

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057964.D
 Acq On : 3 Jul 2023 21:13
 Operator : CG/JU
 Sample : 03246-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK9

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 04:13:11 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	7.938	152	39487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.741	136	184838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.566	164	134760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	314912	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	256857	20.000	ng/u1	0.00
88) Perylene-d12	24.724	264	314035	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3950	3.503	ng/uL	0.00
4) Pyridine-d5	3.784	84	41656	12.168	ng/u1	0.00
7) Phenol-d5	7.098	99	81858	20.299	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	50558	20.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.468	132	60268	21.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	50847	16.710	ng/u1	0.00
21) Nitrobenzene-d5	9.096	128	32261	21.414	ng/u1	0.00
24) 2-Nitrophenol-d4	9.818	143	35122	22.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.359	165	65117	21.439	ng/u1	0.00
31) 4-Chloroaniline-d4	10.870	131	45696	9.923	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	215187	20.238	ng/u1	0.00
49) Acenaphthylene-d8	14.260	160	255272	22.001	ng/u1	0.00
54) 4-Nitrophenol-d4	14.766	143	30444	16.206	ng/u1	0.00
60) Fluorene-d10	15.559	176	200624	22.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	27551	16.112	ng/u1	0.00
73) Anthracene-d10	17.410	188	292201	19.996	ng/u1	0.00
81) Pyrene-d10	19.695	212	357600	22.106	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.507	264	356451	22.279	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.351	178	37065	2.314	ng/u1	99
80) Fluoranthene	19.360	202	128669	6.864	ng/u1	99
82) Pyrene	19.724	202	110577	5.860	ng/u1	98
85) Benzo(a)anthracene	21.546	228	80677	4.374	ng/u1	94
87) Chrysene	21.610	228	101237	5.856	ng/u1	98
90) Benzo(b)fluoranthene	23.720	252	185165	9.523	ng/u1#	95
91) Benzo(k)fluoranthene	23.779	252	52327	2.746	ng/u1#	92
93) Benzo(a)pyrene	24.572	252	93050	5.407	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.308	276	82743	3.621	ng/u1	99
95) Dibenzo(a,h)anthracene	28.355	278	24586m	1.305	ng/u1	
96) Benzo(g,h,i)perylene	29.437	276	68634	3.677	ng/u1	94

