

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058386.D
 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 22:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	52325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	221173	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	143515	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.276	188	316811	20.000	ng/u1	0.00
79) Chrysene-d12	21.530	240	254873	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	317073	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3645	2.564	ng/uL	0.00
4) Pyridine-d5	3.745	84	38726	9.178	ng/u1	0.00
7) Phenol-d5	7.059	99	60678	12.224	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	49106	15.828	ng/u1	0.00
11) 2-Chlorophenol-d4	7.429	132	54588	15.711	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	21257	5.614	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	27184	16.397	ng/u1	0.00
24) 2-Nitrophenol-d4	9.773	143	30435	16.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	48244	13.905	ng/u1	0.00
31) 4-Chloroaniline-d4	10.860	131	401	0.080	ng/u1	0.02
46) Dimethylphthalate-d6	13.933	166	173007	15.633	ng/u1	0.00
49) Acenaphthylene-d8	14.221	160	174040	15.007	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.744	143	17593	10.526	ng/u1	0.00
60) Fluorene-d10	15.520	176	154864	16.902	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	12951	8.024	ng/u1	0.00
73) Anthracene-d10	17.376	188	205816	15.035	ng/u1	0.00
81) Pyrene-d10	19.662	212	102950	6.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.444	264	49468	3.228	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.035	77	2453	1.224	ng/u1	88
8) Phenol	7.088	94	6026	1.169	ng/u1	98
16) Acetophenone	8.716	105	25189	3.907	ng/u1	98
50) Acenaphthylene	14.256	152	18439	1.473	ng/u1	95
61) Fluorene	15.578	166	10815	1.066	ng/u1	94
72) Phenanthrene	17.317	178	129951	8.631	ng/u1	98
74) Anthracene	17.412	178	31541	2.087	ng/u1	97
80) Fluoranthene	19.333	202	338461	19.626	ng/u1	100
82) Pyrene	19.691	202	103827	5.942	ng/u1	98
85) Benzo(a)anthracene	21.507	228	168041	9.809	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	47546	4.858	ng/u1	100
87) Chrysene	21.571	228	138412m	8.518	ng/u1	
90) Benzo(b)fluoranthene	23.669	252	173474	9.456	ng/u1	99
91) Benzo(k)fluoranthene	23.728	252	73551m	4.020	ng/u1	
93) Benzo(a)pyrene	24.503	252	20907	1.281	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	28.222	276	31862m	1.482	ng/u1	
95) Dibenzo(a,h)anthracene	28.281	278	24907m	1.413	ng/u1	

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

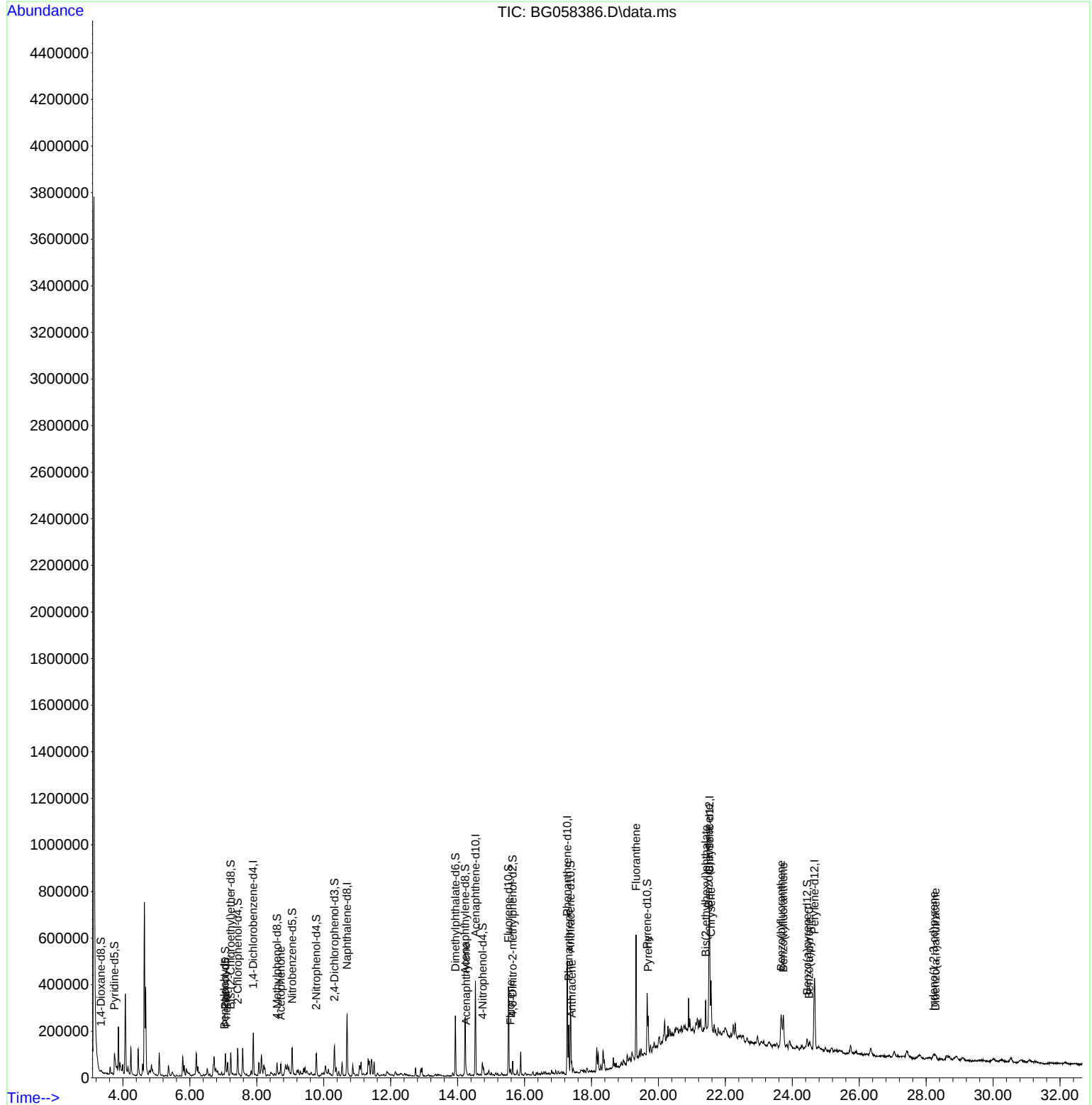
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058386.D
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ALS Vial : 6 Sample Multiplier: 1

