

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057969.D
 Acq On : 4 Jul 2023 00:45
 Operator : CG/JU
 Sample : 03246-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ8

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 04:50:49 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	7.941	152	49980	20.000	ng/u1	0.01
20) Naphthalene-d8	10.744	136	234410	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.575	164	159780	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.313	188	336833	20.000	ng/u1	0.00
79) Chrysene-d12	21.566	240	268506	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	329562	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5434	3.807	ng/uL	0.01
4) Pyridine-d5	3.787	84	57408	13.248	ng/u1	0.01
7) Phenol-d5	7.101	99	125408	24.570	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.265	67	76966	25.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	91097	25.877	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	86872	22.556	ng/u1	0.01
21) Nitrobenzene-d5	9.099	128	49369	25.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.821	143	54509	27.146	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	101054	26.234	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	97732	16.735	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	320594	25.430	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	371838	27.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	41712	18.727	ng/u1	0.00
60) Fluorene-d10	15.562	176	279864	26.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	35822	19.585	ng/u1	0.01
73) Anthracene-d10	17.412	188	385449	24.661	ng/u1	0.00
81) Pyrene-d10	19.704	212	472277	27.928	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.516	264	475496	28.320	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.360	178	23500	1.372	ng/u1	98
80) Fluoranthene	19.369	202	109661	5.596	ng/u1	98
82) Pyrene	19.733	202	94978	4.815	ng/u1	98
85) Benzo(a)anthracene	21.549	228	60743	3.151	ng/u1	96
87) Chrysene	21.613	228	70140	3.881	ng/u1	97
90) Benzo(b)fluoranthene	23.729	252	110498	5.415	ng/u1	95
91) Benzo(k)fluoranthene	23.781	252	32193m	1.610	ng/u1	
93) Benzo(a)pyrene	24.580	252	66573	3.686	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.335	276	54503m	2.273	ng/u1	
96) Benzo(g,h,i)perylene	29.451	276	49536m	2.529	ng/u1	

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

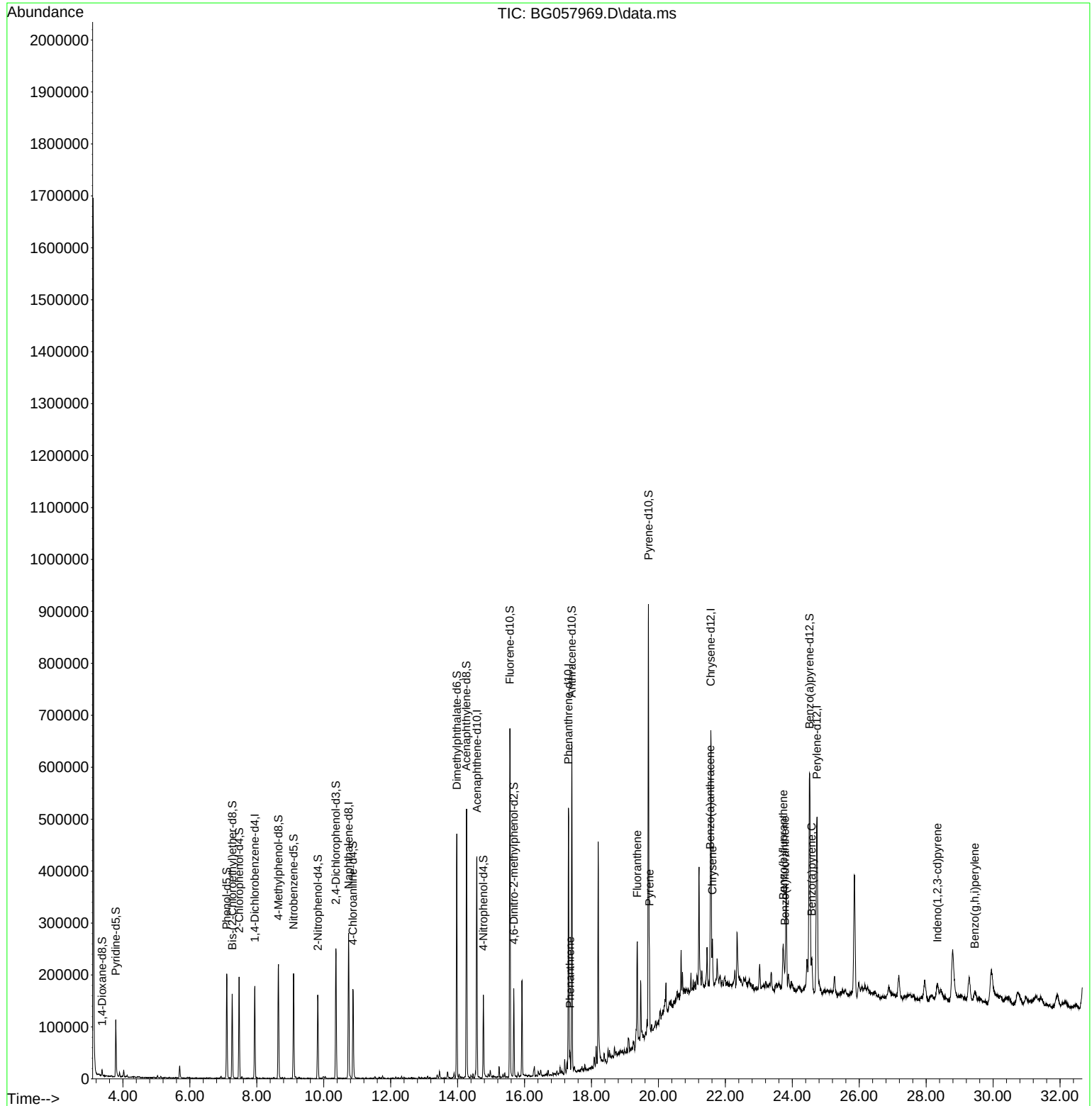
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057969.D
Acq On : 4 Jul 2023 00:45
Operator : CG/JU
Sample : 03246-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

