

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061560.D
 Acq On : 8 Jun 2024 10:02
 Operator : MA/JU
 Sample : P2647-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBS5

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 23:31:12 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	7.871	152	23088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	94262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.511	164	70026	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	163414	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	179043	20.000	ng/u1	0.00
88) Perylene-d12	24.622	264	206114	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	1553	3.764	ng/uL	-0.02
4) Pyridine-d5	3.741	84	24515	16.703	ng/u1	-0.03
7) Phenol-d5	7.061	99	41479	21.877	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.202	67	24774	20.788	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.413	132	33528	23.894	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	34355	21.250	ng/u1	0.00
21) Nitrobenzene-d5	9.029	128	18021	24.831	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.752	143	20521	24.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	40946	24.728	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	41479	19.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	124774	22.974	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	137330	24.322	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	10314	15.361	ng/u1	0.00
60) Fluorene-d10	15.504	176	112041	23.895	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	14366	14.535	ng/u1	0.00
73) Anthracene-d10	17.360	188	174393	24.206	ng/u1	0.00
81) Pyrene-d10	19.658	212	217141	23.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.405	264	242010	24.423	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	16252	2.049	ng/u1#	94
80) Fluoranthene	19.323	202	35583	3.227	ng/u1	98
82) Pyrene	19.687	202	34141	2.982	ng/u1#	96
85) Benzo(a)anthracene	21.503	228	19797	1.602	ng/u1	97
87) Chrysene	21.567	228	21141	1.858	ng/u1	97
90) Benzo(b)fluoranthene	23.641	252	27559	2.246	ng/u1#	98
93) Benzo(a)pyrene	24.470	252	21377m	1.834	ng/u1	
96) Benzo(g,h,i)perylene	29.252	276	13858m	1.236	ng/u1	

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

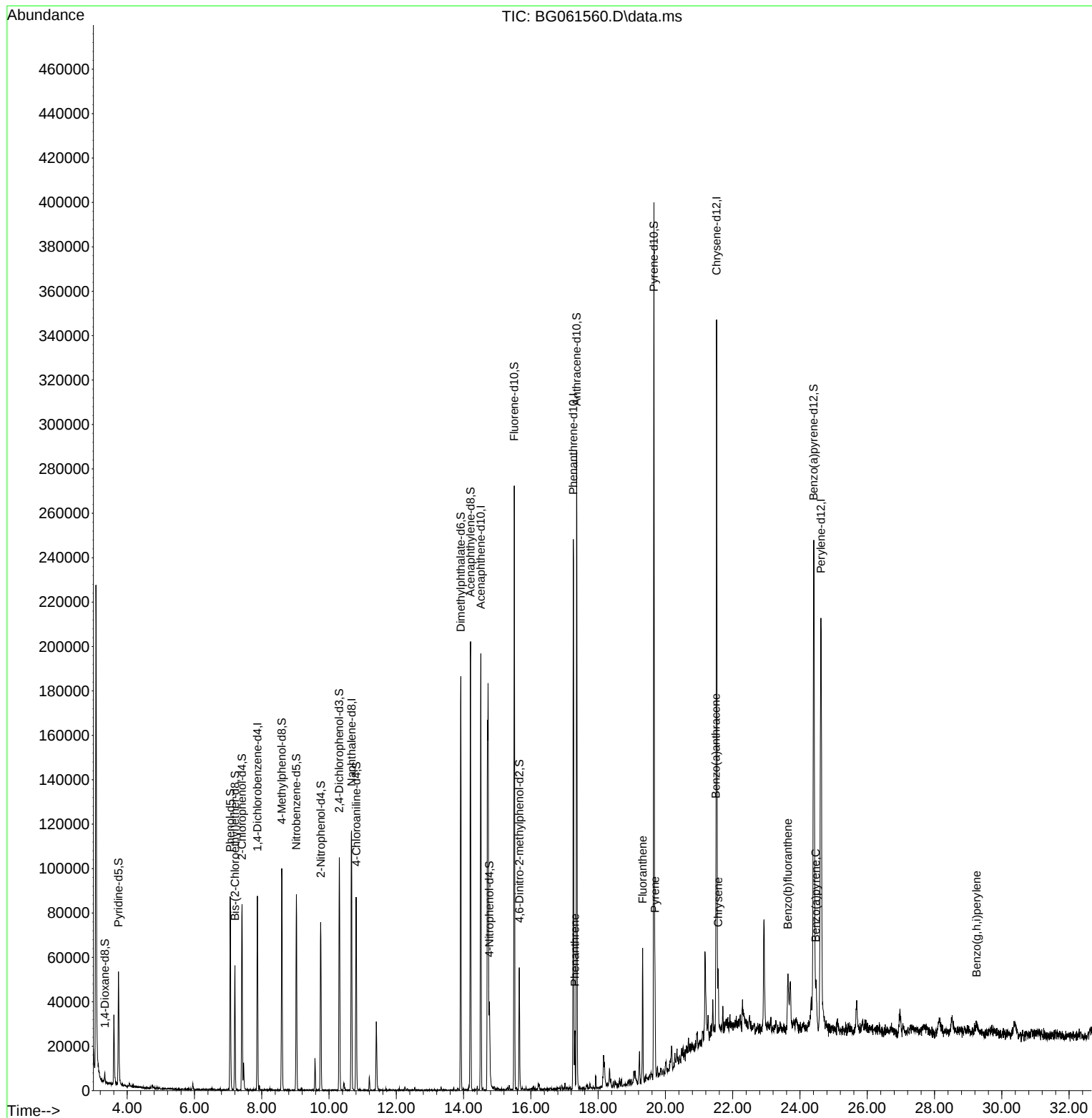
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061560.D
Acq On : 8 Jun 2024 10:02
Operator : MA/JU
Sample : P2647-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

