

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057966.D
 Acq On : 3 Jul 2023 22:38
 Operator : CG/JU
 Sample : 03247-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL5

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 04:25:26 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	7.936	152	46726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.739	136	221332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	151788	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	329259	20.000	ng/u1	0.00
79) Chrysene-d12	21.567	240	268672	20.000	ng/u1	0.00
88) Perylene-d12	24.734	264	329715	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	2907	2.179	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.102	99	71446	14.972	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	46102	16.032	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	54272	16.490	ng/u1	0.00
15) 4-Methylphenol-d8	8.641	113	33740	9.371	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	28777	15.952	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	32072	16.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	60742	16.701	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	16855	3.057	ng/u1	0.01
46) Dimethylphthalate-d6	13.976	166	206768	17.265	ng/u1	0.00
49) Acenaphthylene-d8	14.264	160	236976	18.133	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	29523	13.953	ng/u1	0.00
60) Fluorene-d10	15.562	176	184103	18.101	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	22588	12.634	ng/u1	0.00
73) Anthracene-d10	17.413	188	249979	16.362	ng/u1	0.00
81) Pyrene-d10	19.699	212	315046	18.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.511	264	309605	18.431	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.354	178	122413	7.309	ng/u1	100
74) Anthracene	17.442	178	22810	1.346	ng/u1	96
80) Fluoranthene	19.364	202	196016	9.997	ng/u1#	91
82) Pyrene	19.728	202	164075	8.313	ng/u1	99
85) Benzo(a)anthracene	21.549	228	100713	5.221	ng/u1	99
87) Chrysene	21.614	228	99672	5.512	ng/u1	97
90) Benzo(b)fluoranthene	23.723	252	153130	7.501	ng/u1	97
91) Benzo(k)fluoranthene	23.788	252	47653m	2.381	ng/u1	
93) Benzo(a)pyrene	24.575	252	94697	5.241	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.330	276	75653	3.153	ng/u1	99
95) Dibenzo(a,h)anthracene	28.365	278	20815m	1.052	ng/u1	
96) Benzo(g,h,i)perylene	29.452	276	67879m	3.463	ng/u1	

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

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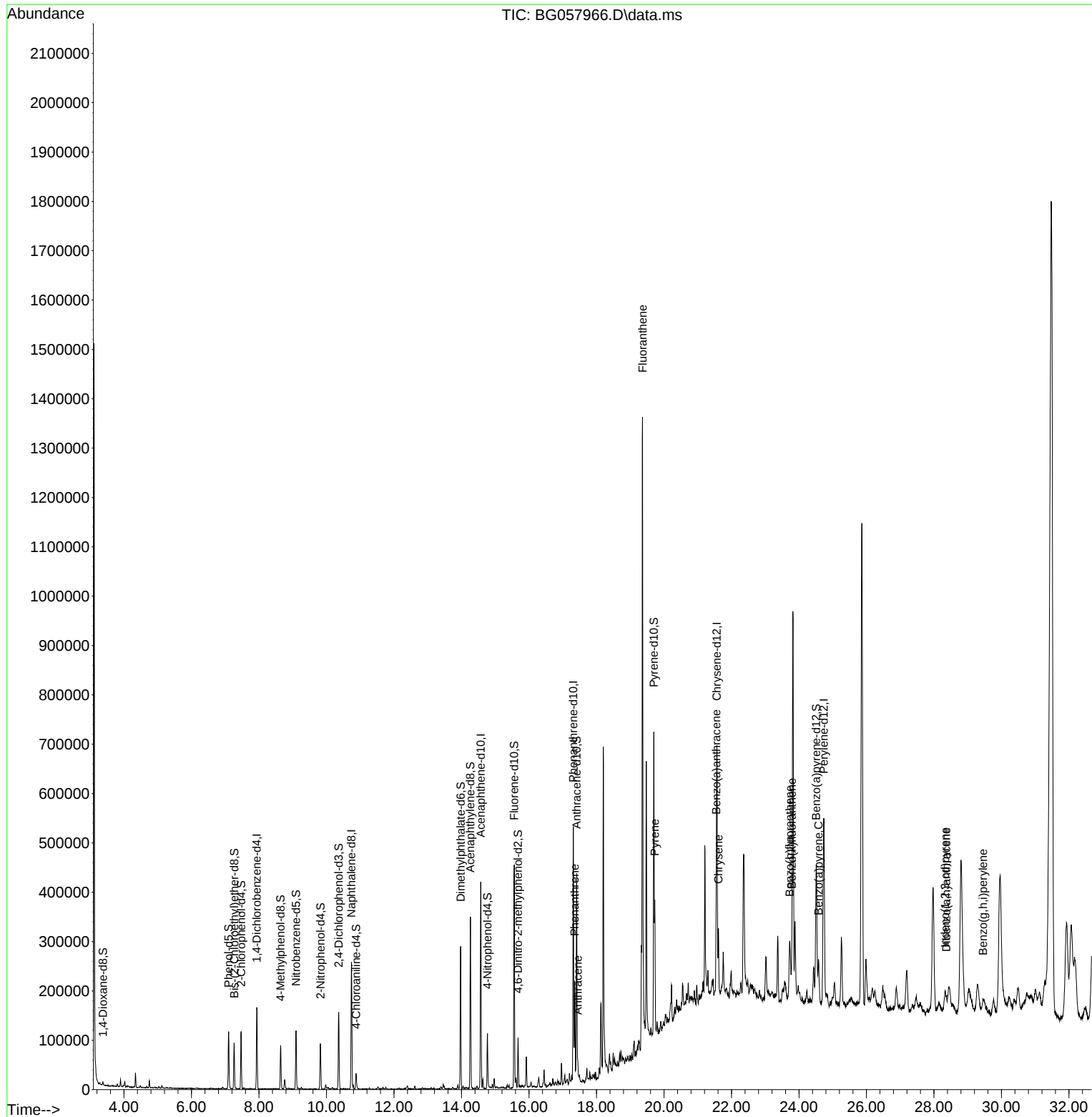
Quant Time: Jul 04 04:25:26 2023

