

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061512.D
 Acq On : 6 Jun 2024 16:19
 Operator : MA/JU
 Sample : P2635-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:25:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	33201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	121444	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	84614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	190501	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	207522	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	239966	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	1924	3.243	ng/uL	0.02
4) Pyridine-d5	3.775	84	4573m	2.167	ng/u1	0.00
7) Phenol-d5	7.071	99	48392	17.749	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	30892	18.026	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	40983	20.311	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	35923	15.452	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	20852	22.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	23475	21.452	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	45508	21.331	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	32308	11.576	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	140882	21.468	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	149808	21.958	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	12858m	15.848	ng/u1	0.00
60) Fluorene-d10	15.508	176	119320	21.060	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	15163	13.160	ng/u1	0.00
73) Anthracene-d10	17.359	188	191110	22.755	ng/u1	0.00
81) Pyrene-d10	19.656	212	212800	19.971	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	193063	16.735	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.698	105	4916	1.239	ng/u1#	83
50) Acenaphthylene	14.233	152	9165	1.211	ng/u1#	96
72) Phenanthrene	17.306	178	112629	12.181	ng/u1	98
74) Anthracene	17.394	178	15027m	1.572	ng/u1	
77) Carbazole	17.670	167	9168	1.179	ng/u1#	89
80) Fluoranthene	19.321	202	291209	22.782	ng/u1	99
82) Pyrene	19.685	202	240392	18.118	ng/u1	98
85) Benzo(a)anthracene	21.501	228	164358	11.478	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	13730	2.035	ng/u1#	90
87) Chrysene	21.566	228	178161	13.513	ng/u1	95
90) Benzo(b)fluoranthene	23.634	252	223452	15.640	ng/u1	99
91) Benzo(k)fluoranthene	23.687	252	79668m	5.493	ng/u1	
93) Benzo(a)pyrene	24.462	252	97309	7.173	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.111	276	83111	5.066	ng/u1	98
95) Dibenzo(a,h)anthracene	28.158	278	29372	2.171	ng/u1	97

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

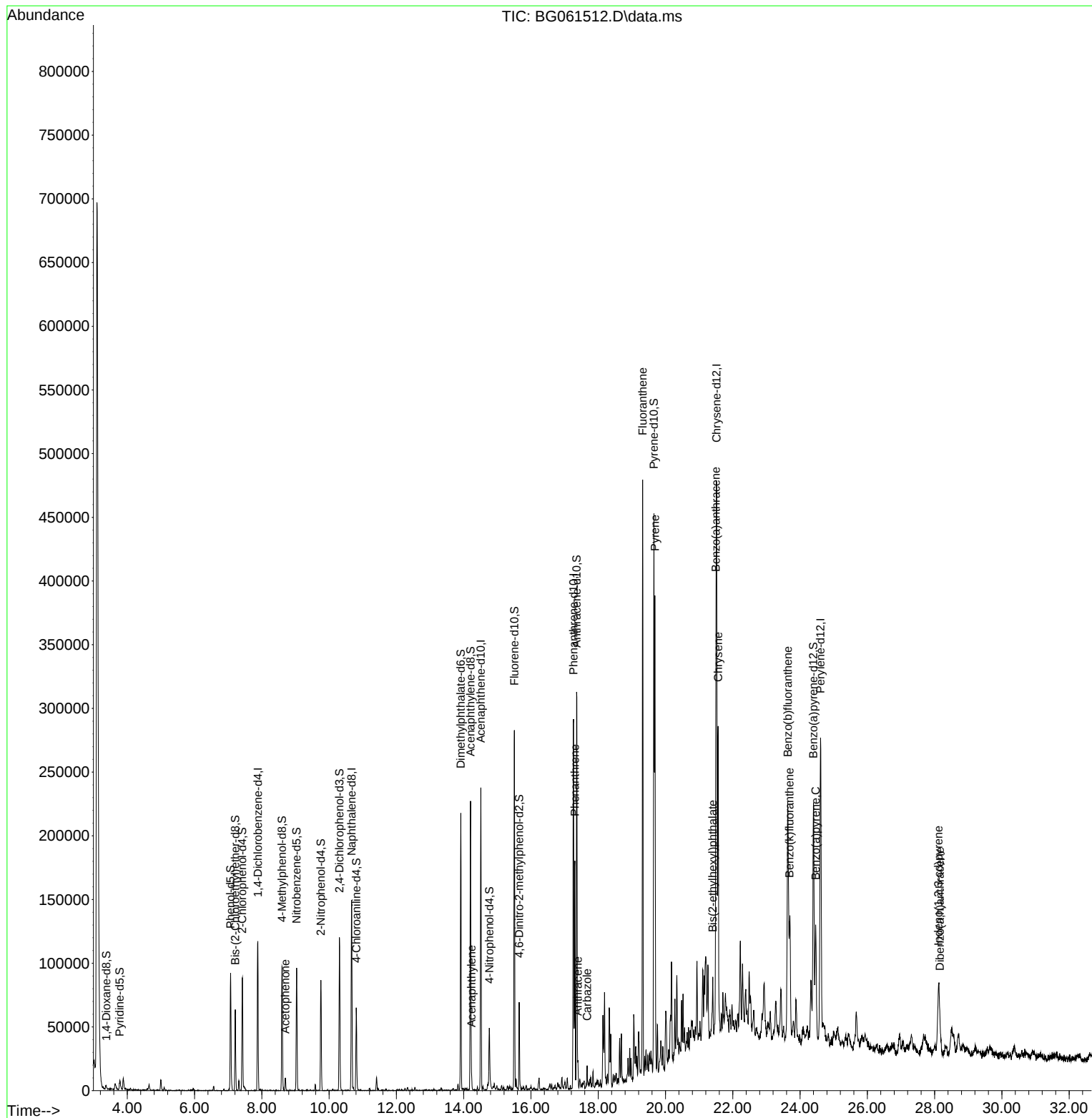
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061512.D
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 Sample : P2635-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

