

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057962.D
 Acq On : 3 Jul 2023 19:48
 Operator : CG/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK5

Manual Integrations APPROVED

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

Supervised By :mohammad
 ahmed
 07/04/2023

Quant Time: Jul 04 03:57:42 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	7.935	152	40811	20.000	ng/u1	0.00
20) Naphthalene-d8	10.737	136	199478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.568	164	145617	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.312	188	323641	20.000	ng/u1	0.00
79) Chrysene-d12	21.560	240	260959	20.000	ng/u1	0.00
88) Perylene-d12	24.727	264	317039	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4753	4.078	ng/uL	0.00
4) Pyridine-d5	3.781	84	57134	16.147	ng/u1	0.00
7) Phenol-d5	7.094	99	109829	26.352	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	62304	24.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	78091	27.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	76768	24.411	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	40565	24.950	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	44273	25.910	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	89384	27.268	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	18110	3.644	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	297925	25.930	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	343800	27.422	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	41611	20.499	ng/u1	0.00
60) Fluorene-d10	15.561	176	268217	27.488	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	34260	19.495	ng/u1	0.00
73) Anthracene-d10	17.406	188	383502	25.537	ng/u1	0.00
81) Pyrene-d10	19.697	212	457168	27.816	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.503	264	452754	28.030	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.353	178	63861	3.879	ng/u1	98
80) Fluoranthene	19.362	202	203375	10.679	ng/u1	99
82) Pyrene	19.727	202	178733	9.324	ng/u1	99
85) Benzo(a)anthracene	21.548	228	104441	5.574	ng/u1	98
87) Chrysene	21.607	228	125847	7.165	ng/u1	96
90) Benzo(b)fluoranthene	23.722	252	201502	10.265	ng/u1	97
91) Benzo(k)fluoranthene	23.781	252	82076m	4.266	ng/u1	
93) Benzo(a)pyrene	24.568	252	131167	7.549	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.323	276	119147	5.164	ng/u1	98
95) Dibenzo(a,h)anthracene	28.370	278	30157m	1.585	ng/u1	
96) Benzo(g,h,i)perylene	29.451	276	98750	5.240	ng/u1	99

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

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ALS Vial : 18 Sample Multiplier: 1

