

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061453.D
 Acq On : 4 Jun 2024 13:26
 Operator : MA/JU
 Sample : P2590-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBL5

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 23:21:06 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	28086	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	115762	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.511	164	95147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	229017	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.520	240	242231	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	273650	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	2393	4.768	ng/uL	0.00
4) Pyridine-d5	3.741	84	34643	19.403	ng/u1	0.00
7) Phenol-d5	7.066	99	47511	20.599	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	31961	22.047	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	38831	22.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	39050	19.856	ng/u1	0.00
21) Nitrobenzene-d5	9.035	128	23257	26.094	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	26997	25.881	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	54085	26.596	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	47277	17.770	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	194380	26.341	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	207816	27.088	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	16849m	18.468	ng/u1	0.03
60) Fluorene-d10	15.509	176	172978	27.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28923	20.881	ng/u1	0.01
73) Anthracene-d10	17.360	188	272052	26.945	ng/u1	0.00
81) Pyrene-d10	19.657	212	345477	27.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.399	264	372034	28.279	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	146166	13.150	ng/u1	99
74) Anthracene	17.395	178	15916	1.385	ng/u1	95
77) Carbazole	17.672	167	14856	1.589	ng/u1	93
80) Fluoranthene	19.323	202	346415	23.218	ng/u1	99
82) Pyrene	19.687	202	307605	19.862	ng/u1	99
85) Benzo(a)anthracene	21.502	228	180380	10.792	ng/u1	98
87) Chrysene	21.561	228	192285	12.494	ng/u1	97
90) Benzo(b)fluoranthene	23.635	252	248051	15.224	ng/u1	99
91) Benzo(k)fluoranthene	23.688	252	98221m	5.938	ng/u1	
93) Benzo(a)pyrene	24.464	252	178734	11.553	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.118	276	129297	6.911	ng/u1	98
95) Dibenzo(a,h)anthracene	28.147	278	34623	2.244	ng/u1#	91
96) Benzo(g,h,i)perylene	29.217	276	119887	8.055	ng/u1	95

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

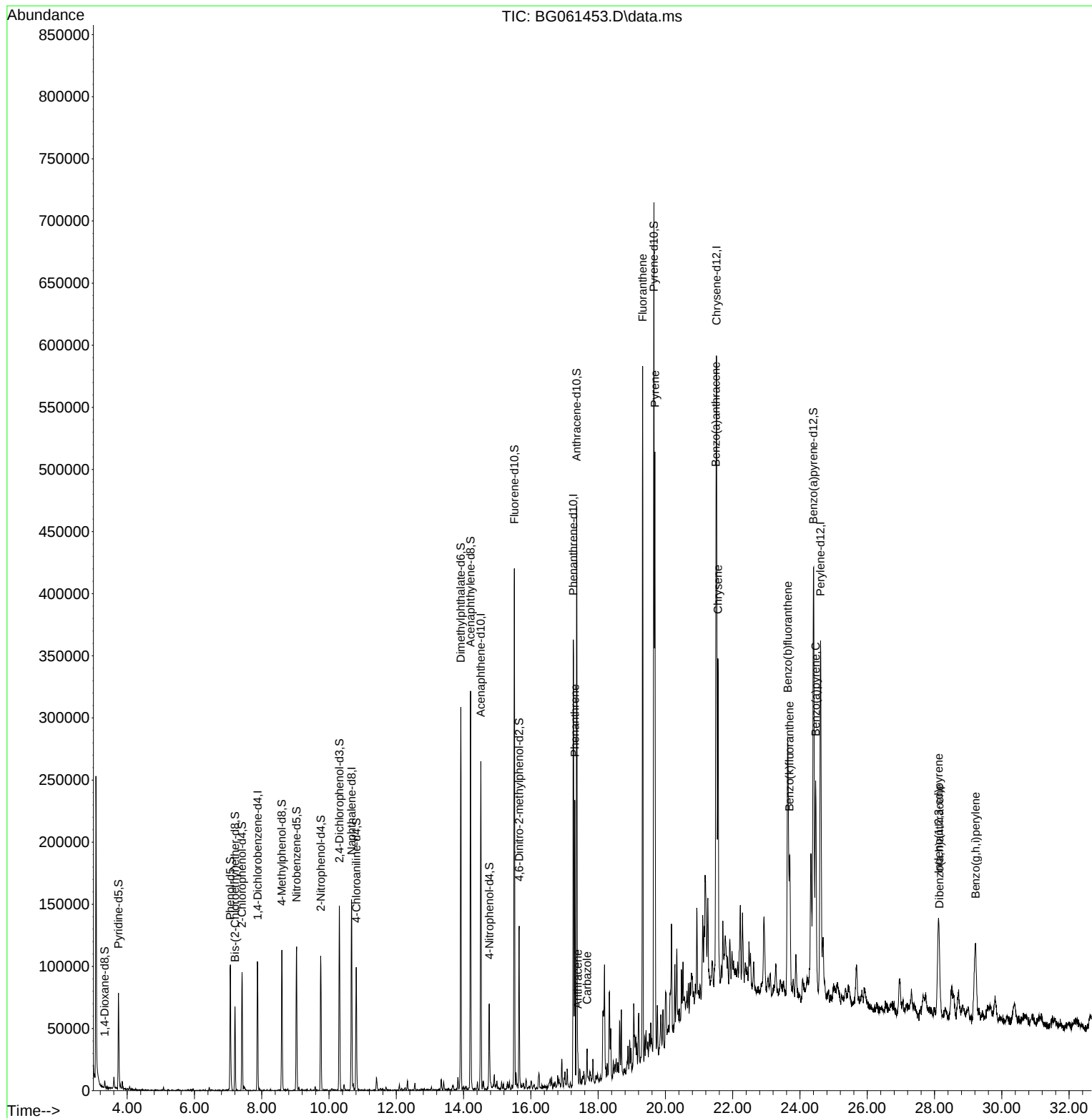
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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 Operator : MA/JU
 Sample : P2590-09
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 ALS Vial : 5 Sample Multiplier: 1