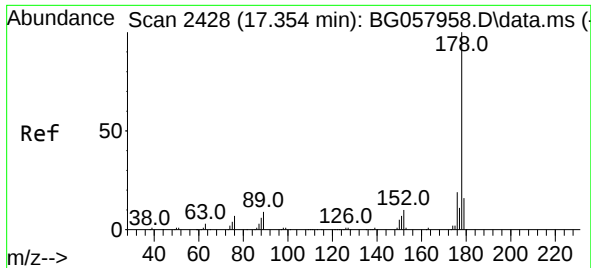
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Jul 02 07:50:15 2023

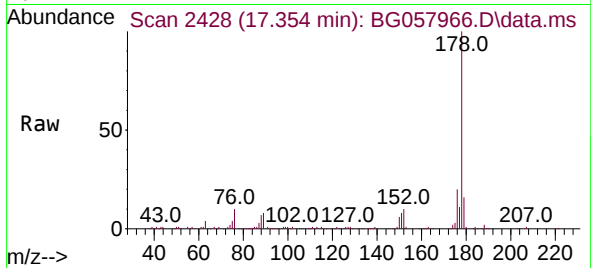
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.309 ng/u1
RT: 17.354 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

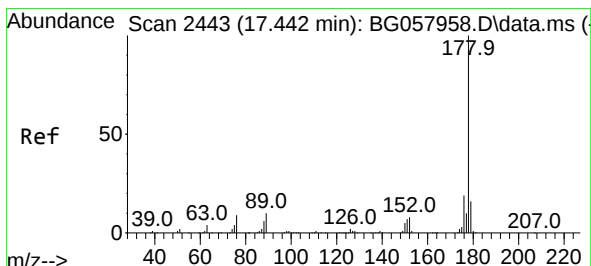
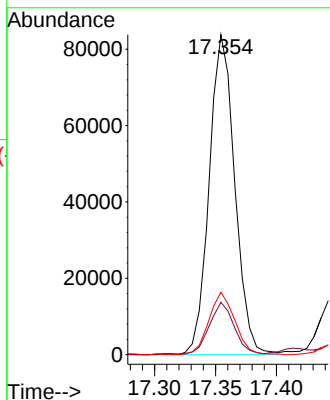
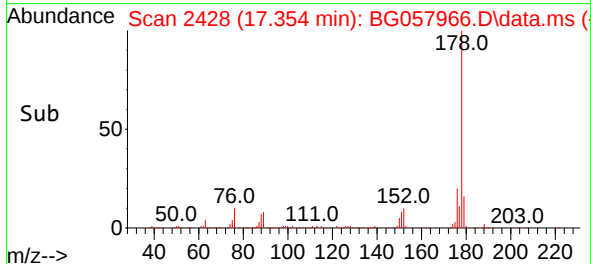
Instrument :
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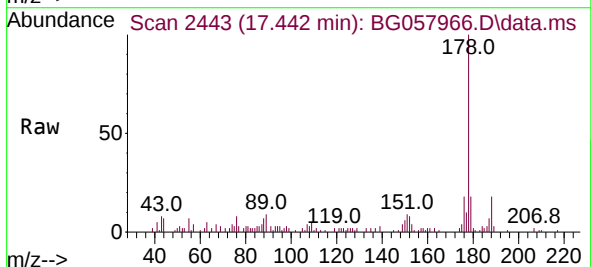
Tgt Ion:178 Resp: 12241
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.5 15.7 23.5

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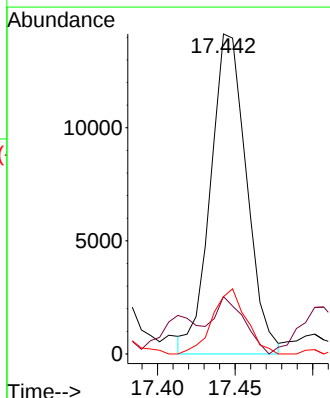
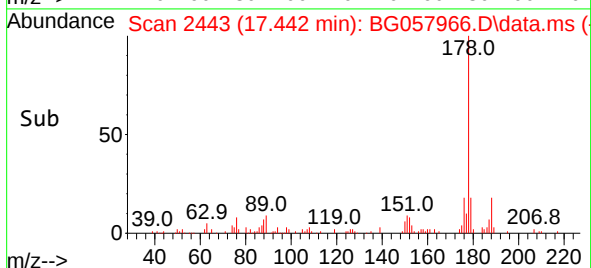
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

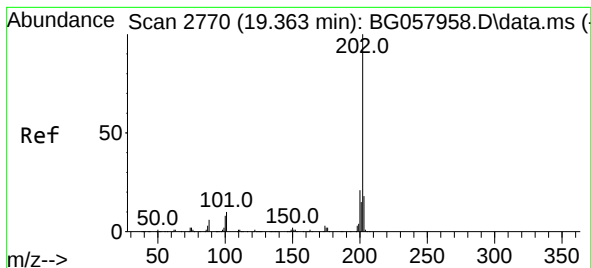


#74
Anthracene
Concen: 1.346 ng/u1
RT: 17.442 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38



Tgt Ion:178 Resp: 22810
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 17.9 15.4 23.2





#80

Fluoranthene

Concen: 9.997 ng/ul

RT: 19.364 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057966.D

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Instrument :

BNA_G

ClientSampleId :

