

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061469.D
 Acq On : 5 Jun 2024 00:28
 Operator : MA/JU
 Sample : P2590-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 01:02:52 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	7.877	152	33741	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	132441	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	91791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	206082	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	231457	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	266494	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2236	3.709	ng/uL	0.00
4) Pyridine-d5	3.741	84	13679	6.377	ng/u1	0.00
7) Phenol-d5	7.066	99	60993	22.013	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	40019	22.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	47698	23.260	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	51008	21.589	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	27479	26.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	32520	27.250	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	63327	27.219	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	21445	7.045	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	206577	29.017	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	210850	28.488	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	20454m	23.239	ng/u1	0.02
60) Fluorene-d10	15.509	176	180193	29.317	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28981	23.251	ng/u1	0.01
73) Anthracene-d10	17.360	188	281391	30.971	ng/u1	0.00
81) Pyrene-d10	19.657	212	385448	32.433	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.405	264	458401	35.779	ng/u1	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.013	77	1576	1.088	ng/u1#	87
72) Phenanthrene	17.307	178	160038	16.000	ng/u1	98
74) Anthracene	17.395	178	22018m	2.129	ng/u1	
77) Carbazole	17.671	167	13235	1.573	ng/u1	98
80) Fluoranthene	19.322	202	495117	34.729	ng/u1	100
82) Pyrene	19.687	202	470621	31.802	ng/u1	99
83) Butylbenzylphthalate	20.574	149	23129	4.550	ng/u1#	94
85) Benzo(a)anthracene	21.502	228	294488	18.439	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.408	149	109232	14.516	ng/u1#	99
87) Chrysene	21.567	228	327214	22.251	ng/u1	98
90) Benzo(b)fluoranthene	23.641	252	453875	28.605	ng/u1	100
91) Benzo(k)fluoranthene	23.694	252	159449	9.899	ng/u1	95
93) Benzo(a)pyrene	24.469	252	311714	20.689	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.136	276	224121	12.301	ng/u1#	94
95) Dibenzo(a,h)anthracene	28.147	278	58283m	3.879	ng/u1	
96) Benzo(g,h,i)perylene	29.217	276	205983m	14.211	ng/u1	

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

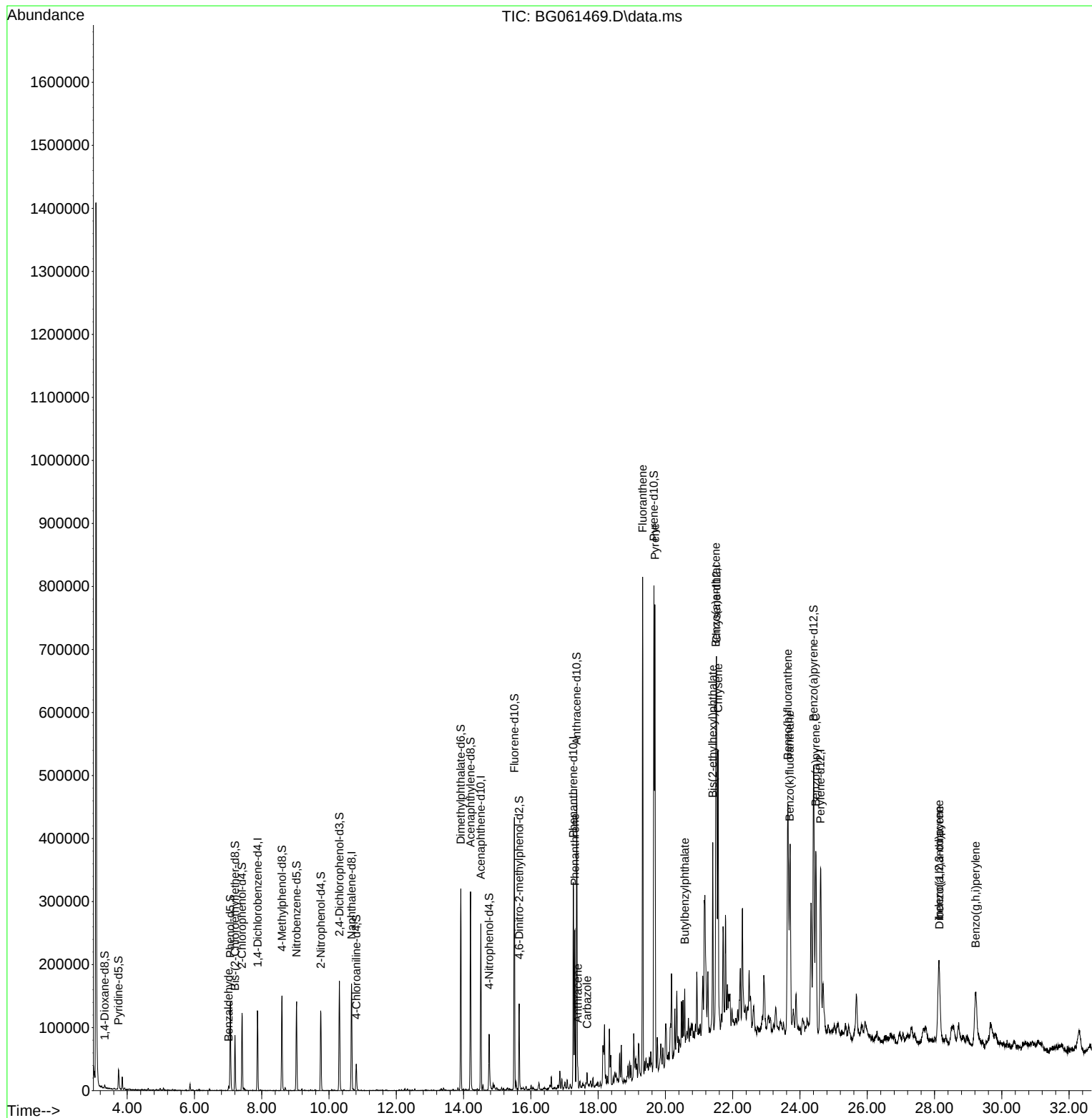
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061469.D
Acq On : 5 Jun 2024 00:28
Operator : MA/JU
Sample : P2590-19
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ALS Vial : 11 Sample Multiplier: 1