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

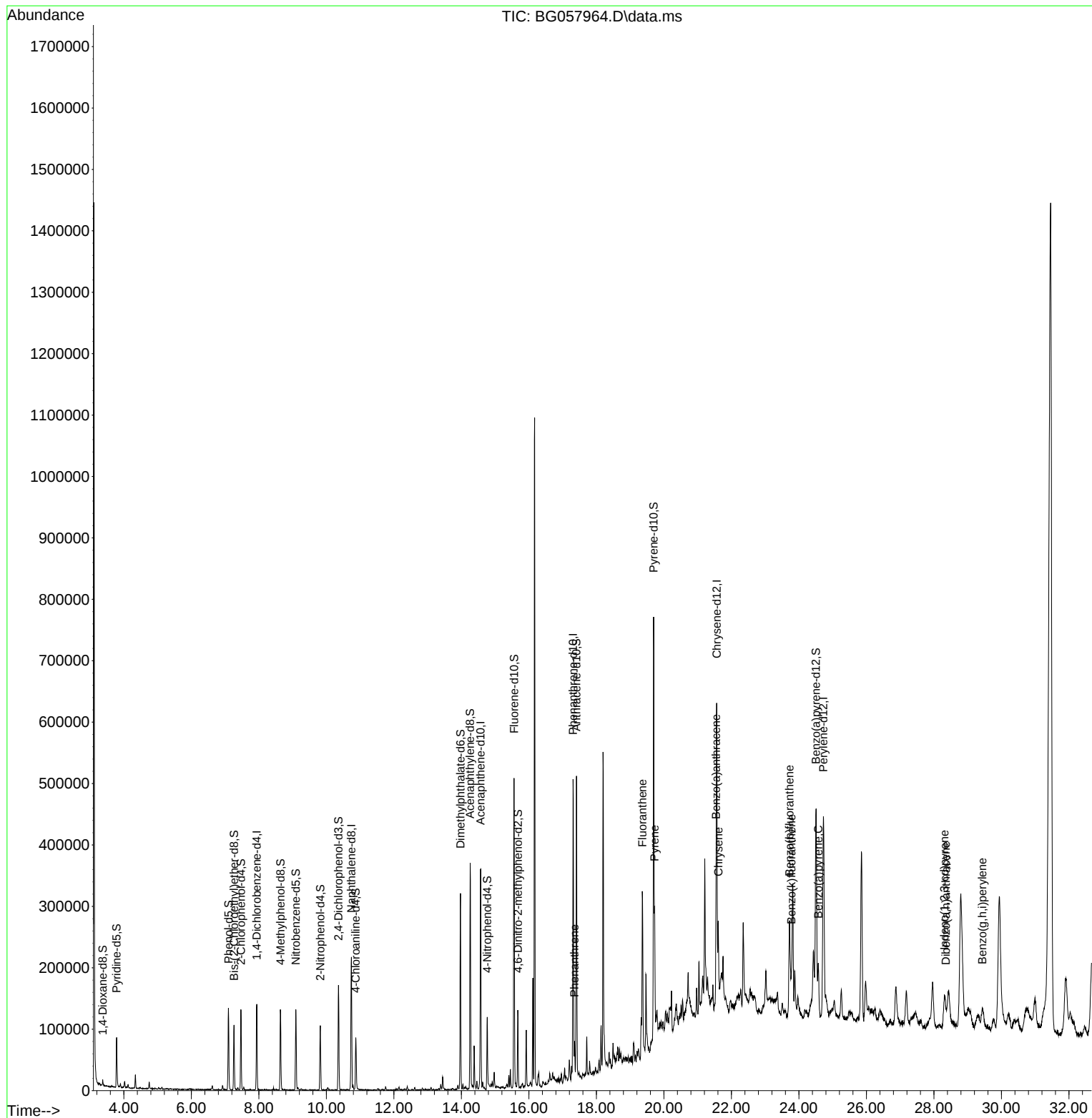
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057964.D
Acq On : 3 Jul 2023 21:13
Operator : CG/JU
Sample : 03246-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

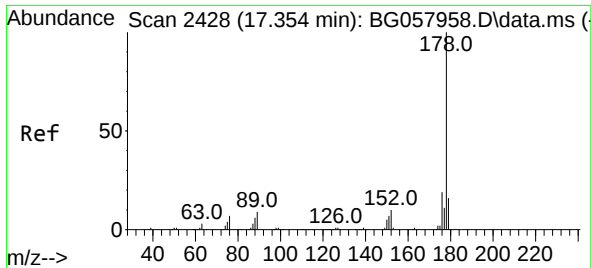
Instrument :
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Supervised By :mohammad ahmed 07/04/2023

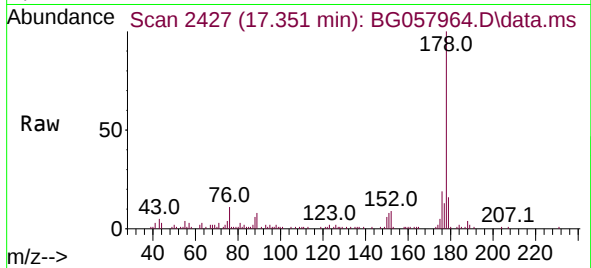
Quant Time: Jul 04 04:13:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.314 ng/ul
RT: 17.351 min Scan# 2428
Delta R.T. 0.003 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