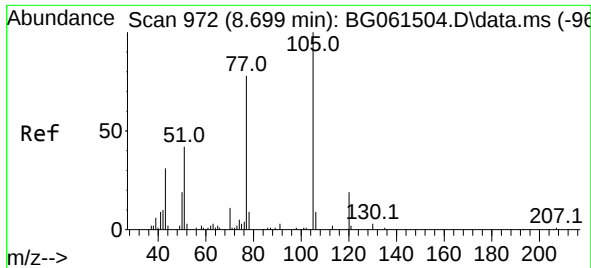
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 Supervised By :mohammad ahmed 06/08/2024

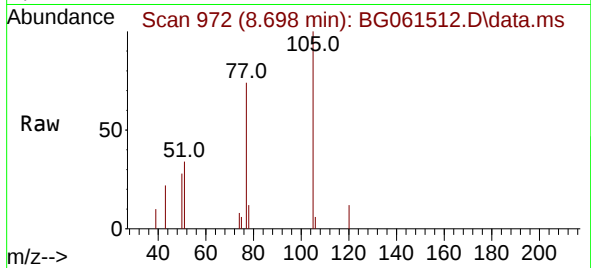
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration





#16
Acetophenone
Concen: 1.239 ng/ul
RT: 8.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19

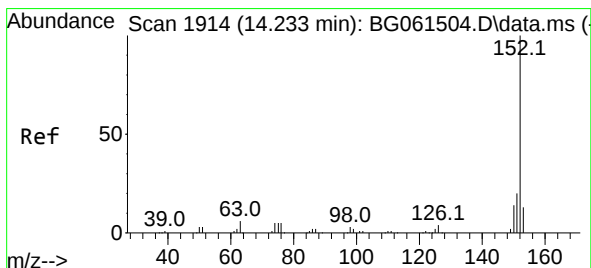
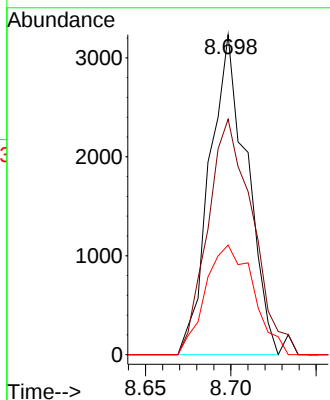
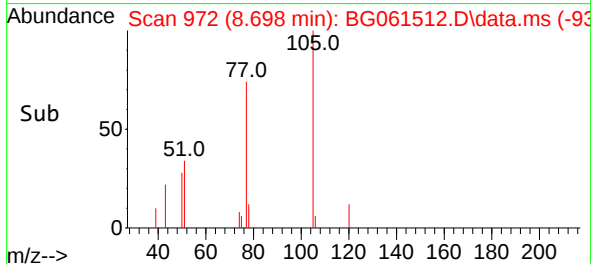
Instrument :
BNA_G
ClientSampleId :
BHBZ2



Tgt Ion:105 Resp: 4910
Ion Ratio Lower Upper
105 100
77 73.6 70.4 105.6
51 34.2 38.4 57.6

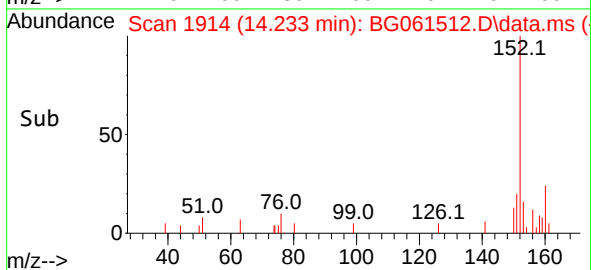
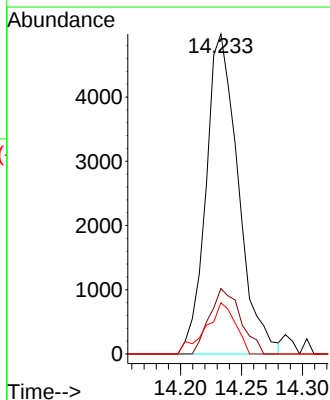
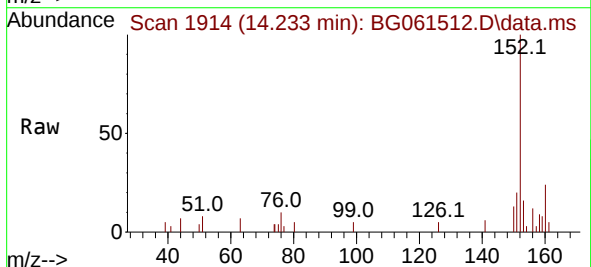
Manual Integrations
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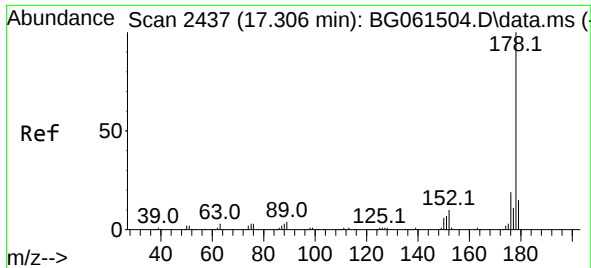
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#50
Acenaphthylene
Concen: 1.211 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19