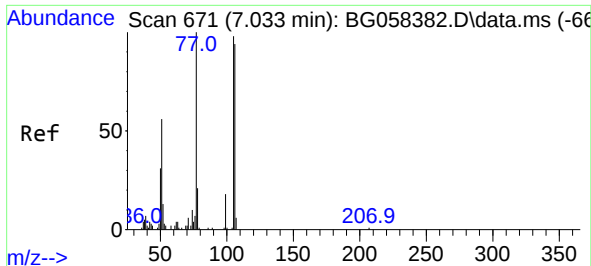
Instrument :
BNA_G
ClientSampleId :
A46S1

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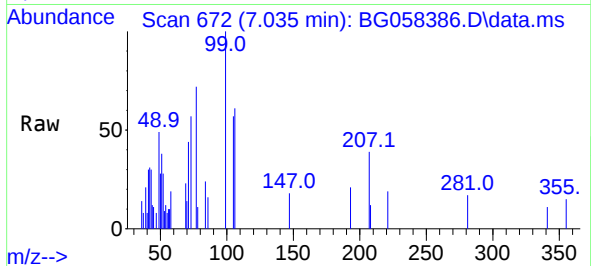
Quant Time: Jul 21 22:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.224 ng/ul
RT: 7.035 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

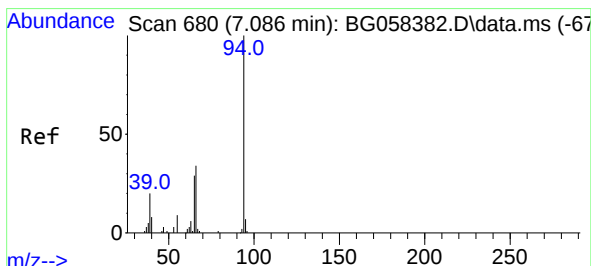
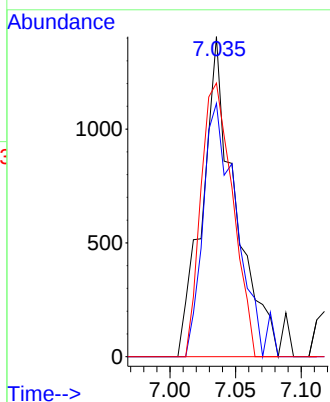
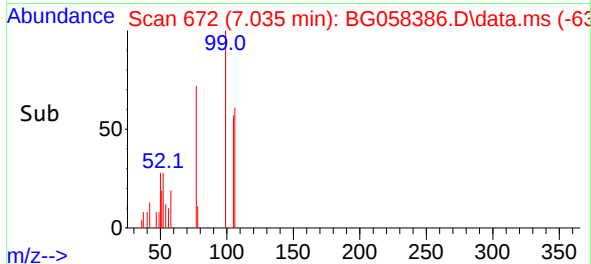
Instrument :
BNA_G
ClientSampleId :
A46S1



Tgt Ion: 77 Resp: 245
Ion Ratio Lower Upper
77 100
105 79.2 78.2 117.4
106 85.5 71.6 107.4

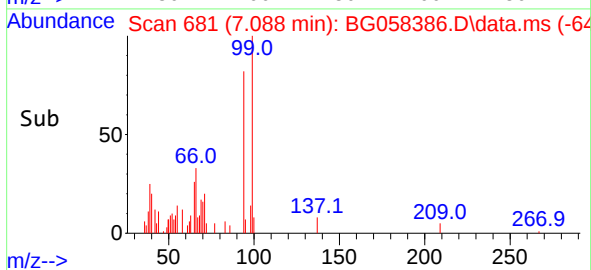
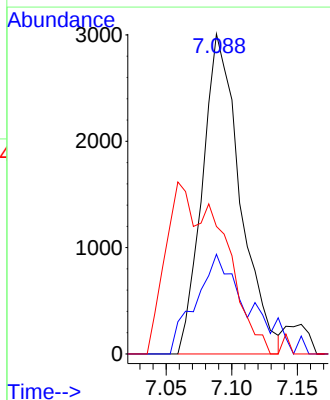
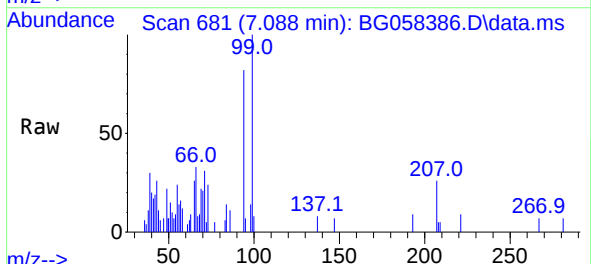
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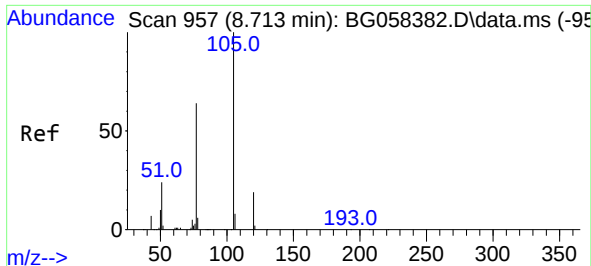
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#8
Phenol
Concen: 1.169 ng/ul
RT: 7.088 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