DCGL5

Tgt Ion:202 Resp: 196010

Ion Ratio Lower Upper

202 100

101 16.0 9.1 13.7

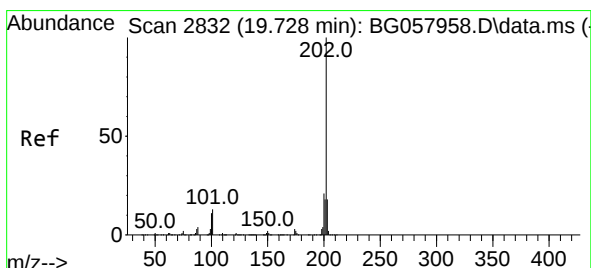
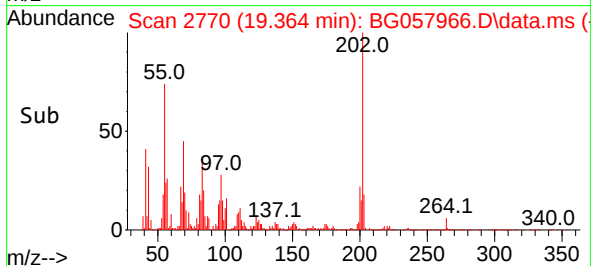
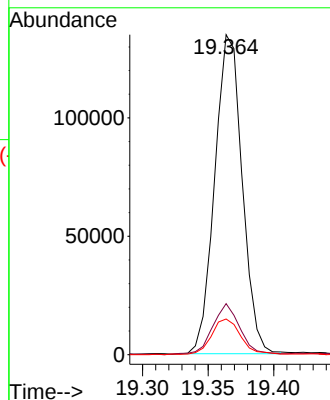
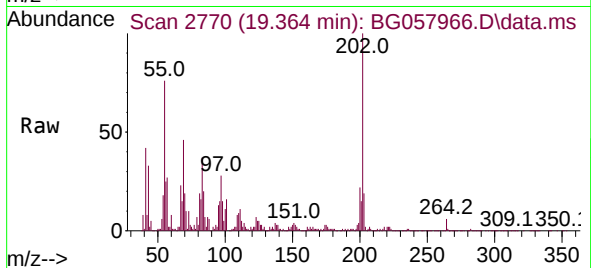
100 11.1 7.1 10.7

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#82

Pyrene

Concen: 8.313 ng/ul

RT: 19.728 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

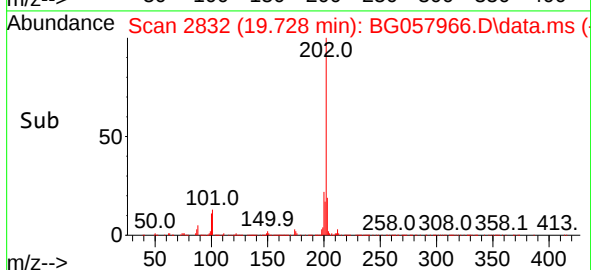
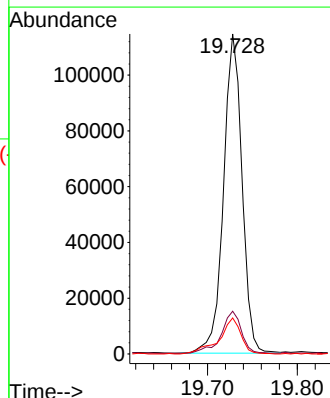
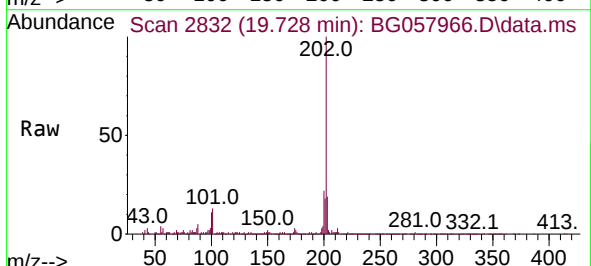
Tgt Ion:202 Resp: 164075

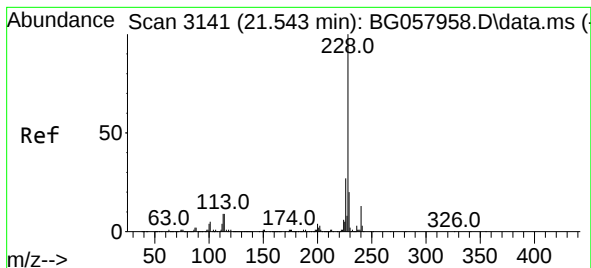
Ion Ratio Lower Upper

202 100

101 13.4 10.2 15.2

100 11.2 8.9 13.3





#85

Benzo(a)anthracene

Concen: 5.221 ng/ul

RT: 21.549 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

Instrument :

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ClientSampleId :

