

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058369.D
 Acq On : 20 Jul 2023 21:47
 Operator : CG/JU
 Sample : 03472-32
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S7

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 23:58:55 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	47504	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	214785	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	155148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	343316	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	281743	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	344853	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	2048	1.587	ng/uL	0.00
4) Pyridine-d5	3.748	84	25336	6.614	ng/u1	0.00
7) Phenol-d5	7.062	99	44906	9.965	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	33240	11.801	ng/u1	0.00
11) 2-Chlorophenol-d4	7.426	132	35346	11.205	ng/u1	0.00
15) 4-Methylphenol-d8	8.613	113	2655	0.772	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	20347	12.638	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	23795	13.538	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	33644	9.986	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	215	0.044	ng/u1	0.03
46) Dimethylphthalate-d6	13.936	166	151397	12.655	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	154327	12.309	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	15021	8.314	ng/u1	0.00
60) Fluorene-d10	15.523	176	141308	14.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	13211	7.553	ng/u1	0.00
73) Anthracene-d10	17.373	188	144391	9.734	ng/u1	0.00
81) Pyrene-d10	19.665	212	117329	7.051	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.447	264	44418	2.665	ng/u1	0.00
Target Compounds	Qvalue					
10) Bis(2-Chloroethyl)ether	7.315	93	3861	1.077	ng/u1#	83
16) Acetophenone	8.719	105	21711	3.709	ng/u1	98
72) Phenanthrene	17.320	178	142863	8.756	ng/u1	98
74) Anthracene	17.409	178	22168	1.353	ng/u1	98
80) Fluoranthene	19.330	202	239468	12.562	ng/u1	99
82) Pyrene	19.694	202	90958	4.709	ng/u1	99
85) Benzo(a)anthracene	21.510	228	98510	5.202	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	27790	2.569	ng/u1	99
87) Chrysene	21.574	228	101943	5.675	ng/u1	97
90) Benzo(b)fluoranthene	23.666	252	118108	5.919	ng/u1#	95
91) Benzo(k)fluoranthene	23.725	252	46329m	2.328	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.214	276	25063m	1.072	ng/u1	

