

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061576.D
 Acq On : 8 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2647-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 00:56:35 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	7.875	152	28132	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	110088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	80685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	191181	20.000	ng/u1	0.00
79) Chrysene-d12	21.530	240	209815	20.000	ng/u1	0.01
88) Perylene-d12	24.632	264	222777	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1822	3.624	ng/uL	-0.02
4) Pyridine-d5	3.745	84	9567m	5.350	ng/u1	-0.02
7) Phenol-d5	7.070	99	50393	21.813	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	29821	20.537	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.417	132	41142	24.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	42328	21.487	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	21280	25.106	ng/u1	0.00
24) 2-Nitrophenol-d4	9.755	143	25004	25.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	52968	27.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	28023	11.076	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	171008	27.327	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	182210	28.007	ng/u1	0.00
54) 4-Nitrophenol-d4	14.773	143	17376m	22.459	ng/u1	0.02
60) Fluorene-d10	15.508	176	146478	27.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.660	200	16317	14.111	ng/u1	0.01
73) Anthracene-d10	17.364	188	243234	28.858	ng/u1	0.00
81) Pyrene-d10	19.662	212	277057	25.718	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.421	264	232006	21.662	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.719	128	5817	1.001	ng/u1	98
36) 2-Methylnaphthalene	12.329	142	6964	1.653	ng/u1	93
37) 1-Methylnaphthalene	12.546	142	7738	1.789	ng/u1	89
72) Phenanthrene	17.311	178	114908	12.383	ng/u1	98
74) Anthracene	17.399	178	15154m	1.579	ng/u1	
80) Fluoranthene	19.327	202	195697	15.143	ng/u1	99
82) Pyrene	19.691	202	185112	13.799	ng/u1	98
85) Benzo(a)anthracene	21.512	228	140222	9.686	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.412	149	40714	5.969	ng/u1#	97
87) Chrysene	21.571	228	143582	10.771	ng/u1	93
90) Benzo(b)fluoranthene	23.657	252	169817	12.803	ng/u1	95
91) Benzo(k)fluoranthene	23.704	252	66408m	4.932	ng/u1	
93) Benzo(a)pyrene	24.485	252	74385	5.906	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.163	276	47830m	3.140	ng/u1	
95) Dibenzo(a,h)anthracene	28.175	278	19333m	1.539	ng/u1	

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

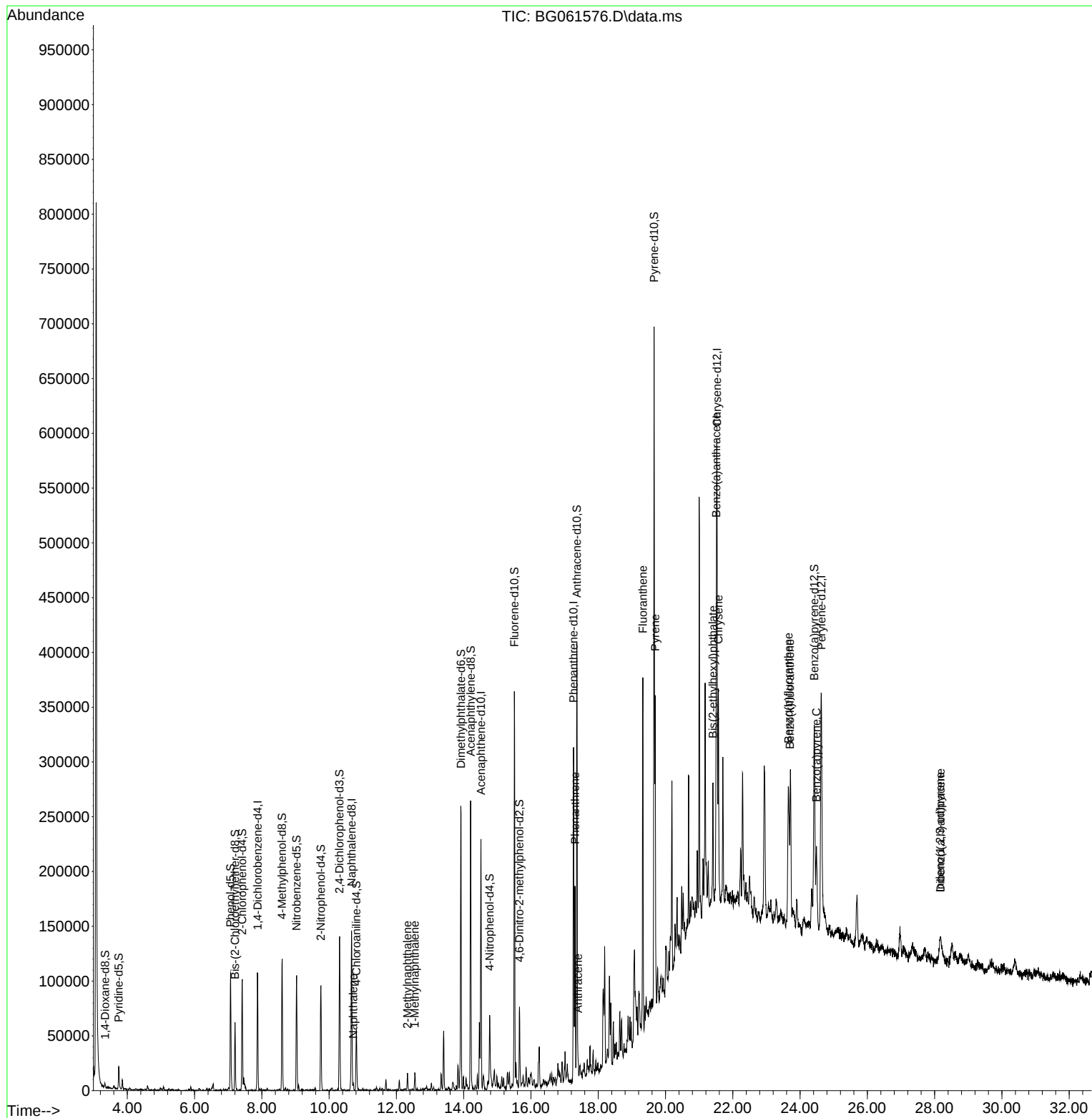
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061576.D
Acq On : 8 Jun 2024 22:22
Operator : MA/JU
Sample : P2647-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

