

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061868.D
 Acq On : 3 Jul 2024 17:42
 Operator : MA/JU
 Sample : P3065-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CD3

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:20:04 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	8.093	152	31623	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	168797	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	128197	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	303943m	20.000	ng/u1	0.00
79) Chrysene-d12	21.719	240	271841	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	323219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2892	3.437	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.247	99	83247	24.055	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	53465	24.396	ng/u1	0.00
11) 2-Chlorophenol-d4	7.623	132	63542	26.767	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	70684	25.941	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	34493	26.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	33937	23.149	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	71518	25.292	ng/u1	0.00
31) 4-Chloroaniline-d4	11.049	131	11713m	2.853	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	262242	24.882	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	294363	26.710	ng/u1	0.00
54) 4-Nitrophenol-d4	14.903	143	16580m	9.851	ng/u1	-0.01
60) Fluorene-d10	15.708	176	239043	26.942	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	32895	20.608	ng/u1	-0.01
73) Anthracene-d10	17.559	188	378063	26.642	ng/u1	0.00
81) Pyrene-d10	19.838	212	386740	24.187	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	289183	18.040	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.500	178	138582m	8.647	ng/u1	
74) Anthracene	17.594	178	26279	1.587	ng/u1	93
80) Fluoranthene	19.503	202	268788	14.205	ng/u1#	95
82) Pyrene	19.862	202	194124	9.931	ng/u1	96
85) Benzo(a)anthracene	21.701	228	125561	6.379	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.601	149	32518	2.762	ng/u1	93
87) Chrysene	21.766	228	133991m	7.272	ng/u1	
90) Benzo(b)fluoranthene	23.928	252	198146	9.730	ng/u1	99
91) Benzo(k)fluoranthene	23.986	252	60491m	2.979	ng/u1	
93) Benzo(a)pyrene	24.809	252	69722	3.616	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.646	276	72905m	2.959	ng/u1	
95) Dibenzo(a,h)anthracene	28.704	278	28692m	1.410	ng/u1	

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

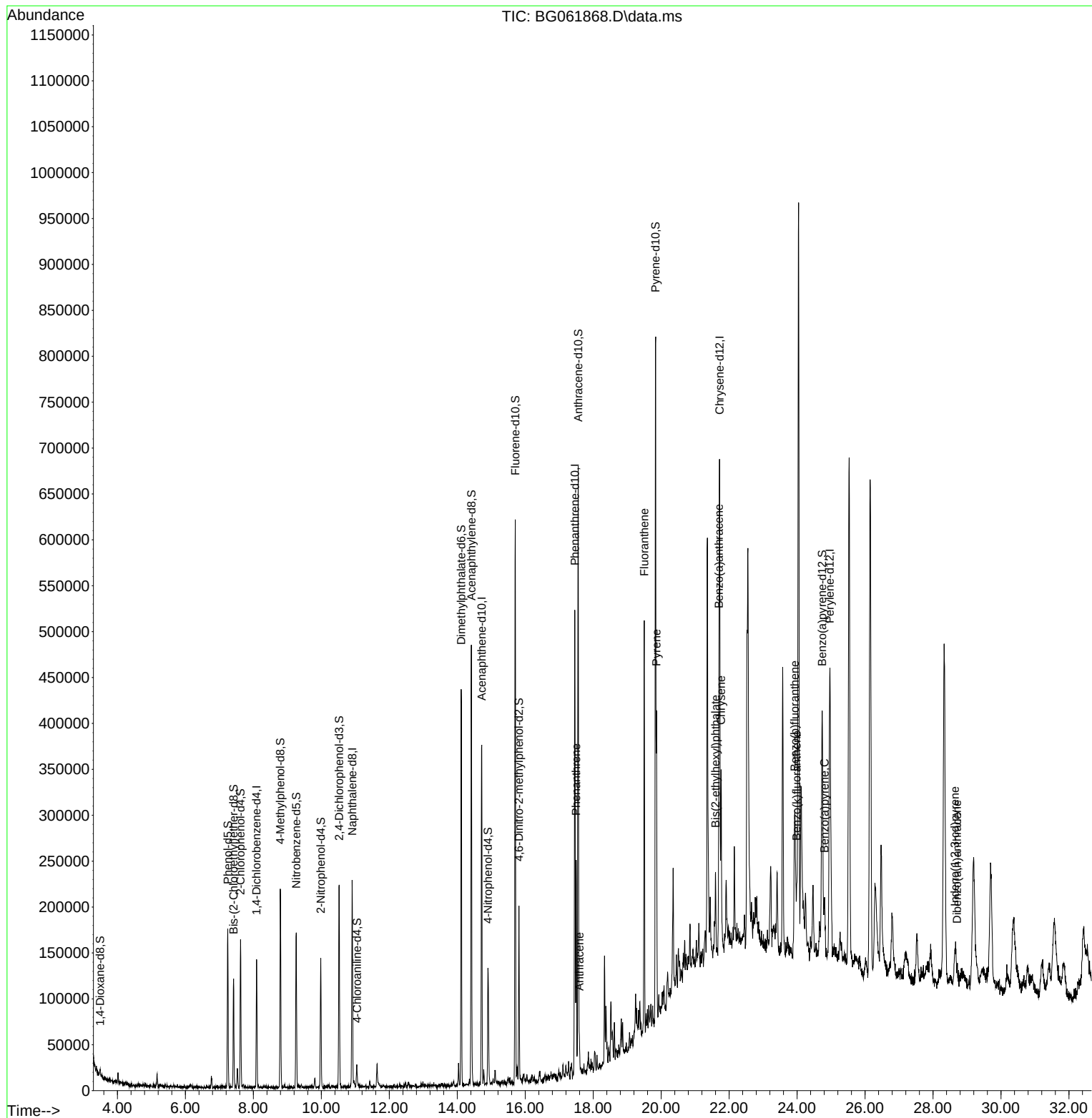
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061868.D
 Acq On : 3 Jul 2024 17:42
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 Sample : P3065-07
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 ALS Vial : 11 Sample Multiplier: 1