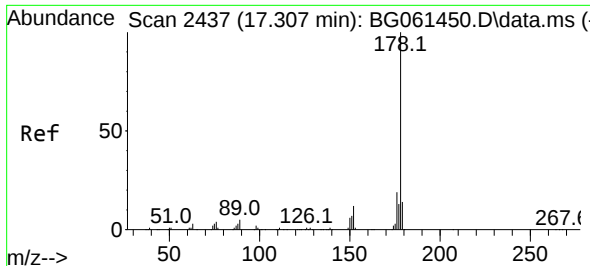
Instrument :
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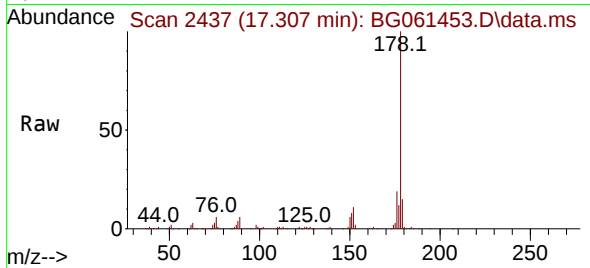
Quant Time: Jun 04 23:21:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 13.150 ng/u1
RT: 17.307 min Scan# 2437
Delta R.T. 0.008 min
Lab File: BG061453.D
Acq: 4 Jun 2024 13:26

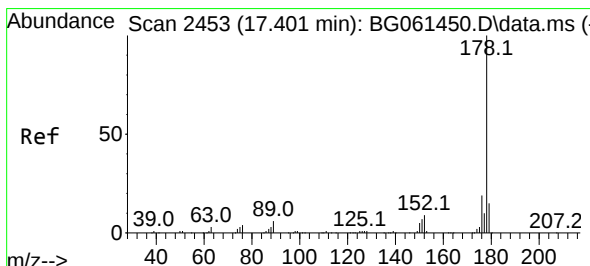
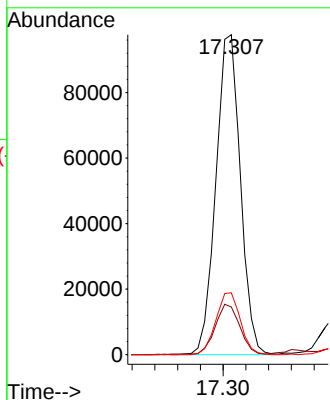
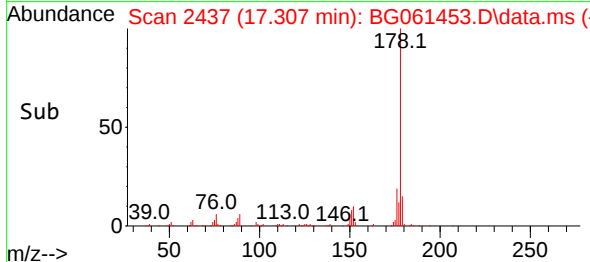
Instrument :
BNA_G
ClientSampleId :
BHBL5



