

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061464.D
 Acq On : 4 Jun 2024 21:02
 Operator : MA/JU
 Sample : P2590-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM4

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 22:47:32 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	7.876	152	30269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	122575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	94144	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	207530	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	217475	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	241668	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1853	3.426	ng/uL	0.00
4) Pyridine-d5	3.740	84	16306	8.474	ng/u1	0.00
7) Phenol-d5	7.066	99	51734	20.813	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	31830	20.373	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	40554	22.045	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	42794	20.190	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	22076	23.392	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	25650	23.223	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	51490	23.913	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	44577	15.824	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	173554	23.769	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	190079	25.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	17137m	18.984	ng/u1	0.02
60) Fluorene-d10	15.509	176	139738	22.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	20446	16.289	ng/u1	0.01
73) Anthracene-d10	17.359	188	221180	24.174	ng/u1	0.00
81) Pyrene-d10	19.657	212	274536	24.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	298617	25.702	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	90974	9.032	ng/u1	97
74) Anthracene	17.395	178	13056m	1.254	ng/u1	
80) Fluoranthene	19.322	202	257959	19.257	ng/u1	99
82) Pyrene	19.686	202	247673	17.812	ng/u1	99
83) Butylbenzylphthalate	20.567	149	6554	1.372	ng/u1#	95
85) Benzo(a)anthracene	21.502	228	146359	9.753	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	22753	3.218	ng/u1	98
87) Chrysene	21.560	228	157698	11.413	ng/u1	97
90) Benzo(b)fluoranthene	23.634	252	218328	15.173	ng/u1	97
91) Benzo(k)fluoranthene	23.687	252	71638	4.904	ng/u1	94
93) Benzo(a)pyrene	24.469	252	145199	10.627	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.117	276	109302	6.615	ng/u1	95
95) Dibenzo(a,h)anthracene	28.147	278	29408m	2.159	ng/u1	
96) Benzo(g,h,i)perylene	29.210	276	109951m	8.365	ng/u1	

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

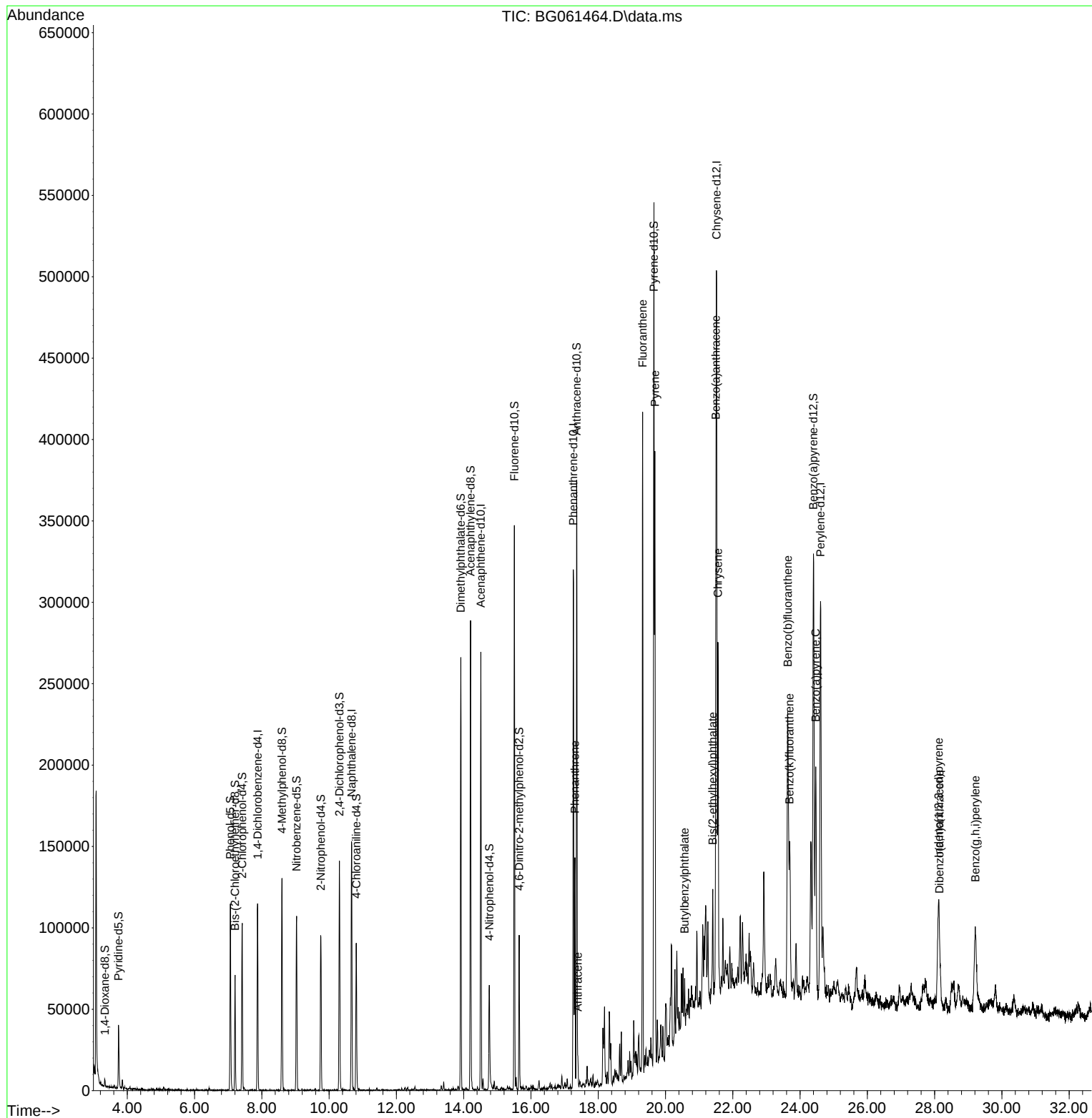
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061464.D
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 ALS Vial : 6 Sample Multiplier: 1

