

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061654.D
 Acq On : 22 Jun 2024 18:31
 Operator : MA/JU
 Sample : P2776-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C73

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:31:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	75016	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	359846	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.706	164	248530	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	526703	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	456946	20.000	ng/u1	0.00
88) Perylene-d12	24.941	264	566676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	7070	3.405	ng/uL	0.00
4) Pyridine-d5	3.895	84	7690m	1.225	ng/u1	0.00
7) Phenol-d5	7.220	99	186596	22.913	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.403	67	108028	21.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	128612	23.014	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	133619	21.224	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	65616	26.855	ng/u1	0.00
24) 2-Nitrophenol-d4	9.964	143	78377	31.672	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	147509	25.174	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	65239	7.354	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	442060	23.114	ng/u1	0.00
49) Acenaphthylene-d8	14.400	160	523437	24.973	ng/u1	0.00
54) 4-Nitrophenol-d4	14.876	143	71131	21.656	ng/u1	0.00
60) Fluorene-d10	15.693	176	403586	24.104	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	46445	20.622	ng/u1	0.00
73) Anthracene-d10	17.544	188	604027	25.124	ng/u1	0.00
81) Pyrene-d10	19.823	212	578932	22.682	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.723	264	443817	16.398	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.770	153	23944	1.478	ng/u1#	86
61) Fluorene	15.746	166	27224	1.451	ng/u1#	82
72) Phenanthrene	17.491	178	591122	21.333	ng/u1	97
74) Anthracene	17.579	178	106680	3.765	ng/u1	98
77) Carbazole	17.843	167	56977	2.368	ng/u1	93
80) Fluoranthene	19.494	202	1161334	39.214	ng/u1	98
82) Pyrene	19.853	202	838599	26.631	ng/u1	99
85) Benzo(a)anthracene	21.692	228	540847	16.862	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.615	149	121284	7.196	ng/u1	98
87) Chrysene	21.756	228	571247	18.822	ng/u1	100
90) Benzo(b)fluoranthene	23.918	252	804280	23.610	ng/u1	98
91) Benzo(k)fluoranthene	23.983	252	264060	7.537	ng/u1	97
93) Benzo(a)pyrene	24.788	252	296280	9.034	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.619	276	271314m	6.639	ng/u1	
95) Dibenzo(a,h)anthracene	28.672	278	95140m	2.800	ng/u1	

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

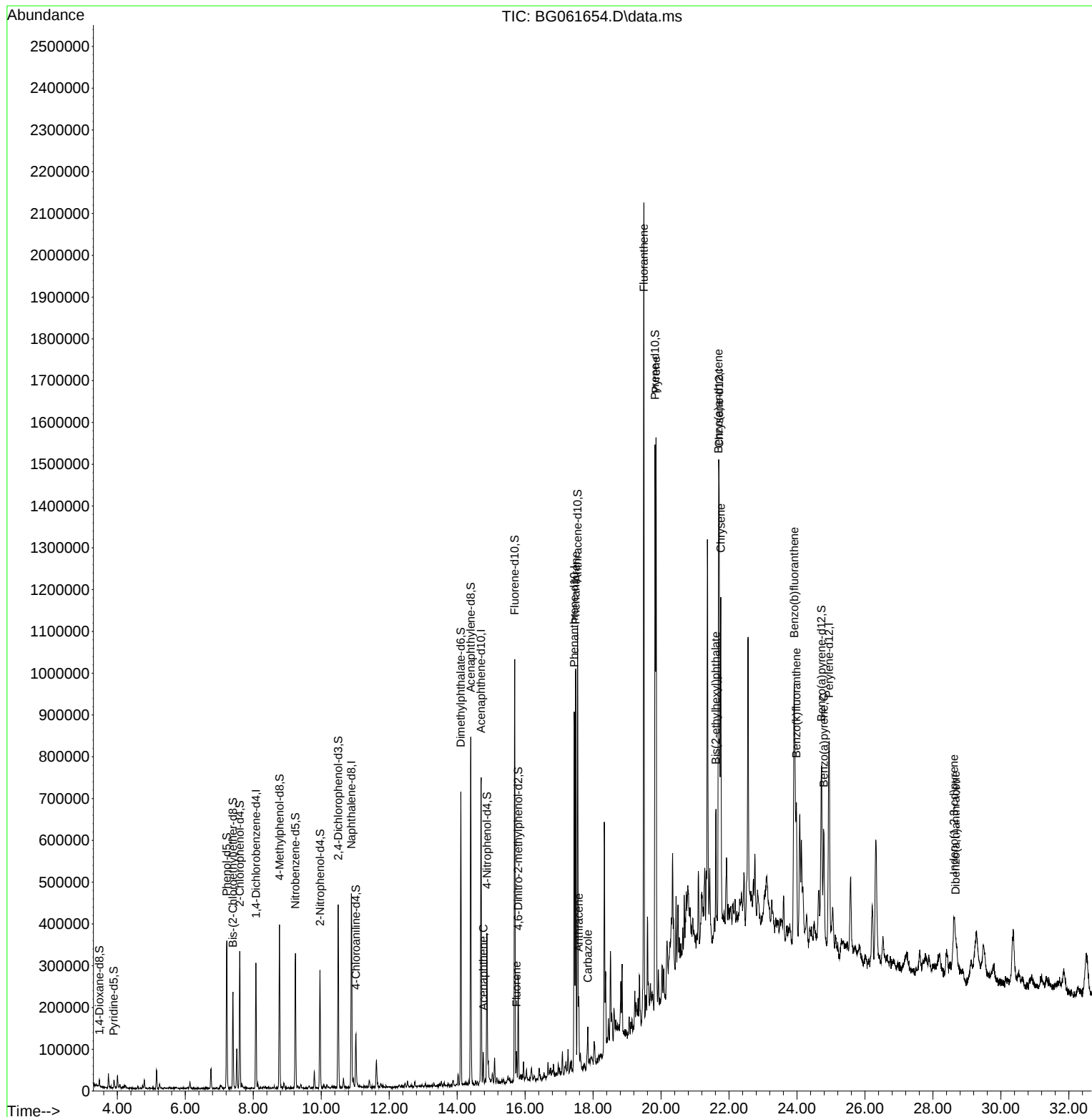
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061654.D
 Acq On : 22 Jun 2024 18:31
 Operator : MA/JU
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 ALS Vial : 14 Sample Multiplier: 1