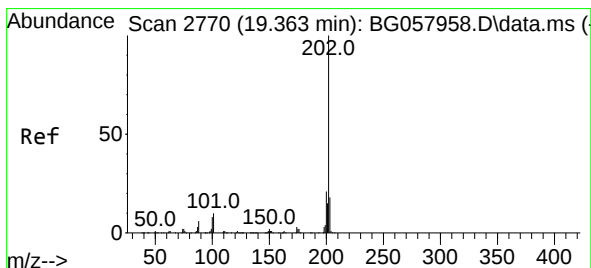
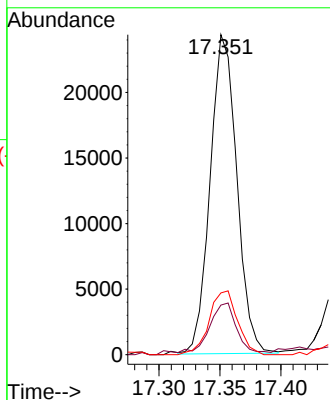
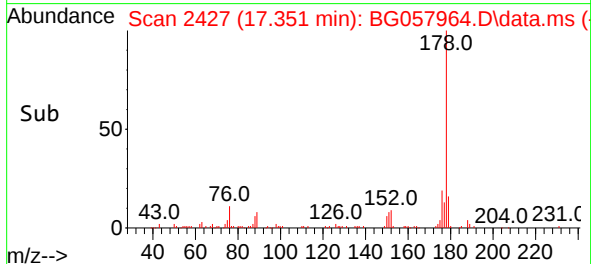
Instrument :
BNA_G
ClientSampleId :
DCGK9



Tgt Ion:178 Resp: 3706
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.3 15.7 23.5

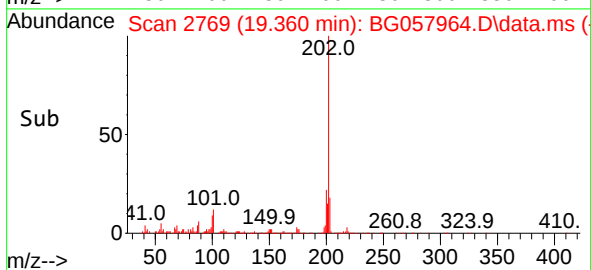
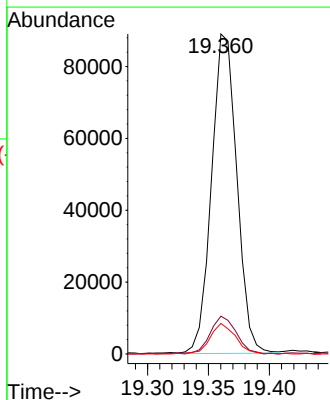
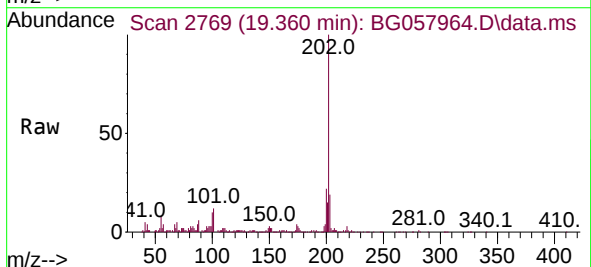
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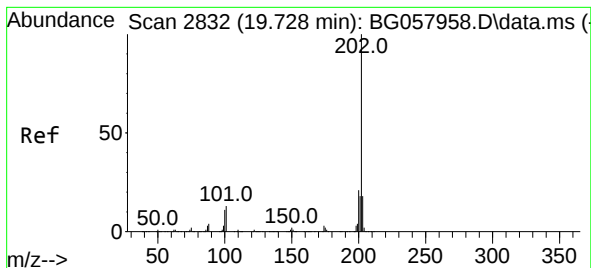
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#80
Fluoranthene
Concen: 6.864 ng/ul
RT: 19.360 min Scan# 2769
Delta R.T. 0.003 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

Tgt Ion:202 Resp: 128669
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
100 9.6 7.1 10.7





#82

Pyrene

Concen: 5.860 ng/ul

RT: 19.724 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Instrument :

BNA_G

ClientSampleId :

