

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 09:42:13 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	8.035	152	65932	20.000	ng/u1	0.00
20) Naphthalene-d8	10.856	136	308026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	208872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.413	188	470267m	20.000	ng/u1	0.00
79) Chrysene-d12	21.678	240	422828m	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	516978	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6902	3.934	ng/uL	0.00
4) Pyridine-d5	3.858	84	21708	4.024	ng/u1	0.00
7) Phenol-d5	7.201	99	167329	23.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	101720	22.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.571	132	120538	24.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	115401	20.313	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	60735	25.926	ng/u1	0.00
24) 2-Nitrophenol-d4	9.933	143	74603	27.886	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	138149	26.773	ng/u1	0.00
31) 4-Chloroaniline-d4	10.985	131	61253	8.176	ng/u1	0.00
46) Dimethylphthalate-d6	14.070	166	432861	25.207	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	476428	26.533	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	57408	20.934	ng/u1	0.00
60) Fluorene-d10	15.662	176	379081	26.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	44882m	18.173	ng/u1	0.00
73) Anthracene-d10	17.513	188	580405m	26.435	ng/u1	0.00
81) Pyrene-d10	19.798	212	605158	24.333	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.669	264	525693	20.503	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.460	178	282214	11.381	ng/u1	98
74) Anthracene	17.548	178	47705m	1.862	ng/u1	
80) Fluoranthene	19.463	202	629644m	21.393	ng/u1	
82) Pyrene	19.827	202	496106m	16.318	ng/u1	
83) Butylbenzylphthalate	20.703	149	21262	1.666	ng/u1	97
85) Benzo(a)anthracene	21.655	228	299998m	9.799	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.549	149	117702m	6.428	ng/u1	
87) Chrysene	21.719	228	320580	11.186	ng/u1	96
90) Benzo(b)fluoranthene	23.864	252	467721	14.360	ng/u1	98
91) Benzo(k)fluoranthene	23.923	252	181022m	5.573	ng/u1	
93) Benzo(a)pyrene	24.733	252	213340	6.917	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.547	276	198056m	5.025	ng/u1	
95) Dibenzo(a,h)anthracene	28.588	278	70127m	2.154	ng/u1	
96) Benzo(g,h,i)perylene	29.698	276	101621m	3.241	ng/u1	

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

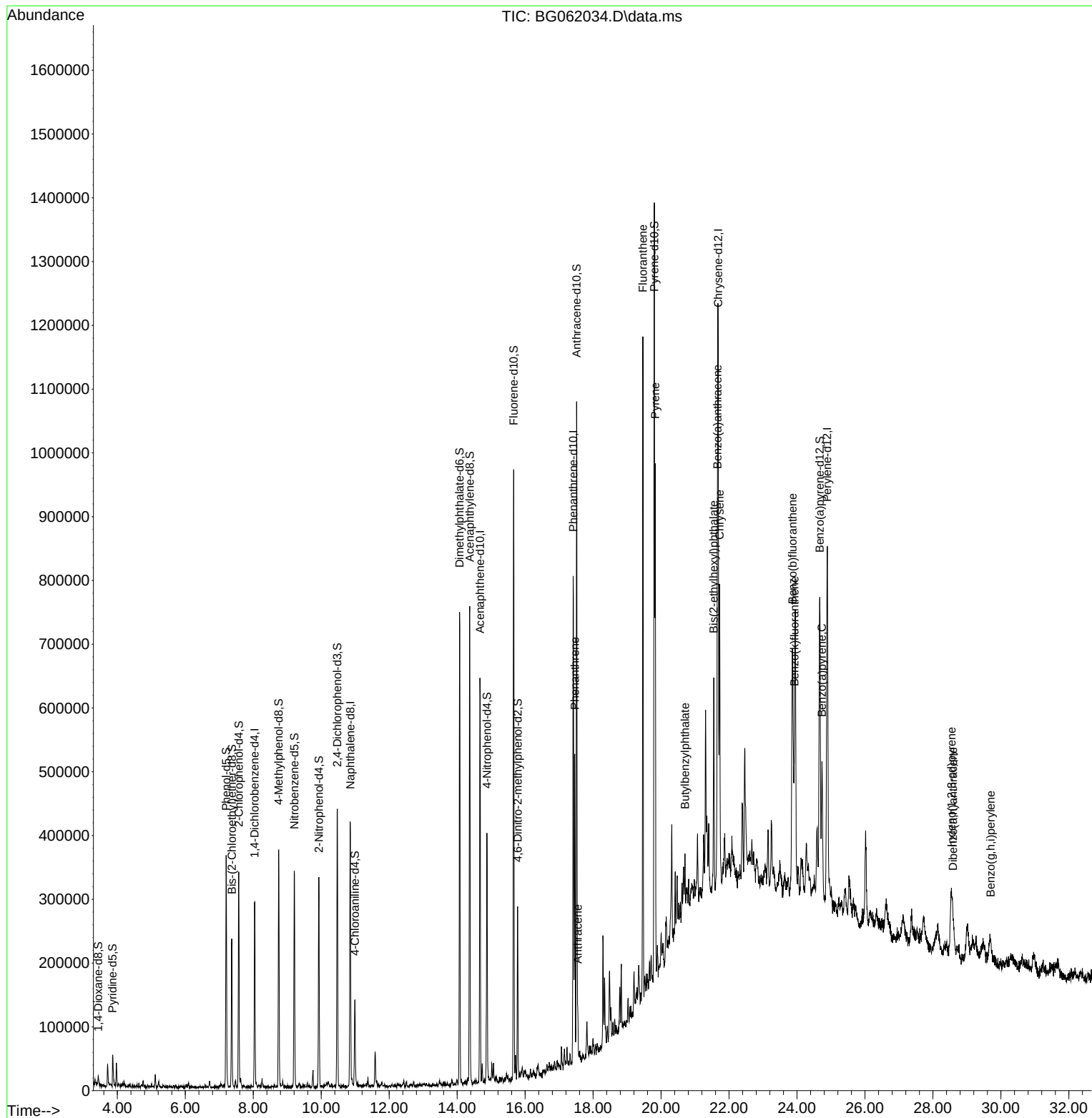
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062034.D
 Acq On : 12 Jul 2024 8:42
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

