

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061866.D
 Acq On : 3 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 00:58:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	39468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	193872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	143011	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	349632	20.000	ng/u1	0.00
79) Chrysene-d12	21.719	240	308002	20.000	ng/u1	0.00
88) Perylene-d12	24.956	264	366341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	3319	3.160	ng/uL	0.00
4) Pyridine-d5	3.911	84	6784	2.101	ng/u1	0.00
7) Phenol-d5	7.248	99	83873	19.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	52892	19.337	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	58681	19.806	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	63080	18.549	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	30774	20.871	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	38898	23.101	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	69922	21.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.038	131	57304	12.153	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	268984	22.878	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	273401	22.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	37306	19.869	ng/u1	-0.01
60) Fluorene-d10	15.709	176	231604	23.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	38330	20.875	ng/u1	-0.01
73) Anthracene-d10	17.553	188	375143	22.981	ng/u1	0.00
81) Pyrene-d10	19.833	212	381994	21.086	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	289077	15.911	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.501	178	44965	2.439	ng/u1	98
80) Fluoranthene	19.504	202	91406	4.263	ng/u1	98
82) Pyrene	19.862	202	74468	3.363	ng/u1	99
85) Benzo(a)anthracene	21.701	228	51631	2.315	ng/u1	97
87) Chrysene	21.760	228	49057	2.350	ng/u1	97
90) Benzo(b)fluoranthene	23.928	252	64471m	2.793	ng/u1	
91) Benzo(k)fluoranthene	23.993	252	28166m	1.224	ng/u1	
93) Benzo(a)pyrene	24.798	252	28555	1.307	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.652	276	30248m	1.083	ng/u1	

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

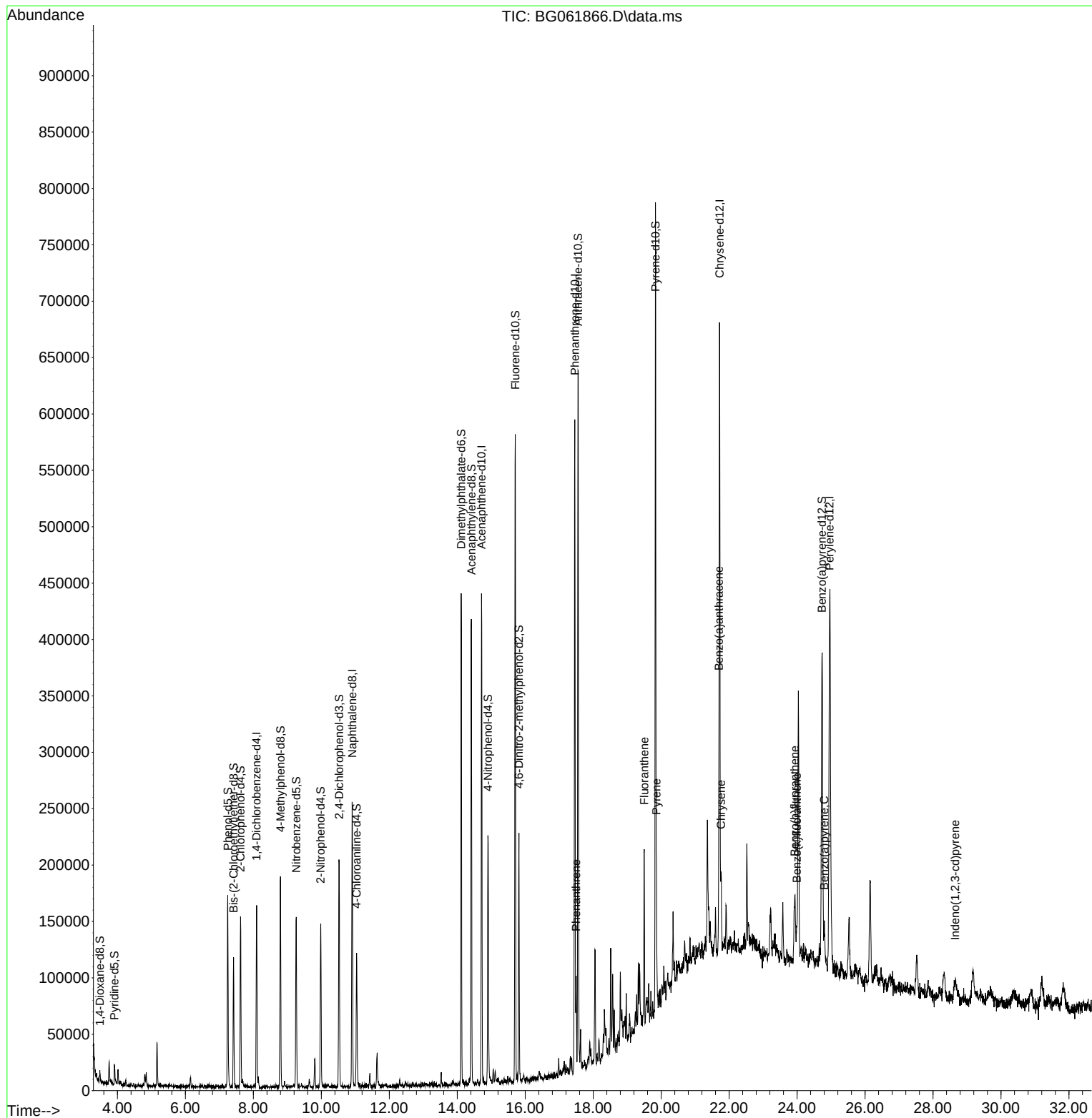
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061866.D
Acq On : 3 Jul 2024 16:21
Operator : MA/JU
Sample : P2964-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

