

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058366.D
 Acq On : 20 Jul 2023 19:42
 Operator : CG/JU
 Sample : 03501-12DL 2X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 23:35:35 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	52813	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	244257	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	179259	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	422943	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	340644	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	391715	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1868	1.302	ng/uL	0.00
4) Pyridine-d5	3.748	84	26103	6.129	ng/u1	0.00
7) Phenol-d5	7.062	99	27930	5.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	28601	9.134	ng/u1	0.00
11) 2-Chlorophenol-d4	7.426	132	24499	6.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.613	113	1473m	0.385	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	16492	9.008	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	19153	9.582	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	18257	4.765	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.936	166	126270	9.135	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	127288	8.787	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	13491m	6.462	ng/u1	0.00
60) Fluorene-d10	15.523	176	122309	10.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	13202	6.127	ng/u1	0.00
73) Anthracene-d10	17.373	188	95853	5.245	ng/u1	0.00
81) Pyrene-d10	19.665	212	116615	5.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.442	264	35324	1.866	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.594	153	11739	1.081	ng/u1	95
61) Fluorene	15.581	166	15958	1.259	ng/u1	92
72) Phenanthrene	17.321	178	158748	7.898	ng/u1	99
78) Di-n-butylphthalate	18.237	149	1155189	51.975	ng/u1	98
80) Fluoranthene	19.330	202	158189	6.863	ng/u1	98
82) Pyrene	19.694	202	83000	3.554	ng/u1	99
85) Benzo(a)anthracene	21.510	228	60938	2.661	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	29149	2.228	ng/u1	100
87) Chrysene	21.569	228	63427m	2.921	ng/u1	
90) Benzo(b)fluoranthene	23.666	252	64782	2.858	ng/u1	98
91) Benzo(k)fluoranthene	23.719	252	25535m	1.130	ng/u1	

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

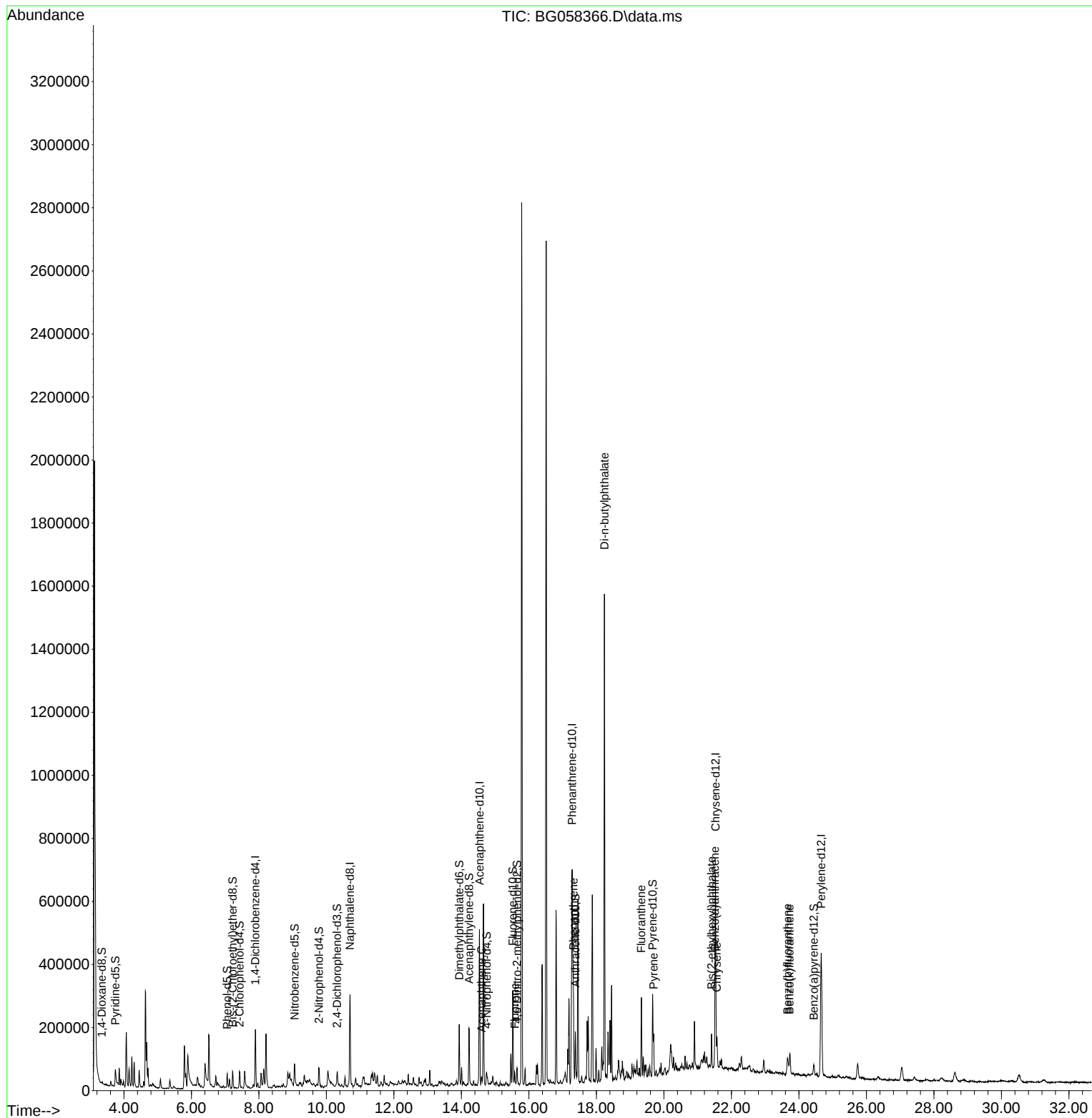
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058366.D
Acq On : 20 Jul 2023 19:42
Operator : CG/JU
Sample : 03501-12DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

