

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061466.D
 Acq On : 4 Jun 2024 22:25
 Operator : MA/JU
 Sample : P2590-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBL8

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 23:10:53 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	30283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	124501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	90634	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	204928	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	216041	20.000	ng/u1	0.00
88) Perylene-d12	24.616	264	249339	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1825	3.373	ng/uL	0.00
4) Pyridine-d5	3.740	84	17064	8.864	ng/u1	0.00
7) Phenol-d5	7.066	99	59870	24.075	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	39319	25.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	51338	27.894	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	40382	19.043	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	26450	27.593	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	29855	26.612	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	58714	26.846	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	30450	10.642	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	175947	25.030	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	193164	26.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	14925m	17.174	ng/u1	0.03
60) Fluorene-d10	15.509	176	153400	25.277	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	21142	17.058	ng/u1	0.01
73) Anthracene-d10	17.360	188	227294	25.158	ng/u1	0.00
81) Pyrene-d10	19.657	212	295486	26.638	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	321808	26.846	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	92568	9.307	ng/u1	99
74) Anthracene	17.395	178	10783	1.049	ng/u1	97
80) Fluoranthene	19.322	202	268699	20.192	ng/u1	99
82) Pyrene	19.686	202	252304	18.266	ng/u1	98
85) Benzo(a)anthracene	21.502	228	147903	9.922	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	15127	2.154	ng/u1	96
87) Chrysene	21.561	228	162145	11.813	ng/u1	97
90) Benzo(b)fluoranthene	23.641	252	218732	14.734	ng/u1	98
91) Benzo(k)fluoranthene	23.688	252	73597m	4.883	ng/u1	
93) Benzo(a)pyrene	24.469	252	153323	10.876	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.118	276	111416m	6.536	ng/u1	
95) Dibenzo(a,h)anthracene	28.153	278	27896	1.985	ng/u1#	89
96) Benzo(g,h,i)perylene	29.210	276	98745m	7.281	ng/u1	

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

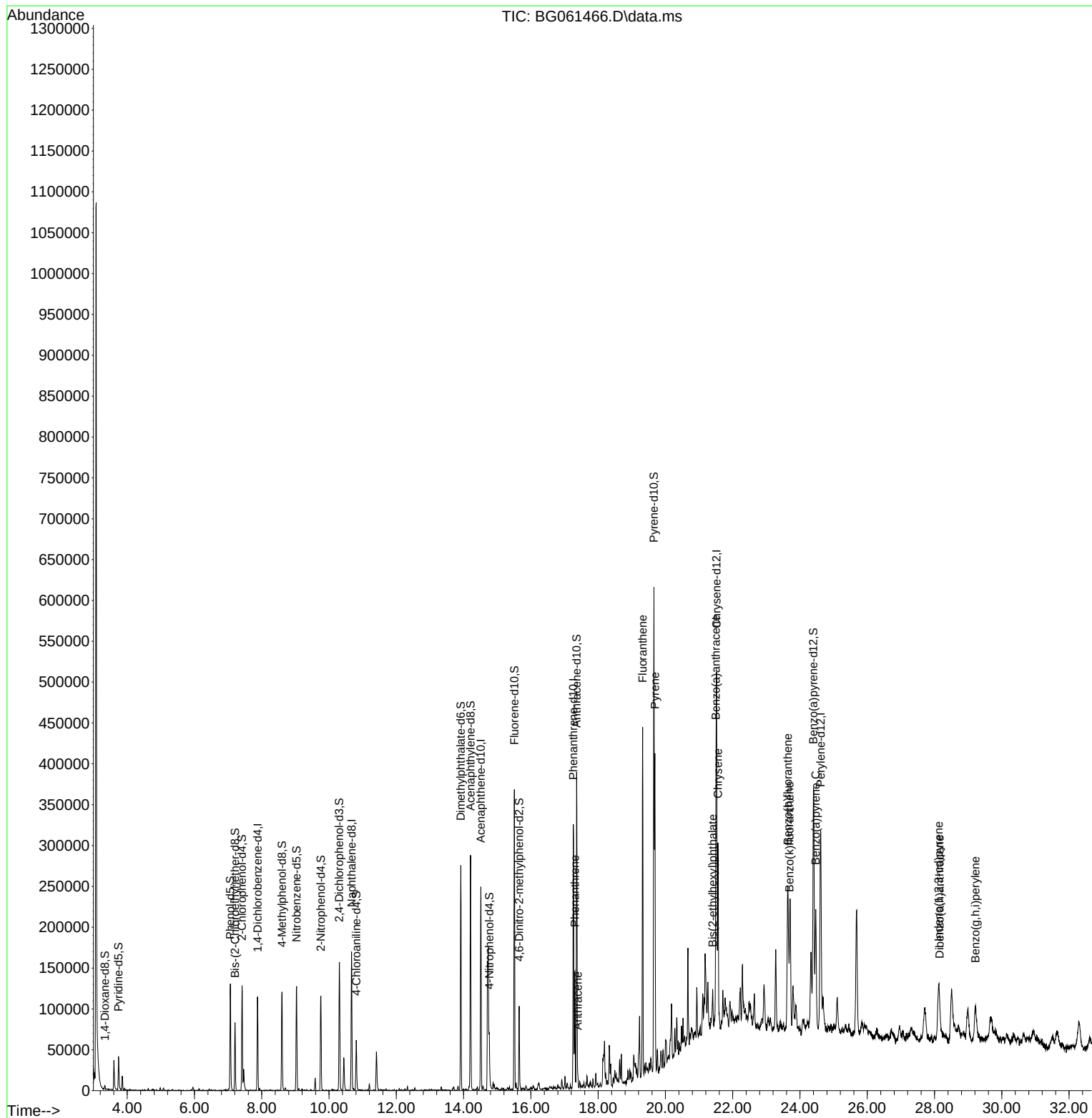
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