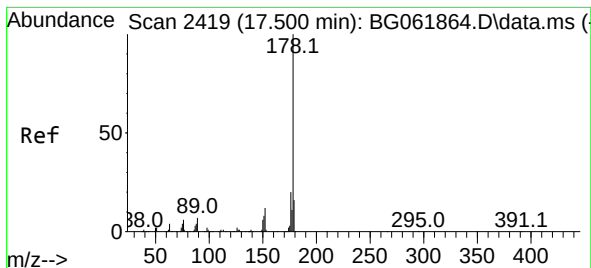
Instrument :
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#72

Phenanthrene

Concen: 8.647 ng/ul m

RT: 17.500 min Scan# 2419

Delta R.T. -0.007 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Instrument :

BNA_G

ClientSampleId :

A4CD3

Tgt Ion:178 Resp: 13858

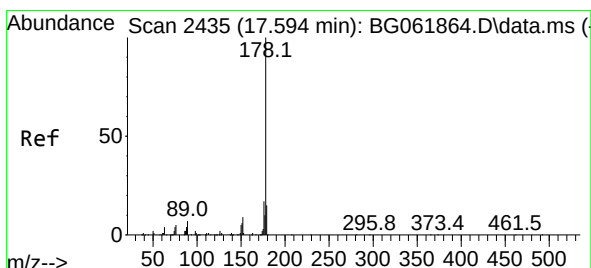
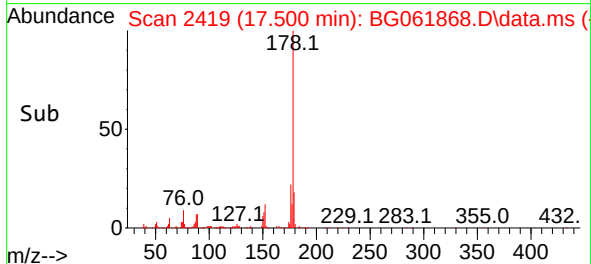
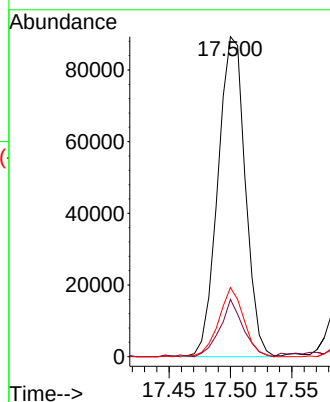
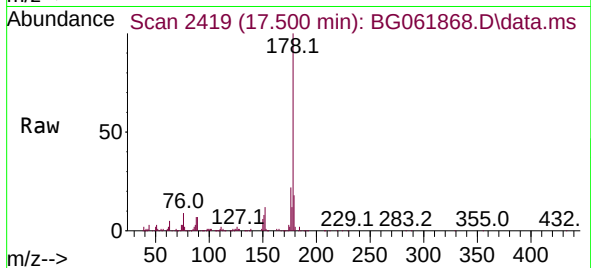
Ion	Ratio	Lower	Upper
178	100		
179	17.9	11.9	17.9
176	21.6	15.5	23.3

