

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061435.D
 Acq On : 3 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2589-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3

Manual Integrations
 APPROVED

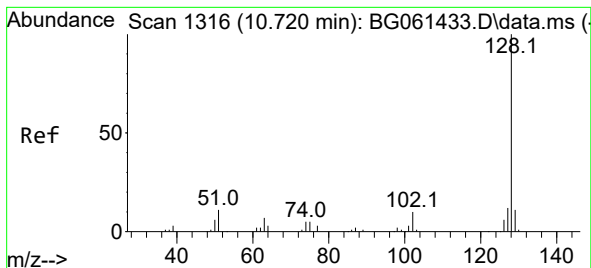
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 00:17:44 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)

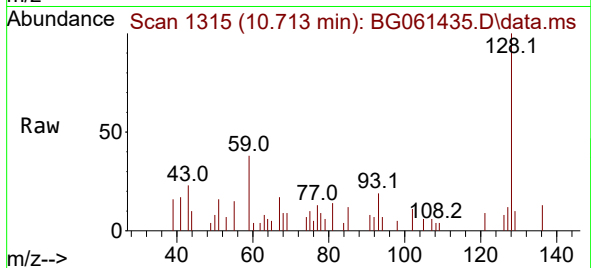
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	35304	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	136785	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	103559	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.258	188	239983	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	253342	20.000	ng/u1	0.00
88) Perylene-d12	24.614	264	298359	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	2193	3.476	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.064	99	53252	18.368	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	36541	20.053	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	46897	21.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	37501	15.170	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	24428	23.195	ng/u1	0.00
24) 2-Nitrophenol-d4	9.755	143	25913	21.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	55168	22.959	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	9922	3.156	ng/u1	0.01
46) Dimethylphthalate-d6	13.915	166	188617	23.484	ng/u1	0.00
49) Acenaphthylene-d8	14.203	160	208018	24.912	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	9759m	9.828	ng/u1	0.02
60) Fluorene-d10	15.507	176	169257	24.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	21791	15.013	ng/u1	0.01
73) Anthracene-d10	17.358	188	273209	25.823	ng/u1	0.00
81) Pyrene-d10	19.656	212	337941	25.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.403	264	365655	25.492	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.713	128	7277	1.008	ng/u1	98
52) Acenaphthene	14.573	153	10667	1.756	ng/u1	94
61) Fluorene	15.560	166	12186	1.622	ng/u1#	92
72) Phenanthrene	17.305	178	384050	32.972	ng/u1	100
74) Anthracene	17.394	178	53347	4.430	ng/u1	98
77) Carbazole	17.670	167	43410	4.432	ng/u1	99
80) Fluoranthene	19.327	202	1280550	82.061	ng/u1	99
82) Pyrene	19.685	202	1170178	72.243	ng/u1	99
83) Butylbenzylphthalate	20.572	149	21023	3.778	ng/u1	96
85) Benzo(a)anthracene	21.500	228	714496	40.873	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.406	149	102302	12.420	ng/u1	95
87) Chrysene	21.565	228	805903	50.069	ng/u1	98
90) Benzo(b)fluoranthene	23.645	252	1106472	62.287	ng/u1	100
91) Benzo(k)fluoranthene	23.698	252	394788m	21.892	ng/u1	
93) Benzo(a)pyrene	24.473	252	757031	44.879	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.128	276	548482	26.888	ng/u1#	98
95) Dibenzo(a,h)anthracene	28.157	278	132483	7.877	ng/u1#	98
96) Benzo(g,h,i)perylene	29.221	276	467491m	28.808	ng/u1	

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



#30
Naphthalene
Concen: 1.008 ng/ul
RT: 10.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

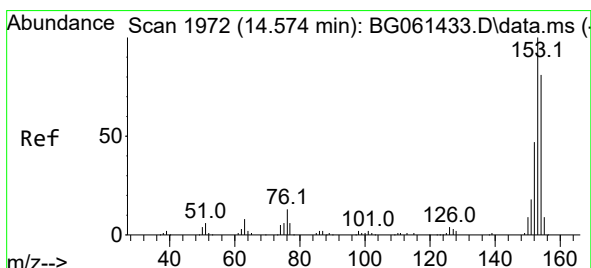
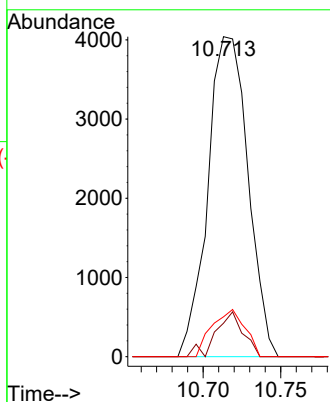
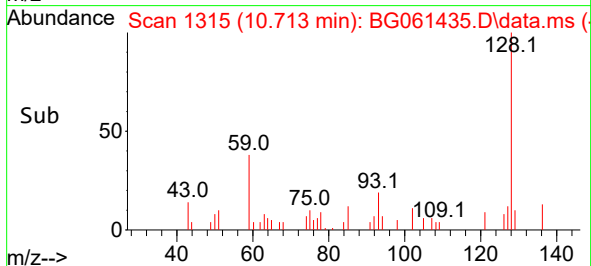
Instrument :
BNA_G
ClientSampleId :
BH5W3



Tgt Ion:128 Resp: 727
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.5 10.8 16.2

