

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057965.D
 Acq On : 3 Jul 2023 21:55
 Operator : CG/JU
 Sample : 03247-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL8

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:21:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	43538	20.000	ng/u1	0.00
20) Naphthalene-d8	10.737	136	204706	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.568	164	141106	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.311	188	297236	20.000	ng/u1	0.00
79) Chrysene-d12	21.565	240	249823	20.000	ng/u1	0.00
88) Perylene-d12	24.732	264	303263	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3564	2.866	ng/uL	0.01
4) Pyridine-d5	3.792	84	3826	1.014	ng/u1	0.02
7) Phenol-d5	7.100	99	75767	17.040	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	48009	17.917	ng/u1	0.00
11) 2-Chlorophenol-d4	7.470	132	58066	18.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.639	113	42390	12.635	ng/u1	0.00
21) Nitrobenzene-d5	9.097	128	30118	18.052	ng/u1	0.00
24) 2-Nitrophenol-d4	9.820	143	32994	18.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	63894	18.994	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	17707	3.472	ng/u1	0.01
46) Dimethylphthalate-d6	13.974	166	200026	17.966	ng/u1	0.00
49) Acenaphthylene-d8	14.262	160	236735	19.486	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	27447	13.954	ng/u1	0.00
60) Fluorene-d10	15.560	176	181269	19.171	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	23680	14.672	ng/u1	0.00
73) Anthracene-d10	17.411	188	264876	19.204	ng/u1	0.00
81) Pyrene-d10	19.697	212	319364	20.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	318309	20.602	ng/u1	0.02
Target Compounds					Qvalue	
50) Acenaphthylene	14.297	152	15654	1.193	ng/u1	95
72) Phenanthrene	17.352	178	90746	6.002	ng/u1	99
80) Fluoranthene	19.362	202	234871	12.883	ng/u1	100
82) Pyrene	19.726	202	188542	10.274	ng/u1	99
85) Benzo(a)anthracene	21.548	228	111527	6.217	ng/u1	96
87) Chrysene	21.606	228	113544	6.752	ng/u1	96
90) Benzo(b)fluoranthene	23.727	252	180586	9.617	ng/u1	94
91) Benzo(k)fluoranthene	23.774	252	59620m	3.239	ng/u1	
93) Benzo(a)pyrene	24.579	252	110709	6.661	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.340	276	90351m	4.094	ng/u1	
95) Dibenzo(a,h)anthracene	28.363	278	26736m	1.469	ng/u1	
96) Benzo(g,h,i)perylene	29.462	276	76085	4.221	ng/u1#	94