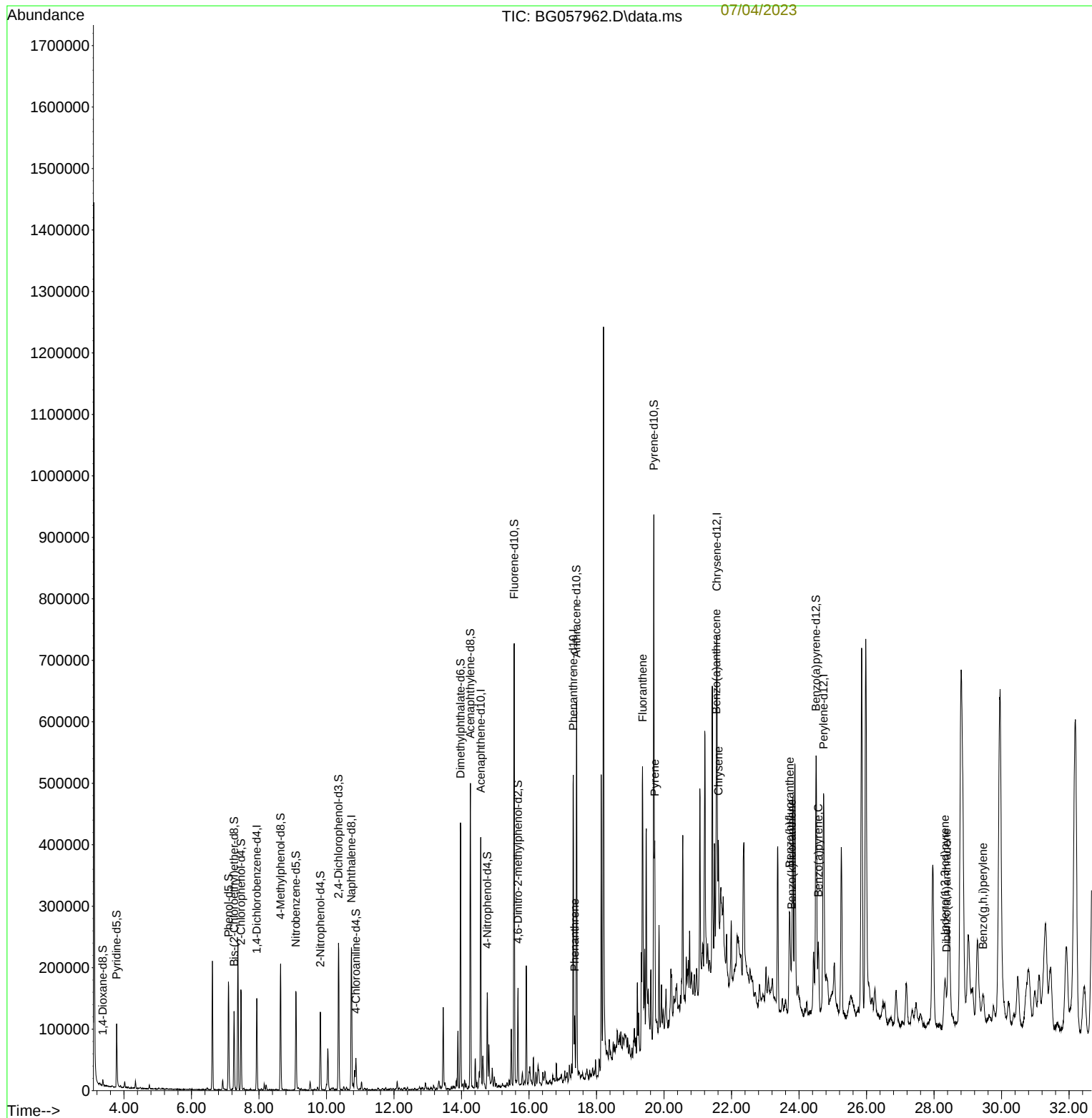
Instrument :
BNA_G
ClientSampleId :
DCGK5

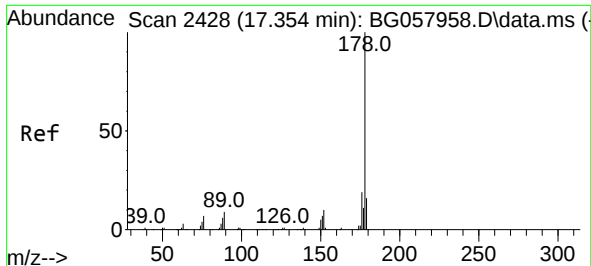
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ahmed
07/04/2023

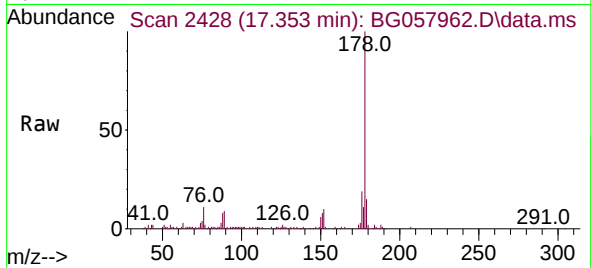
Quant Time: Jul 04 03:57:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.879 ng/ul
RT: 17.353 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

