

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061821.D
 Acq On : 1 Jul 2024 20:53
 Operator : MA/JU
 Sample : P2871-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B53

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 22:51:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	57485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	278042	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.683	164	186967	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.426	188	433020	20.000	ng/u1	0.00
79) Chrysene-d12	21.686	240	336711	20.000	ng/u1	0.00
88) Perylene-d12	24.900	264	385939	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	7763	4.878	ng/uL	0.00
4) Pyridine-d5	3.872	84	20596	4.281	ng/u1	0.00
7) Phenol-d5	7.203	99	156049	25.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67	99709	25.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	113834	26.582	ng/u1	0.00
15) 4-Methylphenol-d8	8.748	113	93605	19.403	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	59079	31.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	66245	34.646	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	124591	27.518	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	76737	11.195	ng/u1	0.00
46) Dimethylphthalate-d6	14.083	166	402264	27.959	ng/u1	-0.01
49) Acenaphthylene-d8	14.377	160	446191	28.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	64912	26.270	ng/u1	0.00
60) Fluorene-d10	15.670	176	360882	28.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	38956	21.039	ng/u1	0.00
73) Anthracene-d10	17.526	188	564908	28.580	ng/u1	0.00
81) Pyrene-d10	19.806	212	562816	29.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.677	264	392161	21.275	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.883	105	8327	1.048	ng/u1#	87
72) Phenanthrene	17.467	178	129371	5.679	ng/u1	99
74) Anthracene	17.561	178	25201m	1.082	ng/u1	
80) Fluoranthene	19.477	202	196343m	8.997	ng/u1	
82) Pyrene	19.835	202	141520	6.099	ng/u1	96
85) Benzo(a)anthracene	21.668	228	94086	3.981	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.574	149	45150	3.636	ng/u1#	99
87) Chrysene	21.733	228	87394	3.908	ng/u1	95
90) Benzo(b)fluoranthene	23.884	252	116919	5.040	ng/u1#	91
91) Benzo(k)fluoranthene	23.948	252	37696	1.580	ng/u1#	92
93) Benzo(a)pyrene	24.747	252	43275	1.938	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.560	276	41554m	1.493	ng/u1	

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

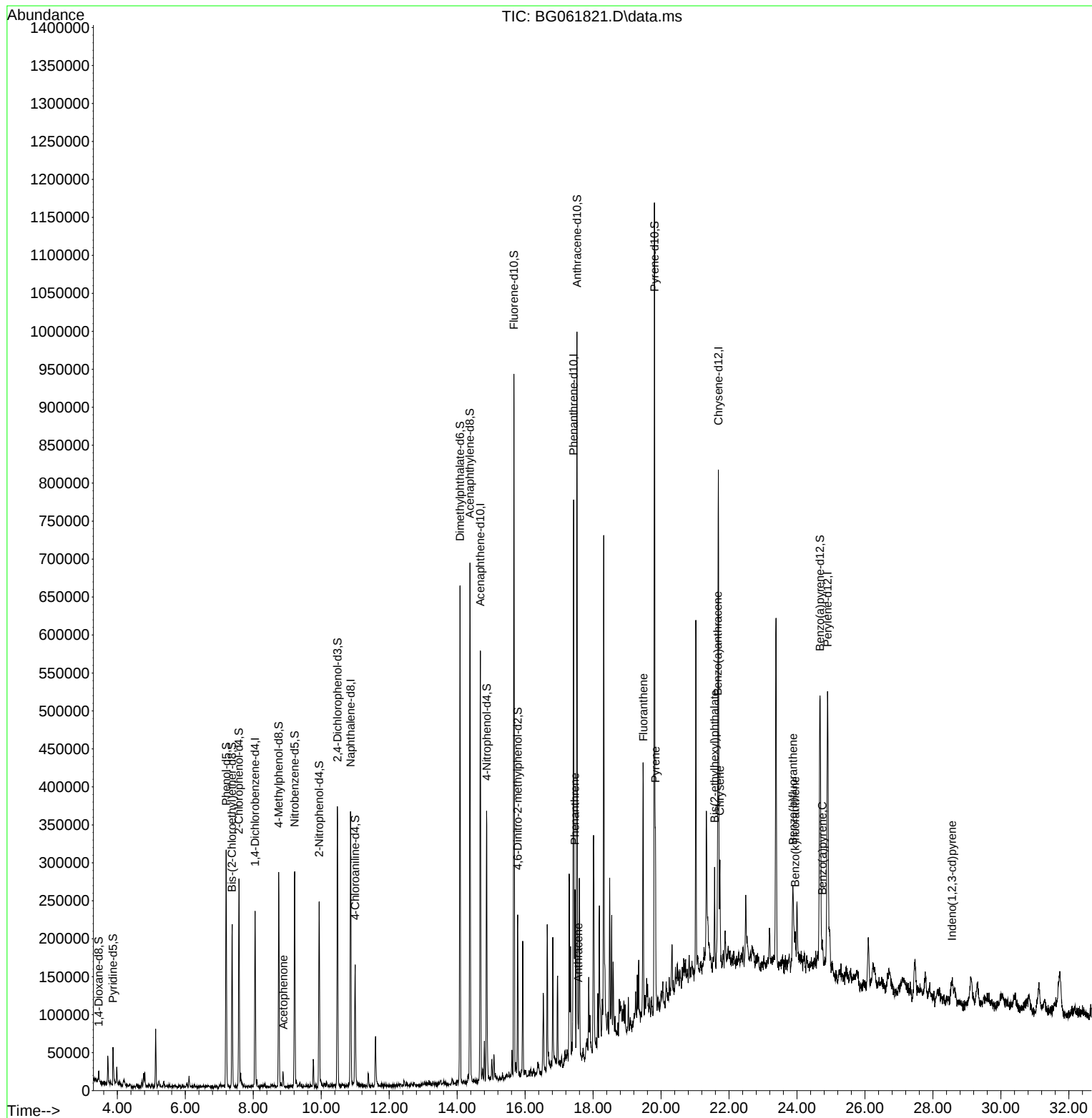
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061821.D
Acq On : 1 Jul 2024 20:53
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