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

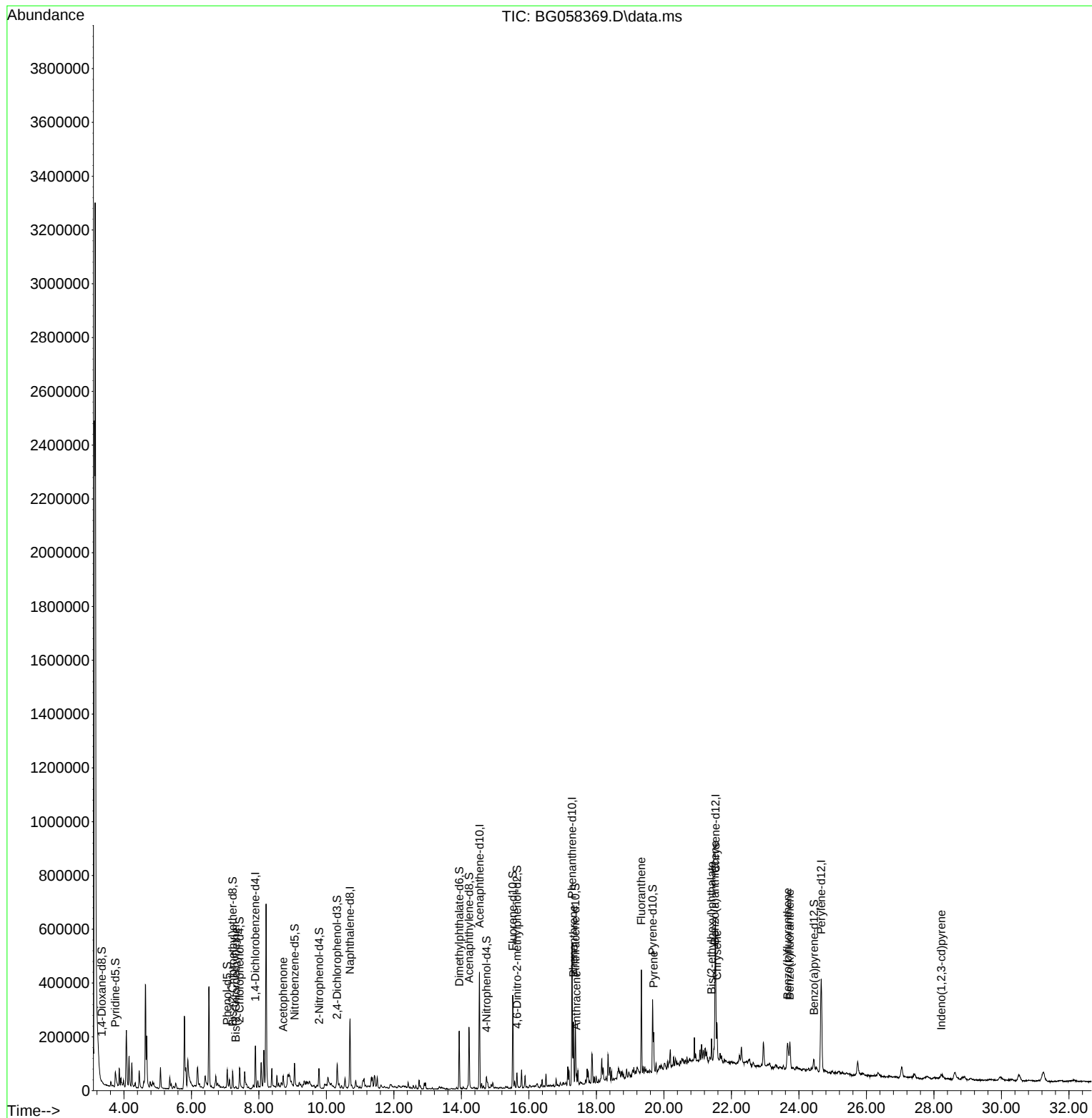
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058369.D
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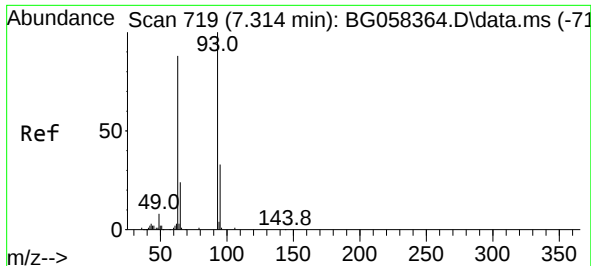
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 20 23:58:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
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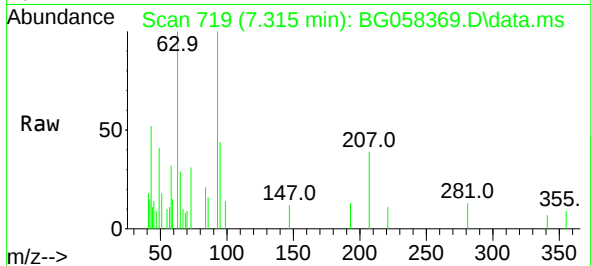
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023





#10
Bis(2-Chloroethyl)ether
Concen: 1.077 ng/ul
RT: 7.315 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

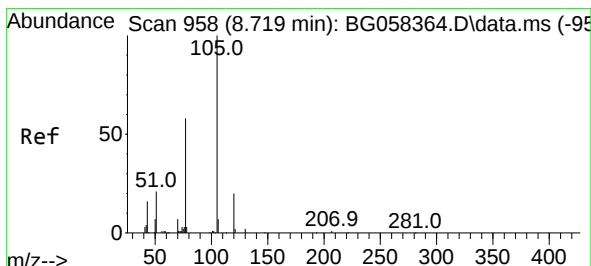
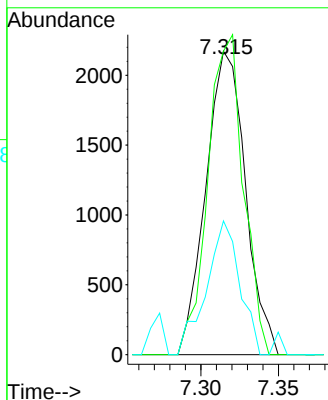
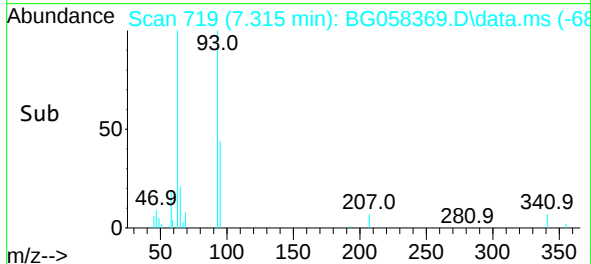
Instrument :
BNA_G
ClientSampleId :
A46S7



