

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061535.D
 Acq On : 7 Jun 2024 16:11
 Operator : MA/JU
 Sample : P2634-18DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB2DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Supervised By :mohammad
 ahmed
 06/10/2024

Quant Time: Jun 07 22:45:38 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	7.876	152	26828	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	109705	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	83438	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	191840	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	205739	20.000	ng/u1	# 0.01
88) Perylene-d12	24.639	264	238710	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	297	0.620	ng/uL	-0.03
4) Pyridine-d5	3.740	84	3417m	2.004	ng/u1	-0.03
7) Phenol-d5	7.060	99	9823	4.459	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	5670	4.095	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	8074	4.952	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	8870	4.722	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	4340	5.138	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	4830	4.886	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	10351	5.371	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	3230	1.281	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	34441	5.322	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	37230	5.534	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	2986m	3.732	ng/u1	0.02
60) Fluorene-d10	15.509	176	30117	5.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	2260	1.948	ng/u1	0.00
73) Anthracene-d10	17.365	188	50132	5.927	ng/u1	0.00
81) Pyrene-d10	19.662	212	56566	5.355	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.427	264	50668	4.415	ng/u1	0.03
Target Compounds						
					Qvalue	
52) Acenaphthene	14.574	153	6162	1.259	ng/u1	93
72) Phenanthrene	17.312	178	149560	16.063	ng/u1	98
74) Anthracene	17.400	178	19397m	2.015	ng/u1	
77) Carbazole	17.677	167	12500	1.596	ng/u1	98
80) Fluoranthene	19.328	202	458788	36.203	ng/u1	99
82) Pyrene	19.692	202	370980	28.202	ng/u1	98
85) Benzo(a)anthracene	21.513	228	226297	15.941	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.419	149	20712	3.096	ng/u1	94
87) Chrysene	21.572	228	245612	18.790	ng/u1	97
90) Benzo(b)fluoranthene	23.658	252	343131	24.143	ng/u1	99
91) Benzo(k)fluoranthene	23.711	252	109503m	7.589	ng/u1	
93) Benzo(a)pyrene	24.492	252	148857	11.030	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.164	276	127370	7.804	ng/u1	98
95) Dibenzo(a,h)anthracene	28.182	278	41881m	3.112	ng/u1	
96) Benzo(g,h,i)perylene	29.257	276	22061m	1.699	ng/u1	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061535.D
Acq On : 7 Jun 2024 16:11
Operator : MA/JU
Sample : P2634-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

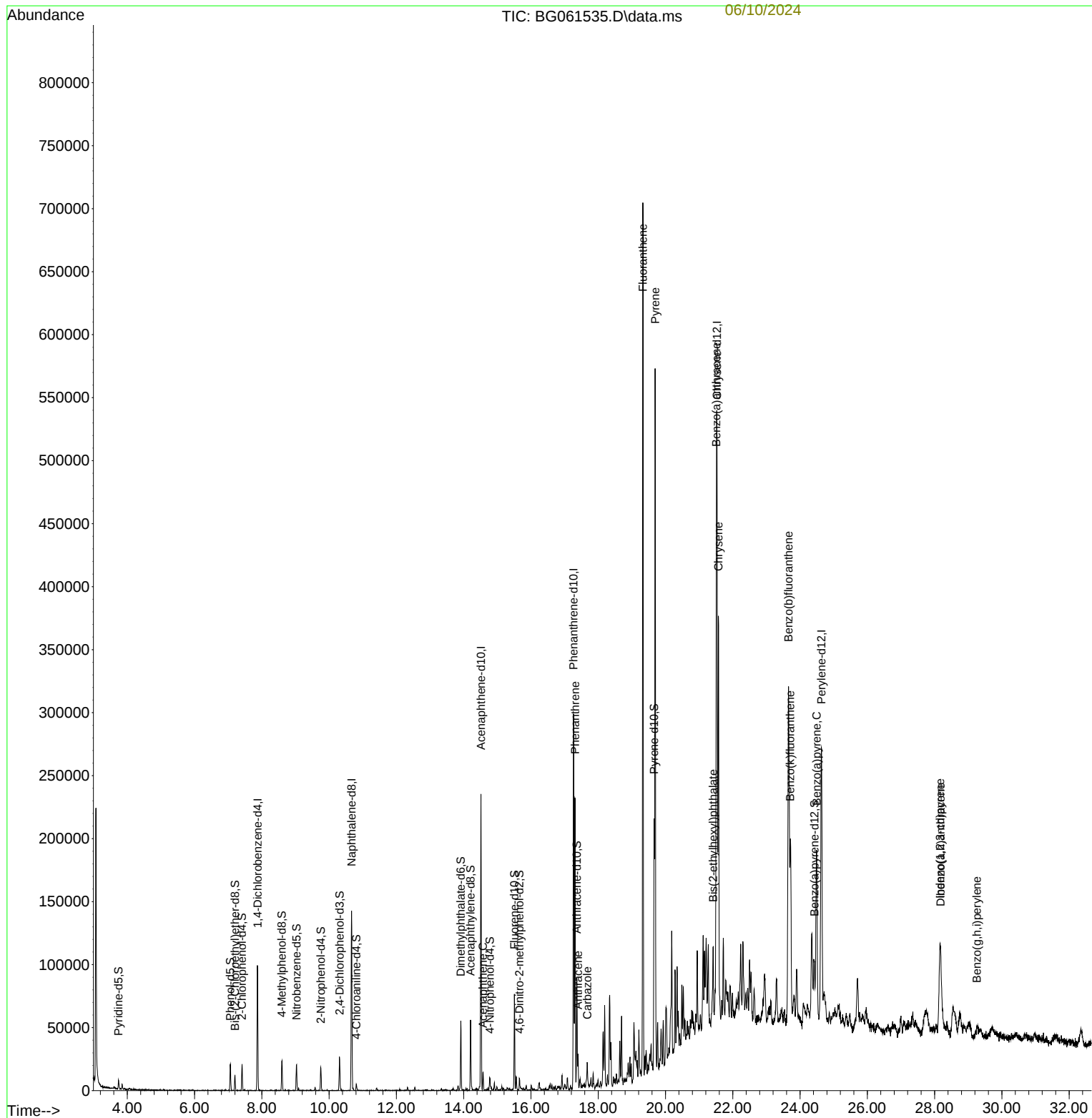
Instrument :
BNA_G
ClientSampleId :
BHBY2DL

