

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061414.D
 Acq On : 1 Jun 2024 5:51
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH619

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 06:27:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	33376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.664	136	131534	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.506	164	97709	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	228212	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	229179	20.000	ng/u1	0.00
88) Perylene-d12	24.600	264	267962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2157	3.617	ng/uL	0.00
4) Pyridine-d5	3.743	84	15675	7.388	ng/u1	0.00
7) Phenol-d5	7.056	99	44838	16.359	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	29768	17.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.415	132	36886	18.184	ng/u1	0.00
15) 4-Methylphenol-d8	8.590	113	29574	12.654	ng/u1	0.00
21) Nitrobenzene-d5	9.030	128	18689	18.454	ng/u1	0.00
24) 2-Nitrophenol-d4	9.747	143	21782	18.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	44244	19.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	18211	6.024	ng/u1	0.00
46) Dimethylphthalate-d6	13.913	166	141701	18.699	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	155809	19.777	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	11821	12.617	ng/u1	0.00
60) Fluorene-d10	15.505	176	129064	19.727	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	14921	10.810	ng/u1	0.00
73) Anthracene-d10	17.356	188	209579	20.830	ng/u1	0.00
81) Pyrene-d10	19.653	212	249552	21.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.389	264	263076	20.421	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.303	178	132527	11.965	ng/u1	98
74) Anthracene	17.391	178	14679	1.282	ng/u1	97
77) Carbazole	17.667	167	11052	1.186	ng/u1#	92
80) Fluoranthene	19.318	202	409011	28.974	ng/u1	99
82) Pyrene	19.683	202	387081	26.417	ng/u1	99
83) Butylbenzylphthalate	20.570	149	12379	2.459	ng/u1	94
85) Benzo(a)anthracene	21.498	228	223619	14.141	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	63067	8.464	ng/u1#	98
87) Chrysene	21.557	228	244619	16.800	ng/u1	95
90) Benzo(b)fluoranthene	23.631	252	339457	21.277	ng/u1	98
91) Benzo(k)fluoranthene	23.684	252	120154m	7.419	ng/u1	
93) Benzo(a)pyrene	24.454	252	234206	15.459	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.090	276	168710m	9.209	ng/u1	
95) Dibenzo(a,h)anthracene	28.132	278	45976m	3.043	ng/u1	
96) Benzo(g,h,i)perylene	29.195	276	142020m	9.744	ng/u1	

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

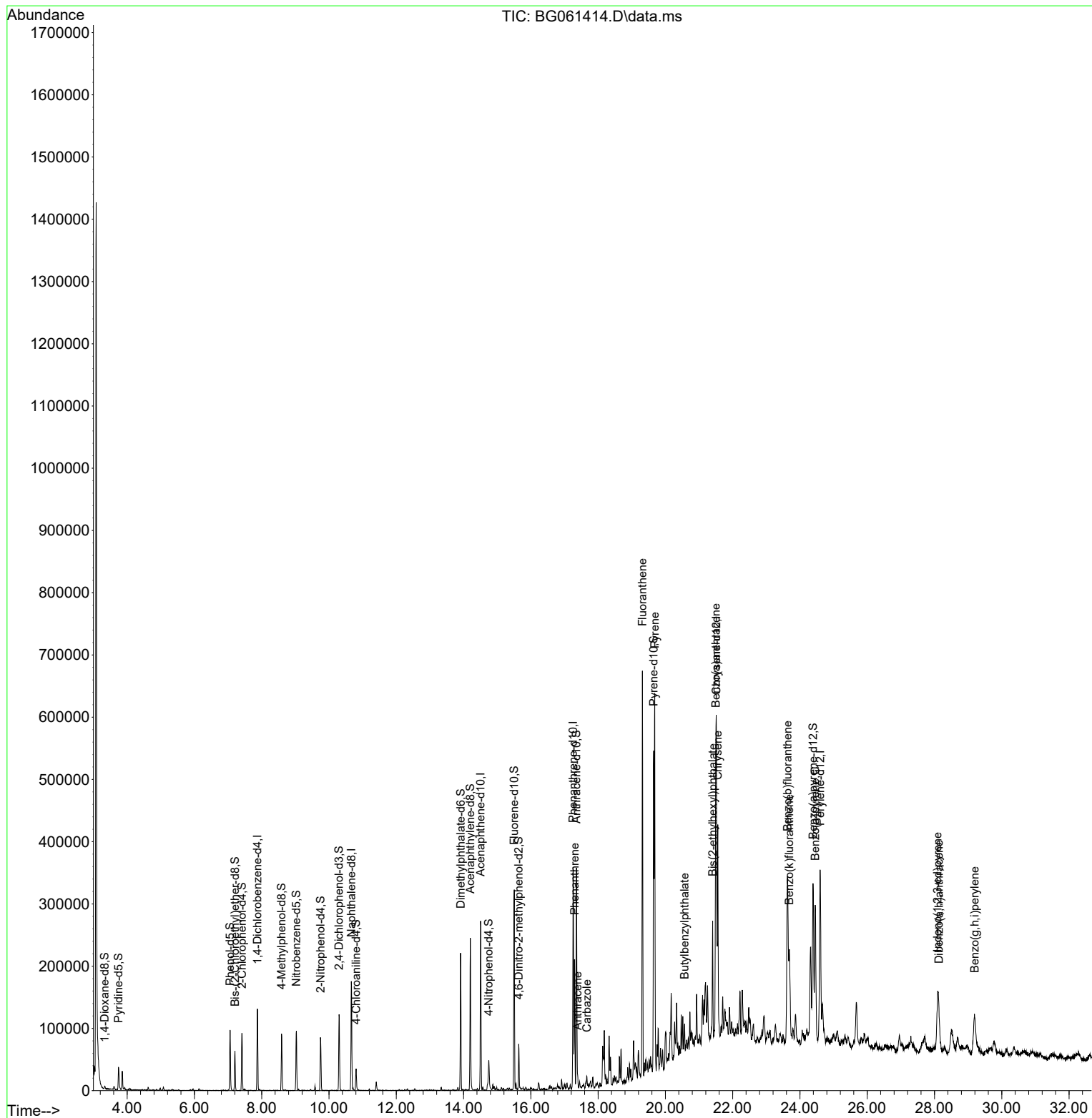
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