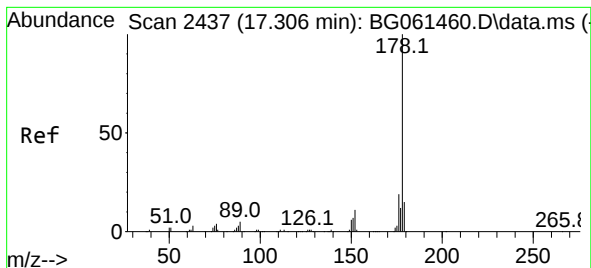
Instrument :
 BNA_G
 ClientSampleId :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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#72

Phenanthrene

Concen: 9.032 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. 0.007 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

Instrument :

BNA_G

ClientSampleId :

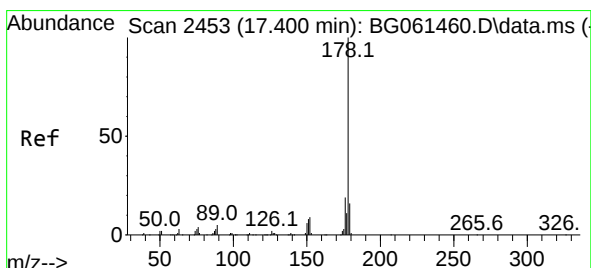
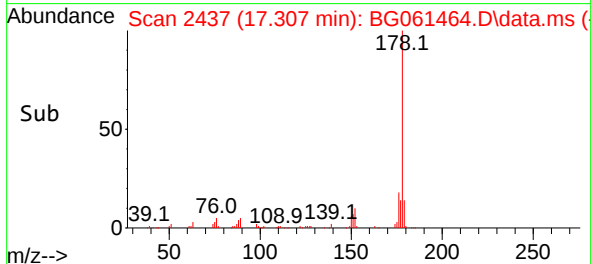
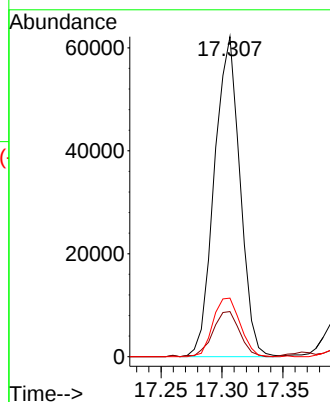
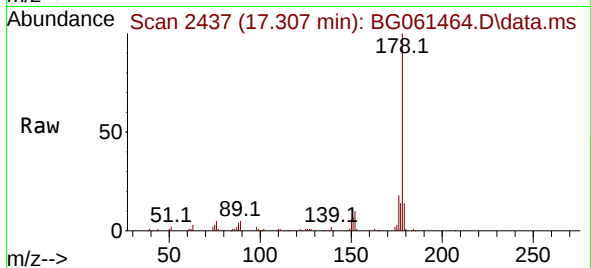
BHBM4

Tgt Ion:178	Resp:	90974
Ion Ratio	Lower	Upper
178	100	
179	14.1	12.7 19.1
176	18.3	15.5 23.3