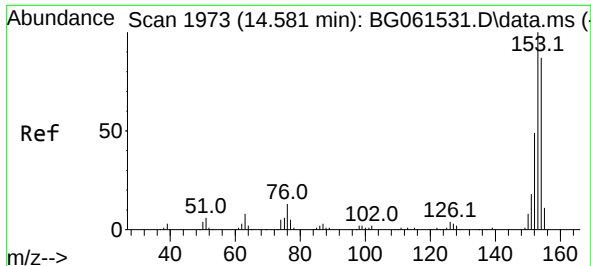
Quant Time: Jun 07 22:45:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/10/2024

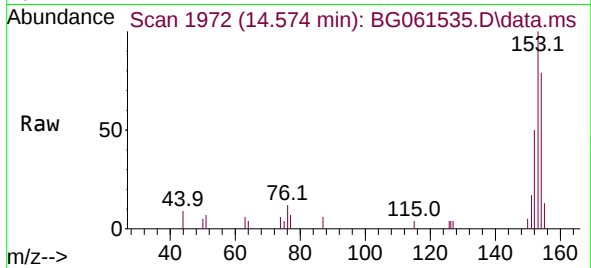
Supervised By :mohammad
ahmed
06/10/2024





#52
Acenaphthene
Concen: 1.259 ng/ul
RT: 14.574 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

Instrument :
BNA_G
ClientSampleId :
BHY2DL

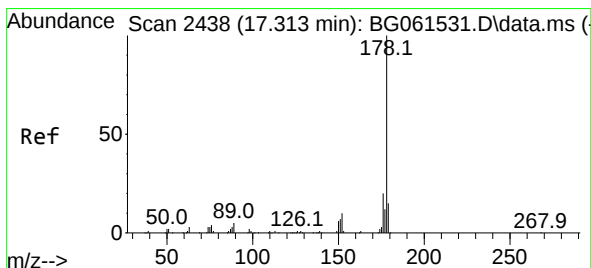
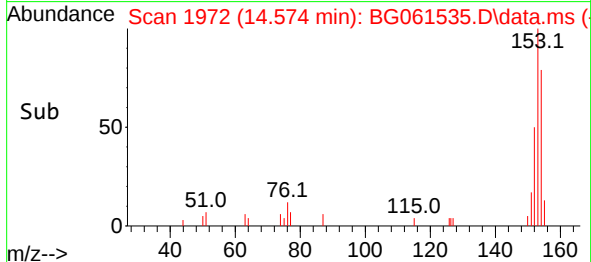
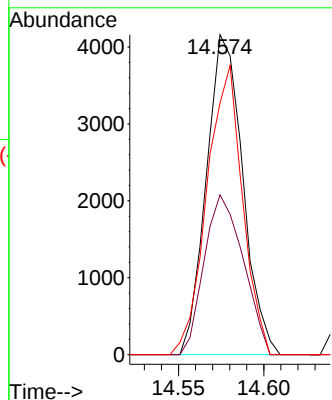


Tgt Ion:153 Resp: 616
Ion Ratio Lower Upper
153 100
152 50.0 37.8 56.8
154 78.6 69.0 103.6

Manual Integrations
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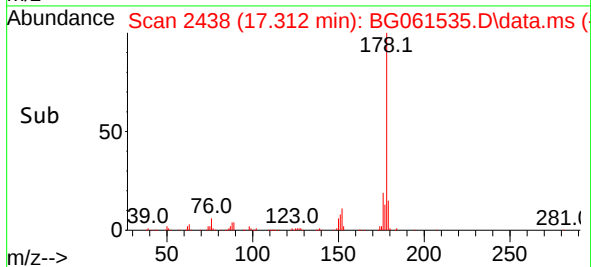
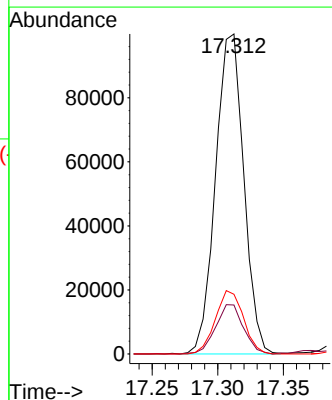
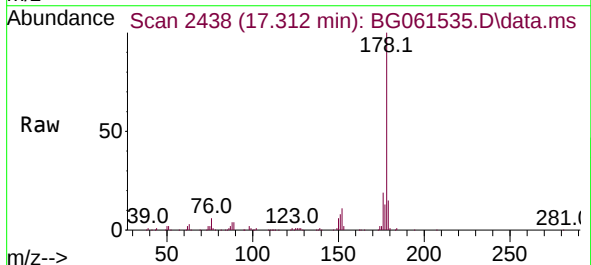
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

