

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058308.D
 Acq On : 18 Jul 2023 19:50
 Operator : CG/JU
 Sample : 03444-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46R8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 05:04:40 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)

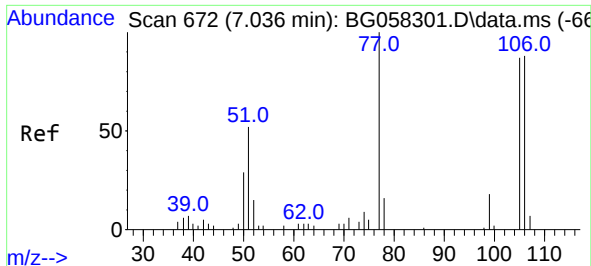
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	38756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	173023	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.535	164	127433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	297989	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	252923	20.000	ng/u1	0.00
88) Perylene-d12	24.665	264	303248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1362	1.293	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.062	99	34014	9.252	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	20338	8.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	24044	9.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	20211	7.207	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	11368	8.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	13727	9.695	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	26508	9.767	ng/u1	0.00
31) 4-Chloroaniline-d4	10.705	131	90	0.023	ng/u1	-0.13
46) Dimethylphthalate-d6	13.936	166	99066	10.081	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	105211	10.217	ng/u1	0.00
54) 4-Nitrophenol-d4	14.735	143	10939	7.371	ng/u1	0.00
60) Fluorene-d10	15.528	176	91874	11.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	11198	7.376	ng/u1	0.00
73) Anthracene-d10	17.379	188	128394	9.972	ng/u1	0.00
81) Pyrene-d10	19.665	212	177222	11.863	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	149249	10.183	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.038	77	2455	1.653	ng/u1	92
8) Phenol	7.091	94	7440m	1.949	ng/u1	
16) Acetophenone	8.719	105	42075	8.810	ng/u1	98
72) Phenanthrene	17.320	178	125391	8.855	ng/u1	99
74) Anthracene	17.414	178	24664	1.735	ng/u1	95
80) Fluoranthene	19.330	202	229183	13.392	ng/u1	98
82) Pyrene	19.694	202	215402	12.422	ng/u1	99
85) Benzo(a)anthracene	21.510	228	96472	5.675	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	49079	5.053	ng/u1	99
87) Chrysene	21.574	228	98625	6.116	ng/u1	98
90) Benzo(b)fluoranthene	23.666	252	117822	6.715	ng/u1#	98
91) Benzo(k)fluoranthene	23.725	252	46149m	2.637	ng/u1	
93) Benzo(a)pyrene	24.512	252	73976	4.740	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.214	276	59771m	2.907	ng/u1	
96) Benzo(g,h,i)perylene	29.330	276	56662m	3.382	ng/u1	

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

Manual Integrations

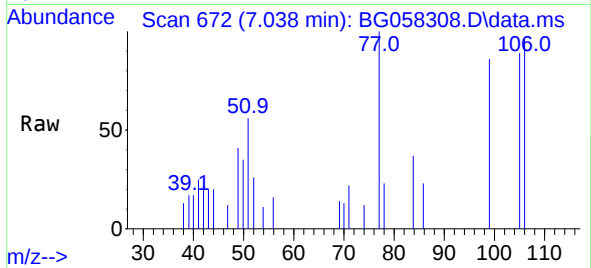
Quant Time: Jul 19 05:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.653 ng/ul
RT: 7.038 min Scan# 612
Delta R.T. 0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

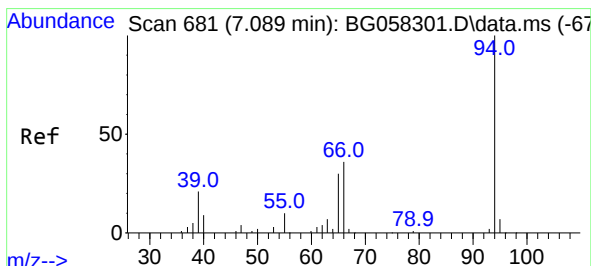
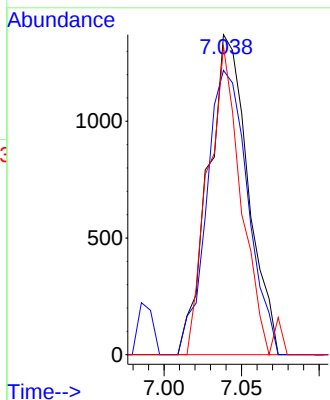
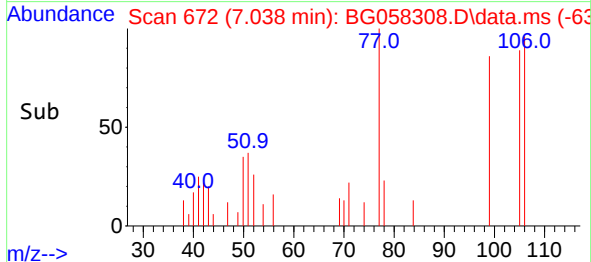
Instrument :
BNA_G
ClientSampleId :
A46R8