Tgt Ion: 93 Resp: 386
Ion Ratio Lower Upper
93 100
63 100.0 67.7 101.5
95 44.0 27.0 40.6

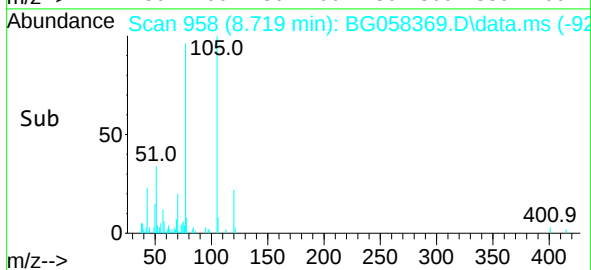
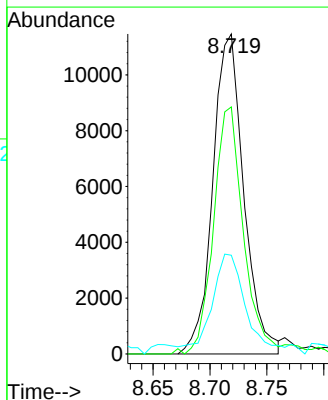
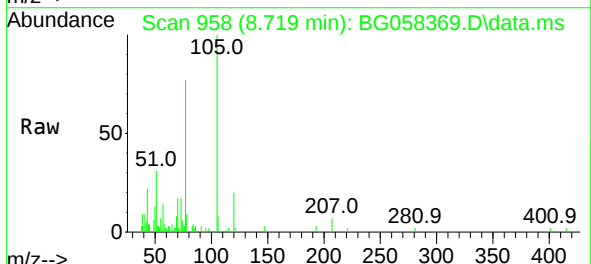
Manual Integrations
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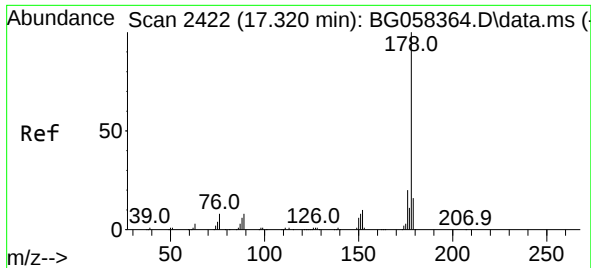
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Acetophenone
Concen: 3.709 ng/ul
RT: 8.719 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

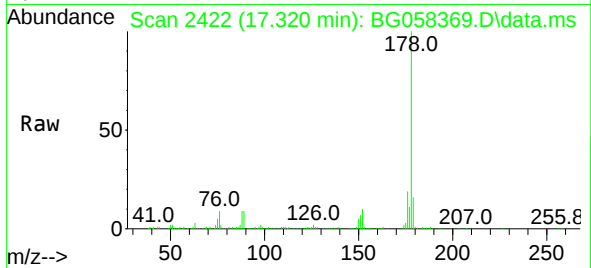
Tgt Ion:105 Resp: 21711
Ion Ratio Lower Upper
105 100
77 77.2 60.7 91.1
51 30.9 23.5 35.3





#72
Phenanthrene
Concen: 8.756 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