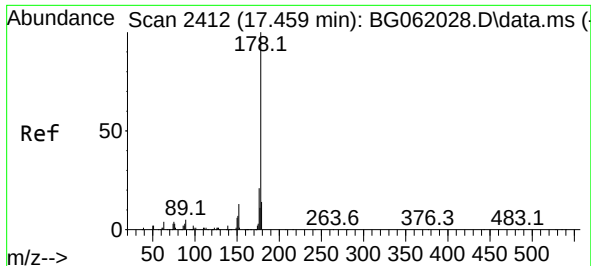
Instrument :
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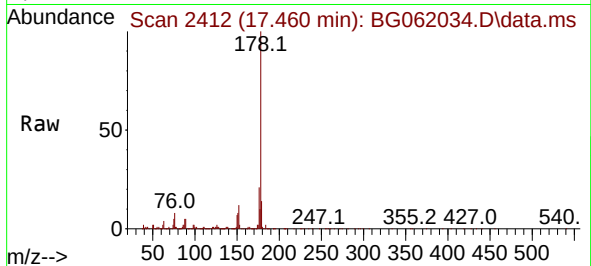
Quant Time: Jul 12 09:42:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 11.381 ng/ul
RT: 17.460 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42

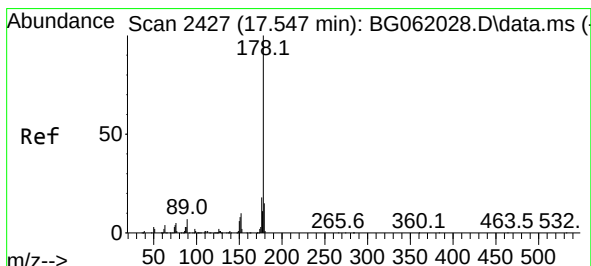
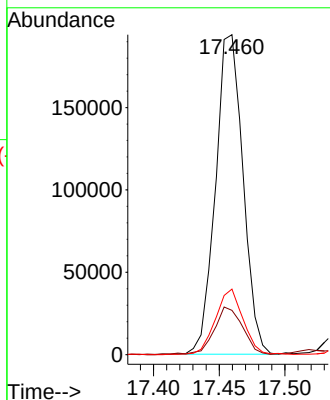
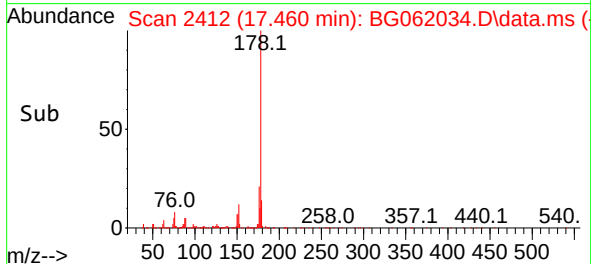
Instrument :
BNA_G
ClientSampleId :
A4BR7



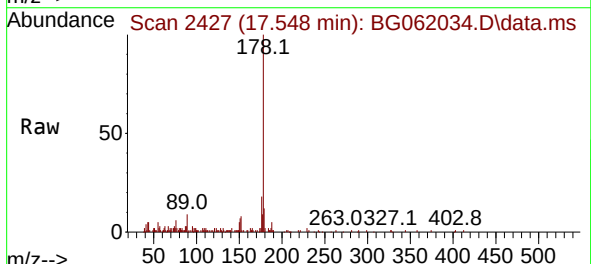
Tgt Ion:178 Resp: 282214
Ion Ratio Lower Upper
178 100
179 13.9 11.9 17.9
176 20.5 15.5 23.3