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

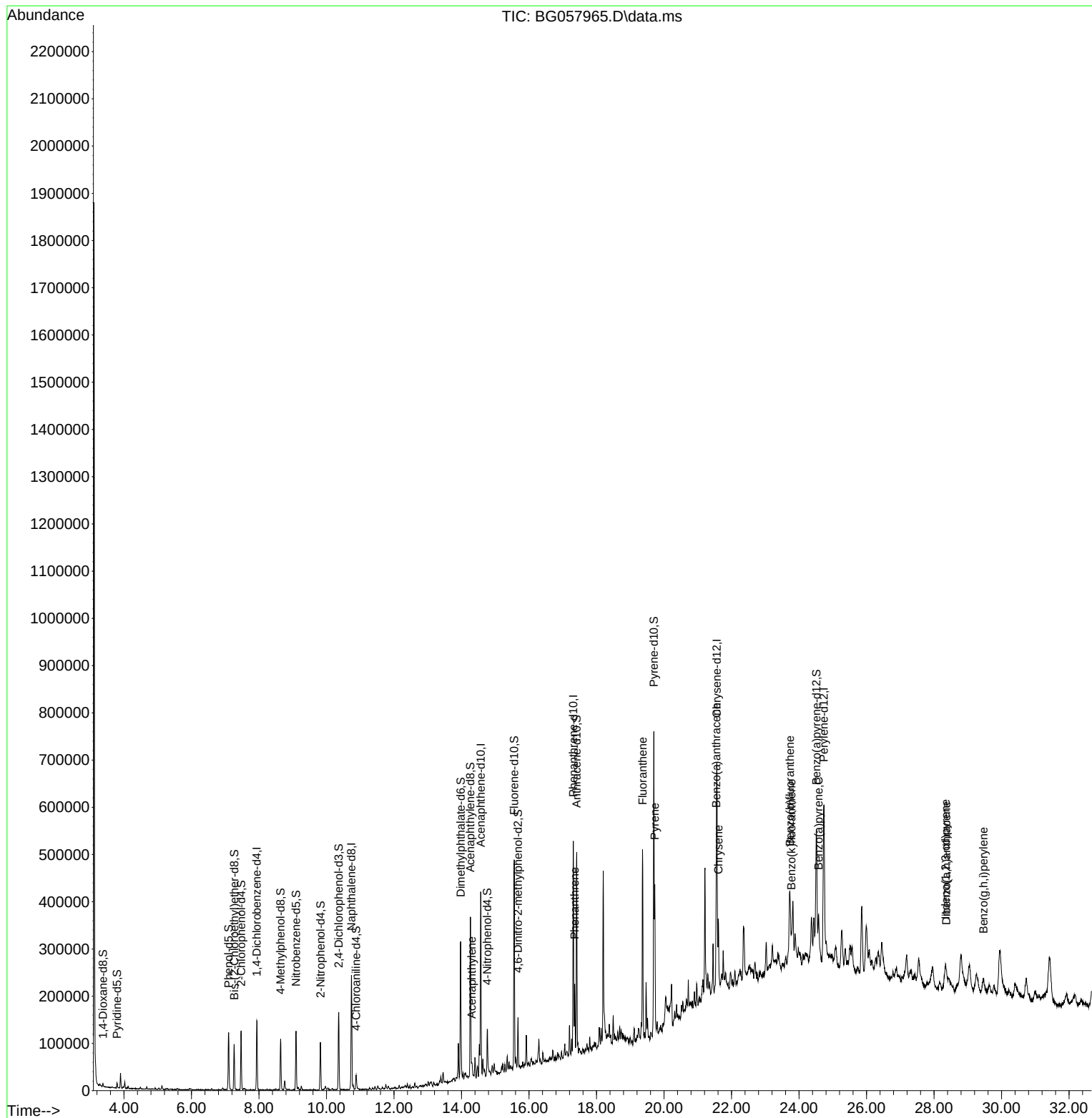
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057965.D
Acq On : 3 Jul 2023 21:55
Operator : CG/JU
Sample : 03247-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

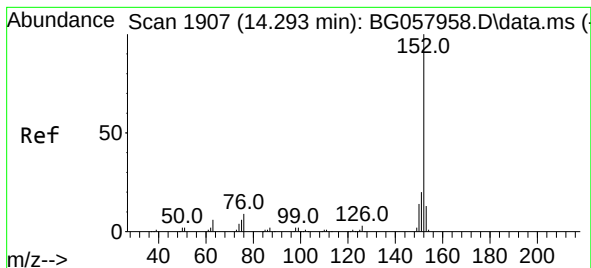
Instrument :
BNA_G
ClientSampleId :
DCGL8

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
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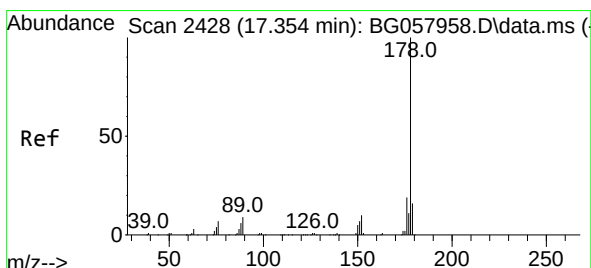
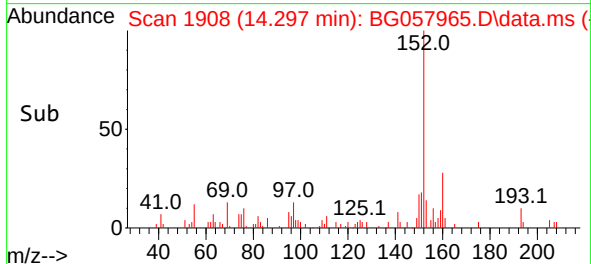
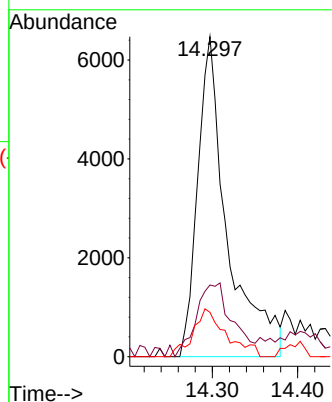
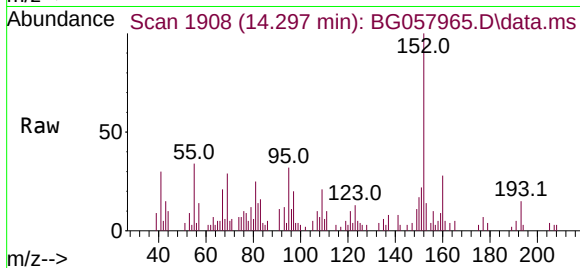
#50
Acenaphthylene
Concen: 1.193 ng/ul
RT: 14.297 min Scan# 1907
Delta R.T. 0.010 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