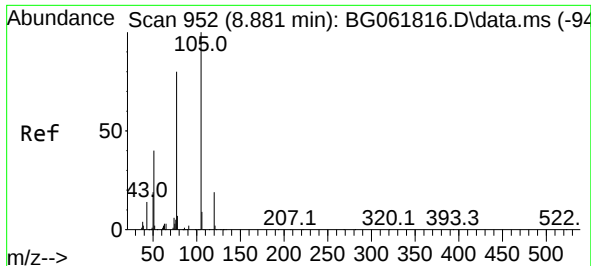
Instrument :
BNA_G
ClientSampleId :
A4B53

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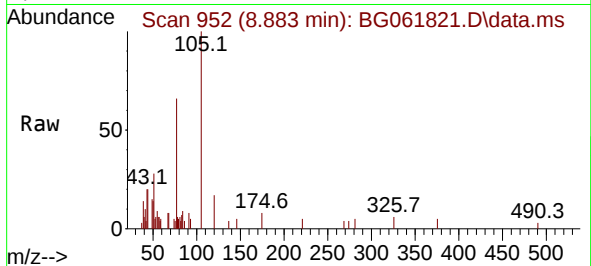
Quant Time: Jul 01 22:51:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.048 ng/ul
RT: 8.883 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53

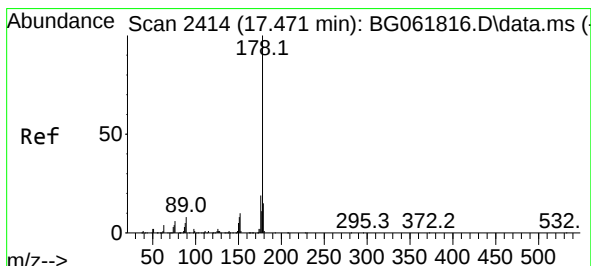
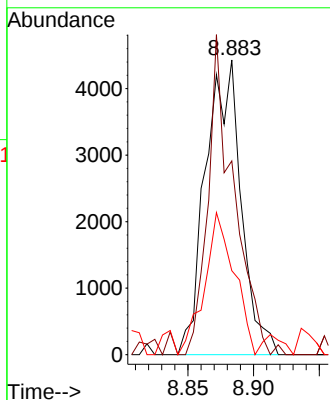
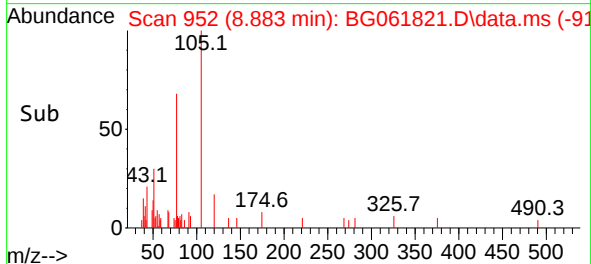
Instrument :
BNA_G
ClientSampleId :
A4B53