Manual Integrations

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#74

Anthracene

Concen: 1.587 ng/ul

RT: 17.594 min Scan# 2435

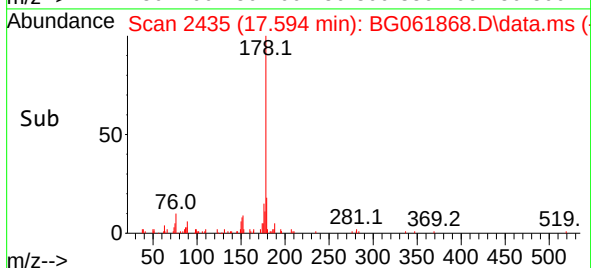
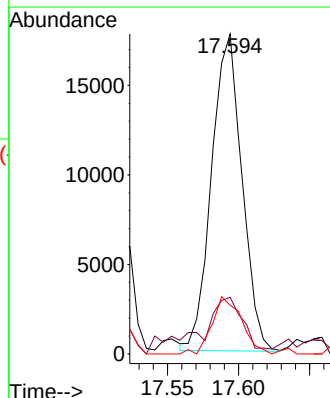
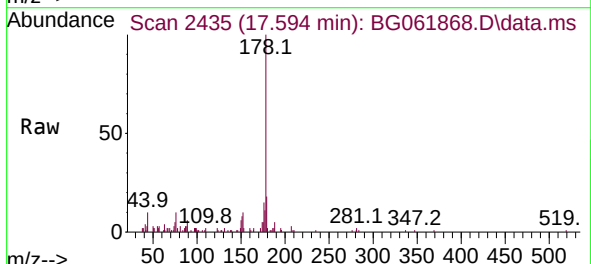
Delta R.T. -0.001 min

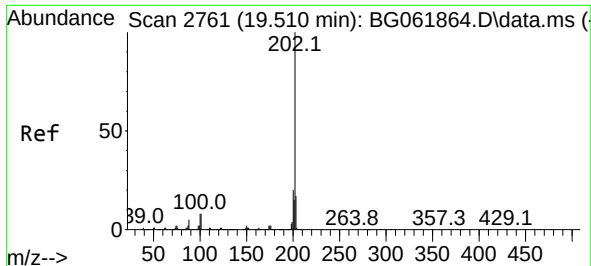
Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Tgt Ion:178 Resp: 26279

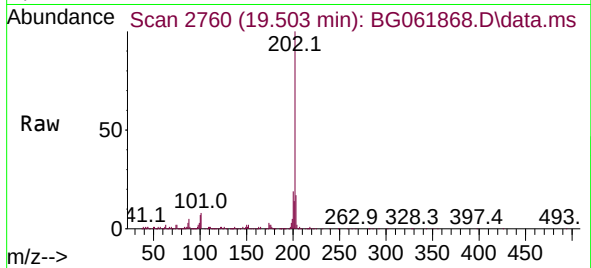
Ion	Ratio	Lower	Upper
178	100		
179	17.7	11.9	17.9
176	15.2	14.7	22.1





#80
Fluoranthene
Concen: 14.205 ng/ul
RT: 19.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061868.D
Acq: 3 Jul 2024 17:42