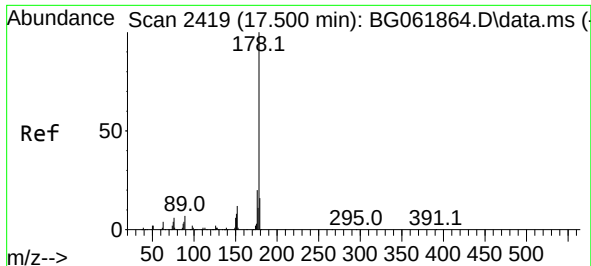
Instrument :
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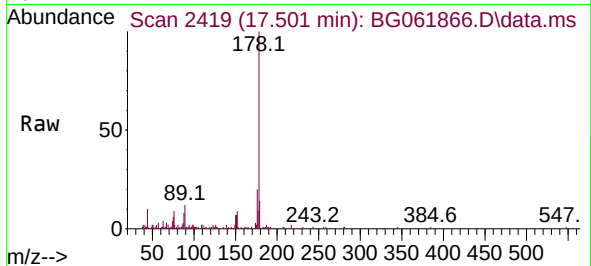
Quant Time: Jul 04 00:58:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.439 ng/ul
RT: 17.501 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG061866.D
Acq: 3 Jul 2024 16:21

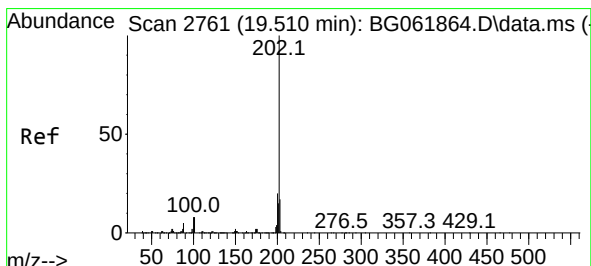
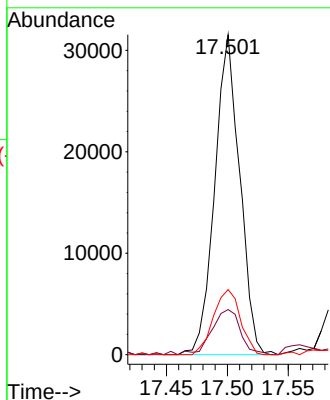
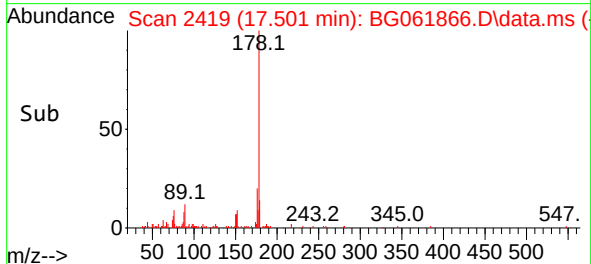
Instrument :
BNA_G
ClientSampleId :
A4CT0



Tgt Ion:178 Resp: 4496
Ion Ratio Lower Upper
178 100
179 14.1 11.9 17.9
176 20.3 15.5 23.3