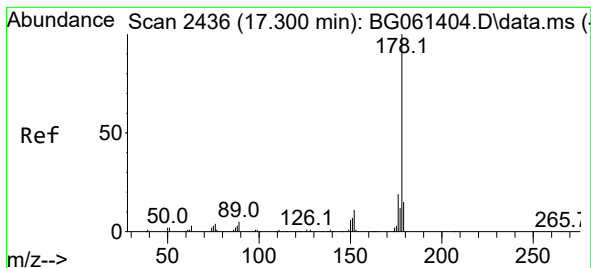
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 11.965 ng/ul

RT: 17.303 min Scan# 2436

Delta R.T. 0.004 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Instrument :

BNA_G

ClientSampleId :

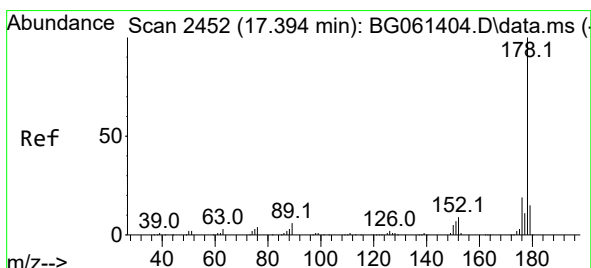
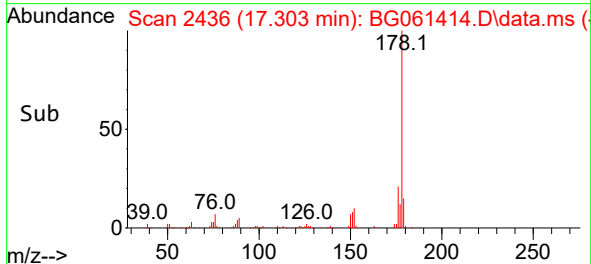
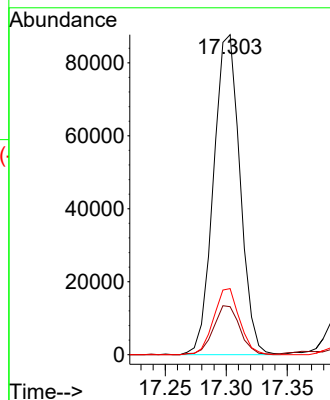
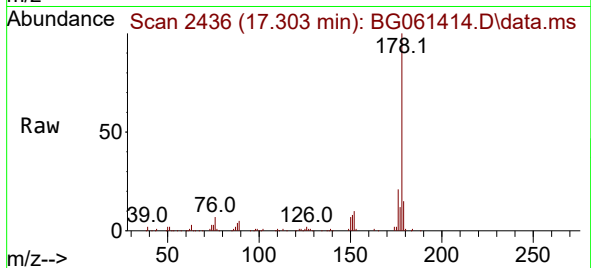
BH619

Tgt Ion:178 Resp: 13252
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.7 19.1
 176 20.6 15.5 23.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



#74

Anthracene

Concen: 1.282 ng/ul

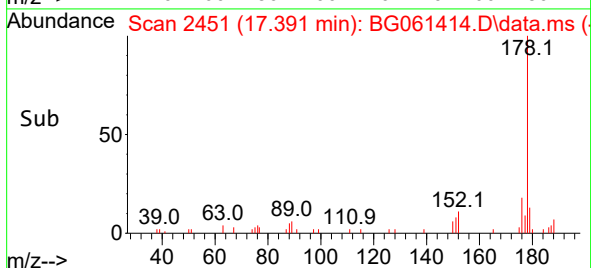
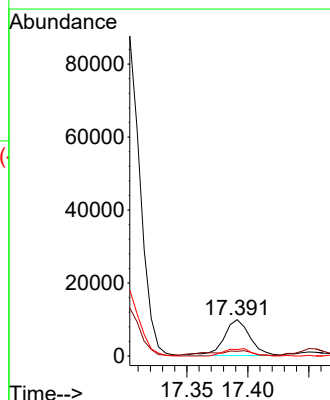
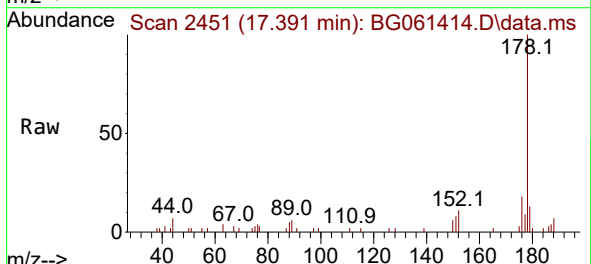
RT: 17.391 min Scan# 2451

