

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058348.D
 Acq On : 20 Jul 2023 5:51
 Operator : CG/JU
 Sample : 03452-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46P4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 06:57:45 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	7.894	152	43436	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	210956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	153098	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	359095	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	289102	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	354621	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2801	2.373	ng/uL	0.00
4) Pyridine-d5	3.752	84	12863	3.672	ng/u1	0.00
7) Phenol-d5	7.060	99	64621	15.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	38865	15.091	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	45933	15.925	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	27537	8.761	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	23874	15.098	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	26439	15.316	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	49096	14.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.843	131	84	0.018	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	175282	14.847	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	189260	15.297	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	21766	12.208	ng/u1	0.00
60) Fluorene-d10	15.526	176	165830	16.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	20653	11.289	ng/u1	0.00
73) Anthracene-d10	17.377	188	205038	13.215	ng/u1	0.00
81) Pyrene-d10	19.662	212	252290	14.775	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	140481	8.196	ng/u1	-0.01
Target Compounds	Qvalue					
6) Benzaldehyde	7.030	77	1925m	1.157	ng/u1	
8) Phenol	7.089	94	5241	1.225	ng/u1#	92
16) Acetophenone	8.716	105	33880	6.330	ng/u1	95
30) Naphthalene	10.744	128	11698	1.037	ng/u1	97
72) Phenanthrene	17.318	178	132364	7.756	ng/u1	100
74) Anthracene	17.406	178	17449	1.019	ng/u1	97
80) Fluoranthene	19.333	202	183741	9.393	ng/u1	99
82) Pyrene	19.692	202	110427	5.571	ng/u1	98
83) Butylbenzylphthalate	20.579	149	12352	1.583	ng/u1	95
85) Benzo(a)anthracene	21.507	228	69079	3.555	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	96269	8.672	ng/u1	99
87) Chrysene	21.572	228	72640	3.941	ng/u1	97
90) Benzo(b)fluoranthene	23.658	252	80932	3.944	ng/u1#	97
91) Benzo(k)fluoranthene	23.722	252	39333m	1.922	ng/u1	
93) Benzo(a)pyrene	24.510	252	23515	1.289	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.217	276	26728	1.112	ng/u1	96

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

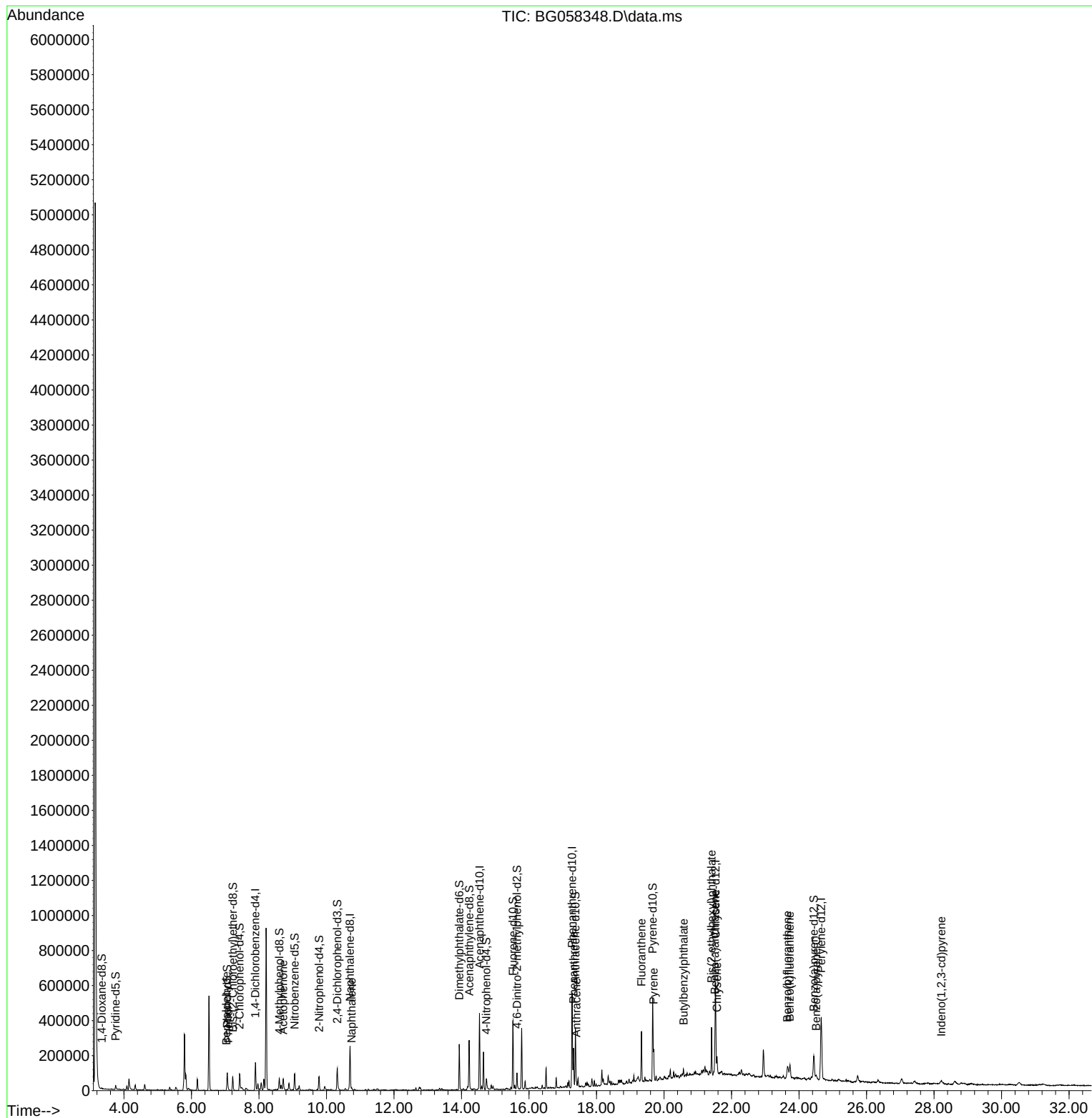
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058348.D
Acq On : 20 Jul 2023 5:51
Operator : CG/JU
Sample : 03452-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