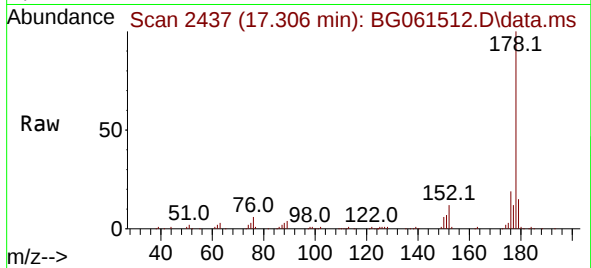
Tgt Ion:152 Resp: 9165
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 16.0 10.2 15.4





#72
Phenanthrene
Concen: 12.181 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19

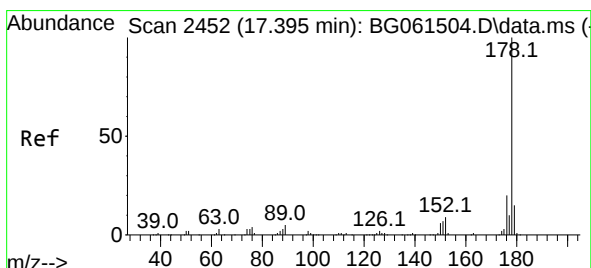
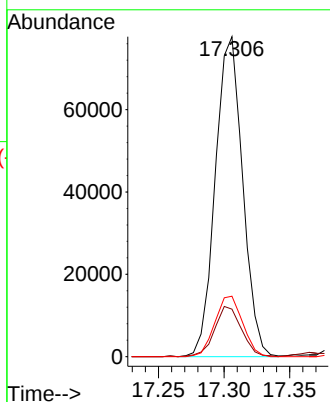
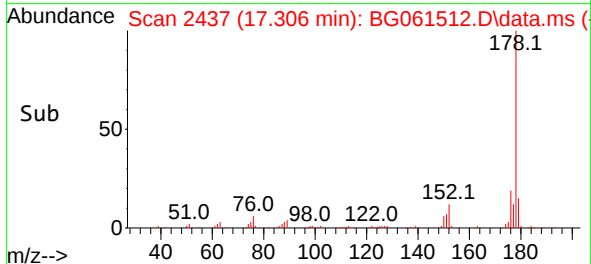
Instrument :
BNA_G
ClientSampleId :
BHBZ2



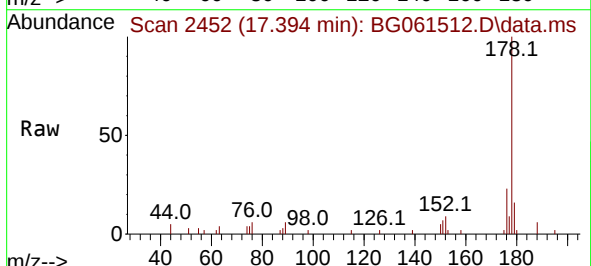
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Ion Ratio Lower Upper
178 100
179 14.9 12.7 19.1
176 18.9 15.5 23.3

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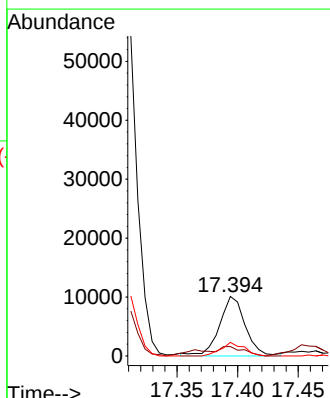
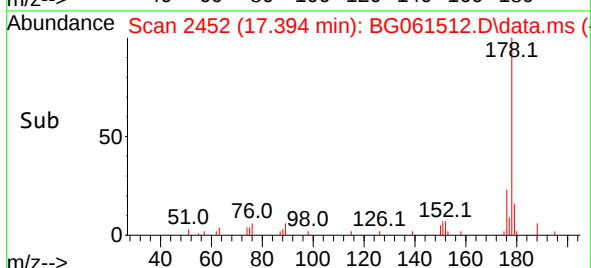
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