Manual Integrations

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#74

Anthracene

Concen: 1.254 ng/ul m

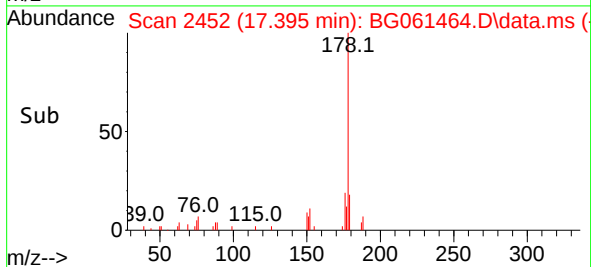
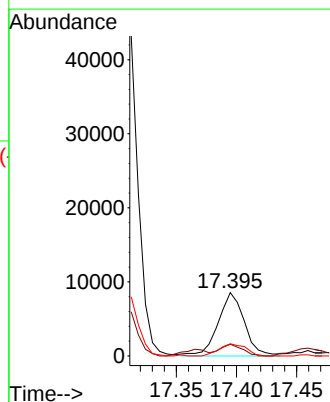
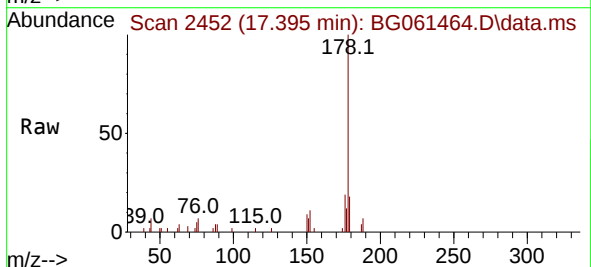
RT: 17.395 min Scan# 2452

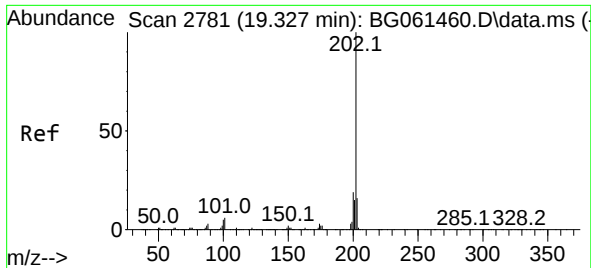
Delta R.T. 0.001 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

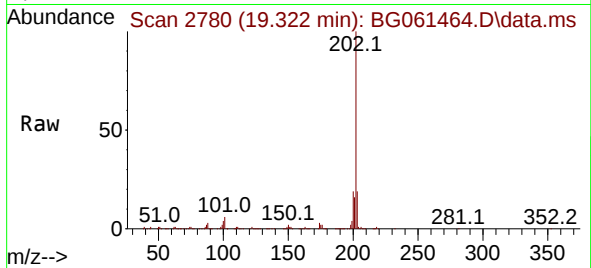
Tgt Ion:178	Resp:	13056
Ion Ratio	Lower	Upper
178	100	
179	18.5	11.8 17.6#
176	19.2	14.9 22.3





#80
Fluoranthene
Concen: 19.257 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02

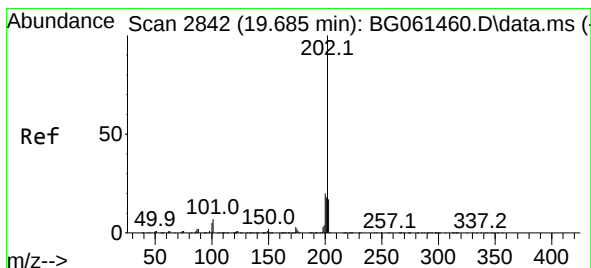
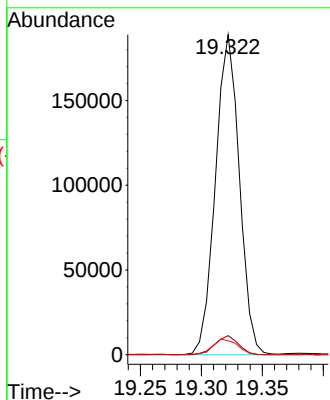
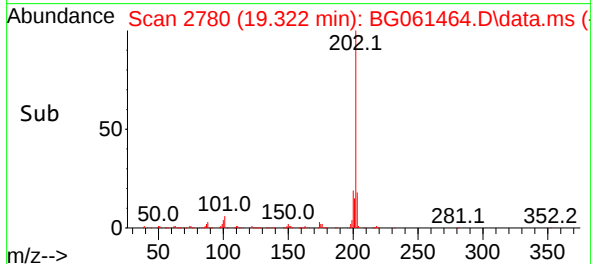
Instrument :
BNA_G
ClientSampleId :
BHBM4



Tgt Ion:202 Resp: 257959
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.4 4.1 6.1