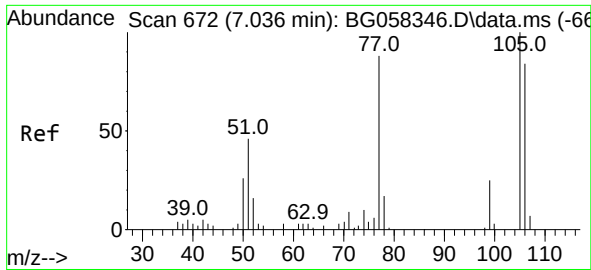
Instrument :
BNA_G
ClientSampleId :
A46P4

Quant Time: Jul 20 06:57:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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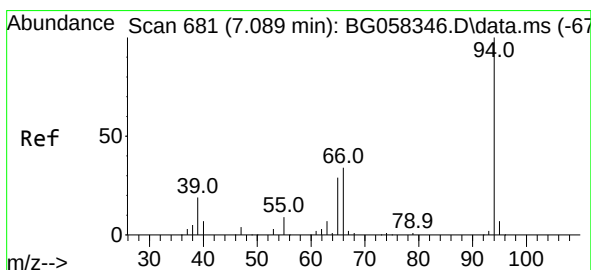
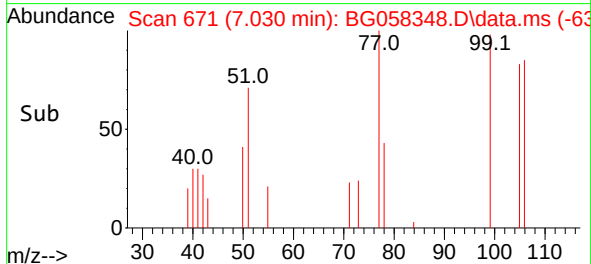
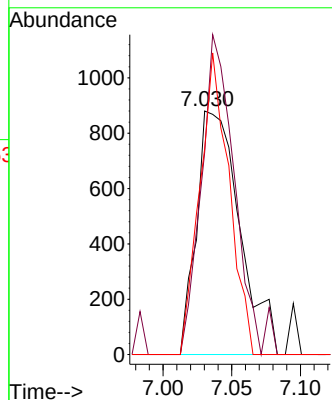
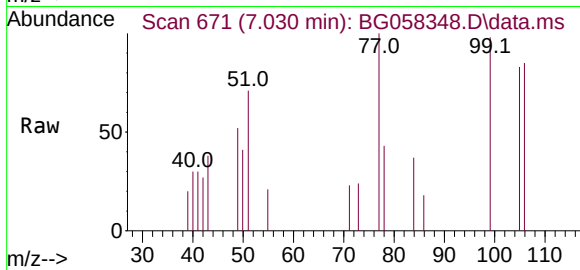
#6
Benzaldehyde
Concen: 1.157 ng/ul m
RT: 7.030 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

Instrument :
BNA_G
ClientSampleId :
A46P4

Tgt Ion: 77 Resp: 192
Ion Ratio Lower Upper
77 100
105 83.1 78.2 117.4
106 84.5 71.6 107.4

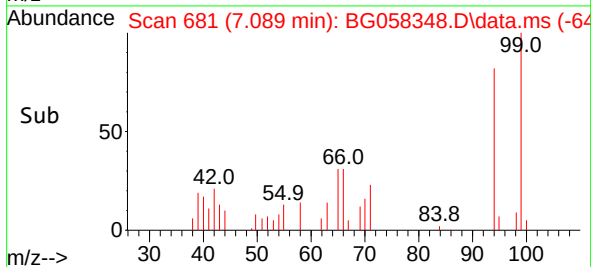
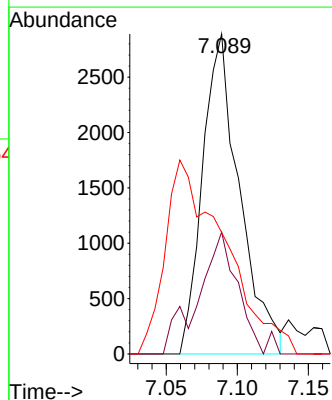
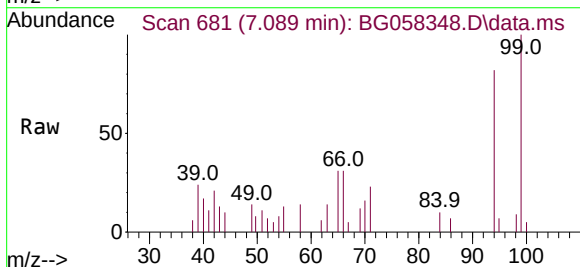
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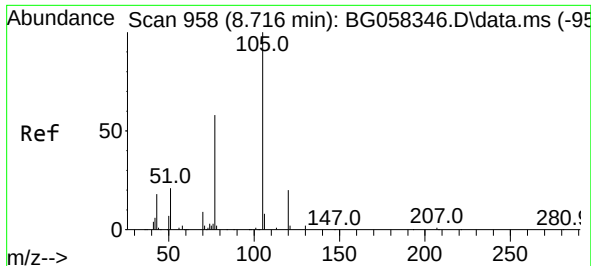
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#8
Phenol
Concen: 1.225 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