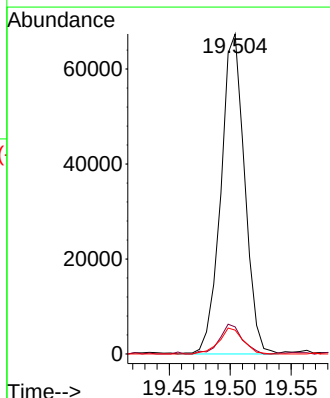
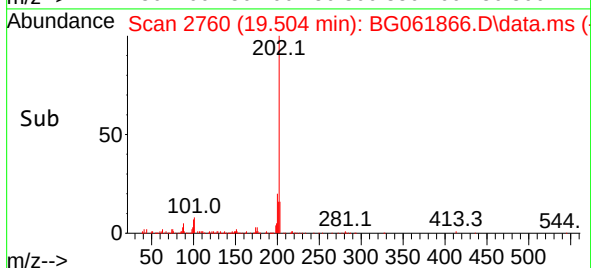
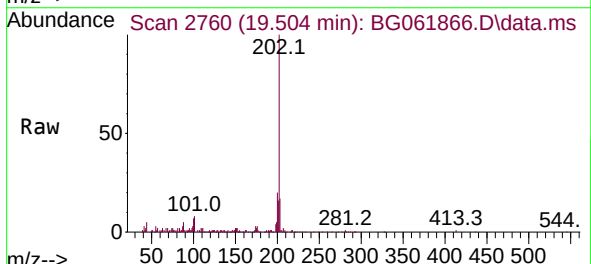
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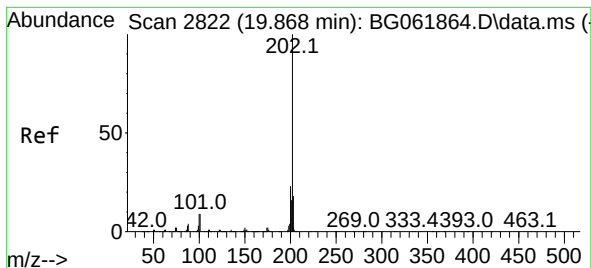
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#80
Fluoranthene
Concen: 4.263 ng/ul
RT: 19.504 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BG061866.D
Acq: 3 Jul 2024 16:21

Tgt Ion:202 Resp: 91406
Ion Ratio Lower Upper
202 100
101 8.5 7.4 11.2
100 7.4 6.6 10.0





#82

Pyrene

Concen: 3.363 ng/ul

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

Instrument :

BNA_G

ClientSampleId :

A4CT0

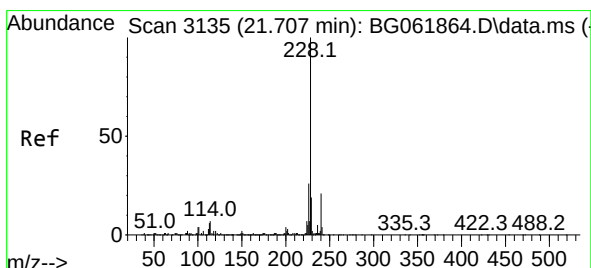
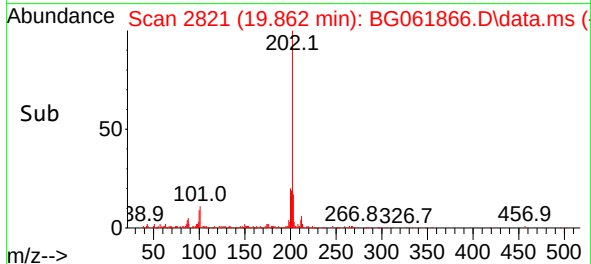
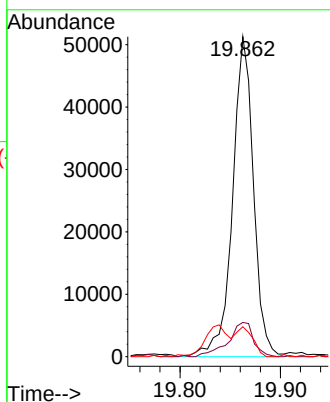
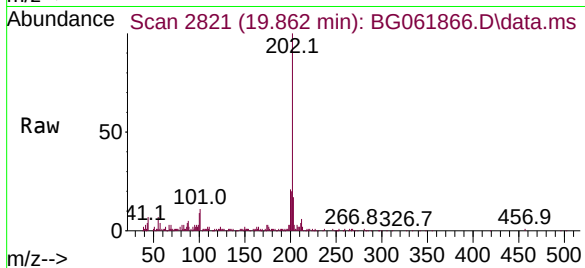
Tgt Ion:	202	Resp:	7446
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.8	13.2
100	9.3	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.315 ng/ul