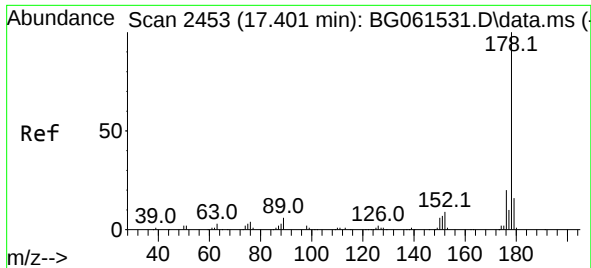
Supervised By :mohammad
ahmed
06/10/2024



#72
Phenanthrene
Concen: 16.063 ng/ul
RT: 17.312 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

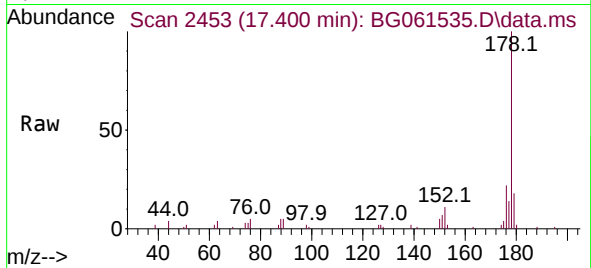
Tgt Ion:178 Resp: 149560
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 18.7 15.5 23.3





#74
 Anthracene
 Concen: 2.015 ng/ul m
 RT: 17.400 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BG061535.D
 Acq: 7 Jun 2024 16:11

Instrument :
 BNA_G
 ClientSampleId :
 BHB2DL

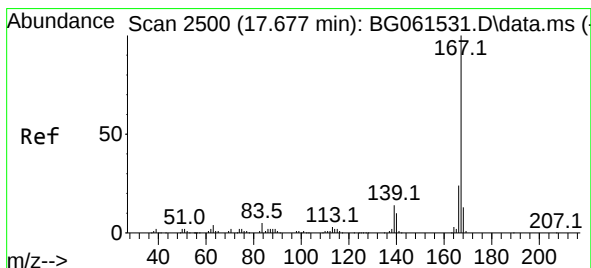
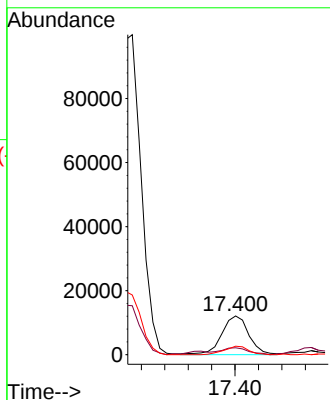
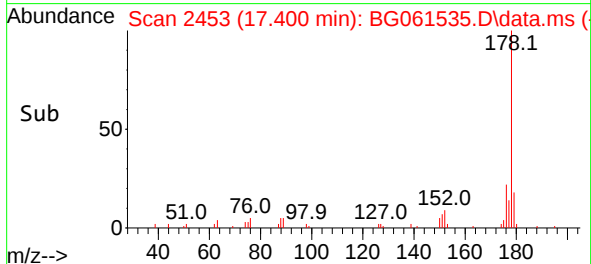


Tgt Ion:178 Resp: 1939
 Ion Ratio Lower Upper
 178 100
 179 17.8 11.8 17.6
 176 22.1 14.9 22.3

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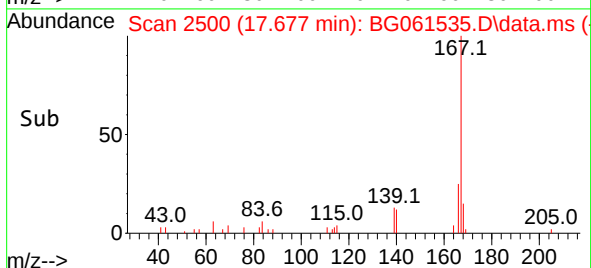
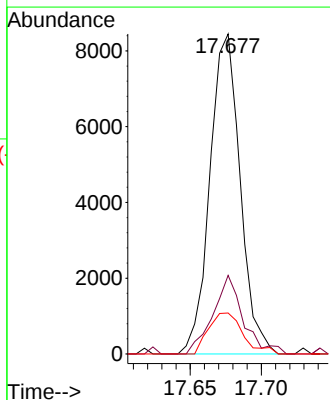
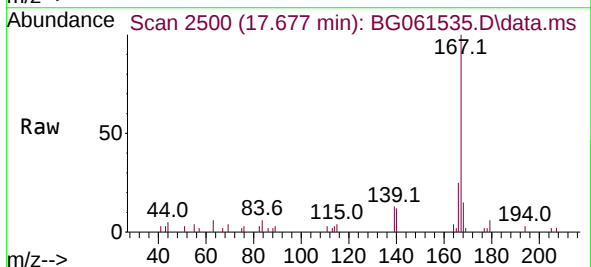
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