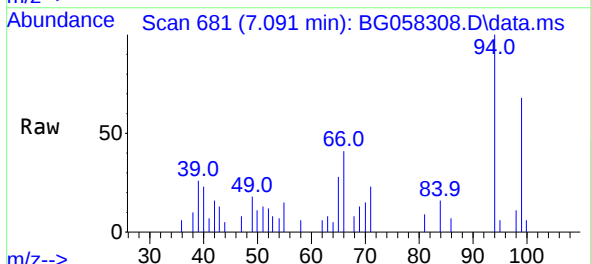
Tgt Ion: 77 Resp: 2458
Ion Ratio Lower Upper
77 100
105 88.8 78.2 117.4
106 96.4 71.6 107.4

Manual Integrations
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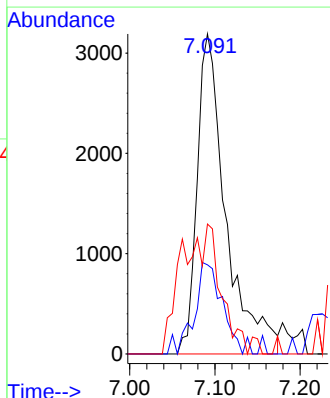
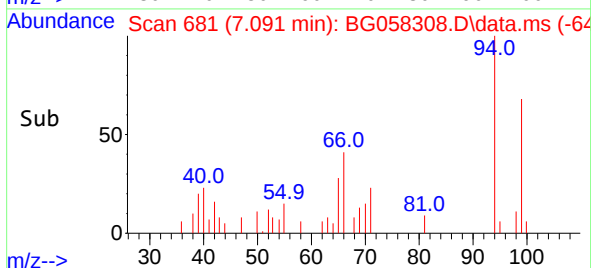
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

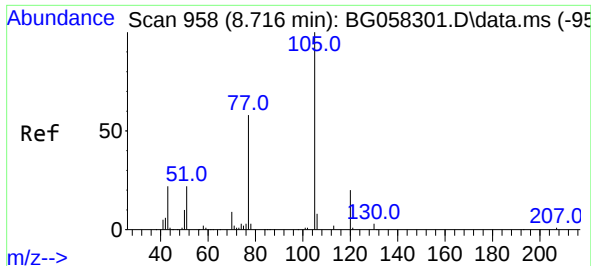


#8
Phenol
Concen: 1.949 ng/ul m
RT: 7.091 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50



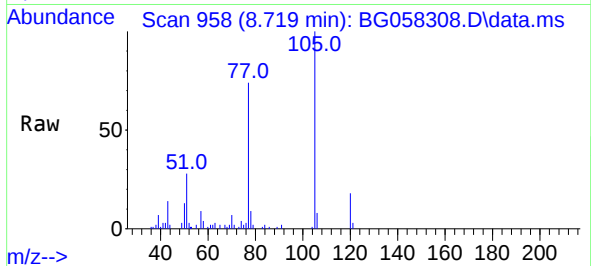
Tgt Ion: 94 Resp: 7440
Ion Ratio Lower Upper
94 100
65 27.9 23.8 35.8
66 40.6 31.2 46.8





#16
Acetophenone
Concen: 8.810 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

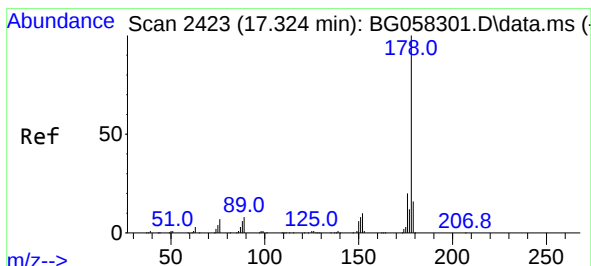
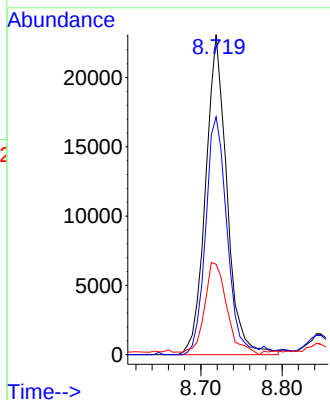
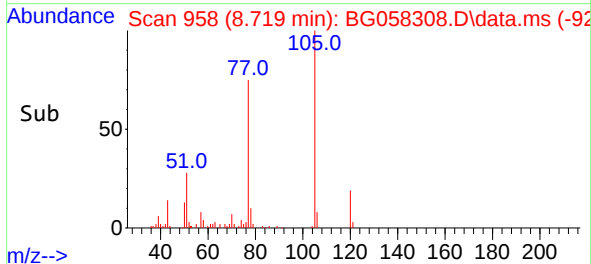
Instrument :
BNA_G
ClientSampleId :
A46R8