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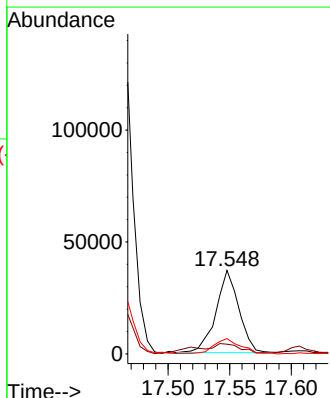
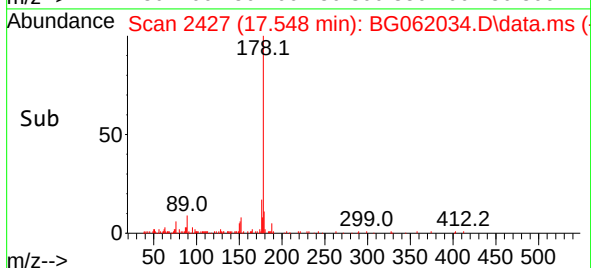
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

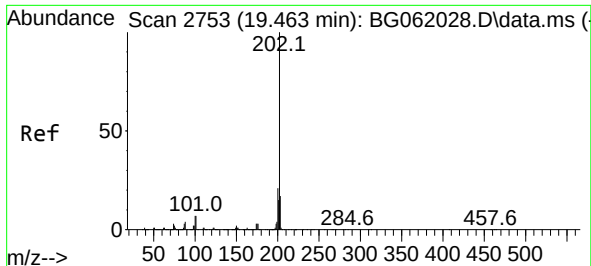


#74
Anthracene
Concen: 1.862 ng/ul m
RT: 17.548 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42



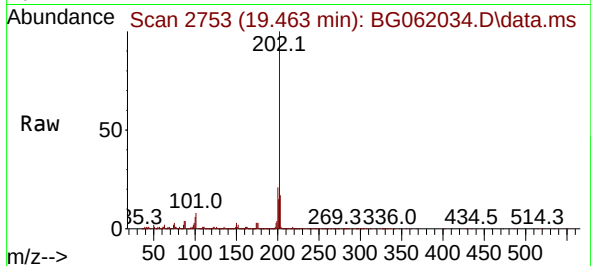
Tgt Ion:178 Resp: 47705
Ion Ratio Lower Upper
178 100
179 11.7 11.9 17.9#
176 18.3 14.7 22.1





#80
Fluoranthene
Concen: 21.393 ng/ul m
RT: 19.463 min Scan# 2753
Delta R.T. 0.001 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42

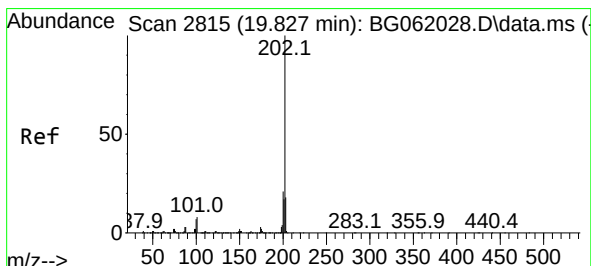
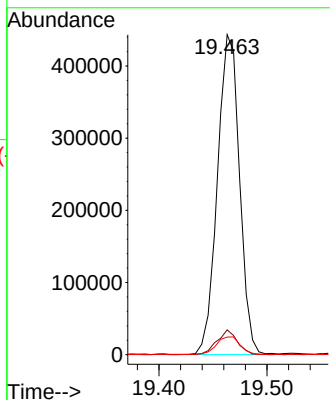
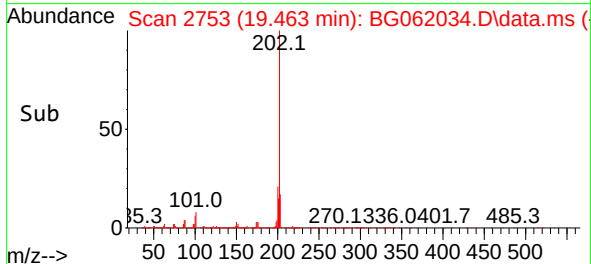
Instrument :
BNA_G
ClientSampleId :
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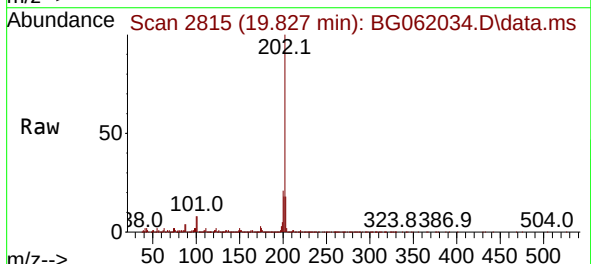
Tgt Ion:202 Resp: 629644
Ion Ratio Lower Upper
202 100
101 7.7 7.4 11.2
100 5.5 6.6 10.0