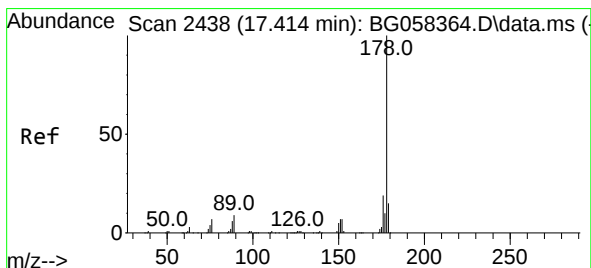
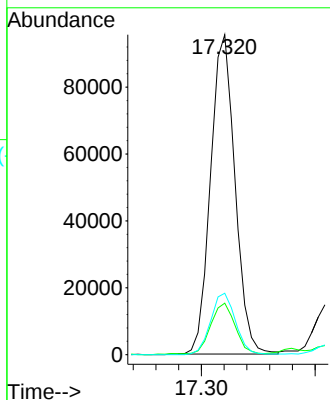
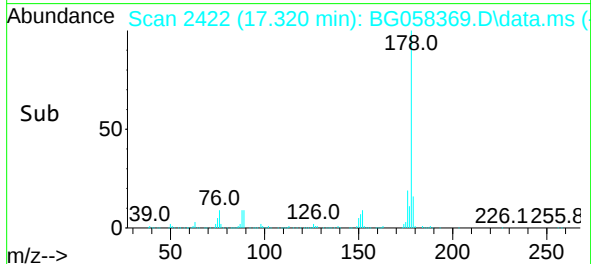
Instrument :
BNA_G
ClientSampleId :
A46S7



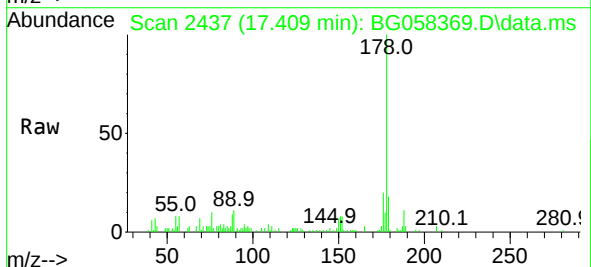
Tgt Ion:178 Resp: 14286
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 19.2 15.8 23.8

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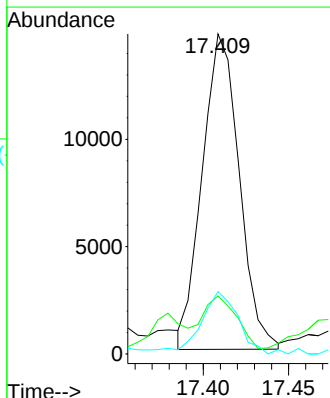
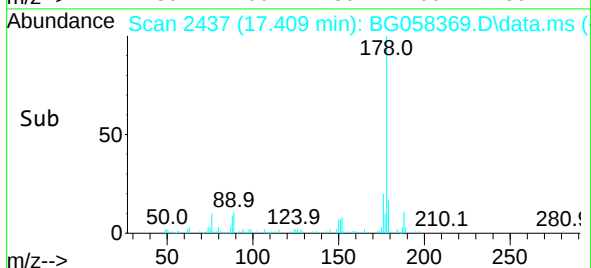
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

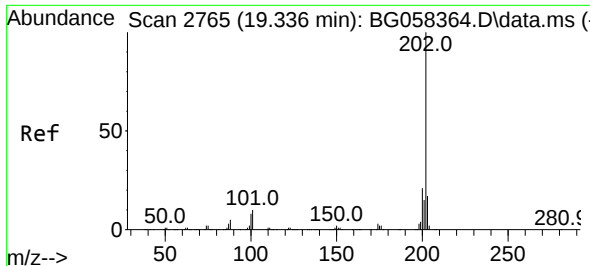


#74
Anthracene
Concen: 1.353 ng/ul
RT: 17.409 min Scan# 2437
Delta R.T. -0.008 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47



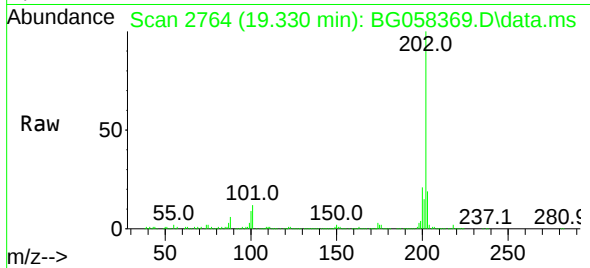
Tgt Ion:178 Resp: 22168
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.2
176 19.5 16.2 24.2