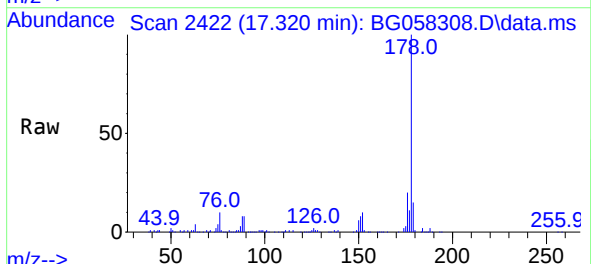
Tgt Ion:105 Resp: 42075
Ion Ratio Lower Upper
105 100
77 74.3 60.7 91.1
51 28.3 23.5 35.3

Manual Integrations
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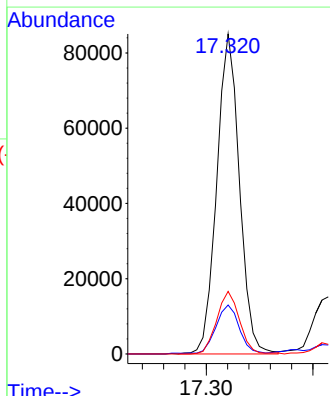
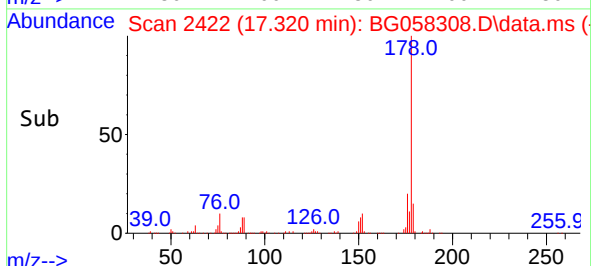
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

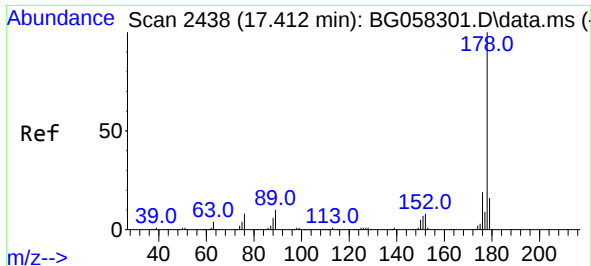


#72
Phenanthrene
Concen: 8.855 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50



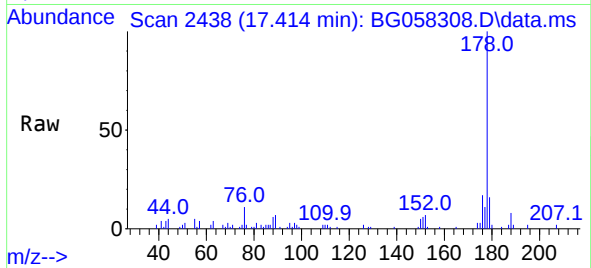
Tgt Ion:178 Resp: 125391
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 19.6 15.8 23.8





#74
 Anthracene
 Concen: 1.735 ng/ul
 RT: 17.414 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BG058308.D
 Acq: 18 Jul 2023 19:50

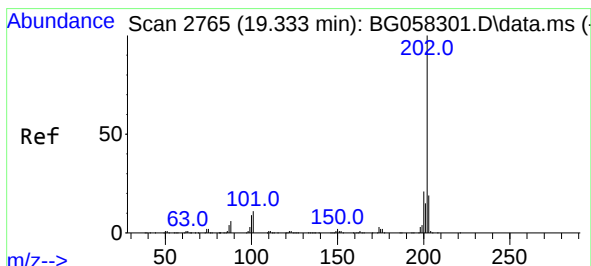
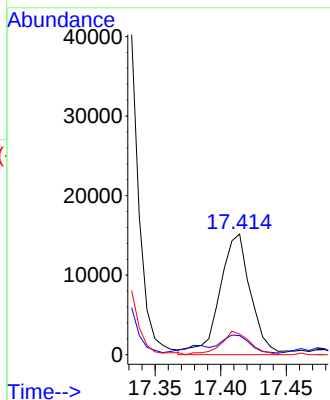
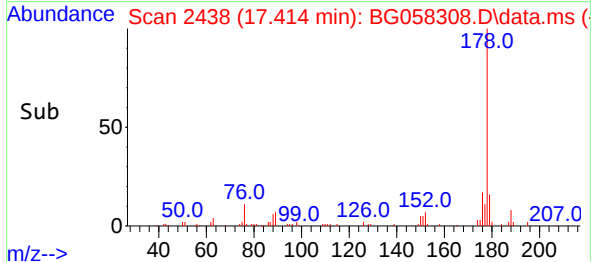
Instrument :
 BNA_G
 ClientSampleId :
 A46R8



