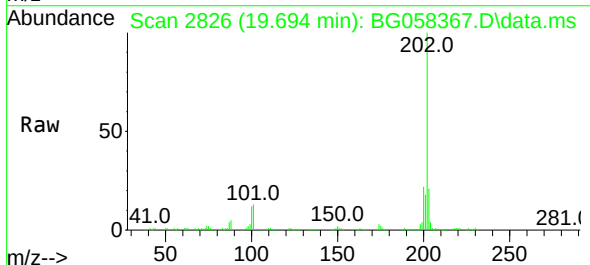
Tgt Ion:202 Resp: 92706
Ion Ratio Lower Upper
202 100
101 11.0 8.6 12.8
100 9.0 7.2 10.8

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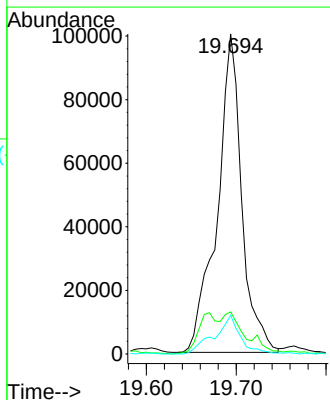
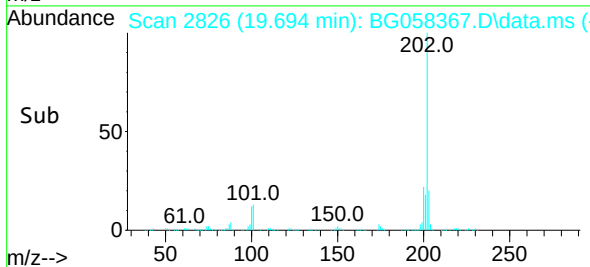
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

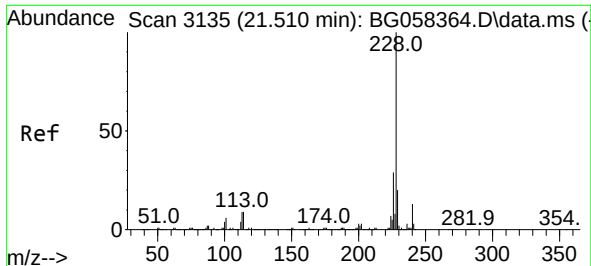


#82
Pyrene
Concen: 8.938 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24



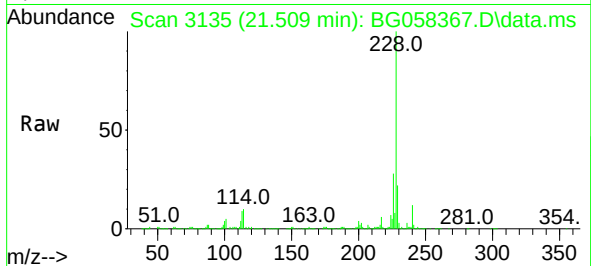
Tgt Ion:202 Resp: 190177
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 12.1 8.9 13.3





#85
Benzo(a)anthracene
Concen: 20.234 ng/ul
RT: 21.509 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

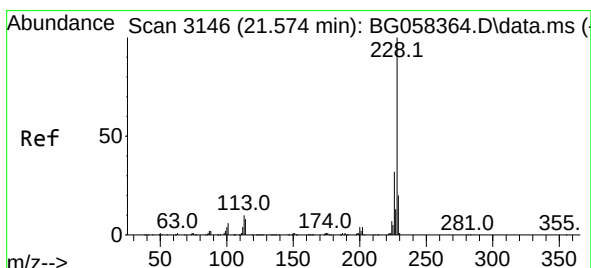
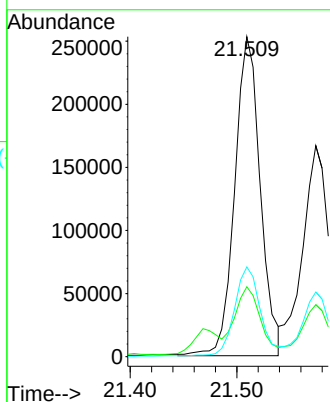
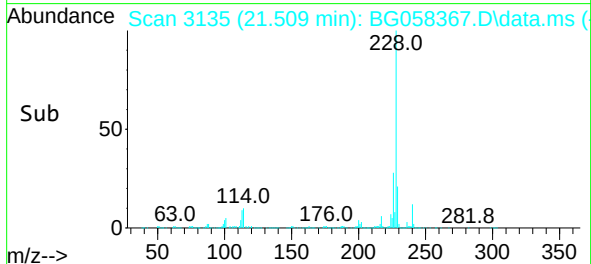
Instrument :
BNA_G
ClientSampleId :
A46W5DL2