DCGK9

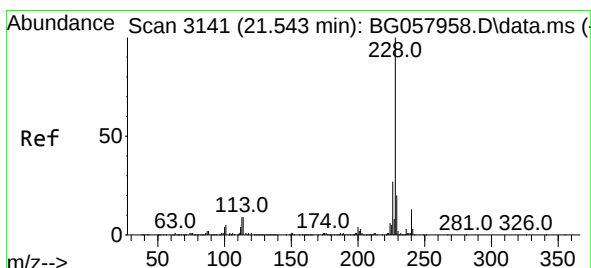
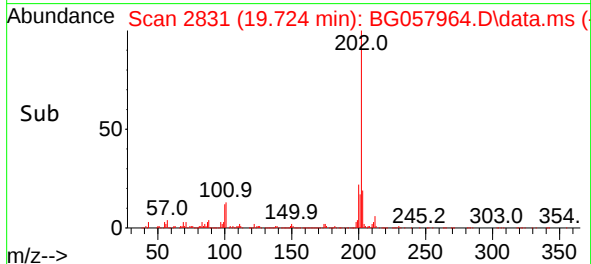
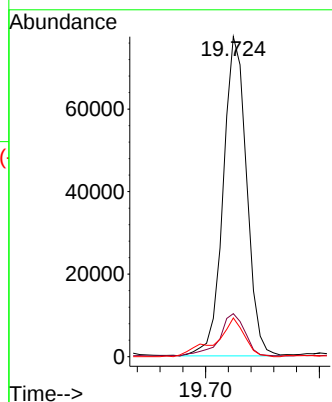
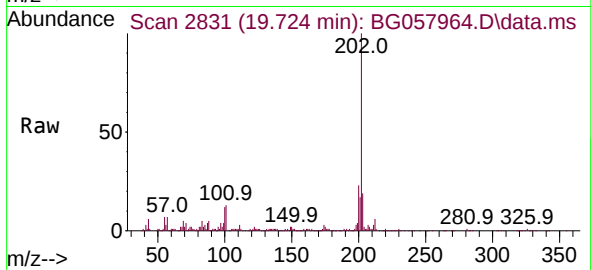
Tgt Ion:202 Resp: 11057
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.2 15.2
 100 12.1 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 4.374 ng/ul

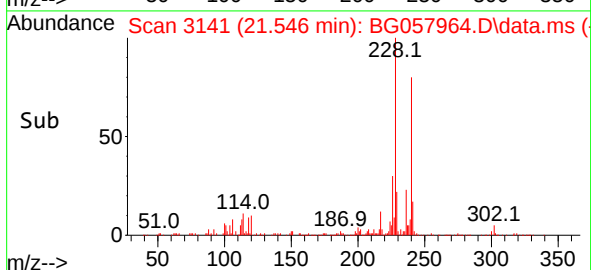
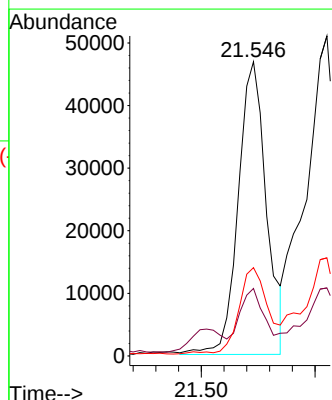
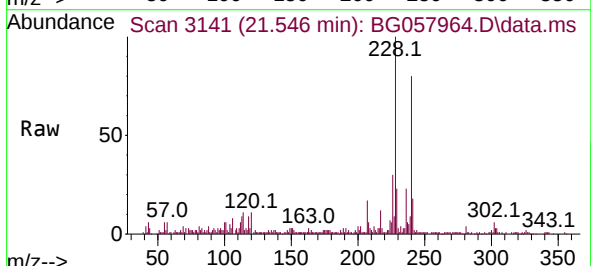
RT: 21.546 min Scan# 3141