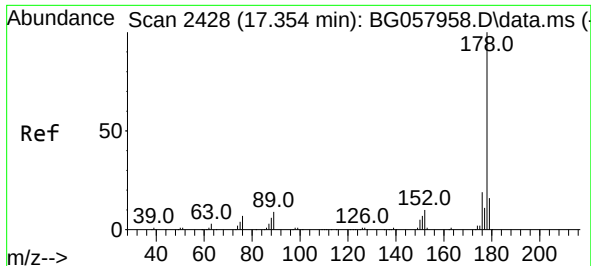
Instrument :
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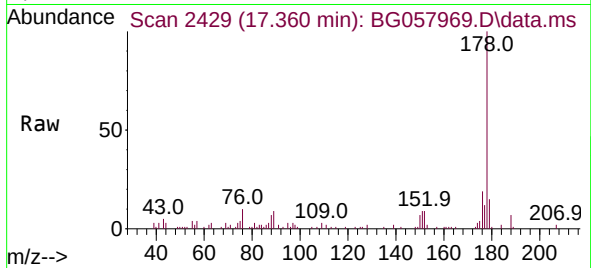
Quant Time: Jul 04 04:50:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.372 ng/ul
RT: 17.360 min Scan# 2428
Delta R.T. 0.012 min
Lab File: BG057969.D
Acq: 4 Jul 2023 00:45