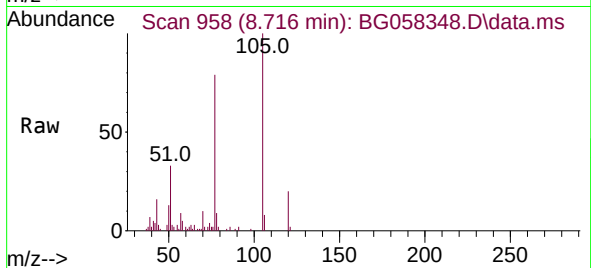
Tgt Ion: 94 Resp: 5241
Ion Ratio Lower Upper
94 100
65 38.1 23.8 35.8#
66 38.0 31.2 46.8





#16
Acetophenone
Concen: 6.330 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

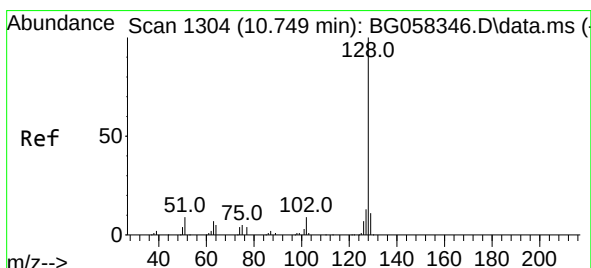
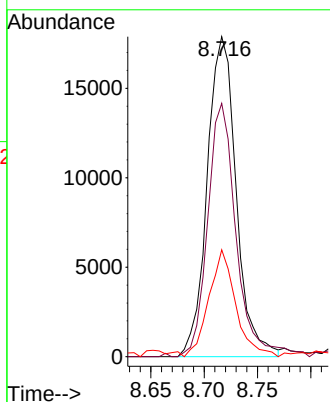
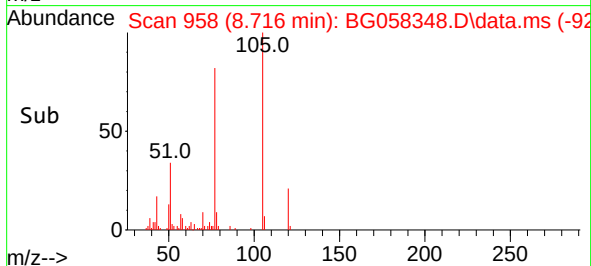
Instrument :
BNA_G
ClientSampleId :
A46P4



Tgt Ion:105 Resp: 3388
Ion Ratio Lower Upper
105 100
77 79.2 60.7 91.1
51 33.4 23.5 35.3

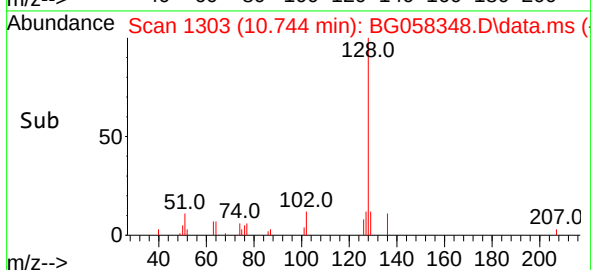
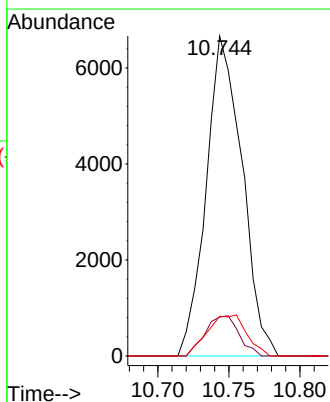
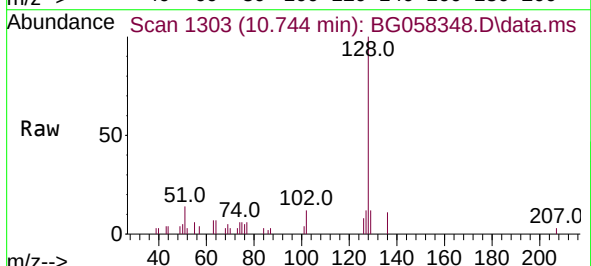
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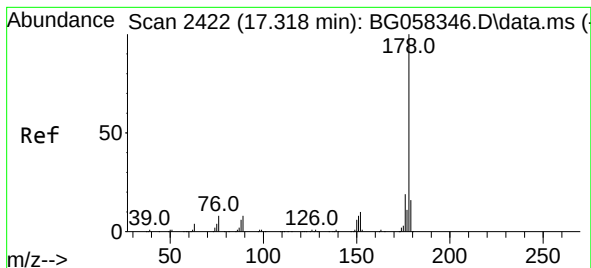
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#30
Naphthalene
Concen: 1.037 ng/ul
RT: 10.744 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