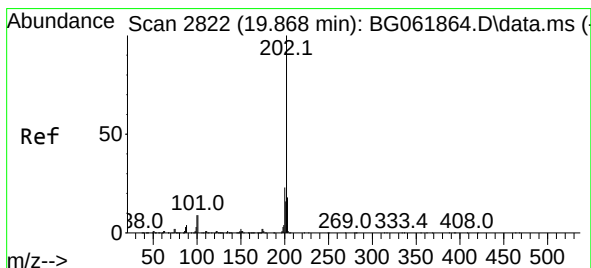
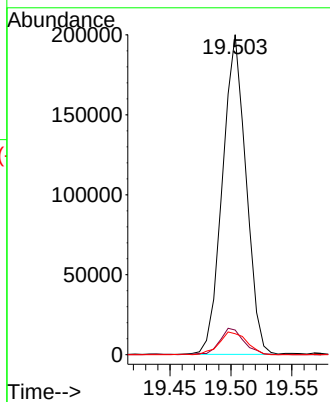
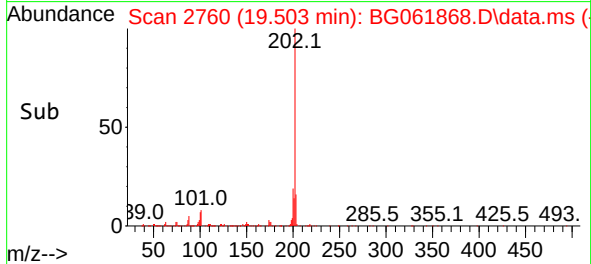
Instrument :
BNA_G
ClientSampleId :
A4CD3



Tgt Ion:202 Resp: 26878
Ion Ratio Lower Upper
202 100
101 7.7 7.4 11.2
100 6.6 6.6 10.0

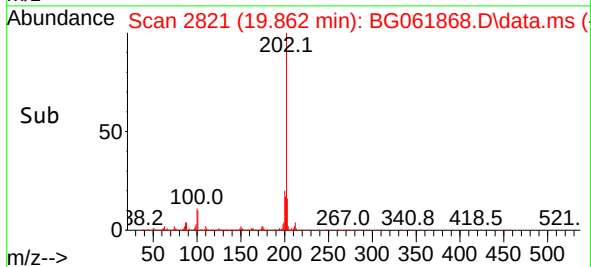
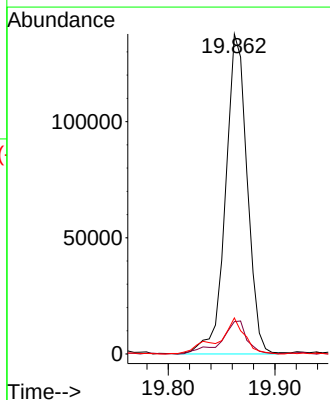
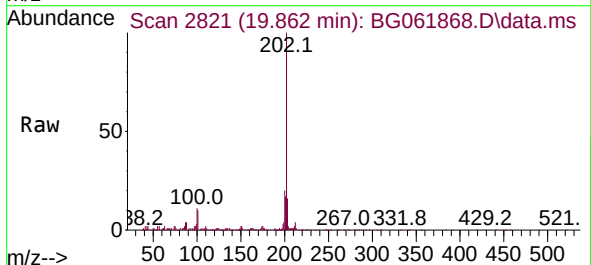
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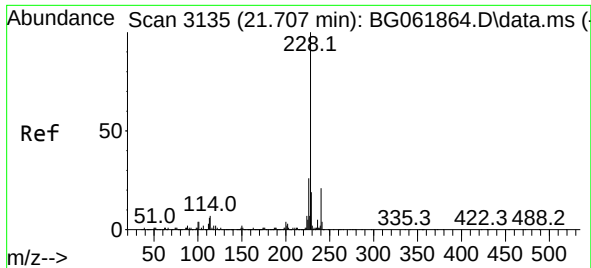
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#82
Pyrene
Concen: 9.931 ng/ul
RT: 19.862 min Scan# 2821
Delta R.T. -0.007 min
Lab File: BG061868.D
Acq: 3 Jul 2024 17:42

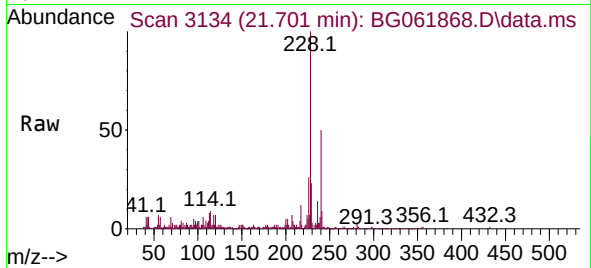
Tgt Ion:202 Resp: 194124
Ion Ratio Lower Upper
202 100
101 10.1 8.8 13.2
100 11.3 7.6 11.4