DCGL5

Tgt Ion:228 Resp: 10071

Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

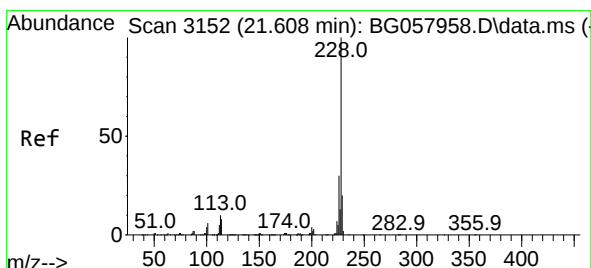
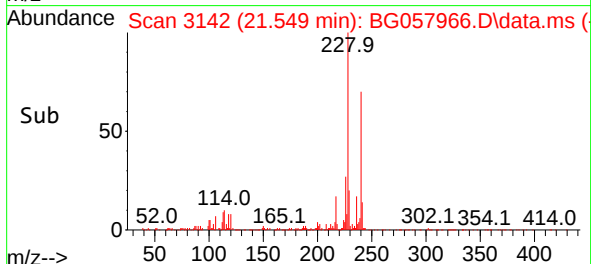
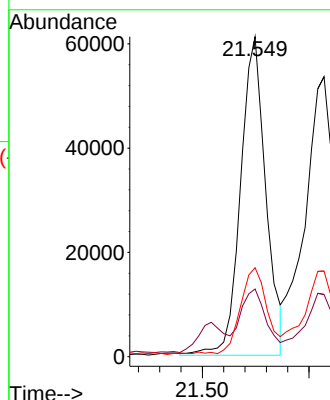
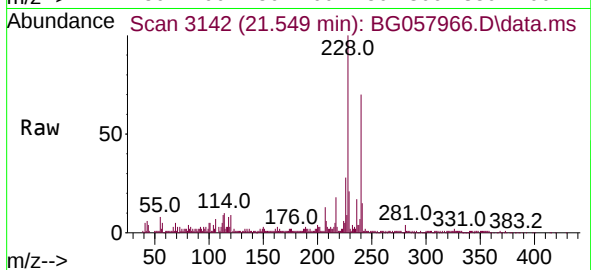
226 27.8 22.0 33.0

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#87

Chrysene

Concen: 5.512 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

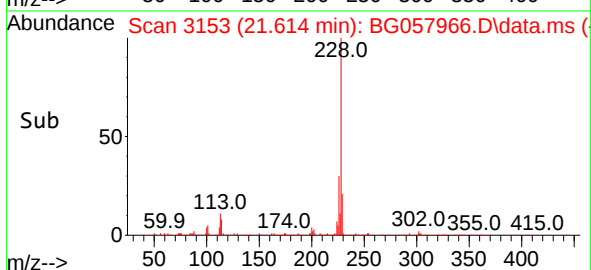
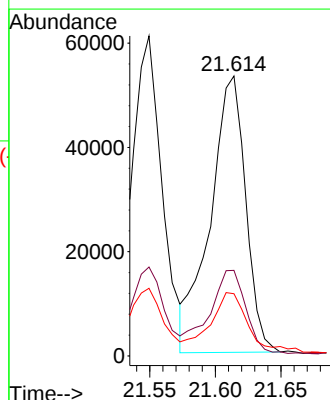
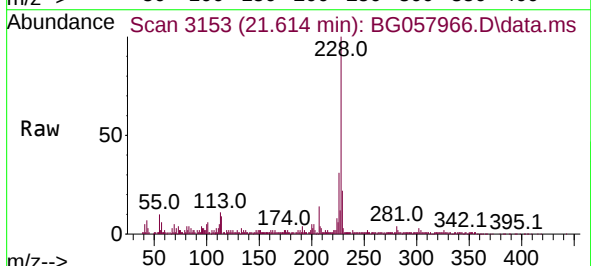
Tgt Ion:228 Resp: 99672

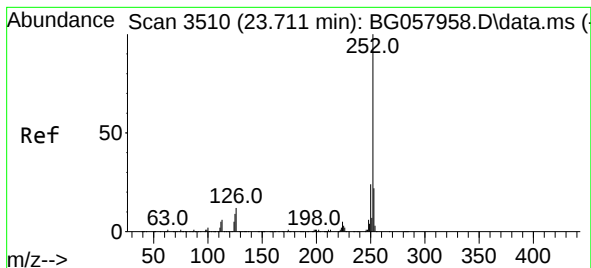
Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 22.2 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 7.501 ng/ul

