

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062080.D
 Acq On : 15 Jul 2024 22:48
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4D13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 16 00:10:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	50673	20.000	ng/ul	0.00
20) Naphthalene-d8	10.861	136	247029	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.680	164	160556	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.424	188	352986	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.690	240	308225	20.000	ng/ul	# 0.01
88) Perylene-d12	24.927	264	365523m	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	4449	3.299	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.218	99	133404	24.056	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.365	67	73561	20.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	100609	26.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	100510	23.020	ng/ul	0.02
21) Nitrobenzene-d5	9.216	128	49731	26.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.933	143	63844	29.757	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.485	165	118479	28.630	ng/ul	0.02
31) 4-Chloroaniline-d4	11.002	131	4627m	0.770	ng/ul	0.02
46) Dimethylphthalate-d6	14.081	166	361449	27.383	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	400406	29.010	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	44114	20.927	ng/ul	0.02
60) Fluorene-d10	15.667	176	310899	27.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	38616	20.830	ng/ul	0.01
73) Anthracene-d10	17.524	188	465242	28.230	ng/ul	0.00
81) Pyrene-d10	19.810	212	433210	23.895	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.704	264	313966	17.319	ng/ul	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.465	178	296536	15.932	ng/ul	96
74) Anthracene	17.559	178	50054	2.602	ng/ul	97
77) Carbazole	17.830	167	29530	1.824	ng/ul#	97
80) Fluoranthene	19.475	202	708101	33.004	ng/ul#	94
82) Pyrene	19.839	202	493322	22.259	ng/ul#	90
85) Benzo(a)anthracene	21.672	228	354710	15.894	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	45905	3.439	ng/ul	94
87) Chrysene	21.737	228	407566	19.509	ng/ul	96
90) Benzo(b)fluoranthene	23.899	252	565266	24.546	ng/ul	96
91) Benzo(k)fluoranthene	23.952	252	210343m	9.159	ng/ul	
93) Benzo(a)pyrene	24.763	252	174008m	7.979	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.617	276	147342m	5.287	ng/ul	
95) Dibenzo(a,h)anthracene	28.658	278	59093m	2.567	ng/ul	

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

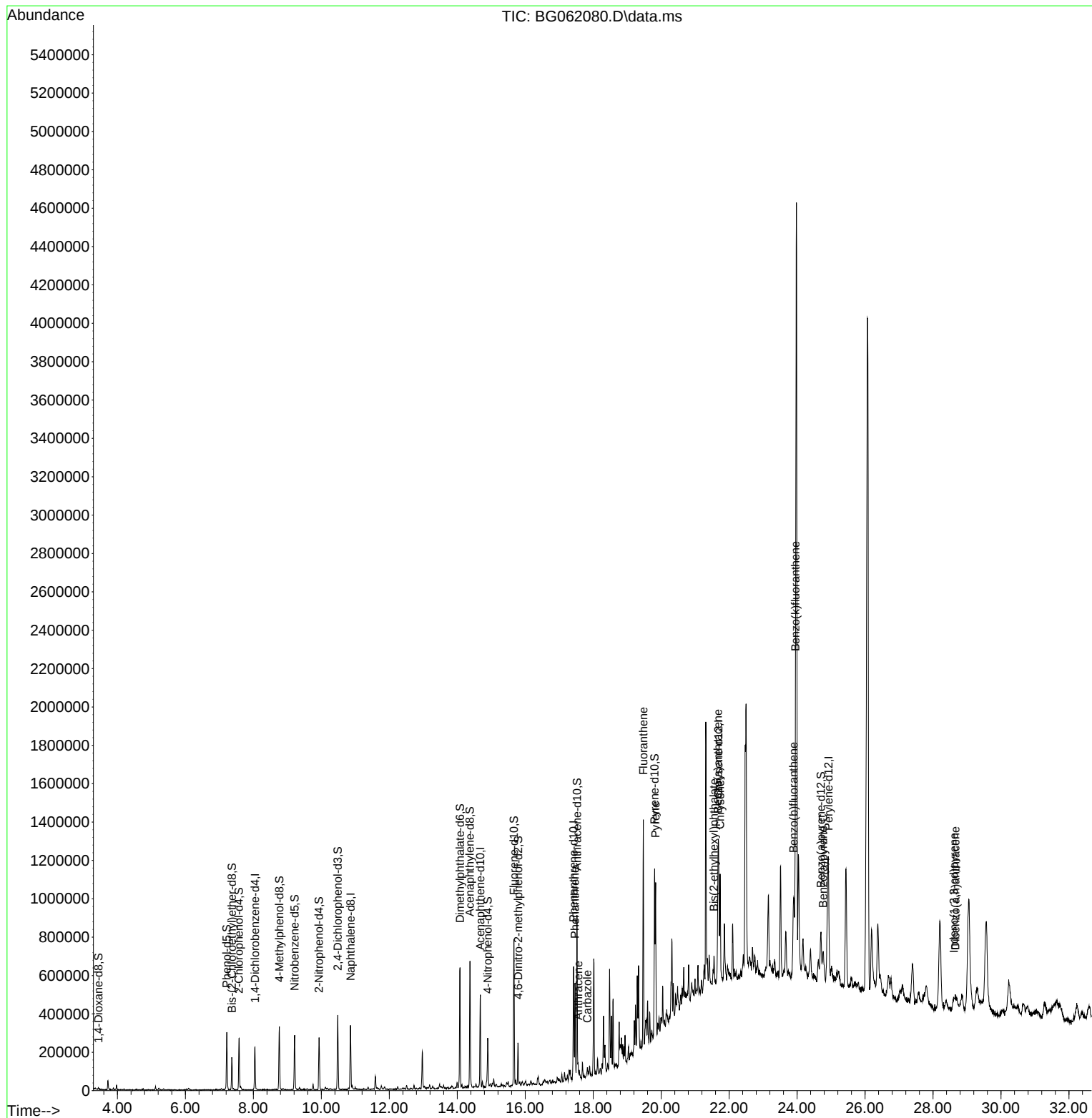
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062080.D
Acq On : 15 Jul 2024 22:48
Operator : MA/JU
Sample : P3100-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