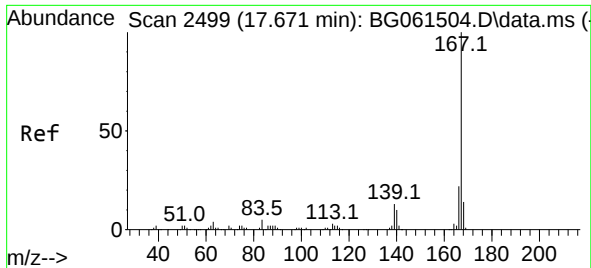


#74
Anthracene
Concen: 1.572 ng/ul m
RT: 17.394 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19



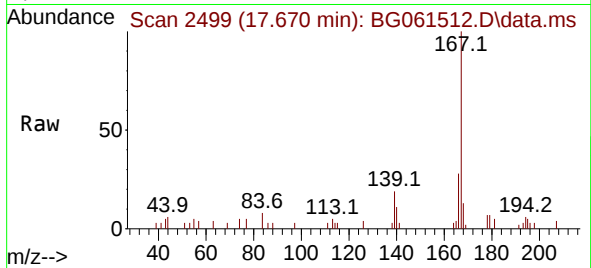
Tgt Ion:178 Resp: 15027
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 22.9 14.9 22.3#





#77
 Carbazole
 Concen: 1.179 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.000 min
 Lab File: BG061512.D
 Acq: 6 Jun 2024 16:19

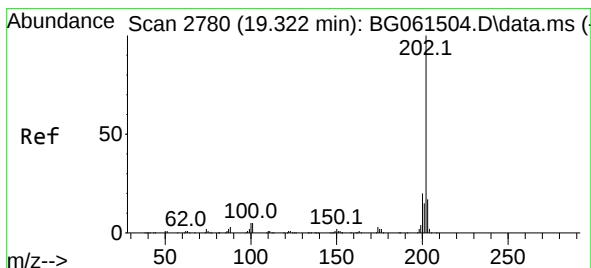
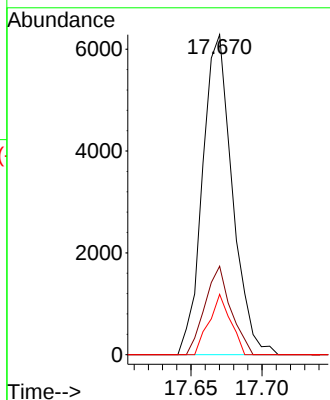
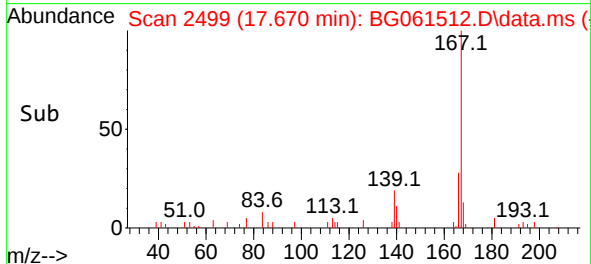
Instrument :
 BNA_G
 ClientSampleId :
 BHBZ2



Tgt Ion:	167	Resp:	916
Ion Ratio	Lower	Upper	
167	100		
166	27.6	18.6	28.0
139	18.9	10.6	15.8

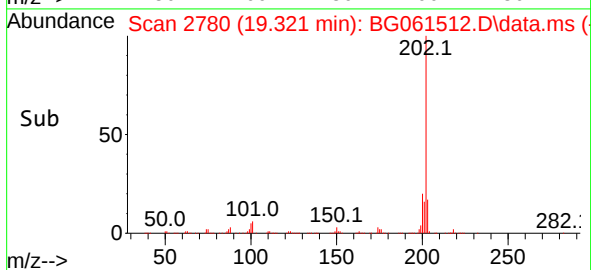
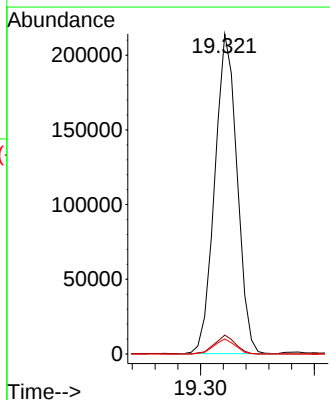
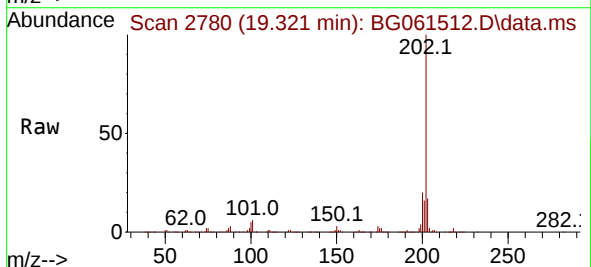
Manual Integrations
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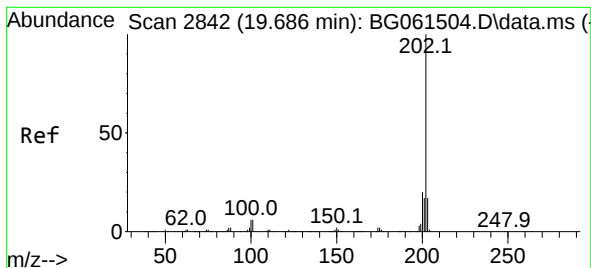
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 22.782 ng/ul
 RT: 19.321 min Scan# 2780
 Delta R.T. -0.000 min
 Lab File: BG061512.D
 Acq: 6 Jun 2024 16:19