RT: 23.723 min Scan# 3512

Delta R.T. 0.012 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

Instrument :

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ClientSampleId :

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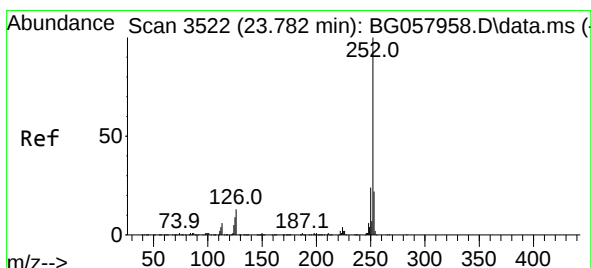
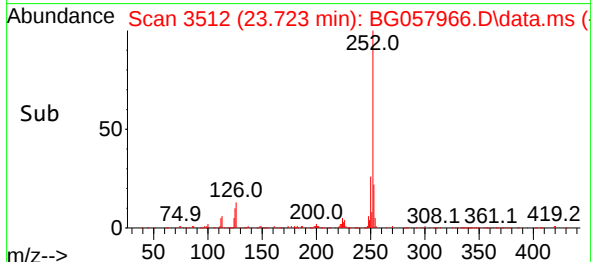
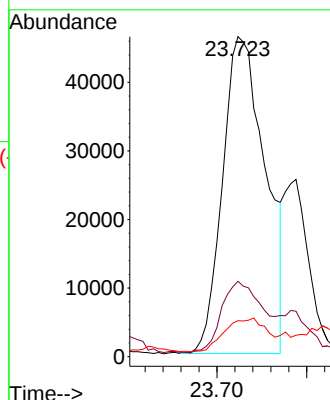
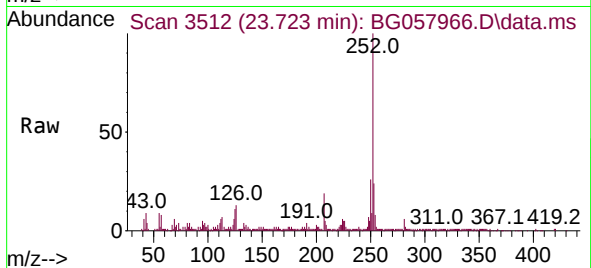
Tgt Ion:252 Resp: 153130
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.1 27.1
 125 11.3 7.5 11.3

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.381 ng/ul m

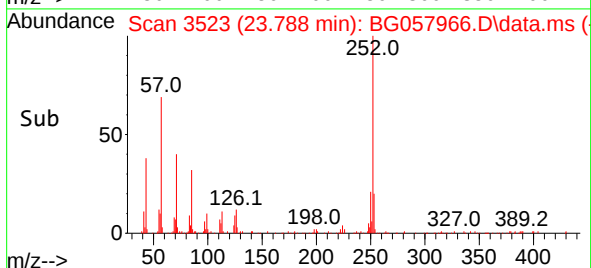
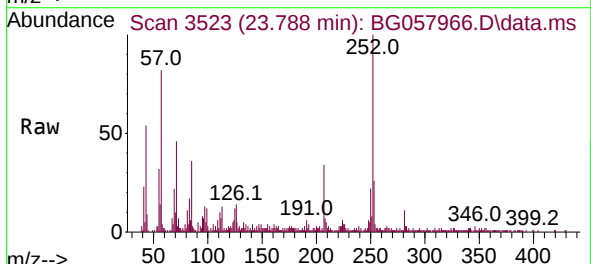
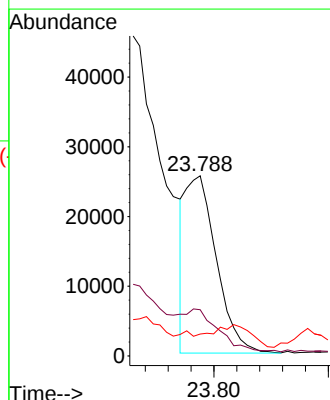
RT: 23.788 min Scan# 3523