#80
Fluoranthene
Concen: 12.562 ng/u1
RT: 19.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

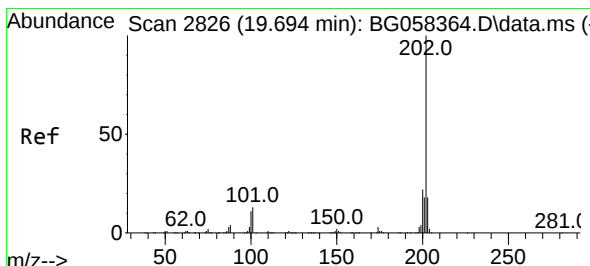
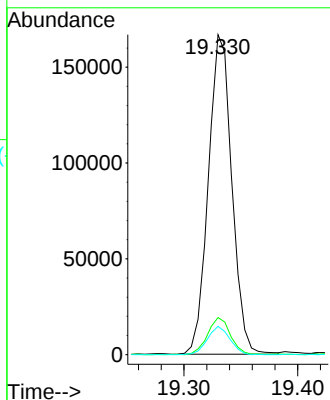
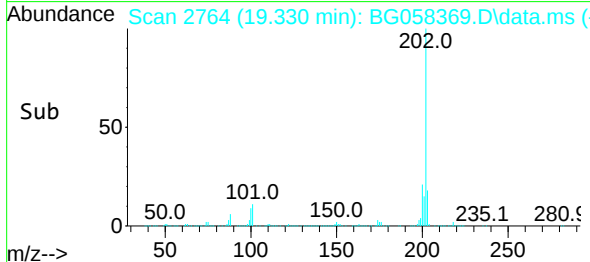
Instrument :
BNA_G
ClientSampleId :
A46S7



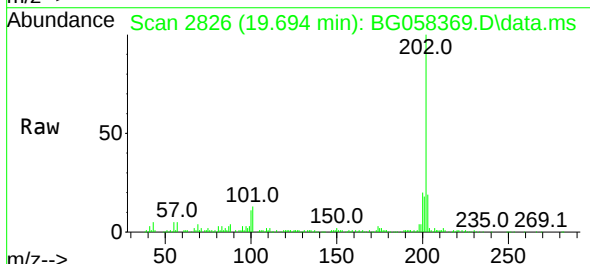
Tgt Ion:202 Resp: 23946
Ion Ratio Lower Upper
202 100
101 11.6 8.6 12.8
100 8.9 7.2 10.8

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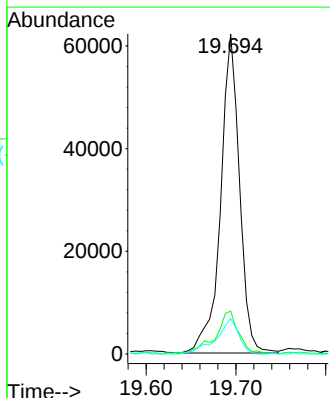
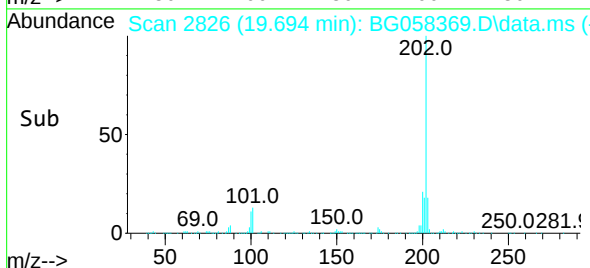
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

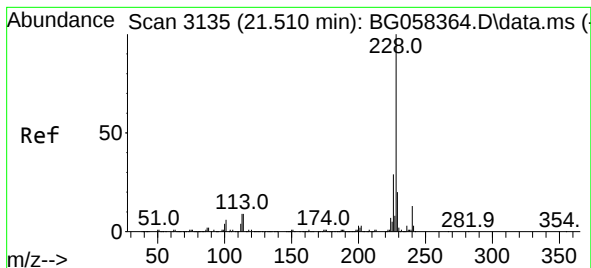


#82
Pyrene
Concen: 4.709 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47



Tgt Ion:202 Resp: 90958
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.2
100 11.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 5.202 ng/ul