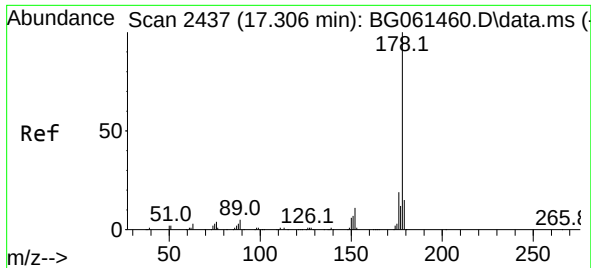
Instrument :
BNA_G
ClientSampleId :
BHBL8

Quant Time: Jun 04 23:10:53 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

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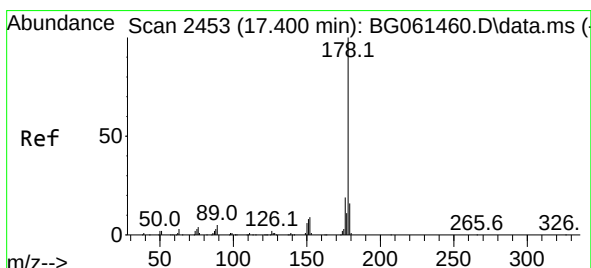
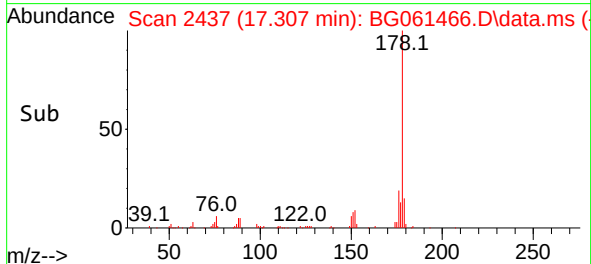
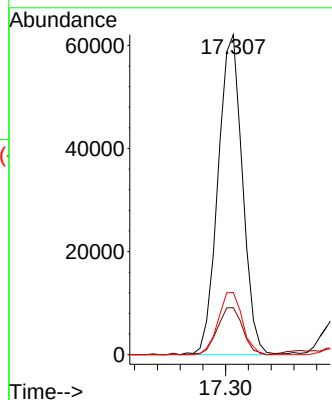
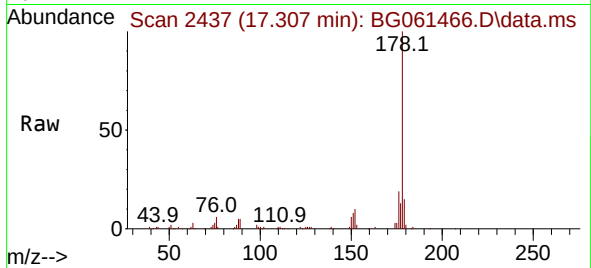
#72
Phenanthrene
Concen: 9.307 ng/u1
RT: 17.307 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Instrument :
BNA_G
ClientSampleId :
BHBL8

Tgt Ion:178 Resp: 92568
Ion Ratio Lower Upper
178 100
179 14.7 12.7 19.1
176 19.4 15.5 23.3