Instrument :
BNA_G
ClientSampleId :
DCGL8

Tgt Ion:152 Resp: 15654
Ion Ratio Lower Upper
152 100
151 22.4 15.6 23.4
153 13.8 10.5 15.7

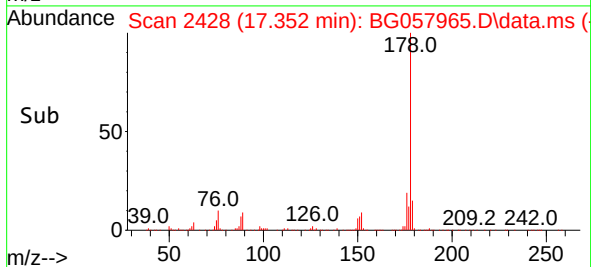
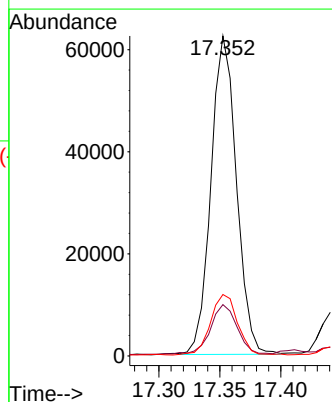
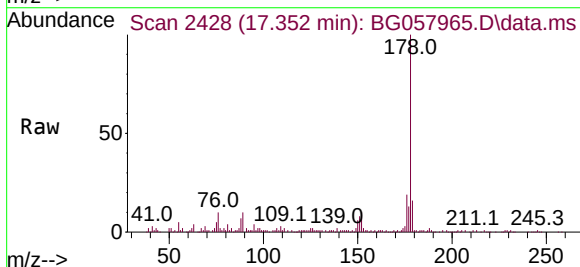
Manual Integrations
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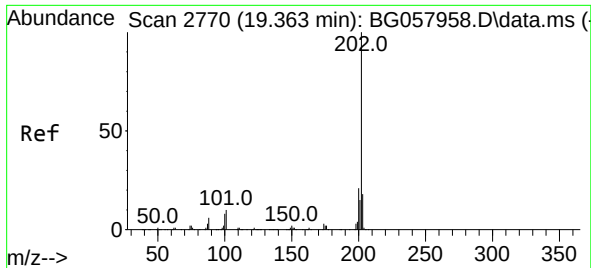
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#72
Phenanthrene
Concen: 6.002 ng/ul
RT: 17.352 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

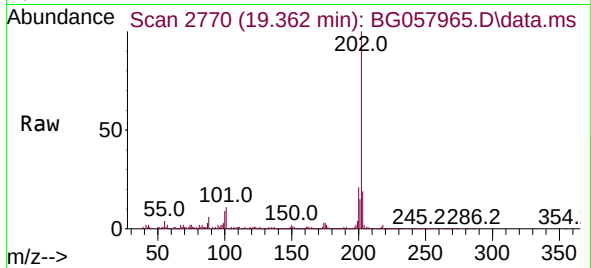
Tgt Ion:178 Resp: 90746
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.2 15.7 23.5





#80
Fluoranthene
Concen: 12.883 ng/u1
RT: 19.362 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