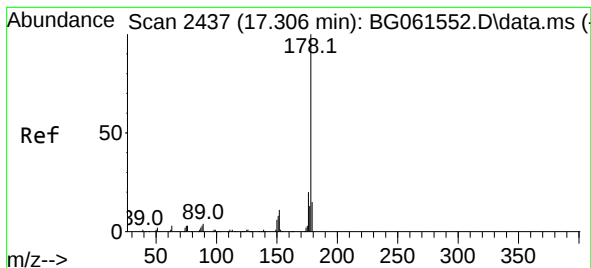
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.049 ng/ul

RT: 17.307 min Scan# 2437

Delta R.T. 0.001 min

Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

Instrument :

BNA_G

ClientSampleId :

BHBS5

Tgt Ion:178 Resp: 1625

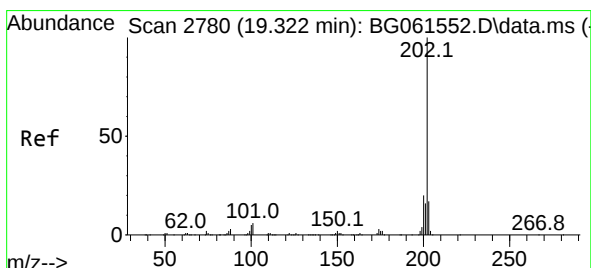
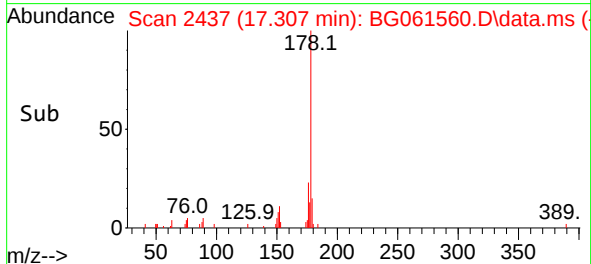
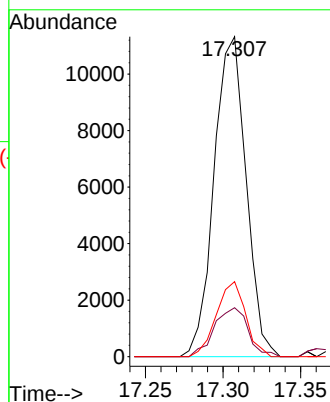
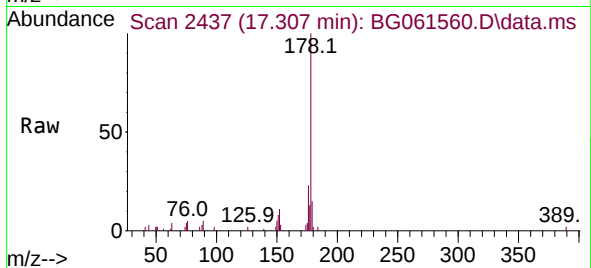
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	23.4	15.5	23.3