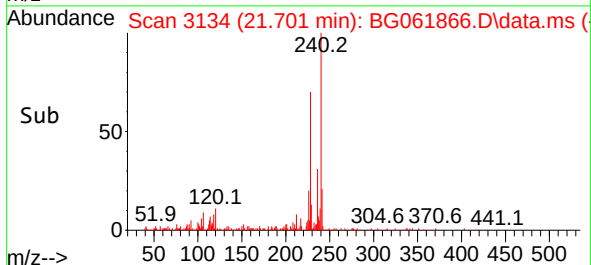
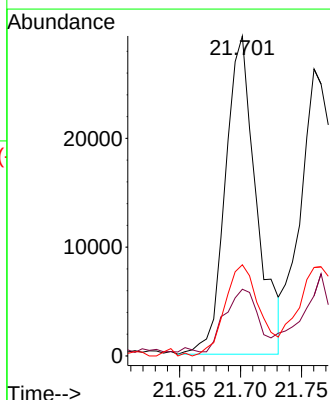
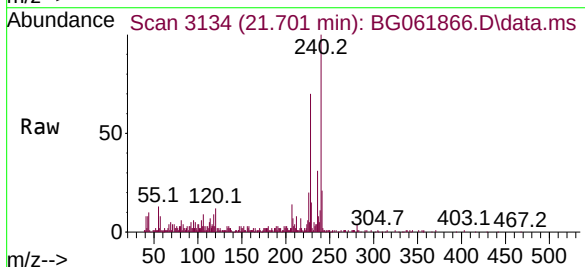
RT: 21.701 min Scan# 3134

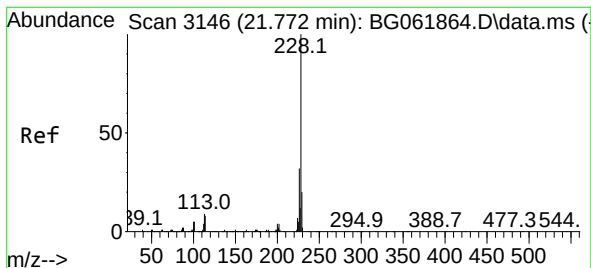
Delta R.T. -0.000 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

Tgt Ion:	228	Resp:	51631
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.7	23.5
226	28.5	21.7	32.5





#87

Chrysene

Concen: 2.350 ng/ul

RT: 21.760 min Scan# 3146

Delta R.T. -0.012 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

Instrument :

BNA_G

ClientSampleId :

A4CT0

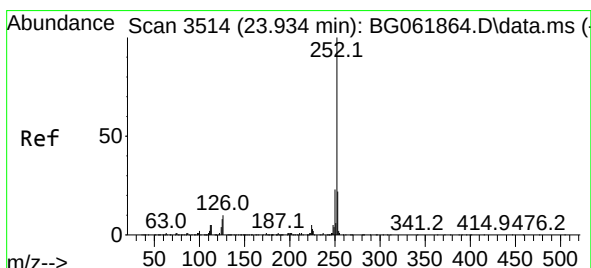
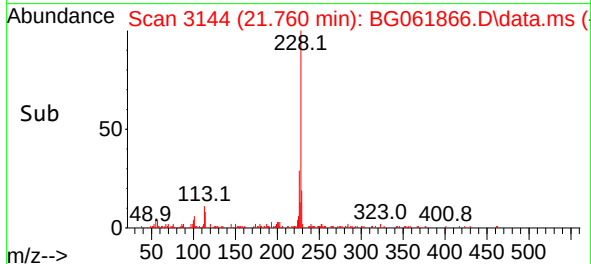
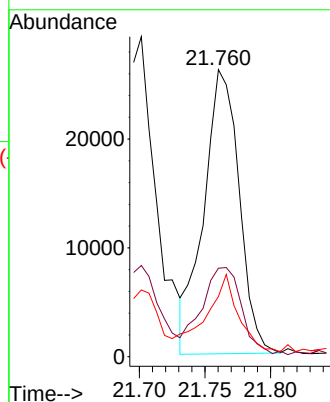
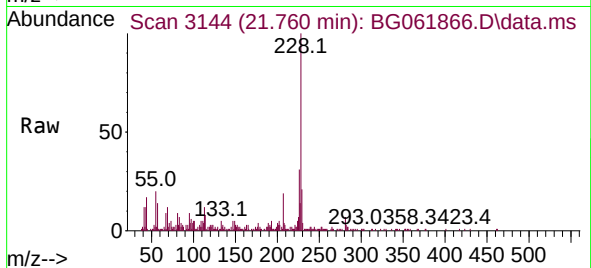
Tgt Ion:	228	Resp:	4905
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.3	34.9
229	20.9	15.5	23.3