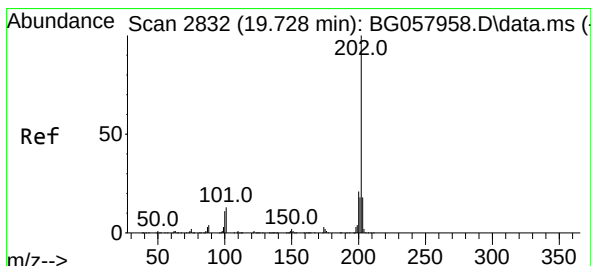
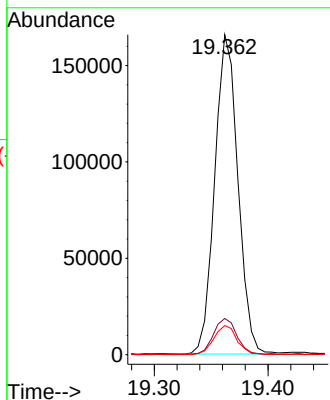
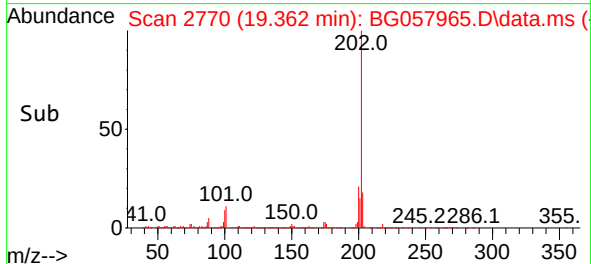
Instrument :
BNA_G
ClientSampleId :
DCGL8



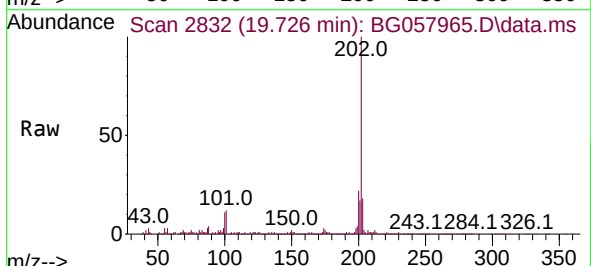
Tgt Ion:202 Resp: 23487
Ion Ratio Lower Upper
202 100
101 11.3 9.1 13.7
100 9.1 7.1 10.7

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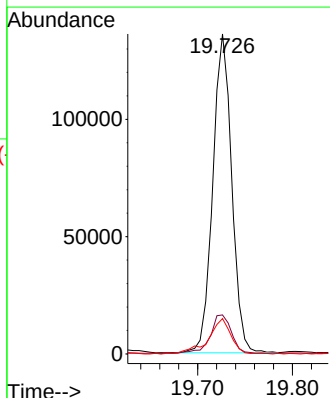
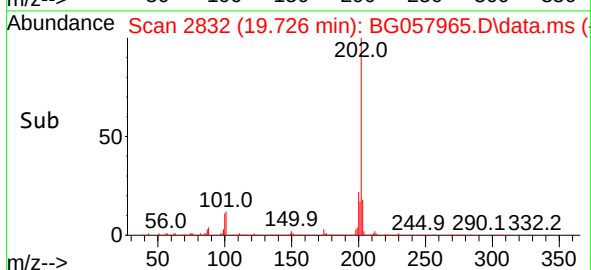
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

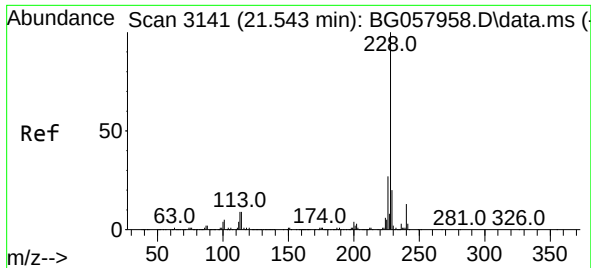


#82
Pyrene
Concen: 10.274 ng/u1
RT: 19.726 min Scan# 2832
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55



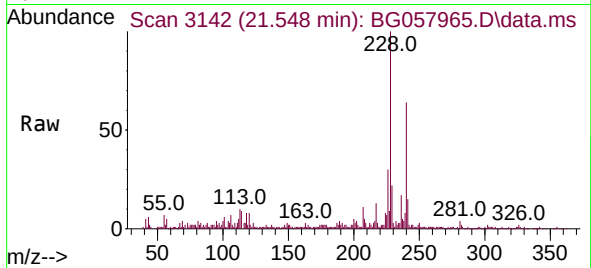
Tgt Ion:202 Resp: 188542
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.2
100 11.1 8.9 13.3