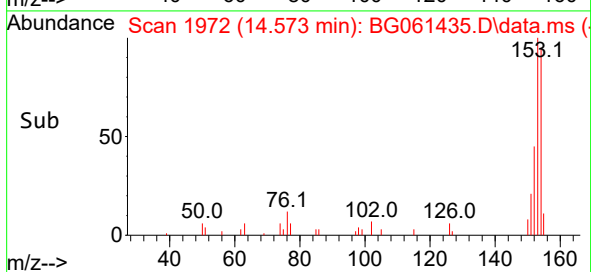
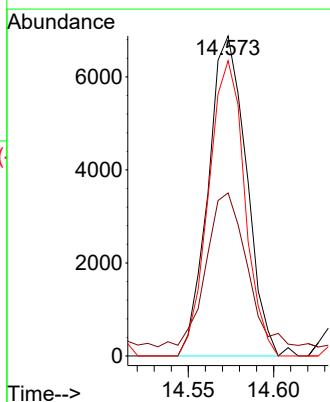
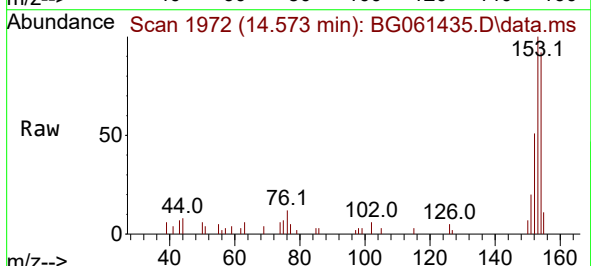
Manual Integrations
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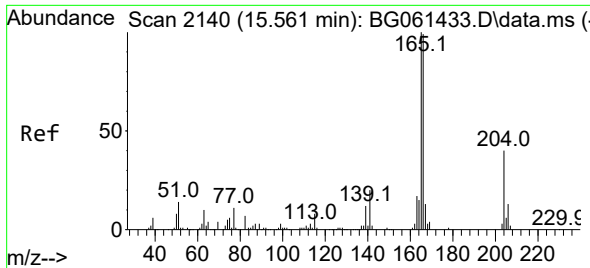
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#52
Acenaphthene
Concen: 1.756 ng/ul
RT: 14.573 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

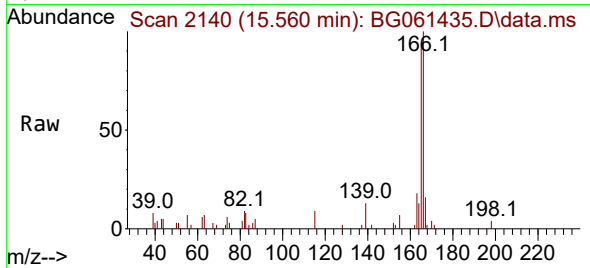
Tgt Ion:153 Resp: 10667
Ion Ratio Lower Upper
153 100
152 51.0 37.8 56.8
154 92.3 69.0 103.6





#61
Fluorene
Concen: 1.622 ng/ul
RT: 15.560 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

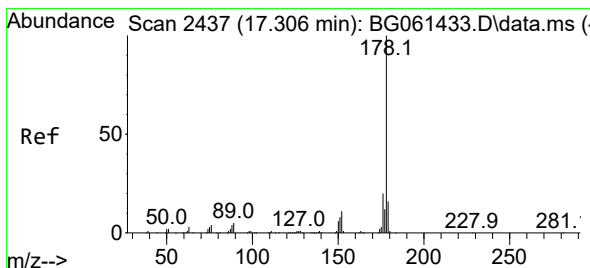
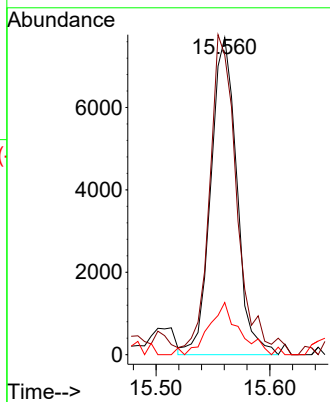
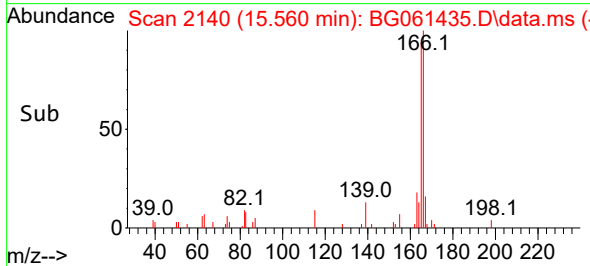
Instrument :
BNA_G
ClientSampleId :
BH5W3



Tgt Ion:166 Resp: 12180
Ion Ratio Lower Upper
166 100
165 94.5 81.8 122.8
167 16.5 10.6 16.0