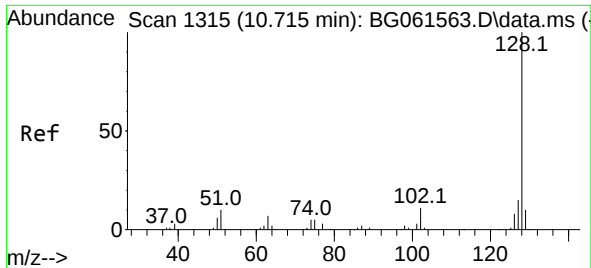
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Supervised By :mohammad ahmed 06/10/2024

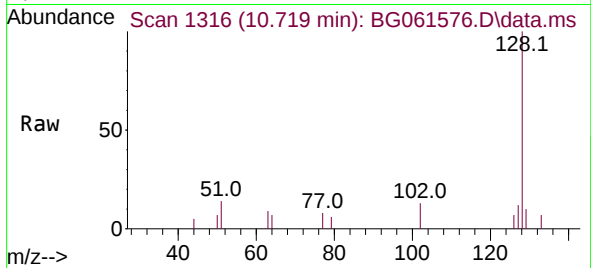
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.001 ng/ul
RT: 10.719 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22

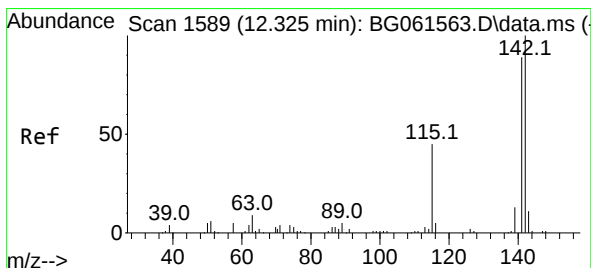
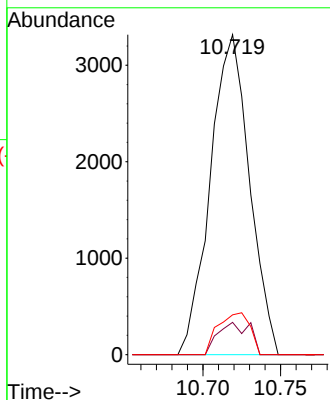
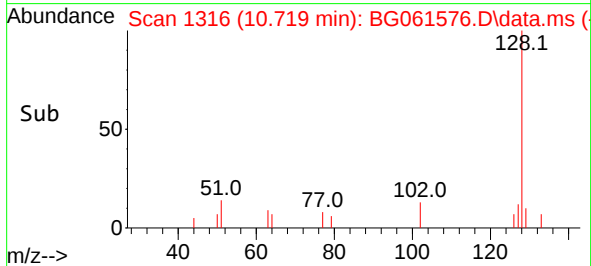
Instrument :
BNA_G
ClientSampleId :
BHBS9



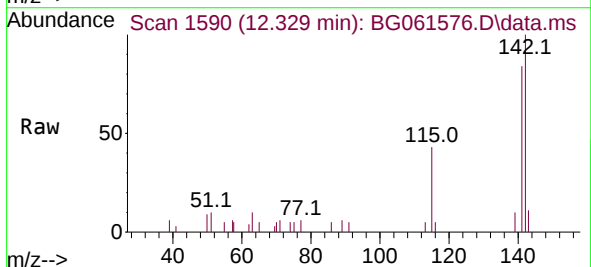
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Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.4 10.8 16.2

Manual Integrations
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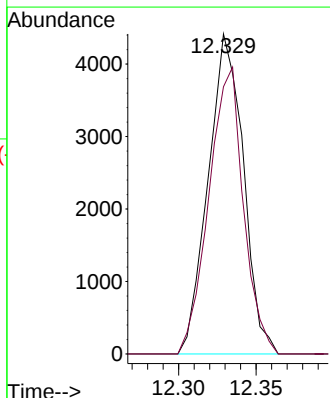
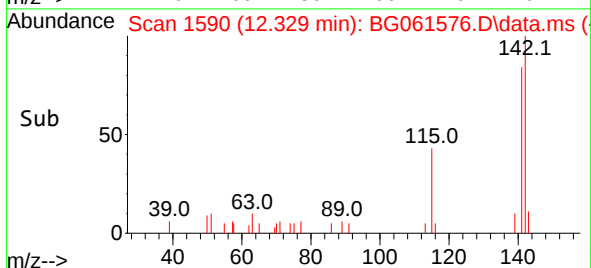
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