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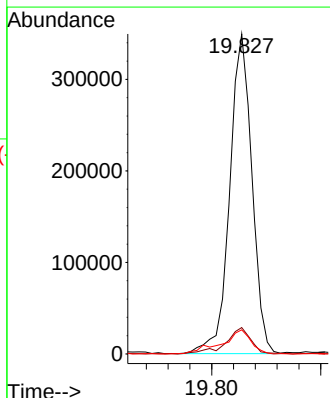
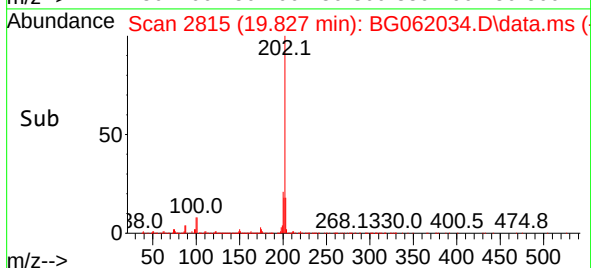
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

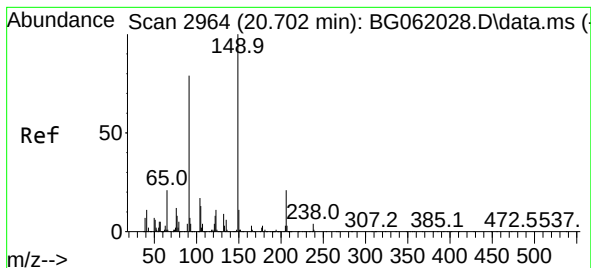


#82
Pyrene
Concen: 16.318 ng/ul m
RT: 19.827 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42



Tgt Ion:202 Resp: 496106
Ion Ratio Lower Upper
202 100
101 8.2 8.8 13.2#
100 7.6 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 1.666 ng/ul

RT: 20.703 min Scan# 2964

Delta R.T. 0.001 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Instrument :

BNA_G

ClientSampleId :

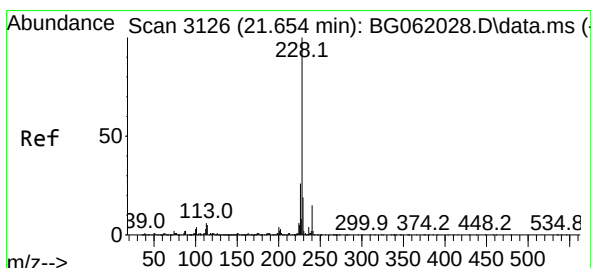
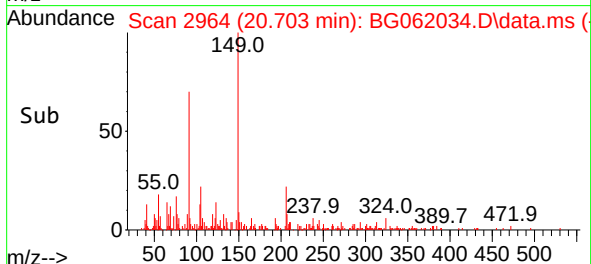
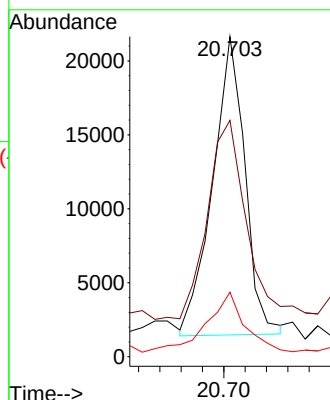
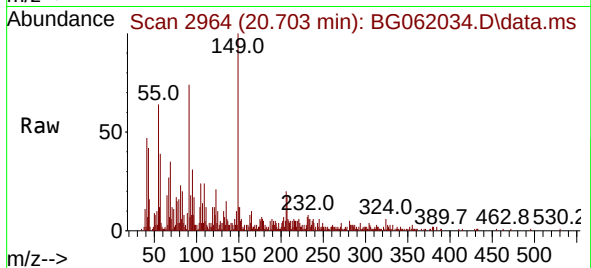
A4BR7

Tgt Ion:	149	Resp:	2126
Ion Ratio	Lower	Upper	
149	100		
91	73.9	60.6	91.0
206	20.1	14.6	21.8