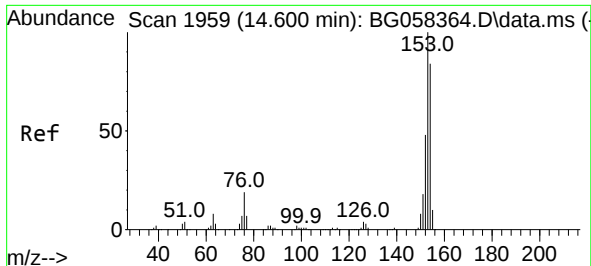
Instrument :
BNA_G
ClientSampleId :
A46X7DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

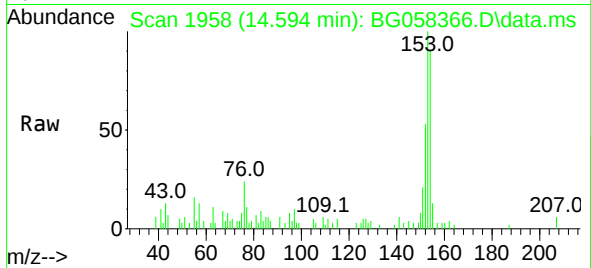
Quant Time: Jul 20 23:35:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.081 ng/ul
RT: 14.594 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

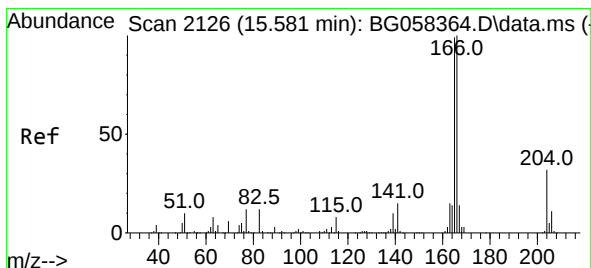
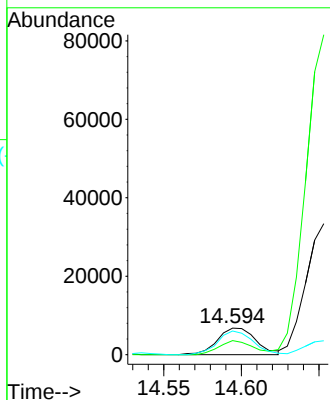
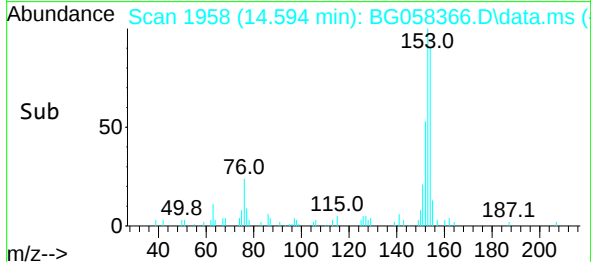
Instrument :
BNA_G
ClientSampleId :
A46X7DL



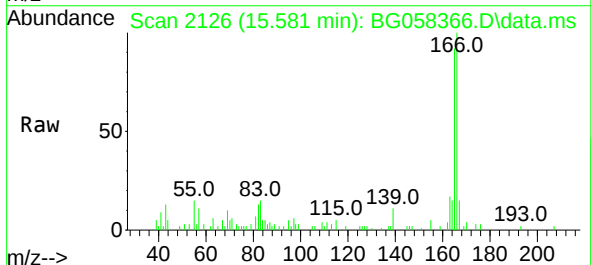