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Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(b)fluoranthene

Concen: 2.793 ng/ul m

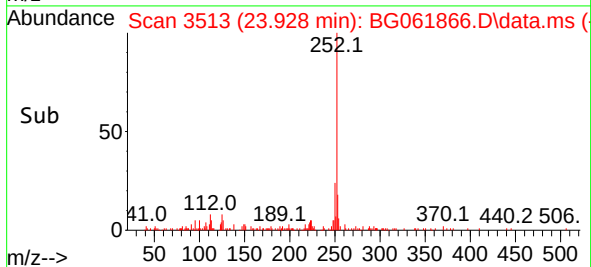
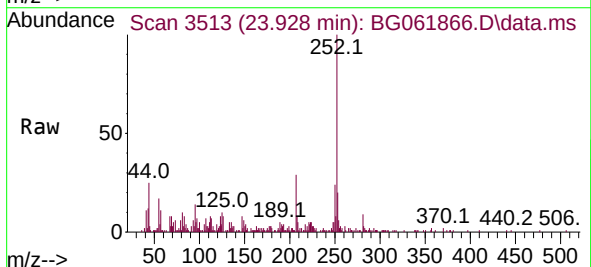
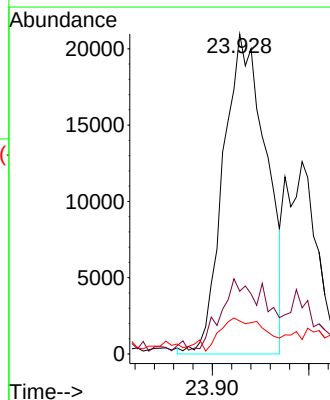
RT: 23.928 min Scan# 3513

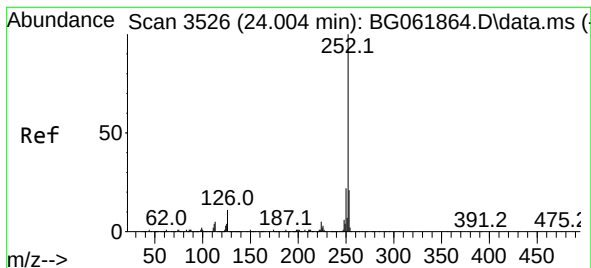
Delta R.T. -0.006 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

Tgt Ion:	252	Resp:	64471
Ion Ratio	Lower	Upper	
252	100		
253	19.6	17.2	25.8
125	10.3	6.1	9.1





#91

Benzo(k)fluoranthene

Concen: 1.224 ng/ul m

RT: 23.993 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

Instrument :

BNA_G

ClientSampleId :

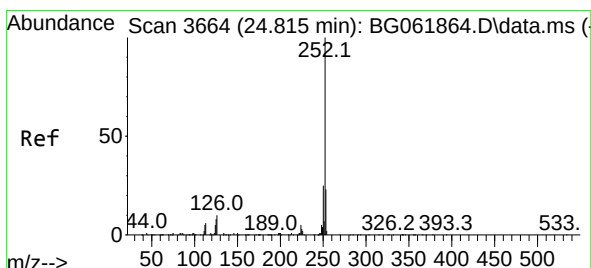
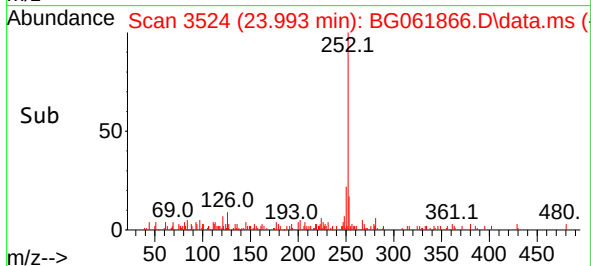
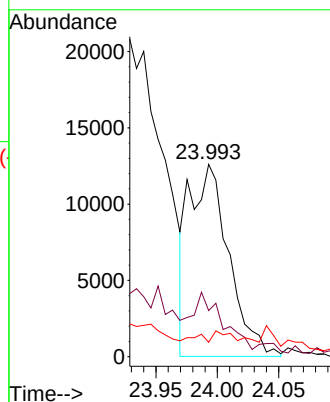
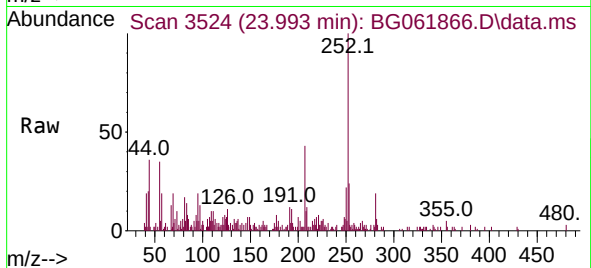
A4CT0