#85
Benzo(a)anthracene
Concen: 6.379 ng/ul
RT: 21.701 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BG061868.D
Acq: 3 Jul 2024 17:42

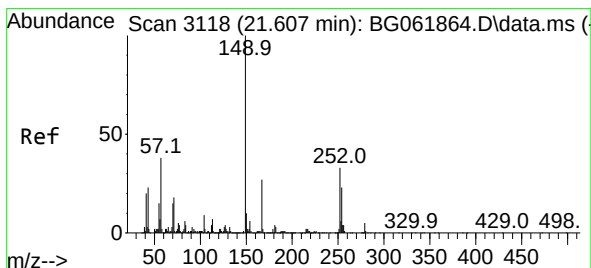
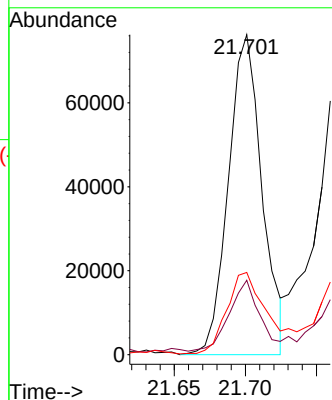
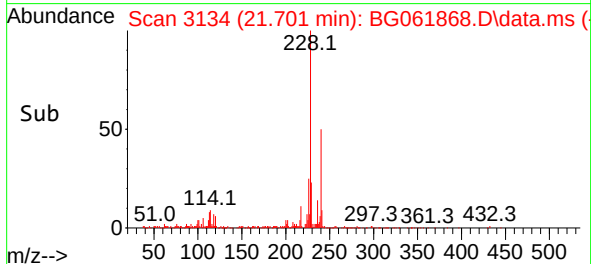
Instrument :
BNA_G
ClientSampleId :
A4CD3



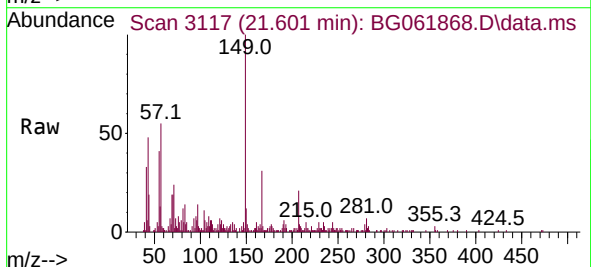
Tgt Ion:228 Resp: 12556
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 25.7 21.7 32.5

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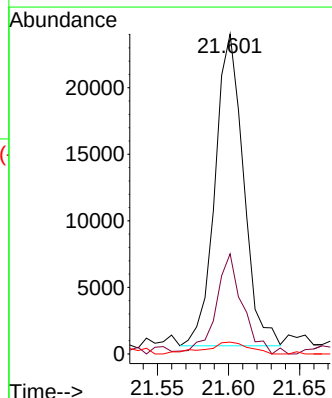
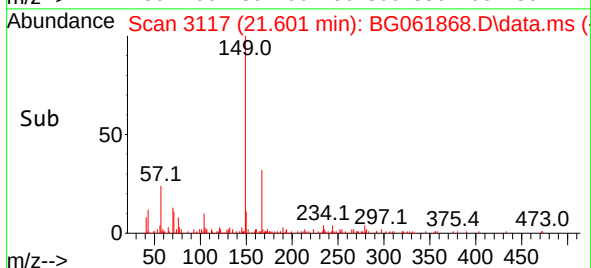
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

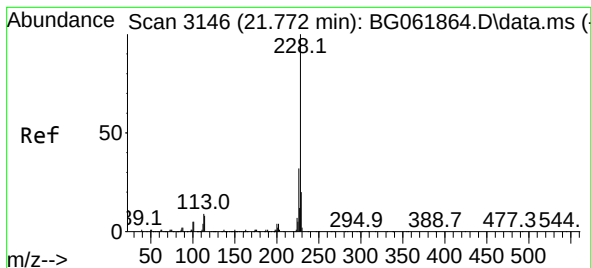


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.762 ng/ul
RT: 21.601 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BG061868.D
Acq: 3 Jul 2024 17:42