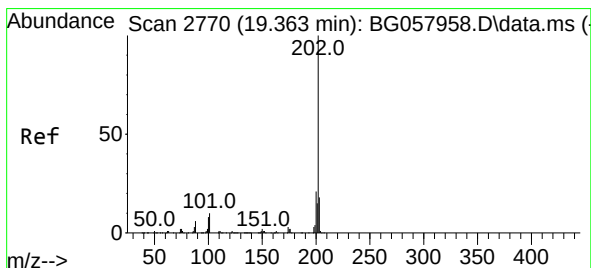
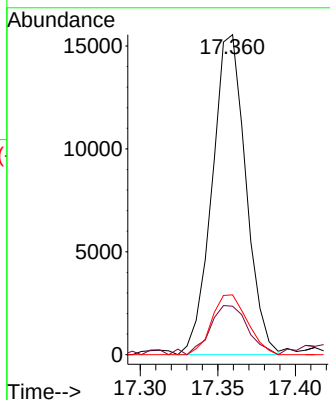
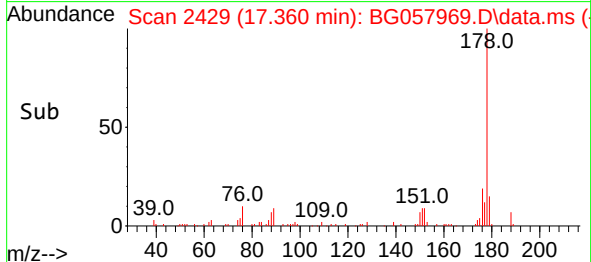
Instrument :
BNA_G
ClientSampleId :
DCGJ8



Tgt Ion:178 Resp: 23500
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.7 15.7 23.5

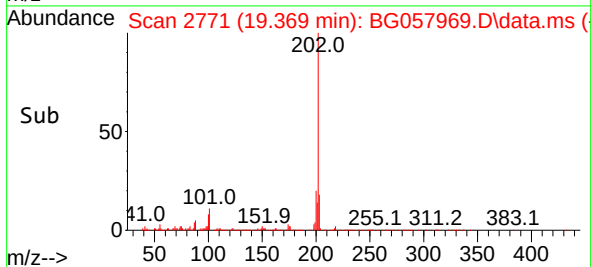
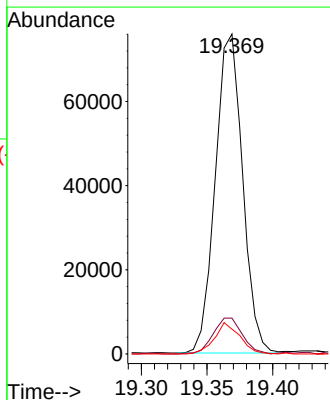
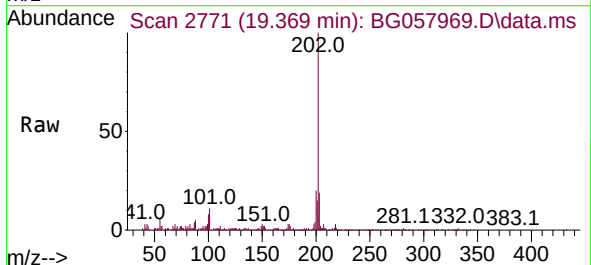
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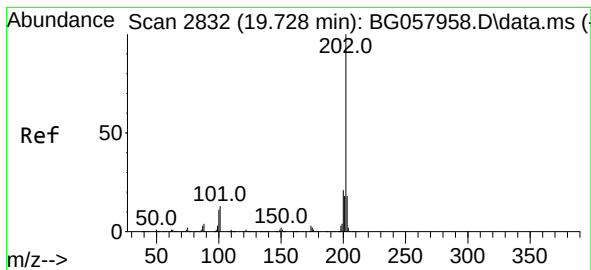
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#80
Fluoranthene
Concen: 5.596 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.012 min
Lab File: BG057969.D
Acq: 4 Jul 2023 00:45

Tgt Ion:202 Resp: 109661
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 7.8 7.1 10.7





#82

Pyrene

Concen: 4.815 ng/ul

RT: 19.733 min Scan# 2833

Delta R.T. 0.012 min

Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

Instrument :

BNA_G

ClientSampleId :