#85
Benzo(a)anthracene
Concen: 6.217 ng/u1
RT: 21.548 min Scan# 3141
Delta R.T. 0.005 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

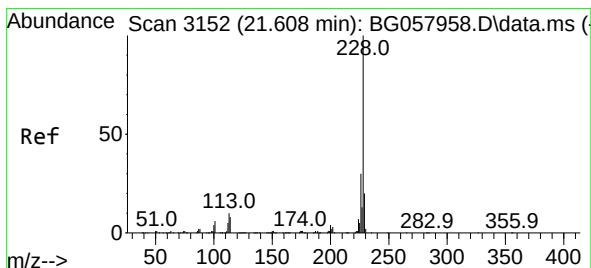
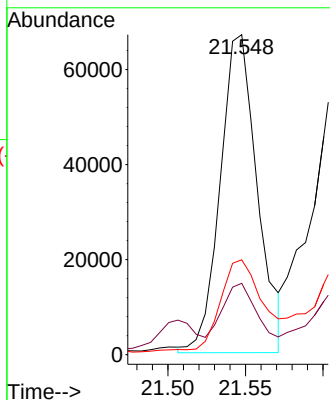
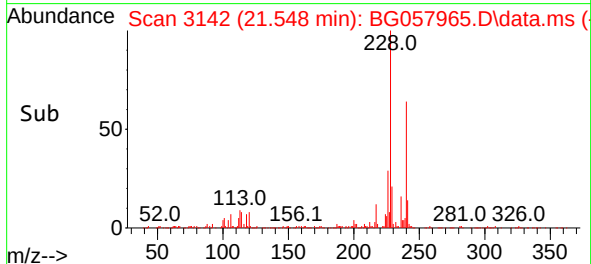
Instrument :
BNA_G
ClientSampleId :
DCGL8



Tgt Ion:228 Resp: 111527
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 29.6 22.0 33.0

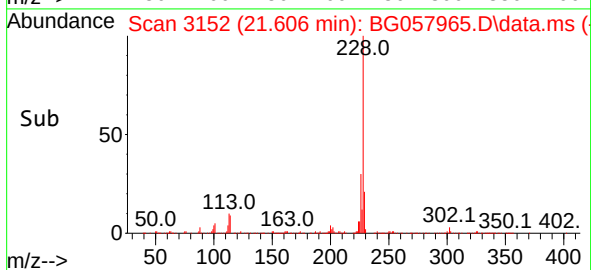
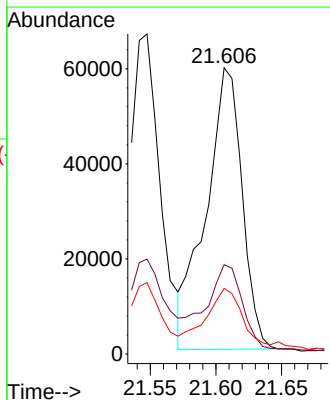
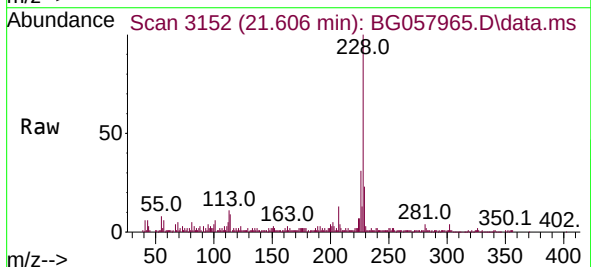
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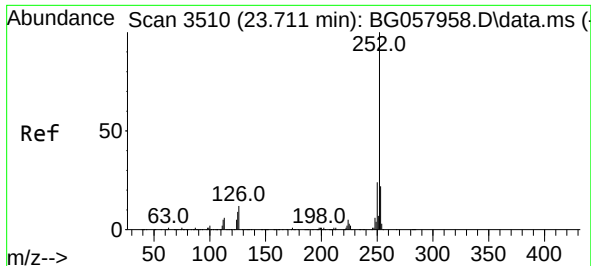
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#87
Chrysene
Concen: 6.752 ng/u1
RT: 21.606 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