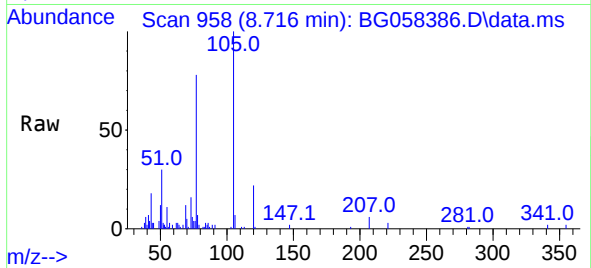
Tgt Ion: 94 Resp: 6026
Ion Ratio Lower Upper
94 100
65 31.2 23.8 35.8
66 39.8 31.2 46.8





#16
Acetophenone
Concen: 3.907 ng/uI
RT: 8.716 min Scan# 901
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

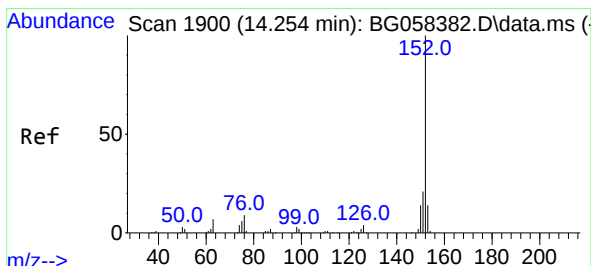
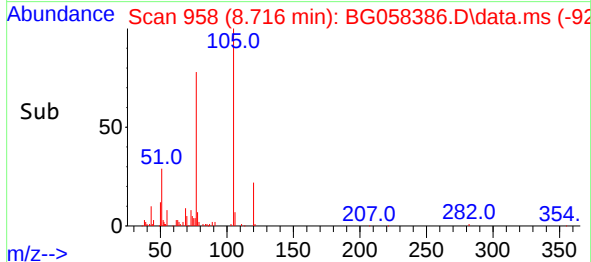
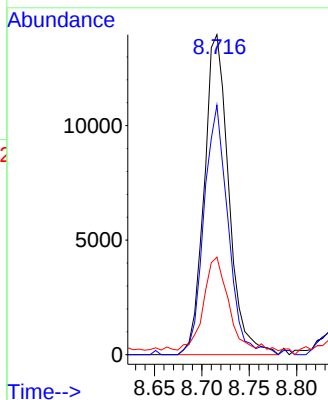
Instrument :
BNA_G
ClientSampleId :
A46S1



Tgt Ion:105 Resp: 25189
Ion Ratio Lower Upper
105 100
77 77.9 60.7 91.1
51 30.5 23.5 35.3

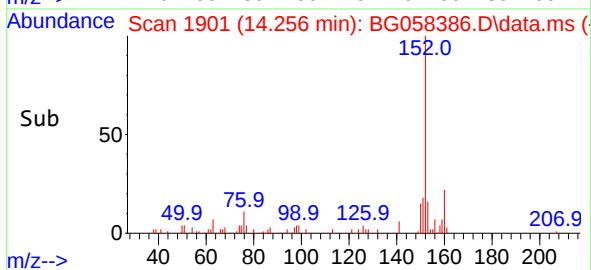
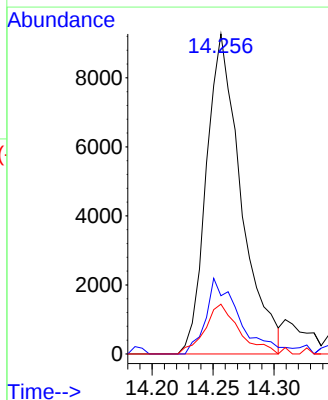
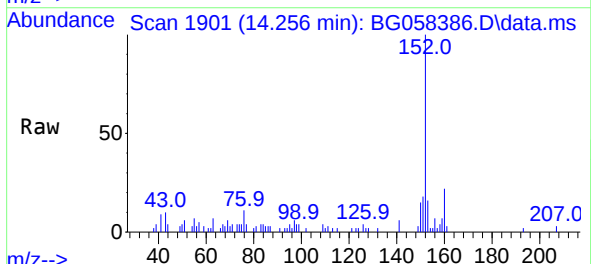
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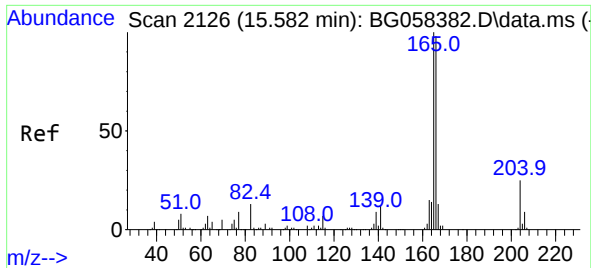
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#50
Acenaphthylene
Concen: 1.473 ng/uI
RT: 14.256 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion:152 Resp: 18439
Ion Ratio Lower Upper
152 100
151 18.2 16.4 24.6
153 15.5 10.6 16.0