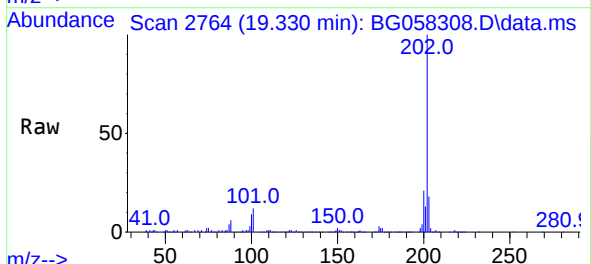
Tgt Ion:178 Resp: 24664
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.4 20.2
 176 17.0 16.2 24.2

Manual Integrations
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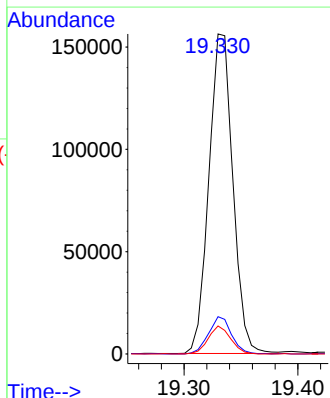
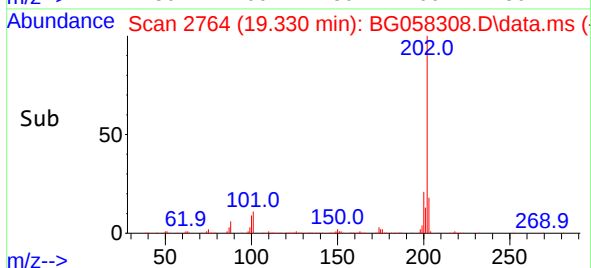
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

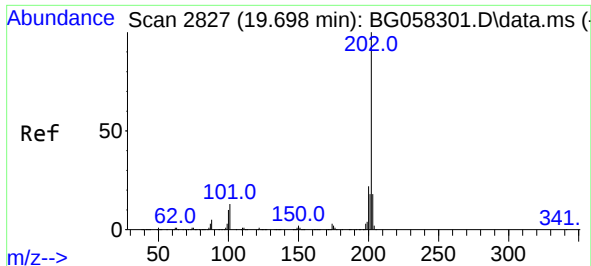


#80
 Fluoranthene
 Concen: 13.392 ng/ul
 RT: 19.330 min Scan# 2764
 Delta R.T. -0.003 min
 Lab File: BG058308.D
 Acq: 18 Jul 2023 19:50



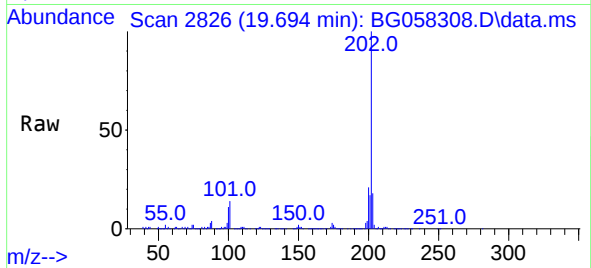
Tgt Ion:202 Resp: 229183
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.6 12.8
 100 8.8 7.2 10.8





#82
Pyrene
Concen: 12.422 ng/ul
RT: 19.694 min Scan# 21540
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