Tgt Ion:153 Resp: 11739
Ion Ratio Lower Upper
153 100
152 52.9 39.1 58.7
154 89.6 68.7 103.1

Manual Integrations
APPROVED

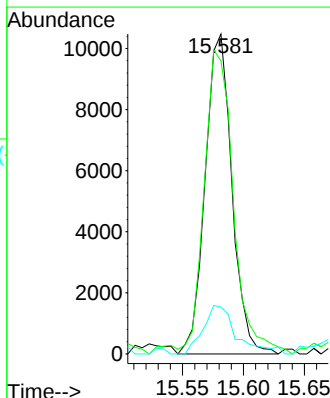
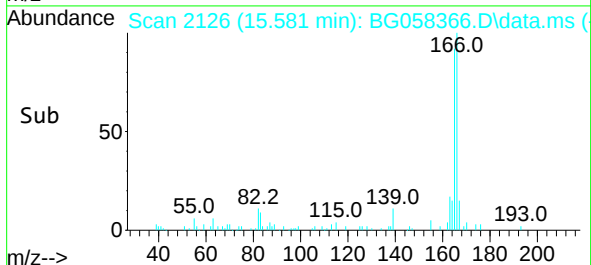
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

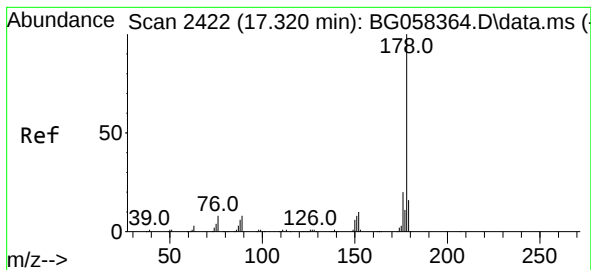


#61
Fluorene
Concen: 1.259 ng/ul
RT: 15.581 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42



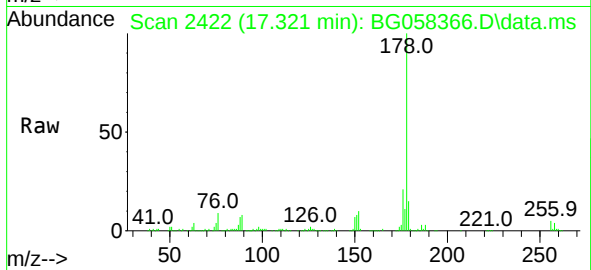
Tgt Ion:166 Resp: 15958
Ion Ratio Lower Upper
166 100
165 91.6 80.2 120.2
167 14.7 10.5 15.7