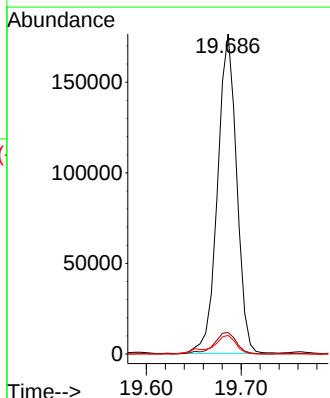
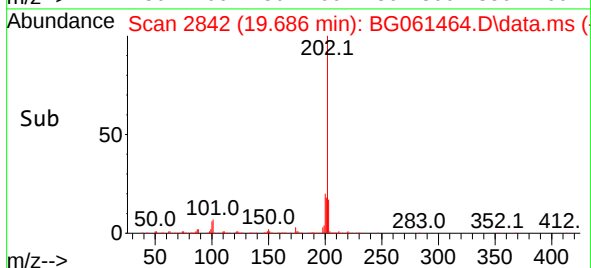
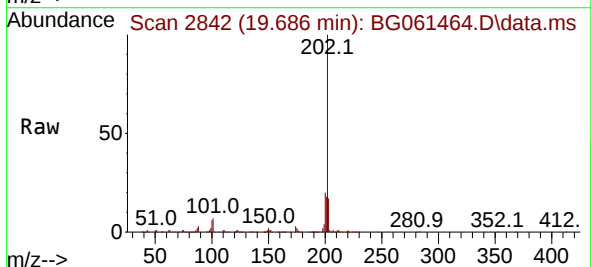
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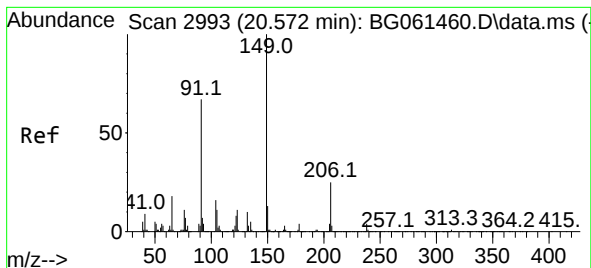
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#82
Pyrene
Concen: 17.812 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02

Tgt Ion:202 Resp: 247673
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 5.8 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.372 ng/ul

RT: 20.567 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

Instrument :

BNA_G

ClientSampleId :

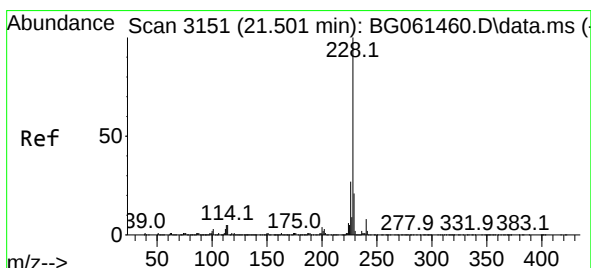
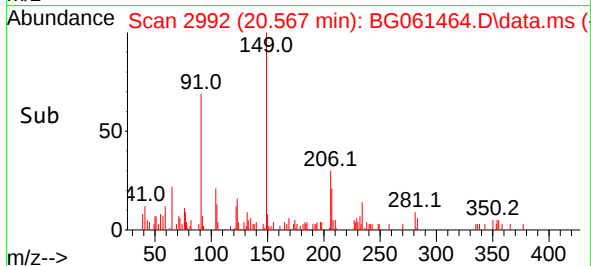
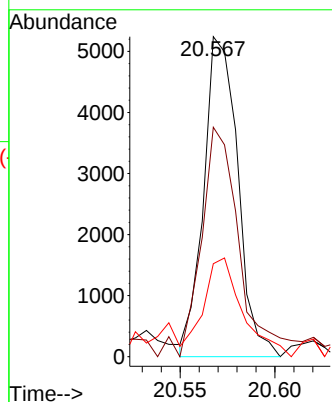
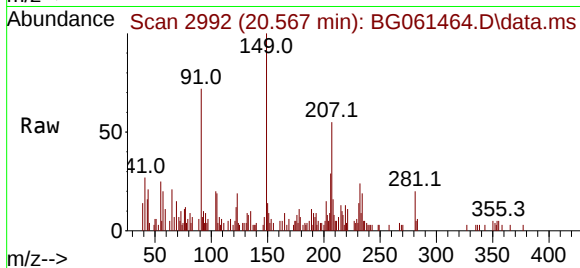
BHBM4

Tgt Ion:	149	Resp:	6554
Ion	Ratio	Lower	Upper
149	100		
91	71.7	54.8	82.2
206	29.1	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: 9.753 ng/ul

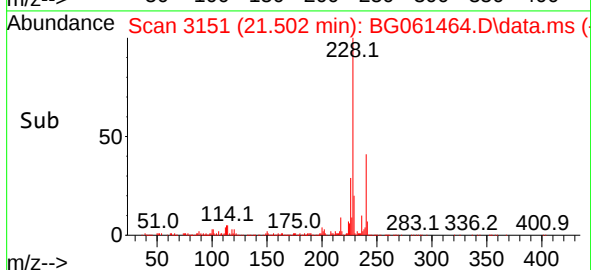
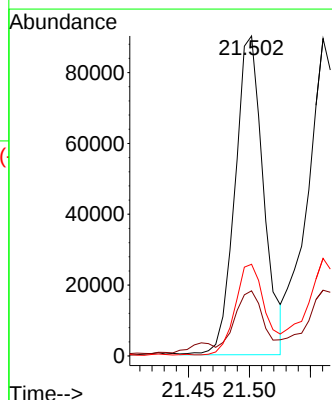
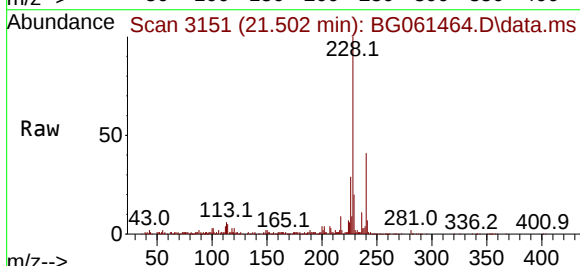
RT: 21.502 min Scan# 3151