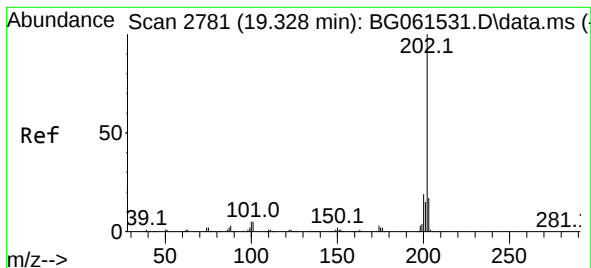
Supervised By :mohammad
 ahmed
 06/10/2024



#77
 Carbazole
 Concen: 1.596 ng/ul
 RT: 17.677 min Scan# 2500
 Delta R.T. 0.006 min
 Lab File: BG061535.D
 Acq: 7 Jun 2024 16:11

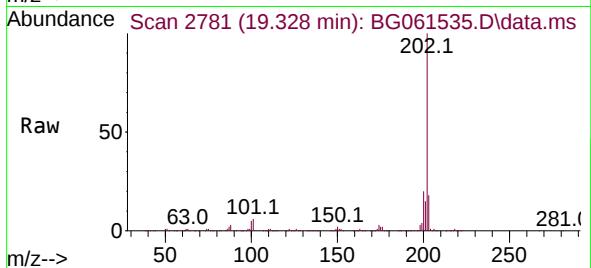
Tgt Ion:167 Resp: 12500
 Ion Ratio Lower Upper
 167 100
 166 24.5 18.6 28.0
 139 12.8 10.6 15.8





#80
Fluoranthene
Concen: 36.203 ng/u1
RT: 19.328 min Scan# 2781
Delta R.T. 0.006 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

Instrument :
BNA_G
ClientSampleId :
BHY2DL

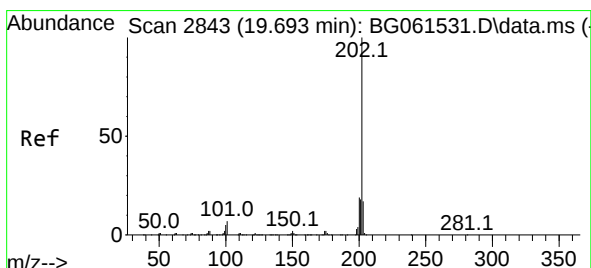
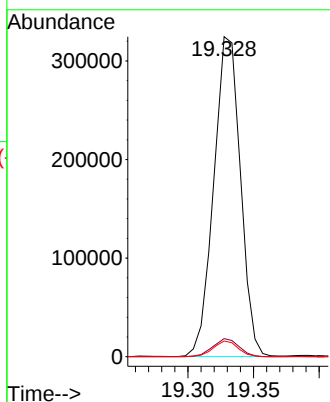
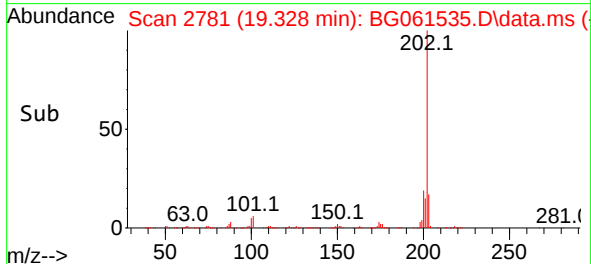


Tgt Ion:202 Resp: 458788
Ion Ratio Lower Upper
202 100
101 5.7 4.8 7.2
100 4.9 4.1 6.1

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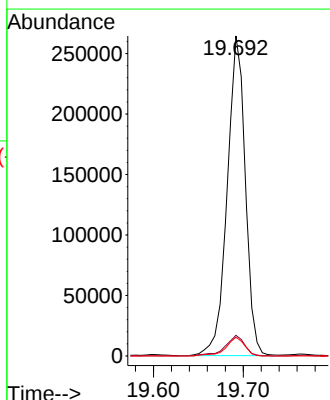
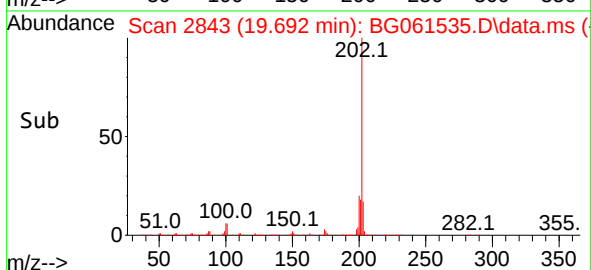
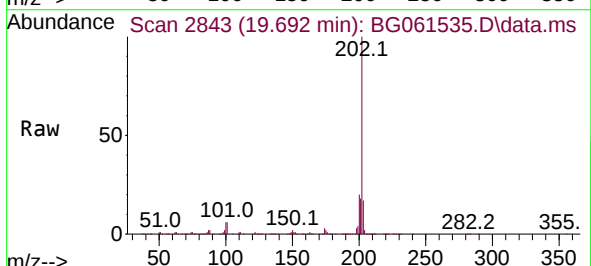
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

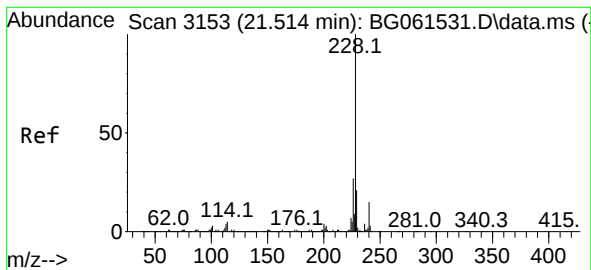
Supervised By :mohammad
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06/10/2024