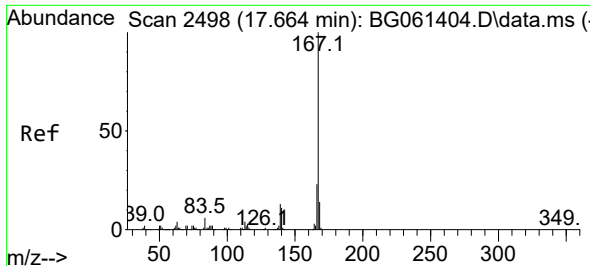
Delta R.T. -0.002 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Tgt Ion:178 Resp: 14679
 Ion Ratio Lower Upper
 178 100
 179 13.0 11.8 17.6
 176 17.5 14.9 22.3





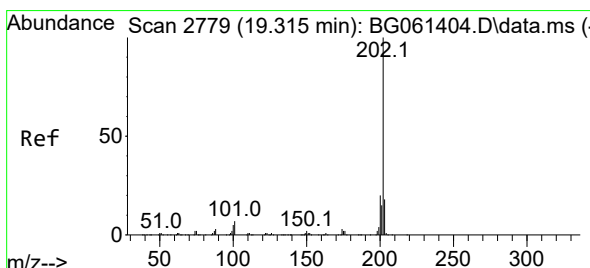
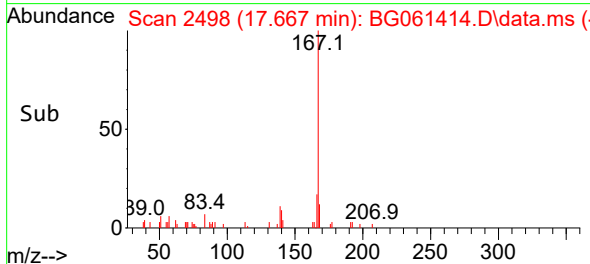
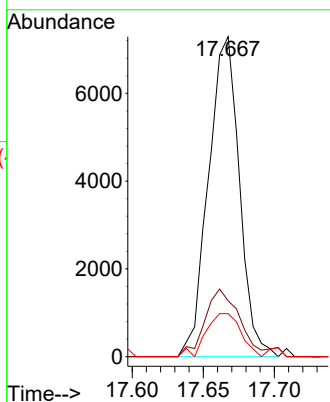
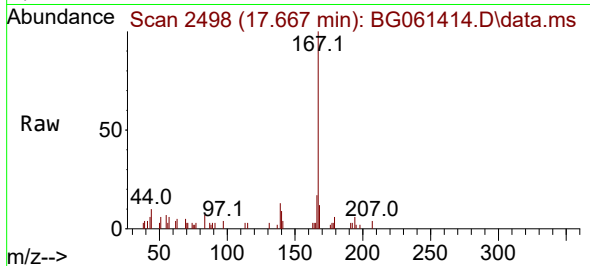
#77
 Carbazole
 Concen: 1.186 ng/ul
 RT: 17.667 min Scan# 2498
 Delta R.T. 0.004 min
 Lab File: BG061414.D
 Acq: 1 Jun 2024 5:51

Instrument :
 BNA_G
 ClientSampleId :
 BH619

Tgt Ion:167 Resp: 11052
 Ion Ratio Lower Upper
 167 100
 166 17.5 18.6 28.0
 139 13.5 10.6 15.8

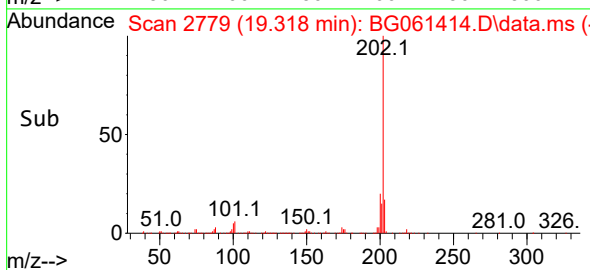
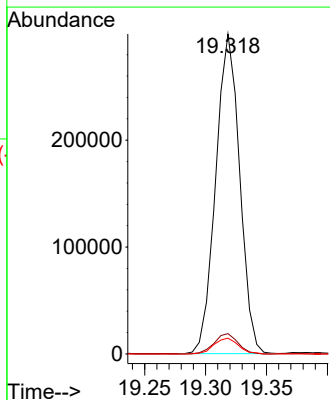
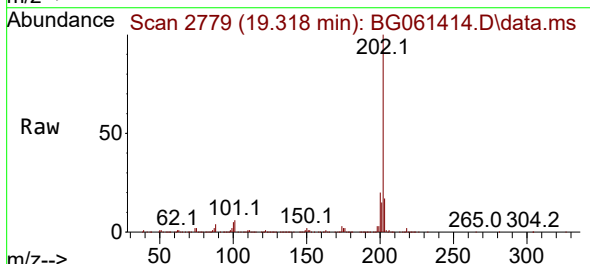
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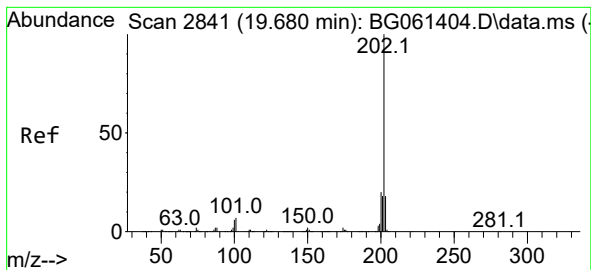
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