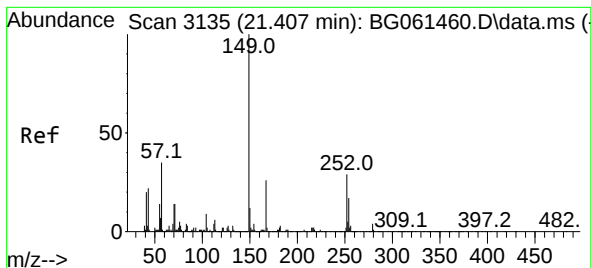
Delta R.T. 0.007 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

Tgt Ion:	228	Resp:	146359
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.2	22.8
226	28.7	21.4	32.2





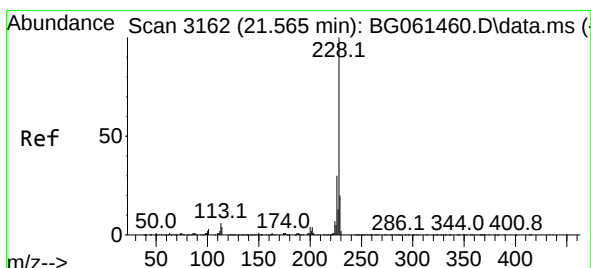
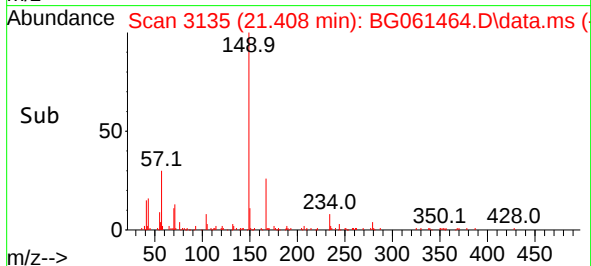
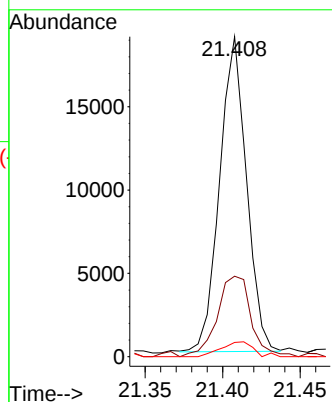
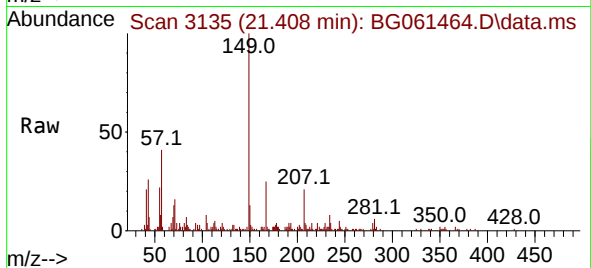
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.218 ng/ul
 RT: 21.408 min Scan# 3135
 Delta R.T. 0.001 min
 Lab File: BG061464.D
 Acq: 4 Jun 2024 21:02

Instrument :
 BNA_G
 ClientSampleId :
 BHBM4

Tgt Ion:149 Resp: 2275
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.1 31.7
 279 4.4 3.3 4.9