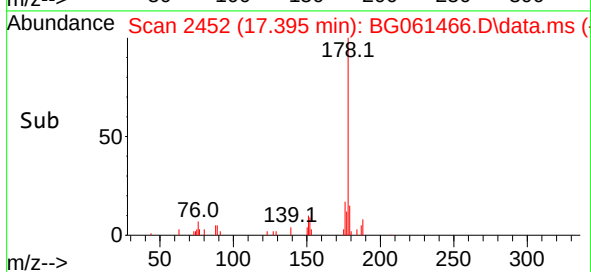
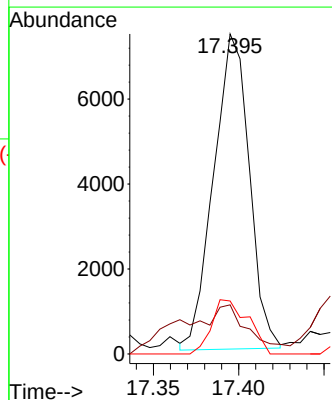
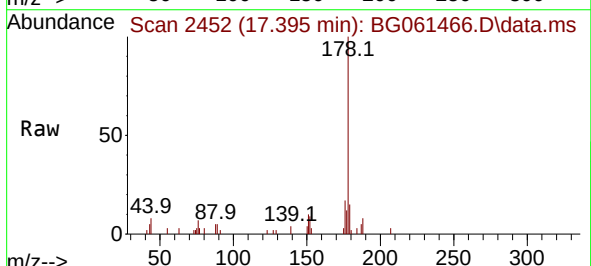
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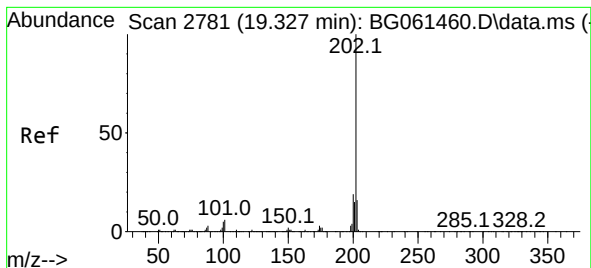
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#74
Anthracene
Concen: 1.049 ng/u1
RT: 17.395 min Scan# 2452
Delta R.T. 0.002 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Tgt Ion:178 Resp: 10783
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.6
176 16.6 14.9 22.3





#80

Fluoranthene

Concen: 20.192 ng/uI

RT: 19.322 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

Instrument :

BNA_G

ClientSampleId :

BHBL8

Tgt Ion:202 Resp: 268699

Ion Ratio Lower Upper

202 100

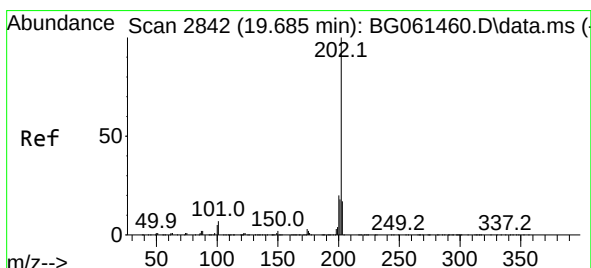
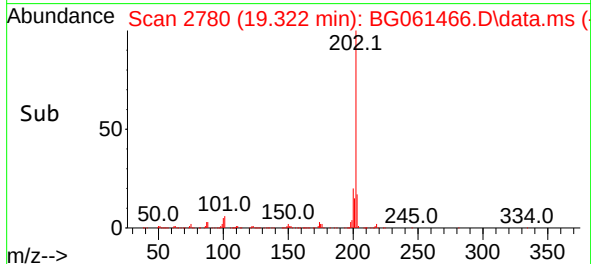
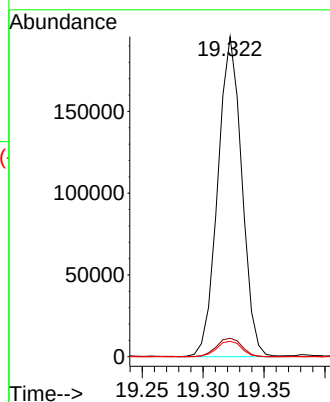
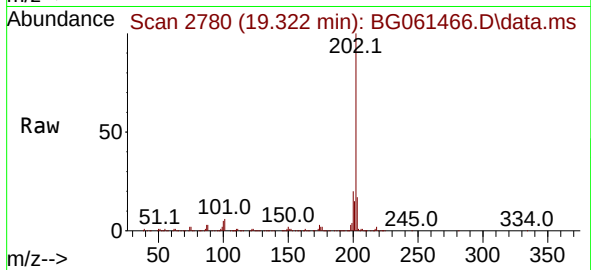
101 5.7 4.8 7.2