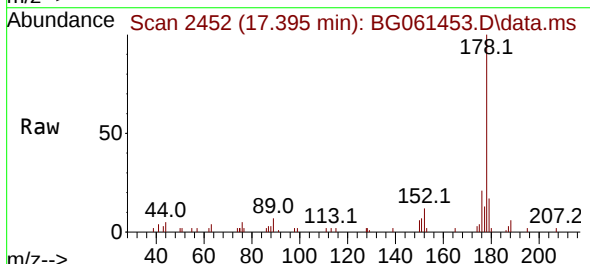
Tgt Ion:178 Resp: 146160
Ion Ratio Lower Upper
178 100
179 14.9 12.7 19.1
176 19.4 15.5 23.3

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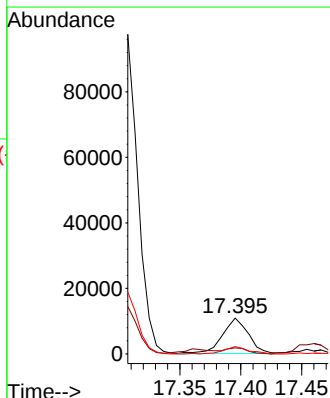
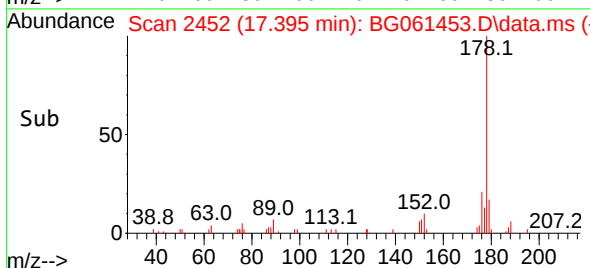
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

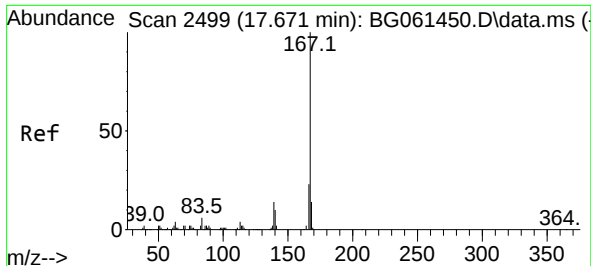


#74
Anthracene
Concen: 1.385 ng/u1
RT: 17.395 min Scan# 2452
Delta R.T. 0.002 min
Lab File: BG061453.D
Acq: 4 Jun 2024 13:26



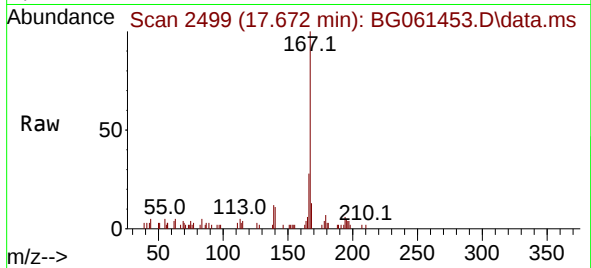
Tgt Ion:178 Resp: 15916
Ion Ratio Lower Upper
178 100
179 17.0 11.8 17.6
176 20.5 14.9 22.3





#77
 Carbazole
 Concen: 1.589 ng/ul
 RT: 17.672 min Scan# 2499
 Delta R.T. 0.008 min
 Lab File: BG061453.D
 Acq: 4 Jun 2024 13:26

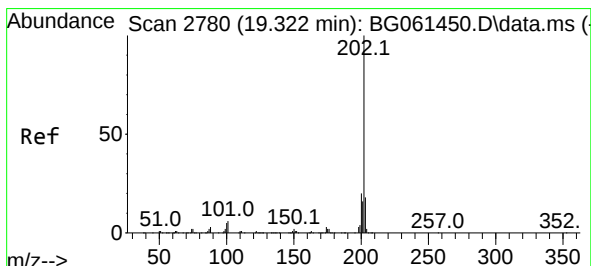
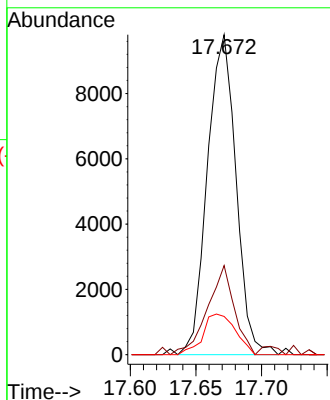
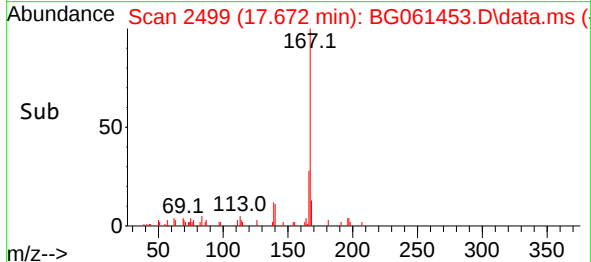
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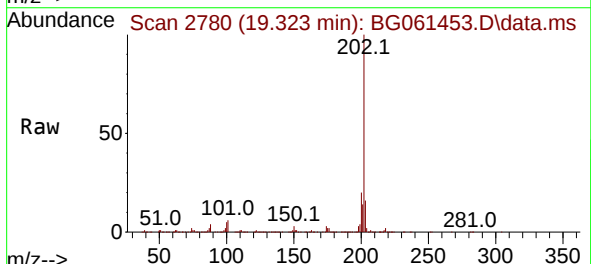
Tgt Ion:167 Resp: 14850
 Ion Ratio Lower Upper
 167 100
 166 27.9 18.6 28.0
 139 11.9 10.6 15.8