DCGJ8

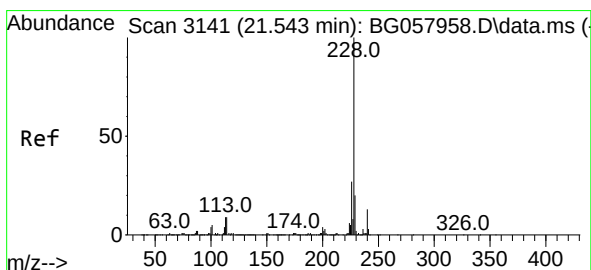
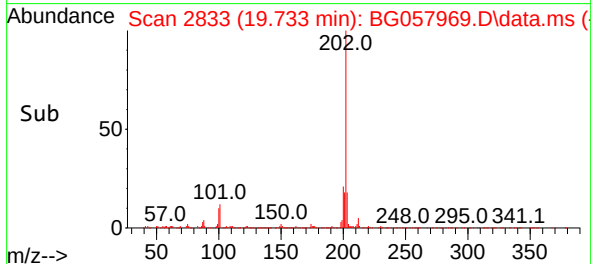
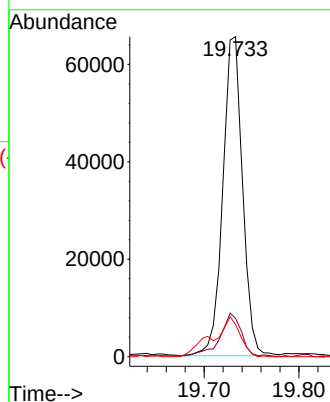
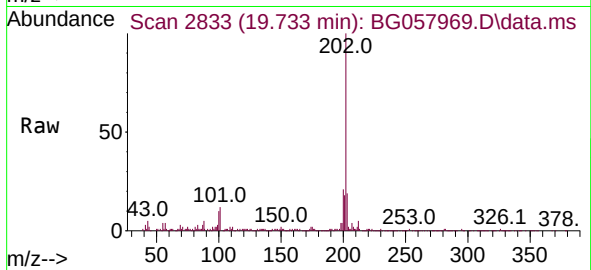
Tgt Ion:202 Resp: 94978
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.2 15.2
 100 10.1 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 3.151 ng/ul

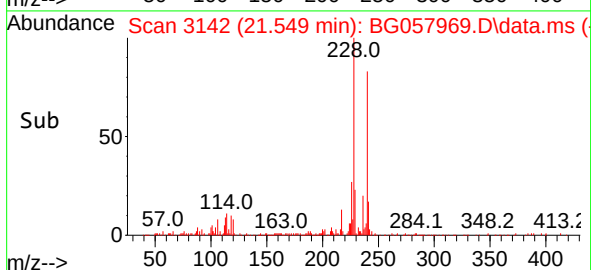
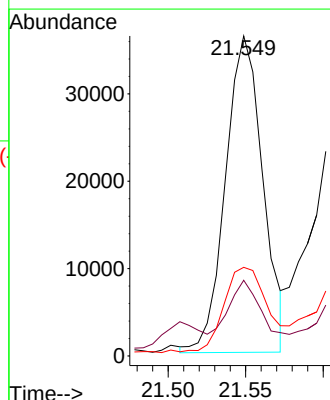
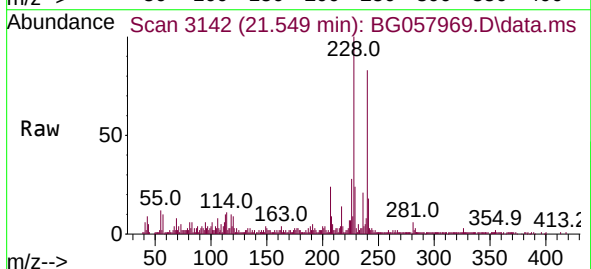
RT: 21.549 min Scan# 3142

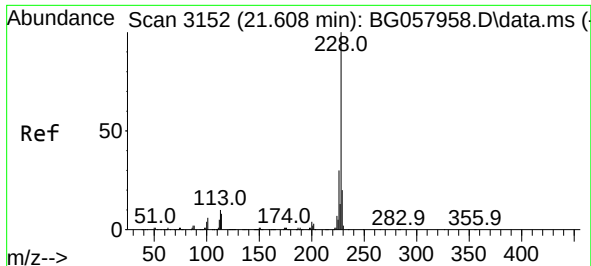
Delta R.T. 0.006 min

Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

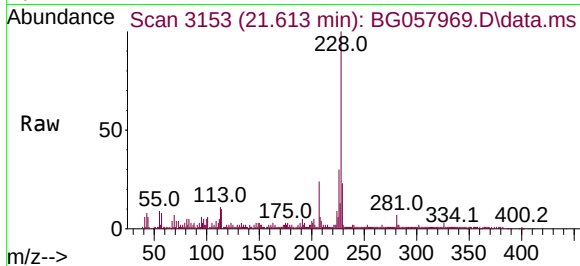
Tgt Ion:228 Resp: 60743
 Ion Ratio Lower Upper
 228 100
 229 23.6 16.0 24.0
 226 27.7 22.0 33.0