100 4.8 4.1 6.1

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#82

Pyrene

Concen: 18.266 ng/uI

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

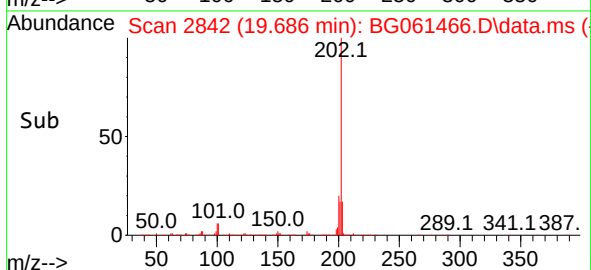
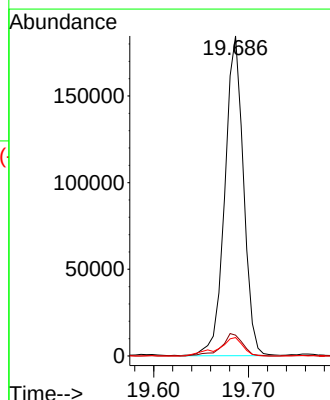
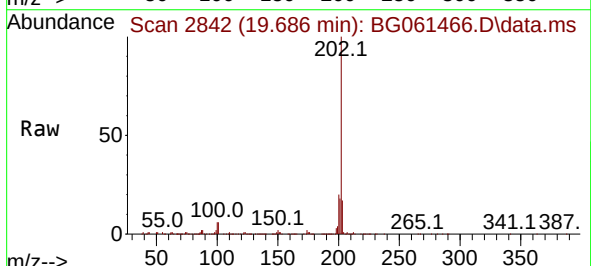
Tgt Ion:202 Resp: 252304

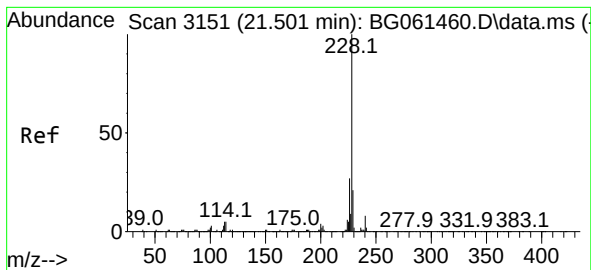
Ion Ratio Lower Upper

202 100

101 6.5 5.7 8.5

100 5.8 5.1 7.7





#85

Benzo(a)anthracene

Concen: 9.922 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.007 min

Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

Instrument :

BNA_G

ClientSampleId :

BHBL8

Tgt Ion:228 Resp: 14790

Ion Ratio Lower Upper

228 100

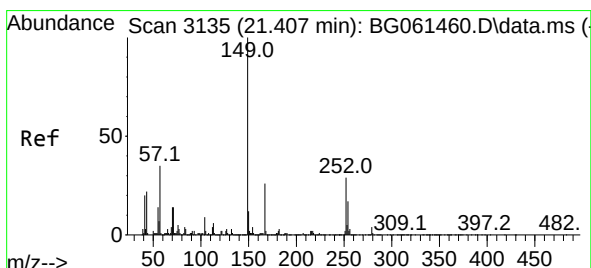
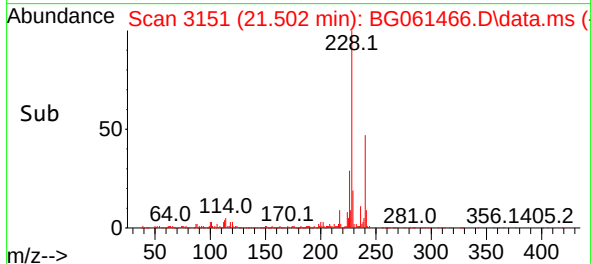
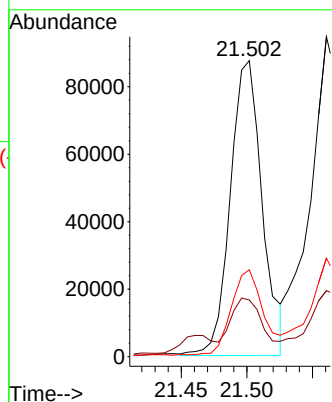
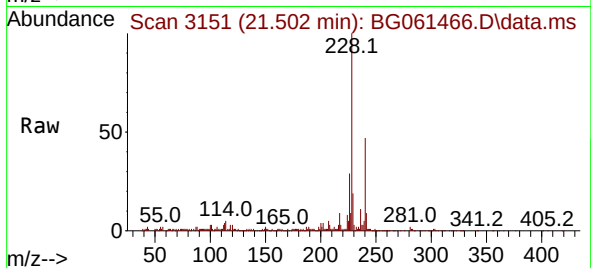
229 19.2 15.2 22.8