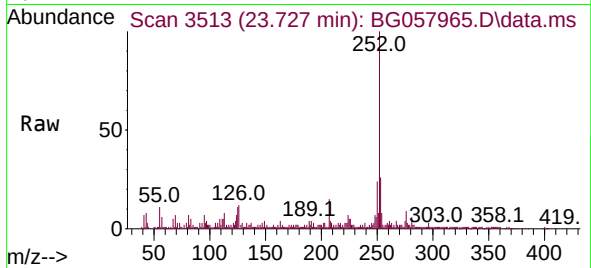
Tgt Ion:228 Resp: 113544
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.617 ng/ul
RT: 23.727 min Scan# 3513
Delta R.T. 0.016 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

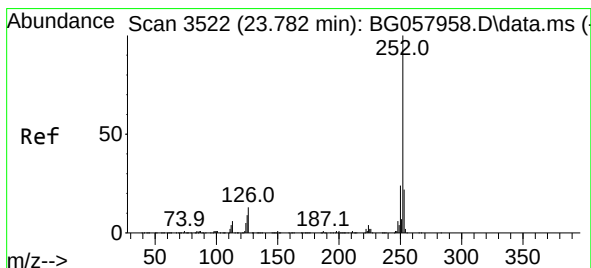
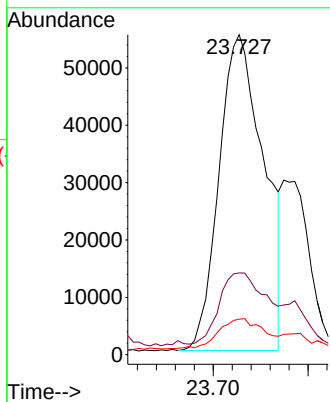
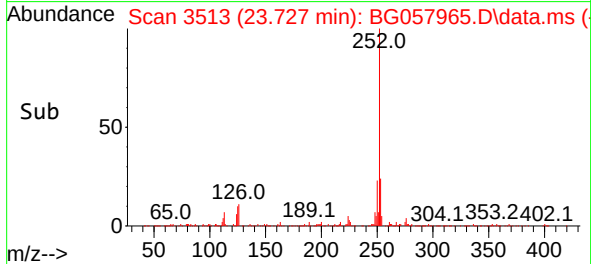
Instrument :
BNA_G
ClientSampleId :
DCGL8



Tgt Ion:252 Resp: 180580
Ion Ratio Lower Upper
252 100
253 25.5 18.1 27.1
125 11.1 7.5 11.3

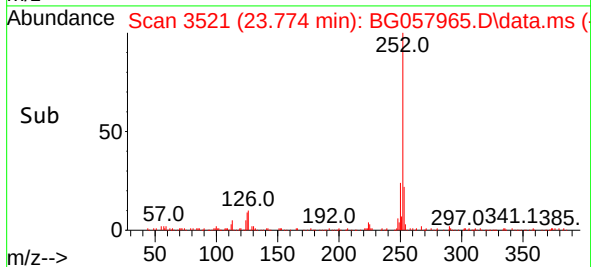
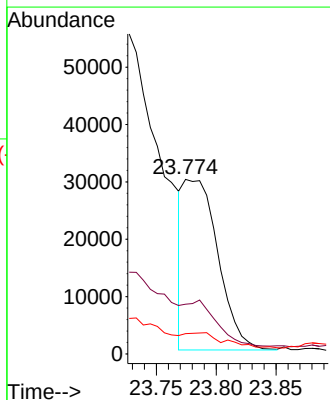
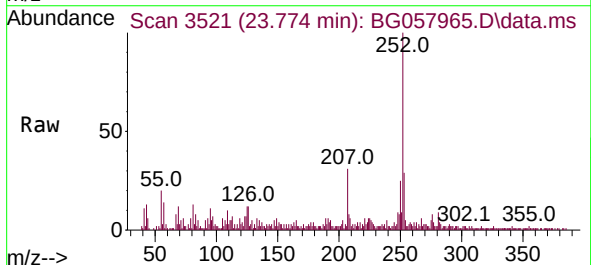
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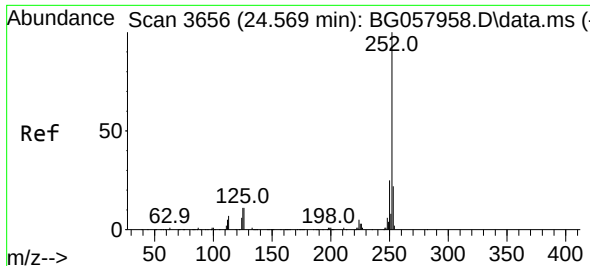
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#91
Benzo(k)fluoranthene
Concen: 3.239 ng/ul m
RT: 23.774 min Scan# 3521
Delta R.T. -0.001 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