#80
 Fluoranthene
 Concen: 28.974 ng/ul
 RT: 19.318 min Scan# 2779
 Delta R.T. 0.004 min
 Lab File: BG061414.D
 Acq: 1 Jun 2024 5:51

Tgt Ion:202 Resp: 409011
 Ion Ratio Lower Upper
 202 100
 101 6.4 4.8 7.2
 100 5.0 4.1 6.1





#82

Pyrene

Concen: 26.417 ng/ul

RT: 19.683 min Scan# 2841

Delta R.T. 0.004 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Instrument :

BNA_G

ClientSampleId :

BH619

Tgt Ion:202 Resp: 38708

Ion Ratio Lower Upper

202 100

101 7.0 5.7 8.5

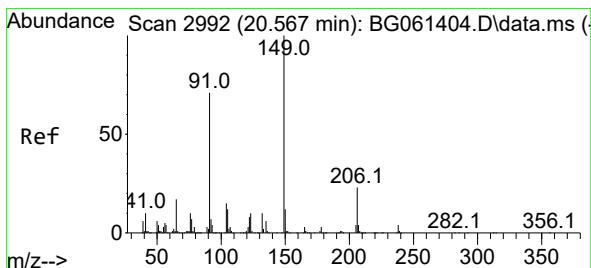
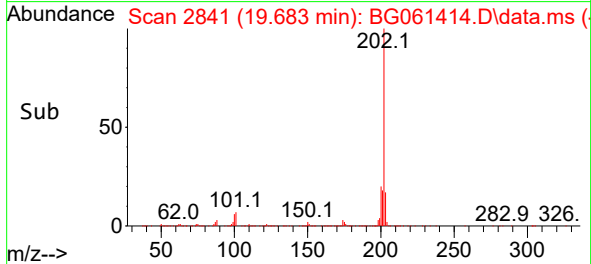
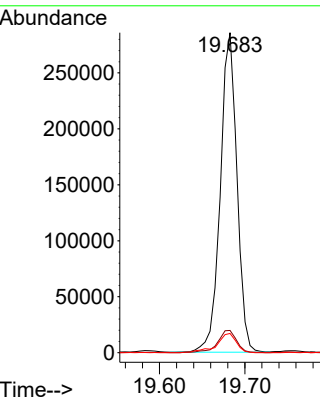
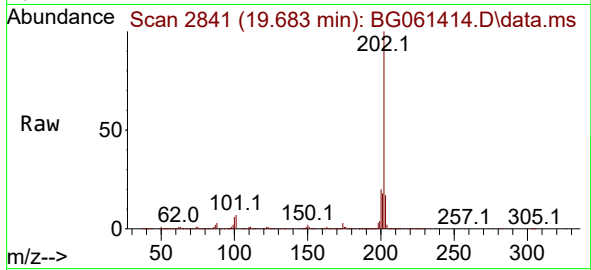
100 6.0 5.1 7.7

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Reviewed By :Jagrut Upadhyay 06/03/2024

Supervised By :mohammad ahmed 06/04/2024



#83

Butylbenzylphthalate

Concen: 2.459 ng/ul

RT: 20.570 min Scan# 2992

Delta R.T. -0.002 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

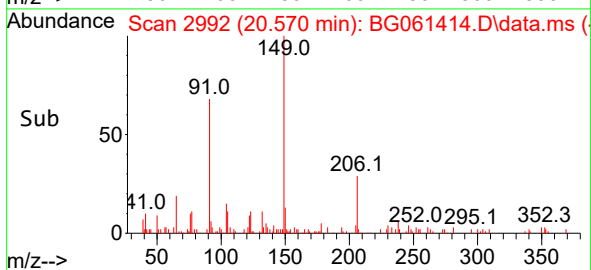
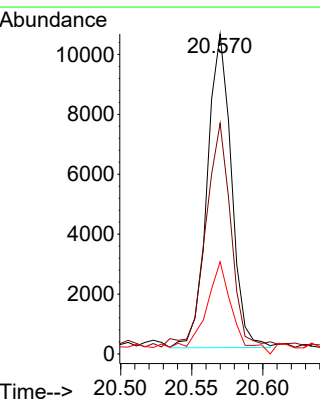
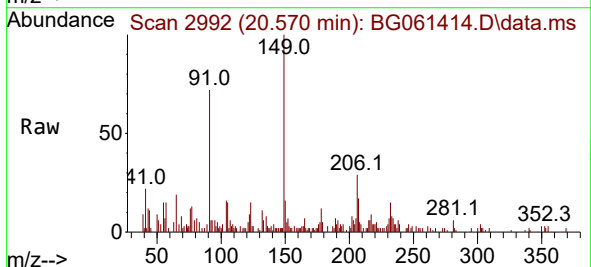
Tgt Ion:149 Resp: 12379