226 29.4 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.154 ng/ul

RT: 21.408 min Scan# 3135

Delta R.T. 0.002 min

Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

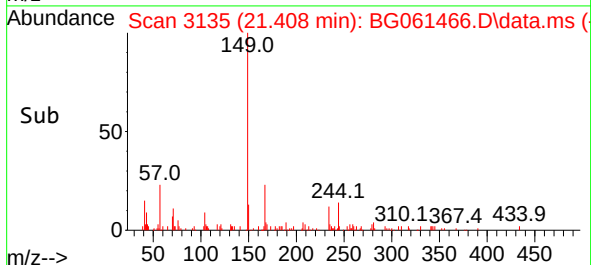
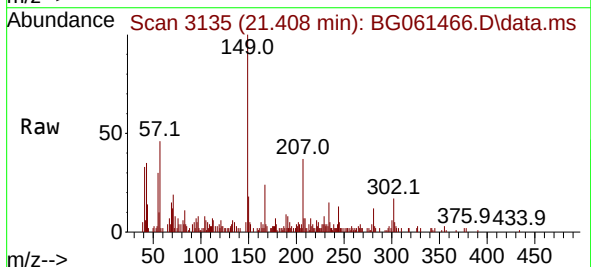
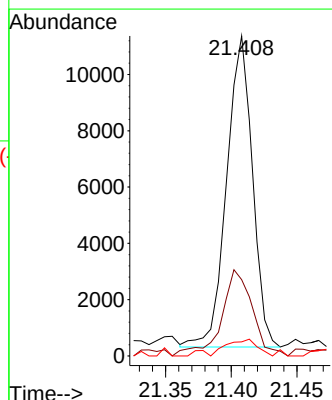
Tgt Ion:149 Resp: 15127

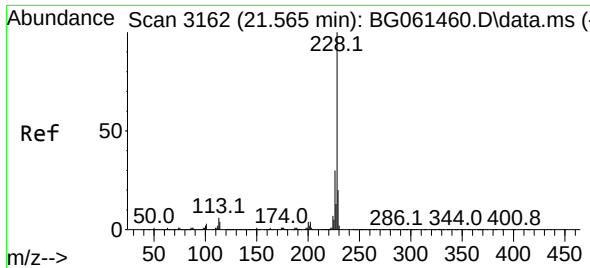
Ion Ratio Lower Upper

149 100

167 23.8 21.1 31.7

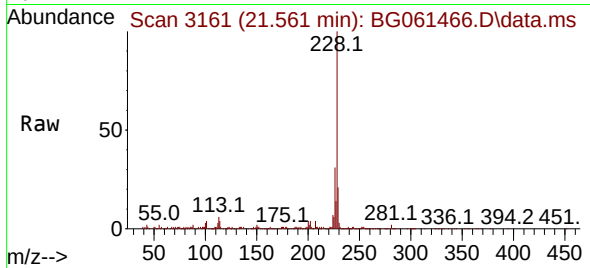
279 4.4 3.3 4.9





#87
Chrysene
Concen: 11.813 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

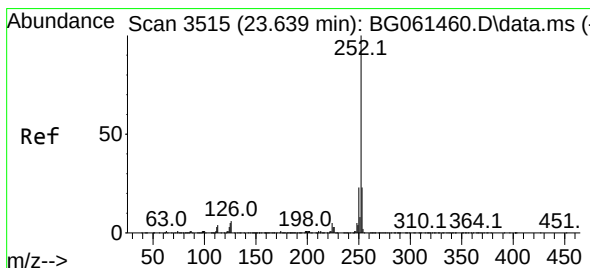
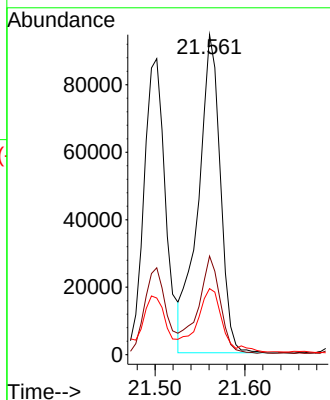
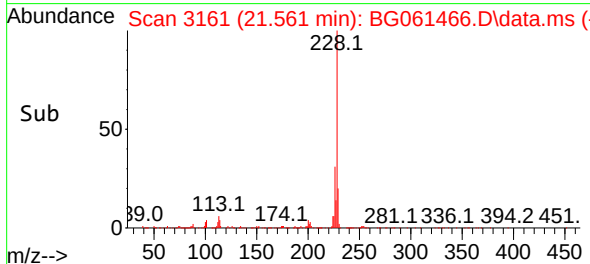
Instrument :
BNA_G
ClientSampleId :
BHBL8