#72
Phenanthrene
Concen: 7.898 ng/ul
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

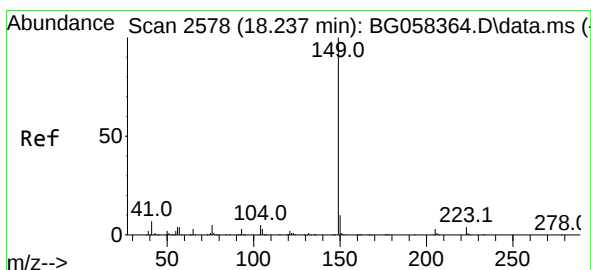
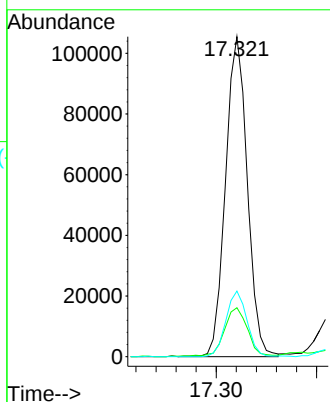
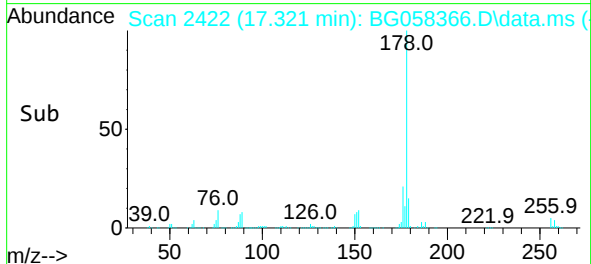
Instrument :
BNA_G
ClientSampleId :
A46X7DL



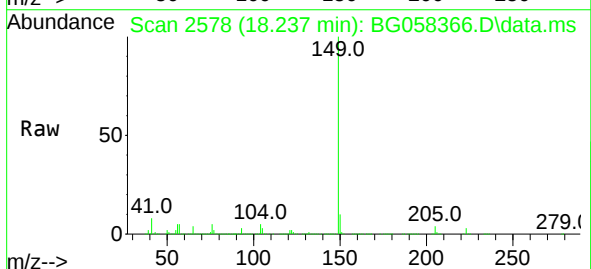
Tgt Ion:178 Resp: 158748
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 20.5 15.8 23.8

Manual Integrations
APPROVED

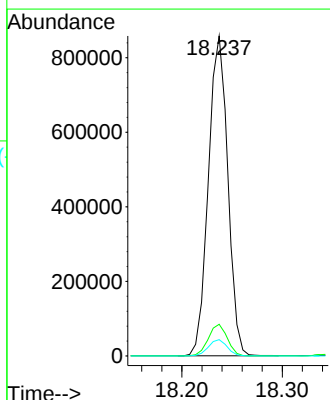
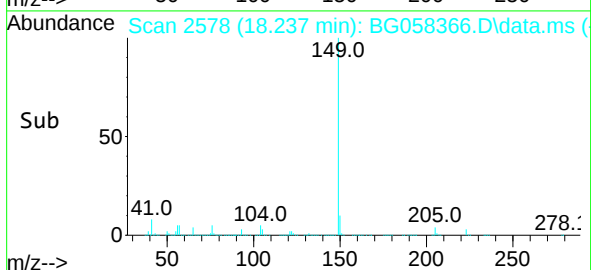
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