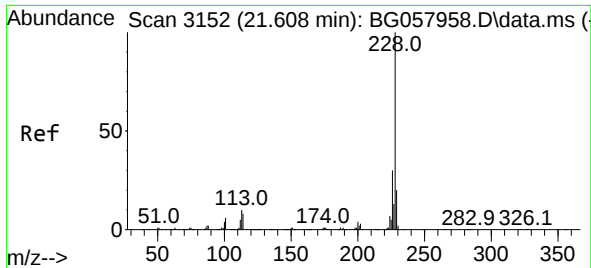
Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

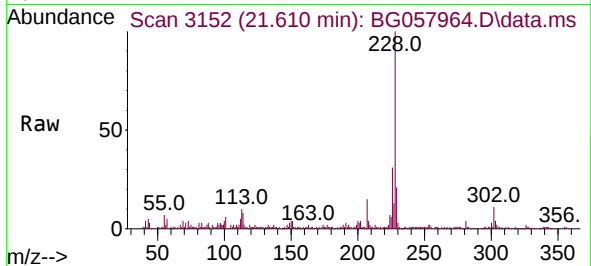
Tgt Ion:228 Resp: 80677
 Ion Ratio Lower Upper
 228 100
 229 23.0 16.0 24.0
 226 30.0 22.0 33.0





#87
Chrysene
Concen: 5.856 ng/ul
RT: 21.610 min Scan# 3152
Delta R.T. 0.003 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

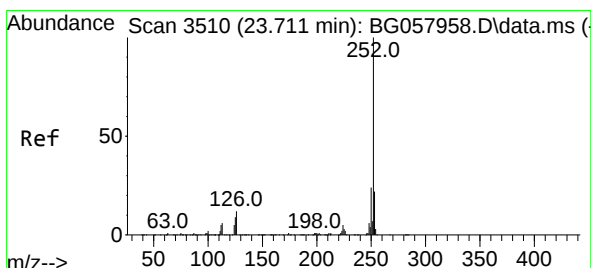
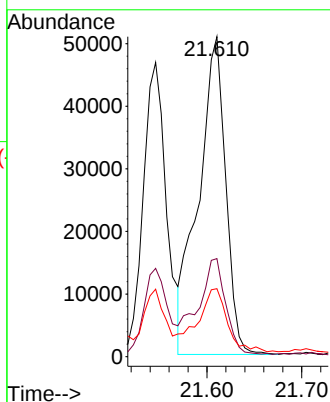
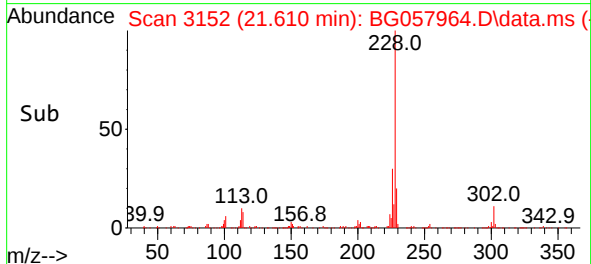
Instrument :
BNA_G
ClientSampleId :
DCGK9



Tgt Ion:228 Resp: 101237
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.3 15.5 23.3