Tgt Ion:228 Resp: 162145
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 20.7 15.4 23.2

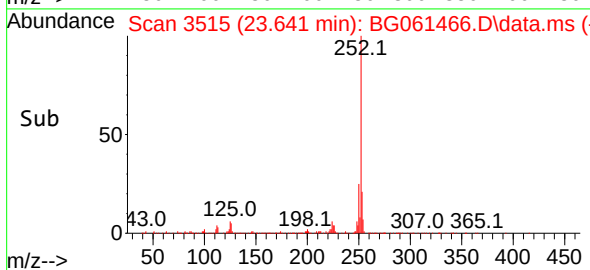
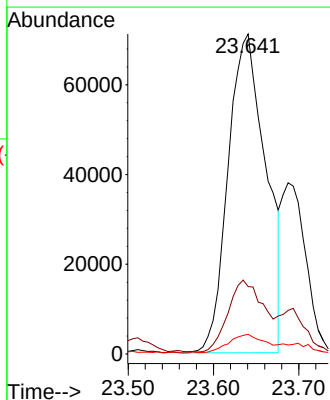
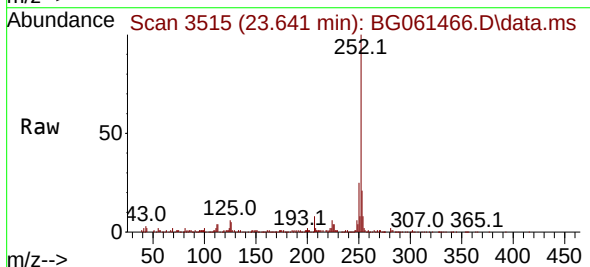
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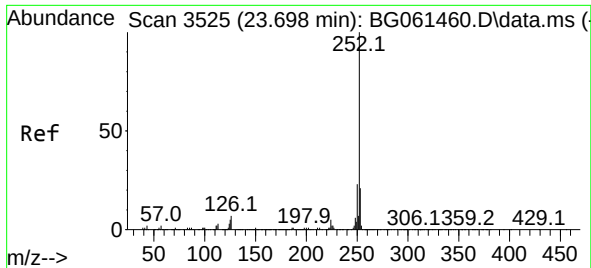
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#90
Benzo(b)fluoranthene
Concen: 14.734 ng/ul
RT: 23.641 min Scan# 3515
Delta R.T. 0.025 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Tgt Ion:252 Resp: 218732
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 6.2 4.6 6.8





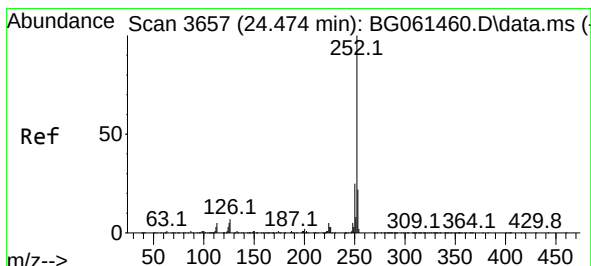
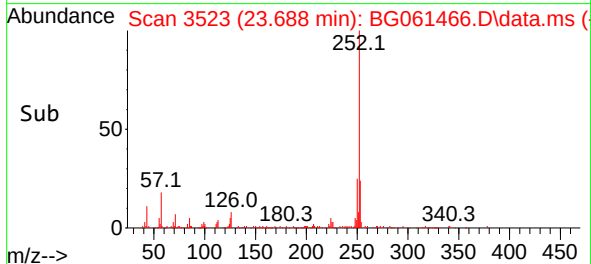
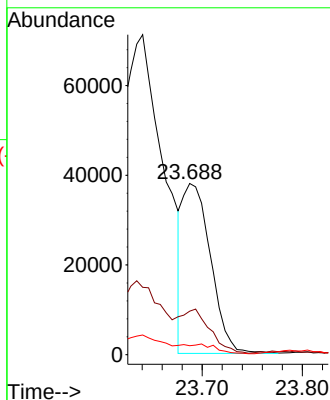
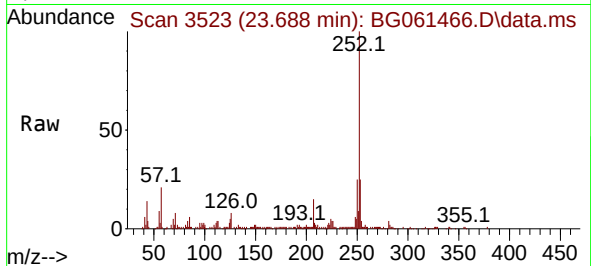
#91
Benzo(k)fluoranthene
Concen: 4.883 ng/ul m
RT: 23.688 min Scan# 3525
Delta R.T. 0.007 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Instrument :
BNA_G
ClientSampleId :
BHBL8