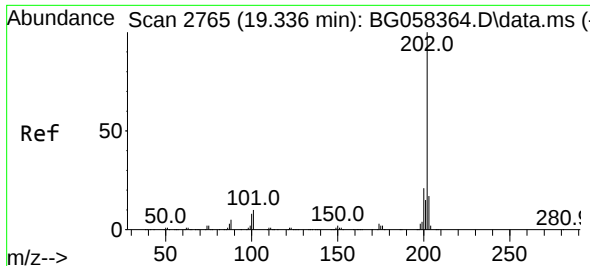


#78
Di-n-butylphthalate
Concen: 51.975 ng/ul
RT: 18.237 min Scan# 2578
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42



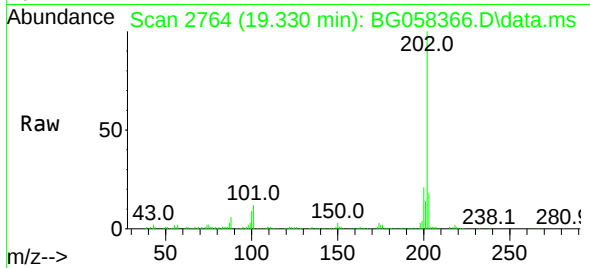
Tgt Ion:149 Resp: 1155189
Ion Ratio Lower Upper
149 100
150 9.9 7.2 10.8
104 5.1 3.9 5.9





#80
Fluoranthene
Concen: 6.863 ng/u1
RT: 19.330 min Scan# 2764
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

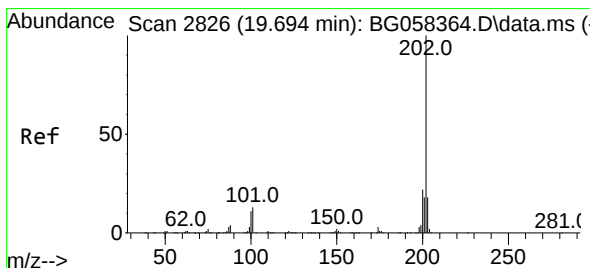
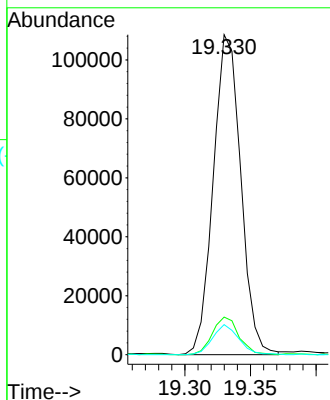
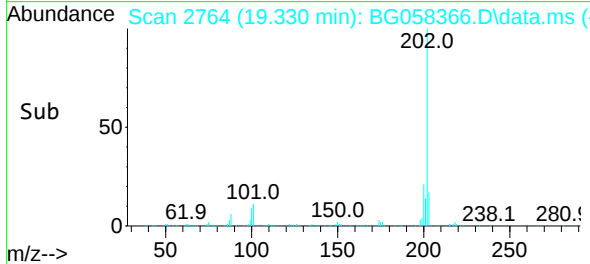
Instrument :
BNA_G
ClientSampleId :
A46X7DL



Tgt Ion:202 Resp: 158189
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
100 9.4 7.2 10.8

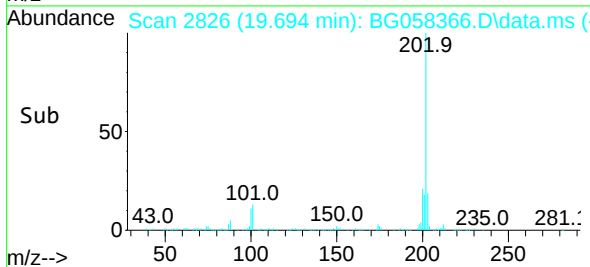
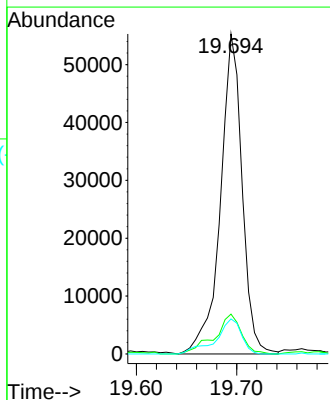
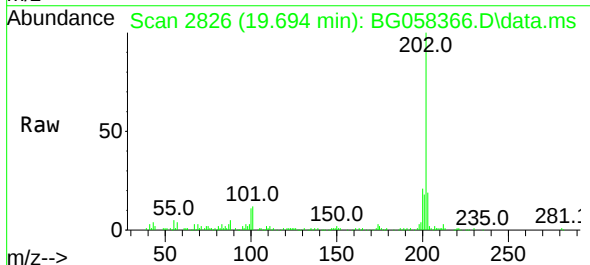
Manual Integrations
APPROVED