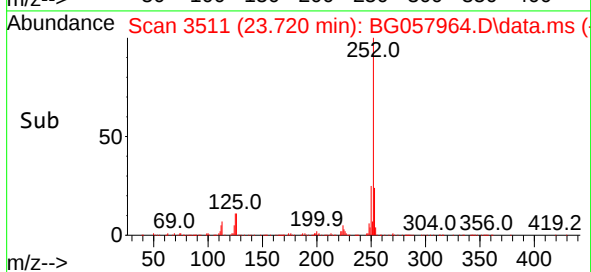
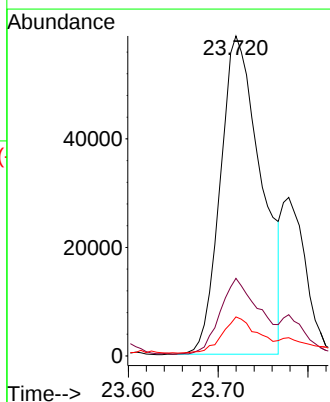
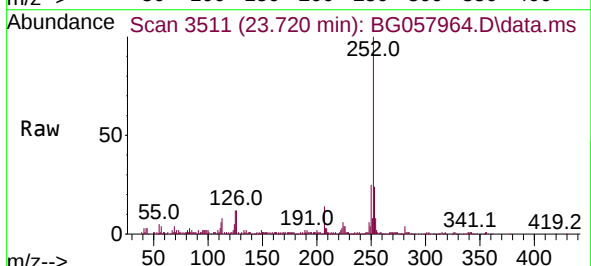
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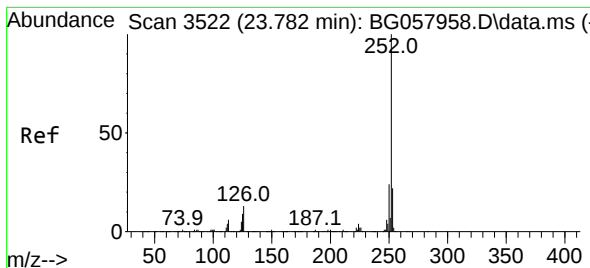
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 9.523 ng/ul
RT: 23.720 min Scan# 3511
Delta R.T. 0.009 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

Tgt Ion:252 Resp: 185165
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 12.2 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.746 ng/ul

RT: 23.779 min Scan# 3522

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Instrument :

BNA_G

ClientSampleId :

DCGK9

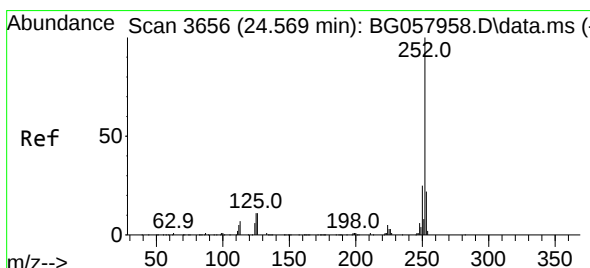
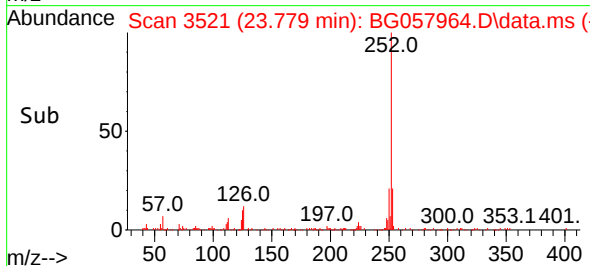
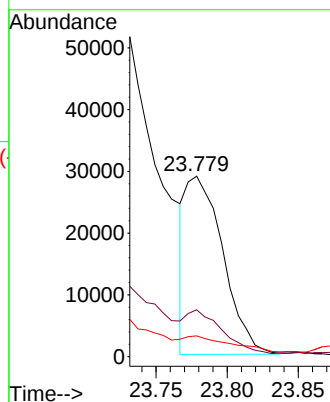
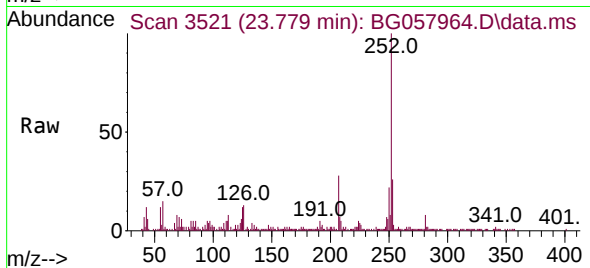
Tgt Ion:	252	Resp:	5232
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.7	26.5
125	11.5	7.4	11.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 5.407 ng/ul