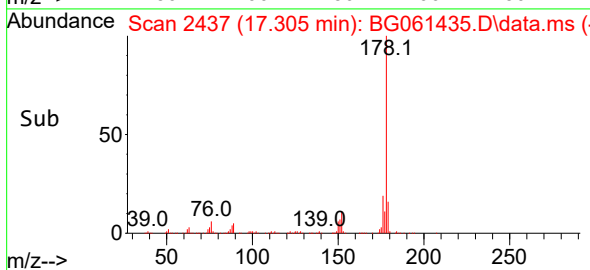
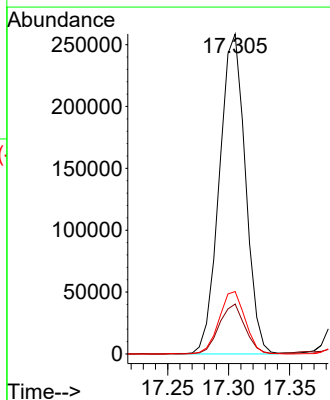
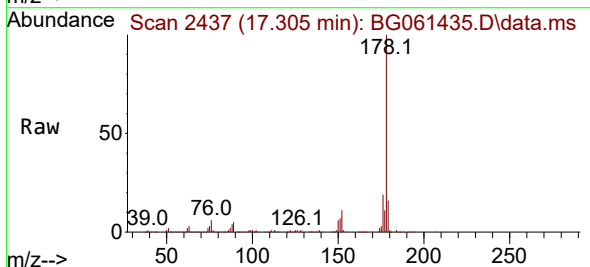
Manual Integrations
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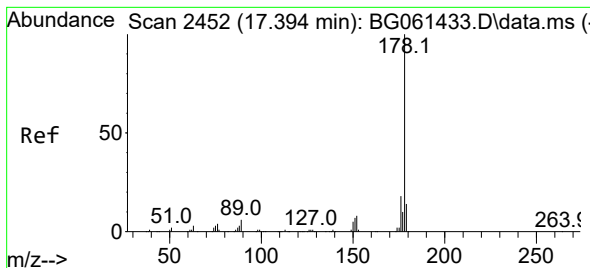
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#72
Phenanthrene
Concen: 32.972 ng/ul
RT: 17.305 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

Tgt Ion:178 Resp: 384050
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.5 15.5 23.3





#74

Anthracene

Concen: 4.430 ng/ul

RT: 17.394 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BG061435.D

Acq: 3 Jun 2024 23:41

Instrument :

BNA_G

ClientSampleId :

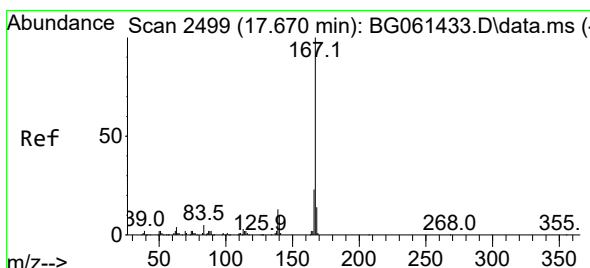
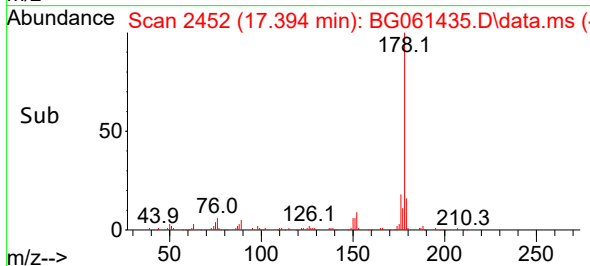
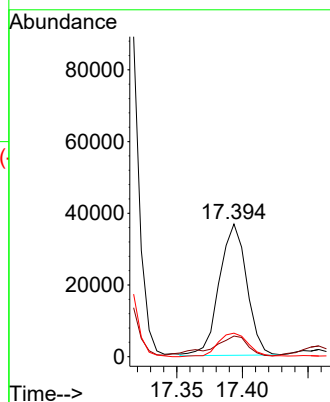
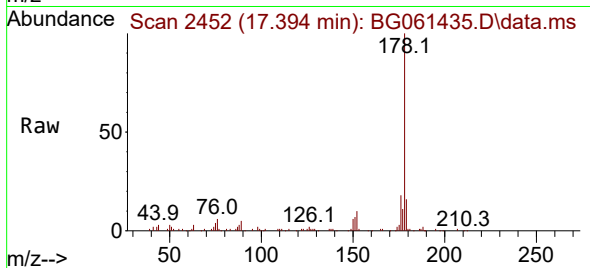
BH5W3

Tgt Ion:	178	Resp:	5334
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.8	17.6
176	17.8	14.9	22.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#77

Carbazole

Concen: 4.432 ng/ul

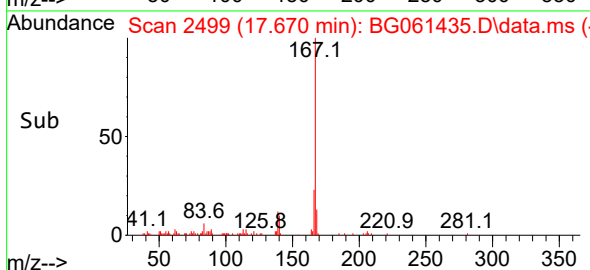
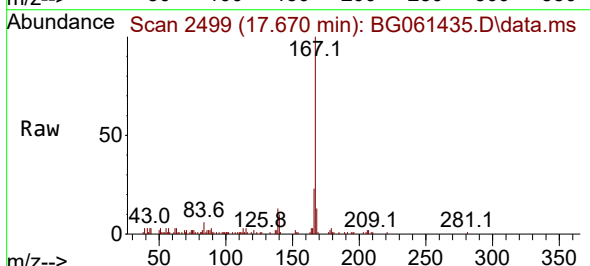
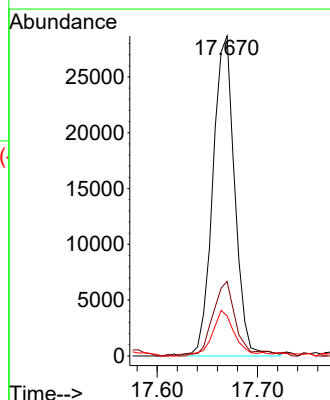
RT: 17.670 min Scan# 2499