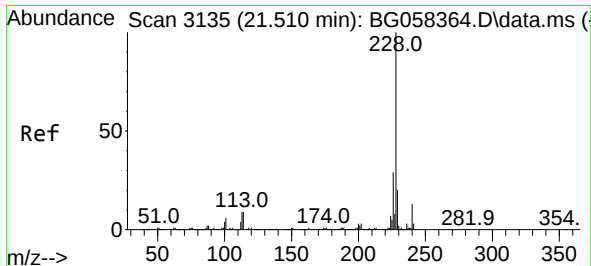
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#82
Pyrene
Concen: 3.554 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

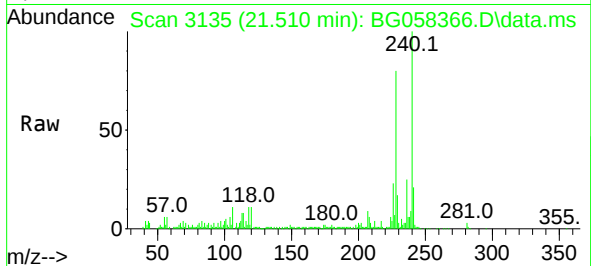
Tgt Ion:202 Resp: 83000
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.2
100 10.9 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.661 ng/ul
RT: 21.510 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

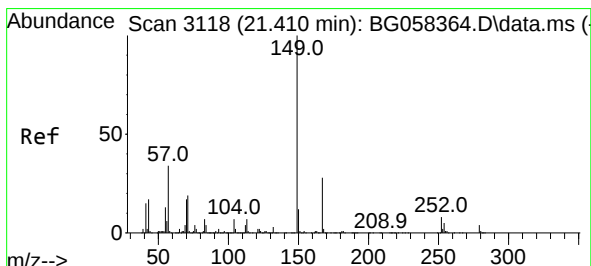
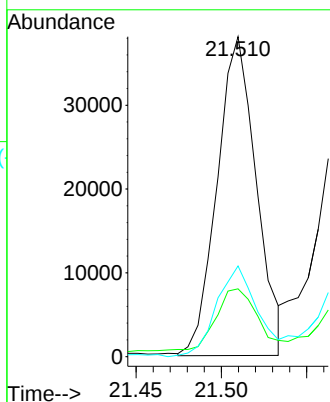
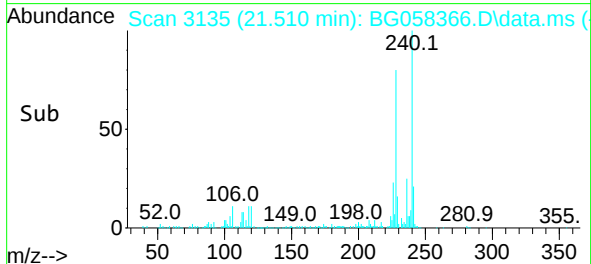
Instrument :
BNA_G
ClientSampleId :
A46X7DL