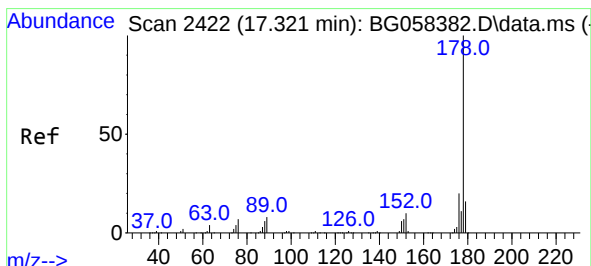
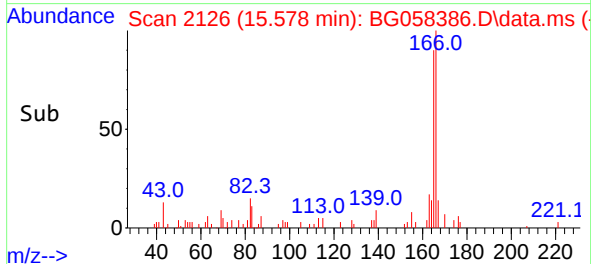
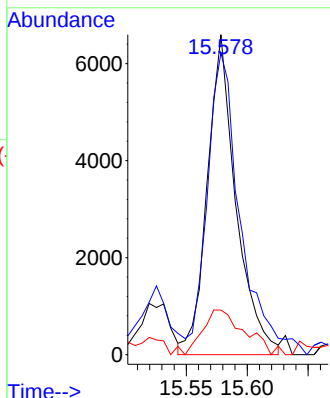
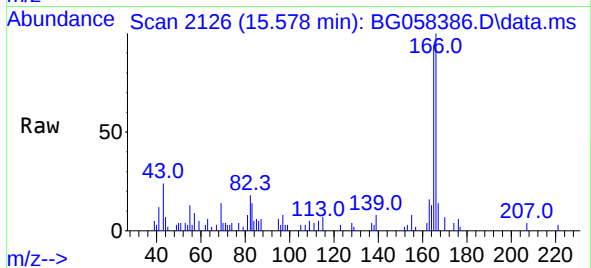
#61
Fluorene
Concen: 1.066 ng/uI
RT: 15.578 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Instrument :
BNA_G
ClientSampleId :
A46S1

Tgt Ion:166 Resp: 1081
Ion Ratio Lower Upper
166 100
165 94.2 80.2 120.2
167 14.0 10.5 15.7

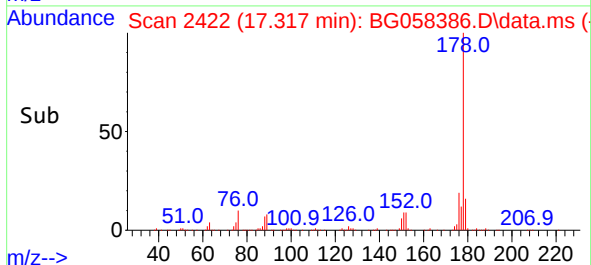
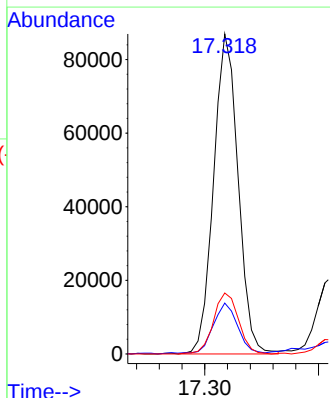
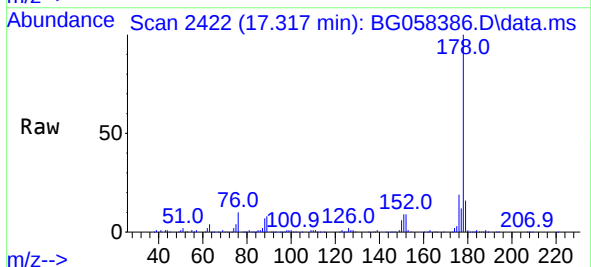
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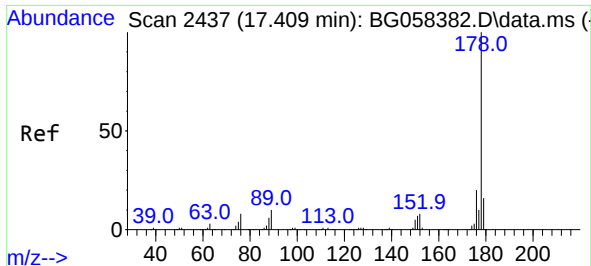
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#72
Phenanthrene
Concen: 8.631 ng/uI
RT: 17.317 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Tgt Ion:178 Resp: 129951
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 19.0 15.8 23.8





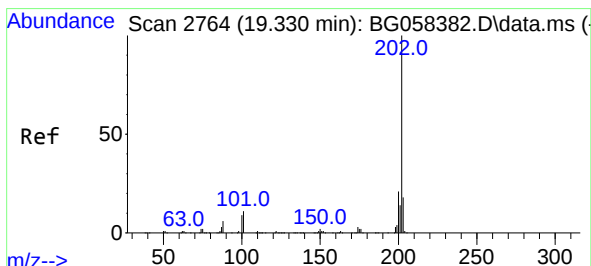
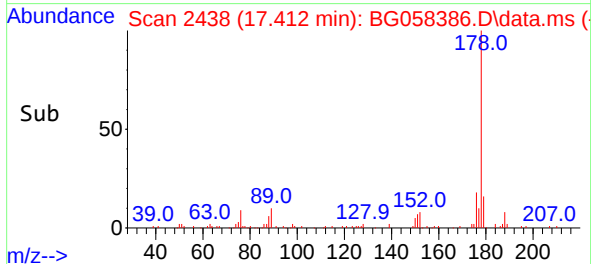
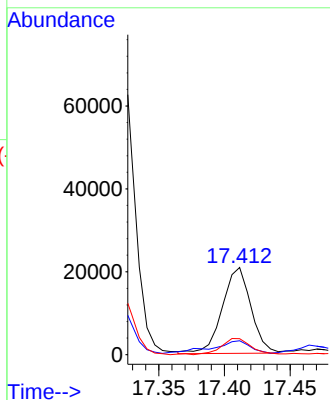
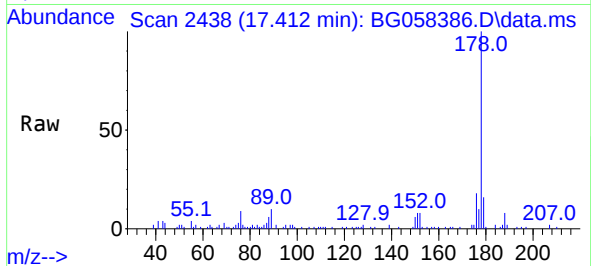
#74
 Anthracene
 Concen: 2.087 ng/u1
 RT: 17.412 min Scan# 2437
 Delta R.T. -0.006 min
 Lab File: BG058386.D
 Acq: 21 Jul 2023 13:53