#87
Chrysene
Concen: 3.881 ng/ul
RT: 21.613 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG057969.D
Acq: 4 Jul 2023 00:45

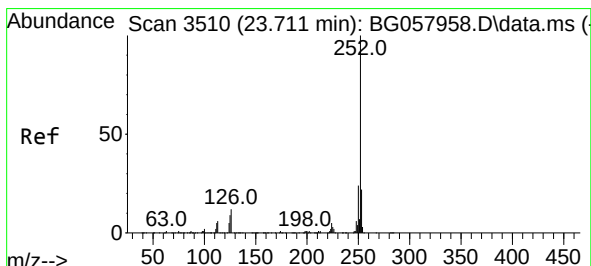
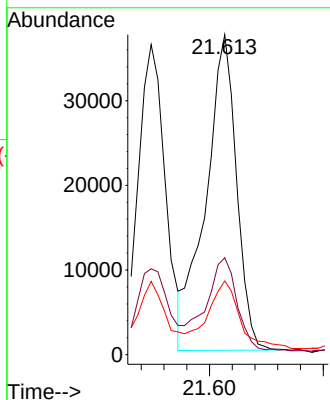
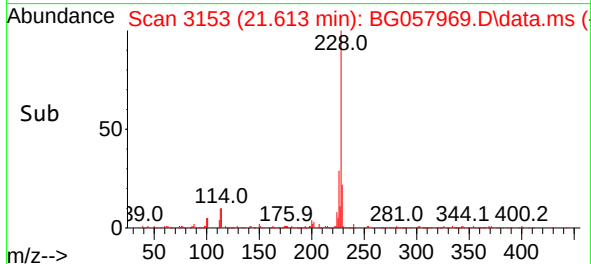
Instrument :
BNA_G
ClientSampleId :
DCGJ8



Tgt Ion:228 Resp: 70140
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 23.1 15.5 23.3

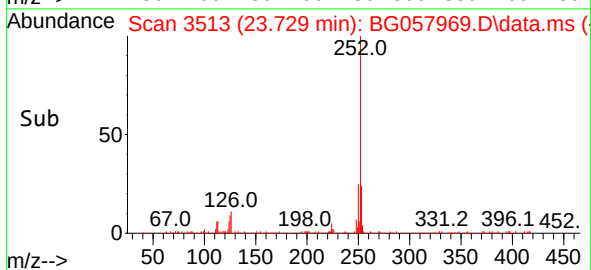
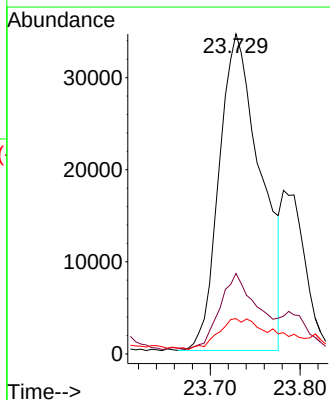
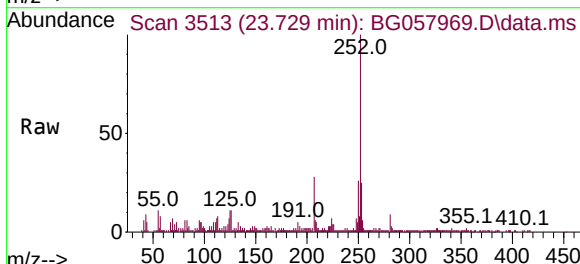
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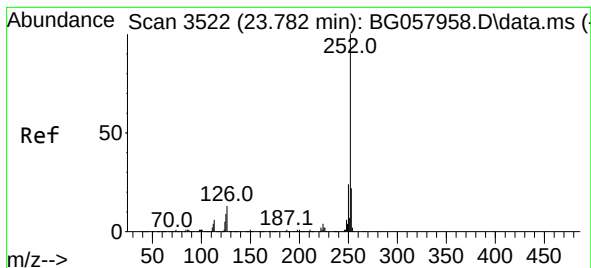
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 5.415 ng/ul
RT: 23.729 min Scan# 3513
Delta R.T. 0.017 min
Lab File: BG057969.D
Acq: 4 Jul 2023 00:45