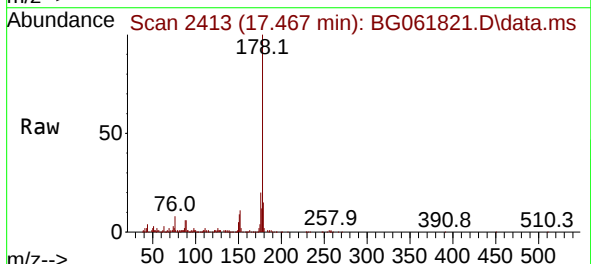
Tgt Ion:105 Resp: 832
Ion Ratio Lower Upper
105 100
77 65.8 60.4 90.6
51 28.5 31.1 46.7

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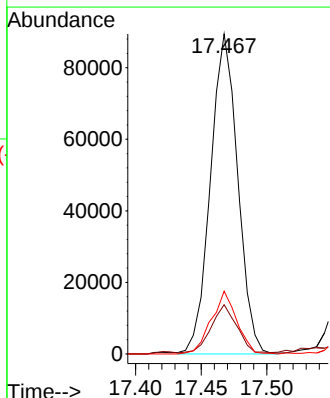
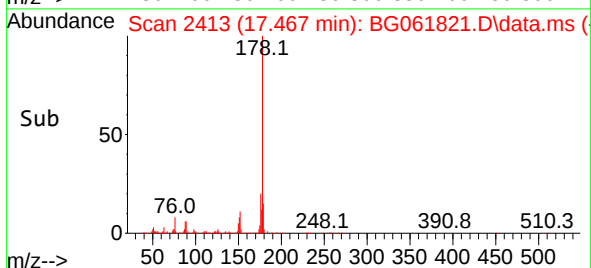
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

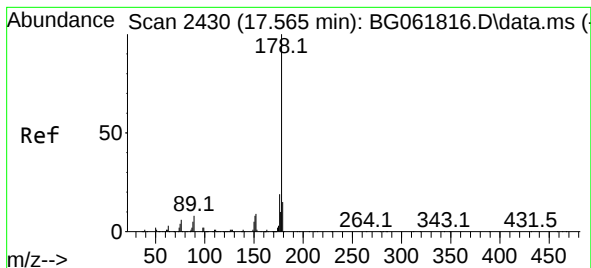


#72
Phenanthrene
Concen: 5.679 ng/ul
RT: 17.467 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53



Tgt Ion:178 Resp: 129371
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.6 16.2 24.2





#74

Anthracene

Concen: 1.082 ng/ul m

RT: 17.561 min Scan# 2430

Delta R.T. -0.004 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

Instrument :

BNA_G

ClientSampleId :