Instrument :
 BNA_G
 ClientSampleId :
 A46S1

Tgt Ion:178 Resp: 3154
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.4 20.2
 176 18.4 16.2 24.2

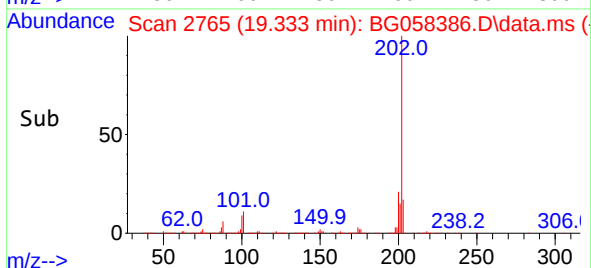
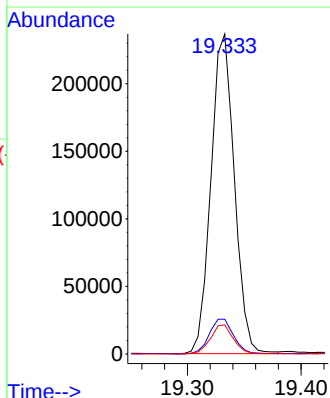
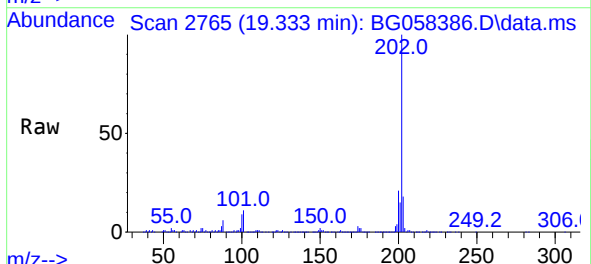
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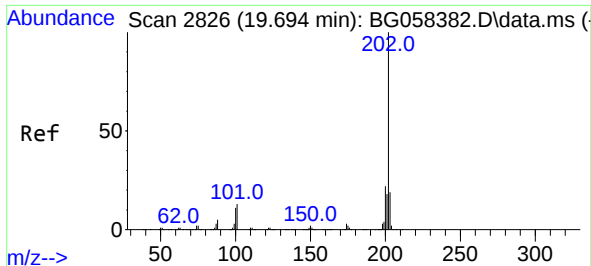
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#80
 Fluoranthene
 Concen: 19.626 ng/u1
 RT: 19.333 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BG058386.D
 Acq: 21 Jul 2023 13:53

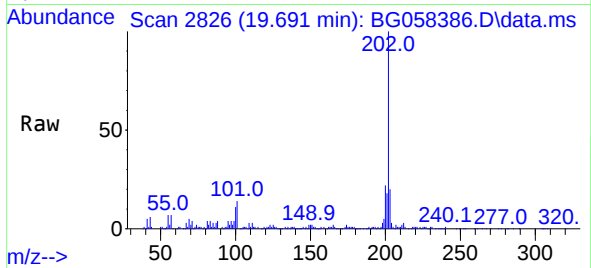
Tgt Ion:202 Resp: 338461
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.6 12.8
 100 9.1 7.2 10.8





#82
Pyrene
Concen: 5.942 ng/ul
RT: 19.691 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

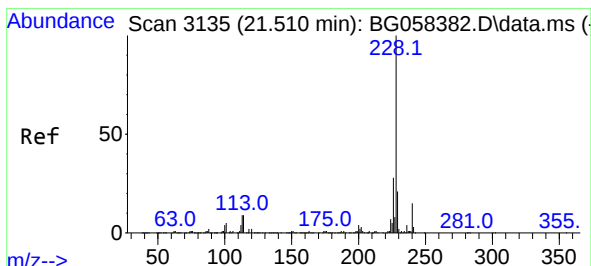
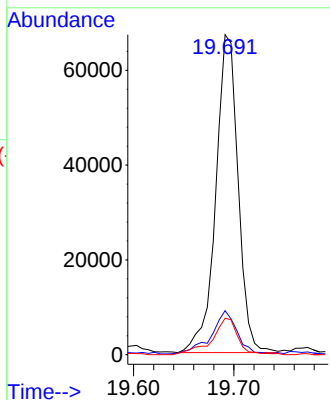
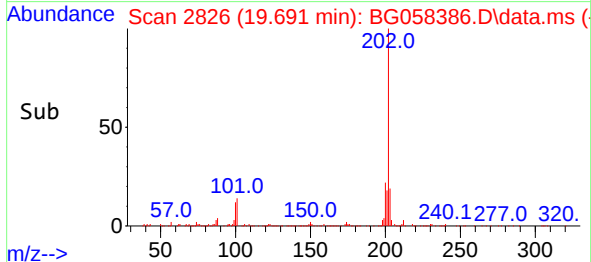
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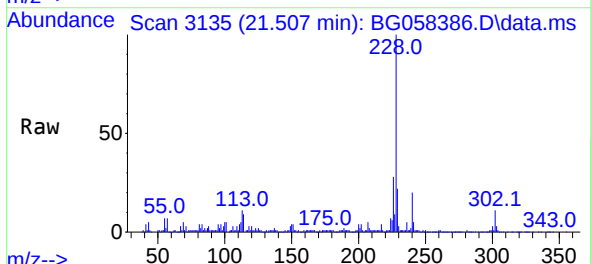
Tgt Ion:202 Resp: 10382
Ion Ratio Lower Upper
202 100
101 13.7 10.2 15.2
100 11.4 8.9 13.3