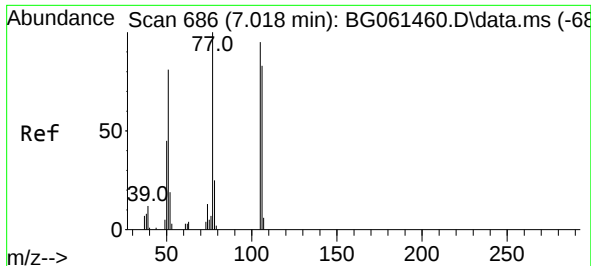
Instrument :
BNA_G
ClientSampleId :
BHBM3

Quant Time: Jun 05 01:02:52 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

Manual Integrations
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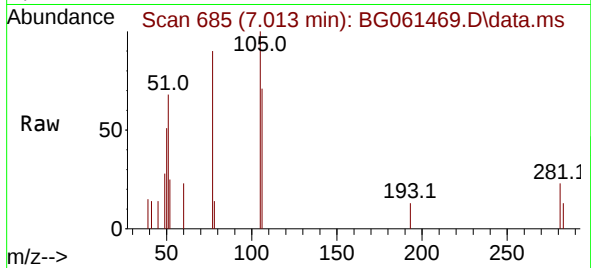
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024





#6
Benzaldehyde
Concen: 1.088 ng/ul
RT: 7.013 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

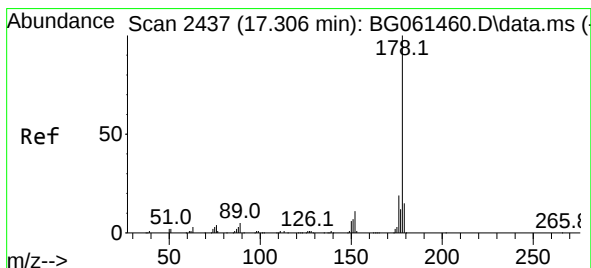
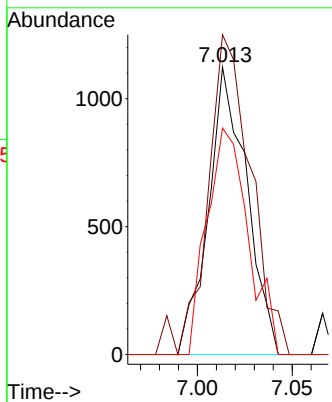
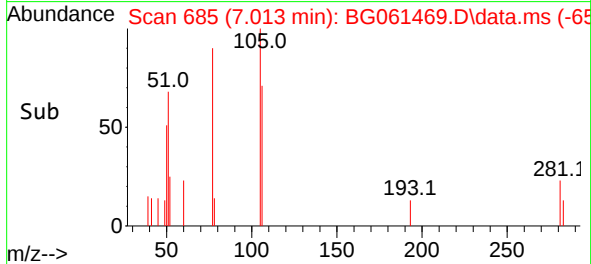
Instrument :
BNA_G
ClientSampleId :
BHBM3



Tgt Ion: 77 Resp: 1570
Ion Ratio Lower Upper
77 100
105 111.2 71.0 106.6
106 78.7 63.4 95.2

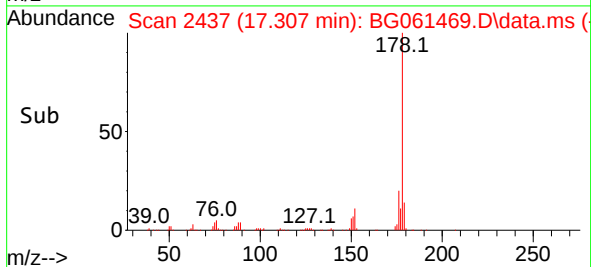
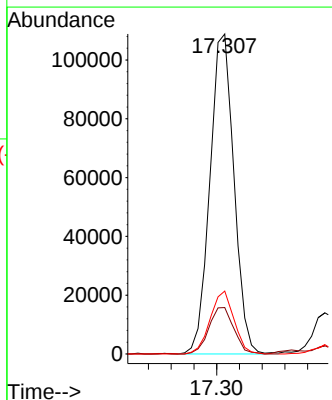
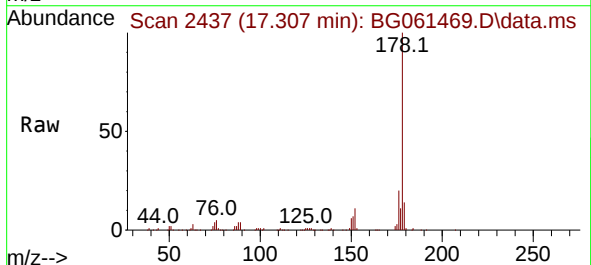
Manual Integrations
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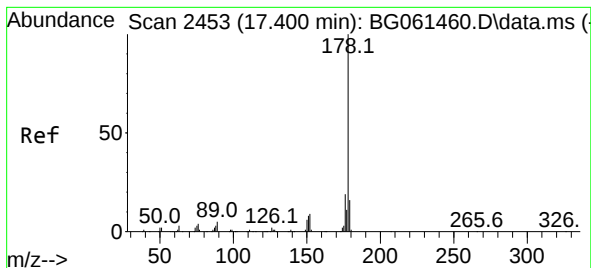
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#72
Phenanthrene
Concen: 16.000 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. 0.008 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