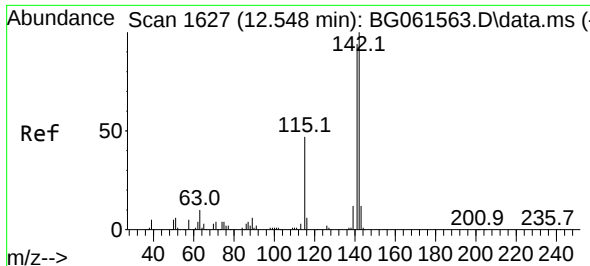


#36
2-Methylnaphthalene
Concen: 1.653 ng/ul
RT: 12.329 min Scan# 1590
Delta R.T. -0.001 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22



Tgt Ion:142 Resp: 6964
Ion Ratio Lower Upper
142 100
141 83.5 72.2 108.2





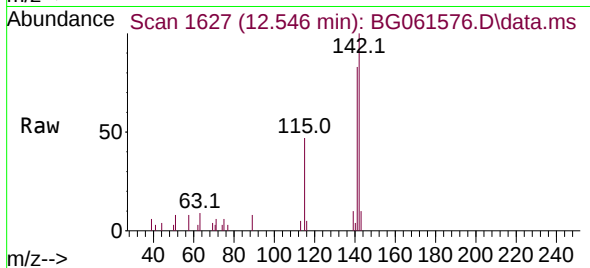
#37
1-Methylnaphthalene
Concen: 1.789 ng/ul
RT: 12.546 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22

Instrument :

BNA_G

ClientSampleId :

BHBS9



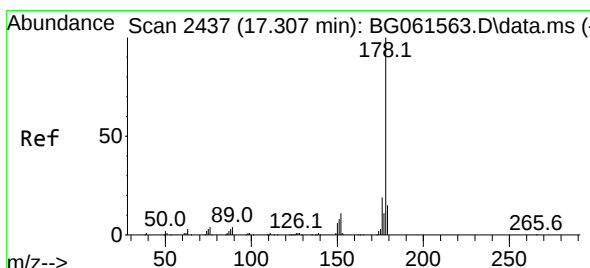
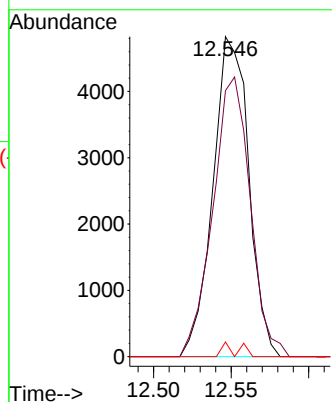
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Ion Ratio Lower Upper
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141 83.2 75.5 113.3
116 4.6 4.0 6.0

Manual Integrations

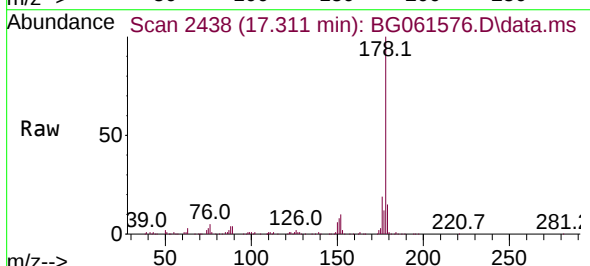
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Reviewed By :Yogesh Patel 06/10/2024

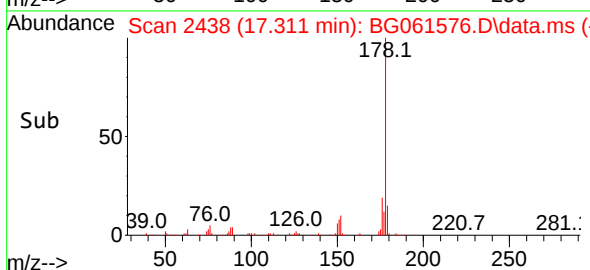
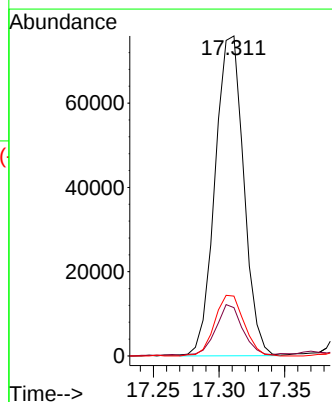
Supervised By :mohammad ahmed 06/10/2024

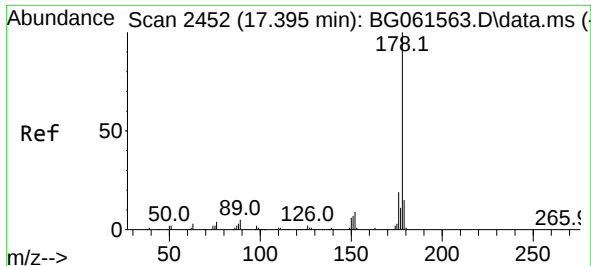


#72
Phenanthrene
Concen: 12.383 ng/ul
RT: 17.311 min Scan# 2438
Delta R.T. 0.005 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22