Manual Integrations
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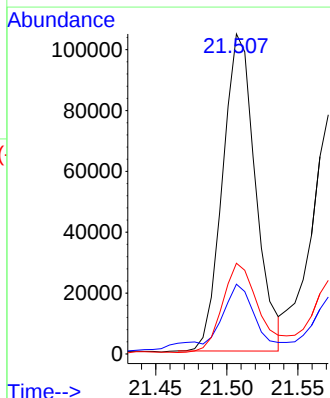
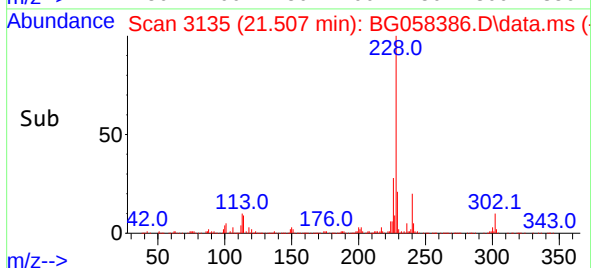
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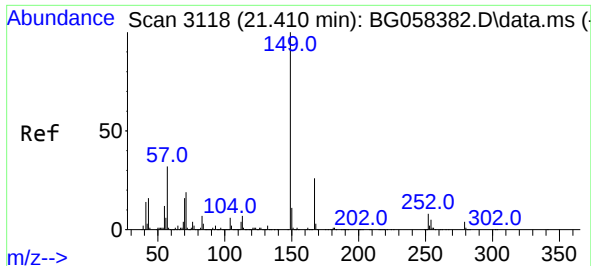


#85
Benzo(a)anthracene
Concen: 9.809 ng/ul
RT: 21.507 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53



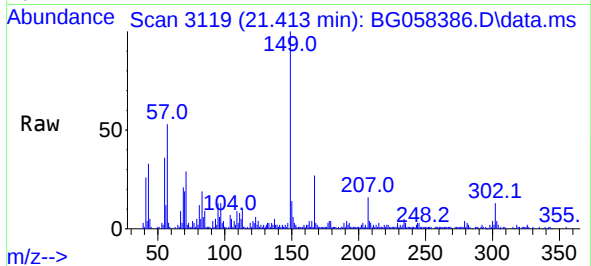
Tgt Ion:228 Resp: 168041
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.3 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.858 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

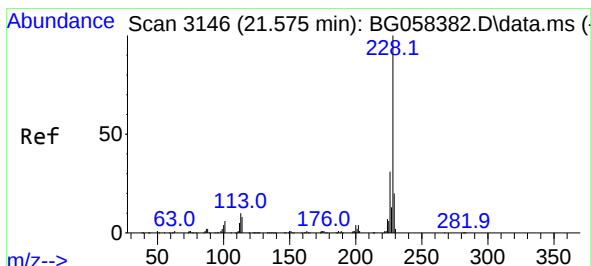
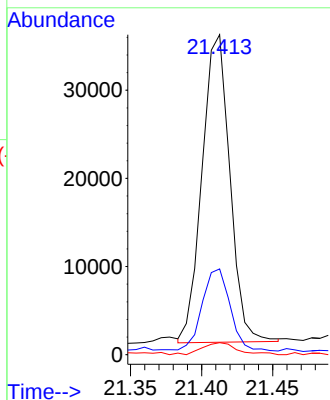
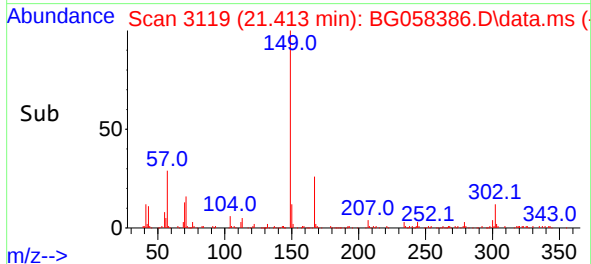
Instrument :
BNA_G
ClientSampleId :
A46S1



Tgt Ion:149 Resp: 47540
Ion Ratio Lower Upper
149 100
167 26.8 21.6 32.4
279 3.8 3.0 4.4

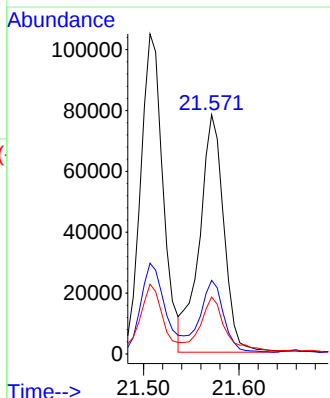
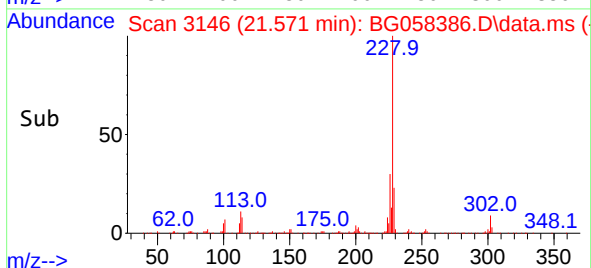
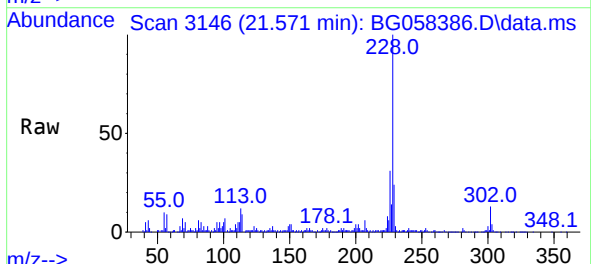
Manual Integrations
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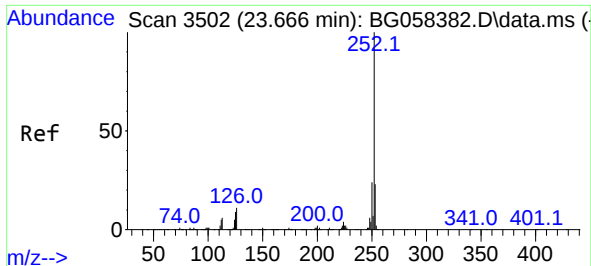
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#87
Chrysene
Concen: 8.518 ng/ul m
RT: 21.571 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