Tgt Ion:178 Resp: 160038
Ion Ratio Lower Upper
178 100
179 14.5 12.7 19.1
176 19.6 15.5 23.3





#74

Anthracene

Concen: 2.129 ng/ul m

RT: 17.395 min Scan# 2452

Delta R.T. 0.002 min

Lab File: BG061469.D

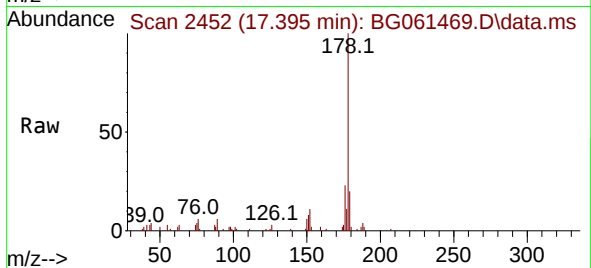
Acq: 5 Jun 2024 00:28

Instrument :

BNA_G

ClientSampleId :

BHBM3



Tgt Ion:178 Resp: 22018

Ion Ratio Lower Upper

178 100

179 19.7 11.8 17.6

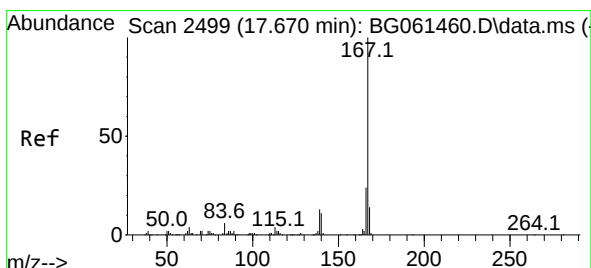
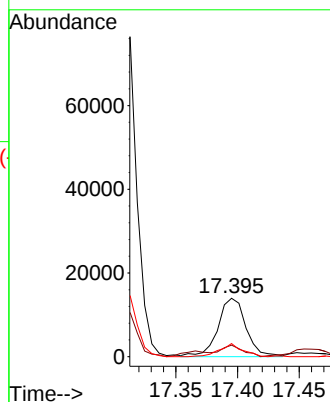
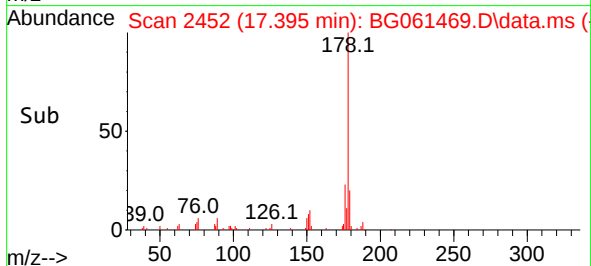
176 22.6 14.9 22.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024

Supervised By :mohammad ahmed 06/07/2024



#77

Carbazole

Concen: 1.573 ng/ul

RT: 17.671 min Scan# 2499

Delta R.T. 0.008 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

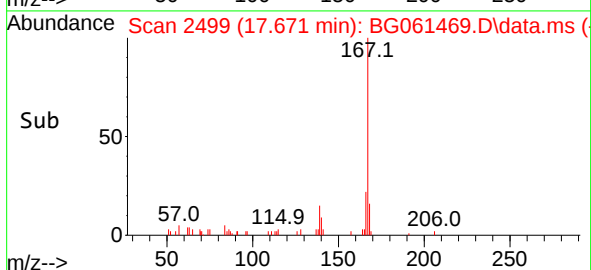
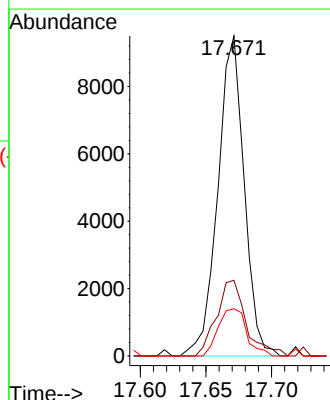
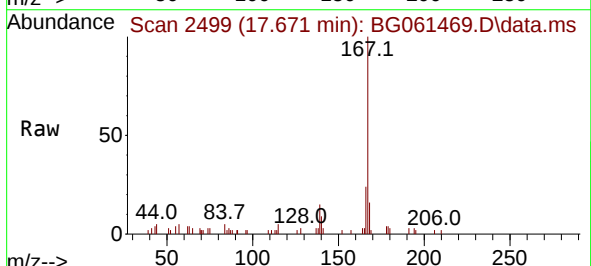
Tgt Ion:167 Resp: 13235