Tgt Ion:228 Resp: 422107
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.0 21.8 32.8

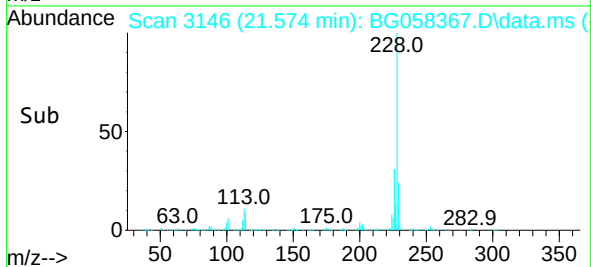
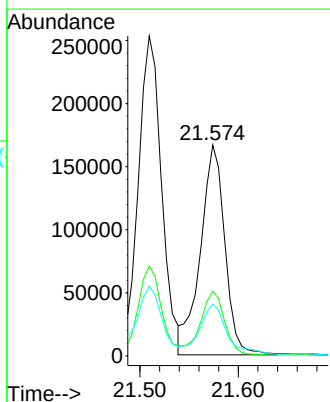
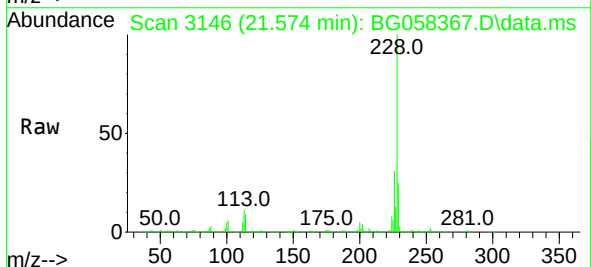
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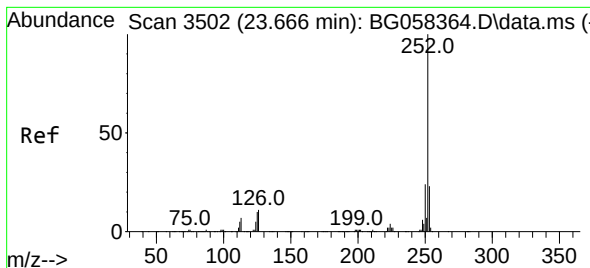
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#87
Chrysene
Concen: 14.545 ng/ul m
RT: 21.574 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

Tgt Ion:228 Resp: 287801
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 24.6 15.8 23.8#





#90

Benzo(b)fluoranthene

Concen: 13.044 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.003 min

Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

Instrument :

BNA_G

ClientSampleId :

A46W5DL2

Tgt Ion:252 Resp: 29477

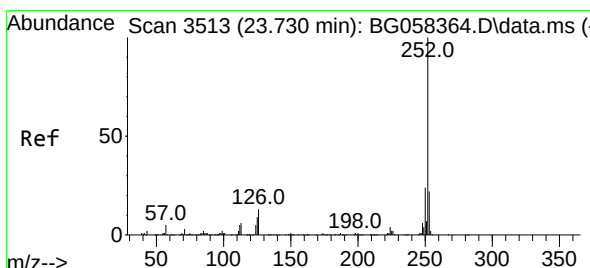
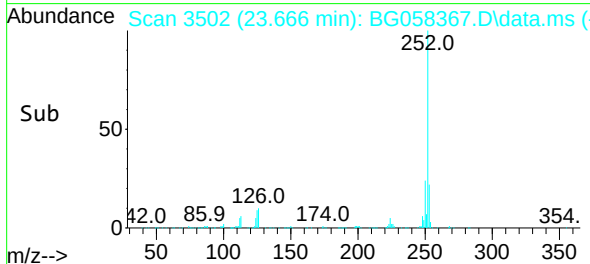
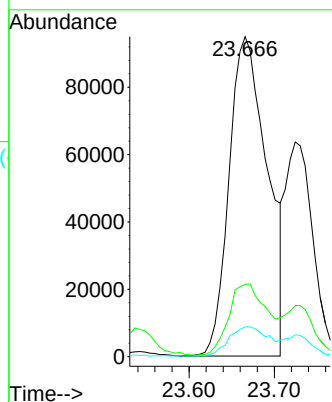
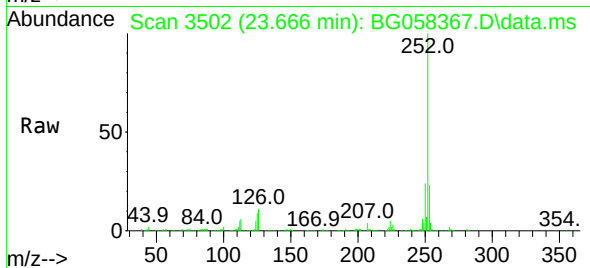
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.4	6.7	10.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#91