RT: 21.510 min Scan# 3135

Delta R.T. -0.003 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

Instrument :

BNA_G

ClientSampleId :

A46S7

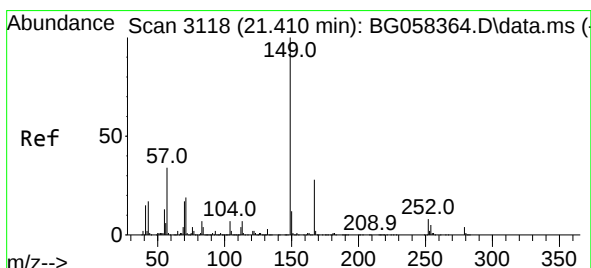
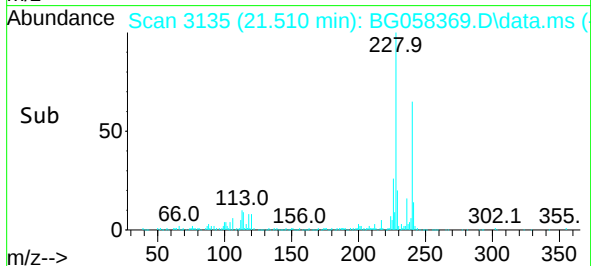
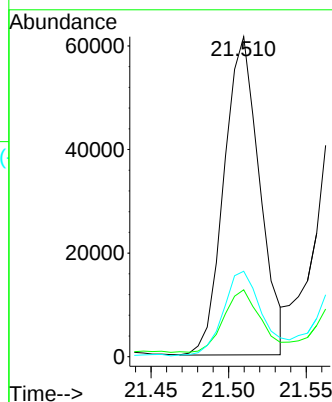
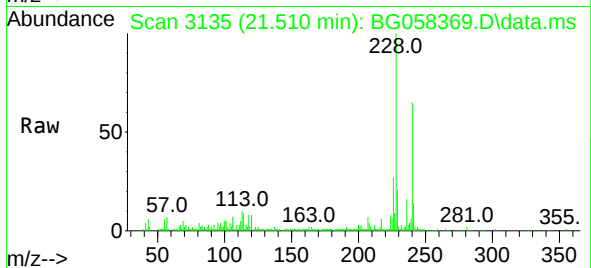
Tgt Ion:	228	Resp:	98510
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	26.7	21.8	32.8

Manual Integrations

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Supervised By :mohammad ahmed 07/21/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.569 ng/ul

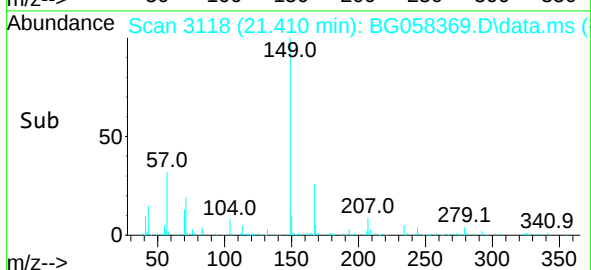
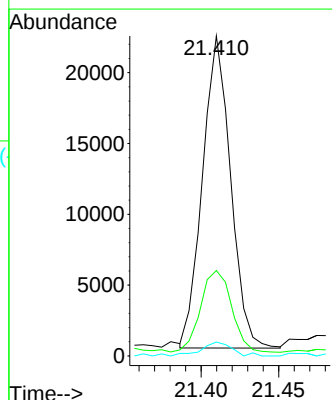
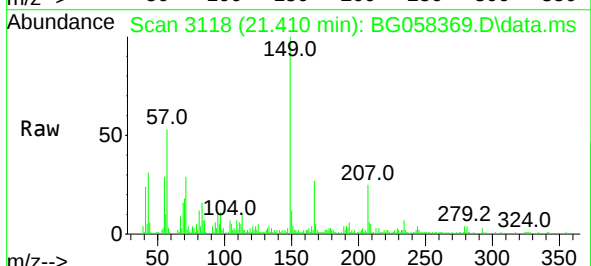
RT: 21.410 min Scan# 3118