Tgt Ion:252 Resp: 7359
Ion Ratio Lower Upper
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253 25.4 16.0 24.0
125 5.2 4.3 6.5

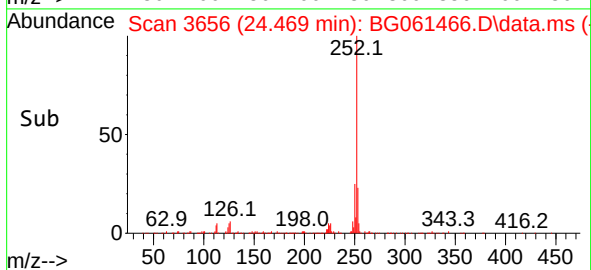
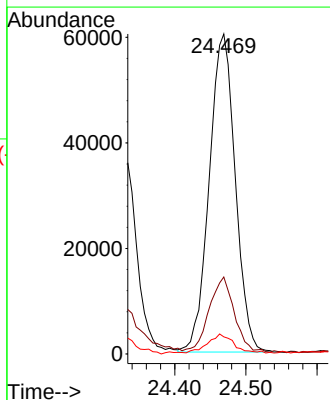
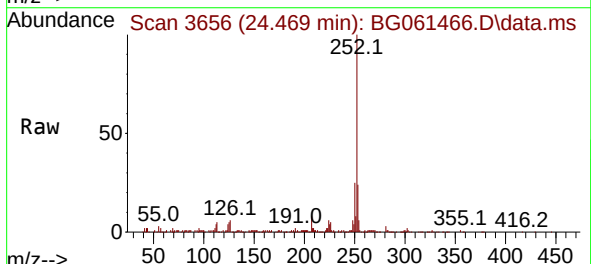
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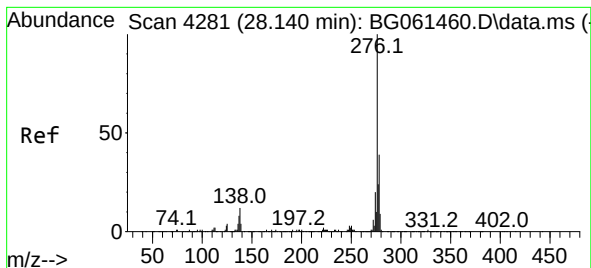
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#93
Benzo(a)pyrene
Concen: 10.876 ng/ul
RT: 24.469 min Scan# 3656
Delta R.T. 0.019 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Tgt Ion:252 Resp: 153323
Ion Ratio Lower Upper
252 100
253 24.0 16.4 24.6
125 5.4 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.536 ng/ul m

RT: 28.118 min Scan# 4

Delta R.T. 0.025 min

Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

Instrument :

BNA_G

ClientSampleId :

BHBL8

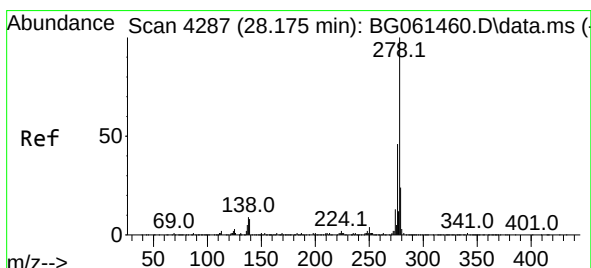
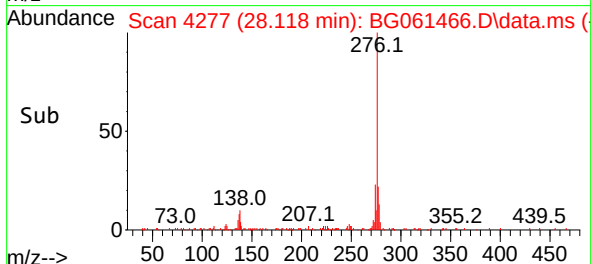
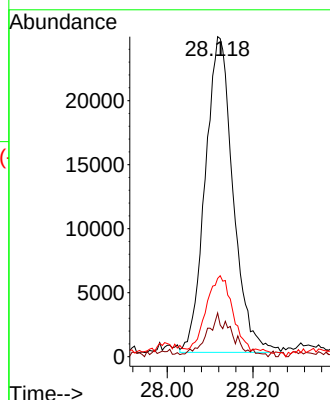
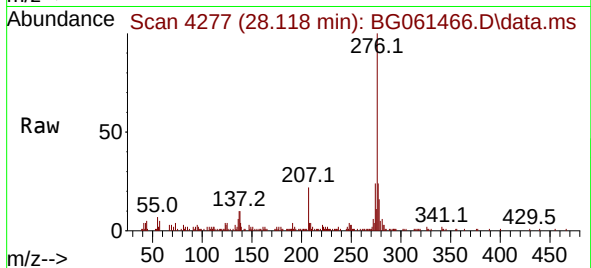
Tgt Ion:276 Resp: 111410