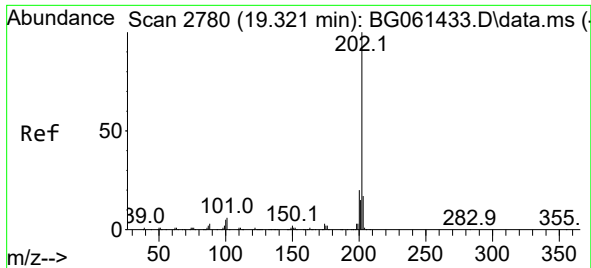
Delta R.T. 0.006 min

Lab File: BG061435.D

Acq: 3 Jun 2024 23:41

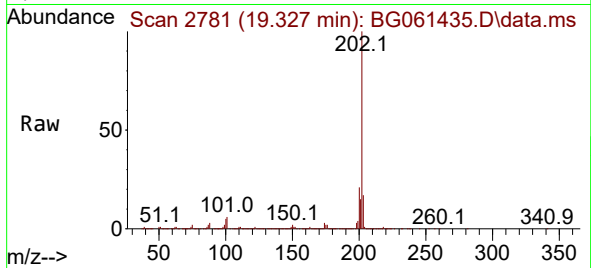
Tgt Ion:	167	Resp:	43410
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.6	28.0
139	12.5	10.6	15.8





#80
Fluoranthene
Concen: 82.061 ng/ul
RT: 19.327 min Scan# 2780
Delta R.T. 0.012 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

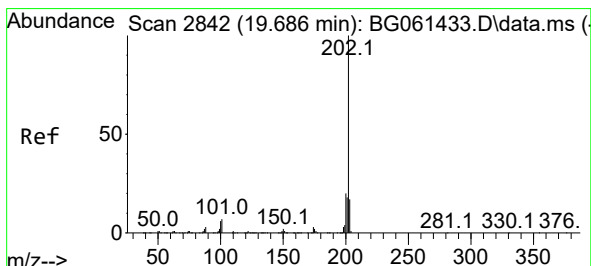
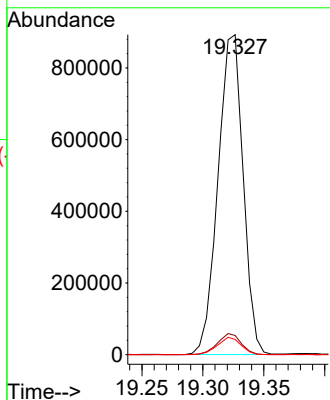
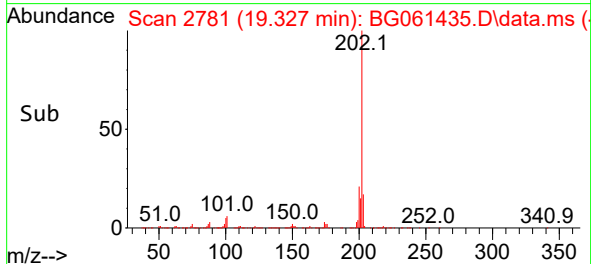
Instrument :
BNA_G
ClientSampleId :
BH5W3



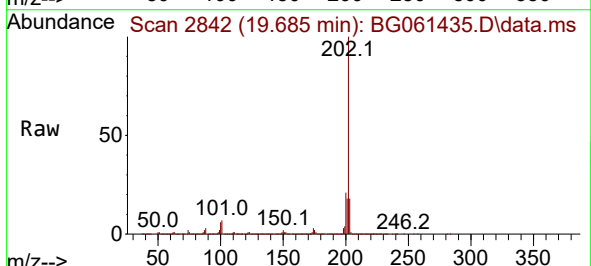
Tgt Ion:202 Resp: 1280550
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.7 4.1 6.1

Manual Integrations
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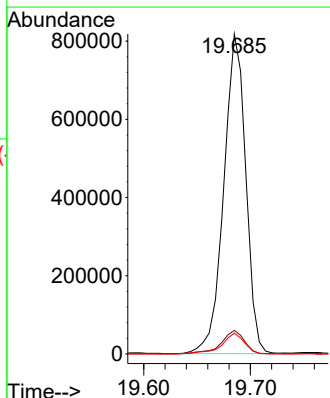
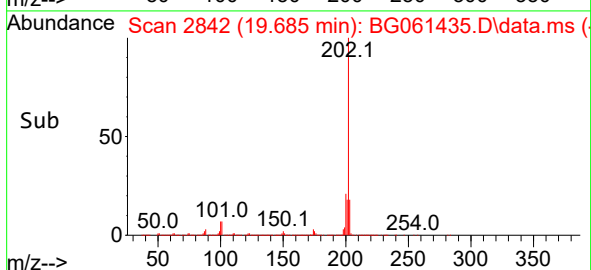
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

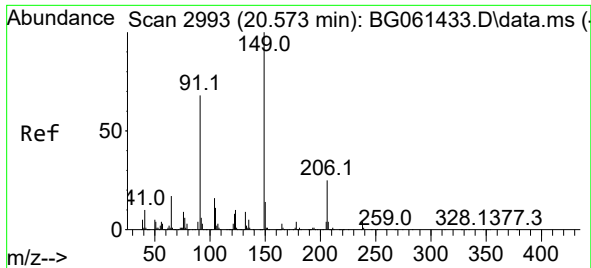


#82
Pyrene
Concen: 72.243 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41