Tgt Ion:128 Resp: 11698
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 12.4 10.8 16.2





#72

Phenanthrene

Concen: 7.756 ng/ul

RT: 17.318 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG058348.D

Acq: 20 Jul 2023 5:51

Instrument :

BNA_G

ClientSampleId :

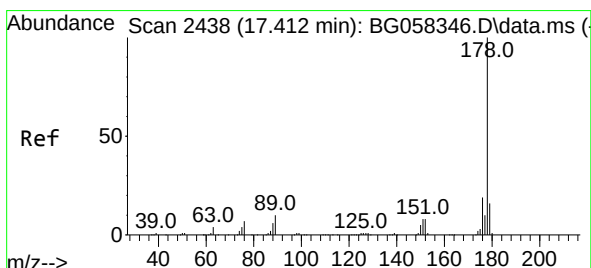
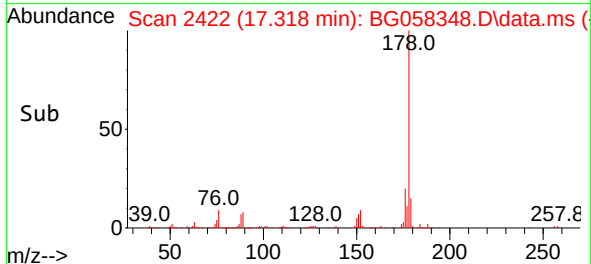
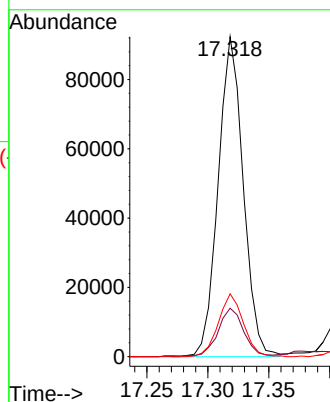
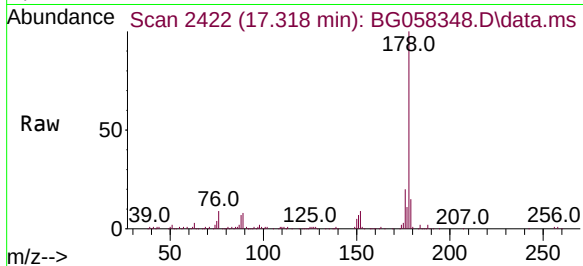
A46P4

Tgt Ion:	178	Resp:	132364
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.9	17.9
176	19.6	15.8	23.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#74

Anthracene

Concen: 1.019 ng/ul

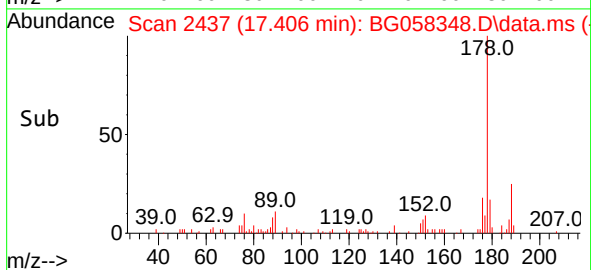
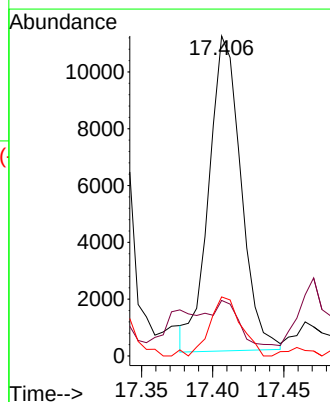
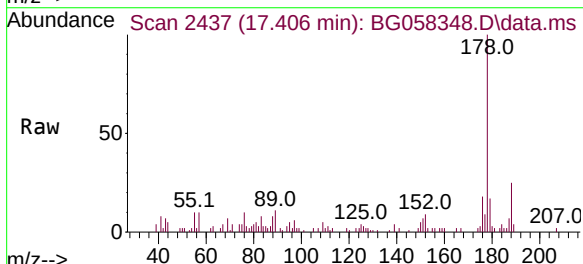
RT: 17.406 min Scan# 2437

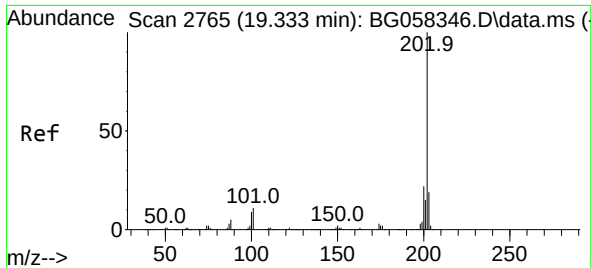
Delta R.T. -0.011 min

Lab File: BG058348.D

Acq: 20 Jul 2023 5:51

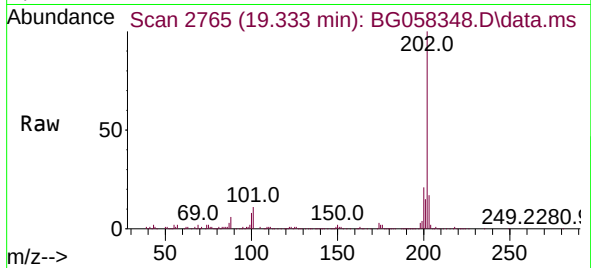
Tgt Ion:	178	Resp:	17449
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.4	20.2
176	18.5	16.2	24.2