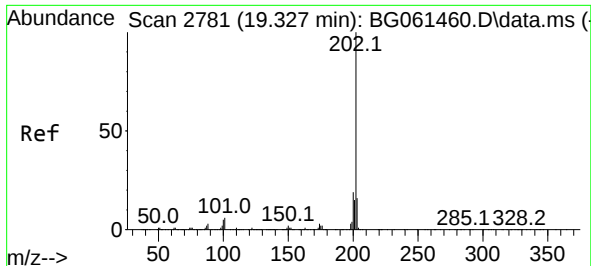
Ion Ratio Lower Upper

167 100

166 23.7 18.6 28.0

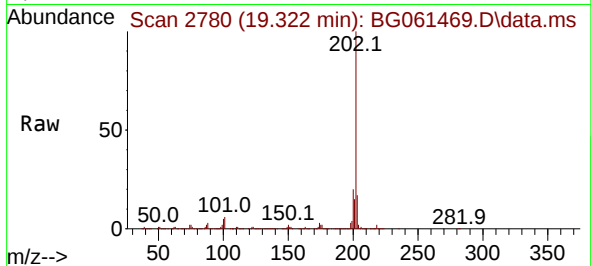
139 14.7 10.6 15.8





#80
Fluoranthene
Concen: 34.729 ng/ul
RT: 19.322 min Scan# 2781
Delta R.T. 0.008 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

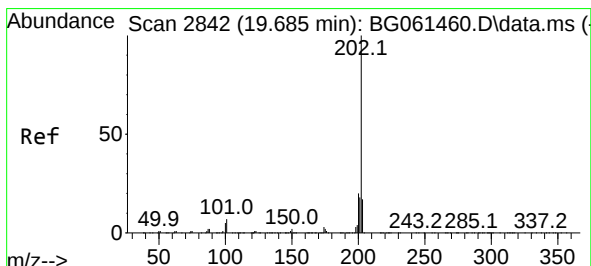
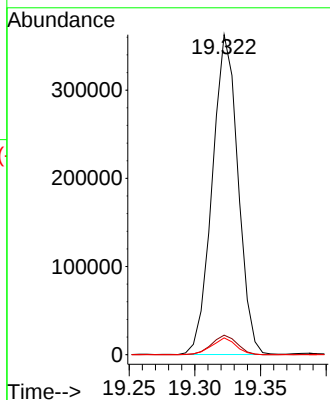
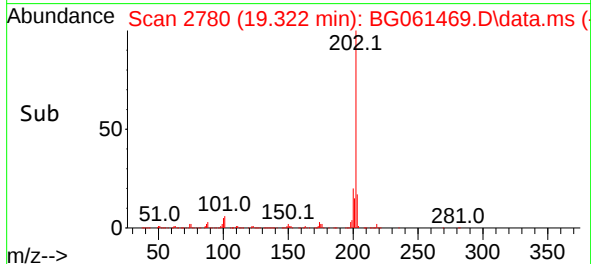
Instrument :
BNA_G
ClientSampleId :
BHBM3



Tgt Ion:202 Resp: 49511
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 5.3 4.1 6.1

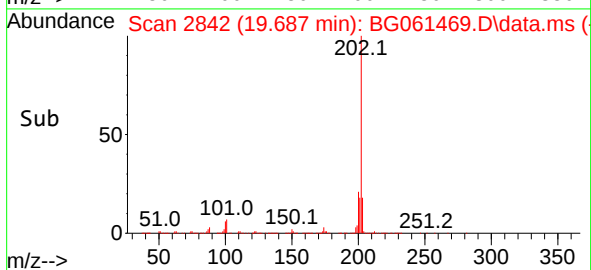
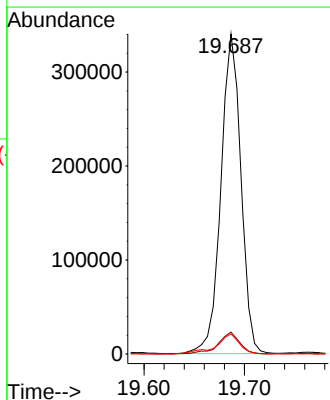
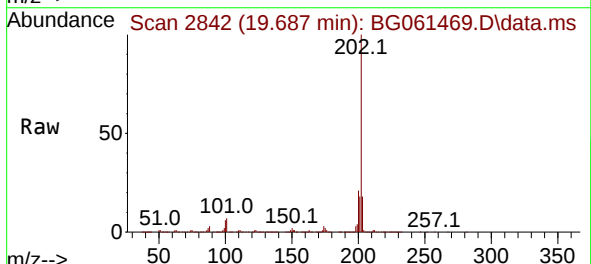
Manual Integrations
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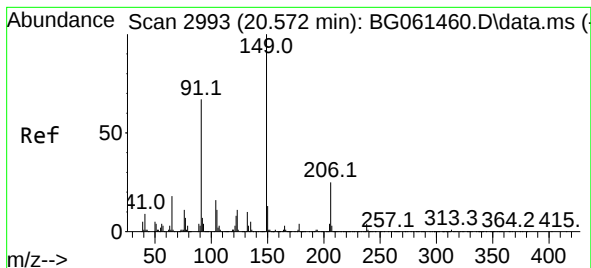
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#82
Pyrene
Concen: 31.802 ng/ul
RT: 19.687 min Scan# 2842
Delta R.T. 0.008 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

Tgt Ion:202 Resp: 470621
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 6.3 5.1 7.7





#83

Butylbenzylphthalate

Concen: 4.550 ng/ul

RT: 20.574 min Scan# 2993

Delta R.T. 0.002 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

Instrument :

BNA_G

ClientSampleId :