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#85

Benzo(a)anthracene

Concen: 9.799 ng/ul m

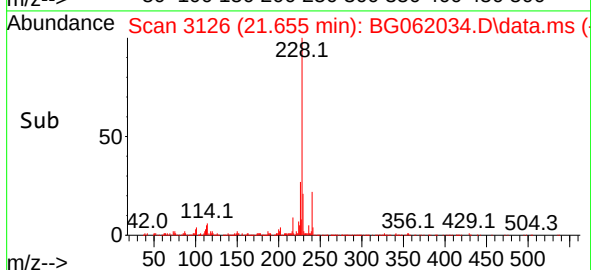
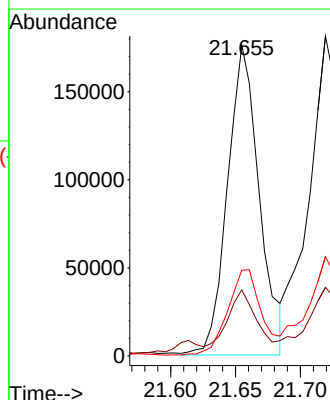
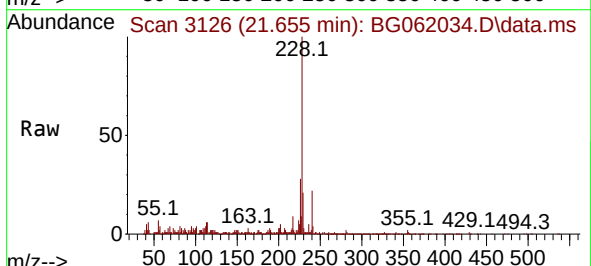
RT: 21.655 min Scan# 3126

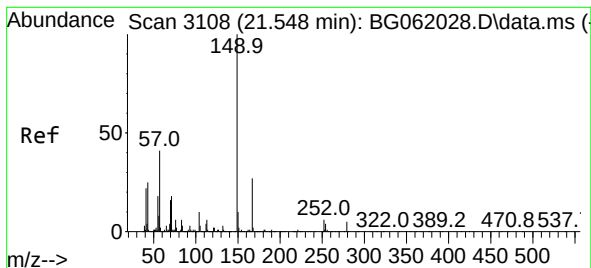
Delta R.T. 0.001 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

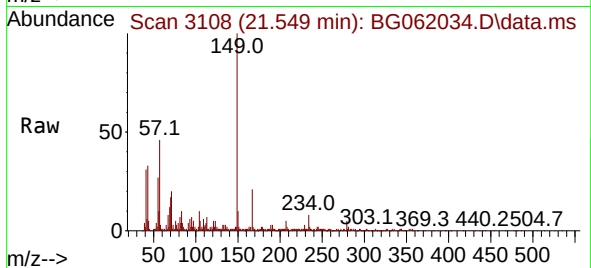
Tgt Ion:	228	Resp:	299998
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.7	23.5
226	27.6	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.428 ng/ul m
RT: 21.549 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42

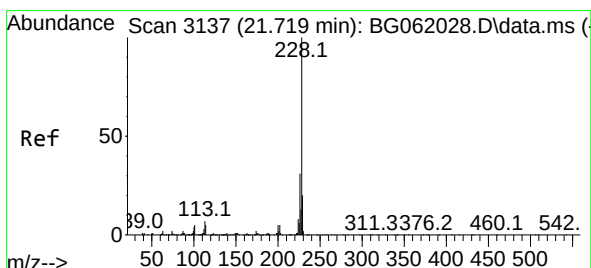
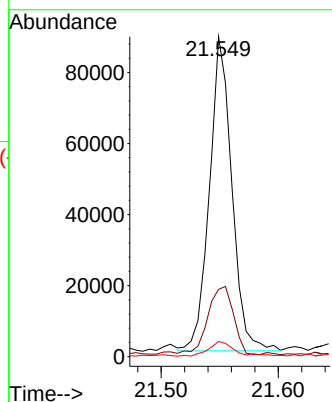
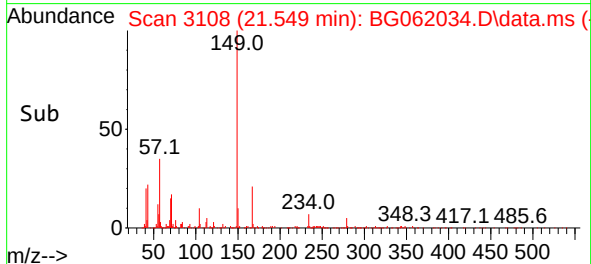
Instrument :
BNA_G
ClientSampleId :
A4BR7



Tgt Ion:149 Resp: 117702
Ion Ratio Lower Upper
149 100
167 21.1 21.7 32.5
279 4.8 2.8 4.2