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#80

Fluoranthene

Concen: 3.227 ng/ul

RT: 19.323 min Scan# 2780

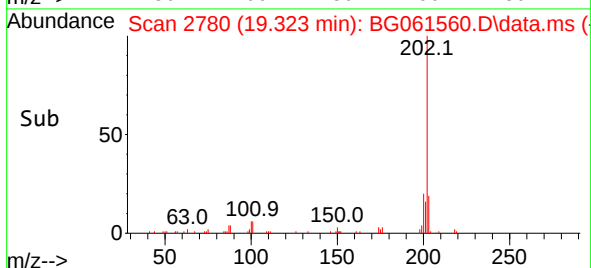
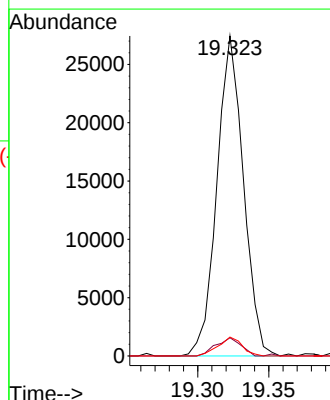
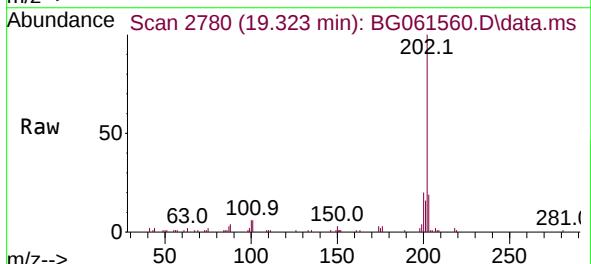
Delta R.T. 0.001 min

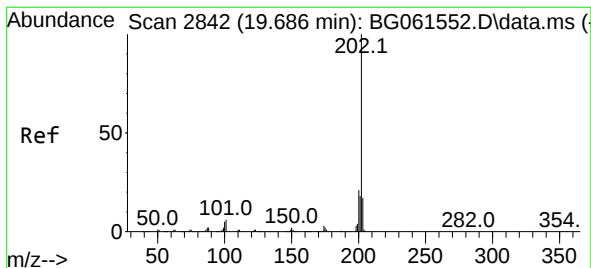
Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

Tgt Ion:202 Resp: 35583

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.8	7.2
100	5.9	4.1	6.1





#82

Pyrene

Concen: 2.982 ng/ul

RT: 19.687 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

Instrument :

BNA_G

ClientSampleId :