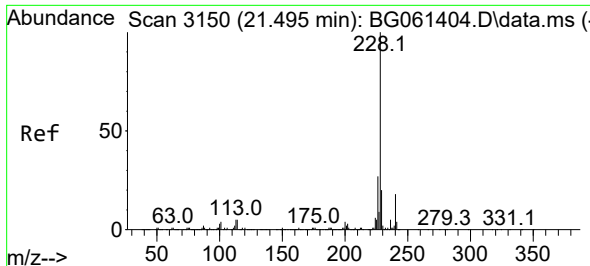
Ion Ratio Lower Upper

149 100

91 72.1 54.8 82.2

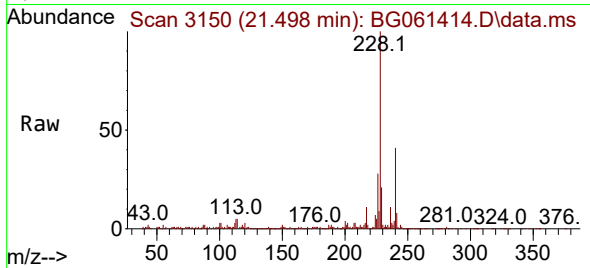
206 28.8 19.4 29.0





#85
Benzo(a)anthracene
Concen: 14.141 ng/ul
RT: 21.498 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BG061414.D
Acq: 1 Jun 2024 5:51

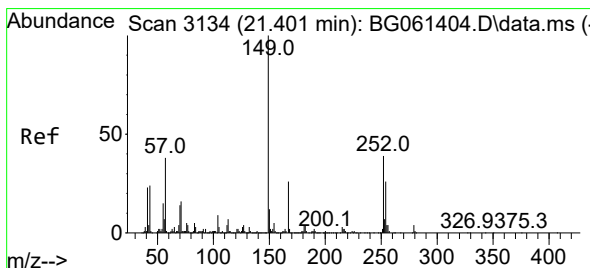
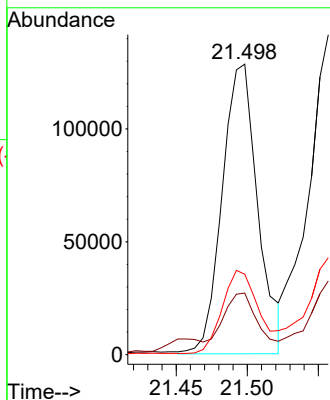
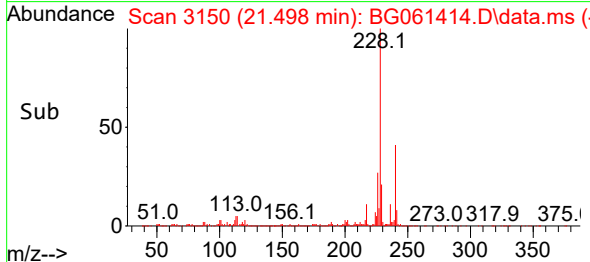
Instrument :
BNA_G
ClientSampleId :
BH619



Tgt Ion:228 Resp: 223619
Ion Ratio Lower Upper
228 100
229 21.2 15.2 22.8
226 27.7 21.4 32.2

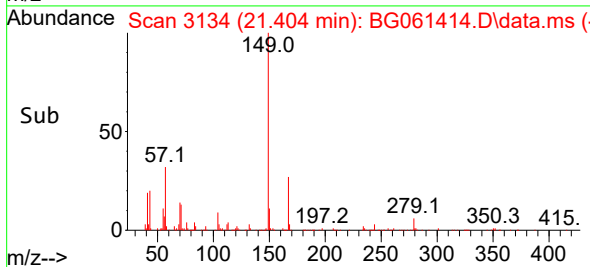
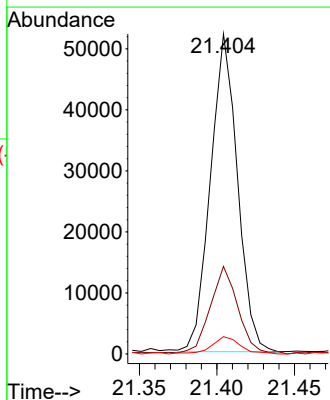
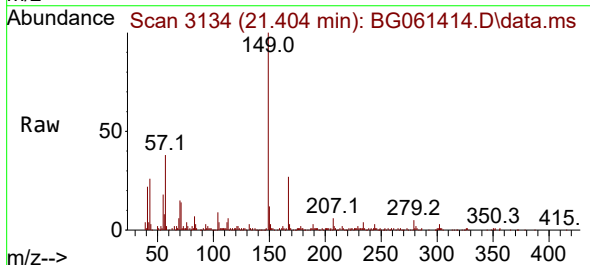
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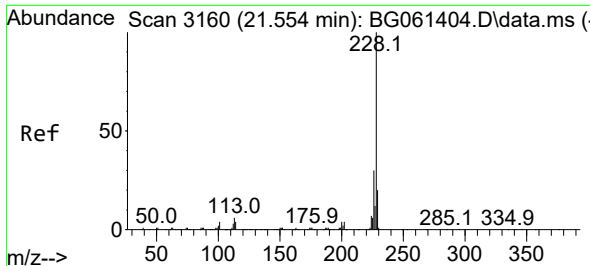
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 8.464 ng/ul
RT: 21.404 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG061414.D
Acq: 1 Jun 2024 5:51