Benzo(k)fluoranthene

Concen: 6.194 ng/ul

RT: 23.724 min Scan# 3512

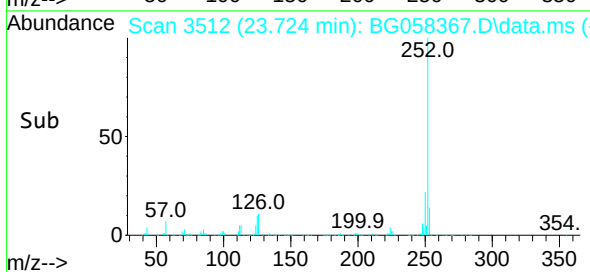
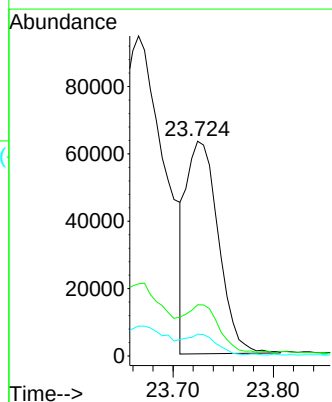
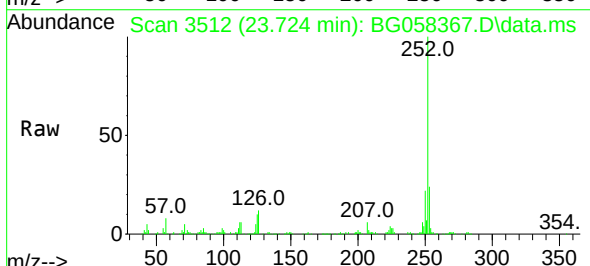
Delta R.T. -0.009 min

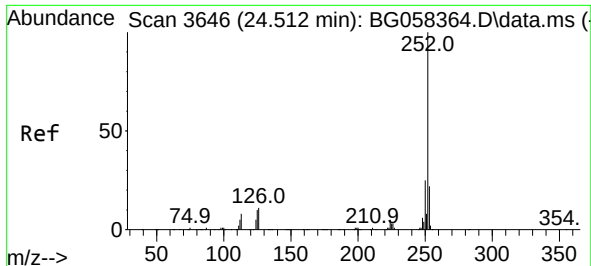
Lab File: BG058367.D

Acq: 20 Jul 2023 20:24

Tgt Ion:252 Resp: 139599

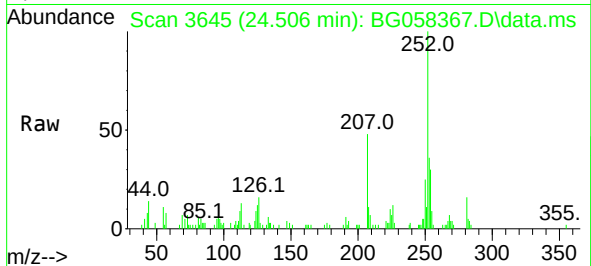
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	10.2	7.4	11.0





#93
Benzo(a)pyrene
Concen: 1.263 ng/ul
RT: 24.506 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24

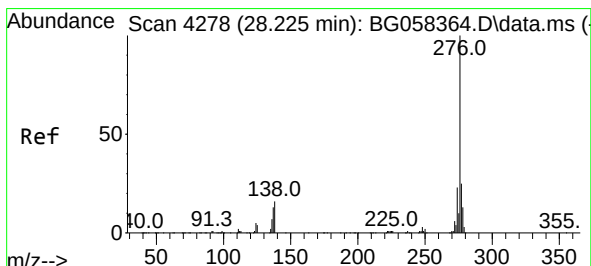
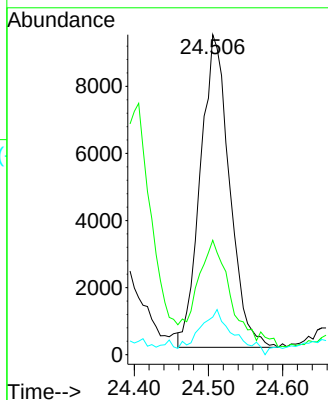
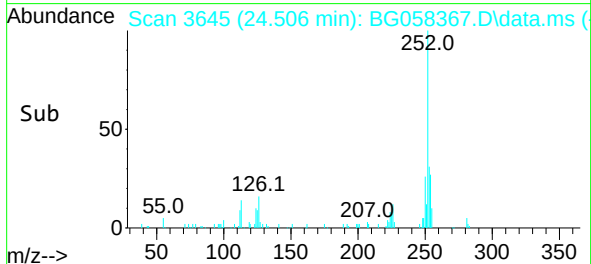
Instrument :
BNA_G
ClientSampleId :
A46W5DL2