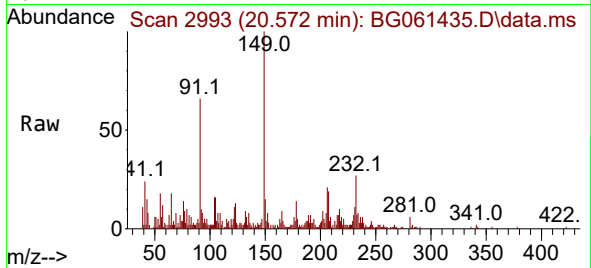
Tgt Ion:202 Resp: 1170178
Ion Ratio Lower Upper
202 100
101 7.4 5.7 8.5
100 6.5 5.1 7.7





#83
Butylbenzylphthalate
Concen: 3.778 ng/ul
RT: 20.572 min Scan# 2993
Delta R.T. 0.000 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

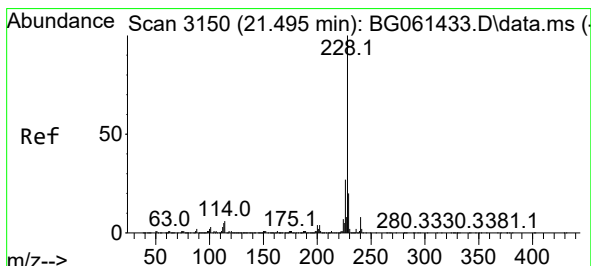
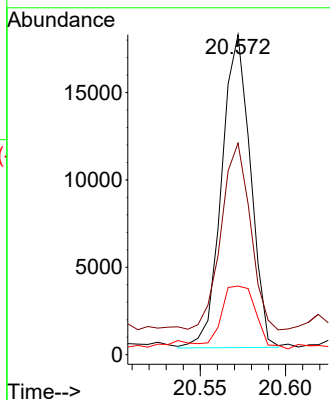
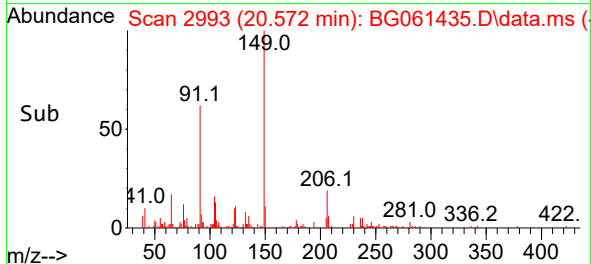
Instrument :
BNA_G
ClientSampleId :
BH5W3



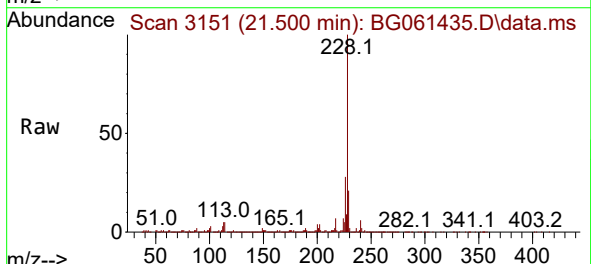
Tgt Ion:149 Resp: 2102
Ion Ratio Lower Upper
149 100
91 66.1 54.8 82.2
206 21.4 19.4 29.0

Manual Integrations
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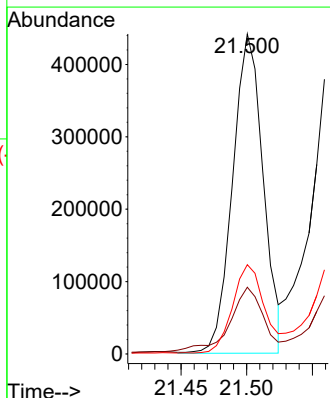
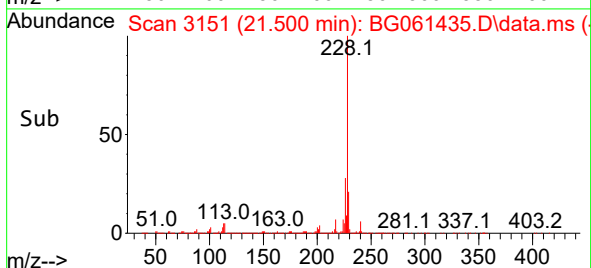
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

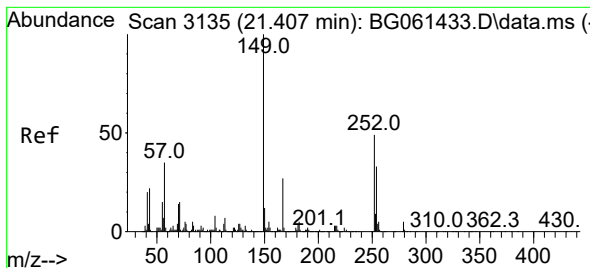


#85
Benzo(a)anthracene
Concen: 40.873 ng/ul
RT: 21.500 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41



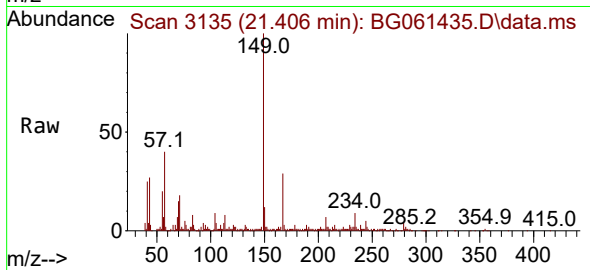
Tgt Ion:228 Resp: 714496
Ion Ratio Lower Upper
228 100
229 20.9 15.2 22.8
226 27.9 21.4 32.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 12.420 ng/ul
 RT: 21.406 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: BG061435.D
 Acq: 3 Jun 2024 23:41