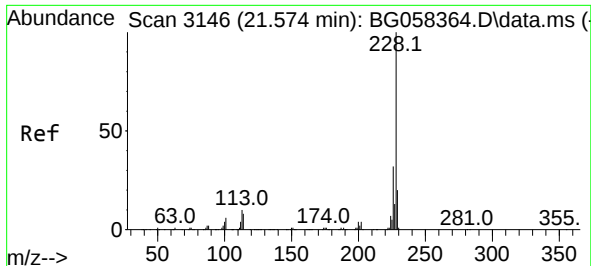
Delta R.T. -0.003 min

Lab File: BG058369.D

Acq: 20 Jul 2023 21:47

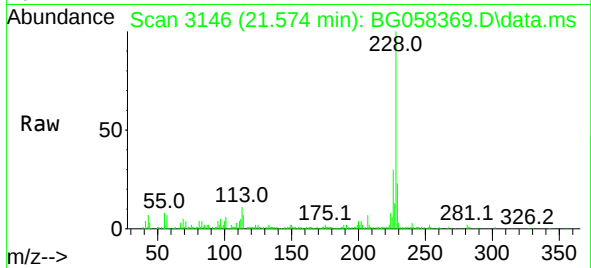
Tgt Ion:	149	Resp:	27790
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.6	32.4
279	4.3	3.0	4.4





#87
Chrysene
Concen: 5.675 ng/ul
RT: 21.574 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

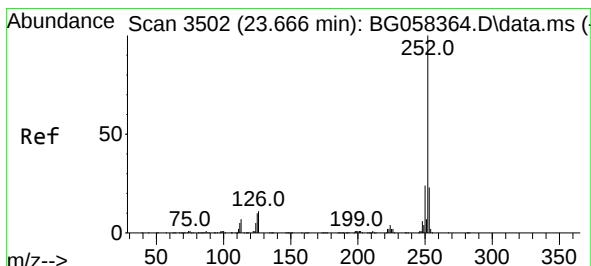
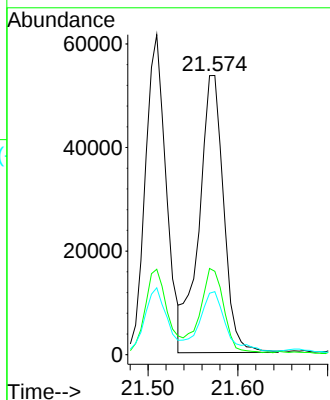
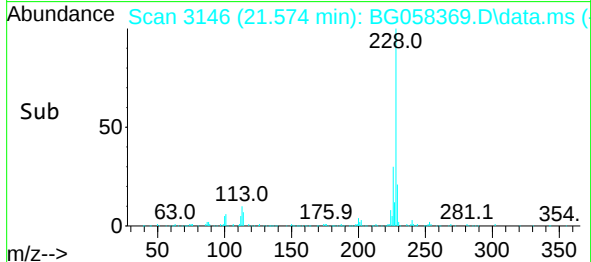
Instrument :
BNA_G
ClientSampleId :
A46S7



Tgt Ion:228 Resp: 10194
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 22.6 15.8 23.8