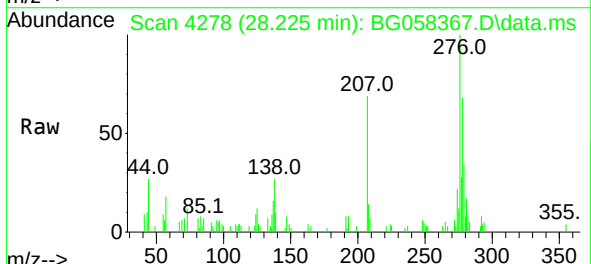
Tgt Ion:252 Resp: 25390
Ion Ratio Lower Upper
252 100
253 35.8 17.4 26.0
125 11.7 7.7 11.5

Manual Integrations
APPROVED

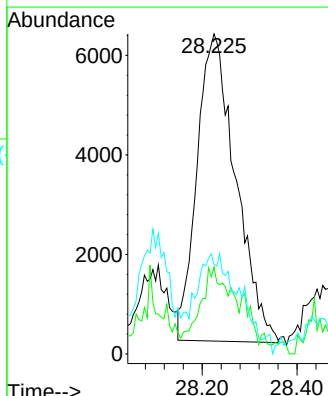
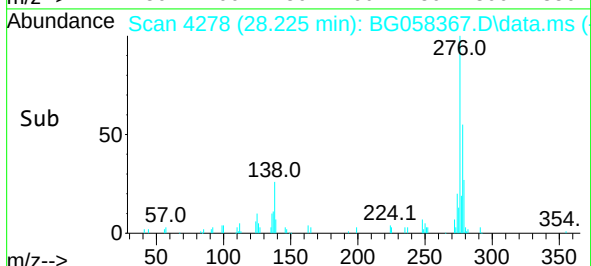
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

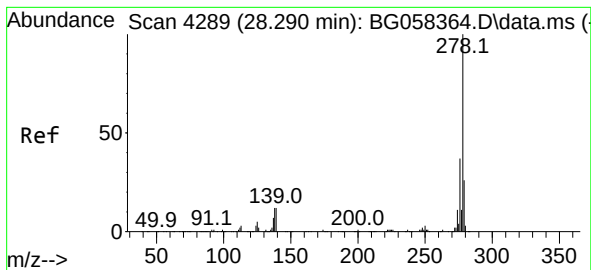


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.321 ng/ul
RT: 28.225 min Scan# 4278
Delta R.T. -0.003 min
Lab File: BG058367.D
Acq: 20 Jul 2023 20:24



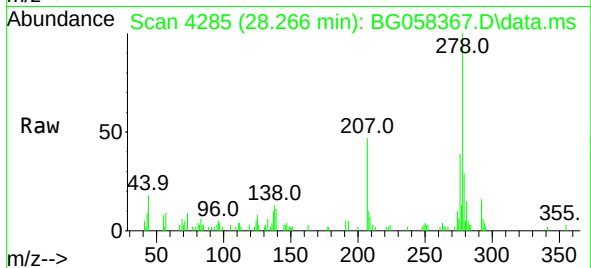
Tgt Ion:276 Resp: 34976
Ion Ratio Lower Upper
276 100
138 27.1 13.8 20.6
277 27.9 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.298 ng/ul m
 RT: 28.266 min Scan# 4
 Delta R.T. -0.026 min
 Lab File: BG058367.D
 Acq: 20 Jul 2023 20:24

Instrument :
 BNA_G
 ClientSampleId :
 A46W5DL2



Tgt Ion:	278	Resp:	4989
Ion Ratio	Lower	Upper	
278	100		
139	11.3	10.4	15.6
279	28.5	18.4	27.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