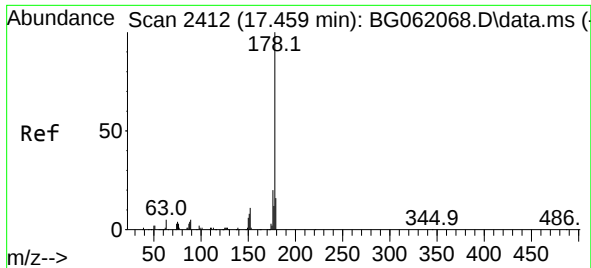
Instrument :
BNA_G
ClientSampleId :
A4D13

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Supervised By :mohammad ahmed 07/20/2024

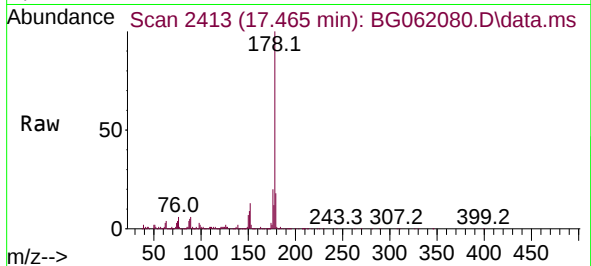
Quant Time: Jul 16 00:10:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 15.932 ng/ul
RT: 17.465 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BG062080.D
Acq: 15 Jul 2024 22:48

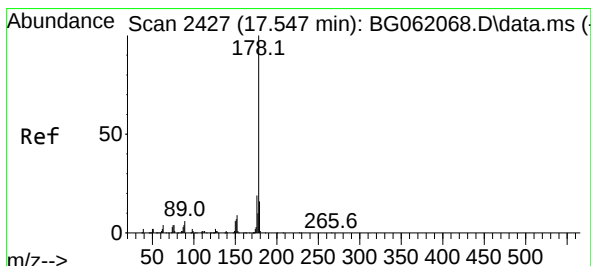
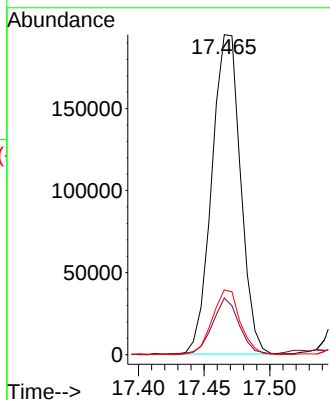
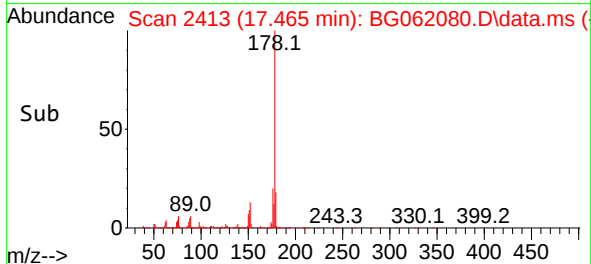
Instrument :
BNA_G
ClientSampleId :
A4D13



Tgt Ion:178 Resp: 296530
Ion Ratio Lower Upper
178 100
179 17.7 11.9 17.9
176 20.2 15.5 23.3