#80
Fluoranthene
Concen: 9.393 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

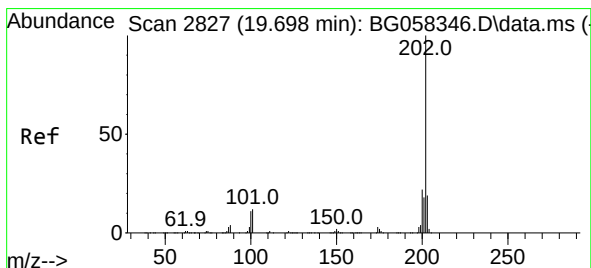
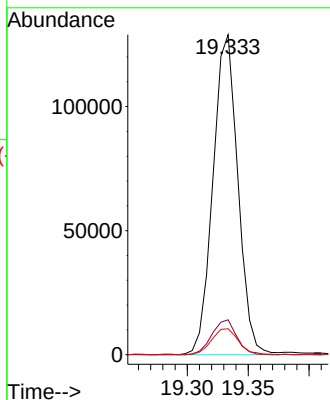
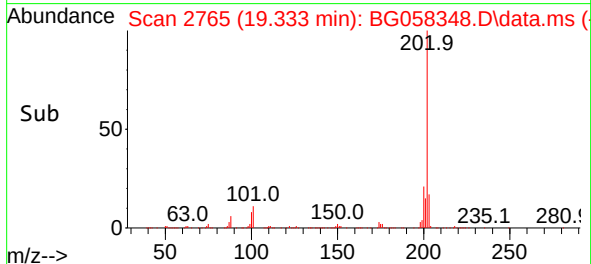
Instrument :
BNA_G
ClientSampleId :
A46P4



Tgt Ion:202 Resp: 18374
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.1 7.2 10.8

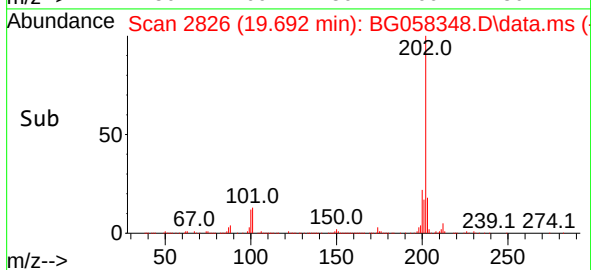
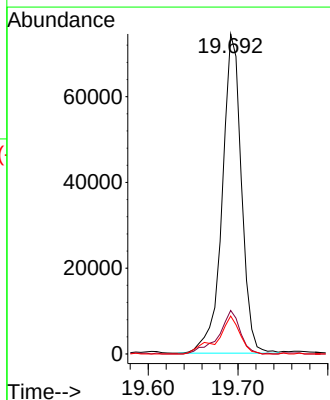
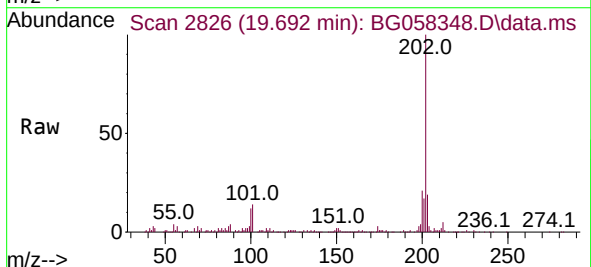
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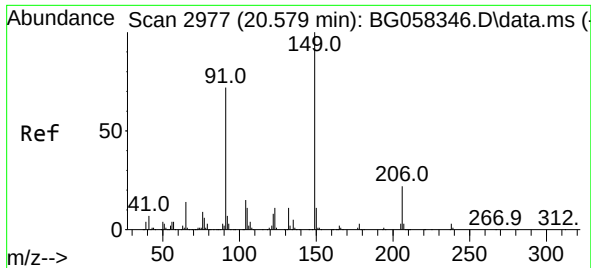
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#82
Pyrene
Concen: 5.571 ng/u1
RT: 19.692 min Scan# 2826
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

Tgt Ion:202 Resp: 110427
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.2
100 11.8 8.9 13.3





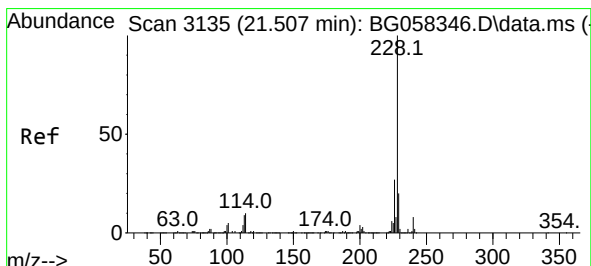
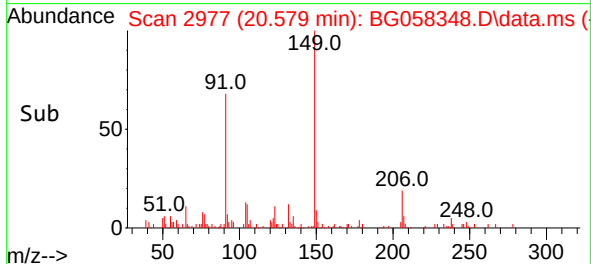
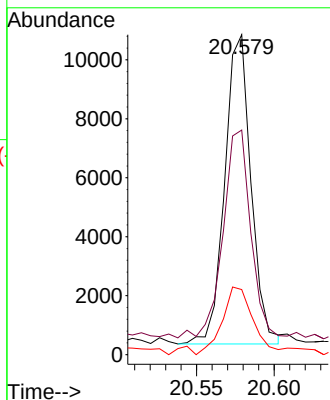
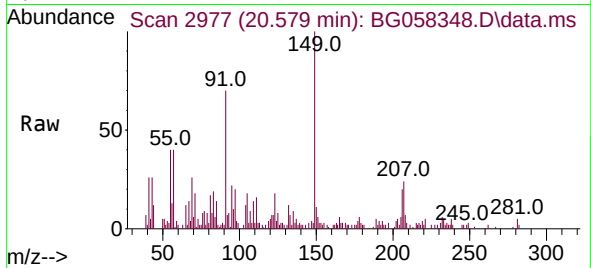
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Butylbenzylphthalate
Concen: 1.583 ng/ul
RT: 20.579 min Scan# 2977
Delta R.T. 0.001 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