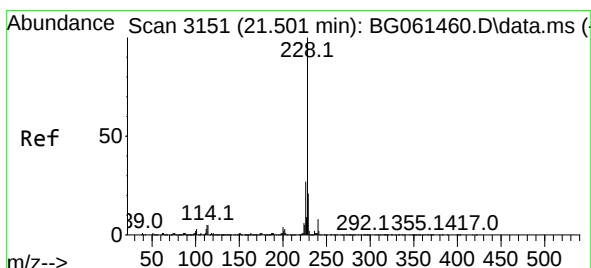
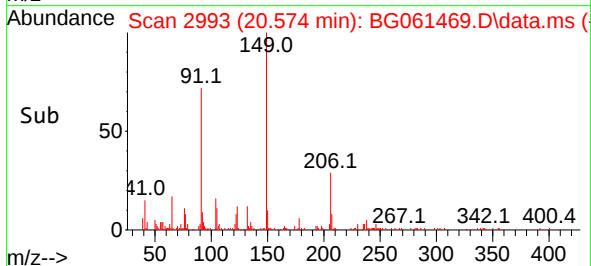
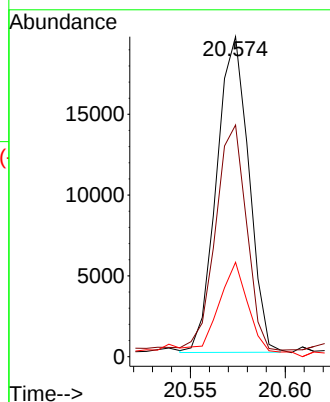
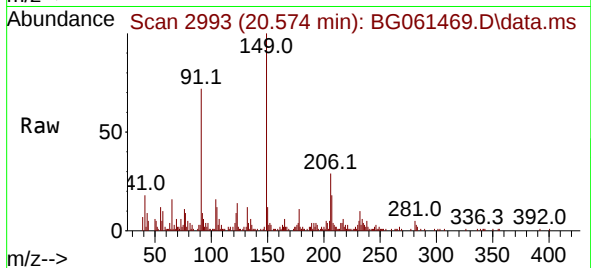
BHBM3

Tgt Ion:	149	Resp:	23129
Ion Ratio	Lower	Upper	
149	100		
91	72.4	54.8	82.2
206	29.5	19.4	29.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#85

Benzo(a)anthracene

Concen: 18.439 ng/ul

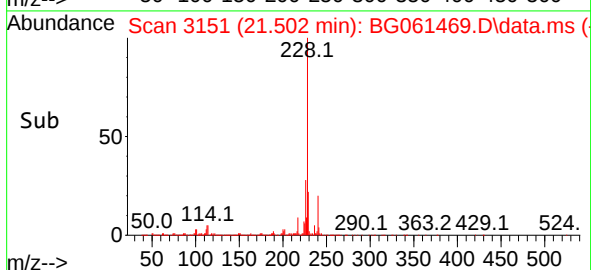
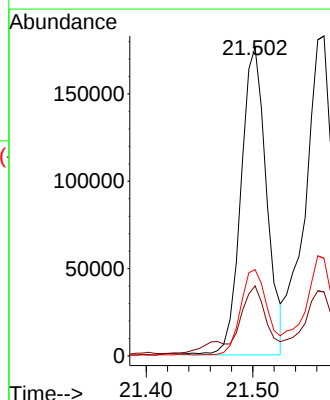
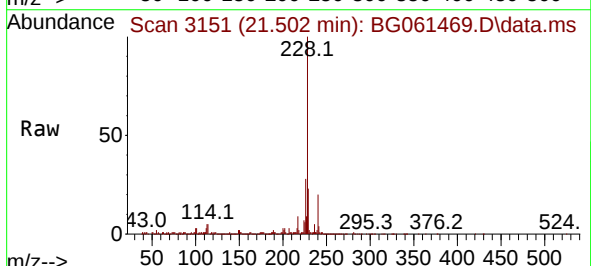
RT: 21.502 min Scan# 3151

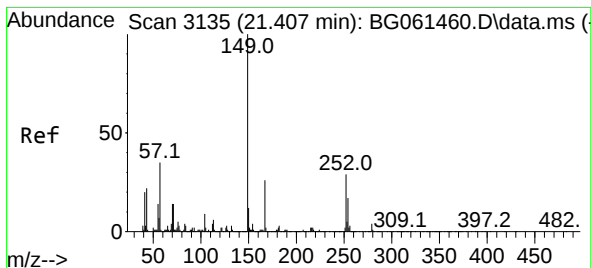
Delta R.T. 0.008 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

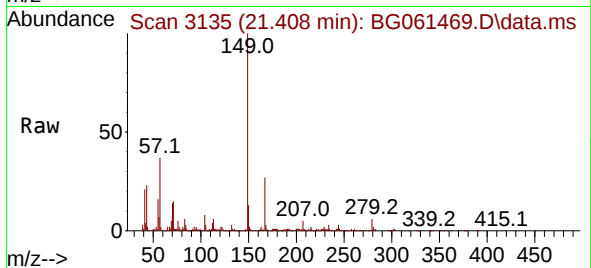
Tgt Ion:	228	Resp:	294488
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.2	22.8
226	28.0	21.4	32.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 14.516 ng/ul
 RT: 21.408 min Scan# 3135
 Delta R.T. 0.002 min
 Lab File: BG061469.D
 Acq: 5 Jun 2024 00:28