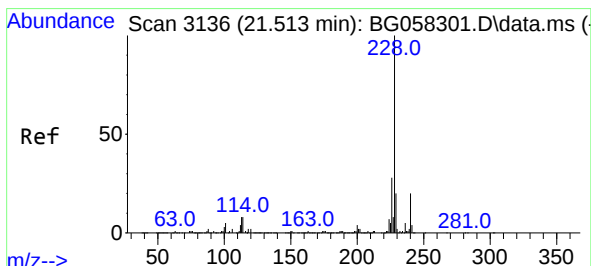
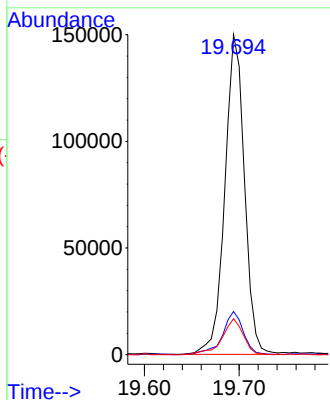
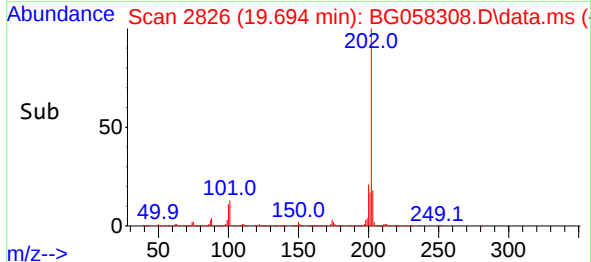
Instrument :
BNA_G
ClientSampleId :
A46R8



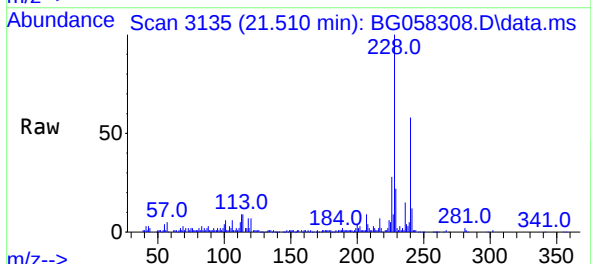
Tgt Ion:202 Resp: 21540
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 11.3 8.9 13.3

Manual Integrations
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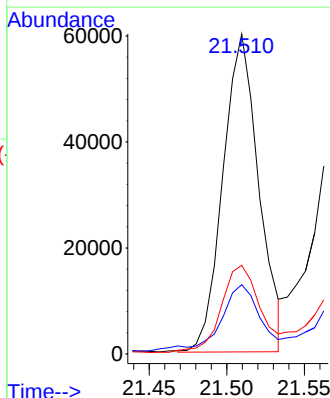
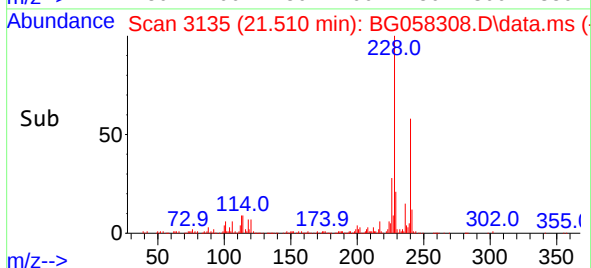
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

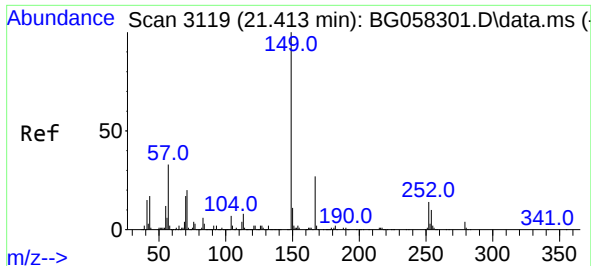


#85
Benzo(a)anthracene
Concen: 5.675 ng/ul
RT: 21.510 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50



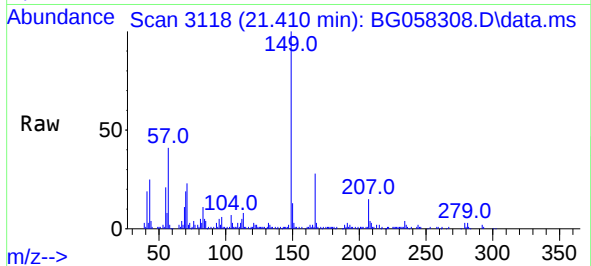
Tgt Ion:228 Resp: 96472
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 27.7 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.053 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