Tgt Ion:149 Resp: 32518
Ion Ratio Lower Upper
149 100
167 31.3 21.7 32.5
279 3.7 2.8 4.2





#87

Chrysene

Concen: 7.272 ng/ul m

RT: 21.766 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Instrument :

BNA_G

ClientSampleId :

A4CD3

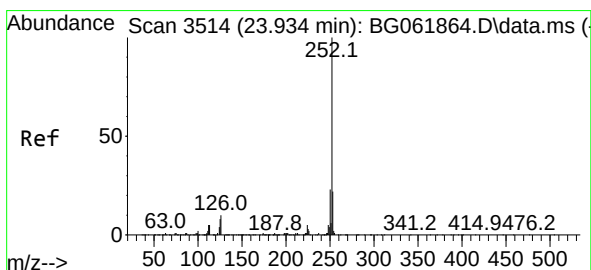
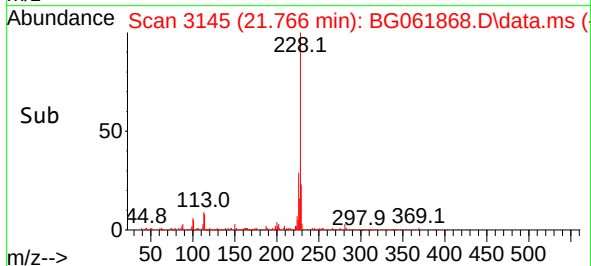
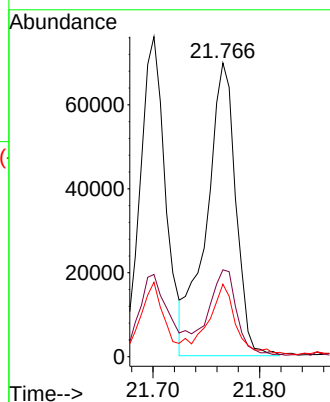
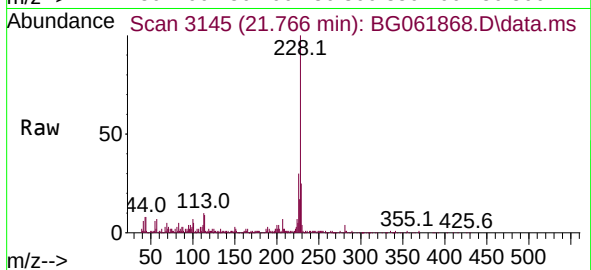
Tgt Ion:228	Resp: 13399
Ion Ratio	Lower Upper
228 100	
226 29.6	23.3 34.9
229 24.7	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 9.730 ng/ul

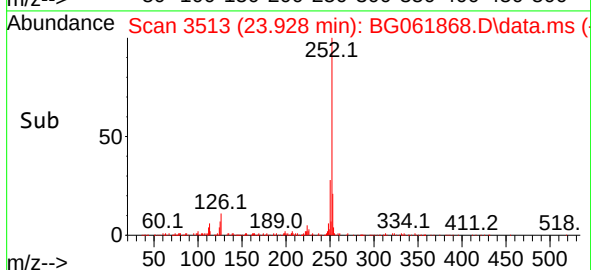
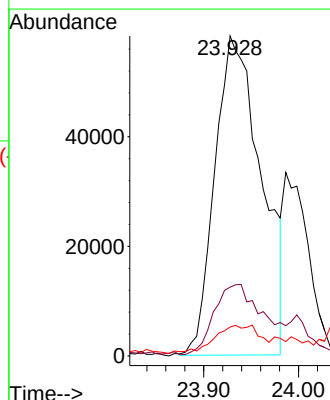
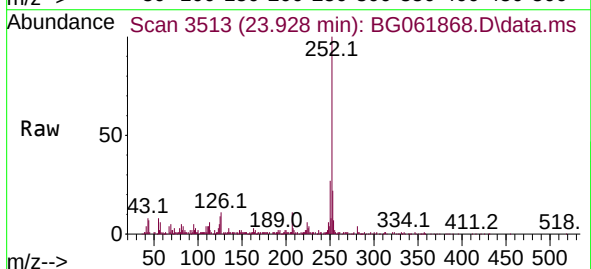
RT: 23.928 min Scan# 3513