Tgt Ion:	202	Resp:	291209
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.8	7.2
100	4.7	4.1	6.1





#82

Pyrene

Concen: 18.118 ng/ul

RT: 19.685 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG061512.D

Acq: 6 Jun 2024 16:19

Instrument :

BNA_G

ClientSampleId :

BHBZ2

Tgt Ion:202 Resp: 240392

Ion Ratio Lower Upper

202 100

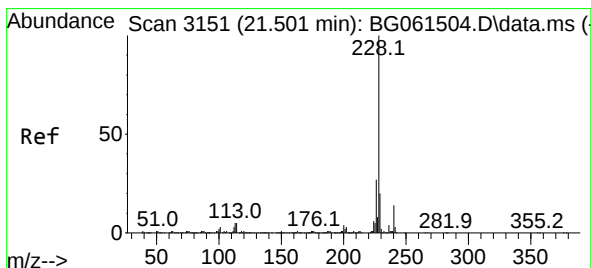
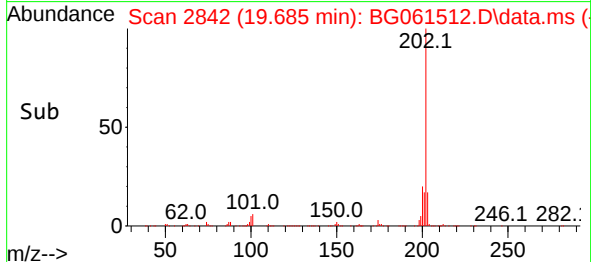
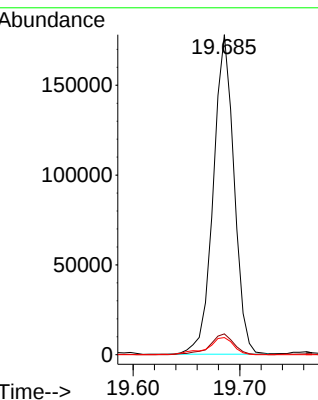
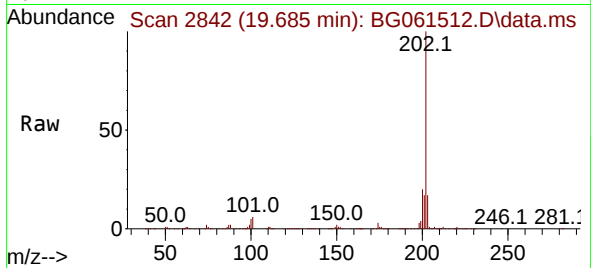
101 6.5 5.7 8.5

100 5.4 5.1 7.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#85

Benzo(a)anthracene

Concen: 11.478 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BG061512.D

Acq: 6 Jun 2024 16:19

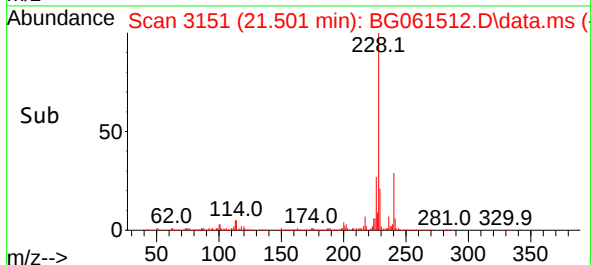
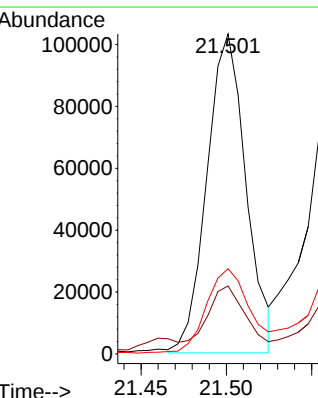
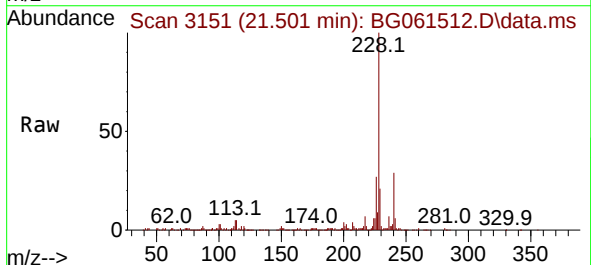
Tgt Ion:228 Resp: 164358