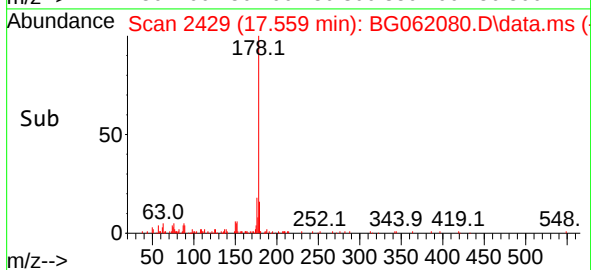
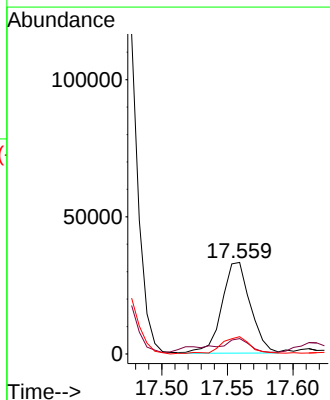
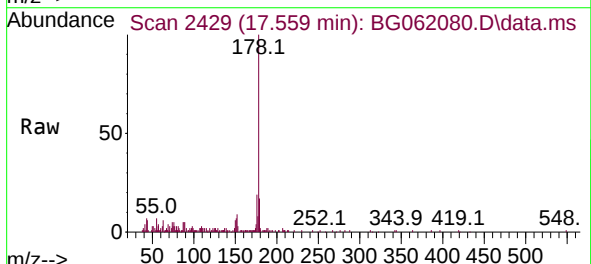
Manual Integrations
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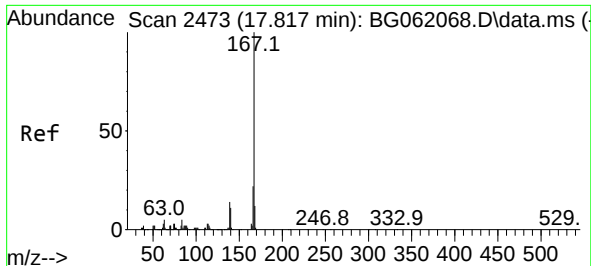
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#74
Anthracene
Concen: 2.602 ng/ul
RT: 17.559 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BG062080.D
Acq: 15 Jul 2024 22:48

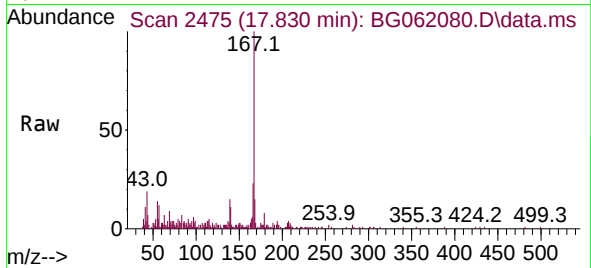
Tgt Ion:178 Resp: 50054
Ion Ratio Lower Upper
178 100
179 16.9 11.9 17.9
176 19.0 14.7 22.1





#77
 Carbazole
 Concen: 1.824 ng/ul
 RT: 17.830 min Scan# 2473
 Delta R.T. 0.012 min
 Lab File: BG062080.D
 Acq: 15 Jul 2024 22:48

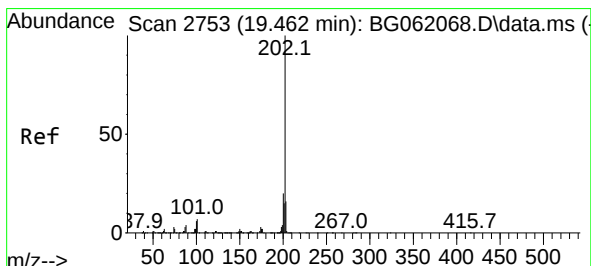
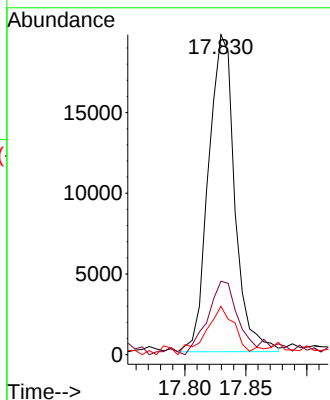
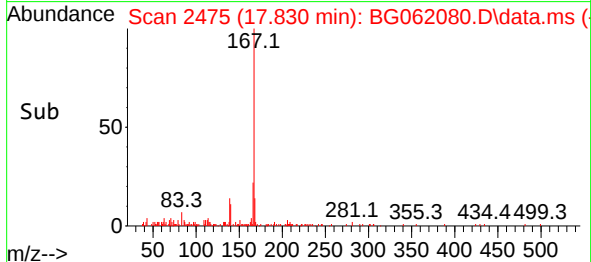
Instrument :
 BNA_G
 ClientSampleId :
 A4D13