Instrument :
BNA_G
ClientSampleId :
A46P4

Tgt Ion:	149	Resp:	1235
Ion Ratio	Lower	Upper	
149	100		
91	70.2	59.9	89.9
206	20.3	16.9	25.3

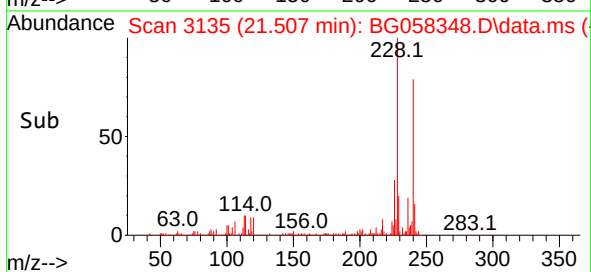
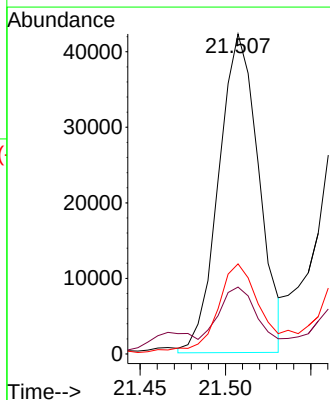
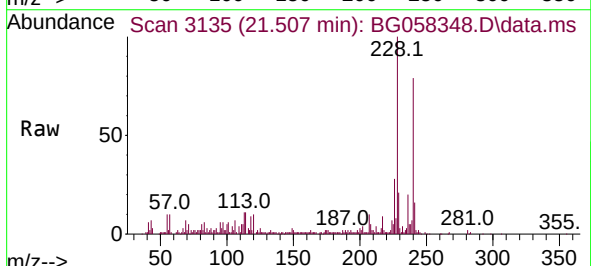
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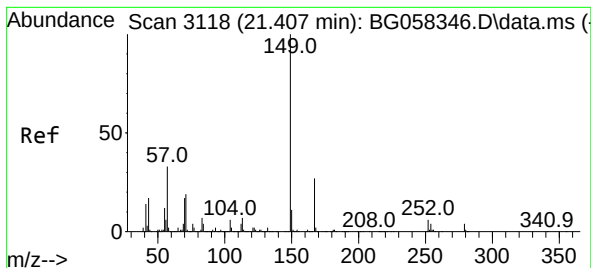
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#85
Benzo(a)anthracene
Concen: 3.555 ng/ul
RT: 21.507 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

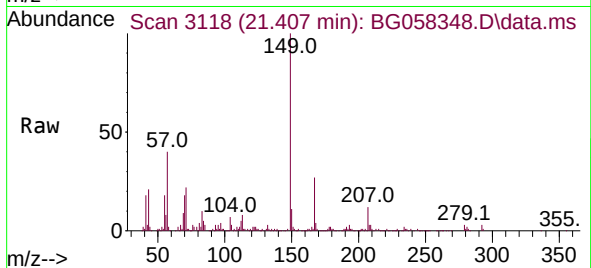
Tgt Ion:	228	Resp:	69079
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	28.2	21.8	32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.672 ng/ul
RT: 21.407 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

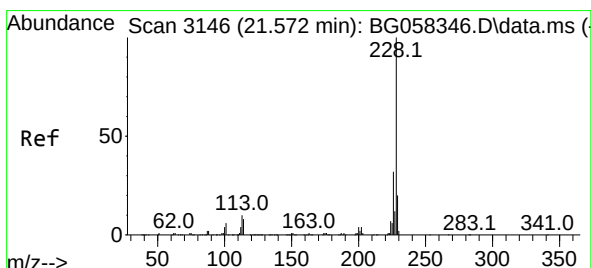
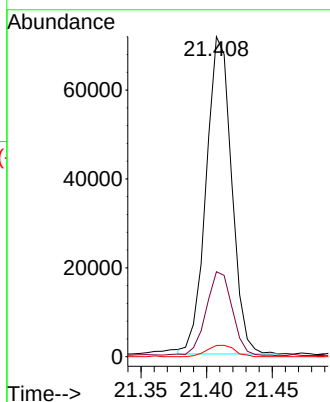
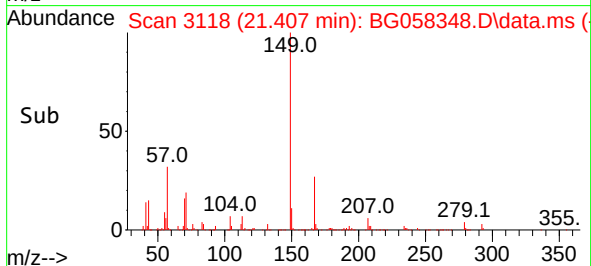
Instrument :
BNA_G
ClientSampleId :
A46P4