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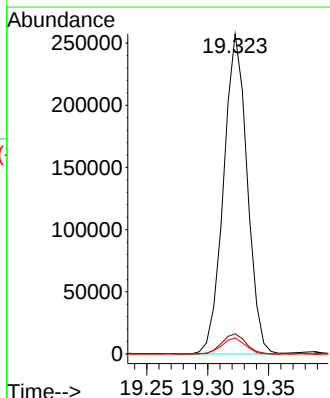
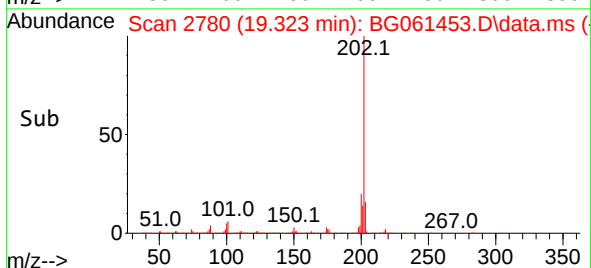
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

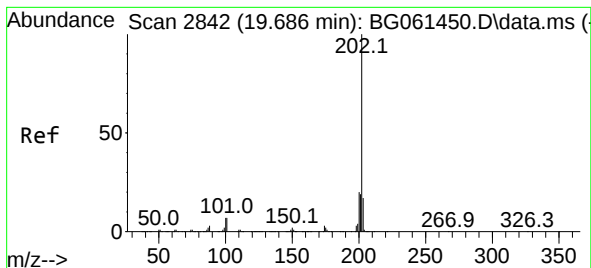


#80
 Fluoranthene
 Concen: 23.218 ng/ul
 RT: 19.323 min Scan# 2780
 Delta R.T. 0.008 min
 Lab File: BG061453.D
 Acq: 4 Jun 2024 13:26



Tgt Ion:202 Resp: 346415
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.8 7.2
 100 5.0 4.1 6.1





#82

Pyrene

Concen: 19.862 ng/ul

RT: 19.687 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

BHBL5

Tgt Ion:202 Resp: 30760

Ion Ratio Lower Upper

202 100

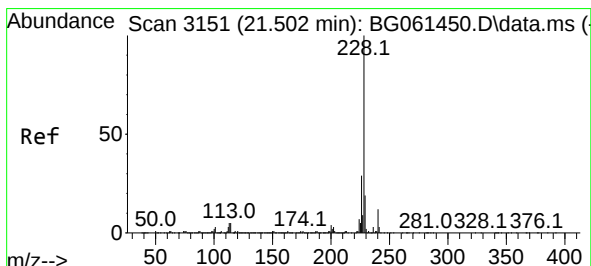
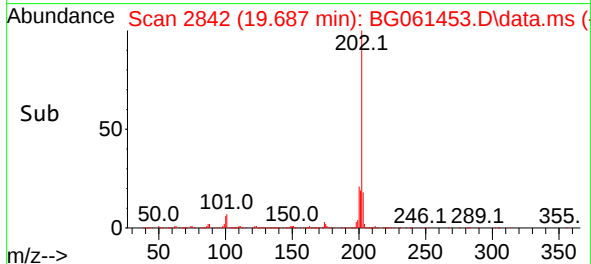
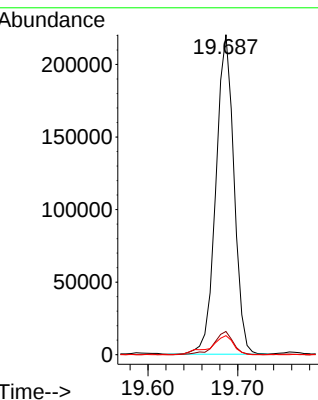
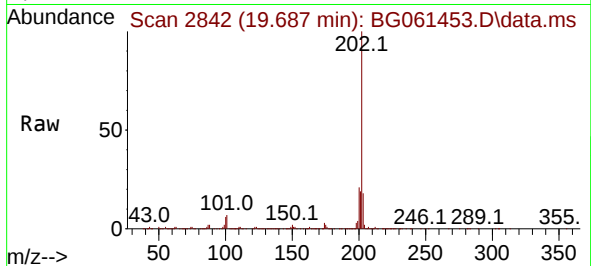
101 7.2 5.7 8.5