Tgt Ion:149 Resp: 63067
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 5.4 3.3 4.9#





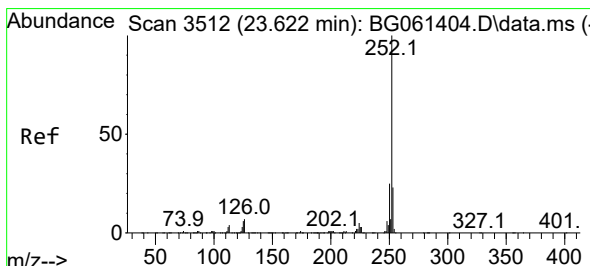
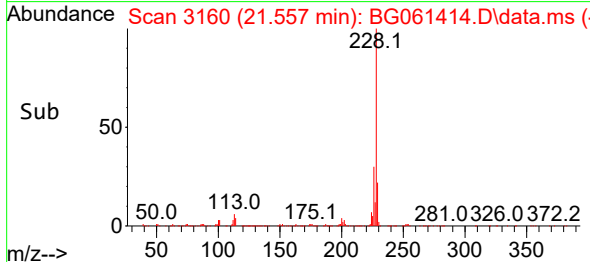
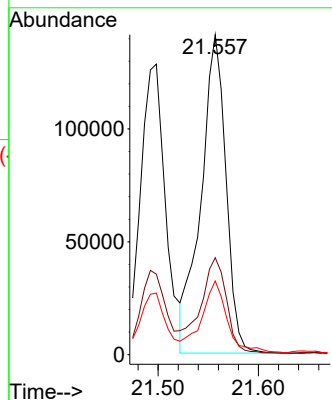
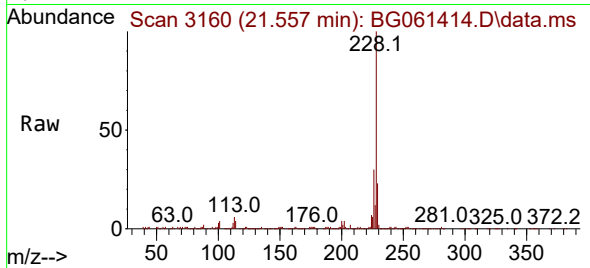
#87
Chrysene
Concen: 16.800 ng/u1
RT: 21.557 min Scan# 3160
Delta R.T. 0.004 min
Lab File: BG061414.D
Acq: 1 Jun 2024 5:51

Instrument :
BNA_G
ClientSampleId :
BH619

Tgt Ion:228 Resp: 244619
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 23.1 15.4 23.2

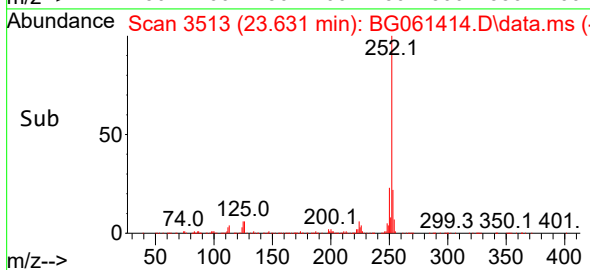
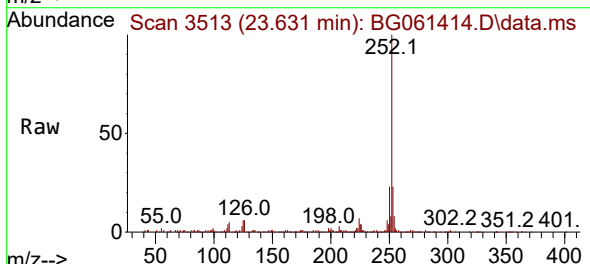
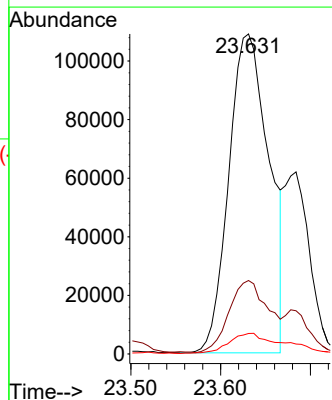
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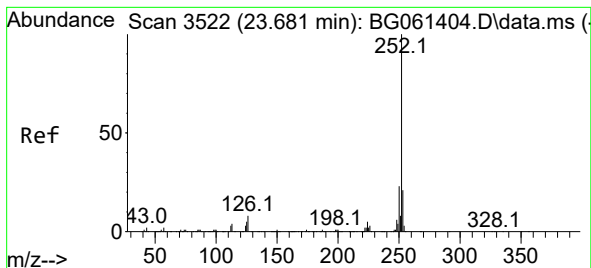
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#90
Benzo(b)fluoranthene
Concen: 21.277 ng/u1
RT: 23.631 min Scan# 3513
Delta R.T. 0.015 min
Lab File: BG061414.D
Acq: 1 Jun 2024 5:51

Tgt Ion:252 Resp: 339457
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 6.4 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 7.419 ng/ul m

RT: 23.684 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Instrument :

BNA_G

ClientSampleId :