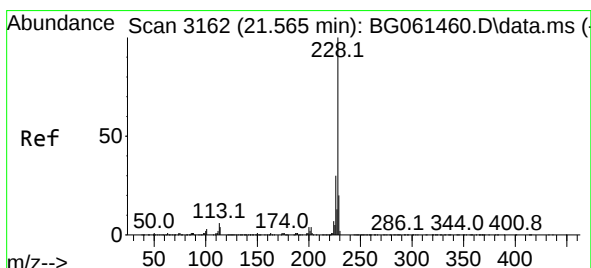
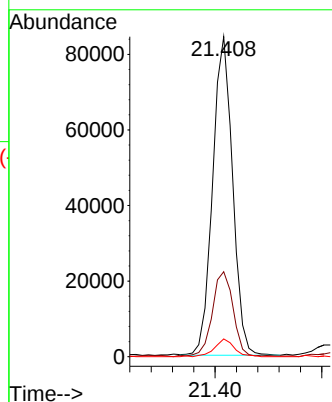
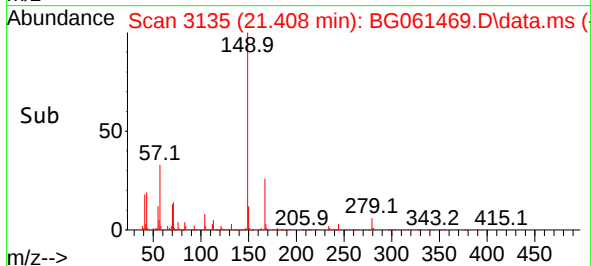
Instrument :
 BNA_G
 ClientSampleId :
 BHBM3



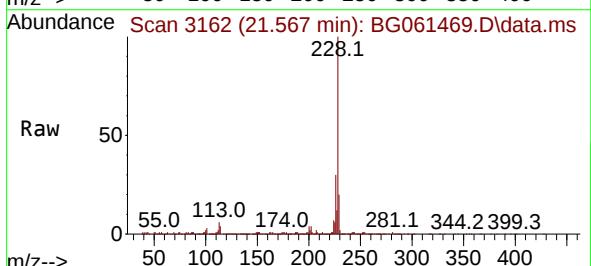
Tgt Ion:149 Resp: 10923
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.1 31.7
 279 5.5 3.3 4.9

Manual Integrations
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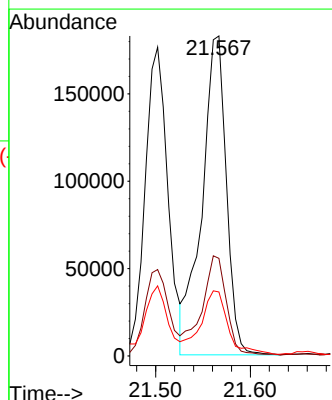
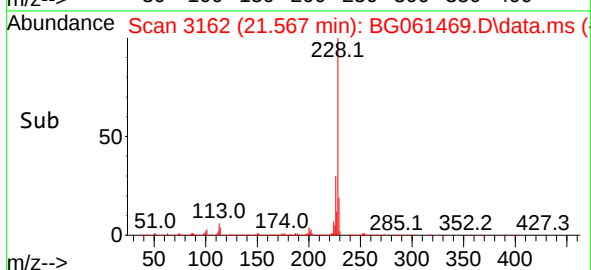
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

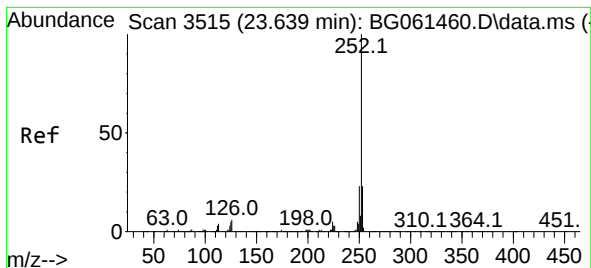


#87
 Chrysene
 Concen: 22.251 ng/ul
 RT: 21.567 min Scan# 3162
 Delta R.T. 0.014 min
 Lab File: BG061469.D
 Acq: 5 Jun 2024 00:28



Tgt Ion:228 Resp: 327214
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.4 35.0
 229 20.0 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 28.605 ng/ul

RT: 23.641 min Scan# 3515

Delta R.T. 0.025 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

Instrument :

BNA_G

ClientSampleId :

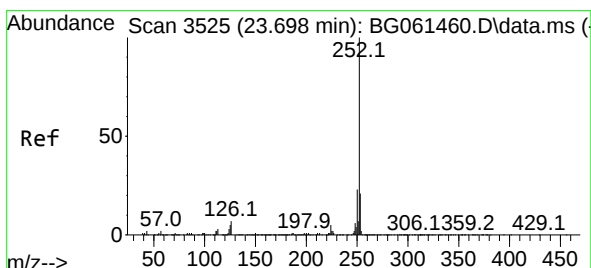
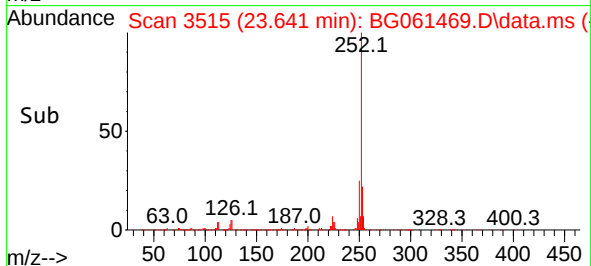
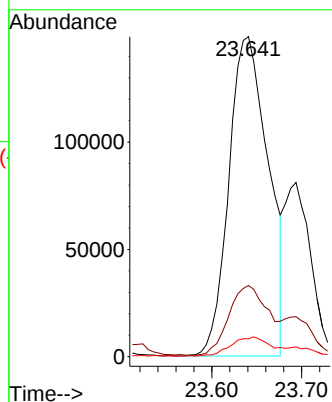
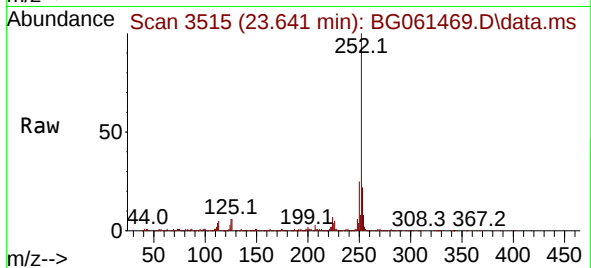
BHBM3