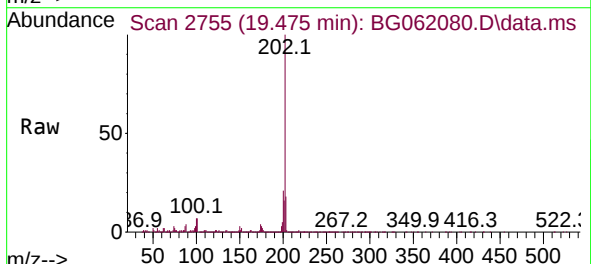
Tgt Ion:167 Resp: 29530
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 15.1 9.6 14.4

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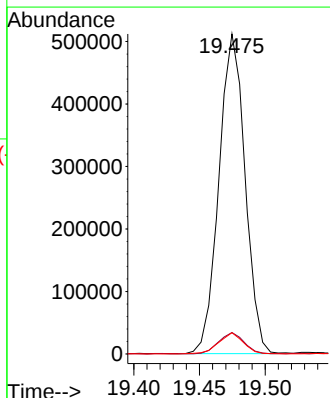
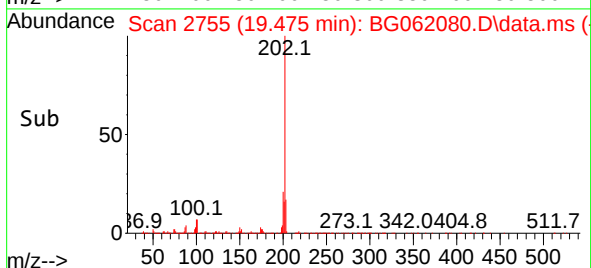
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

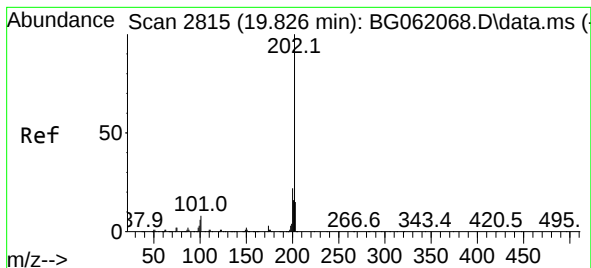


#80
 Fluoranthene
 Concen: 33.004 ng/ul
 RT: 19.475 min Scan# 2755
 Delta R.T. 0.012 min
 Lab File: BG062080.D
 Acq: 15 Jul 2024 22:48



Tgt Ion:202 Resp: 708101
 Ion Ratio Lower Upper
 202 100
 101 6.7 7.4 11.2#
 100 6.6 6.6 10.0#





#82

Pyrene

Concen: 22.259 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

Instrument :

BNA_G

ClientSampleId :

A4D13

Tgt Ion:202 Resp: 49332

Ion Ratio Lower Upper

202 100

101 6.5 8.8 13.2

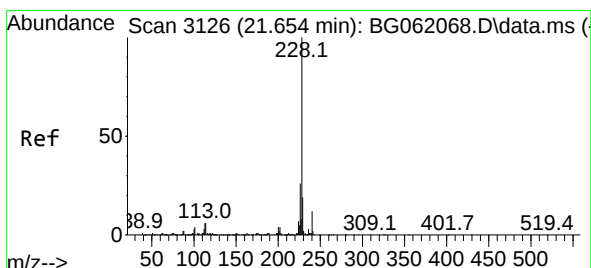
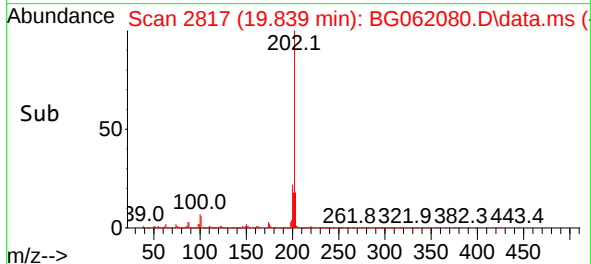
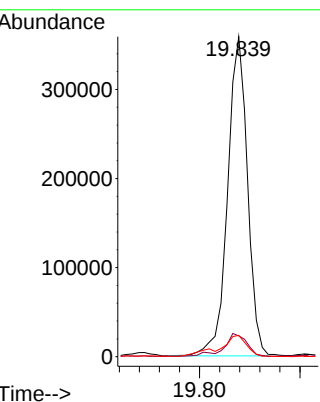
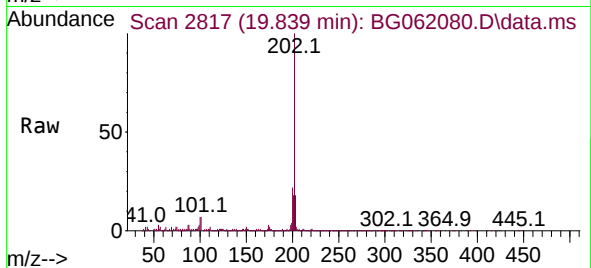
100 6.7 7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#85