100 6.0 5.1 7.7

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#85

Benzo(a)anthracene

Concen: 10.792 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.008 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

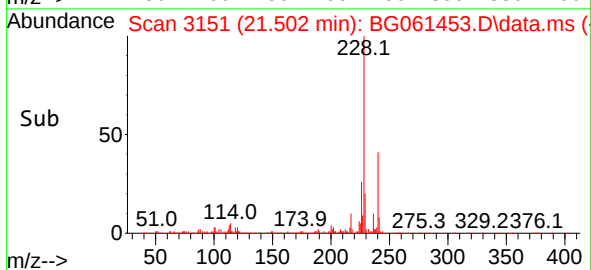
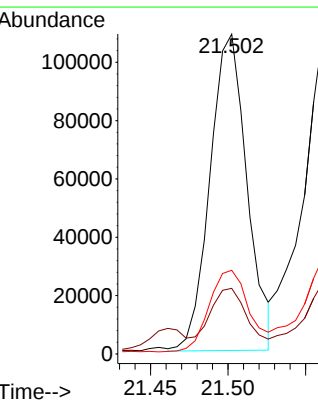
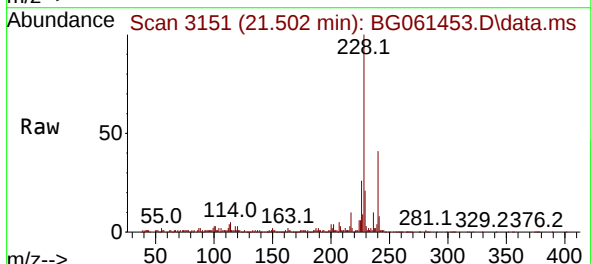
Tgt Ion:228 Resp: 180380

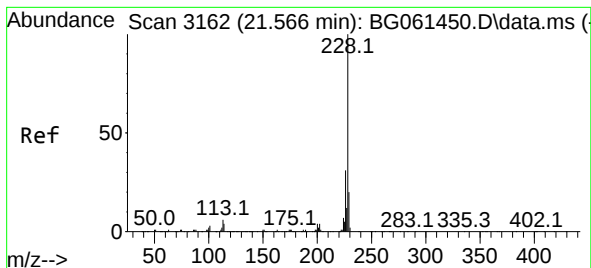
Ion Ratio Lower Upper

228 100

229 20.5 15.2 22.8

226 26.2 21.4 32.2





#87

Chrysene

Concen: 12.494 ng/ul

RT: 21.561 min Scan# 3161

Delta R.T. 0.008 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

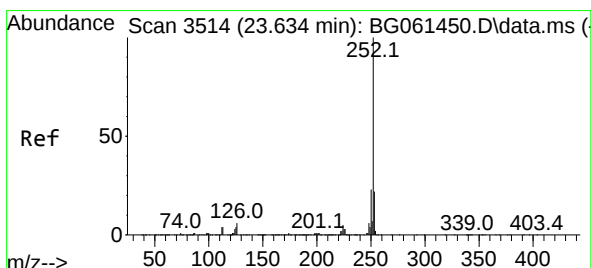
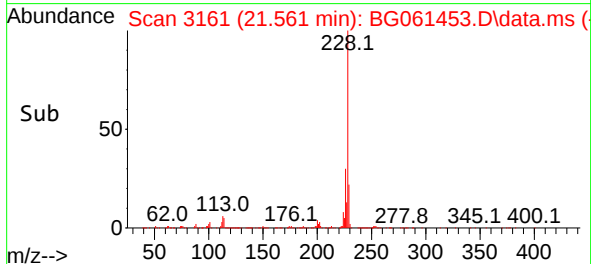
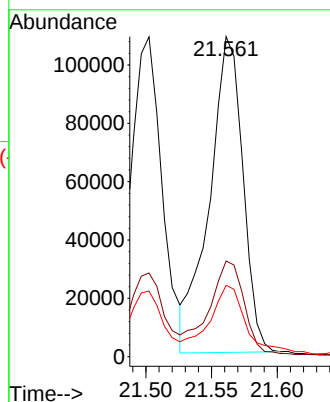
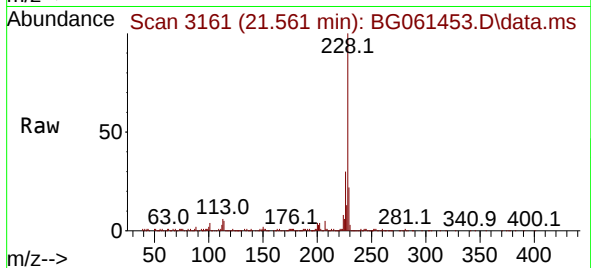
BHBL5