Tgt Ion:	252	Resp:	2816
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.3	28.9
125	7.5	6.3	9.5

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2024



#93

Benzo(a)pyrene

Concen: 1.307 ng/ul

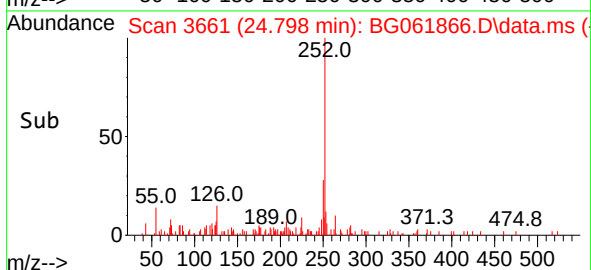
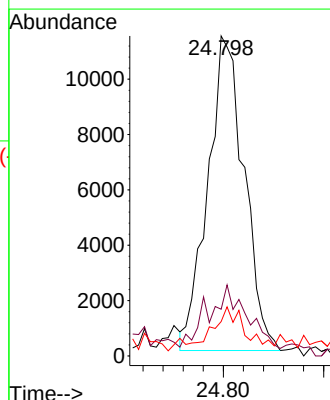
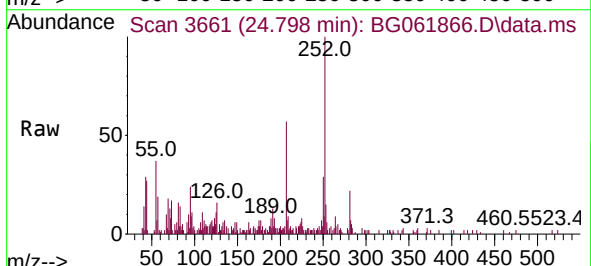
RT: 24.798 min Scan# 3661

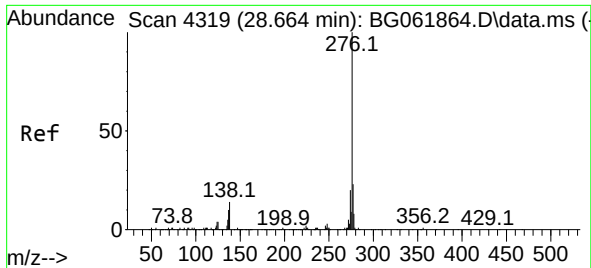
Delta R.T. -0.018 min

Lab File: BG061866.D

Acq: 3 Jul 2024 16:21

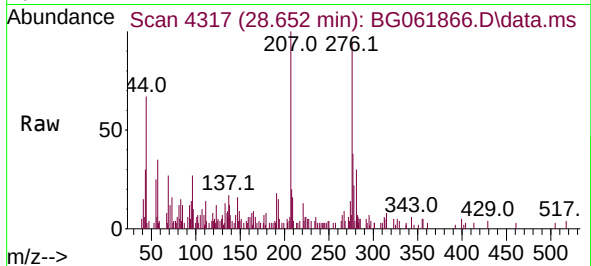
Tgt Ion:	252	Resp:	28555
Ion Ratio	Lower	Upper	
252	100		
253	14.6	16.5	24.7#
125	10.8	7.4	11.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.083 ng/ul m
RT: 28.652 min Scan# 4317
Delta R.T. -0.012 min
Lab File: BG061866.D
Acq: 3 Jul 2024 16:21

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.6	11.9	17.9
277	39.6	19.3	28.9

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