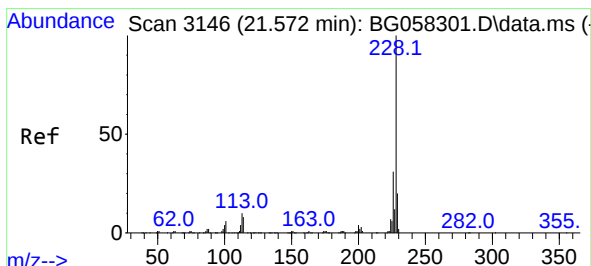
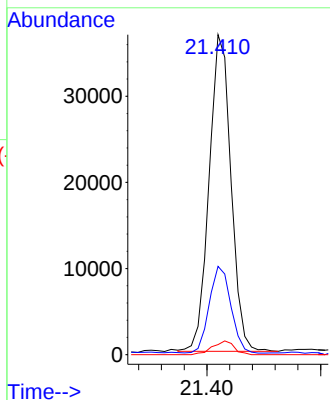
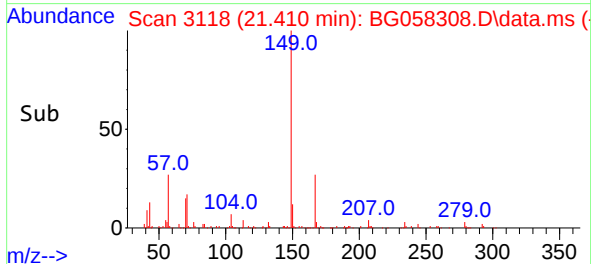
Instrument :
BNA_G
ClientSampleId :
A46R8



Tgt Ion:149 Resp: 49079
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 3.2 3.0 4.4

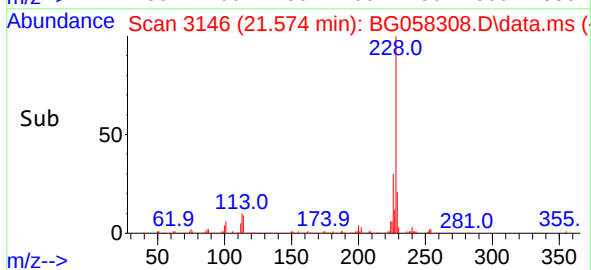
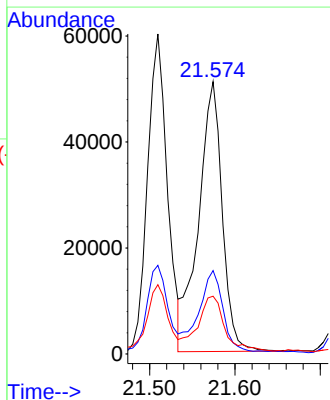
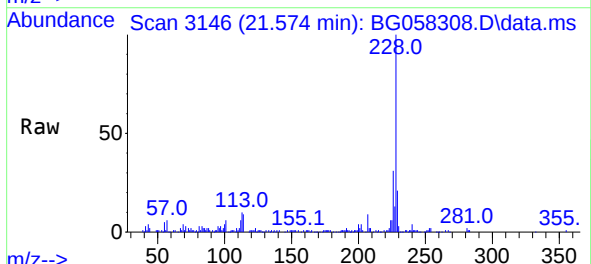
Manual Integrations
APPROVED

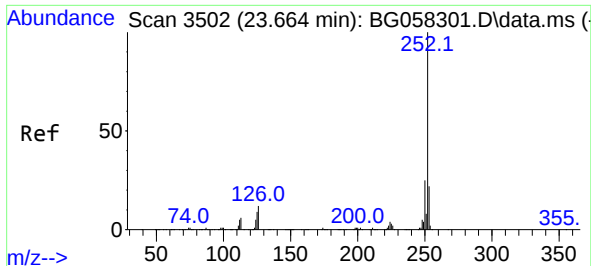
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#87
Chrysene
Concen: 6.116 ng/ul
RT: 21.574 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Tgt Ion:228 Resp: 98625
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.2 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 6.715 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.003 min

Lab File: BG058308.D

Acq: 18 Jul 2023 19:50

Instrument :

BNA_G

ClientSampleId :

A46R8

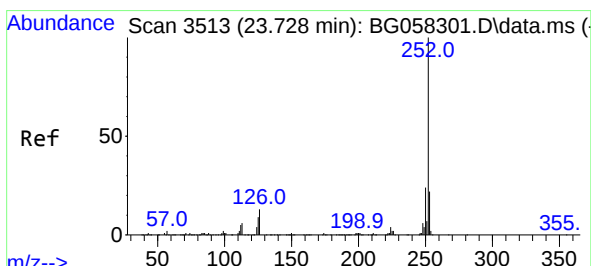
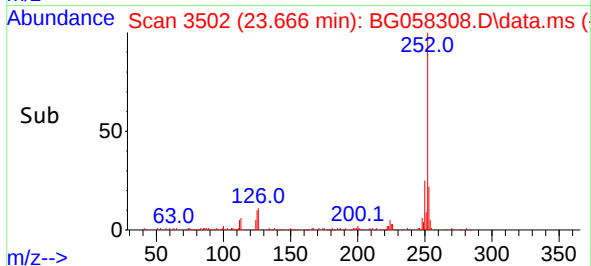
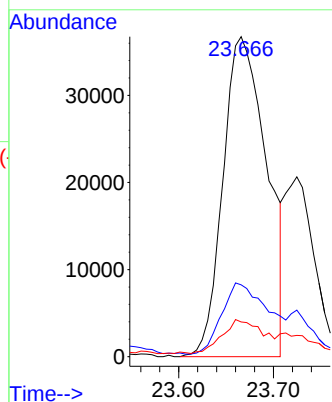
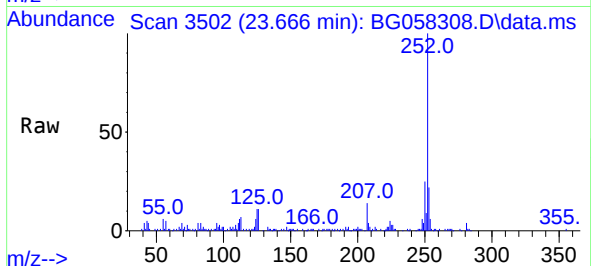
Tgt Ion:252 Resp: 11782