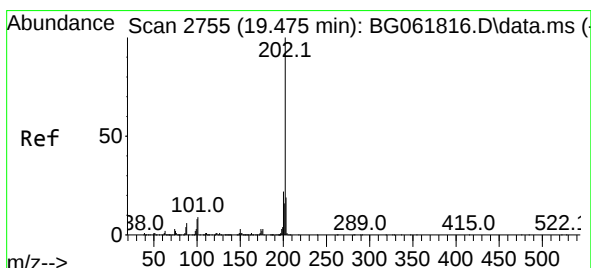
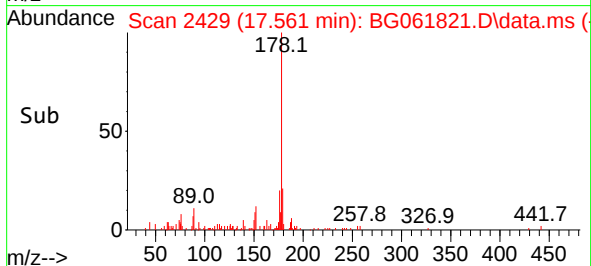
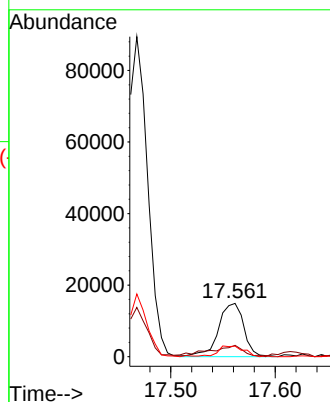
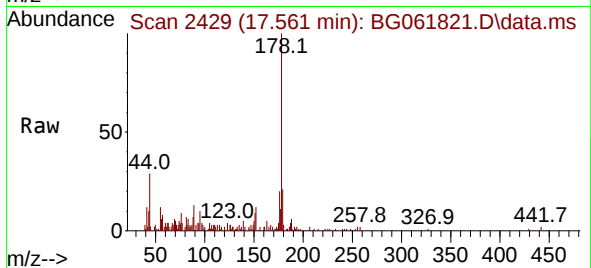
A4B53

Tgt Ion:178	Resp:	2520
Ion Ratio	Lower	Upper
178	100	
179	21.4	11.4 17.2
176	19.8	14.7 22.1

Manual Integrations

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#80

Fluoranthene

Concen: 8.997 ng/ul m

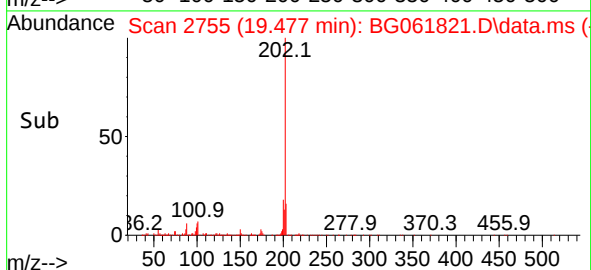
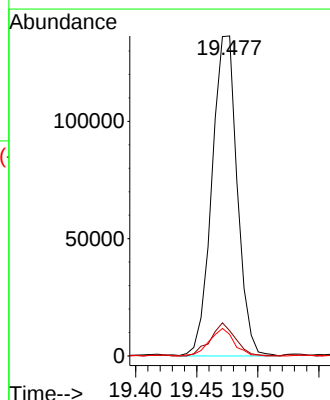
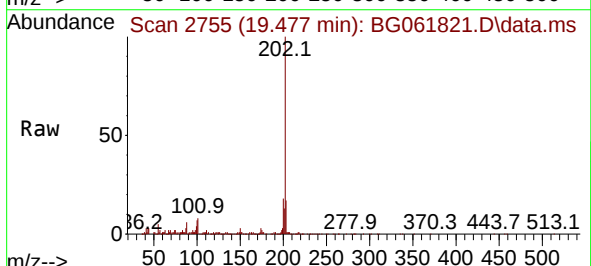
RT: 19.477 min Scan# 2755

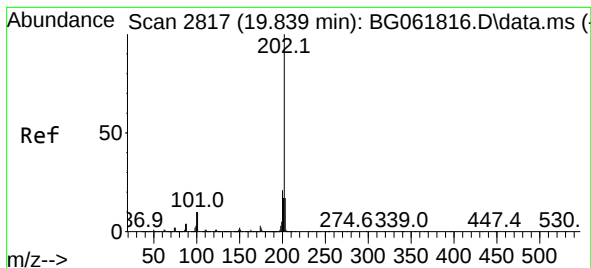
Delta R.T. 0.002 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

Tgt Ion:202	Resp:	196343
Ion Ratio	Lower	Upper
202	100	
101	7.9	7.8 11.6
100	6.7	7.7 11.5





#82

Pyrene

Concen: 6.099 ng/ul

RT: 19.835 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

Instrument :

BNA_G

ClientSampleId :