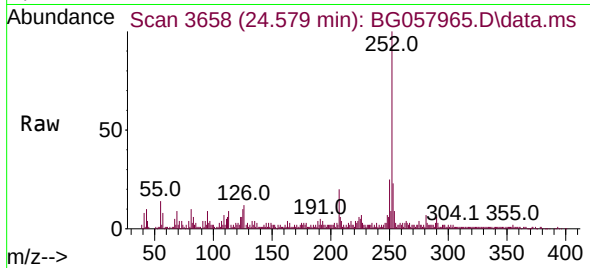
Tgt Ion:252 Resp: 59620
Ion Ratio Lower Upper
252 100
253 28.5 17.7 26.5#
125 11.6 7.4 11.2#





#93
Benzo(a)pyrene
Concen: 6.661 ng/ul
RT: 24.579 min Scan# 3656
Delta R.T. 0.010 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55

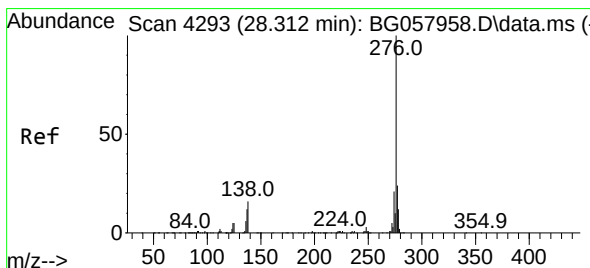
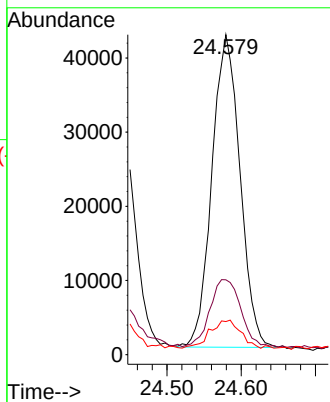
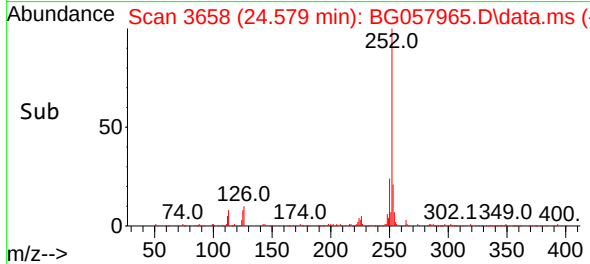
Instrument :
BNA_G
ClientSampleId :
DCGL8



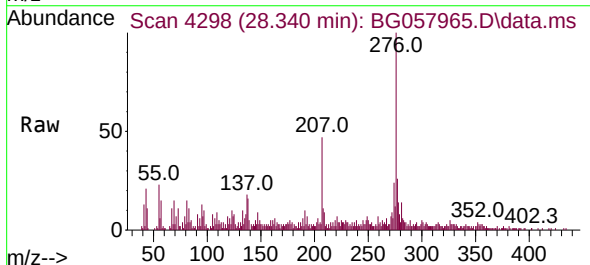
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Ion Ratio Lower Upper
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125 10.4 8.3 12.5