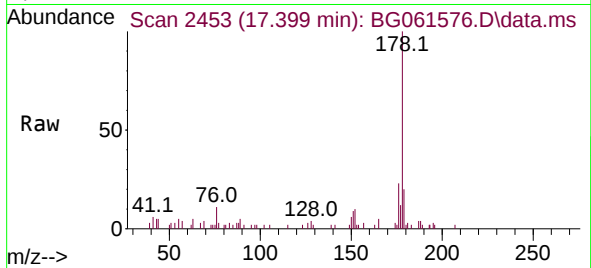
Tgt Ion:178 Resp: 114908
Ion Ratio Lower Upper
178 100
179 15.1 12.7 19.1
176 18.7 15.5 23.3





#74
 Anthracene
 Concen: 1.579 ng/ul m
 RT: 17.399 min Scan# 2452
 Delta R.T. 0.005 min
 Lab File: BG061576.D
 Acq: 8 Jun 2024 22:22

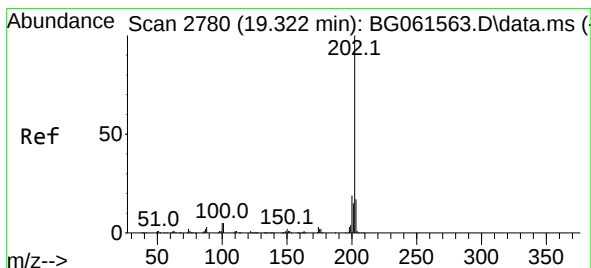
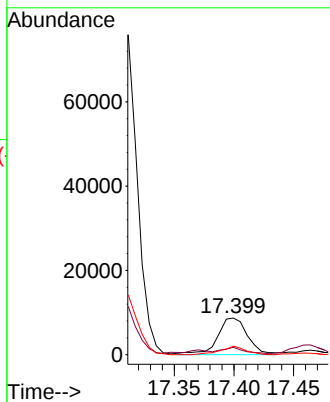
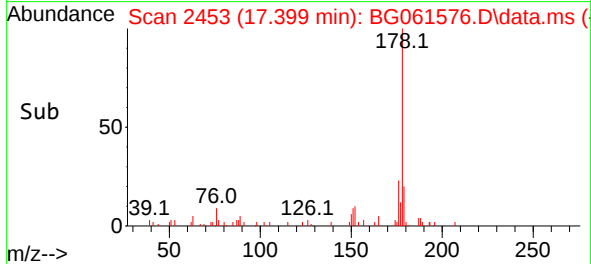
Instrument :
 BNA_G
 ClientSampleId :
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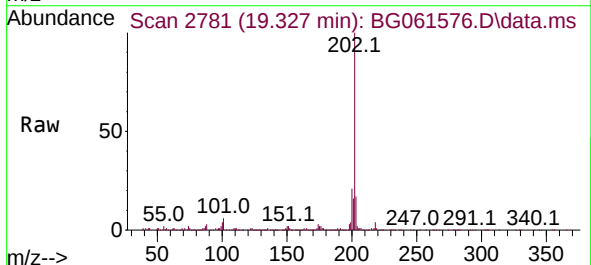
Tgt Ion:178 Resp: 15154
 Ion Ratio Lower Upper
 178 100
 179 20.3 11.8 17.6
 176 23.0 14.9 22.3

Manual Integrations
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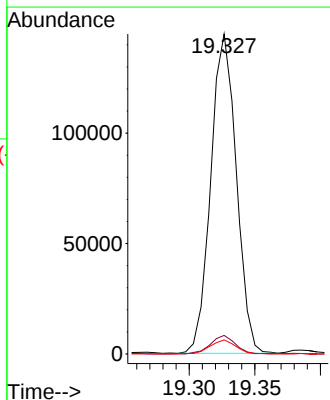
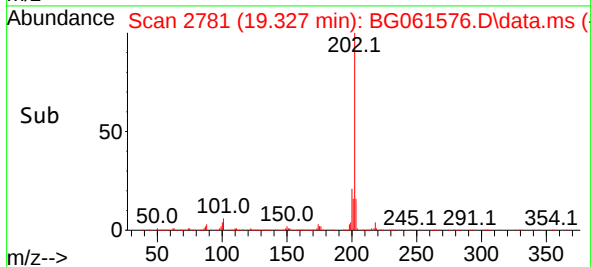
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

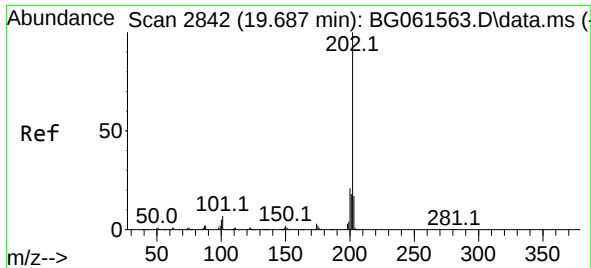


#80
 Fluoranthene
 Concen: 15.143 ng/ul
 RT: 19.327 min Scan# 2781
 Delta R.T. 0.005 min
 Lab File: BG061576.D
 Acq: 8 Jun 2024 22:22