#82
Pyrene
Concen: 28.202 ng/u1
RT: 19.692 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

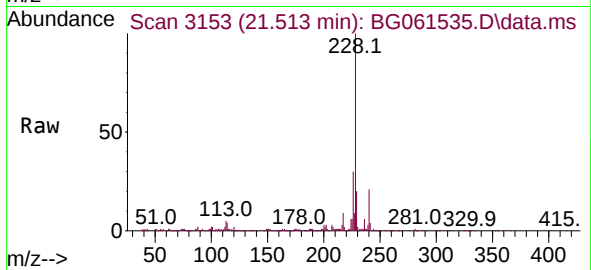
Tgt Ion:202 Resp: 370980
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.9 5.1 7.7





#85
Benzo(a)anthracene
Concen: 15.941 ng/ul
RT: 21.513 min Scan# 3153
Delta R.T. 0.012 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

Instrument :
BNA_G
ClientSampleId :
BHY2DL

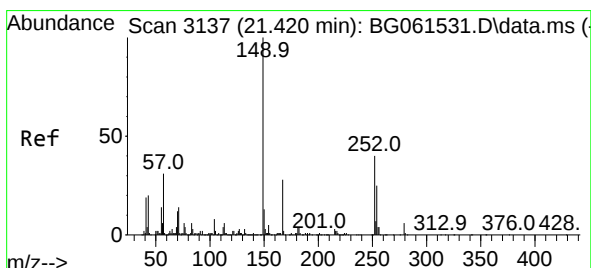
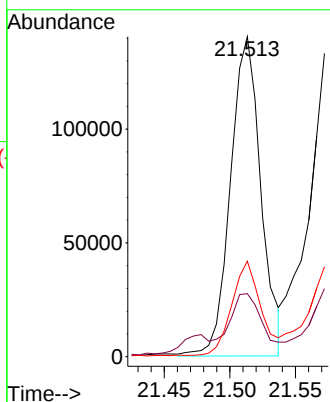
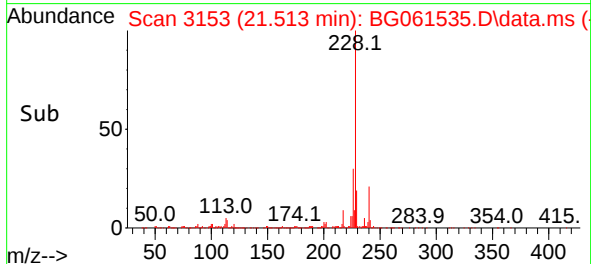


Tgt Ion:228 Resp: 22629
Ion Ratio Lower Upper
228 100
229 19.7 15.2 22.8
226 29.8 21.4 32.2

Manual Integrations
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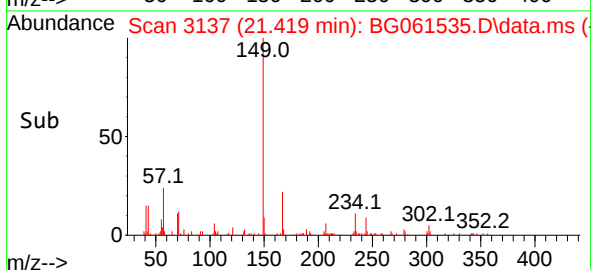
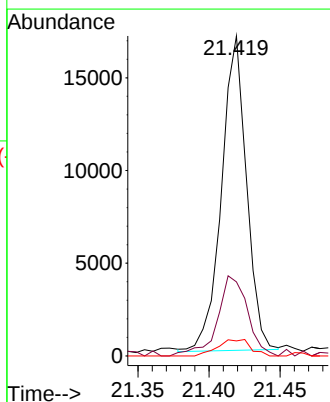
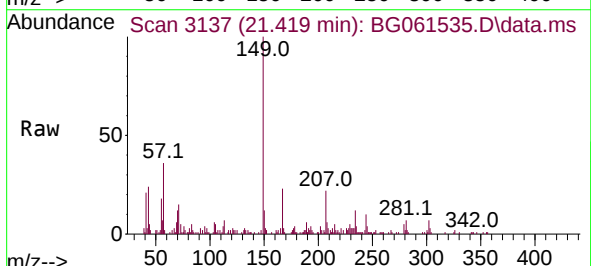
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

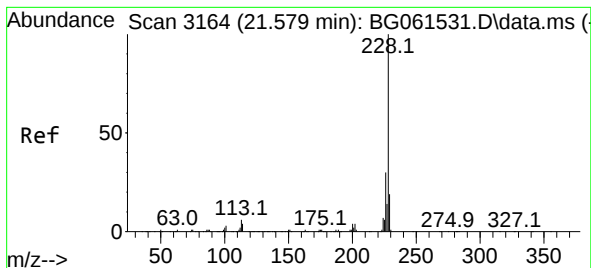
Supervised By :mohammad
ahmed
06/10/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.096 ng/ul
RT: 21.419 min Scan# 3137
Delta R.T. 0.012 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

Tgt Ion:149 Resp: 20712
Ion Ratio Lower Upper
149 100
167 23.1 21.1 31.7
279 4.7 3.3 4.9





#87

Chrysene

Concen: 18.790 ng/ul

RT: 21.572 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

Instrument :

BNA_G

ClientSampleId :

BHBY2DL

Tgt Ion:	228	Resp:	24561
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	22.4	15.4	23.2