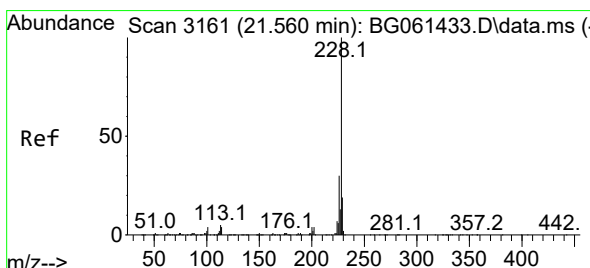
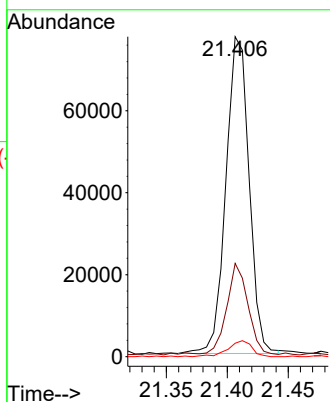
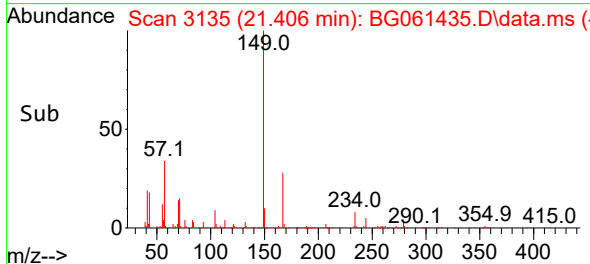
Instrument :
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 ClientSampleId :
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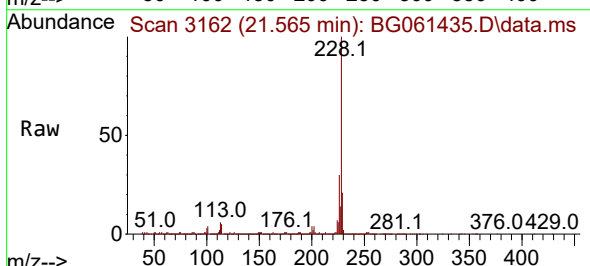
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 Ion Ratio Lower Upper
 149 100
 167 29.2 21.1 31.7
 279 4.2 3.3 4.9

Manual Integrations
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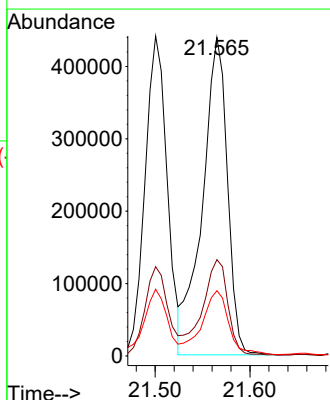
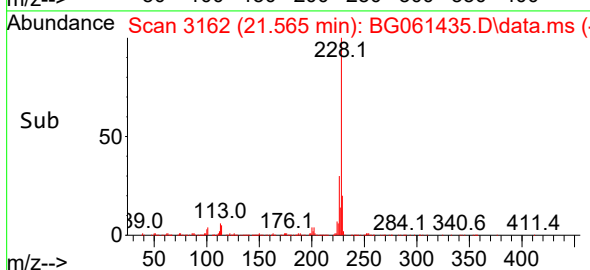
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

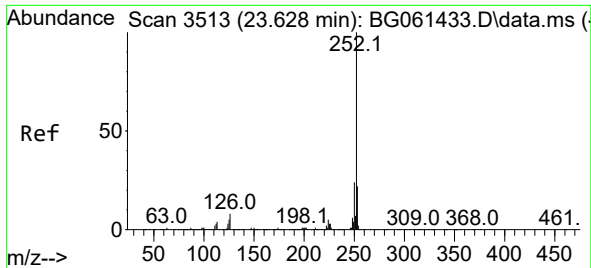


#87
 Chrysene
 Concen: 50.069 ng/ul
 RT: 21.565 min Scan# 3162
 Delta R.T. 0.012 min
 Lab File: BG061435.D
 Acq: 3 Jun 2024 23:41



Tgt Ion:228 Resp: 805903
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.4 35.0
 229 20.5 15.4 23.2





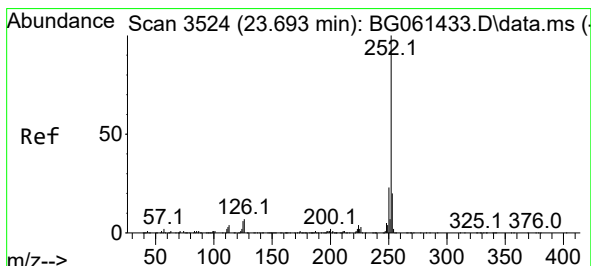
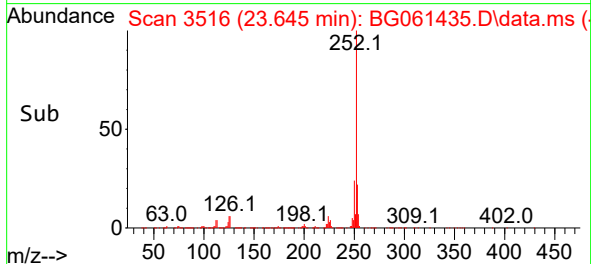
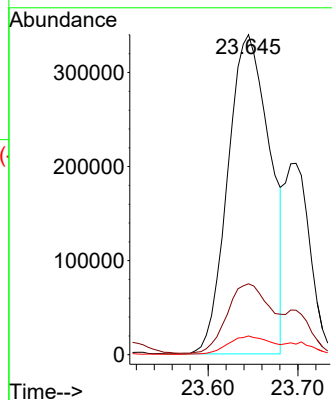
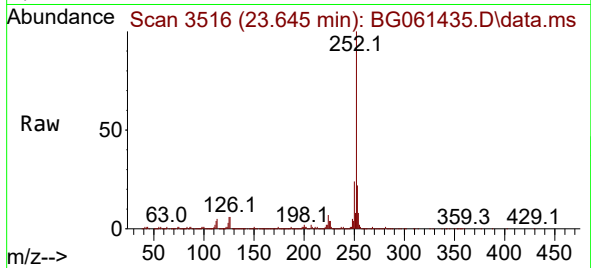
#90
Benzo(b)fluoranthene
Concen: 62.287 ng/ul
RT: 23.645 min Scan# 3516
Delta R.T. 0.029 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