Tgt Ion:252 Resp: 110498
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 11.0 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.610 ng/ul m

RT: 23.781 min Scan# 3522

Delta R.T. 0.006 min

Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

Instrument :

BNA_G

ClientSampleId :

DCGJ8

Tgt Ion:252 Resp: 3219

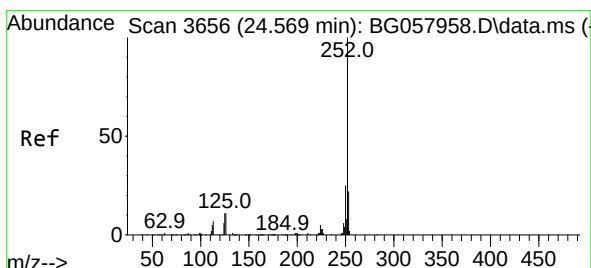
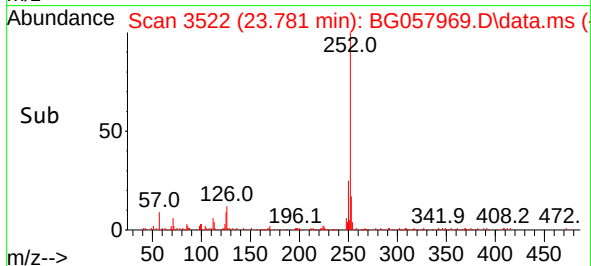
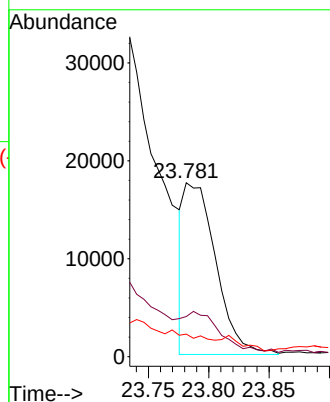
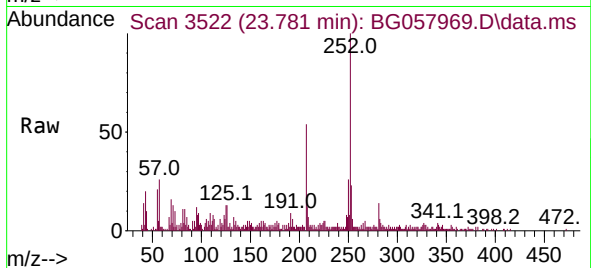
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	13.0	7.4	11.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.686 ng/ul

RT: 24.580 min Scan# 3658

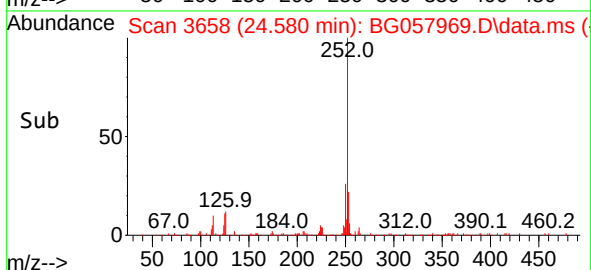
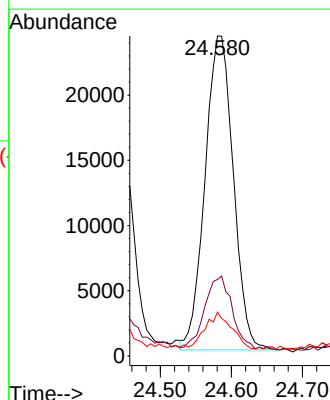
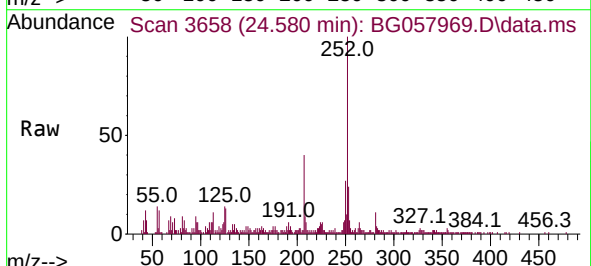
Delta R.T. 0.012 min