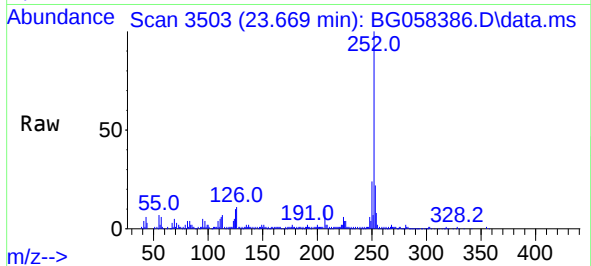
Tgt Ion:228 Resp: 138412
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 23.8 15.8 23.8#





#90
Benzo(b)fluoranthene
Concen: 9.456 ng/ul
RT: 23.669 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

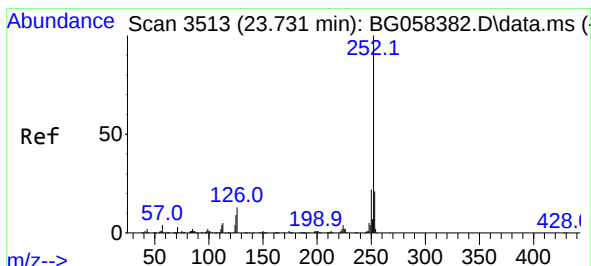
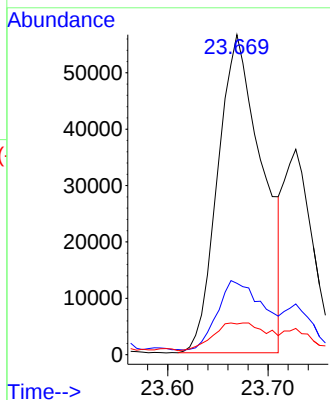
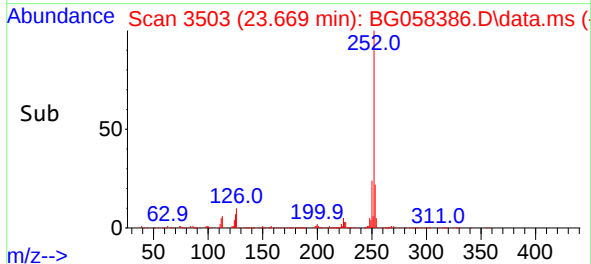
Instrument :
BNA_G
ClientSampleId :
A46S1



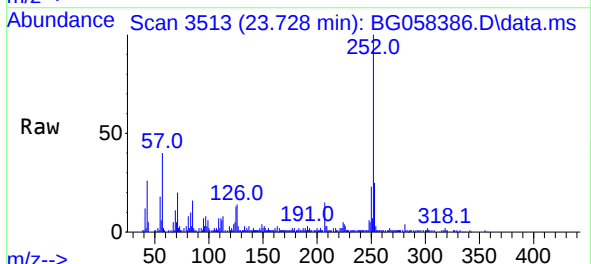
Tgt Ion:252 Resp: 173474
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.6 6.7 10.1

Manual Integrations
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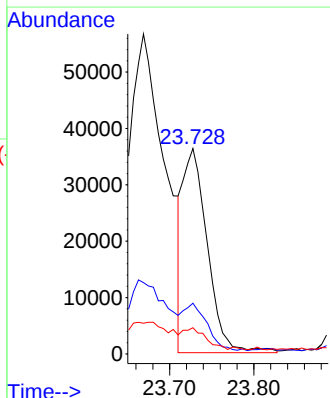
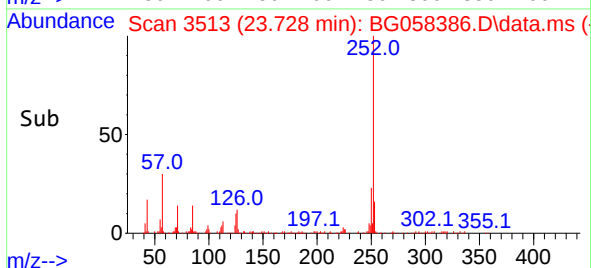
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

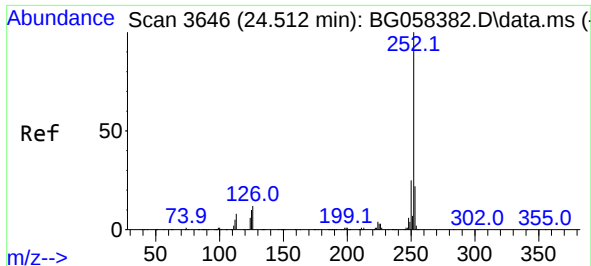


#91
Benzo(k)fluoranthene
Concen: 4.020 ng/ul m
RT: 23.728 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53