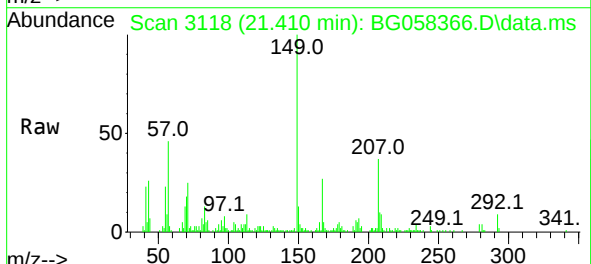
Tgt Ion:228 Resp: 60938
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.3 21.8 32.8

Manual Integrations
APPROVED

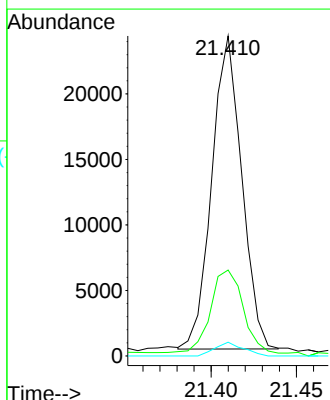
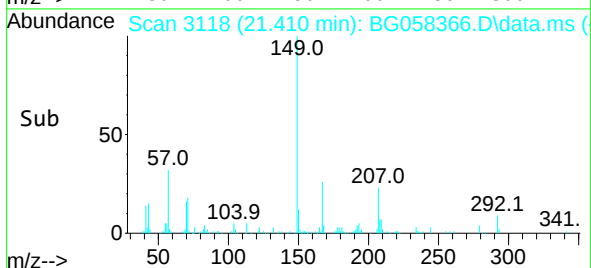
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

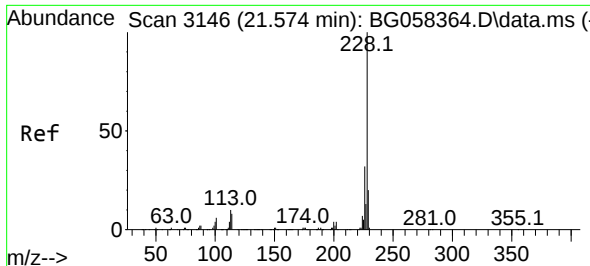


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.228 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42



Tgt Ion:149 Resp: 29149
Ion Ratio Lower Upper
149 100
167 26.8 21.6 32.4
279 4.3 3.0 4.4





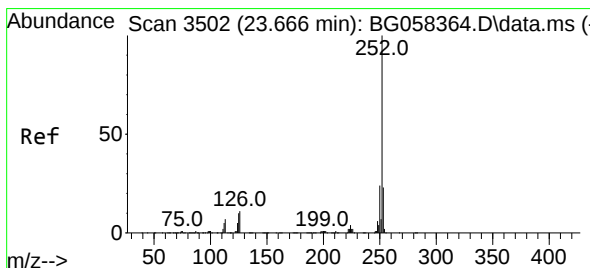
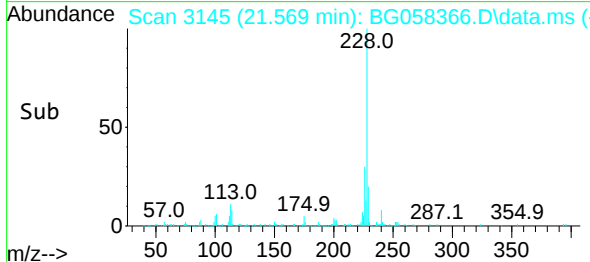
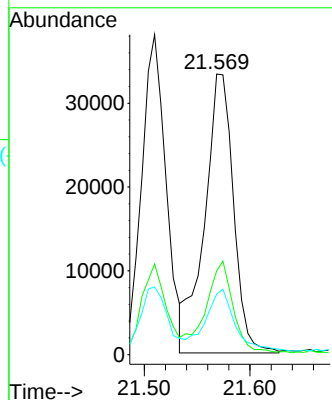
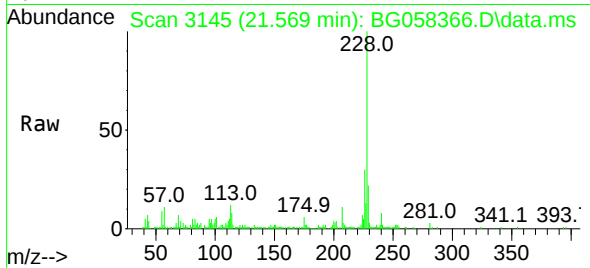
#87
Chrysene
Concen: 2.921 ng/ul m
RT: 21.569 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Instrument :
BNA_G
ClientSampleId :
A46X7DL