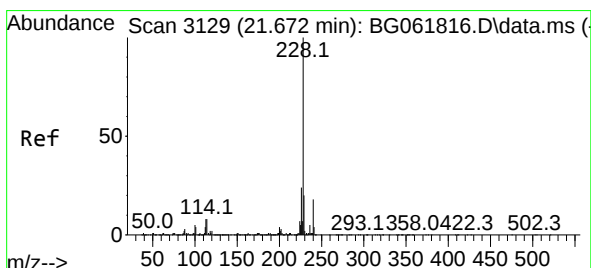
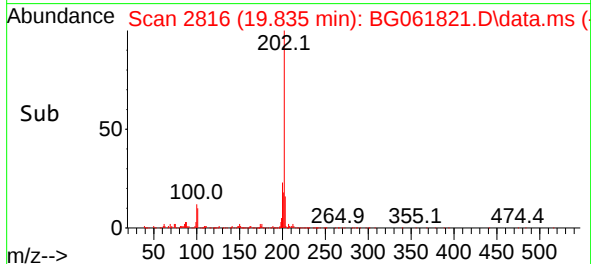
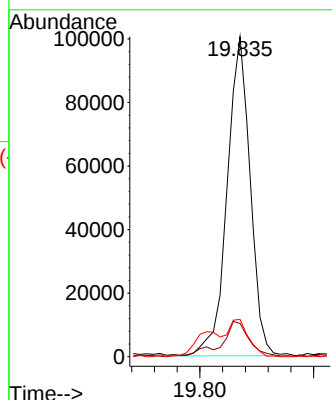
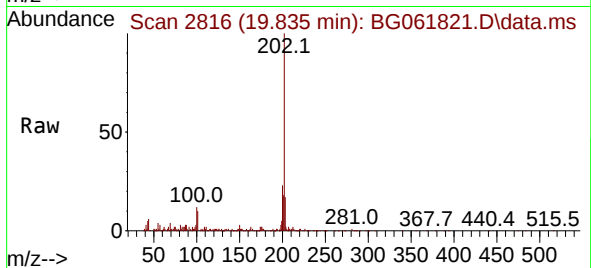
A4B53

Tgt Ion:	202	Resp:	141520
Ion Ratio	Lower	Upper	
202	100		
101	10.4	10.1	15.1
100	11.6	9.9	14.9

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.981 ng/ul

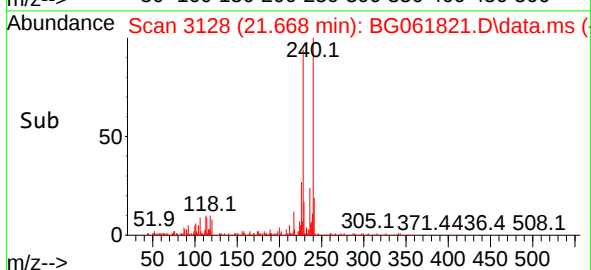
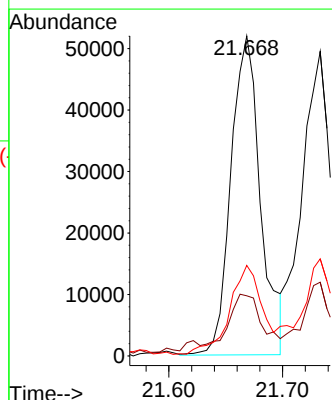
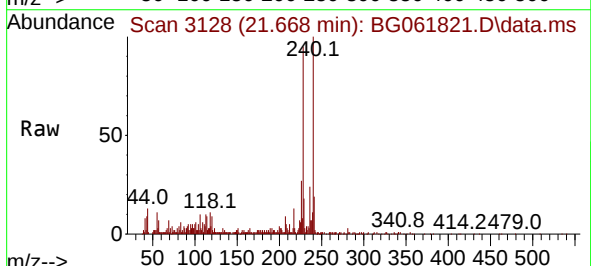
RT: 21.668 min Scan# 3128

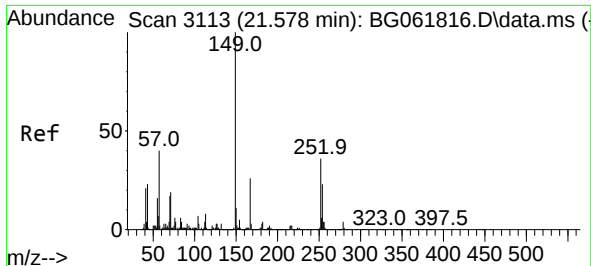
Delta R.T. -0.004 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