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.9	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#91

Benzo(k)fluoranthene

Concen: 2.637 ng/ul m

RT: 23.725 min Scan# 3512

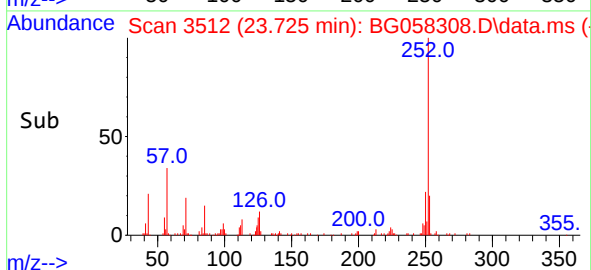
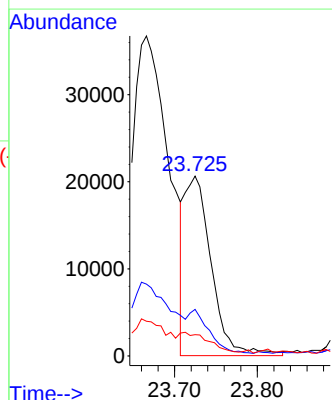
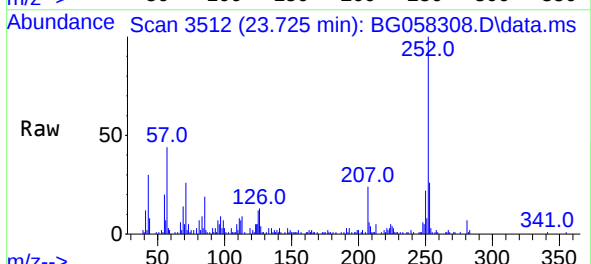
Delta R.T. -0.009 min

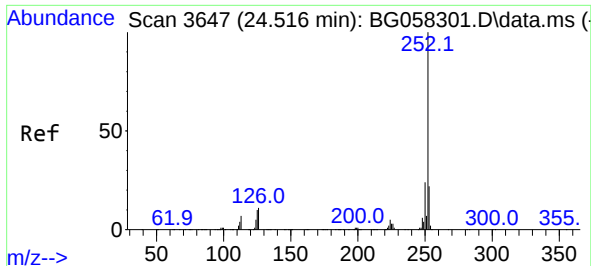
Lab File: BG058308.D

Acq: 18 Jul 2023 19:50

Tgt Ion:252 Resp: 46149

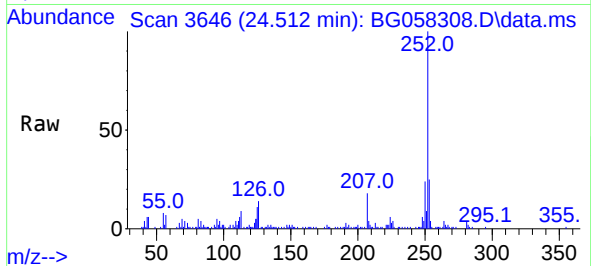
Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.3	27.5
125	11.8	7.4	11.0





#93
Benzo(a)pyrene
Concen: 4.740 ng/ul
RT: 24.512 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