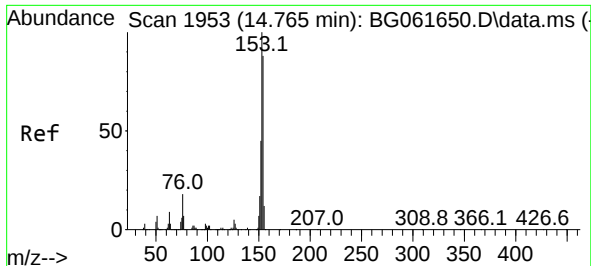
Instrument :
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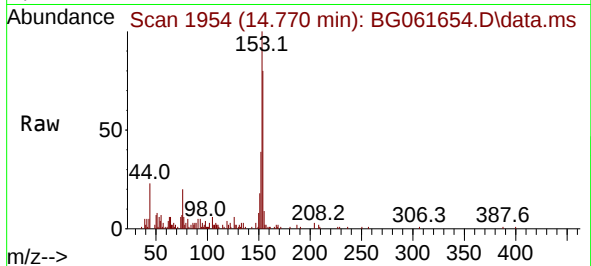
Quant Time: Jun 23 00:31:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
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#52
Acenaphthene
Concen: 1.478 ng/ul
RT: 14.770 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

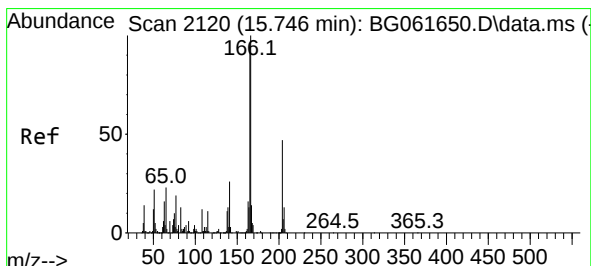
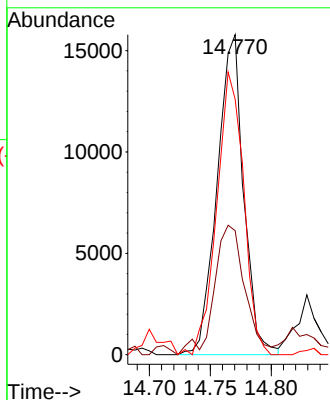
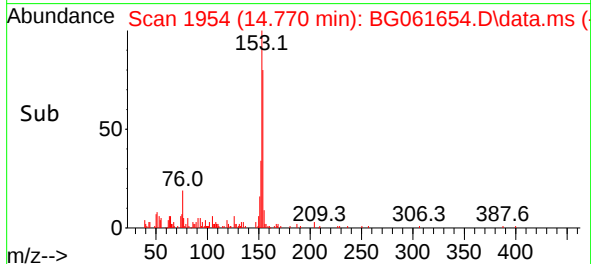
Instrument :
BNA_G
ClientSampleId :
A4C73



Tgt Ion:153 Resp: 23944
Ion Ratio Lower Upper
153 100
152 38.8 40.0 60.0
154 79.8 74.1 111.1