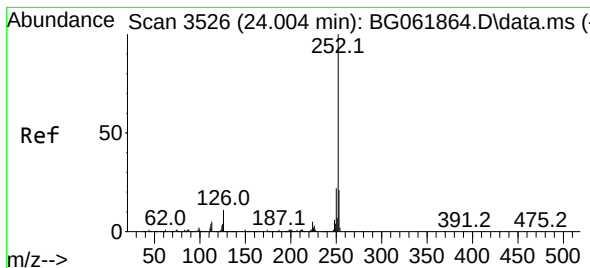
Delta R.T. -0.007 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Tgt Ion:252	Resp: 198146
Ion Ratio	Lower Upper
252 100	
253 21.5	17.2 25.8
125 9.0	6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 2.979 ng/ul m

RT: 23.986 min Scan# 3526

Delta R.T. -0.018 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

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BNA_G

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A4CD3

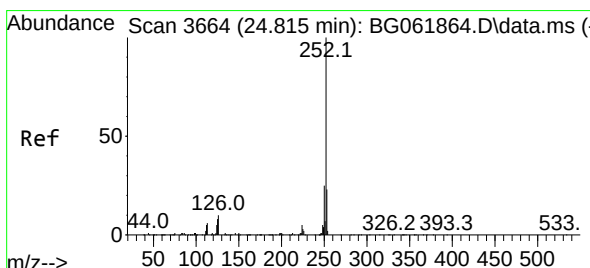
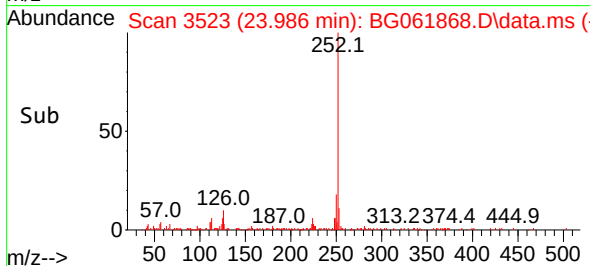
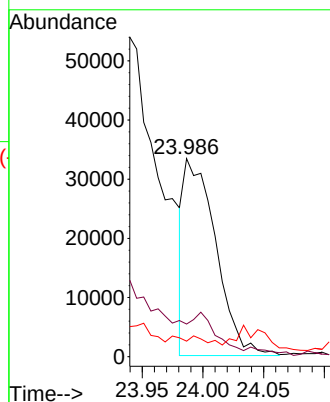
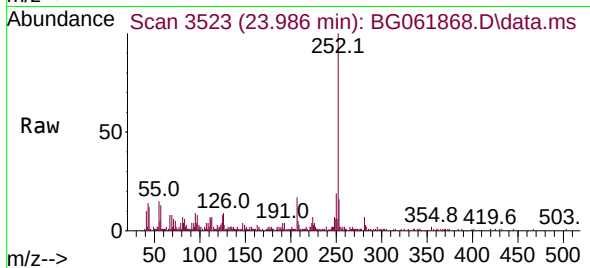
Tgt Ion:252 Resp: 6049
 Ion Ratio Lower Upper
 252 100
 253 16.5 19.3 28.9
 125 7.8 6.3 9.5

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.616 ng/ul

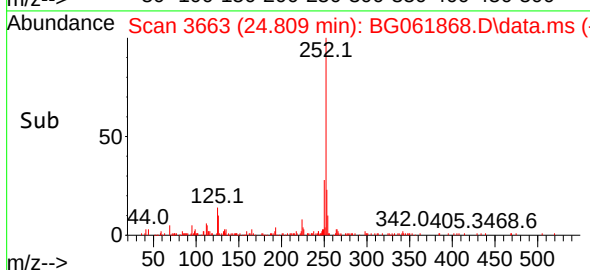
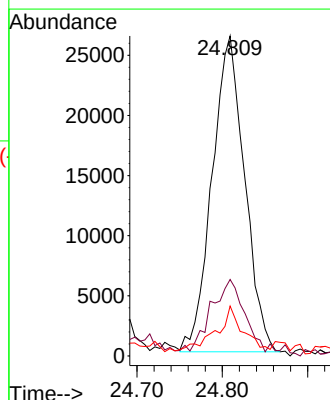
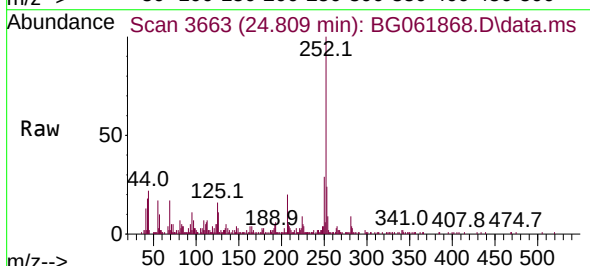
RT: 24.809 min Scan# 3663