Tgt Ion:	228	Resp:	192285
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	22.3	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 15.224 ng/ul

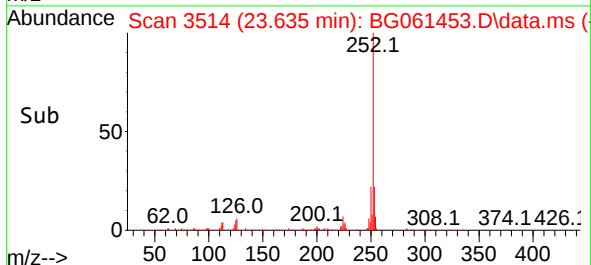
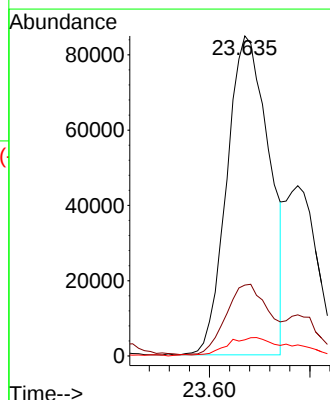
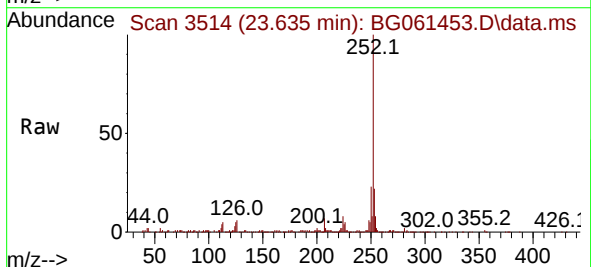
RT: 23.635 min Scan# 3514

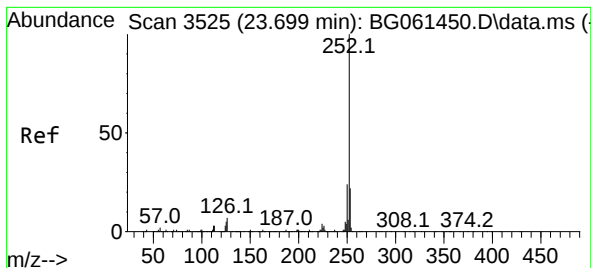
Delta R.T. 0.020 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Tgt Ion:	252	Resp:	248051
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	5.1	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 5.938 ng/ul m

RT: 23.688 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

BHBL5

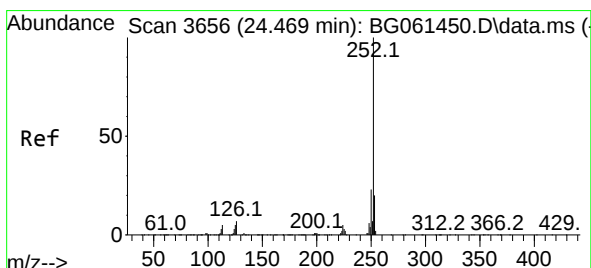
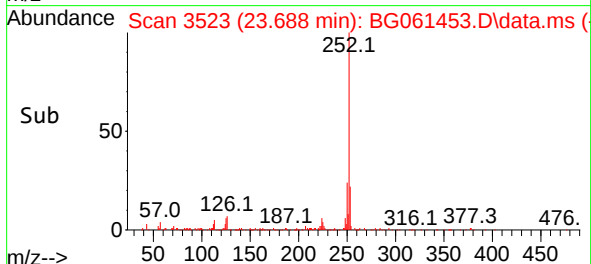
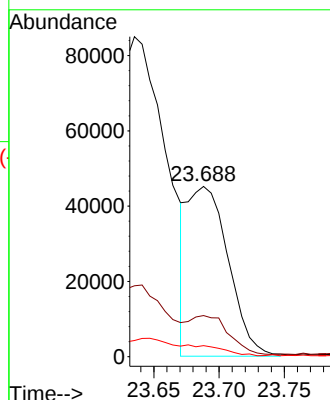
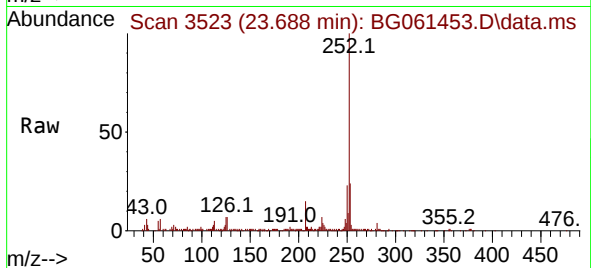
Tgt Ion:252 Resp: 9822