Instrument :
BNA_G
ClientSampleId :
BH5W3

Tgt Ion:252 Resp: 1106472
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.8 4.6 6.8

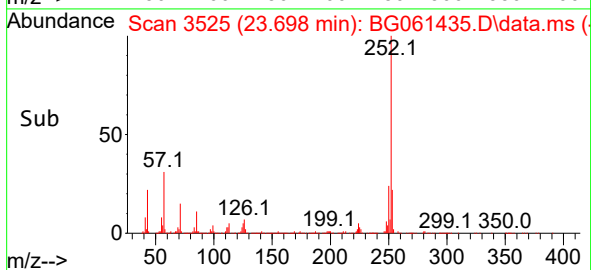
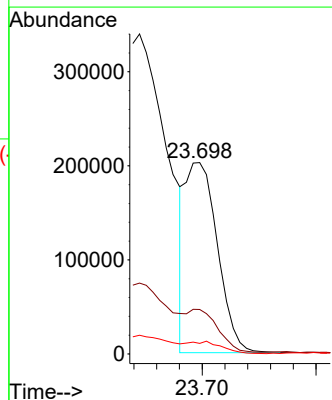
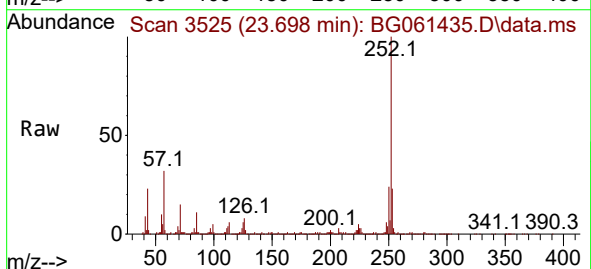
Manual Integrations
APPROVED

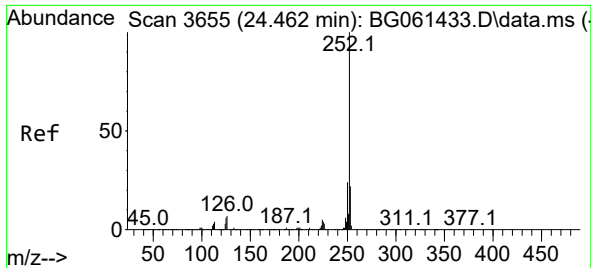
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#91
Benzo(k)fluoranthene
Concen: 21.892 ng/ul m
RT: 23.698 min Scan# 3525
Delta R.T. 0.018 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

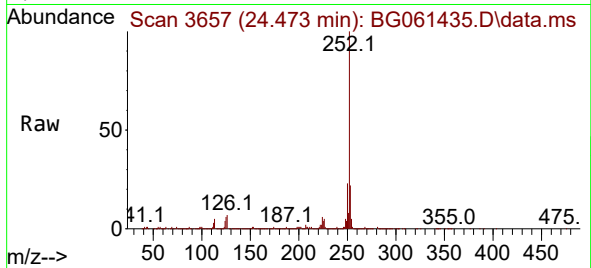
Tgt Ion:252 Resp: 394788
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 5.6 4.3 6.5





#93
Benzo(a)pyrene
Concen: 44.879 ng/ul
RT: 24.473 min Scan# 3657
Delta R.T. 0.024 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41

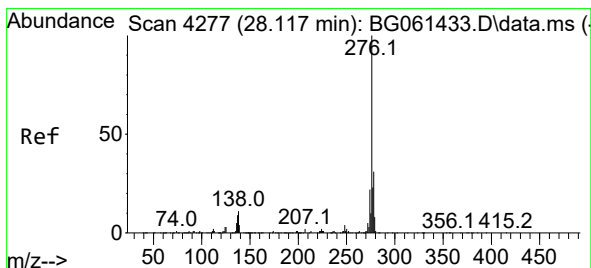
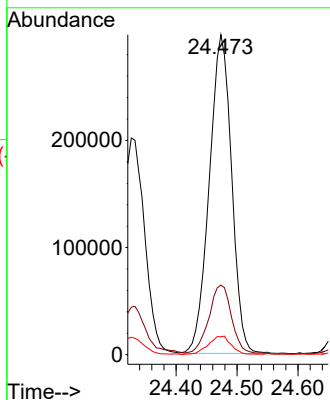
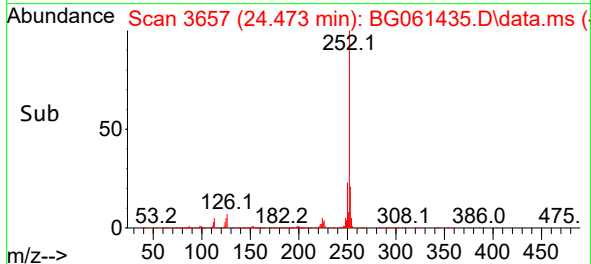
Instrument :
BNA_G
ClientSampleId :
BH5W3