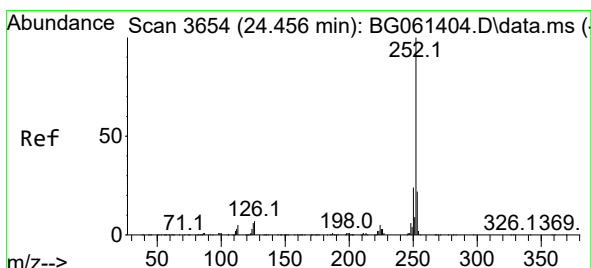
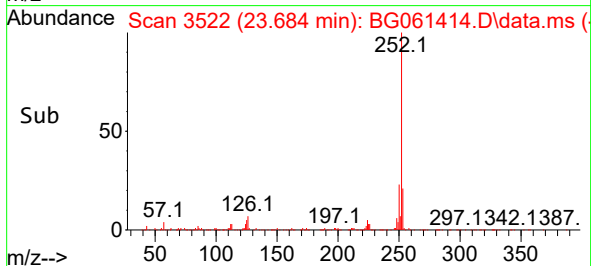
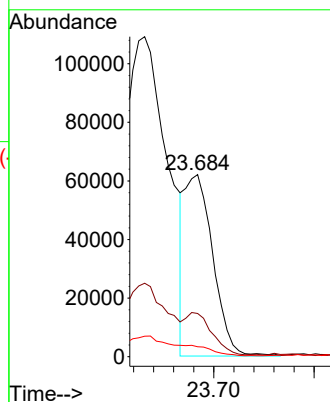
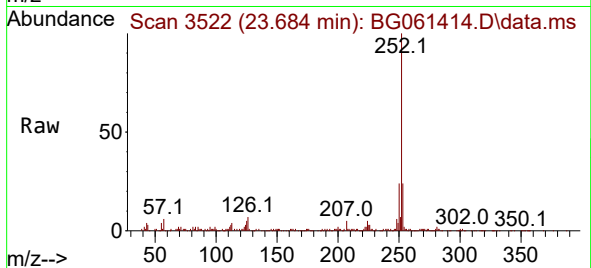
BH619

Tgt Ion:	252	Resp:	120154
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.0	24.0
125	5.5	4.3	6.5

Manual Integrations

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Supervised By :mohammad ahmed 06/04/2024



#93

Benzo(a)pyrene

Concen: 15.459 ng/ul

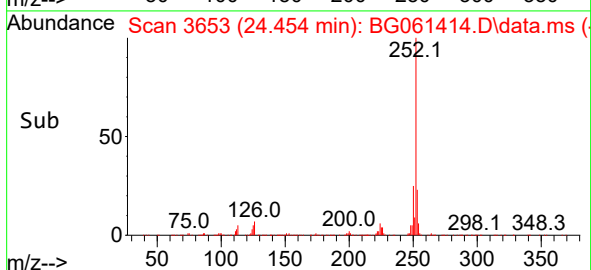
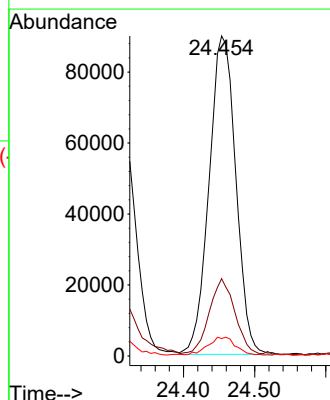
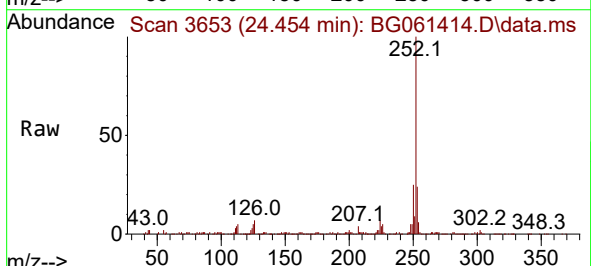
RT: 24.454 min Scan# 3653

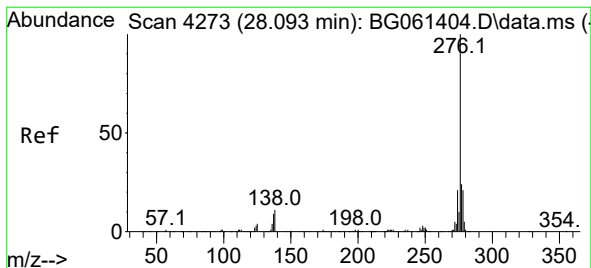
Delta R.T. 0.004 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Tgt Ion:	252	Resp:	234206
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.4	24.6
125	5.4	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.209 ng/ul m

RT: 28.090 min Scan# 4272

Delta R.T. -0.002 min

Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Instrument :

BNA_G

ClientSampleId :