Ion	Ratio	Lower	Upper
276	100		
138	9.7	8.6	13.0
277	24.5	19.7	29.5

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#95

Dibenzo(a,h)anthracene

Concen: 1.985 ng/ul

RT: 28.153 min Scan# 4283

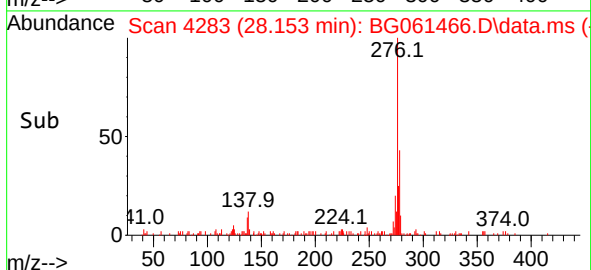
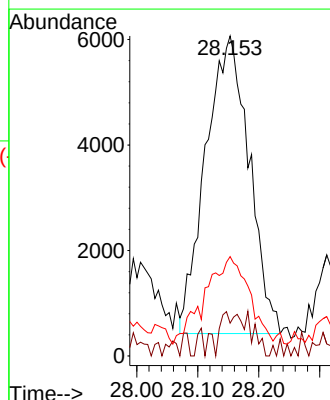
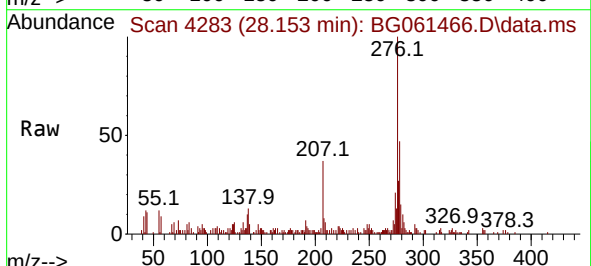
Delta R.T. 0.013 min

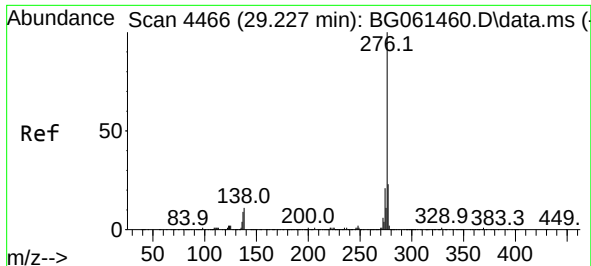
Lab File: BG061466.D

Acq: 4 Jun 2024 22:25

Tgt Ion:278 Resp: 27896

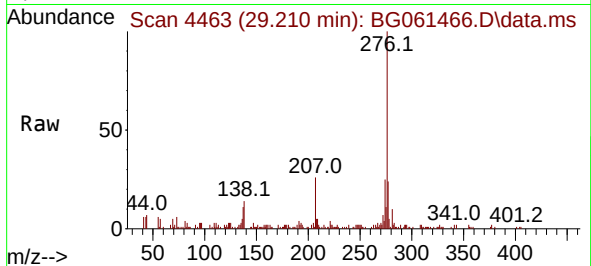
Ion	Ratio	Lower	Upper
278	100		
139	10.3	6.4	9.6#
279	31.0	19.9	29.9#





#96
Benzo(g,h,i)perylene
Concen: 7.281 ng/ul m
RT: 29.210 min Scan# 4463
Delta R.T. 0.037 min
Lab File: BG061466.D
Acq: 4 Jun 2024 22:25

Instrument :
BNA_G
ClientSampleId :
BHBL8



Tgt Ion:276 Resp: 98745
Ion Ratio Lower Upper
276 100
138 13.8 8.7 13.1
277 24.0 18.2 27.2

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