Benzo(a)anthracene

Concen: 15.894 ng/ul

RT: 21.672 min Scan# 3129

Delta R.T. 0.018 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

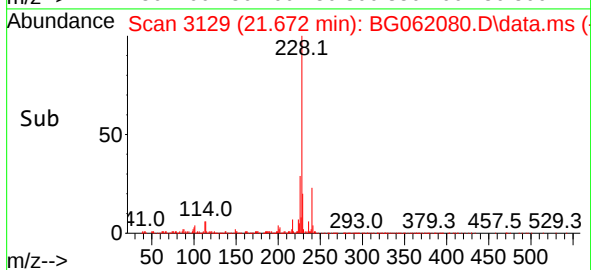
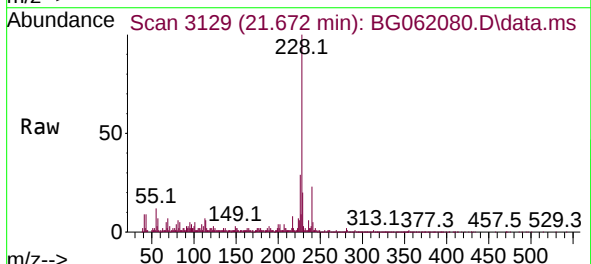
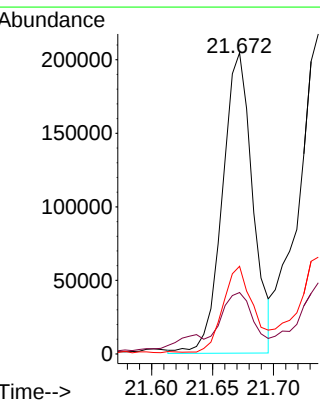
Tgt Ion:228 Resp: 354710

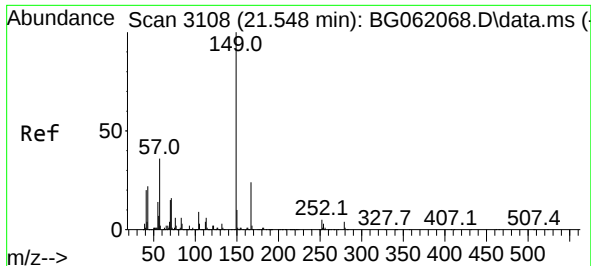
Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

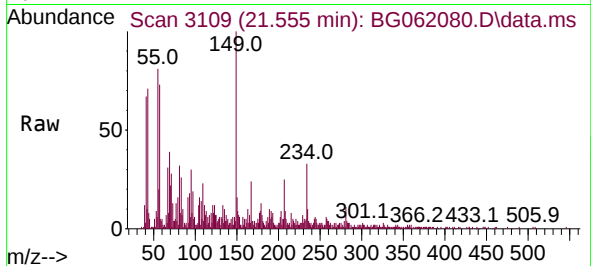
226 29.1 21.7 32.5





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.439 ng/ul
 RT: 21.555 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BG062080.D
 Acq: 15 Jul 2024 22:48

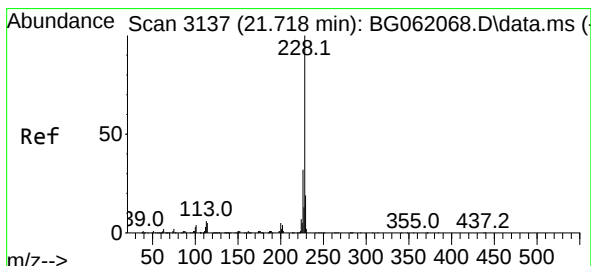
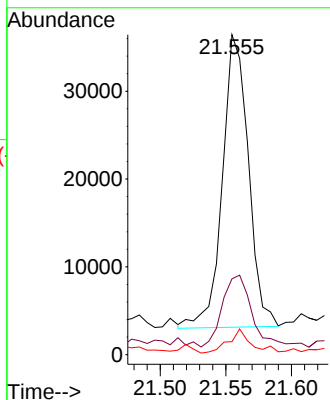
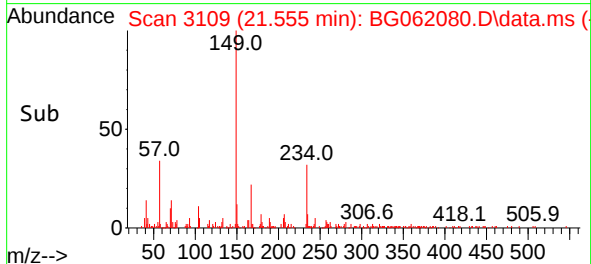
Instrument :
 BNA_G
 ClientSampleId :
 A4D13