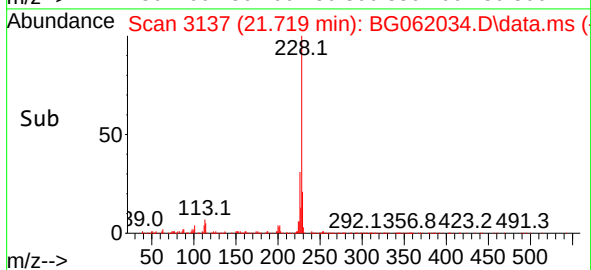
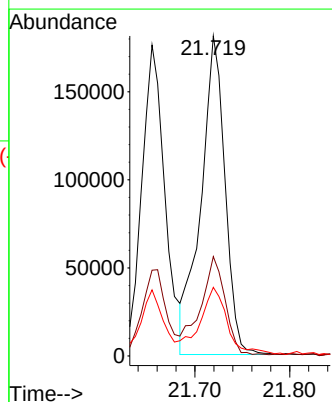
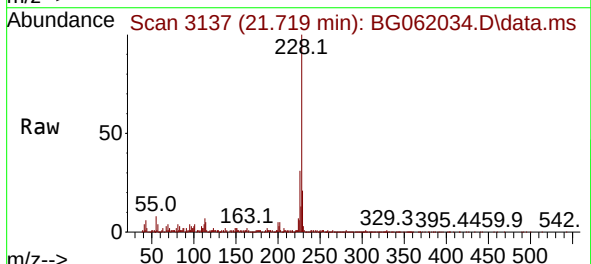
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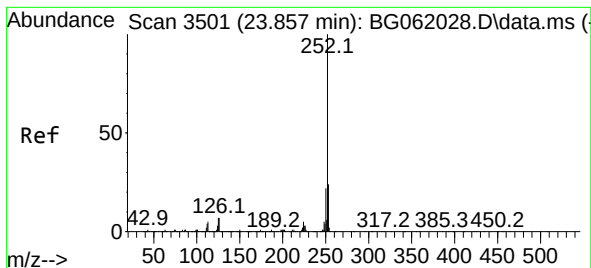
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#87
Chrysene
Concen: 11.186 ng/ul
RT: 21.719 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG062034.D
Acq: 12 Jul 2024 8:42

Tgt Ion:228 Resp: 320580
Ion Ratio Lower Upper
228 100
226 31.0 23.3 34.9
229 21.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 14.360 ng/ul

RT: 23.864 min Scan# 3501

Delta R.T. 0.007 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Instrument :

BNA_G

ClientSampleId :

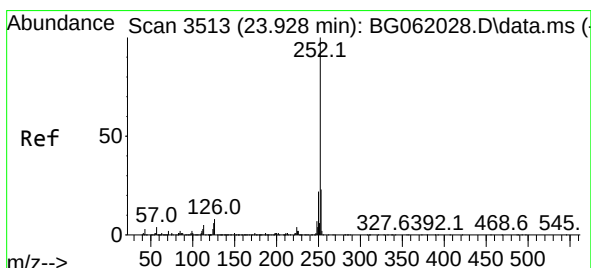
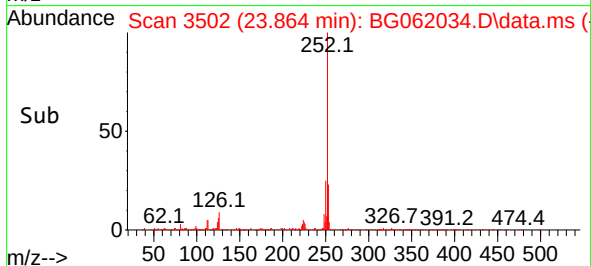
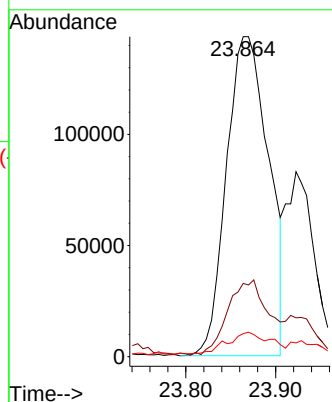
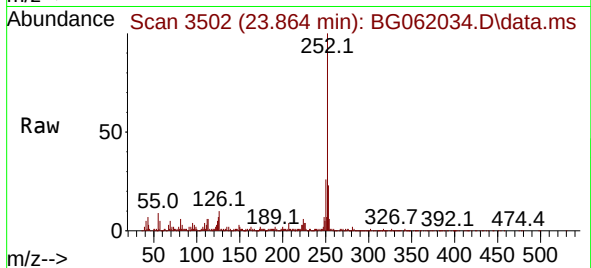
A4BR7

Tgt Ion:252 Resp: 46772
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 7.2 6.1 9.1