BHBS5

Tgt Ion:202 Resp: 3414

Ion Ratio Lower Upper

202 100

101 5.3 5.7 8.5

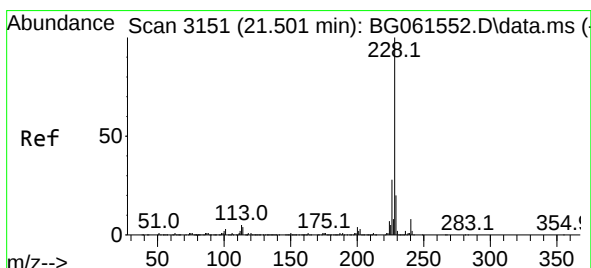
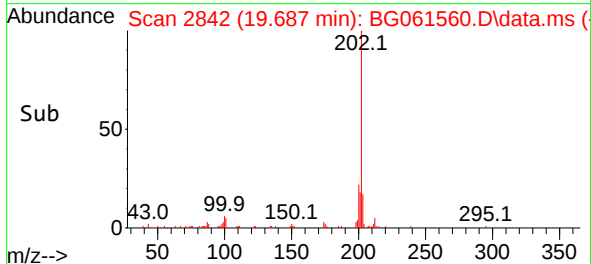
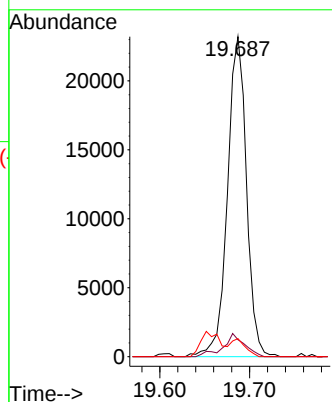
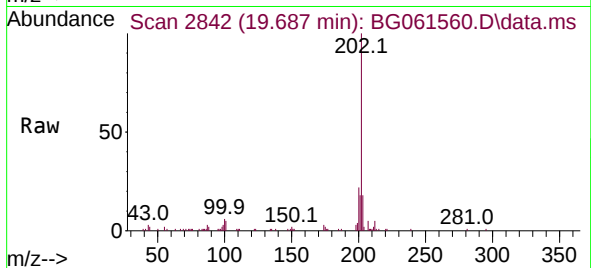
100 5.7 5.1 7.7

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#85

Benzo(a)anthracene

Concen: 1.602 ng/ul

RT: 21.503 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

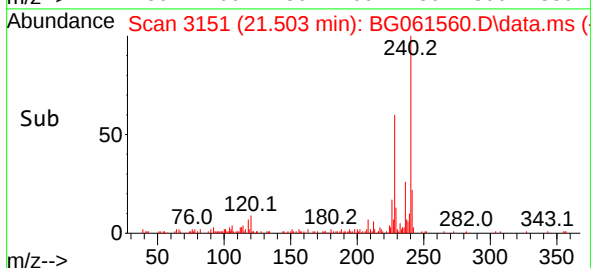
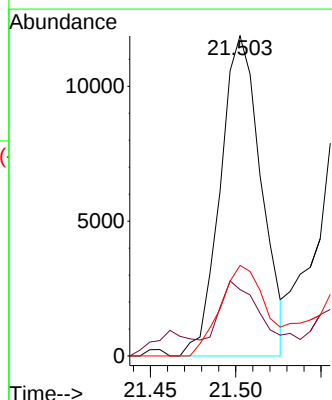
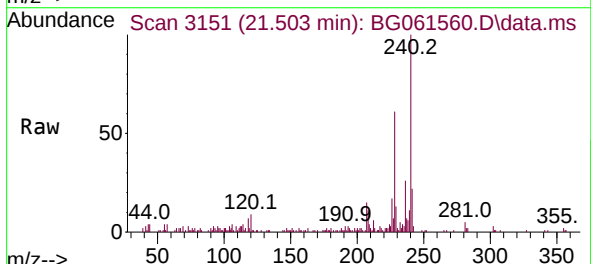
Tgt Ion:228 Resp: 19797

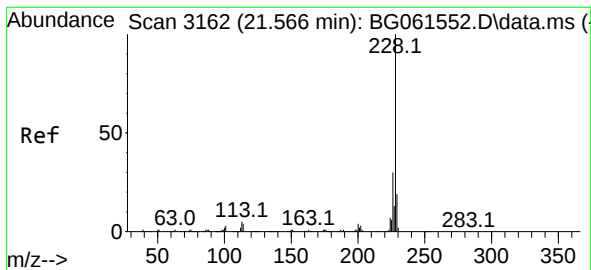
Ion Ratio Lower Upper

228 100

229 20.8 15.2 22.8

226 28.3 21.4 32.2





#87

Chrysene

Concen: 1.858 ng/ul

RT: 21.567 min Scan# 3162

Delta R.T. 0.001 min

Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

Instrument :

BNA_G

ClientSampleId :