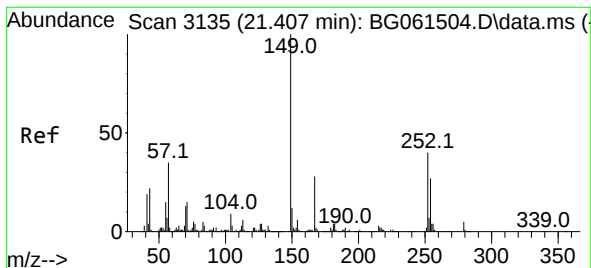
Ion Ratio Lower Upper

228 100

229 21.3 15.2 22.8

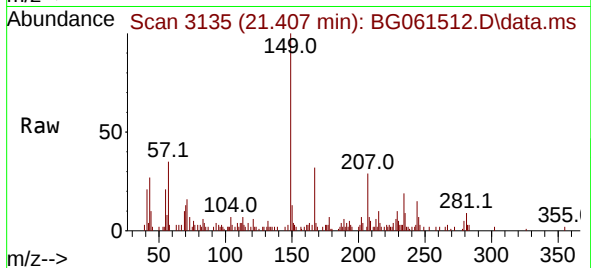
226 26.7 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.035 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19

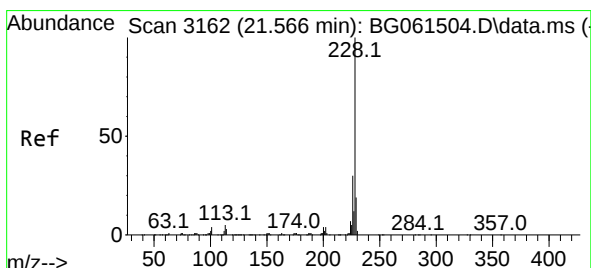
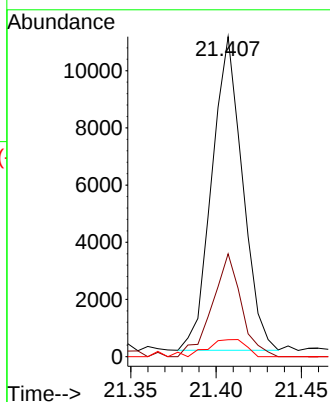
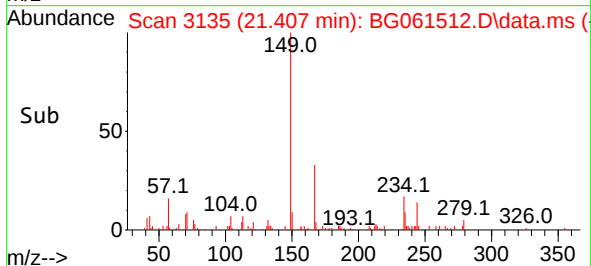
Instrument :
BNA_G
ClientSampleId :
BHBZ2



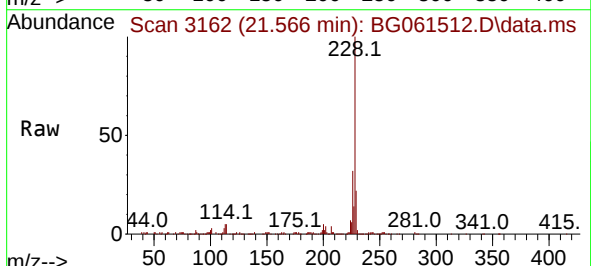
Tgt Ion:149 Resp: 13730
Ion Ratio Lower Upper
149 100
167 32.2 21.1 31.7
279 5.3 3.3 4.9

Manual Integrations
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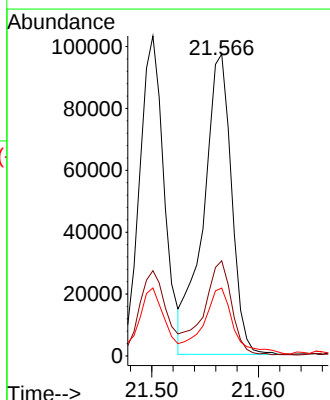
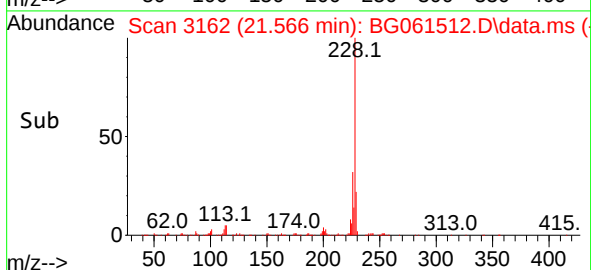
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

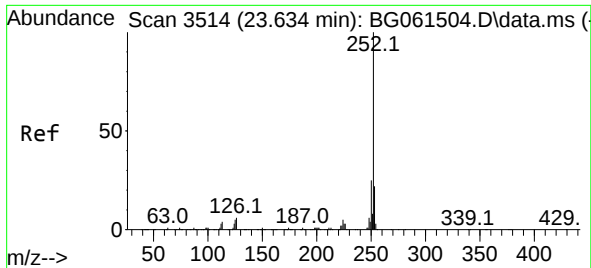


#87
Chrysene
Concen: 13.513 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19