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#91

Benzo(k)fluoranthene

Concen: 5.573 ng/ul m

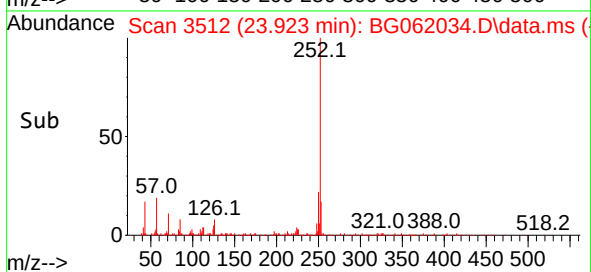
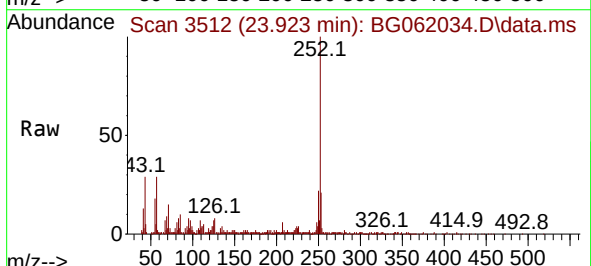
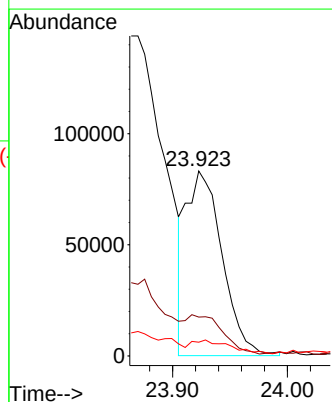
RT: 23.923 min Scan# 3512

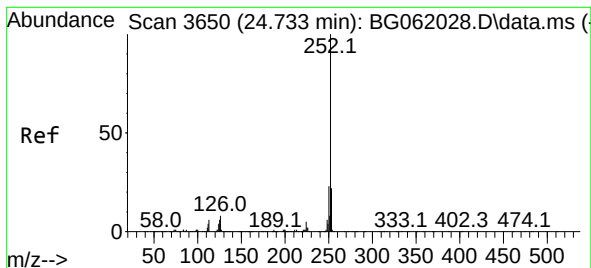
Delta R.T. 0.001 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Tgt Ion:252 Resp: 181022
Ion Ratio Lower Upper
252 100
253 21.1 19.3 28.9
125 7.4 6.3 9.5





#93

Benzo(a)pyrene

Concen: 6.917 ng/ul

RT: 24.733 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Instrument :

BNA_G

ClientSampleId :

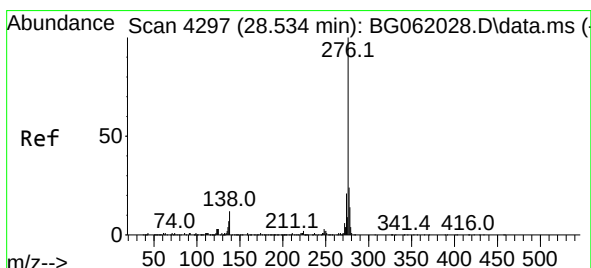
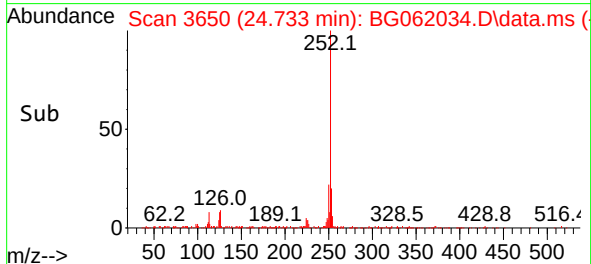
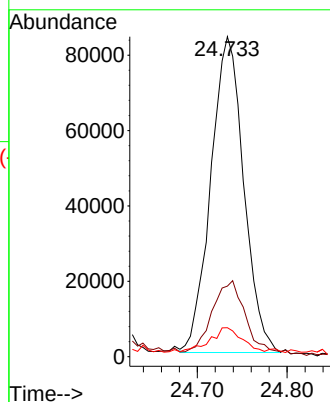
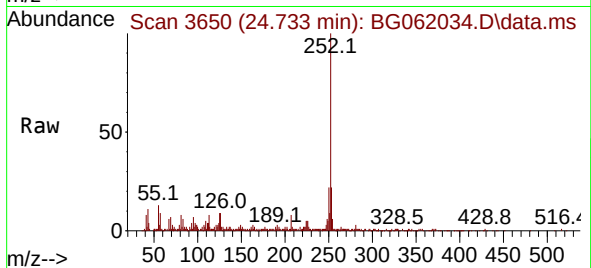
A4BR7

Tgt Ion:	252	Resp:	213340
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.5	24.7
125	9.1	7.4	11.2

Manual Integrations

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Supervised By :mohammad ahmed 07/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.025 ng/ul m