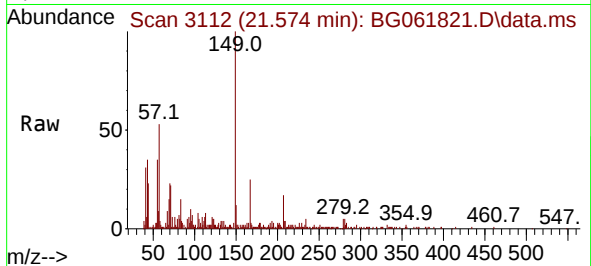
Tgt Ion:	228	Resp:	94086
Ion Ratio	Lower	Upper	
228	100		
229	18.8	15.8	23.8
226	28.3	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.636 ng/ul
RT: 21.574 min Scan# 3113
Delta R.T. -0.016 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53

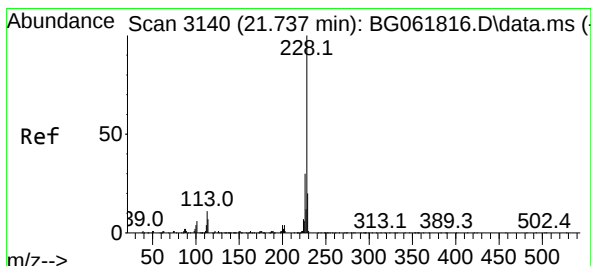
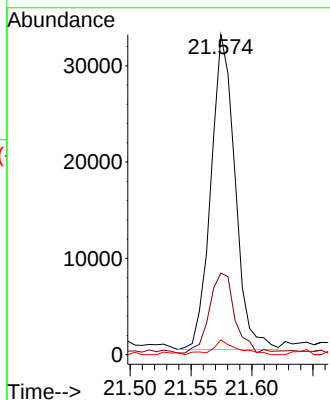
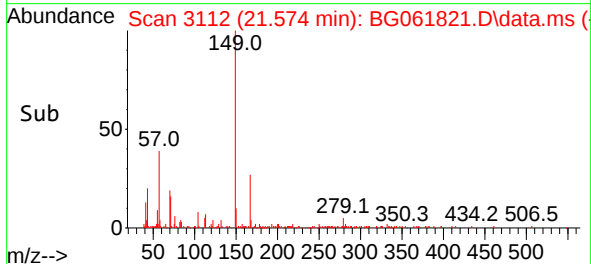
Instrument :
BNA_G
ClientSampleId :
A4B53



Tgt Ion:149 Resp: 45150
Ion Ratio Lower Upper
149 100
167 25.5 20.5 30.7
279 4.6 2.9 4.3

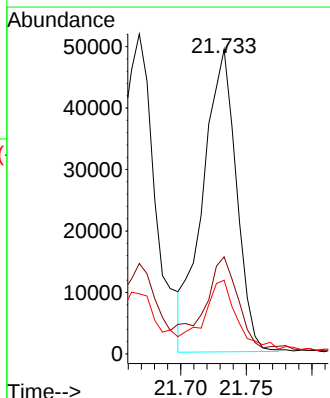
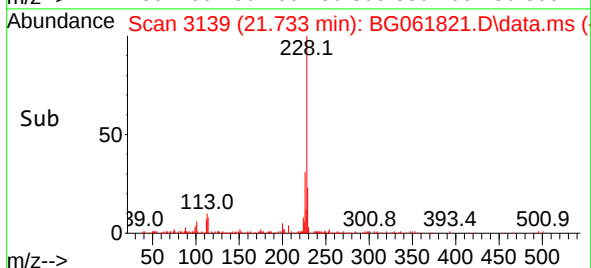
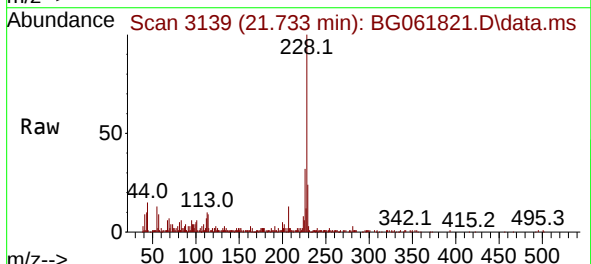
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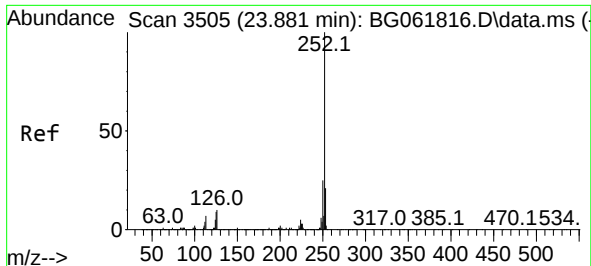
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 3.908 ng/ul
RT: 21.733 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53