Tgt Ion:149 Resp: 96269
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 3.5 3.0 4.4

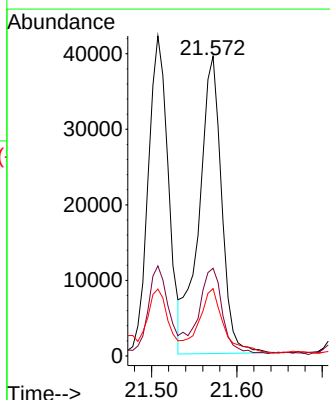
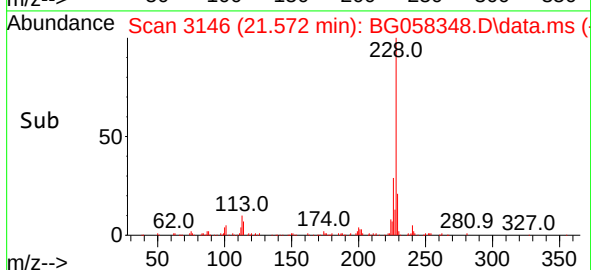
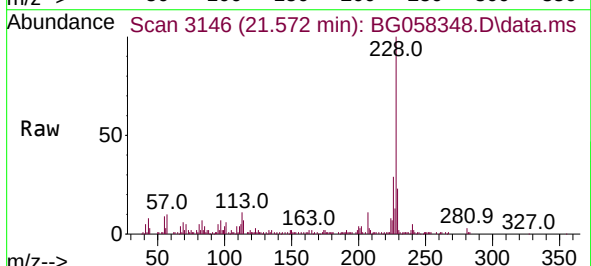
Manual Integrations
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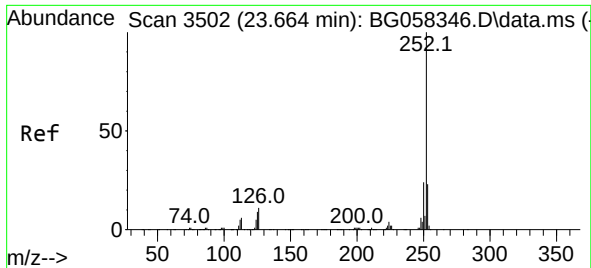
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#87
Chrysene
Concen: 3.941 ng/ul
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

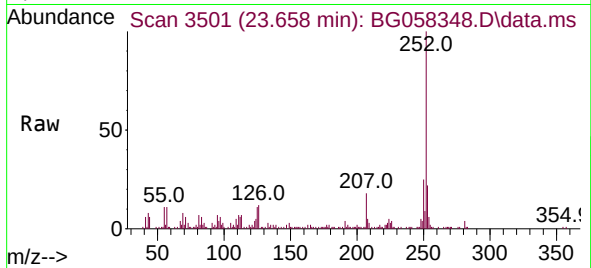
Tgt Ion:228 Resp: 72640
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 22.5 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 3.944 ng/ul
RT: 23.658 min Scan# 3501
Delta R.T. -0.011 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

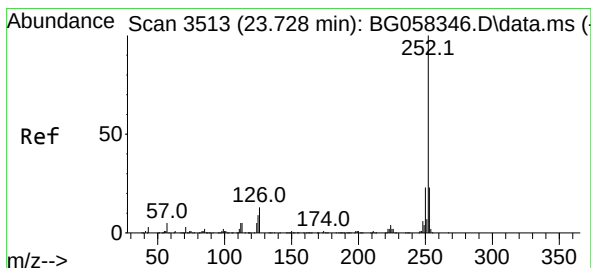
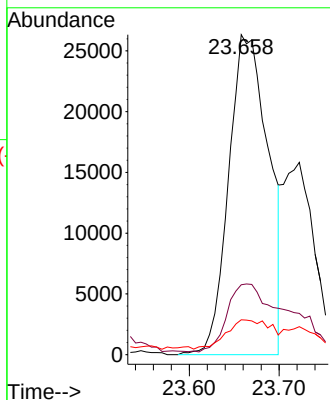
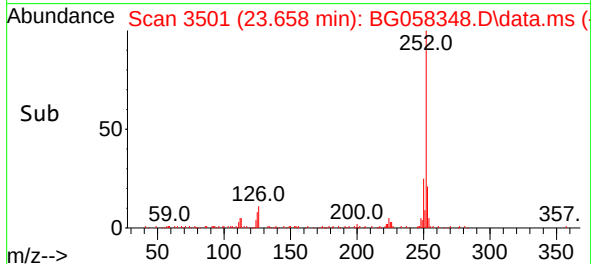
Instrument :
BNA_G
ClientSampleId :
A46P4



Tgt Ion:252 Resp: 8093
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.9 6.7 10.1