Manual Integrations
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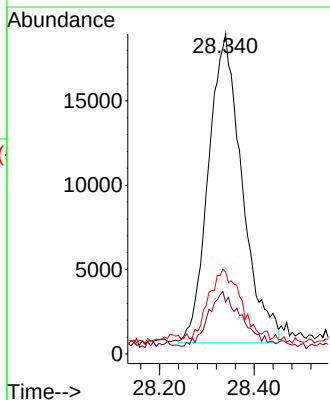
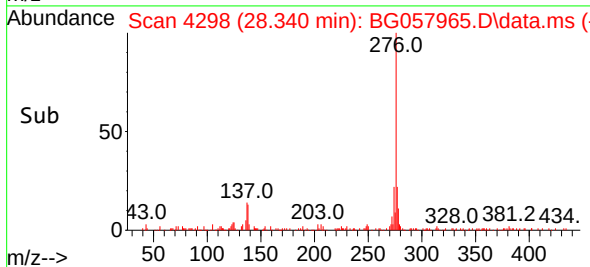
Reviewed By :Sohil Jodhani 07/04/2023
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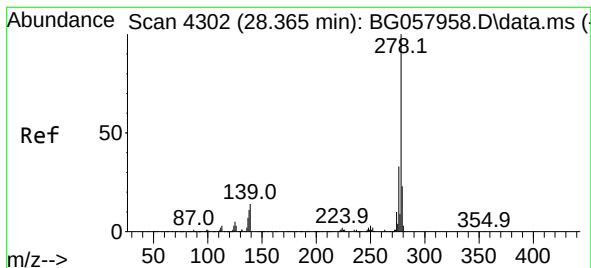


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.094 ng/ul m
RT: 28.340 min Scan# 4298
Delta R.T. 0.034 min
Lab File: BG057965.D
Acq: 3 Jul 2023 21:55



Tgt Ion:276 Resp: 90351
Ion Ratio Lower Upper
276 100
138 16.2 14.0 21.0
277 25.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.469 ng/ul m

RT: 28.363 min Scan# 4302

Delta R.T. -0.007 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

Instrument :

BNA_G

ClientSampleId :

DCGL8

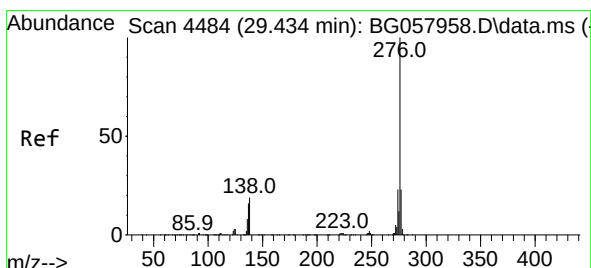
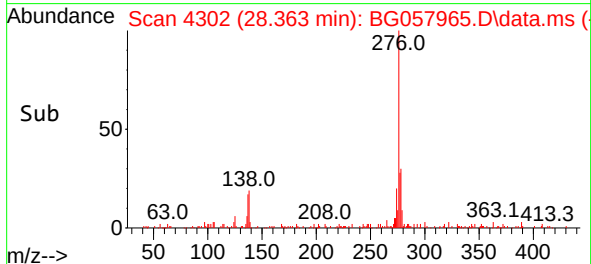
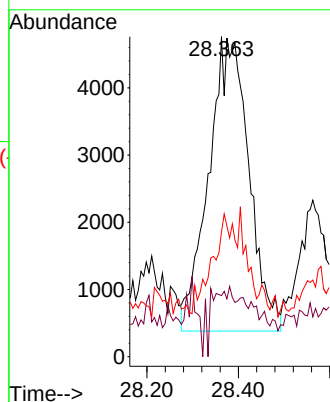
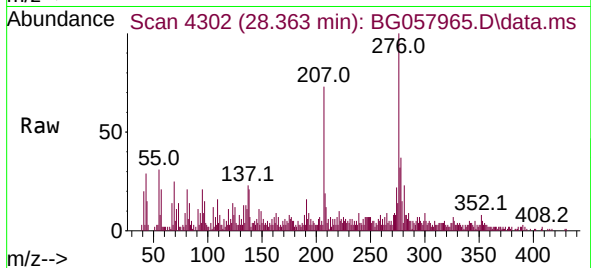
Tgt Ion:	278	Resp:	26730
Ion Ratio	Lower	Upper	
278	100		
139	19.1	11.3	16.9
279	39.0	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 4.221 ng/ul

RT: 29.462 min Scan# 4489

Delta R.T. 0.034 min

Lab File: BG057965.D

Acq: 3 Jul 2023 21:55

Tgt Ion:	276	Resp:	76085
Ion Ratio	Lower	Upper	
276	100		
138	21.3	14.2	21.2
277	25.6	18.6	27.8