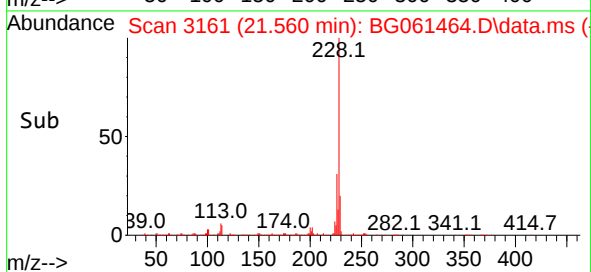
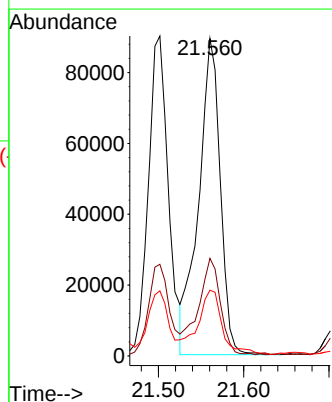
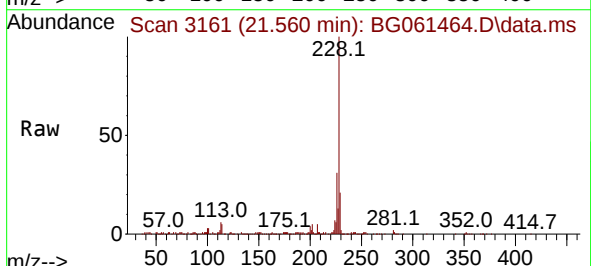
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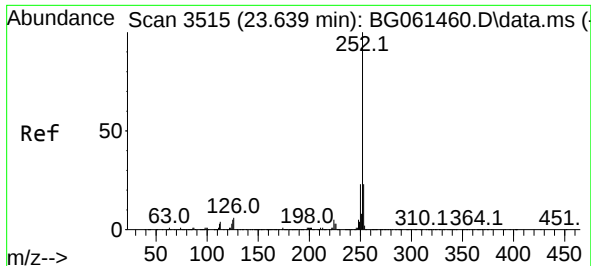
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#87
 Chrysene
 Concen: 11.413 ng/ul
 RT: 21.560 min Scan# 3161
 Delta R.T. 0.007 min
 Lab File: BG061464.D
 Acq: 4 Jun 2024 21:02

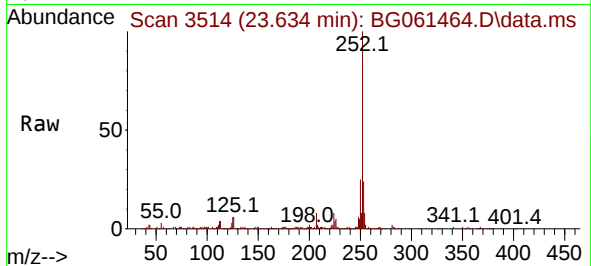
Tgt Ion:228 Resp: 157698
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.0
 229 20.7 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 15.173 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. 0.019 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02

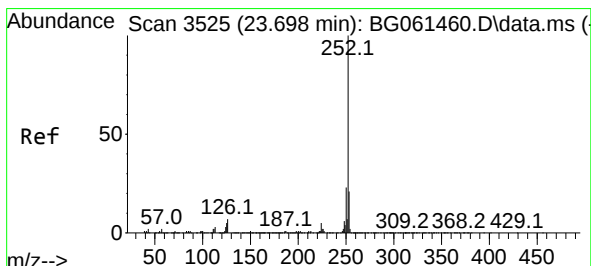
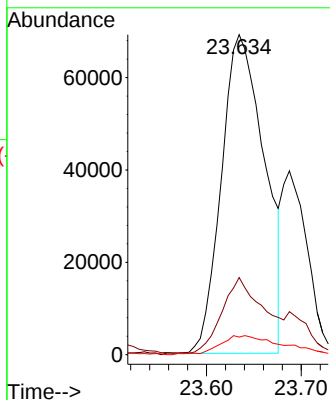
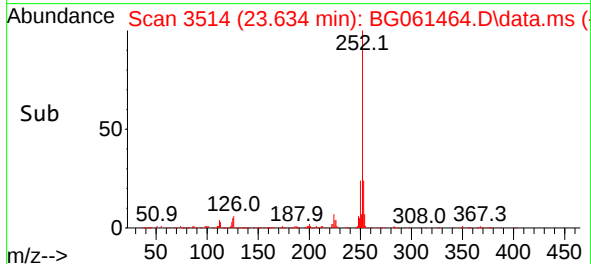
Instrument :
BNA_G
ClientSampleId :
BHBM4



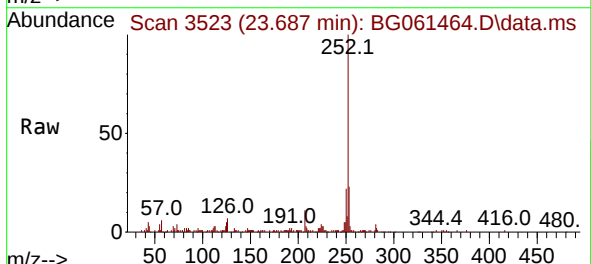
Tgt Ion:252 Resp: 218328
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 5.5 4.6 6.8