Tgt Ion:228 Resp: 87394
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.2
229 24.2 16.5 24.7





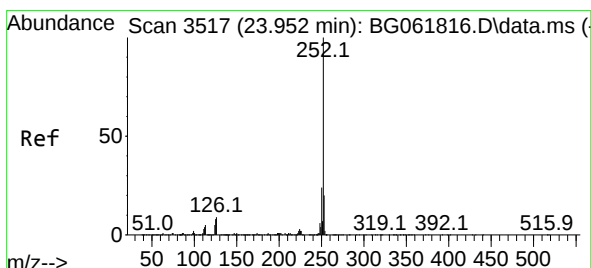
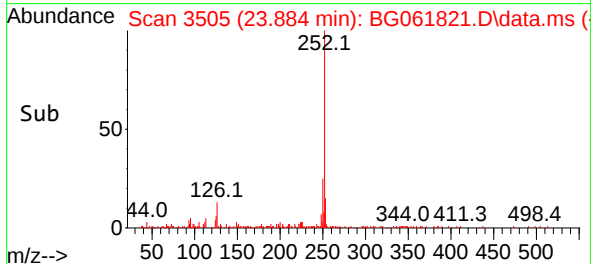
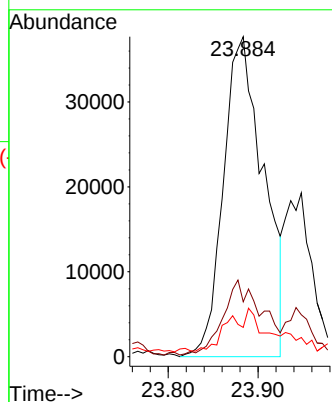
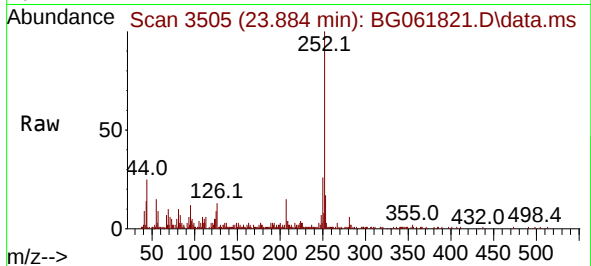
#90
Benzo(b)fluoranthene
Concen: 5.040 ng/ul
RT: 23.884 min Scan# 3505
Delta R.T. -0.004 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53

Instrument :
BNA_G
ClientSampleId :
A4B53

Tgt Ion:252 Resp: 116919
Ion Ratio Lower Upper
252 100
253 17.2 18.6 27.8
125 9.2 7.0 10.6