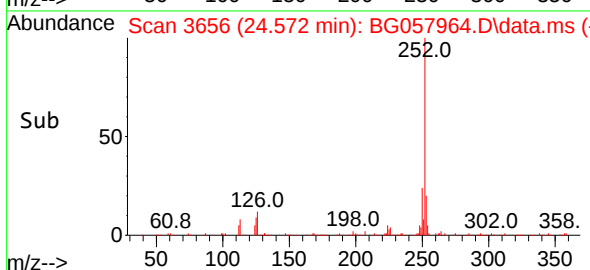
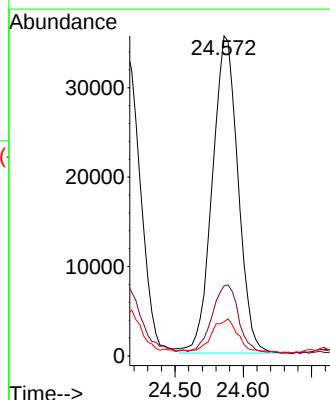
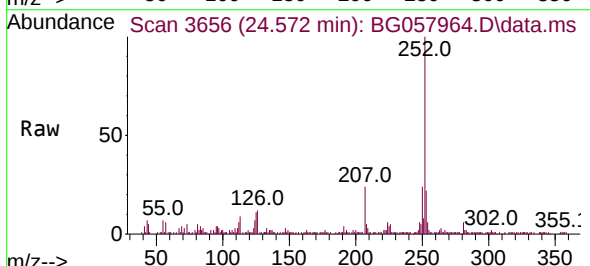
RT: 24.572 min Scan# 3656

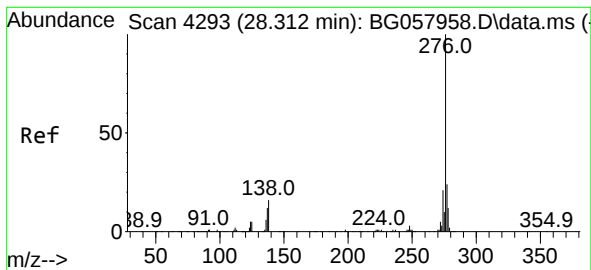
Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Tgt Ion:	252	Resp:	93050
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	10.7	8.3	12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.621 ng/ul

RT: 28.308 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Instrument :

BNA_G

ClientSampleId :

DCGK9

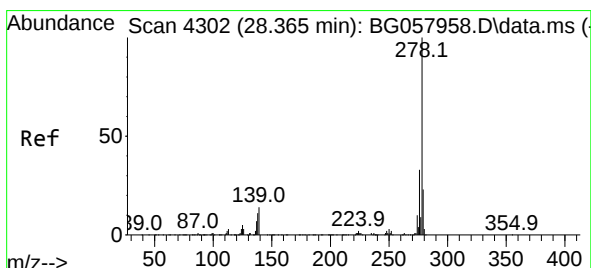
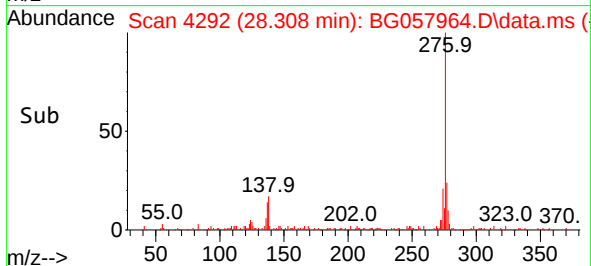
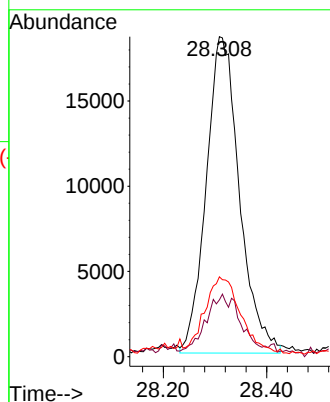
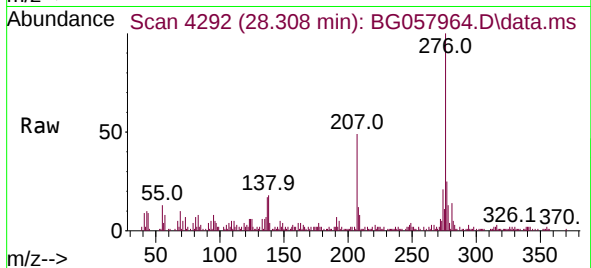
Tgt Ion:	276	Resp:	8274
Ion Ratio	Lower	Upper	
276	100		
138	17.8	14.0	21.0
277	25.0	19.4	29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.305 ng/ul m