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0
125	6.5	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 11.553 ng/ul

RT: 24.464 min Scan# 3655

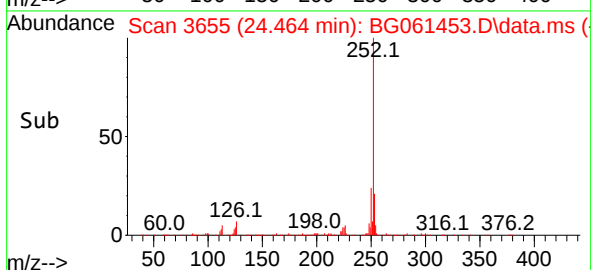
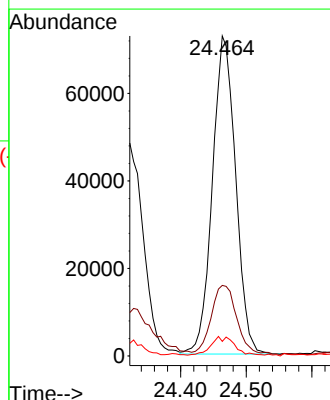
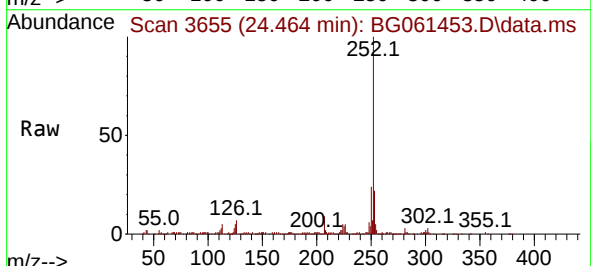
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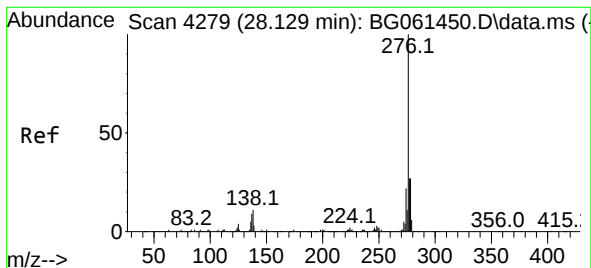
Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Tgt Ion:252 Resp: 178734

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.4	24.6
125	4.6	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.911 ng/ul

RT: 28.118 min Scan# 41

Delta R.T. 0.025 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

Instrument :

BNA_G

ClientSampleId :

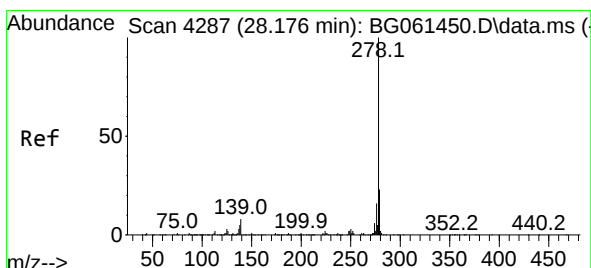
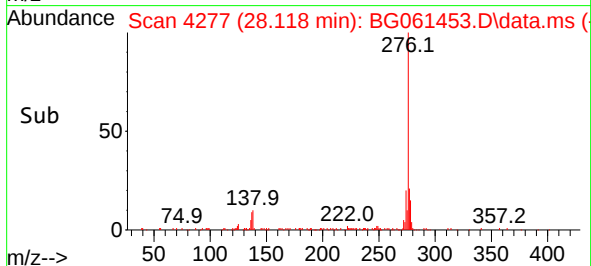
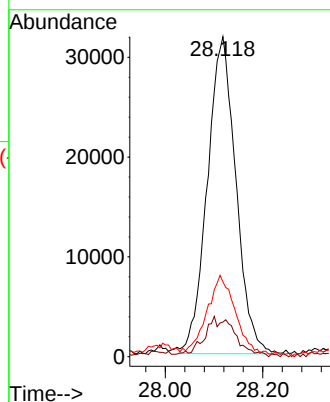
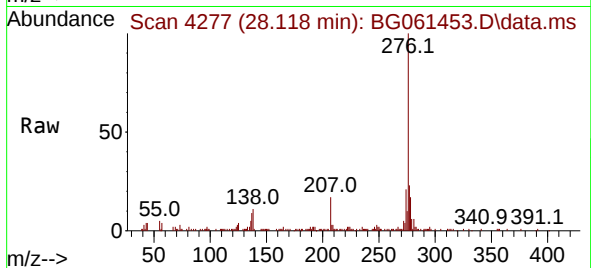
BHBL5