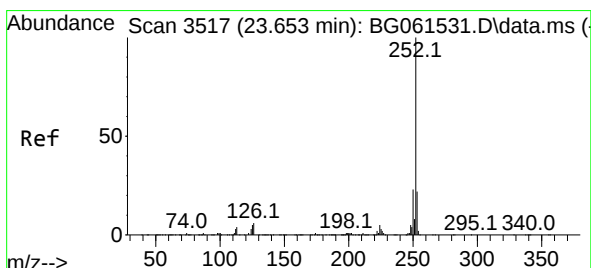
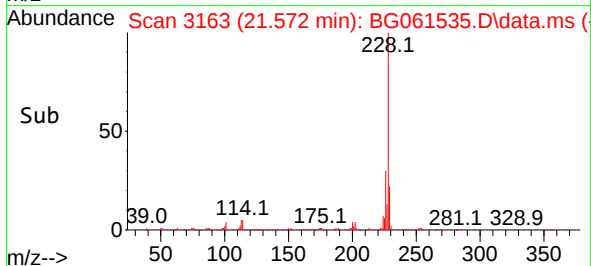
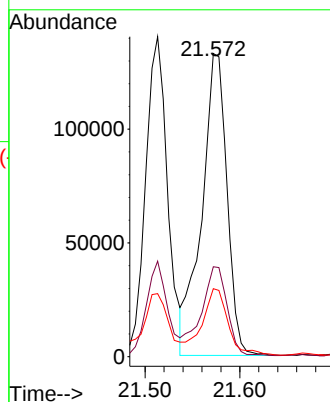
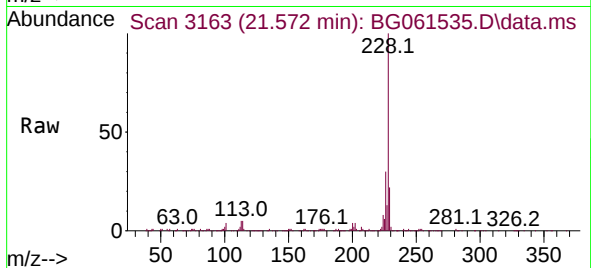
Manual Integrations

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Supervised By :mohammad
ahmed
06/10/2024



#90

Benzo(b)fluoranthene

Concen: 24.143 ng/ul

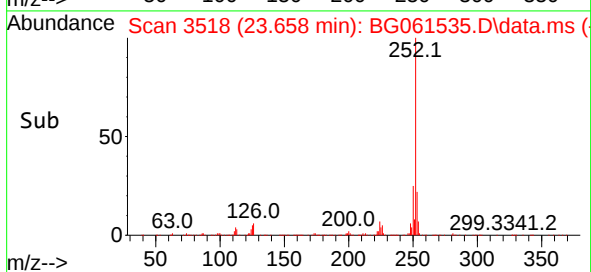
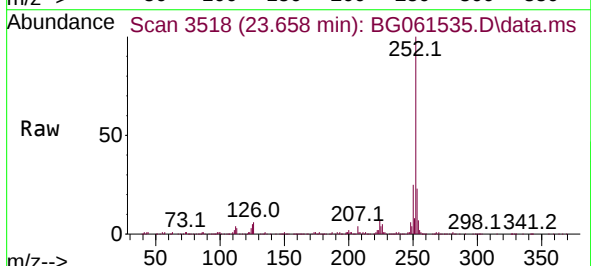
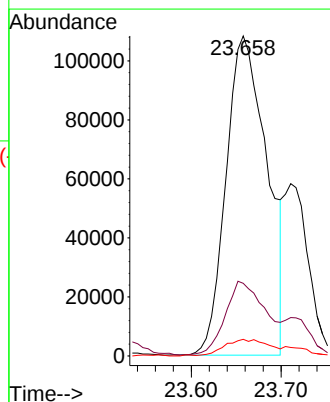
RT: 23.658 min Scan# 3518

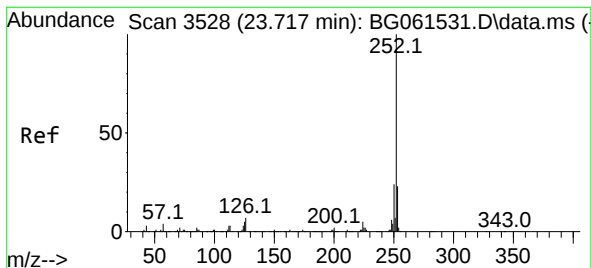
Delta R.T. 0.024 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

Tgt Ion:	252	Resp:	343131
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	5.2	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 7.589 ng/ul m

RT: 23.711 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

Instrument :

BNA_G

ClientSampleId :