Tgt Ion:252 Resp: 453875
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 5.6 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#91

Benzo(k)fluoranthene

Concen: 9.899 ng/ul

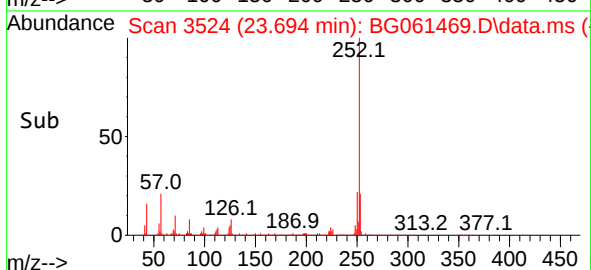
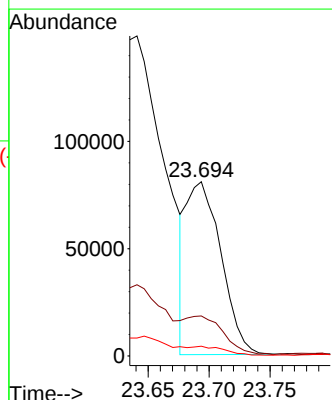
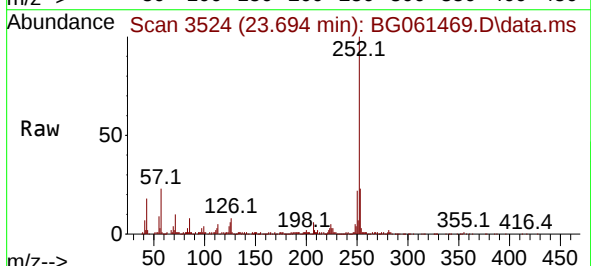
RT: 23.694 min Scan# 3524

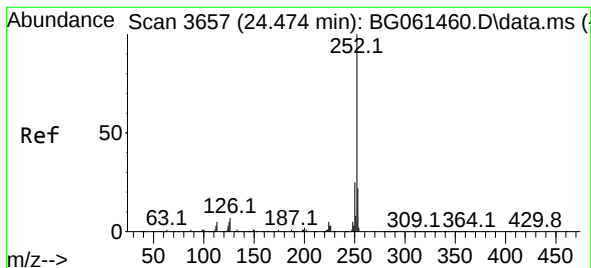
Delta R.T. 0.014 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

Tgt Ion:252 Resp: 159449
 Ion Ratio Lower Upper
 252 100
 253 23.0 16.0 24.0
 125 5.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 20.689 ng/u1

RT: 24.469 min Scan# 3

Delta R.T. 0.019 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

Instrument :

BNA_G

ClientSampleId :

BHBM3

Tgt Ion:252 Resp: 311714

Ion Ratio Lower Upper

252 100

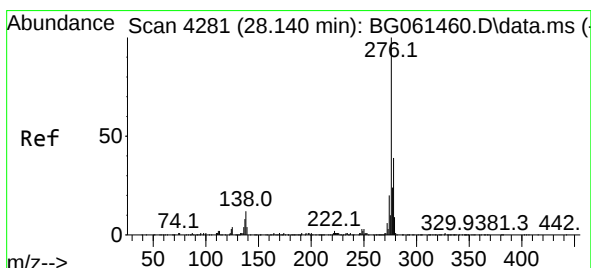
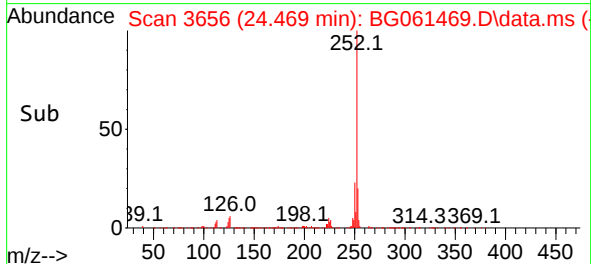
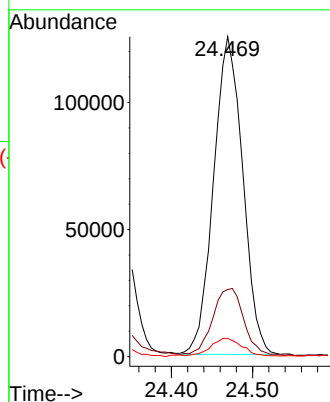
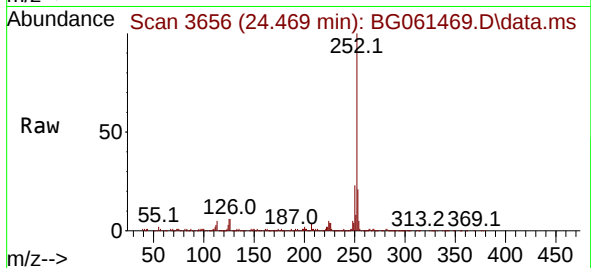
253 21.0 16.4 24.6