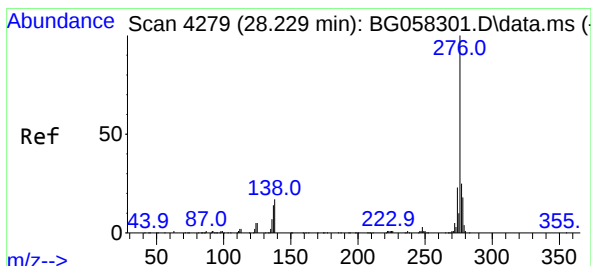
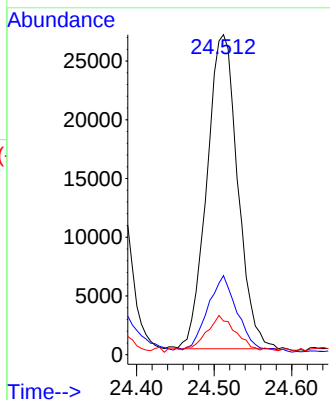
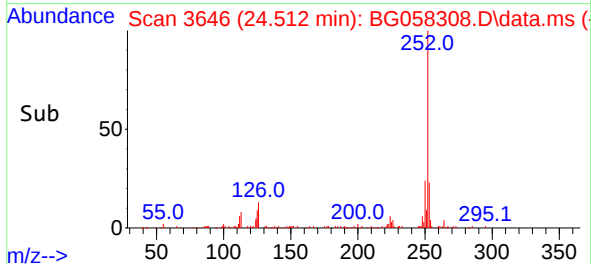
Instrument :
BNA_G
ClientSampleId :
A46R8



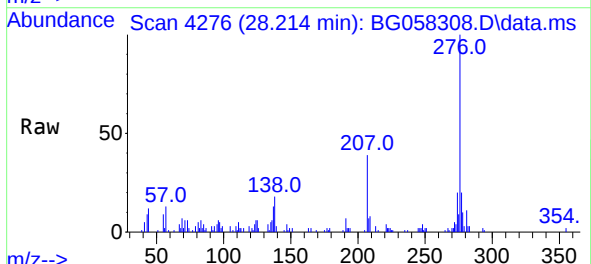
Tgt Ion:252 Resp: 73970
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 10.5 7.7 11.5

Manual Integrations
APPROVED

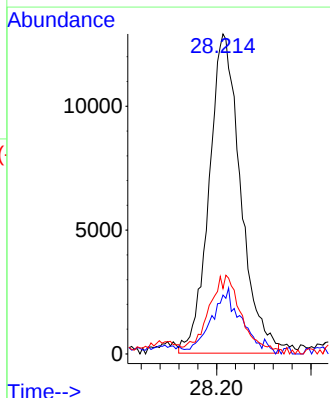
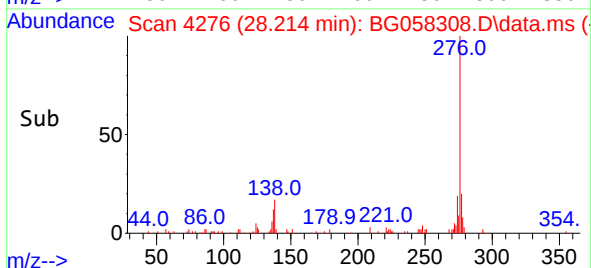
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

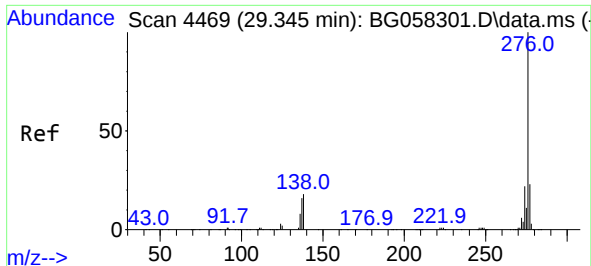


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.907 ng/ul m
RT: 28.214 min Scan# 4276
Delta R.T. -0.014 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50



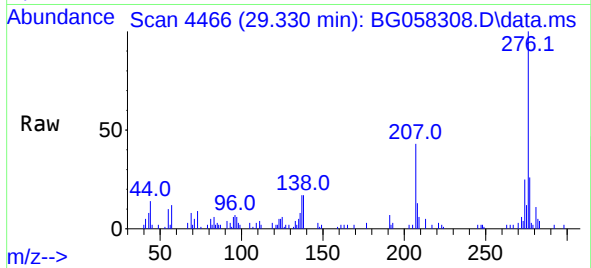
Tgt Ion:276 Resp: 59771
Ion Ratio Lower Upper
276 100
138 18.4 13.8 20.6
277 20.5 19.2 28.8





#96
Benzo(g,h,i)perylene
Concen: 3.382 ng/ul m
RT: 29.330 min Scan# 4466
Delta R.T. -0.020 min
Lab File: BG058308.D
Acq: 18 Jul 2023 19:50

Instrument :
BNA_G
ClientSampleId :
A46R8



Tgt Ion:276 Resp: 5666
Ion Ratio Lower Upper
276 100
138 17.0 13.5 20.3
277 26.4 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