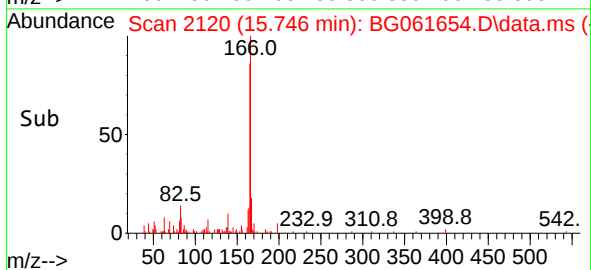
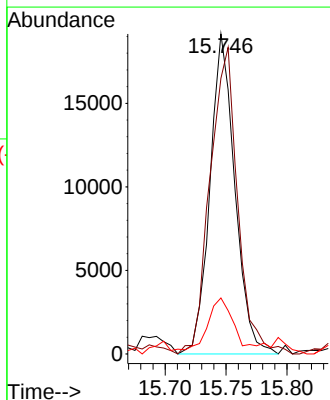
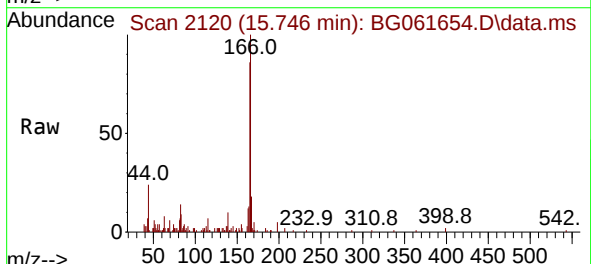
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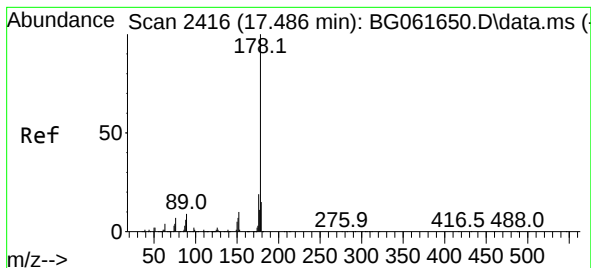
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#61
Fluorene
Concen: 1.451 ng/ul
RT: 15.746 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

Tgt Ion:166 Resp: 27224
Ion Ratio Lower Upper
166 100
165 86.1 84.9 127.3
167 17.5 10.9 16.3





#72

Phenanthrene

Concen: 21.333 ng/u1

RT: 17.491 min Scan# 2417

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

ClientSampleId :

A4C73

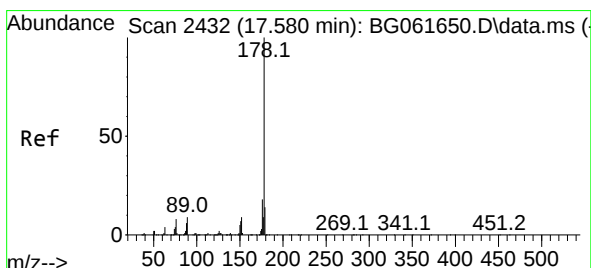
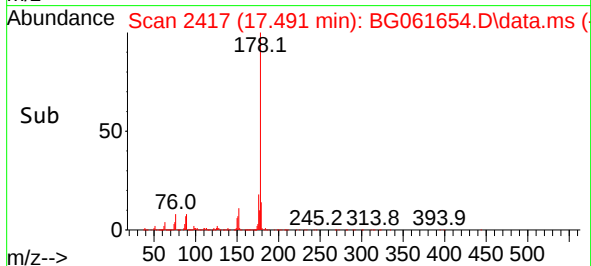
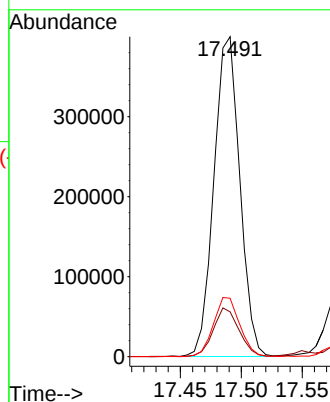
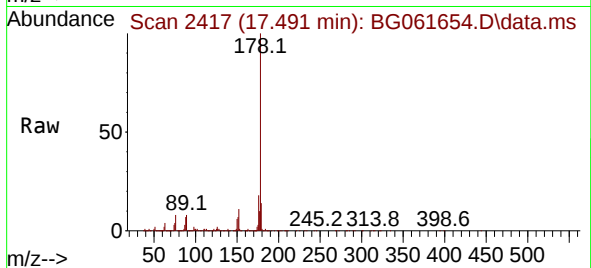
Tgt Ion:178	Resp: 59112
Ion Ratio	Lower Upper
178	100
179	14.0 12.0 18.0
176	18.3 16.2 24.2

Manual Integrations

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#74

Anthracene

Concen: 3.765 ng/u1

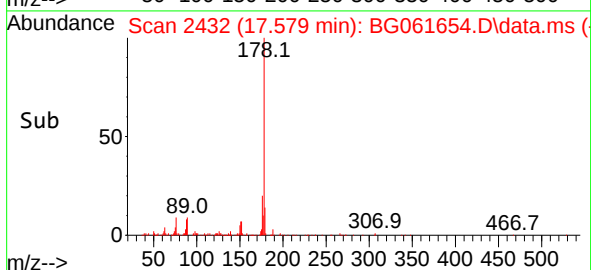
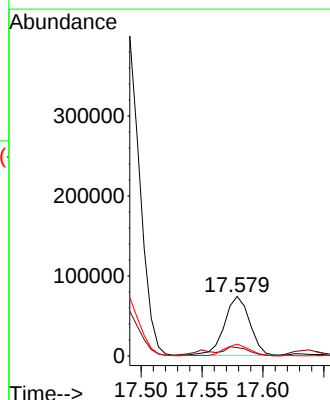
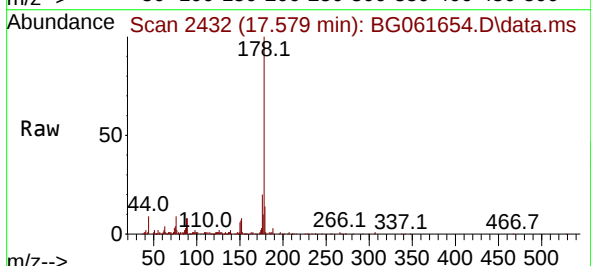
RT: 17.579 min Scan# 2432