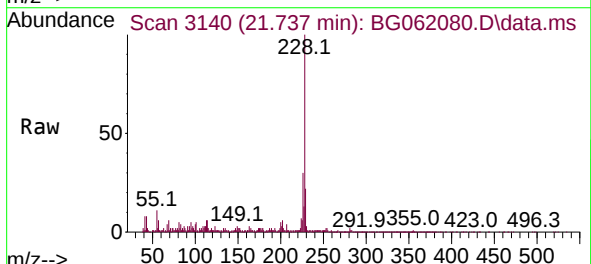
Tgt Ion:149 Resp: 4590
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.7 32.5
 279 4.0 2.8 4.2

Manual Integrations
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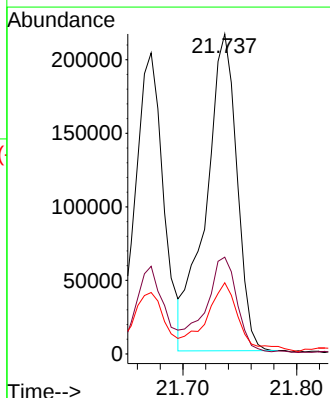
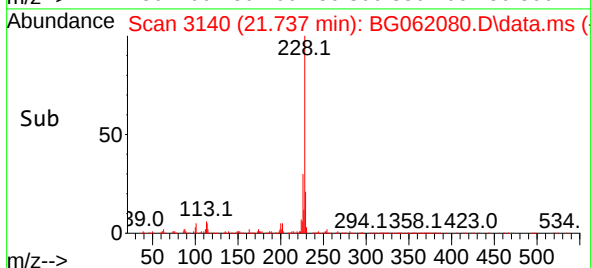
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

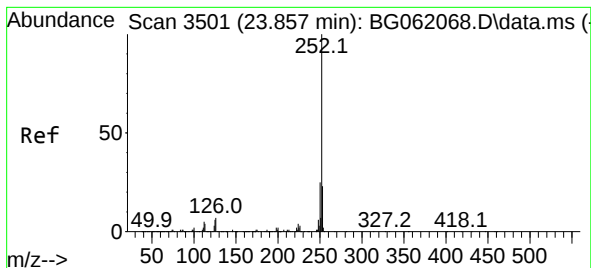


#87
 Chrysene
 Concen: 19.509 ng/ul
 RT: 21.737 min Scan# 3140
 Delta R.T. 0.012 min
 Lab File: BG062080.D
 Acq: 15 Jul 2024 22:48



Tgt Ion:228 Resp: 407566
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.3 34.9
 229 22.2 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 24.546 ng/ul

RT: 23.899 min Scan# 3508

Delta R.T. 0.042 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

Instrument :

BNL_G

ClientSampleId :

A4D13

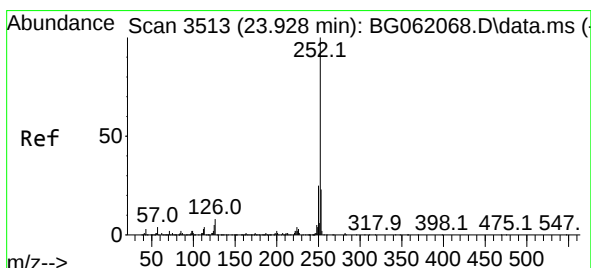
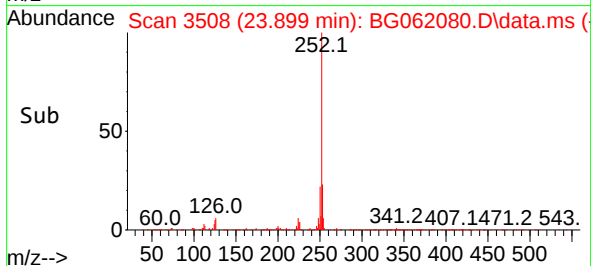
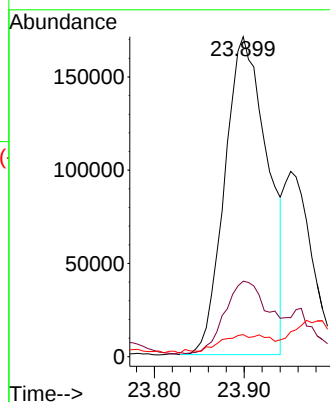
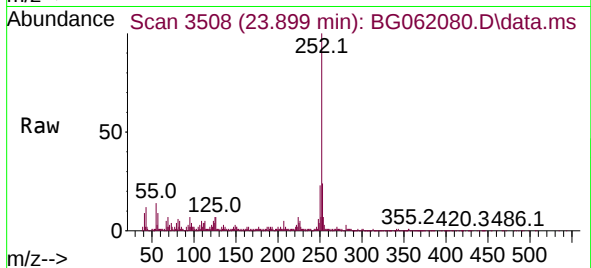
Tgt Ion:	252	Resp:	565260
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	6.9	6.1	9.1