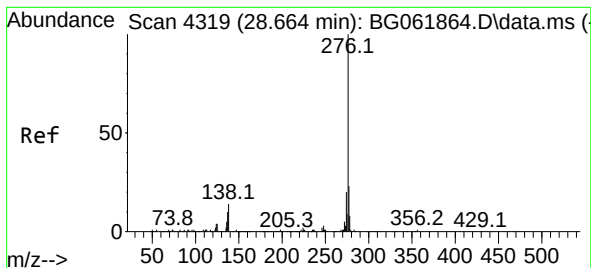
Delta R.T. -0.007 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Tgt Ion:252 Resp: 69722
 Ion Ratio Lower Upper
 252 100
 253 23.9 16.5 24.7
 125 15.6 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.959 ng/ul m

RT: 28.646 min Scan# 4319

Delta R.T. -0.018 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

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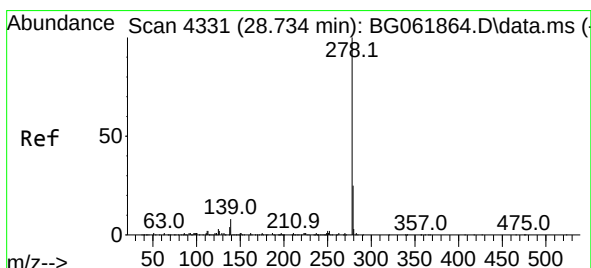
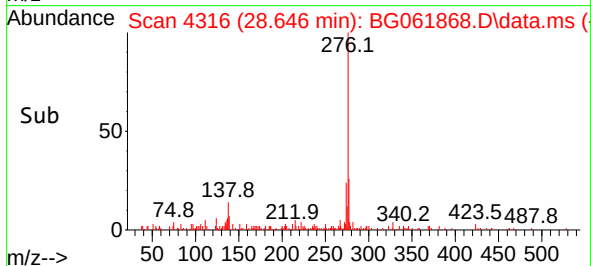
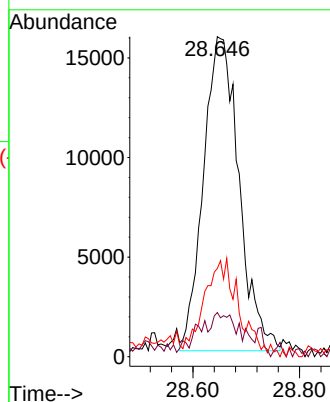
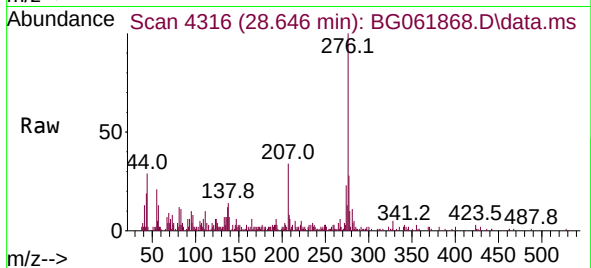
Tgt Ion:	276	Resp:	7290
Ion Ratio	Lower	Upper	
276	100		
138	13.8	11.9	17.9
277	27.6	19.3	28.9

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Supervised By :mohammad ahmed 07/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.410 ng/ul m

RT: 28.704 min Scan# 4326

Delta R.T. -0.030 min

Lab File: BG061868.D

Acq: 3 Jul 2024 17:42

Tgt Ion:	278	Resp:	28692
Ion Ratio	Lower	Upper	
278	100		
139	13.2	7.6	11.4#
279	22.4	18.8	28.2