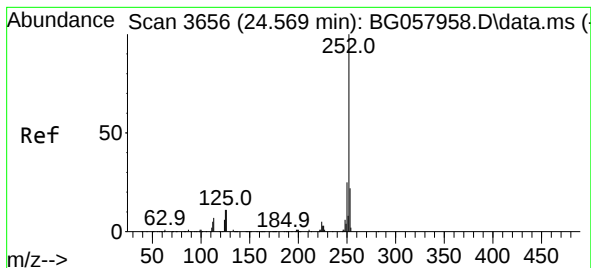
Delta R.T. 0.012 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

Tgt Ion:252 Resp: 47653
 Ion Ratio Lower Upper
 252 100
 253 25.6 17.7 26.5
 125 12.1 7.4 11.2#





#93

Benzo(a)pyrene

Concen: 5.241 ng/ul

RT: 24.575 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG057966.D

Acq: 3 Jul 2023 22:38

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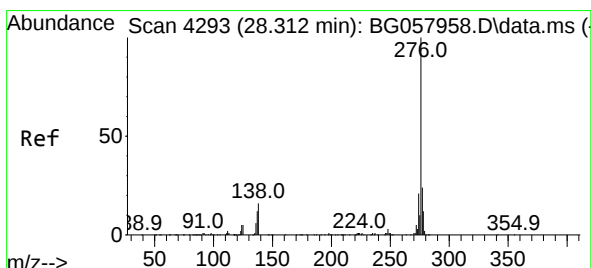
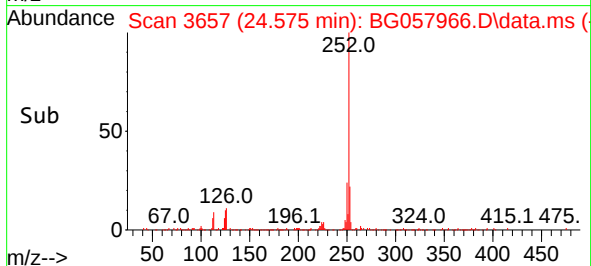
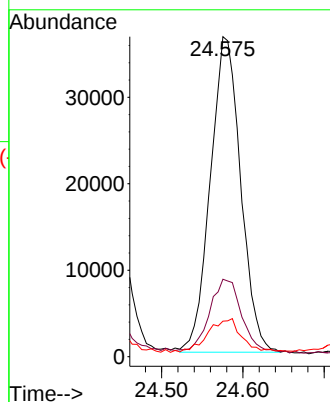
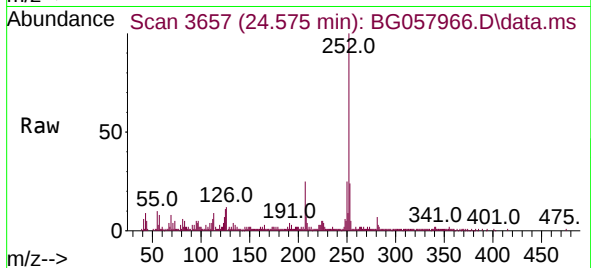
Tgt Ion:	252	Resp:	9469
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.6
125	11.1	8.3	12.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.153 ng/ul

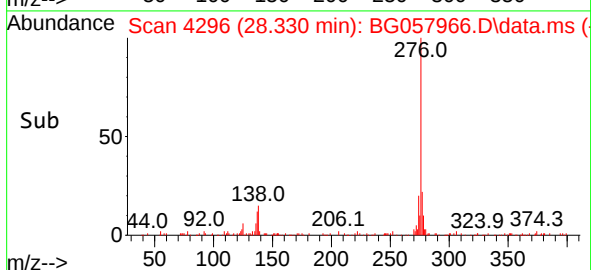
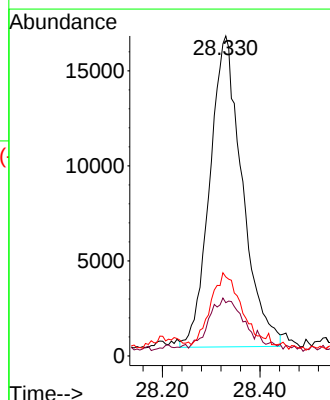
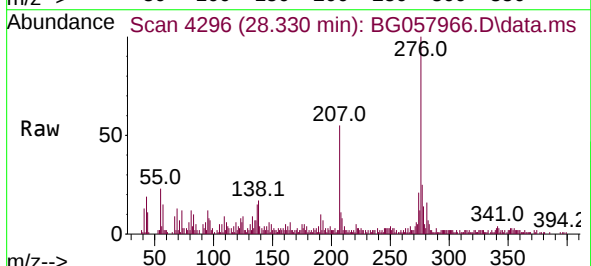
RT: 28.330 min Scan# 4296