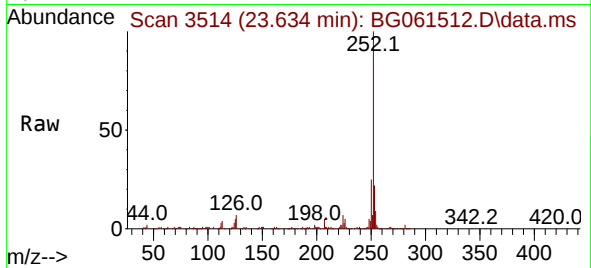
Tgt Ion:228 Resp: 178161
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.0
229 22.5 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 15.640 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19

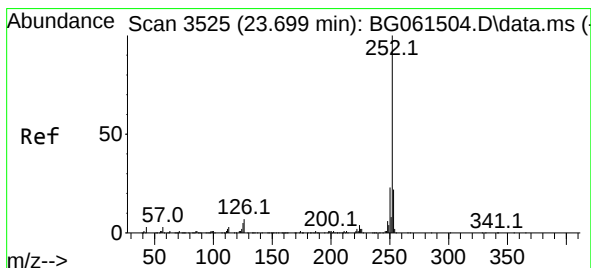
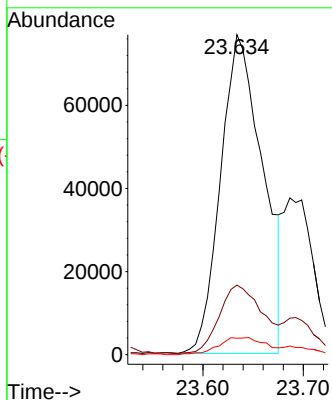
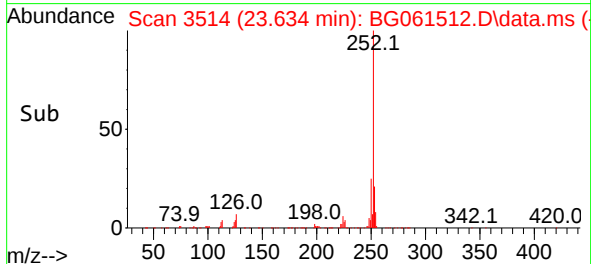
Instrument :
BNA_G
ClientSampleId :
BHBZ2



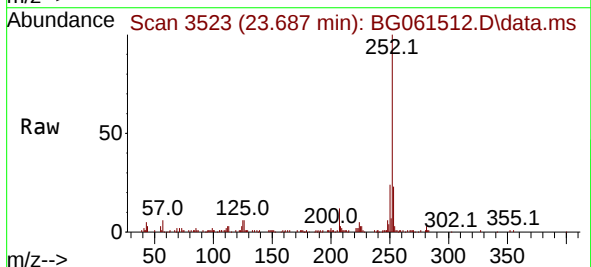
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Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.1 4.6 6.8

Manual Integrations
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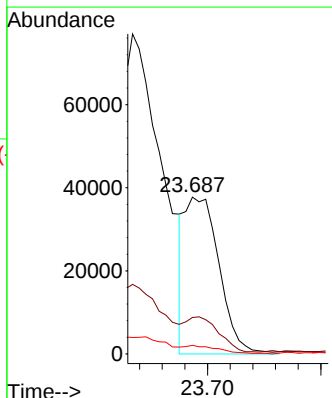
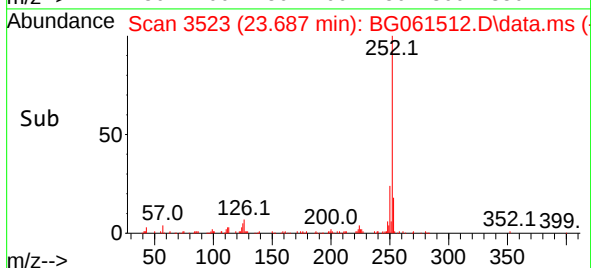
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

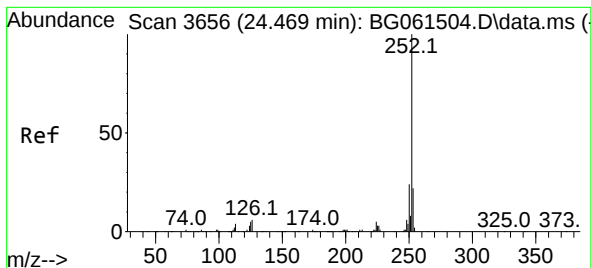


#91
Benzo(k)fluoranthene
Concen: 5.493 ng/ul m
RT: 23.687 min Scan# 3523
Delta R.T. -0.012 min
Lab File: BG061512.D
Acq: 6 Jun 2024 16:19



Tgt Ion:252 Resp: 79668
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: 7.173 ng/ul

RT: 24.462 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG061512.D

Acq: 6 Jun 2024 16:19

Instrument :

BNA_G

ClientSampleId :