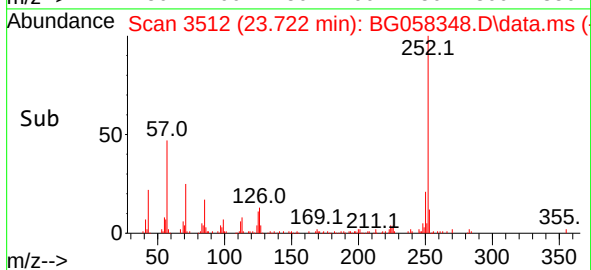
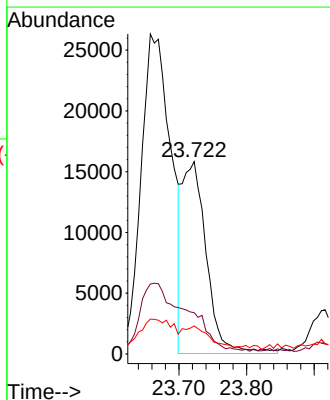
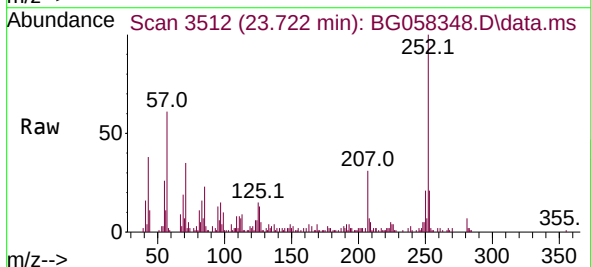
Manual Integrations
APPROVED

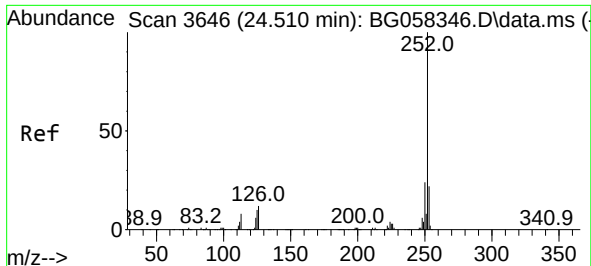
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#91
Benzo(k)fluoranthene
Concen: 1.922 ng/ul m
RT: 23.722 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

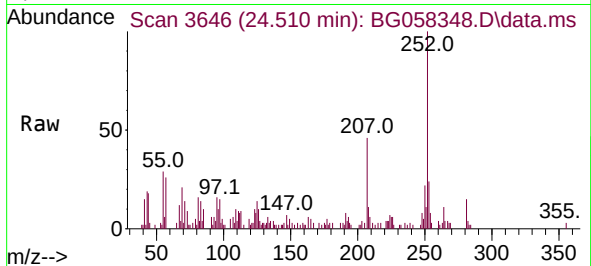
Tgt Ion:252 Resp: 39333
Ion Ratio Lower Upper
252 100
253 21.5 18.3 27.5
125 14.6 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.289 ng/ul
RT: 24.510 min Scan# 3646
Delta R.T. -0.011 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51

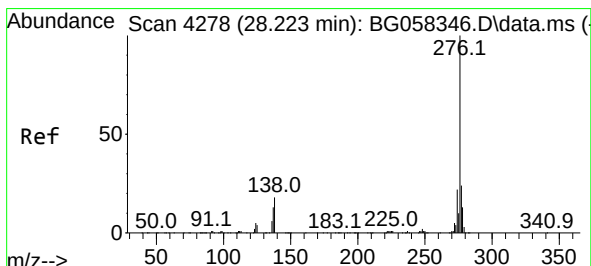
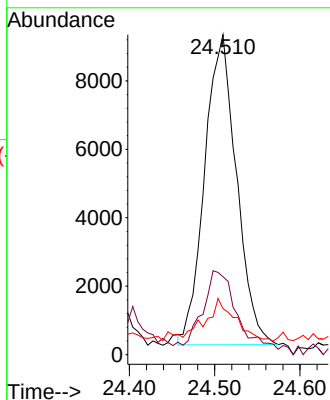
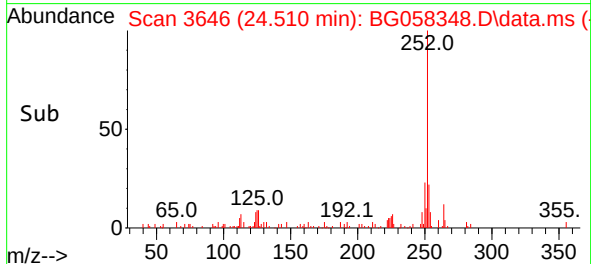
Instrument :
BNA_G
ClientSampleId :
A46P4



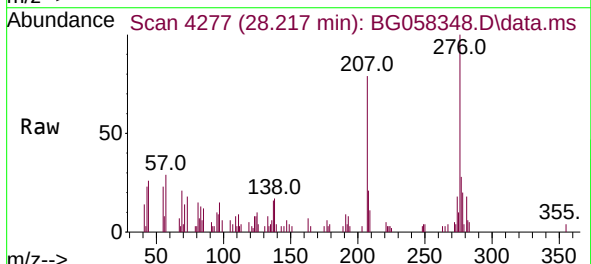
Tgt Ion:252 Resp: 2351
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 14.4 7.7 11.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.112 ng/ul
RT: 28.217 min Scan# 4277
Delta R.T. -0.011 min
Lab File: BG058348.D
Acq: 20 Jul 2023 5:51



Tgt Ion:276 Resp: 26728
Ion Ratio Lower Upper
276 100
138 17.2 13.8 20.6
277 27.7 19.2 28.8