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#91

Benzo(k)fluoranthene

Concen: 9.159 ng/ul m

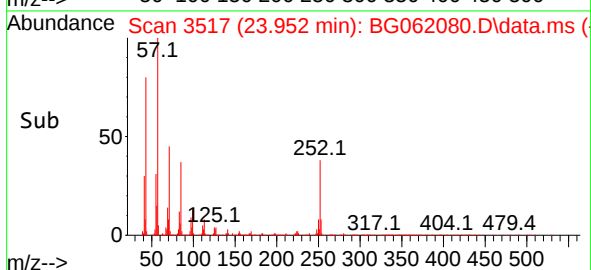
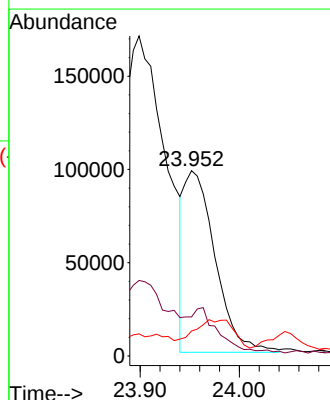
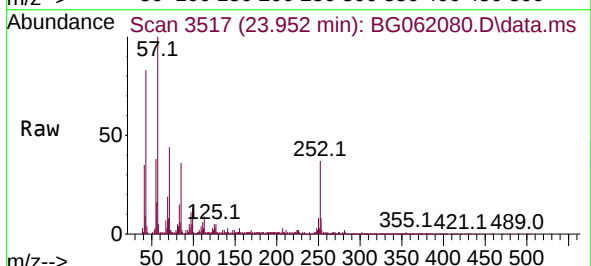
RT: 23.952 min Scan# 3517

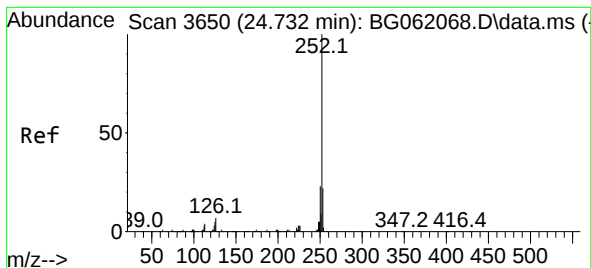
Delta R.T. 0.030 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

Tgt Ion:	252	Resp:	210343
Ion Ratio	Lower	Upper	
252	100		
253	21.1	19.3	28.9
125	13.4	6.3	9.5