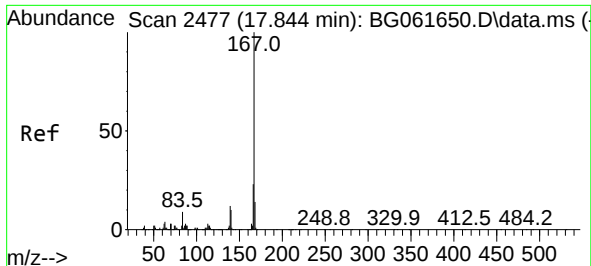
Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

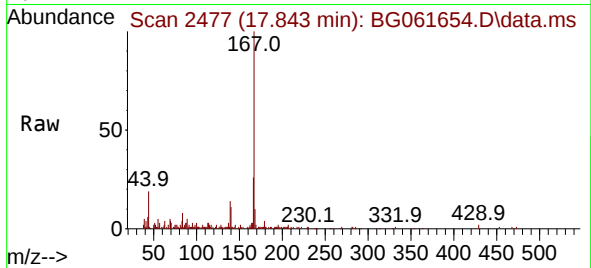
Tgt Ion:178	Resp: 106680
Ion Ratio	Lower Upper
178	100
179	14.0 11.4 17.2
176	19.8 14.7 22.1





#77
 Carbazole
 Concen: 2.368 ng/ul
 RT: 17.843 min Scan# 2477
 Delta R.T. 0.002 min
 Lab File: BG061654.D
 Acq: 22 Jun 2024 18:31

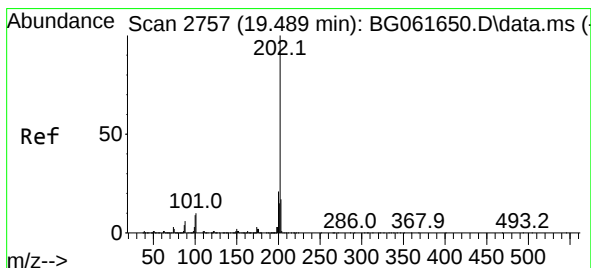
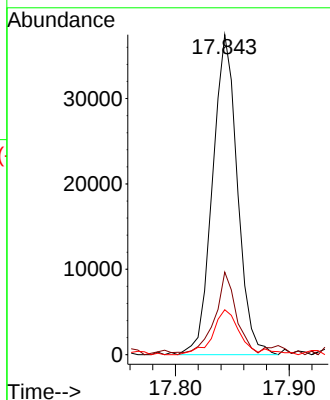
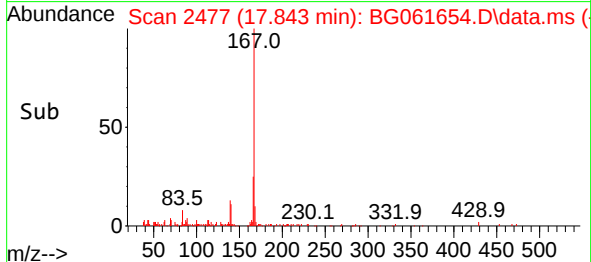
Instrument :
 BNA_G
 ClientSampleId :
 A4C73



Tgt Ion:167 Resp: 5697
 Ion Ratio Lower Upper
 167 100
 166 25.8 17.5 26.3
 139 14.0 9.4 14.2

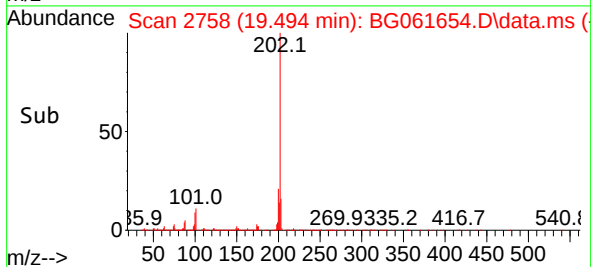
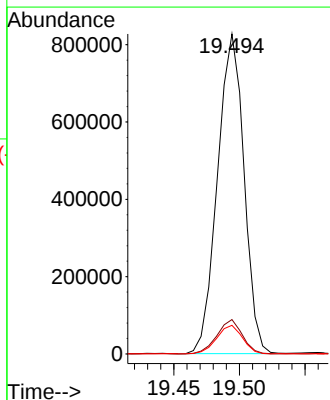
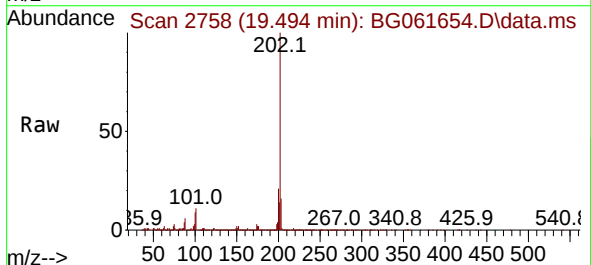
Manual Integrations
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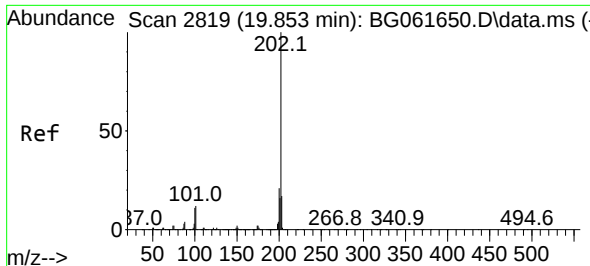
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024