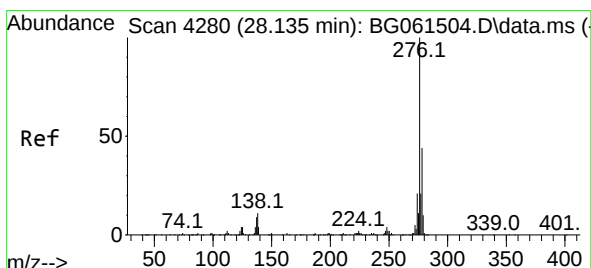
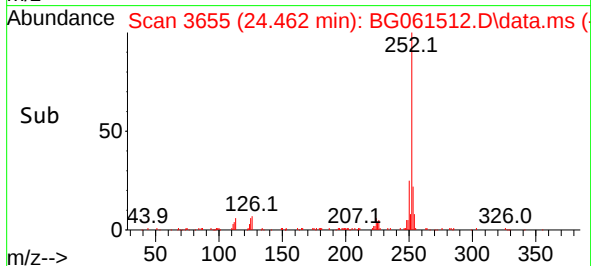
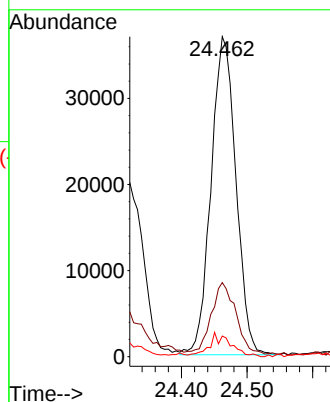
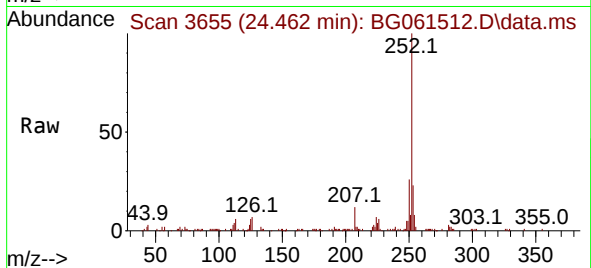
BHBZ2

Tgt Ion:	252	Resp:	97309
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.4	24.6
125	6.5	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.066 ng/ul

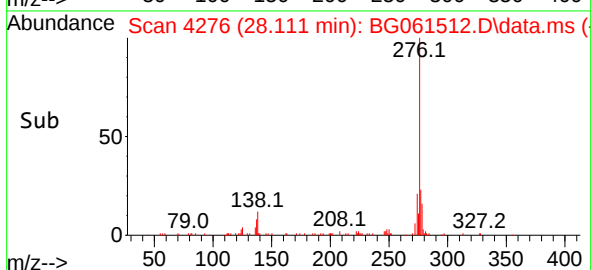
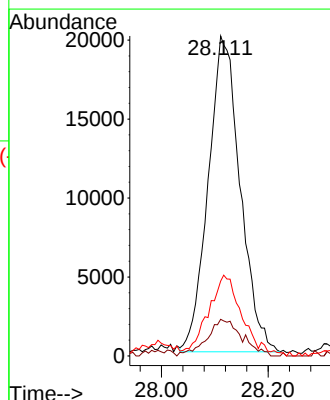
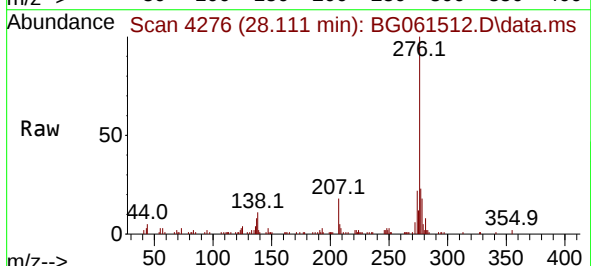
RT: 28.111 min Scan# 4276

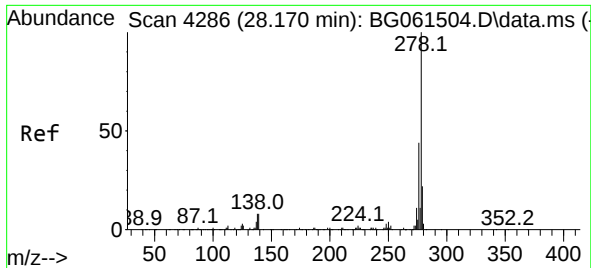
Delta R.T. -0.024 min

Lab File: BG061512.D

Acq: 6 Jun 2024 16:19

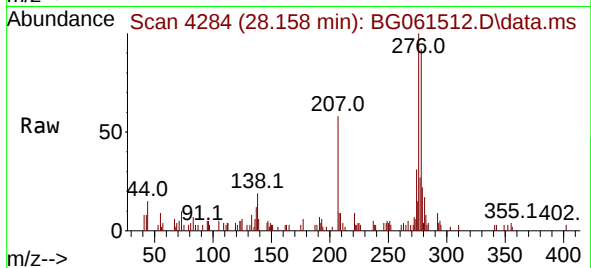
Tgt Ion:	276	Resp:	83111
Ion Ratio	Lower	Upper	
276	100		
138	11.5	8.6	13.0
277	23.4	19.7	29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.171 ng/ul
 RT: 28.158 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BG061512.D
 Acq: 6 Jun 2024 16:19

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ2



Tgt Ion: 278 Resp: 2937

Ion	Ratio	Lower	Upper
278	100		
139	6.9	6.4	9.6
279	23.7	19.9	29.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