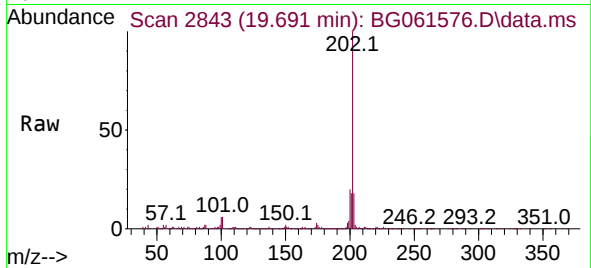
Tgt Ion:202 Resp: 195697
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.8 7.2
 100 4.4 4.1 6.1





#82
 Pyrene
 Concen: 13.799 ng/ul
 RT: 19.691 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG061576.D
 Acq: 8 Jun 2024 22:22

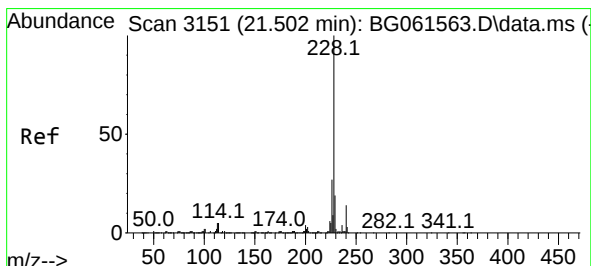
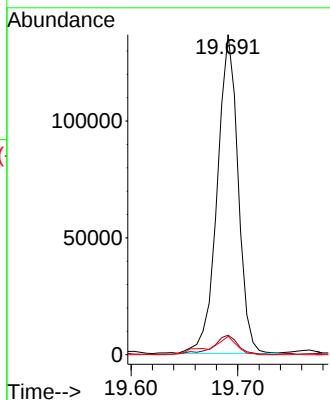
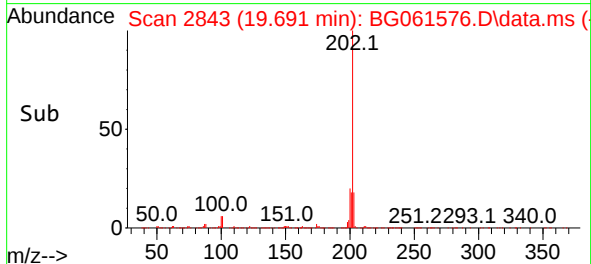
Instrument :
 BNA_G
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Tgt Ion:202 Resp: 18511
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.7 8.5
 100 5.7 5.1 7.7

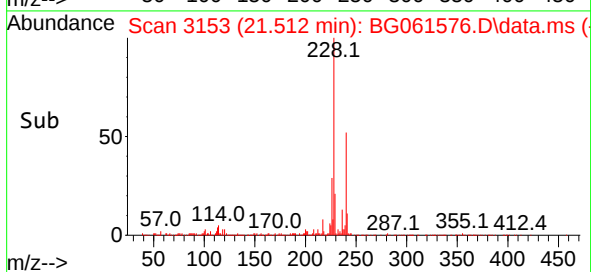
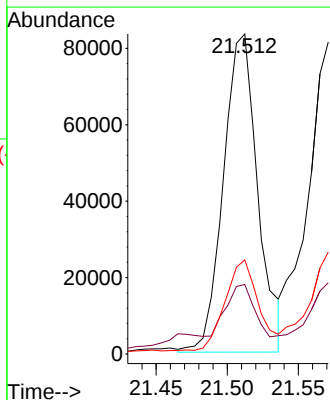
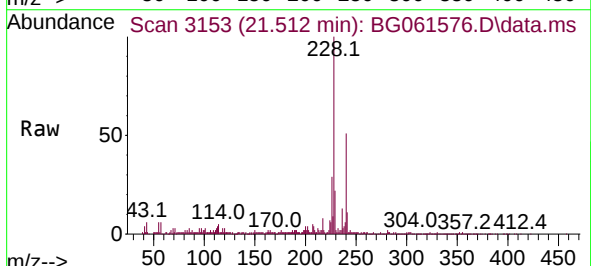
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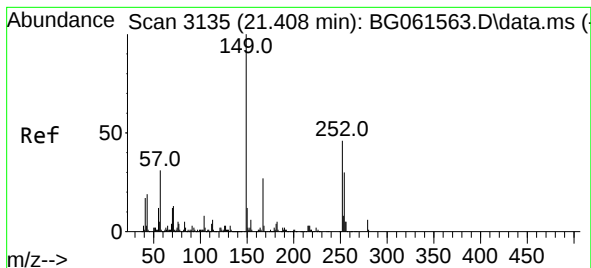
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#85
 Benzo(a)anthracene
 Concen: 9.686 ng/ul
 RT: 21.512 min Scan# 3153
 Delta R.T. 0.011 min
 Lab File: BG061576.D
 Acq: 8 Jun 2024 22:22