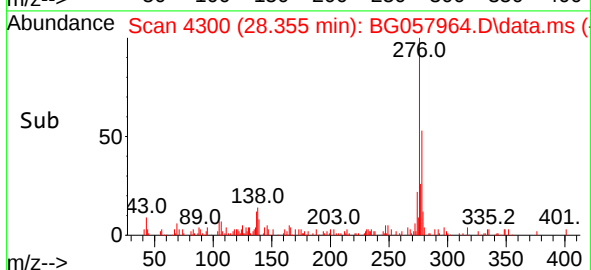
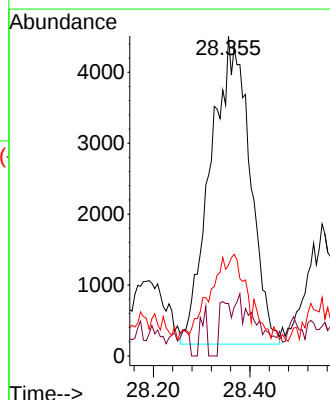
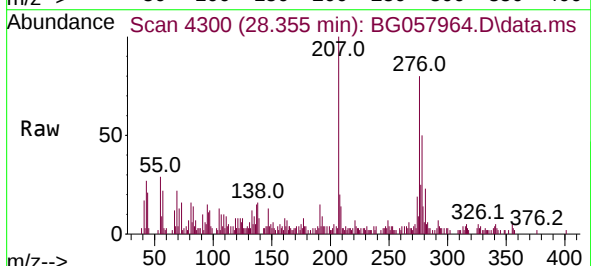
RT: 28.355 min Scan# 4300

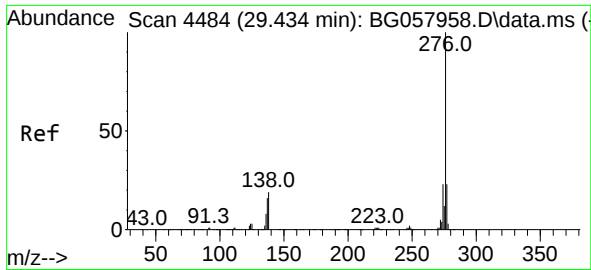
Delta R.T. -0.015 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

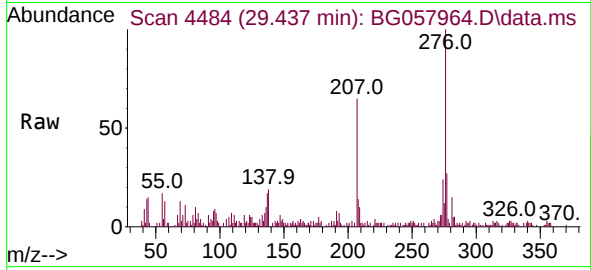
Tgt Ion:	278	Resp:	24586
Ion Ratio	Lower	Upper	
278	100		
139	16.4	11.3	16.9
279	28.4	18.9	28.3





#96
 Benzo(g,h,i)perylene
 Concen: 3.677 ng/ul
 RT: 29.437 min Scan# 44
 Delta R.T. 0.009 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

Instrument :
 BNA_G
 ClientSampleId :
 DCGK9



Tgt Ion:	276	Resp:	68634
Ion Ratio	Lower	Upper	
276	100		
138	19.1	14.2	21.2
277	27.2	18.6	27.8

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