BHBS5

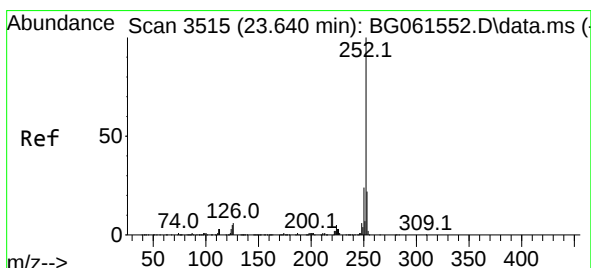
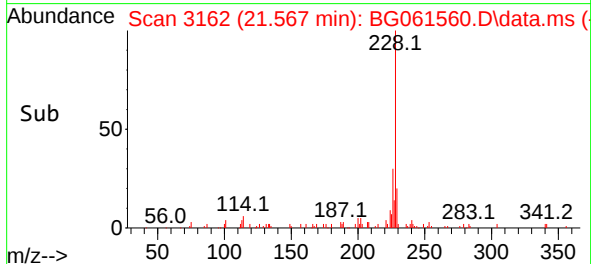
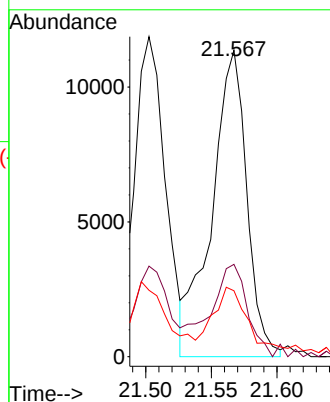
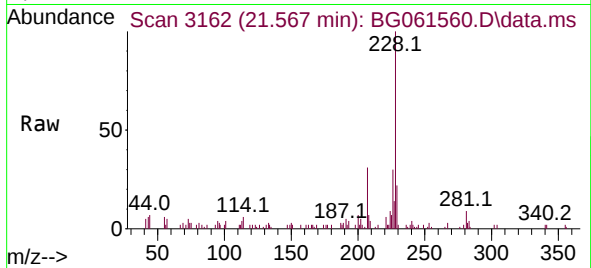
Tgt Ion:	228	Resp:	2114
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	21.5	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 2.246 ng/ul

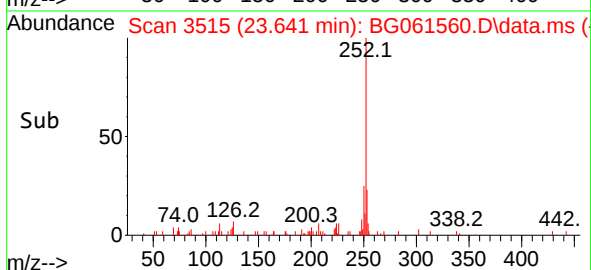
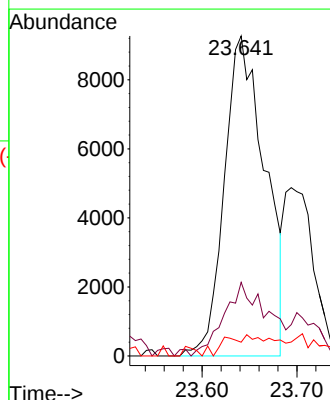
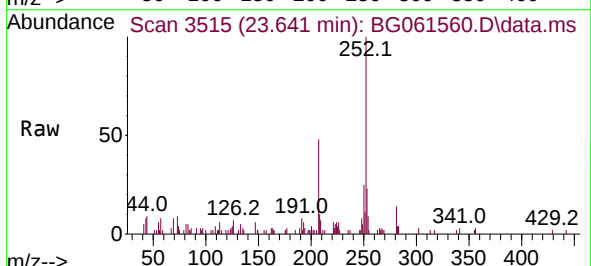
RT: 23.641 min Scan# 3515