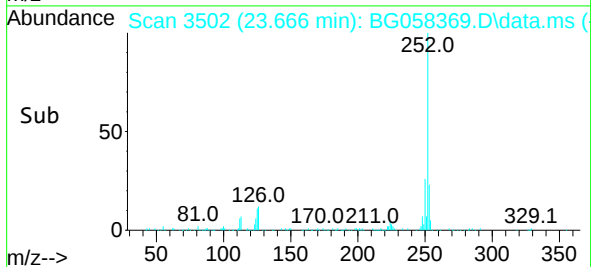
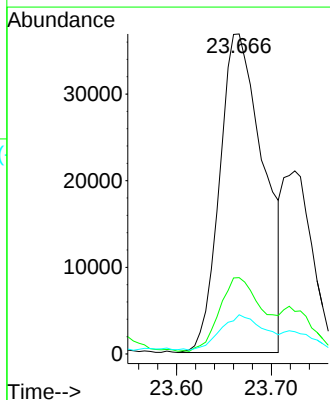
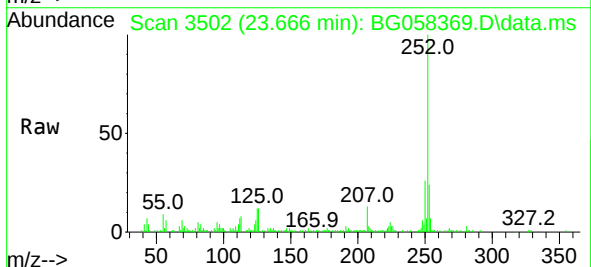
Manual Integrations
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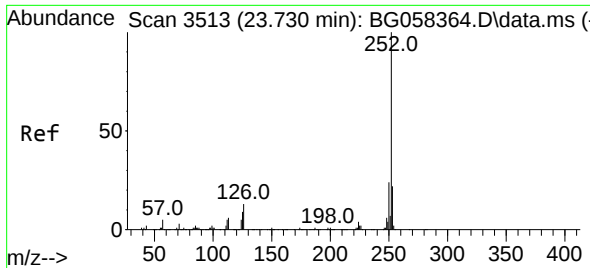
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(b)fluoranthene
Concen: 5.919 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

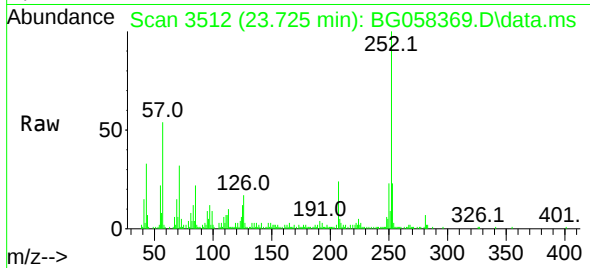
Tgt Ion:252 Resp: 118108
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 12.3 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 2.328 ng/ul m
RT: 23.725 min Scan# 3513
Delta R.T. -0.008 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

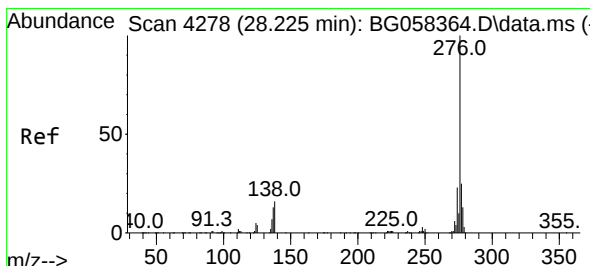
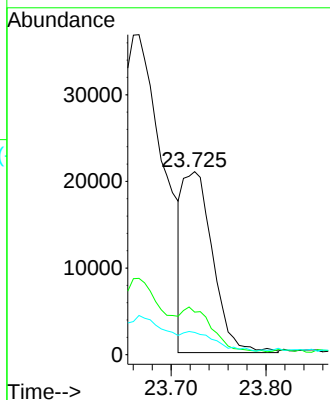
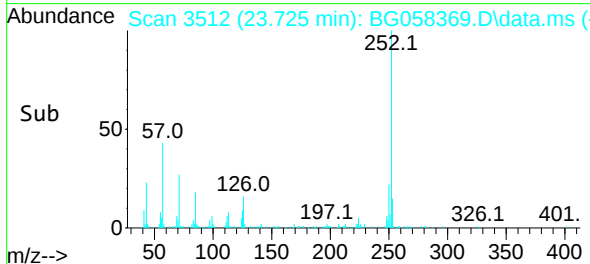
Instrument :
BNA_G
ClientSampleId :
A46S7



Tgt Ion:252 Resp: 46329
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 12.1 7.4 11.0

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



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.072 ng/ul m
RT: 28.214 min Scan# 4276
Delta R.T. -0.014 min
Lab File: BG058369.D
Acq: 20 Jul 2023 21:47

Tgt Ion:276 Resp: 25063
Ion Ratio Lower Upper
276 100
138 16.4 13.8 20.6
277 20.3 19.2 28.8