#80
 Fluoranthene
 Concen: 39.214 ng/ul
 RT: 19.494 min Scan# 2758
 Delta R.T. 0.002 min
 Lab File: BG061654.D
 Acq: 22 Jun 2024 18:31

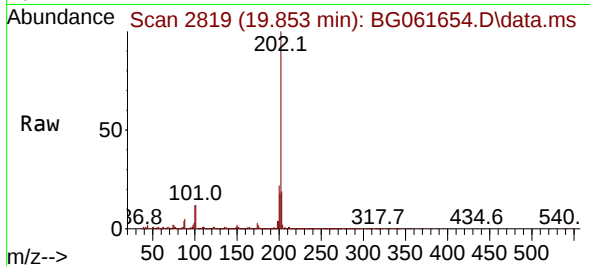
Tgt Ion:202 Resp: 1161334
 Ion Ratio Lower Upper
 202 100
 101 10.8 7.8 11.6
 100 8.9 7.7 11.5





#82
Pyrene
Concen: 26.631 ng/u1
RT: 19.853 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

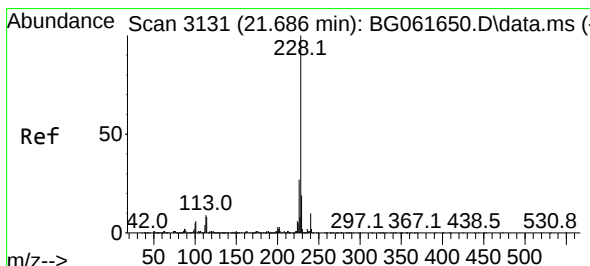
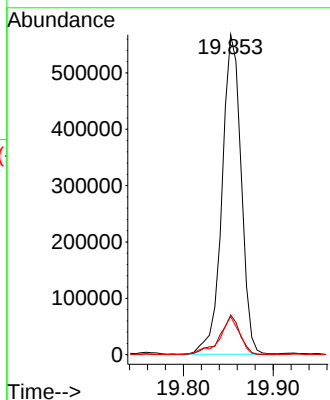
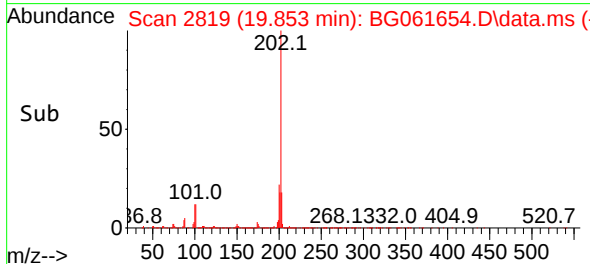
Instrument :
BNA_G
ClientSampleId :
A4C73



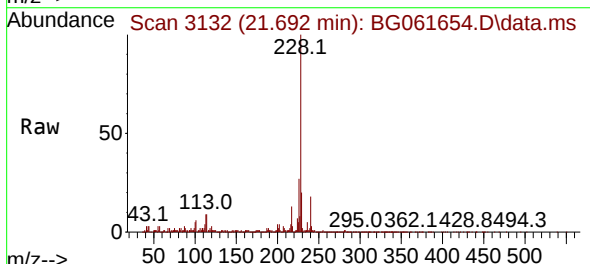
Tgt Ion:202 Resp: 838599
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 11.9 9.9 14.9

Manual Integrations
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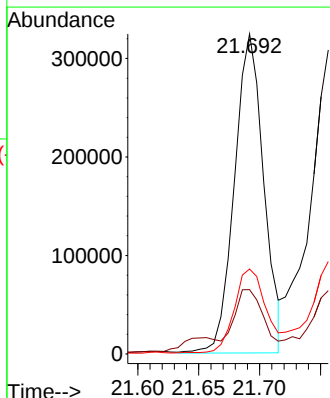
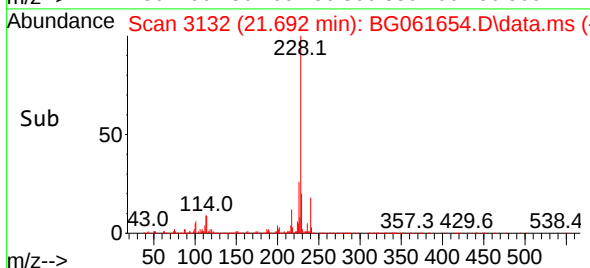
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