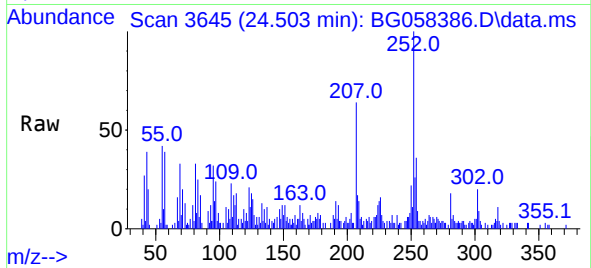
Tgt Ion:252 Resp: 73551
Ion Ratio Lower Upper
252 100
253 24.7 18.3 27.5
125 12.8 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 1.281 ng/ul
RT: 24.503 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

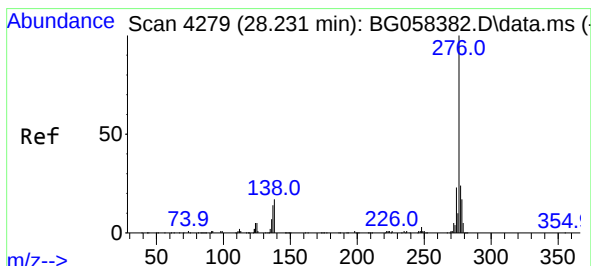
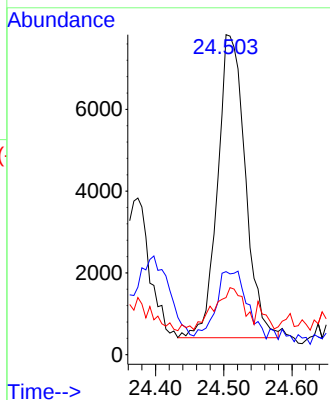
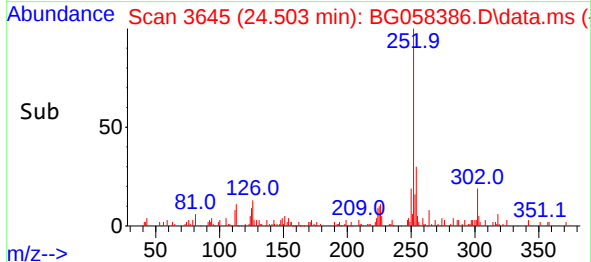
Instrument :
BNA_G
ClientSampleId :
A46S1



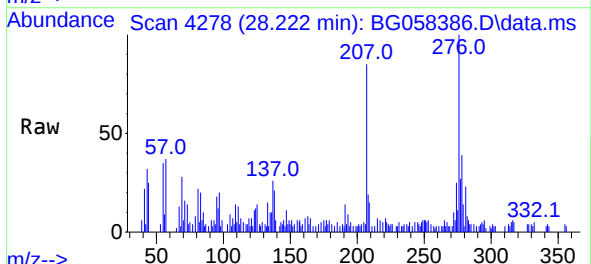
Tgt Ion:252 Resp: 2090
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 17.9 7.7 11.5

Manual Integrations
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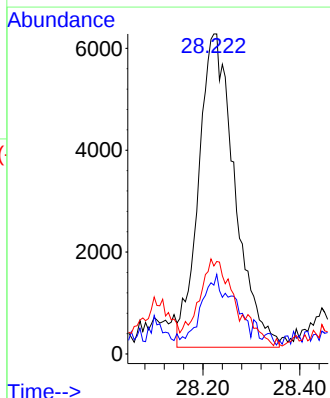
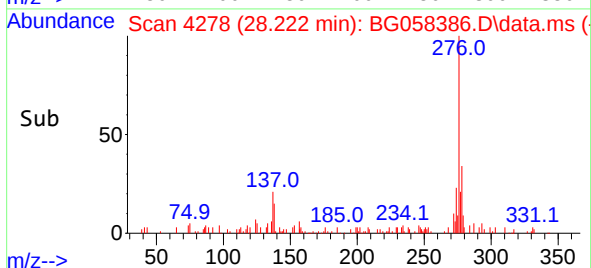
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

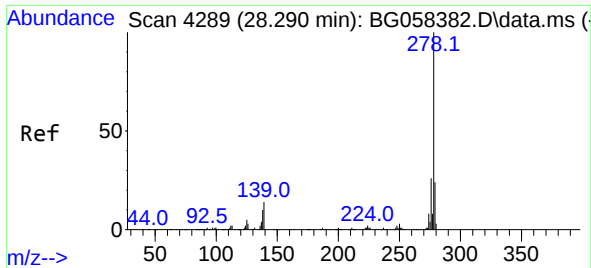


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.482 ng/ul m
RT: 28.222 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53



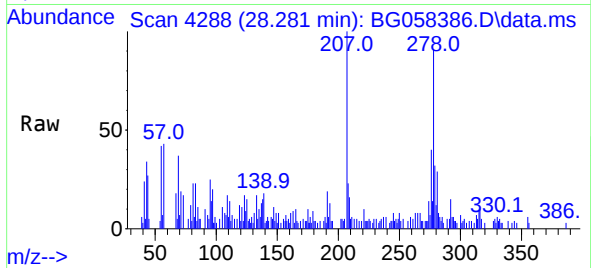
Tgt Ion:276 Resp: 31862
Ion Ratio Lower Upper
276 100
138 21.5 13.8 20.6#
277 27.5 19.2 28.8





#95
Dibenzo(a,h)anthracene
Concen: 1.413 ng/ul m
RT: 28.281 min Scan# 4288
Delta R.T. -0.011 min
Lab File: BG058386.D
Acq: 21 Jul 2023 13:53

Instrument :
BNA_G
ClientSampleId :
A46S1



Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	10.4	15.6
279	35.0	18.4	27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