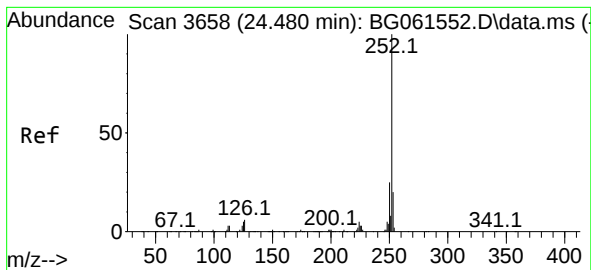
Delta R.T. 0.007 min

Lab File: BG061560.D

Acq: 8 Jun 2024 10:02

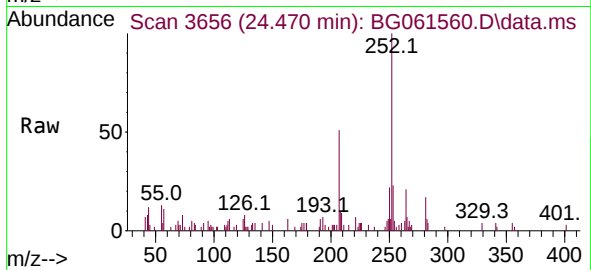
Tgt Ion:	252	Resp:	27559
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	4.3	4.6	6.8





#93
Benzo(a)pyrene
Concen: 1.834 ng/ul m
RT: 24.470 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BG061560.D
Acq: 8 Jun 2024 10:02

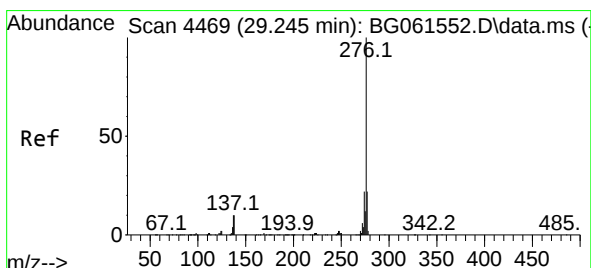
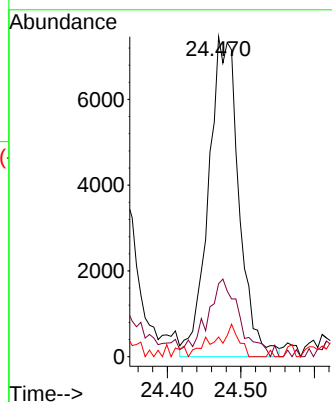
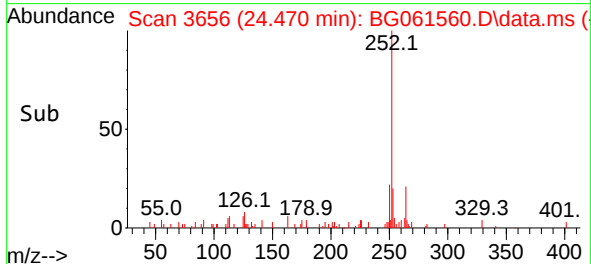
Instrument :
BNA_G
ClientSampleId :
BHBS5



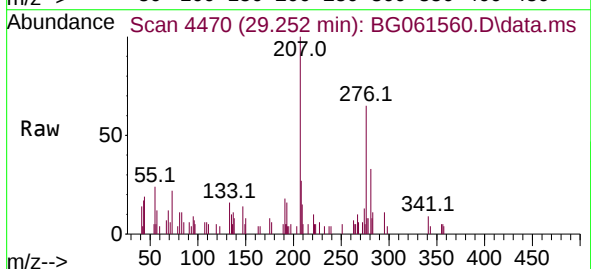
Tgt Ion:252 Resp: 2137
Ion Ratio Lower Upper
252 100
253 22.8 16.4 24.6
125 6.2 4.3 6.5

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Supervised By :mohammad ahmed 06/10/2024



#96
Benzo(g,h,i)perylene
Concen: 1.236 ng/ul m
RT: 29.252 min Scan# 4470
Delta R.T. 0.030 min
Lab File: BG061560.D
Acq: 8 Jun 2024 10:02



Tgt Ion:276 Resp: 13858
Ion Ratio Lower Upper
276 100
138 12.9 8.7 13.1
277 12.8 18.2 27.2#