BHBY2DL

Tgt Ion:252 Resp: 10950

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

125 4.9 4.3 6.5

Manual Integrations

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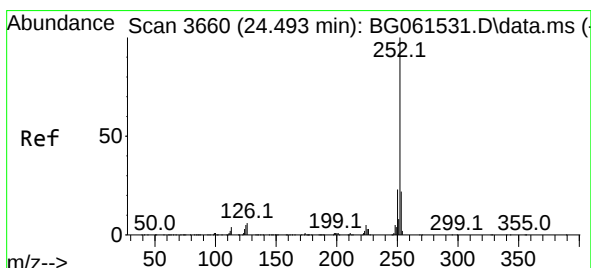
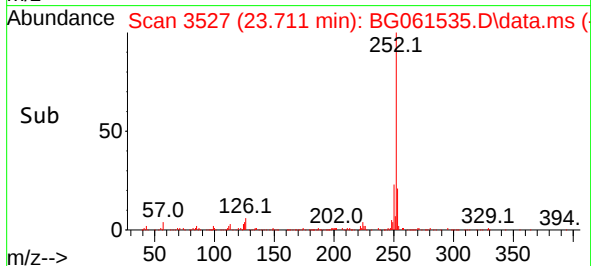
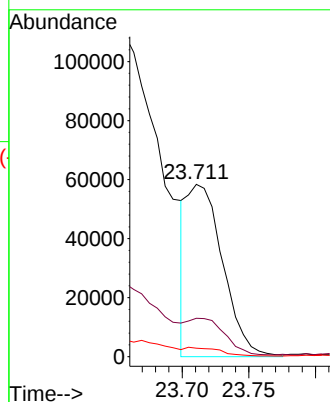
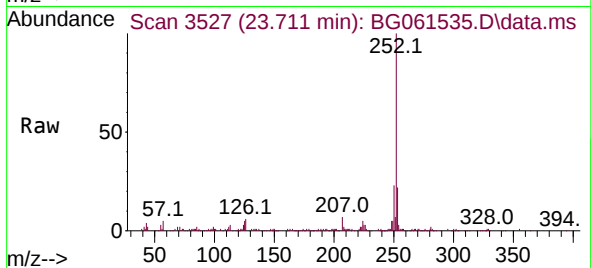
Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

Supervised By :mohammad

ahmed

06/10/2024



#93

Benzo(a)pyrene

Concen: 11.030 ng/ul

RT: 24.492 min Scan# 3660

Delta R.T. 0.024 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

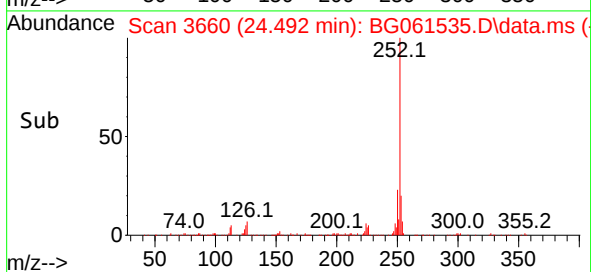
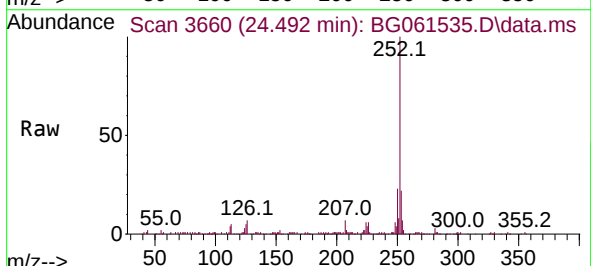
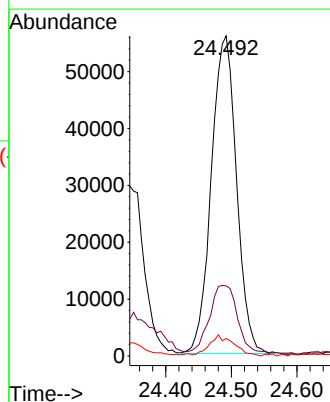
Tgt Ion:252 Resp: 148857

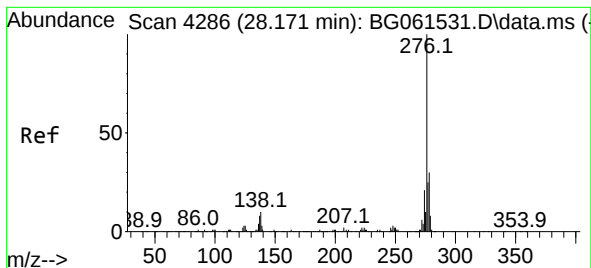
Ion Ratio Lower Upper

252 100

253 21.9 16.4 24.6

125 5.4 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.804 ng/ul

RT: 28.164 min Scan# 41

Delta R.T. 0.029 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

Instrument :

BNA_G

ClientSampleId :

BHBY2DL

Tgt Ion:276 Resp: 127370

Ion Ratio Lower Upper

276 100

138 12.9 8.6 13.0

277 24.7 19.7 29.5

Manual Integrations

APPROVED

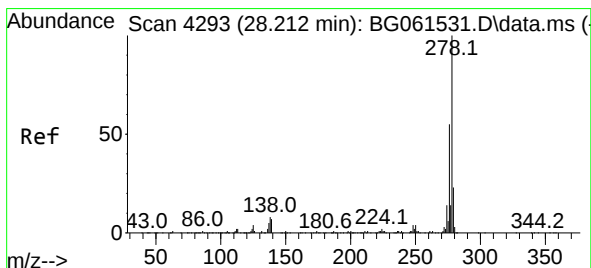
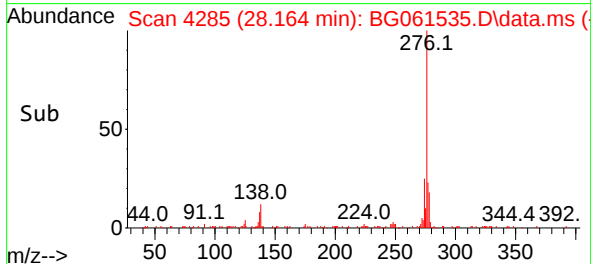
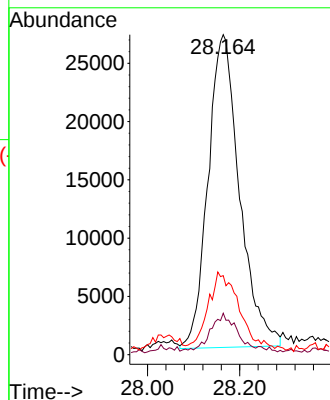
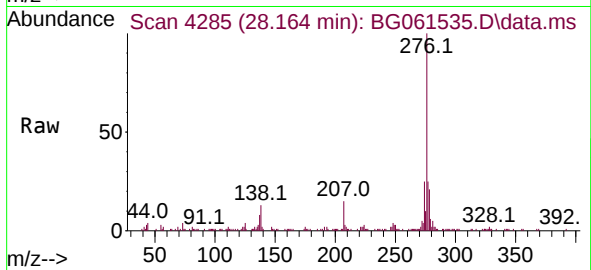
Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