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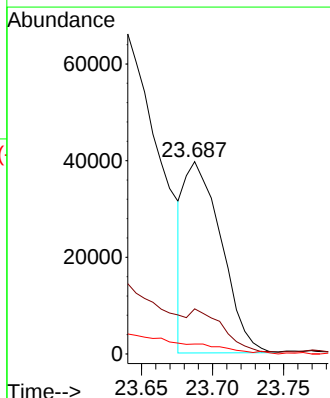
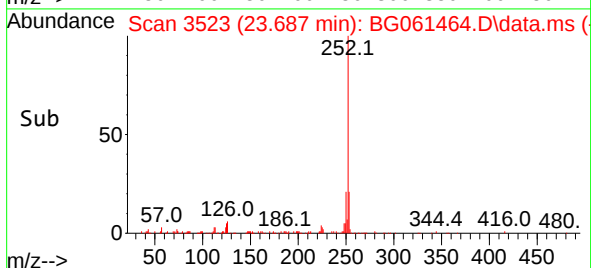
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

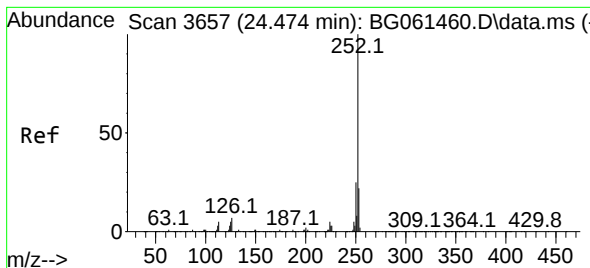


#91
Benzo(k)fluoranthene
Concen: 4.904 ng/ul
RT: 23.687 min Scan# 3523
Delta R.T. 0.007 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02



Tgt Ion:252 Resp: 71638
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 5.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 10.627 ng/ul

RT: 24.469 min Scan# 30

Delta R.T. 0.019 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

Instrument :

BNA_G

ClientSampleId :

BHBM4

Tgt Ion:252 Resp: 14519

Ion Ratio Lower Upper

252 100

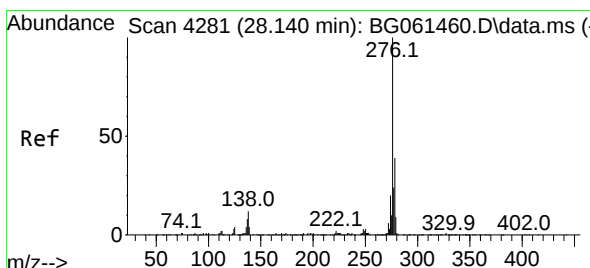
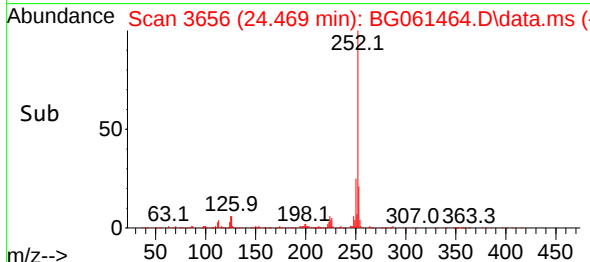
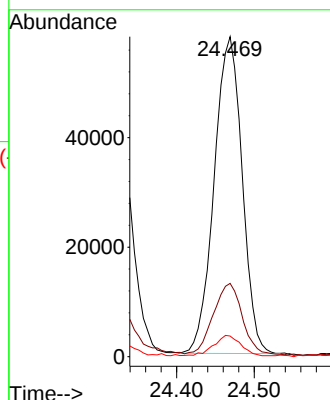
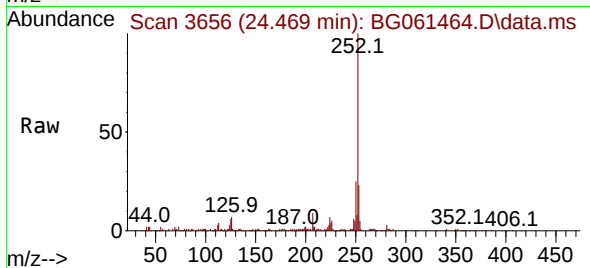
253 22.9 16.4 24.6

125 6.4 4.3 6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024
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#94