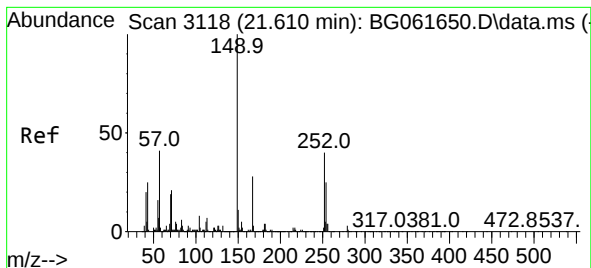


#85
Benzo(a)anthracene
Concen: 16.862 ng/u1
RT: 21.692 min Scan# 3132
Delta R.T. 0.002 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31



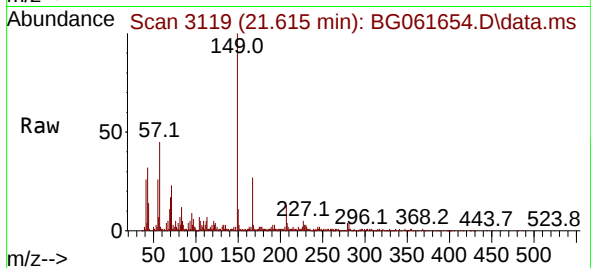
Tgt Ion:228 Resp: 540847
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 26.6 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.196 ng/ul
RT: 21.615 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

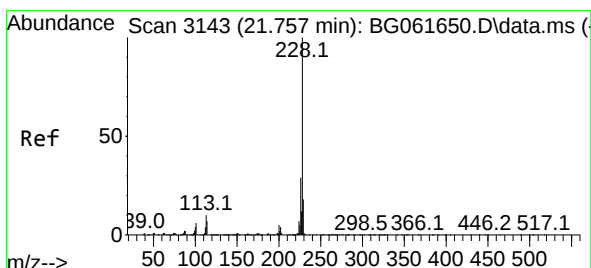
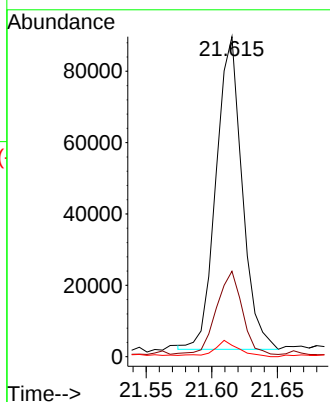
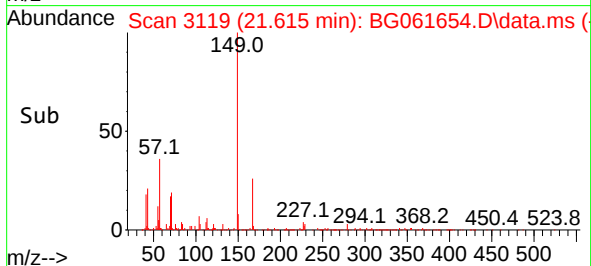
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 121284
Ion Ratio Lower Upper
149 100
167 26.7 20.5 30.7
279 3.5 2.9 4.3

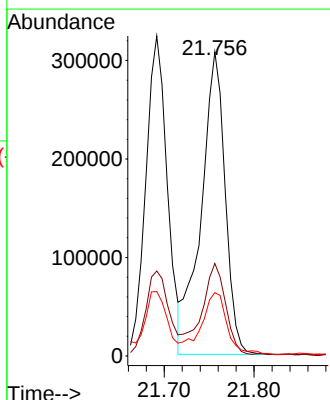
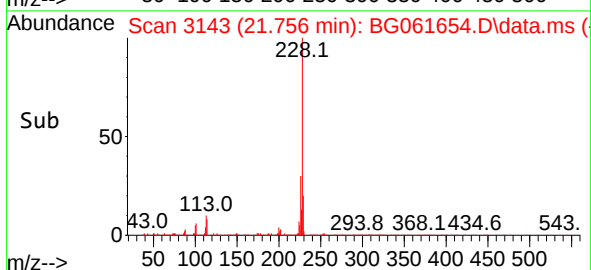
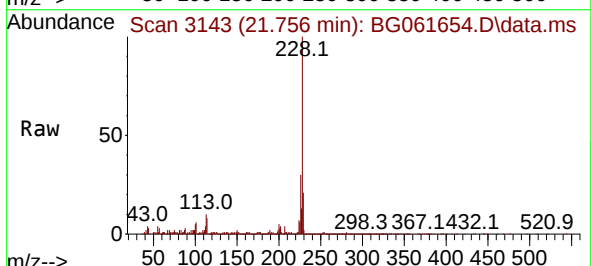
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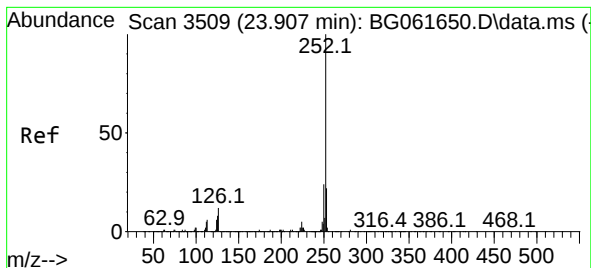
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#87
Chrysene
Concen: 18.822 ng/ul
RT: 21.756 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG061654.D
Acq: 22 Jun 2024 18:31

Tgt Ion:228 Resp: 571247
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.8 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 23.610 ng/u1