Tgt Ion:228 Resp: 6342
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 21.6 15.8 23.8

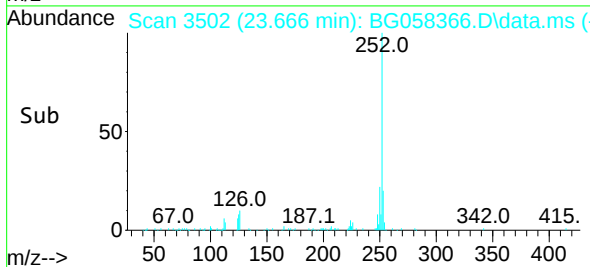
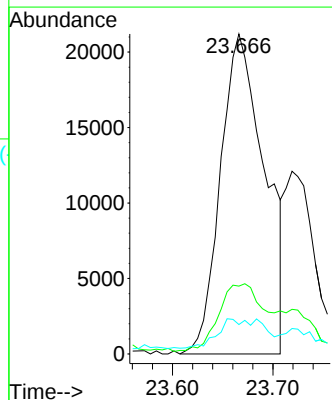
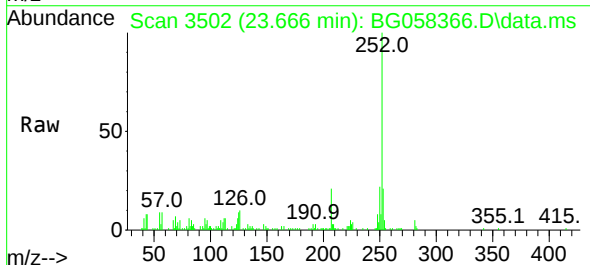
Manual Integrations
APPROVED

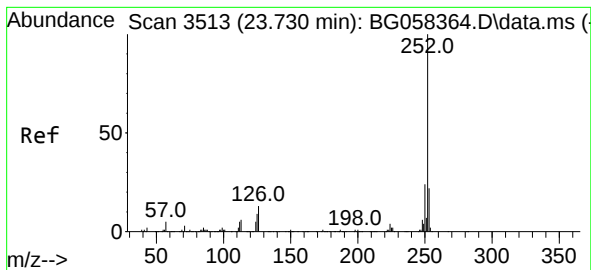
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(b)fluoranthene
Concen: 2.858 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.002 min
Lab File: BG058366.D
Acq: 20 Jul 2023 19:42

Tgt Ion:252 Resp: 64782
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 9.2 6.7 10.1





#91

Benzo(k)fluoranthene

Concen: 1.130 ng/ul m

RT: 23.719 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG058366.D

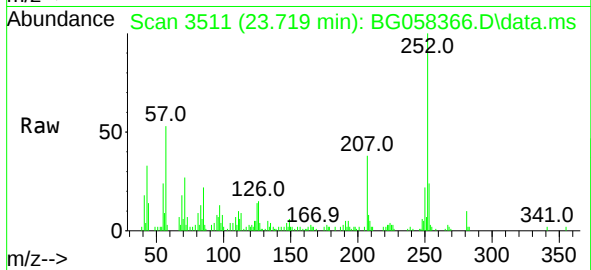
Acq: 20 Jul 2023 19:42

Instrument :

BNA_G

ClientSampleId :

A46X7DL



Tgt Ion:252 Resp: 2553

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

125 13.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023