#93

Benzo(a)pyrene

Concen: 7.979 ng/ul m

RT: 24.763 min Scan# 3

Delta R.T. 0.036 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

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A4D13

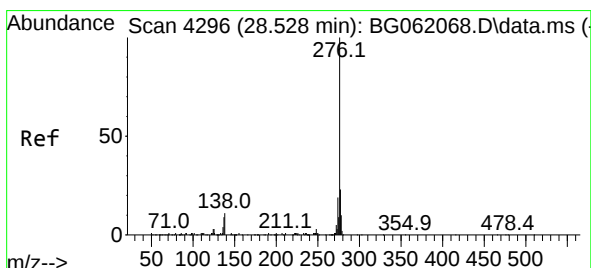
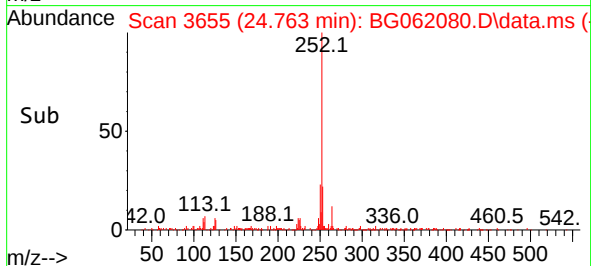
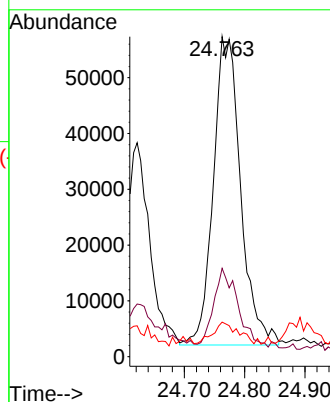
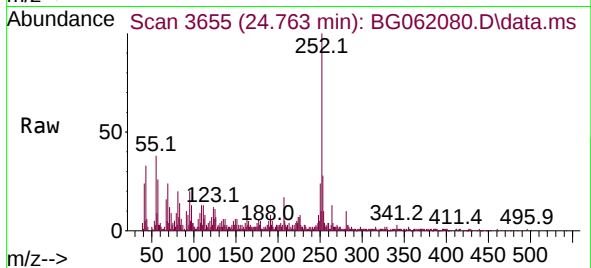
Tgt Ion:	252	Resp:	174008
Ion Ratio	Lower	Upper	
252	100		
253	27.6	16.5	24.7
125	10.8	7.4	11.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.287 ng/ul m

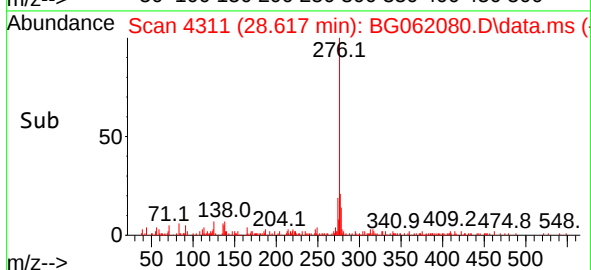
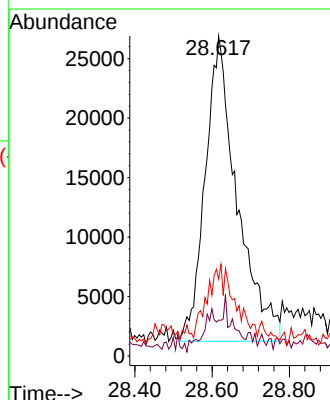
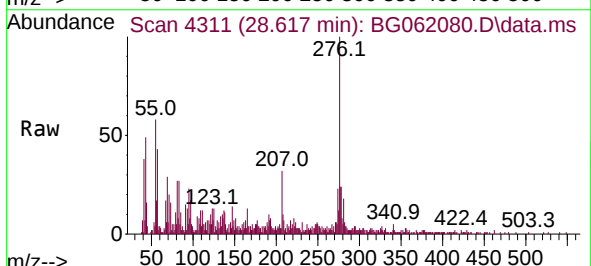
RT: 28.617 min Scan# 4311

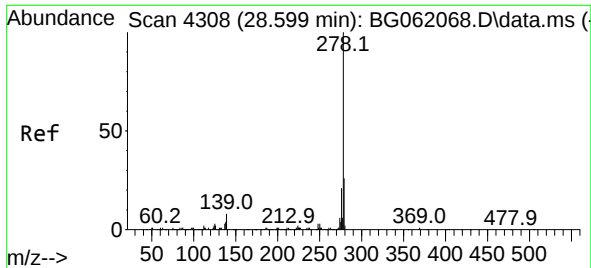
Delta R.T. 0.083 min

Lab File: BG062080.D

Acq: 15 Jul 2024 22:48

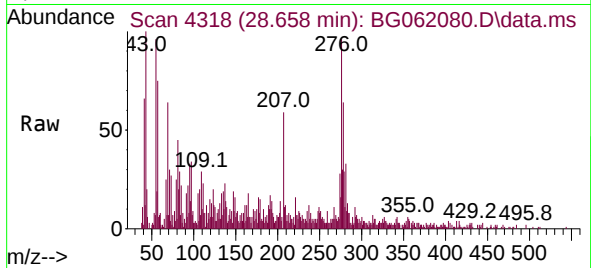
Tgt Ion:	276	Resp:	147342
Ion Ratio	Lower	Upper	
276	100		
138	11.2	11.9	17.9
277	24.1	19.3	28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 2.567 ng/ul m
 RT: 28.658 min Scan# 4318
 Delta R.T. 0.065 min
 Lab File: BG062080.D
 Acq: 15 Jul 2024 22:48

Instrument :
 BNA_G
 ClientSampleId :
 A4D13



Tgt Ion:278 Resp: 5909
 Ion Ratio Lower Upper
 278 100
 139 17.9 7.6 11.4
 279 44.9 18.8 28.2

Manual Integrations
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Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