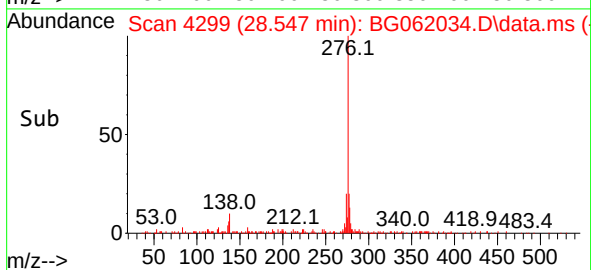
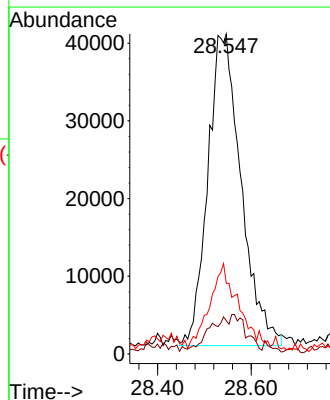
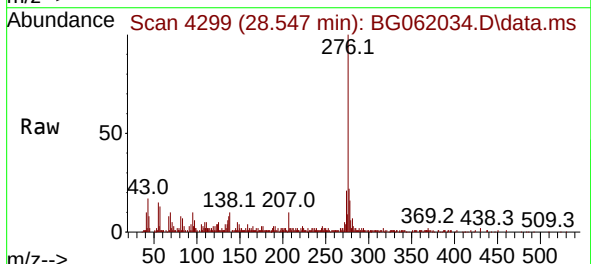
RT: 28.547 min Scan# 4299

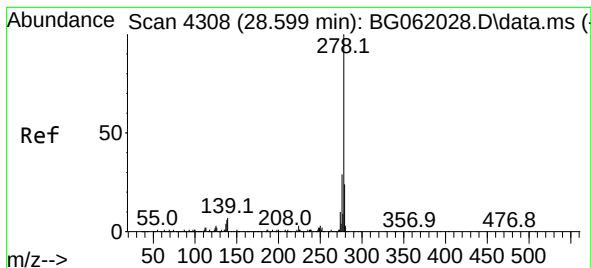
Delta R.T. 0.012 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Tgt Ion:	276	Resp:	198056
Ion Ratio	Lower	Upper	
276	100		
138	10.4	11.9	17.9#
277	22.1	19.3	28.9





#95

Dibenzo(a,h)anthracene

Concen: 2.154 ng/ul m

RT: 28.588 min Scan# 4

Delta R.T. -0.005 min

Lab File: BG062034.D

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Instrument :

BNA_G

ClientSampleId :

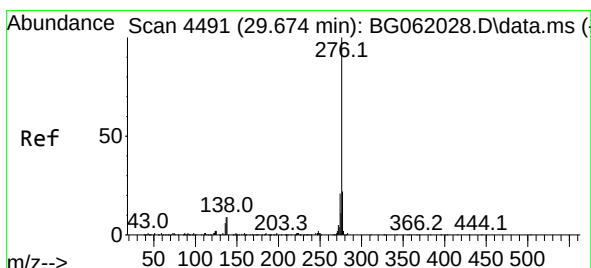
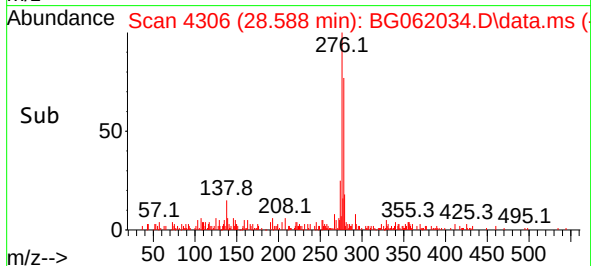
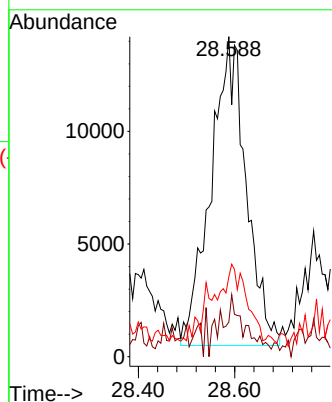
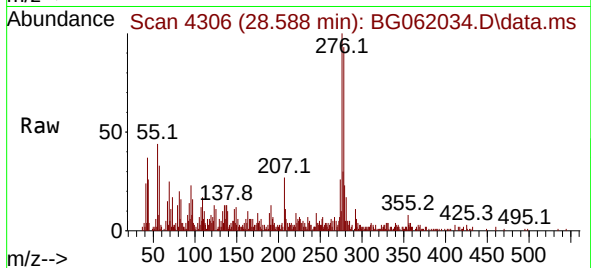
A4BR7

Tgt Ion:	278	Resp:	7012
Ion Ratio	Lower	Upper	
278	100		
139	10.8	7.6	11.4
279	25.0	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#96

Benzo(g,h,i)perylene

Concen: 3.241 ng/ul m

RT: 29.698 min Scan# 4495

Delta R.T. 0.030 min

Lab File: BG062034.D

Acq: 12 Jul 2024 8:42

Tgt Ion:	276	Resp:	101621
Ion Ratio	Lower	Upper	
276	100		
138	12.5	11.1	16.7
277	24.2	18.8	28.2