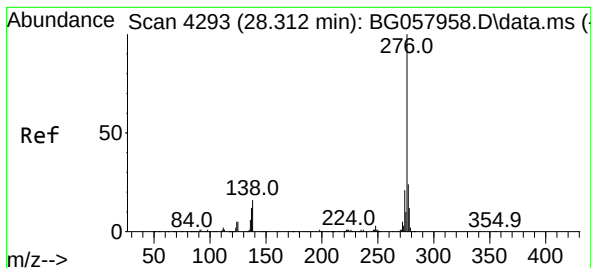
Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

Tgt Ion:252 Resp: 66573

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	13.7	8.3	12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.273 ng/ul m

RT: 28.335 min Scan# 4297

Delta R.T. 0.029 min

Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

Instrument :

BNA_G

ClientSampleId :

DCGJ8

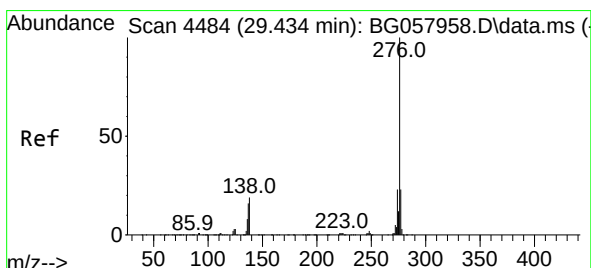
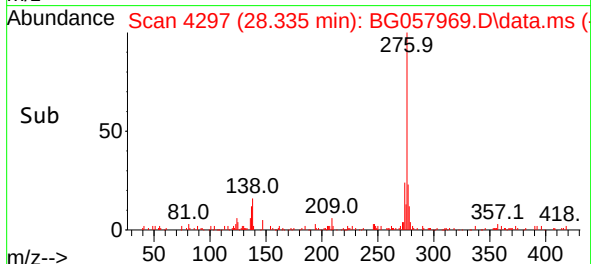
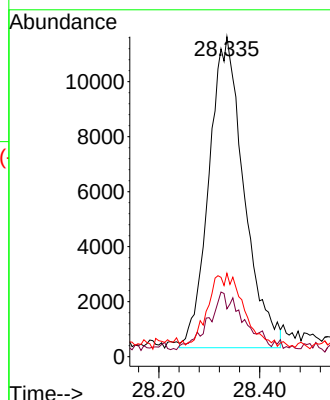
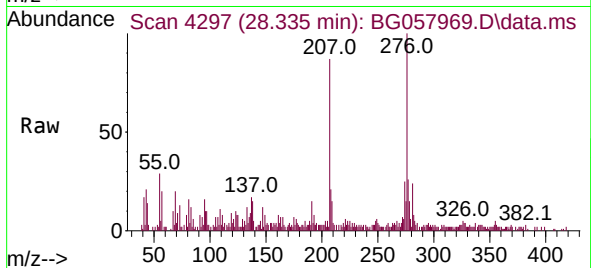
Tgt Ion:	276	Resp:	5450
Ion Ratio	Lower	Upper	
276	100		
138	14.9	14.0	21.0
277	26.0	19.4	29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 2.529 ng/ul m

RT: 29.451 min Scan# 4487

Delta R.T. 0.023 min

Lab File: BG057969.D

Acq: 4 Jul 2023 00:45

Tgt Ion:	276	Resp:	49536
Ion Ratio	Lower	Upper	
276	100		
138	21.2	14.2	21.2
277	22.7	18.6	27.8