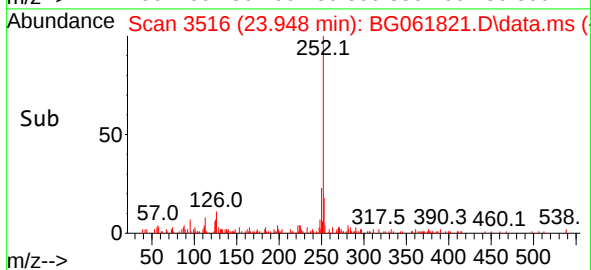
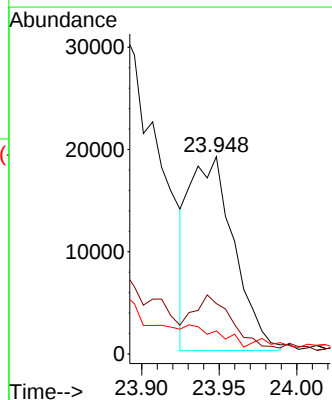
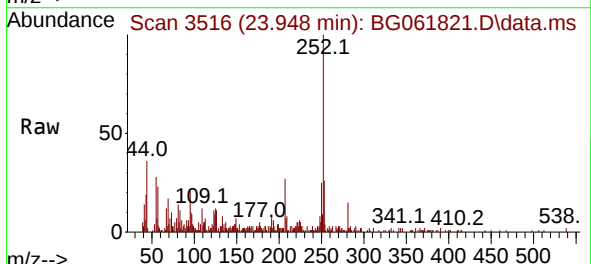
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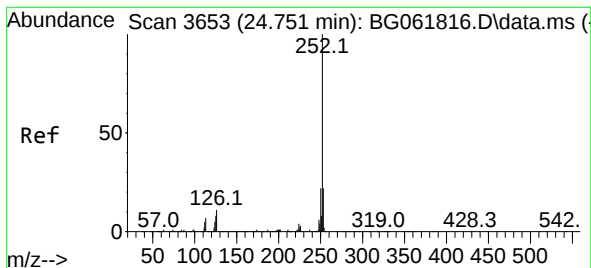
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 1.580 ng/ul
RT: 23.948 min Scan# 3516
Delta R.T. -0.010 min
Lab File: BG061821.D
Acq: 1 Jul 2024 20:53

Tgt Ion:252 Resp: 37696
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 11.7 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 1.938 ng/ul

RT: 24.747 min Scan# 30

Delta R.T. -0.016 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

Instrument :

BNA_G

ClientSampleId :

A4B53

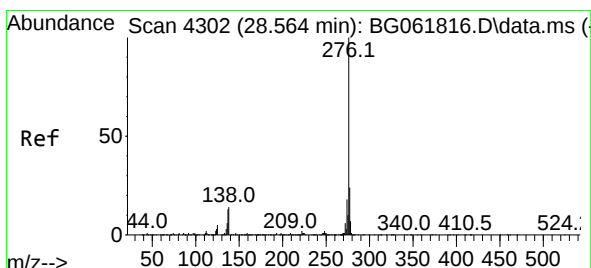
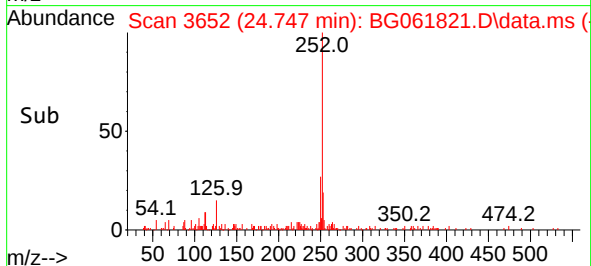
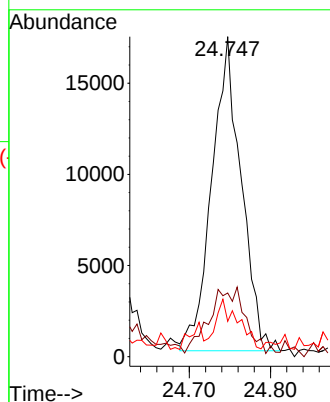
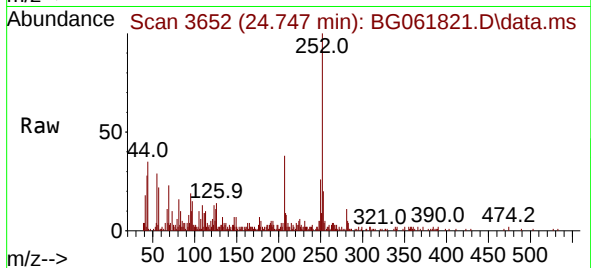
Tgt Ion:252 Resp: 4327

Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.8	25.2
125	11.0	6.5	9.7

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.493 ng/ul m

RT: 28.560 min Scan# 4301

Delta R.T. -0.004 min

Lab File: BG061821.D

Acq: 1 Jul 2024 20:53

Tgt Ion:276 Resp: 41554

Ion	Ratio	Lower	Upper
276	100		
138	11.3	12.2	18.4
277	27.8	19.7	29.5