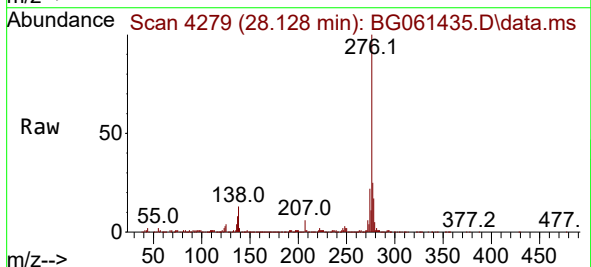
Tgt Ion:252 Resp: 75703
Ion Ratio Lower Upper
252 100
253 21.7 16.4 24.6
125 5.6 4.3 6.5

Manual Integrations
APPROVED

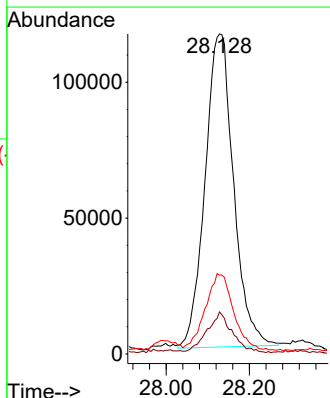
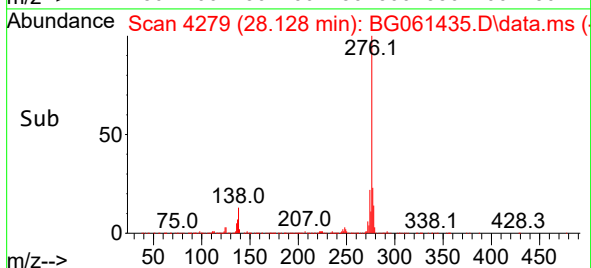
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

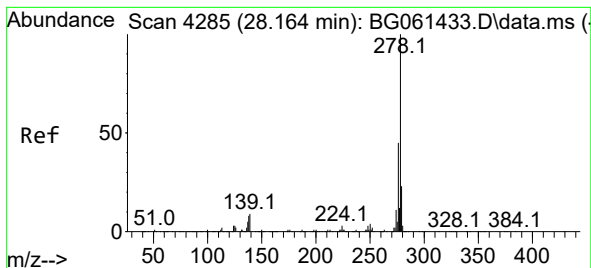


#94
Indeno(1,2,3-cd)pyrene
Concen: 26.888 ng/ul
RT: 28.128 min Scan# 4279
Delta R.T. 0.035 min
Lab File: BG061435.D
Acq: 3 Jun 2024 23:41



Tgt Ion:276 Resp: 548482
Ion Ratio Lower Upper
276 100
138 13.1 8.6 13.0#
277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 7.877 ng/ul

RT: 28.157 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061435.D

Acq: 3 Jun 2024 23:41

Instrument :

BNA_G

ClientSampleId :

BH5W3

Tgt Ion:278 Resp: 13248

Ion Ratio Lower Upper

278 100

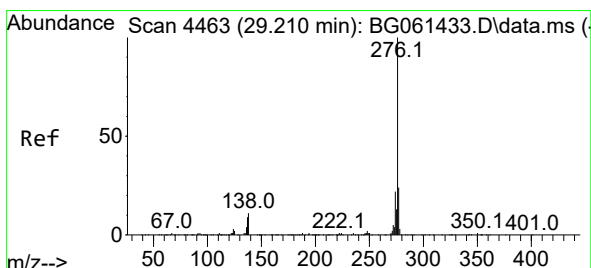
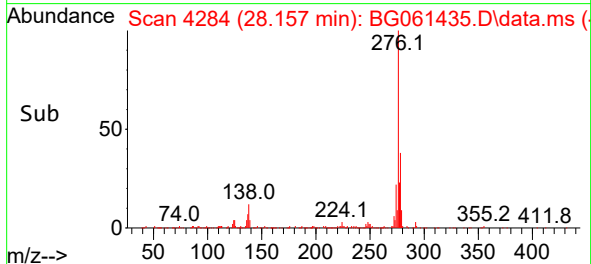
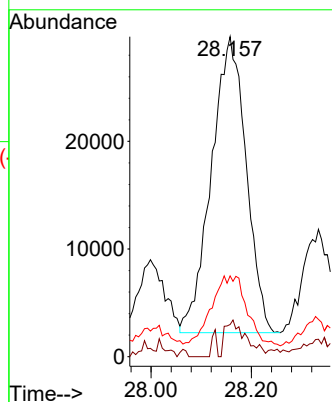
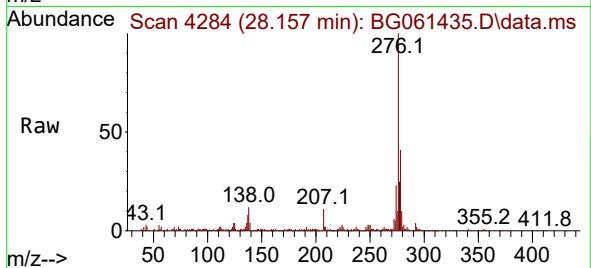
139 10.0 6.4 9.6

279 25.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#96

Benzo(g,h,i)perylene

Concen: 28.808 ng/ul m

RT: 29.221 min Scan# 4465

Delta R.T. 0.047 min

Lab File: BG061435.D

Acq: 3 Jun 2024 23:41

Tgt Ion:276 Resp: 467491

Ion Ratio Lower Upper

276 100

138 10.5 8.7 13.1

277 23.0 18.2 27.2