BH619

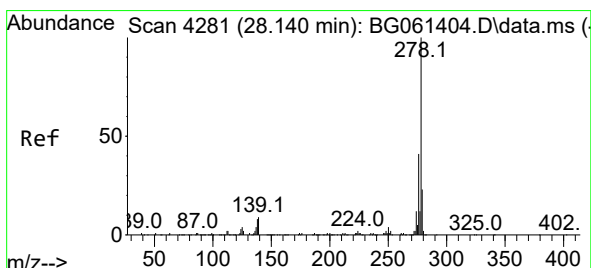
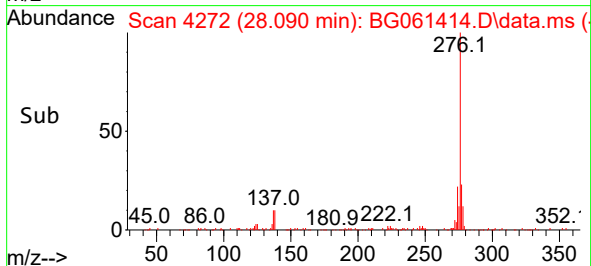
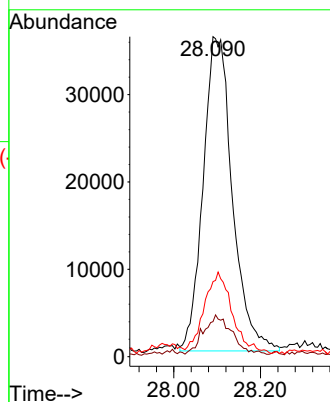
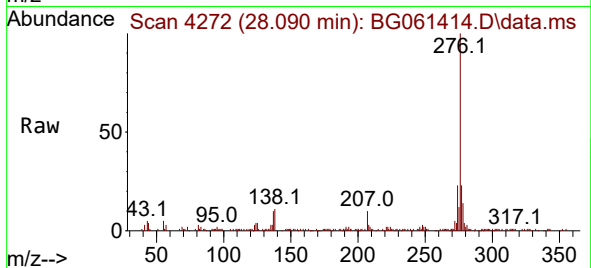
Tgt Ion: 276 Resp: 168710

Ion	Ratio	Lower	Upper
276	100		
138	10.9	8.6	13.0
277	23.4	19.7	29.5

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 06/03/2024
Supervised By : mohammad ahmed 06/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.043 ng/ul m

RT: 28.132 min Scan# 4279

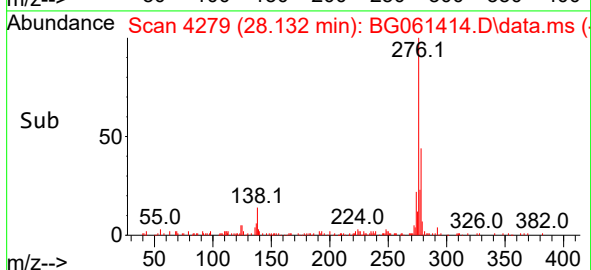
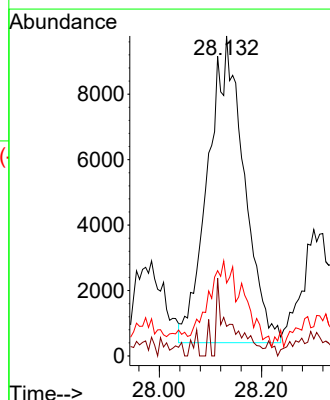
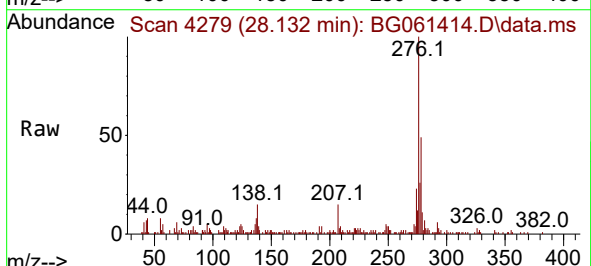
Delta R.T. -0.008 min

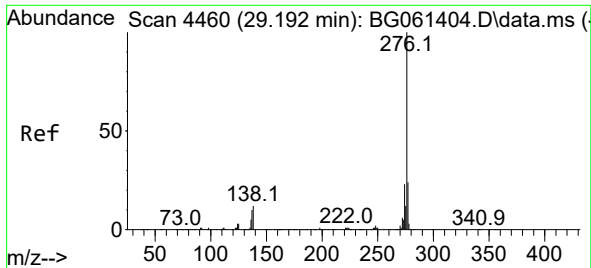
Lab File: BG061414.D

Acq: 1 Jun 2024 5:51

Tgt Ion: 278 Resp: 45976

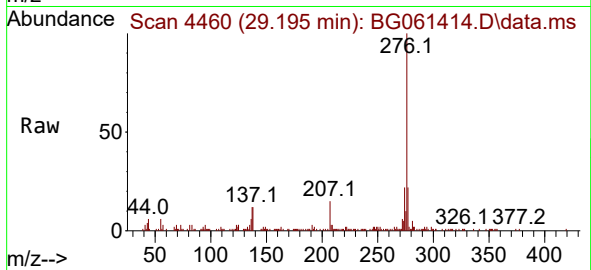
Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.4	9.6
279	22.8	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 9.744 ng/ul m
RT: 29.195 min Scan# 44
Delta R.T. 0.021 min
Lab File: BG061414.D
Acq: 1 Jun 2024 5:51

Instrument :
BNA_G
ClientSampleId :
BH619



Tgt Ion:276 Resp: 142020
Ion Ratio Lower Upper
276 100
138 12.2 8.7 13.1
277 21.5 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