Supervised By :mohammad

ahmed

06/10/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.112 ng/ul m

RT: 28.182 min Scan# 4288

Delta R.T. 0.012 min

Lab File: BG061535.D

Acq: 7 Jun 2024 16:11

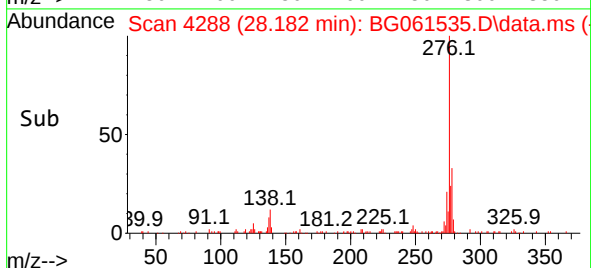
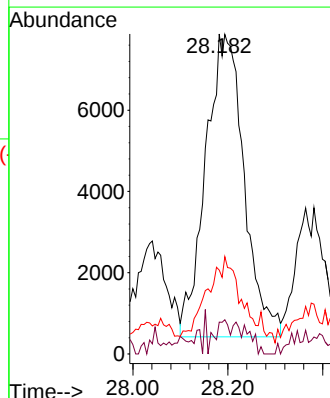
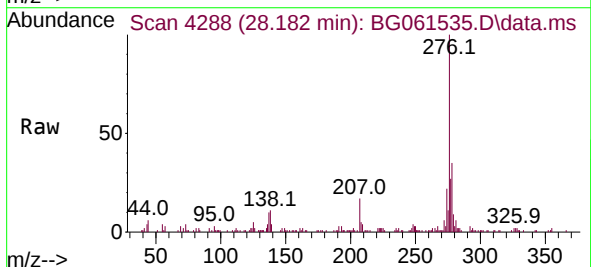
Tgt Ion:278 Resp: 41881

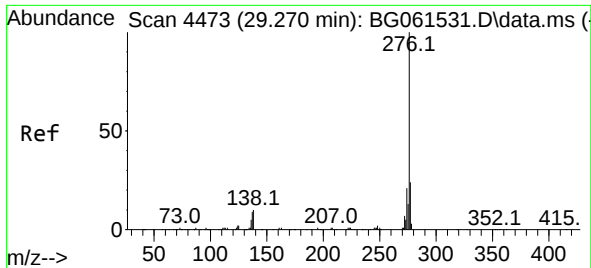
Ion Ratio Lower Upper

278 100

139 10.0 6.4 9.6#

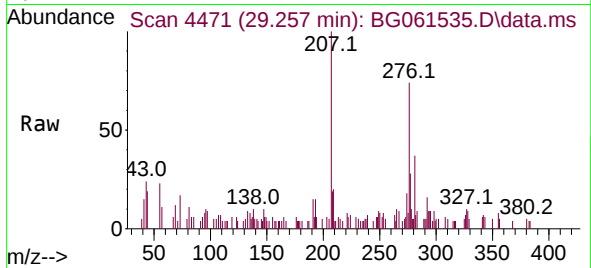
279 26.2 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 1.699 ng/ul m
RT: 29.257 min Scan# 4471
Delta R.T. 0.035 min
Lab File: BG061535.D
Acq: 7 Jun 2024 16:11

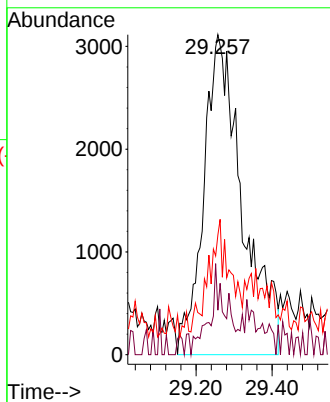
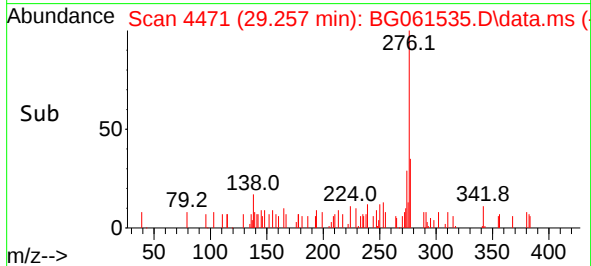
Instrument :
BNA_G
ClientSampleId :
BHBV2DL



Tgt Ion:276 Resp: 2206
Ion Ratio Lower Upper
276 100
138 13.9 8.7 13.1
277 37.4 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



Supervised By :mohammad
ahmed
06/10/2024