RT: 23.918 min Scan# 3511

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:252 Resp: 804280

Ion Ratio Lower Upper

252 100

253 24.5 18.6 27.8

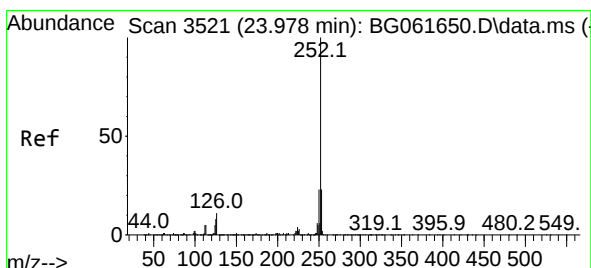
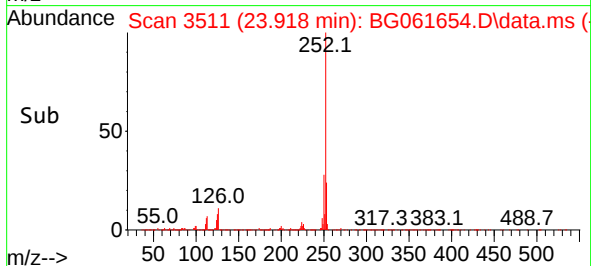
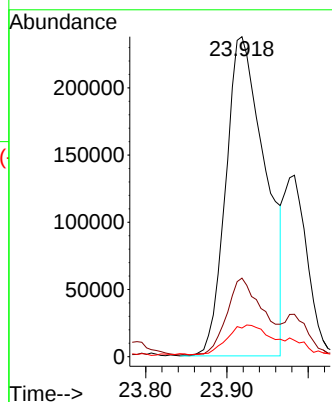
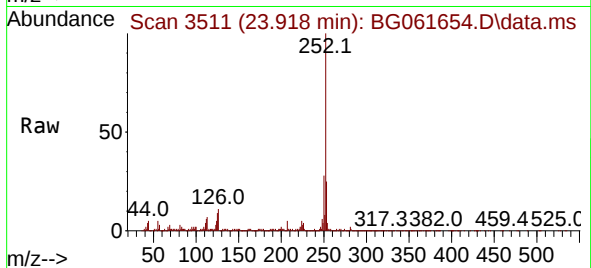
125 8.9 7.0 10.6

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#91

Benzo(k)fluoranthene

Concen: 7.537 ng/u1

RT: 23.983 min Scan# 3522

Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

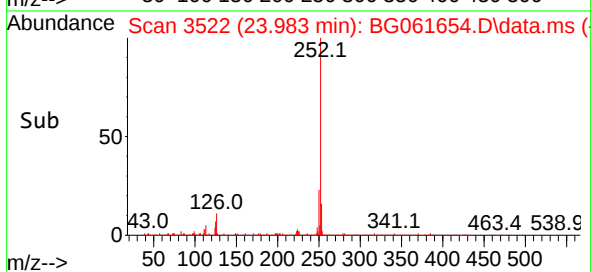
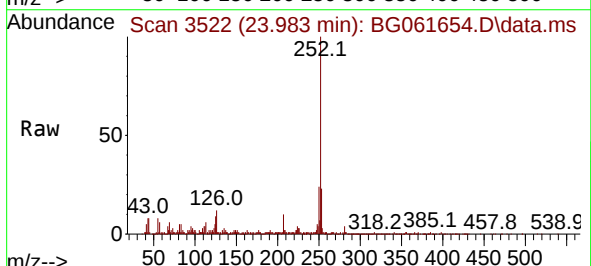
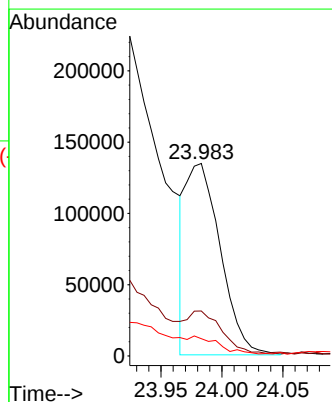
Tgt Ion:252 Resp: 264060

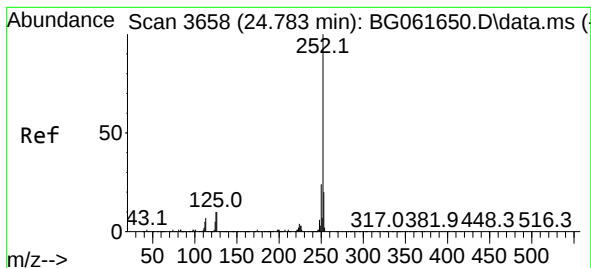
Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 9.0 6.2 9.2