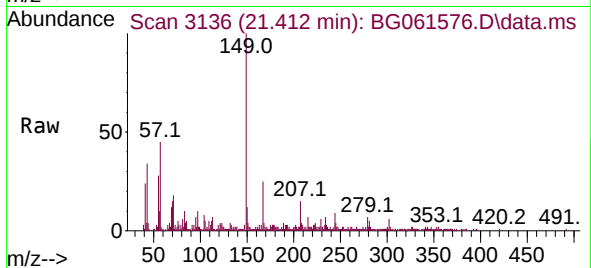
Tgt Ion:228 Resp: 140222
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.2 22.8
 226 29.4 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.969 ng/ul
RT: 21.412 min Scan# 3136
Delta R.T. 0.005 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22

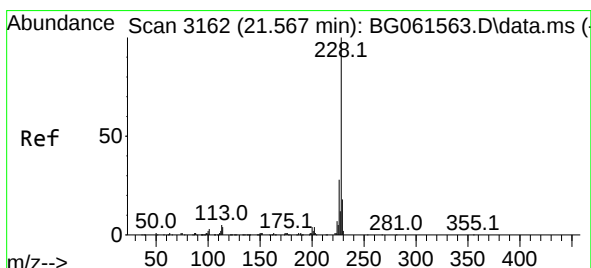
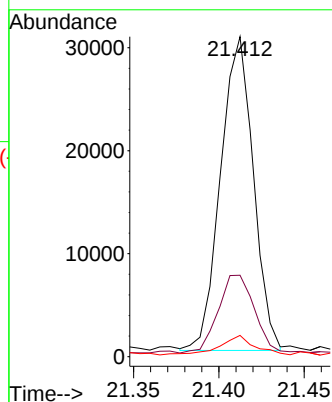
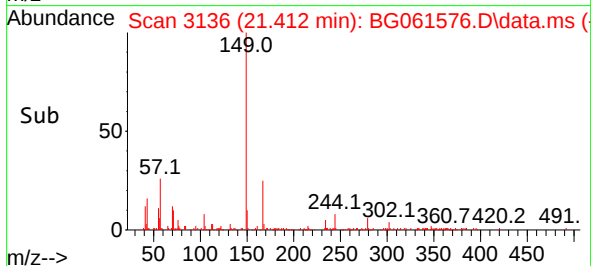
Instrument :
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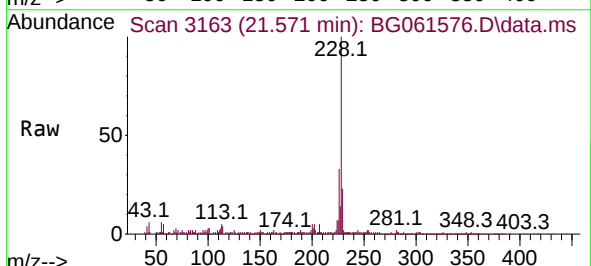
Tgt Ion:149 Resp: 40714
Ion Ratio Lower Upper
149 100
167 25.5 21.1 31.7
279 6.7 3.3 4.9

Manual Integrations
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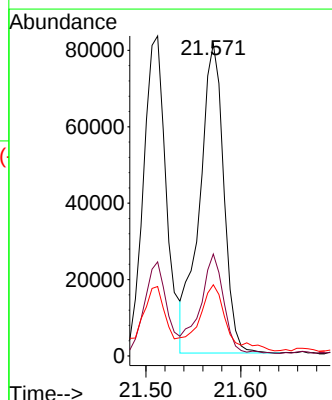
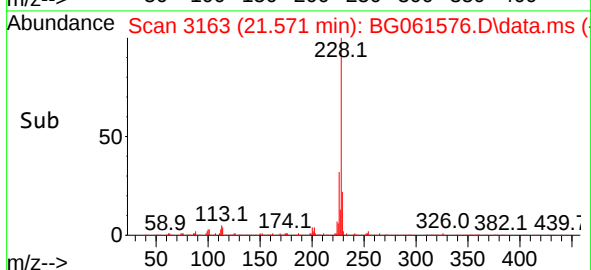
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

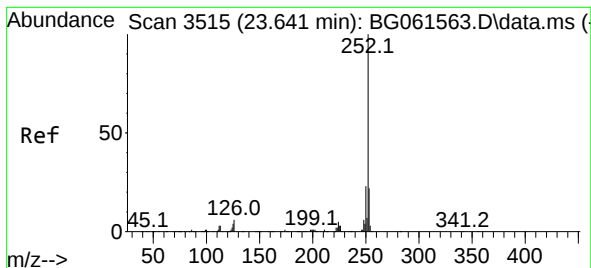


#87
Chrysene
Concen: 10.771 ng/ul
RT: 21.571 min Scan# 3163
Delta R.T. 0.005 min
Lab File: BG061576.D
Acq: 8 Jun 2024 22:22



Tgt Ion:228 Resp: 143582
Ion Ratio Lower Upper
228 100
226 32.7 23.4 35.0
229 22.8 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 12.803 ng/ul

RT: 23.657 min Scan# 3515

Delta R.T. 0.023 min

Lab File: BG061576.D

Acq: 8 Jun 2024 22:22

Instrument :

BNA_G

ClientSampleId :