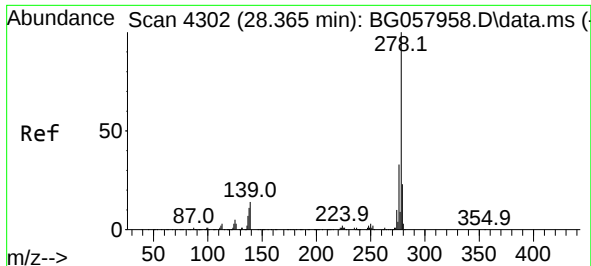
Delta R.T. 0.024 min

Lab File: BG057966.D

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Tgt Ion:	276	Resp:	75653
Ion Ratio	Lower	Upper	
276	100		
138	16.7	14.0	21.0
277	24.7	19.4	29.2





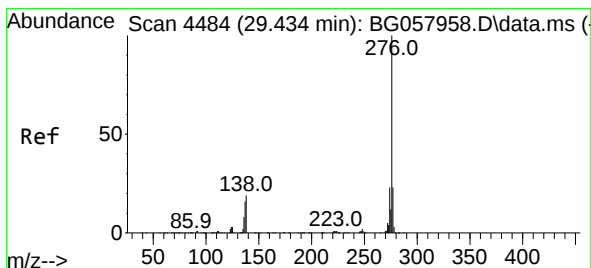
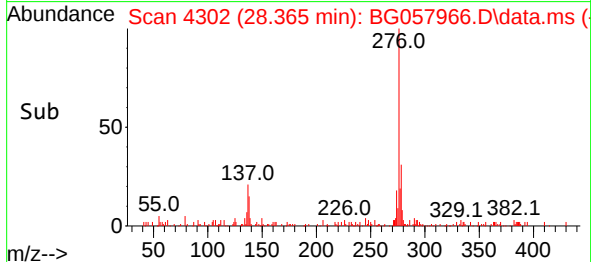
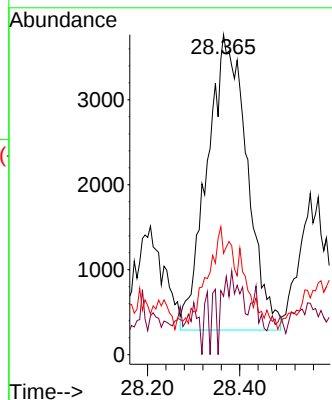
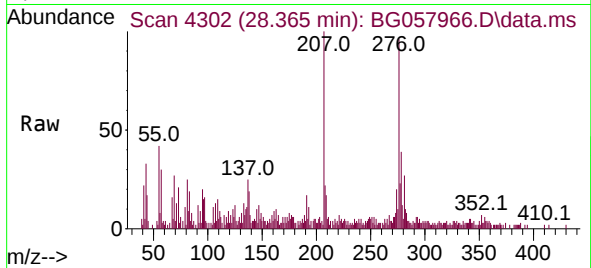
#95
Dibenzo(a,h)anthracene
Concen: 1.052 ng/ul m
RT: 28.365 min Scan# 4302
Delta R.T. -0.005 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
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Tgt Ion:278 Resp: 2081
Ion Ratio Lower Upper
278 100
139 18.2 11.3 16.9
279 31.7 18.9 28.3

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Supervised By :mohammad ahmed 07/04/2023



#96
Benzo(g,h,i)perylene
Concen: 3.463 ng/ul m
RT: 29.452 min Scan# 4487
Delta R.T. 0.024 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:276 Resp: 67879
Ion Ratio Lower Upper
276 100
138 17.4 14.2 21.2
277 23.9 18.6 27.8