Indeno(1,2,3-cd)pyrene

Concen: 6.615 ng/ul

RT: 28.117 min Scan# 4277

Delta R.T. 0.025 min

Lab File: BG061464.D

Acq: 4 Jun 2024 21:02

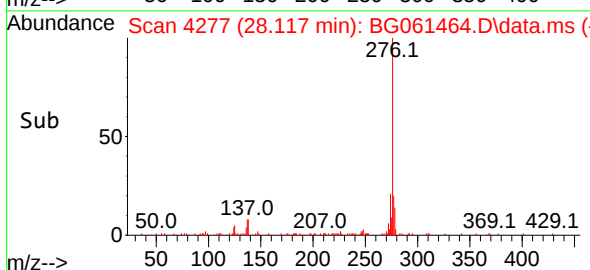
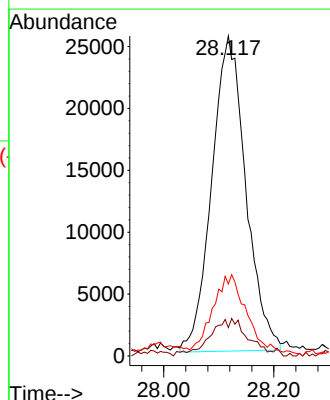
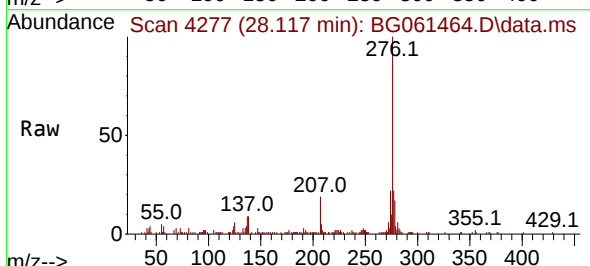
Tgt Ion:276 Resp: 109302

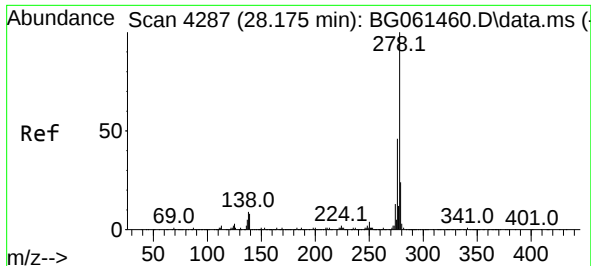
Ion Ratio Lower Upper

276 100

138 8.8 8.6 13.0

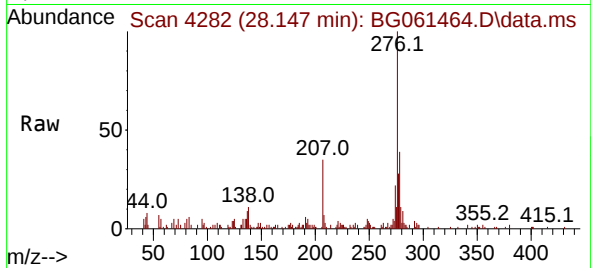
277 22.5 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 2.159 ng/ul m
RT: 28.147 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02

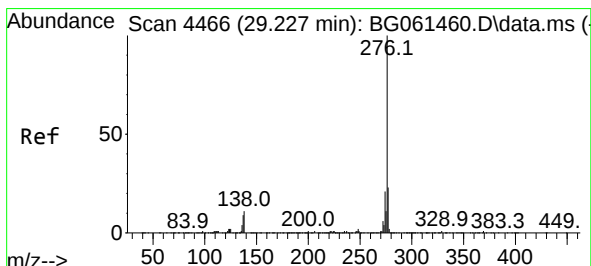
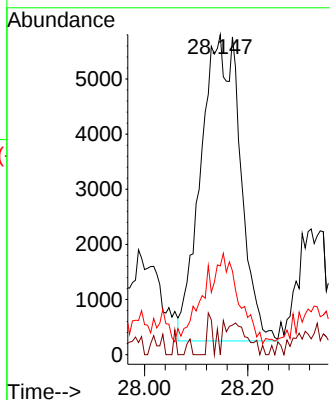
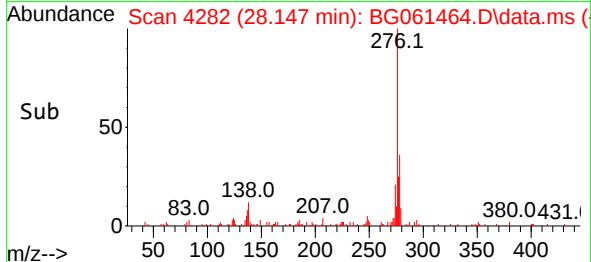
Instrument :
BNA_G
ClientSampleId :
BHBM4



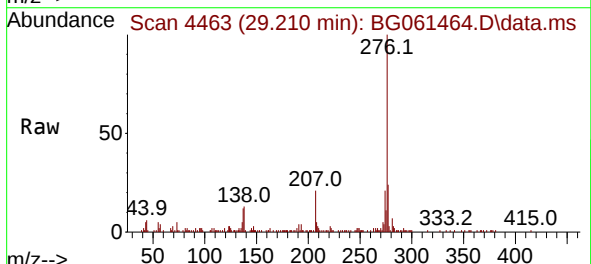
Tgt Ion:278 Resp: 29408
Ion Ratio Lower Upper
278 100
139 0.0 6.4 9.6
279 27.8 19.9 29.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 8.365 ng/ul m
RT: 29.210 min Scan# 4463
Delta R.T. 0.037 min
Lab File: BG061464.D
Acq: 4 Jun 2024 21:02



Tgt Ion:276 Resp: 109951
Ion Ratio Lower Upper
276 100
138 13.1 8.7 13.1#
277 24.4 18.2 27.2