BHBS9

Tgt Ion:252 Resp: 16981

Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.8

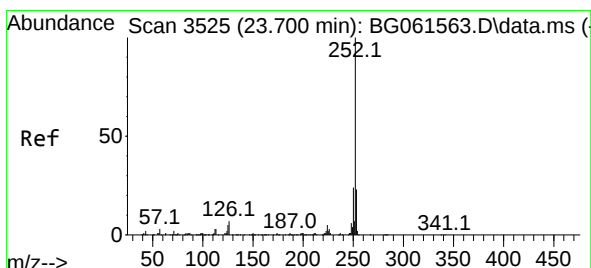
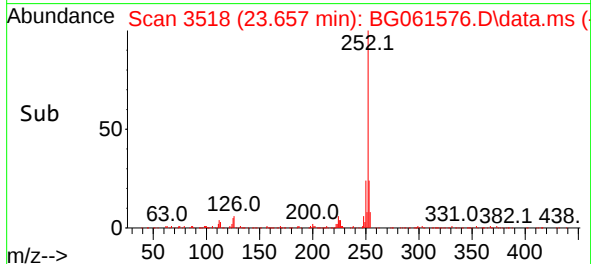
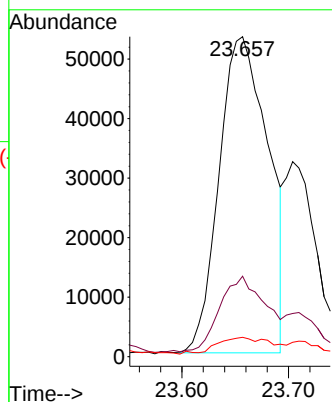
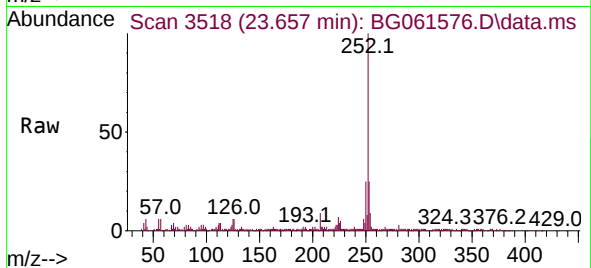
125 6.1 4.6 6.8

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#91

Benzo(k)fluoranthene

Concen: 4.932 ng/ul m

RT: 23.704 min Scan# 3526

Delta R.T. 0.005 min

Lab File: BG061576.D

Acq: 8 Jun 2024 22:22

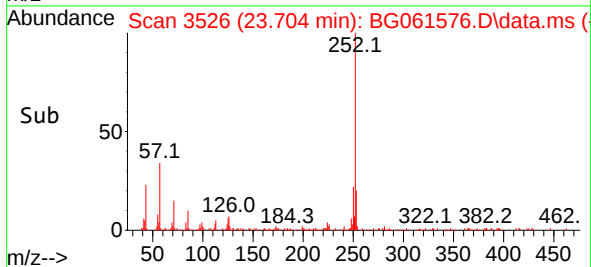
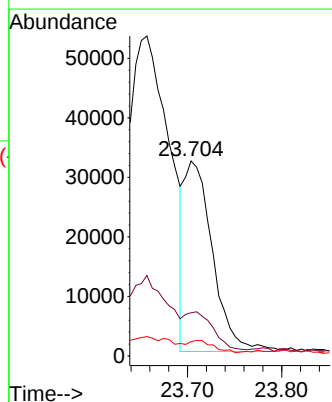
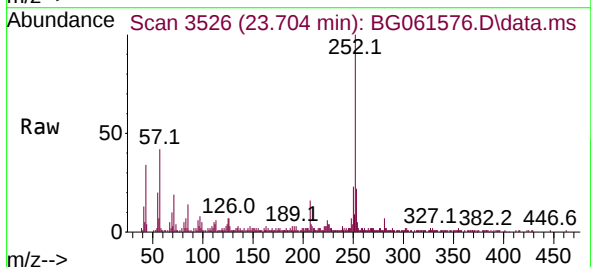
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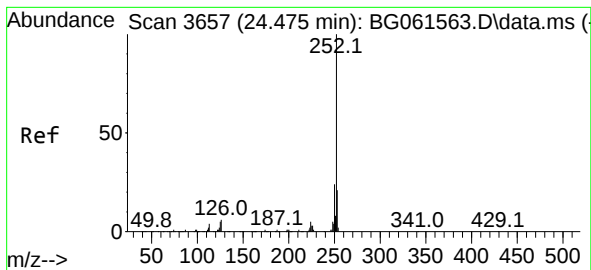
Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