#93

Benzo(a)pyrene

Concen: 9.034 ng/ul

RT: 24.788 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

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A4C73

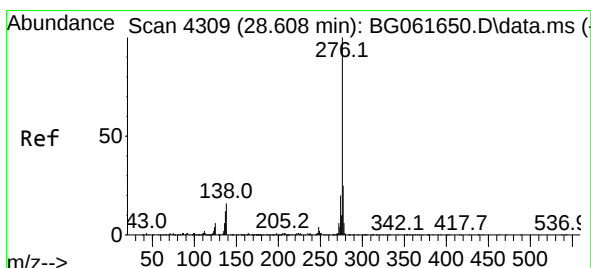
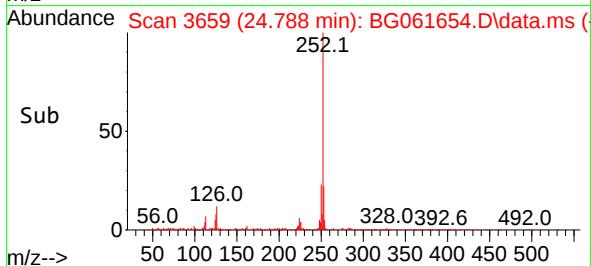
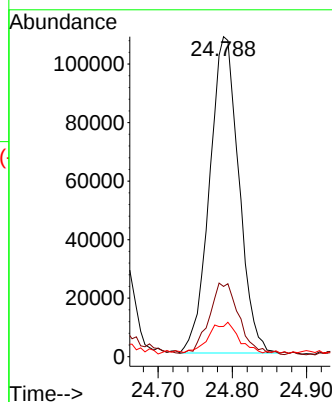
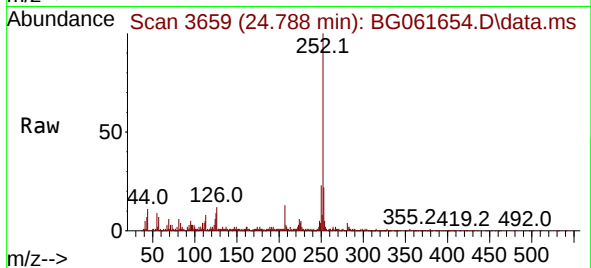
Tgt Ion:252 Resp: 296280
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.8 25.2
 125 9.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.639 ng/ul m

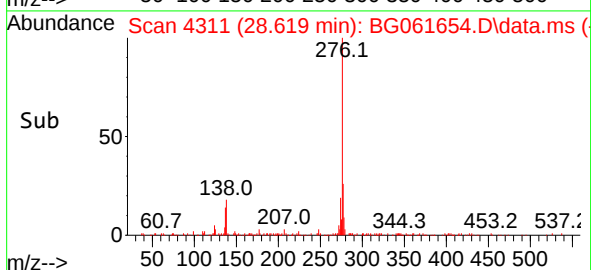
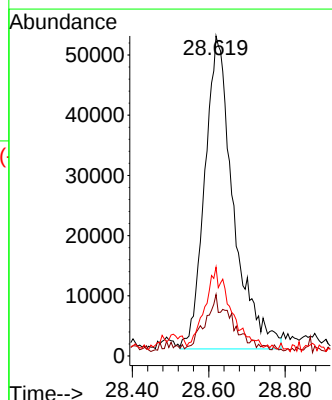
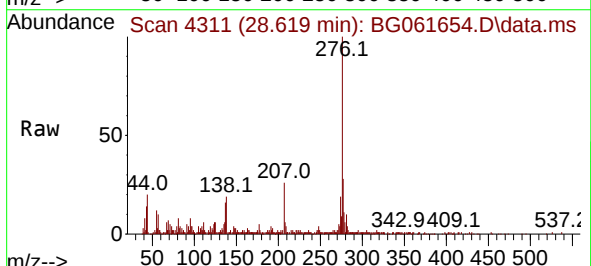
RT: 28.619 min Scan# 4311

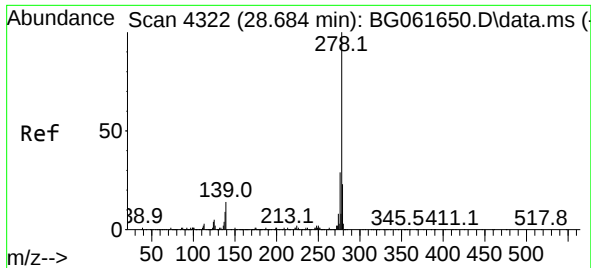
Delta R.T. 0.002 min

Lab File: BG061654.D

Acq: 22 Jun 2024 18:31

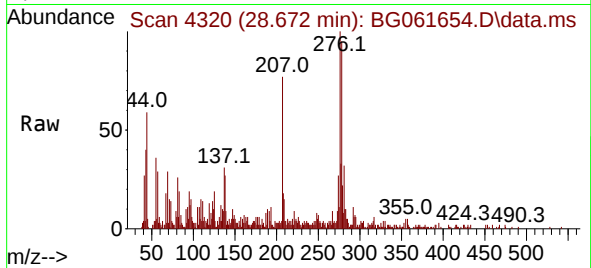
Tgt Ion:276 Resp: 271314
 Ion Ratio Lower Upper
 276 100
 138 19.2 12.2 18.4#
 277 27.8 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.800 ng/ul m
 RT: 28.672 min Scan# 4
 Delta R.T. -0.027 min
 Lab File: BG061654.D
 Acq: 22 Jun 2024 18:31

Instrument :
 BNA_G
 ClientSampleId :
 A4C73



Tgt Ion:278 Resp: 95140
 Ion Ratio Lower Upper
 278 100
 139 9.1 9.1 13.7
 279 22.7 18.6 28.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