125 5.7 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.301 ng/u1

RT: 28.136 min Scan# 4280

Delta R.T. 0.043 min

Lab File: BG061469.D

Acq: 5 Jun 2024 00:28

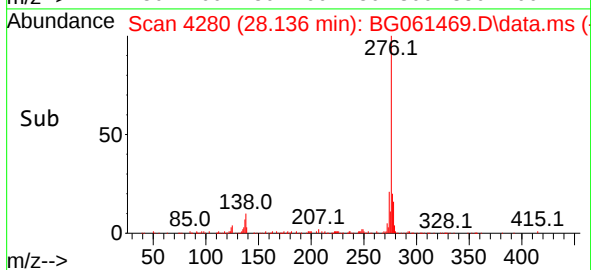
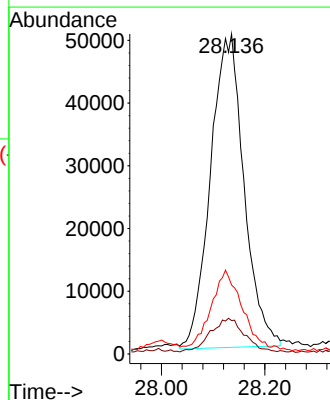
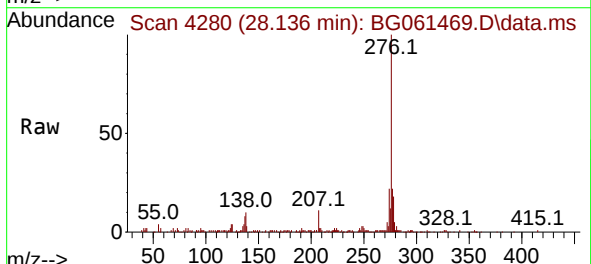
Tgt Ion:276 Resp: 224121

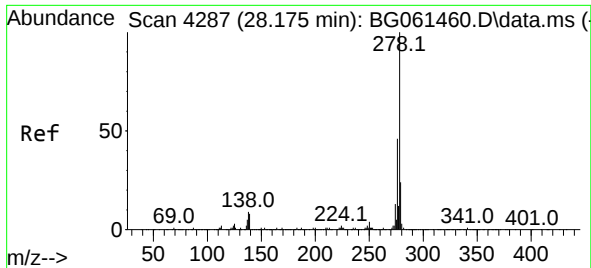
Ion Ratio Lower Upper

276 100

138 13.5 8.6 13.0#

277 21.5 19.7 29.5





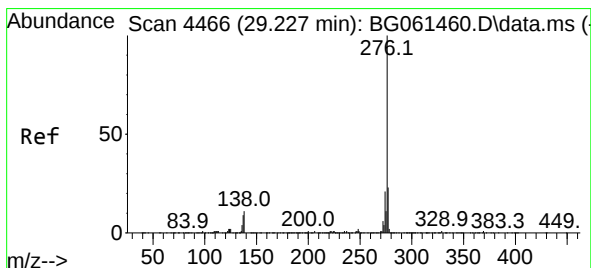
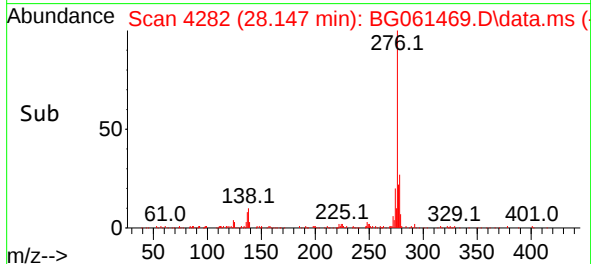
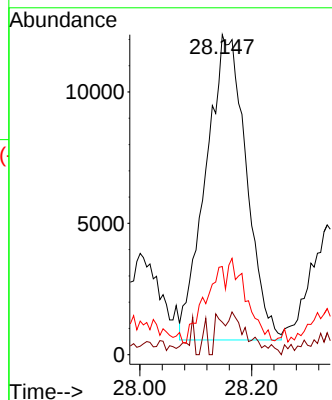
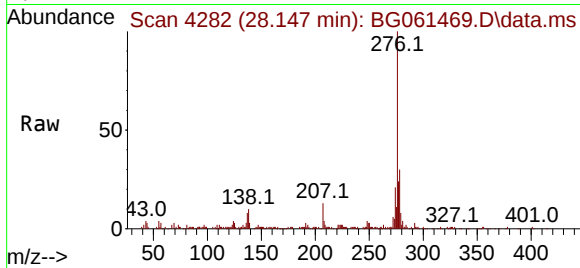
#95
Dibenzo(a,h)anthracene
Concen: 3.879 ng/ul m
RT: 28.147 min Scan# 4287
Delta R.T. 0.008 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

Instrument :
BNA_G
ClientSampleId :
BHBM3

Tgt Ion:278 Resp: 5828
Ion Ratio Lower Upper
278 100
139 10.2 6.4 9.6
279 27.6 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#96
Benzo(g,h,i)perylene
Concen: 14.211 ng/ul m
RT: 29.217 min Scan# 4464
Delta R.T. 0.043 min
Lab File: BG061469.D
Acq: 5 Jun 2024 00:28

Tgt Ion:276 Resp: 205983
Ion Ratio Lower Upper
276 100
138 12.5 8.7 13.1
277 23.9 18.2 27.2