125 7.4 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 5.906 ng/ul

RT: 24.485 min Scan# 3657

Delta R.T. 0.017 min

Lab File: BG061576.D

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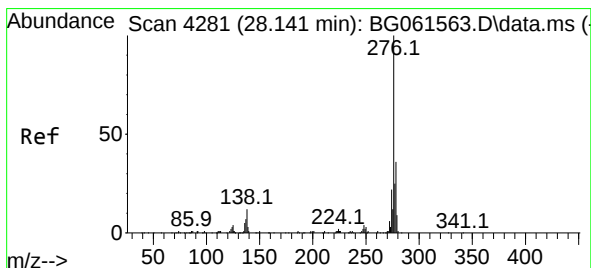
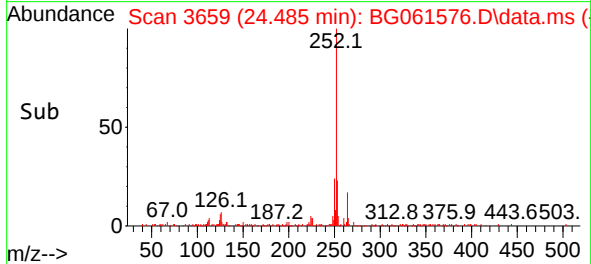
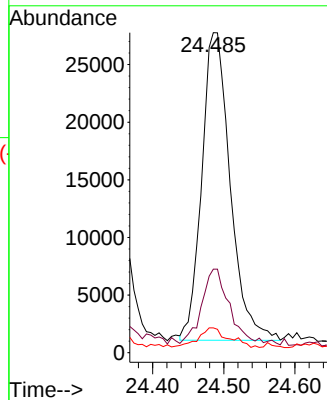
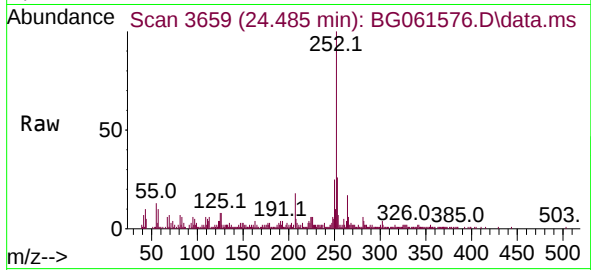
Tgt Ion:	252	Resp:	7438
Ion Ratio	Lower	Upper	
252	100		
253	26.1	16.4	24.6
125	7.7	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.140 ng/ul m

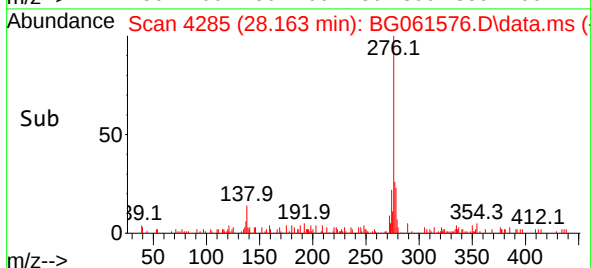
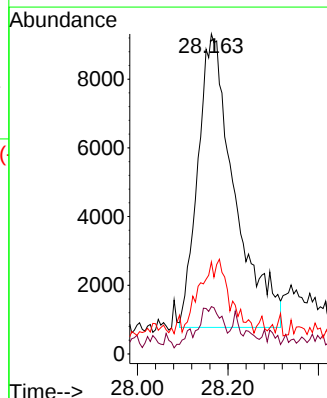
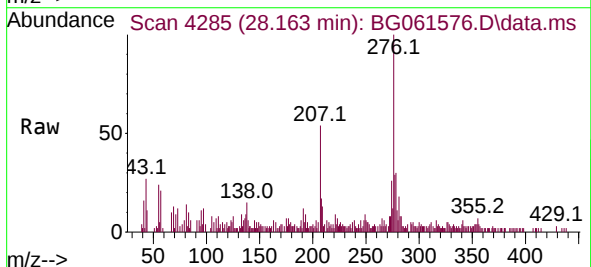
RT: 28.163 min Scan# 4285

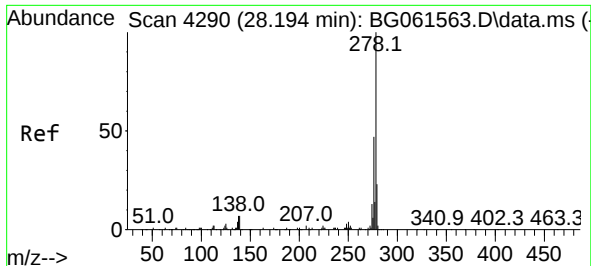
Delta R.T. 0.028 min

Lab File: BG061576.D

Acq: 8 Jun 2024 22:22

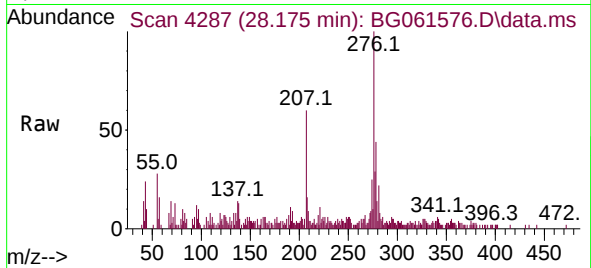
Tgt Ion:	276	Resp:	47830
Ion Ratio	Lower	Upper	
276	100		
138	14.8	8.6	13.0
277	28.7	19.7	29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.539 ng/ul m
 RT: 28.175 min Scan# 4290
 Delta R.T. 0.005 min
 Lab File: BG061576.D
 Acq: 8 Jun 2024 22:22

Instrument :
 BNA_G
 ClientSampleId :
 BHBS9



Tgt Ion:	278	Resp:	1933
Ion Ratio	Lower	Upper	
278	100		
139	10.2	6.4	9.6
279	31.4	19.9	29.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