Tgt Ion:	276	Resp:	12929
Ion Ratio	Lower	Upper	
276	100		
138	10.8	8.6	13.0
277	23.4	19.7	29.5

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#95

Dibenzo(a,h)anthracene

Concen: 2.244 ng/ul

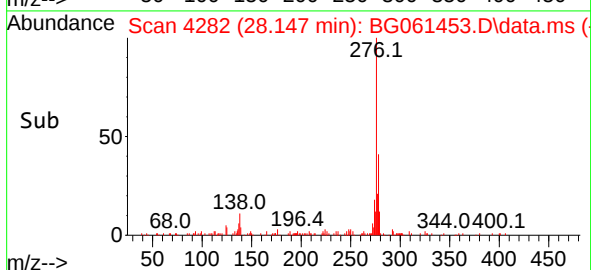
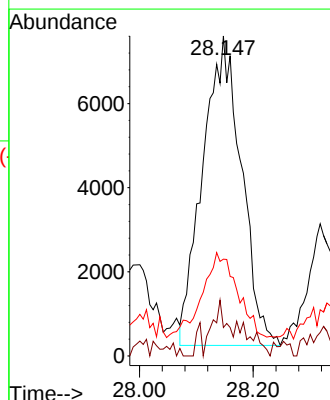
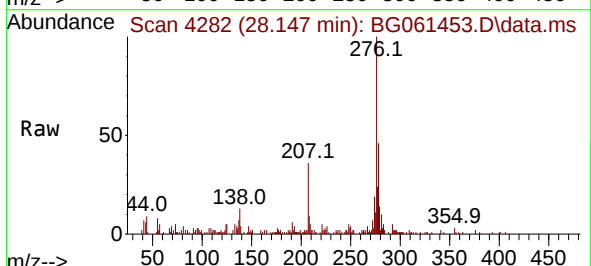
RT: 28.147 min Scan# 4282

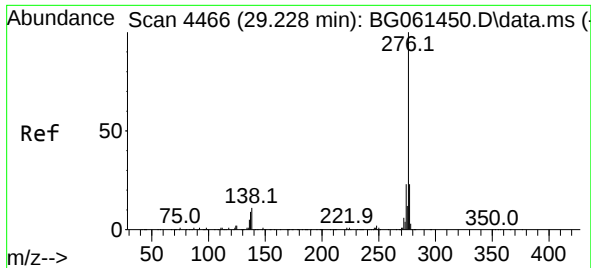
Delta R.T. 0.008 min

Lab File: BG061453.D

Acq: 4 Jun 2024 13:26

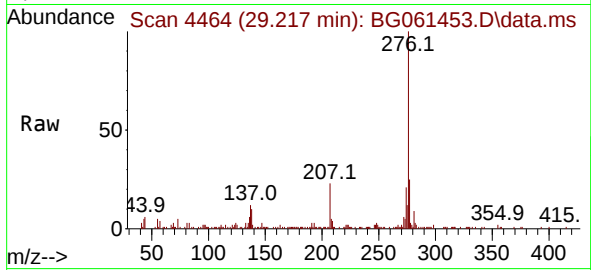
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Ion Ratio	Lower	Upper	
278	100		
139	8.9	6.4	9.6
279	30.3	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 8.055 ng/ul
 RT: 29.217 min Scan# 4464
 Delta R.T. 0.043 min
 Lab File: BG061453.D
 Acq: 4 Jun 2024 13:26

Instrument :
 BNA_G
 ClientSampleId :
 BHBL5



Tgt Ion:276 Resp: 11988
 Ion Ratio Lower Upper
 276 100
 138 9.7 8.7 13.1
 277 25.4 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
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