Instrument :
BNA_G
ClientSampleId :
DCGK5

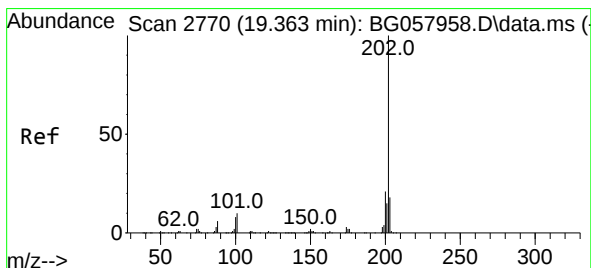
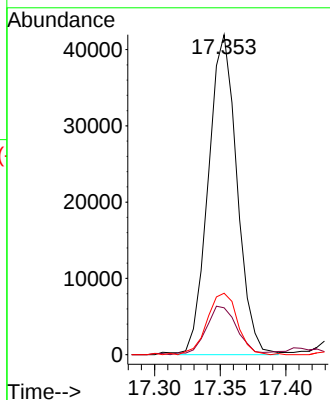
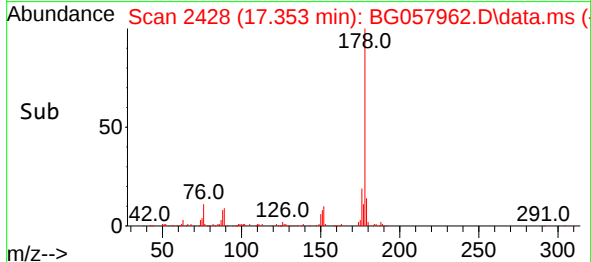


Tgt Ion:178 Resp: 6386
Ion Ratio Lower Upper
178 100
179 14.6 12.8 19.2
176 19.2 15.7 23.5

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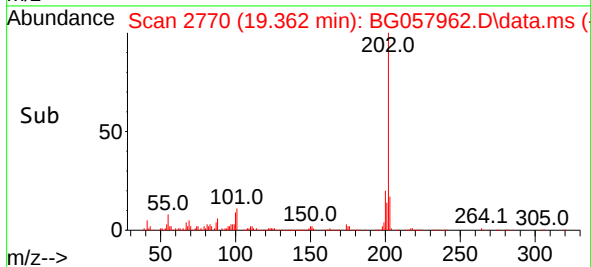
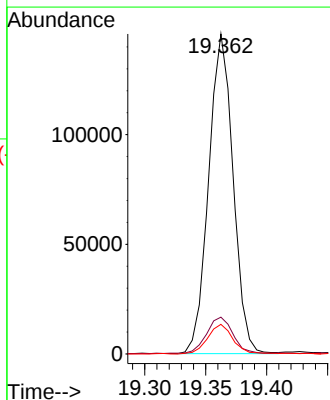
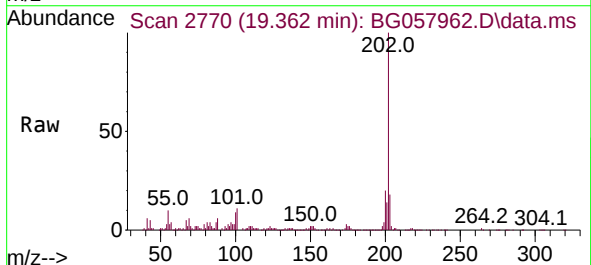
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

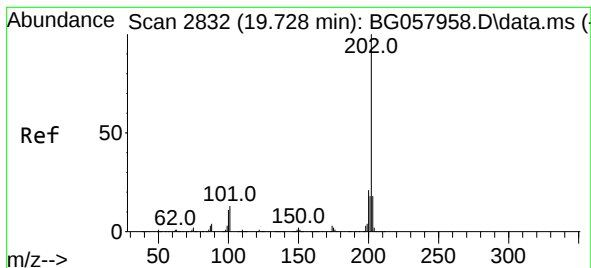
Supervised By :mohammad
ahmed
07/04/2023



#80
Fluoranthene
Concen: 10.679 ng/ul
RT: 19.362 min Scan# 2770
Delta R.T. 0.005 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

Tgt Ion:202 Resp: 203375
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 9.2 7.1 10.7





#82

Pyrene

Concen: 9.324 ng/ul

RT: 19.727 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_G

ClientSampleId :

DCGK5

Tgt Ion:202 Resp: 178733
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.2 15.2
 100 10.1 8.9 13.3

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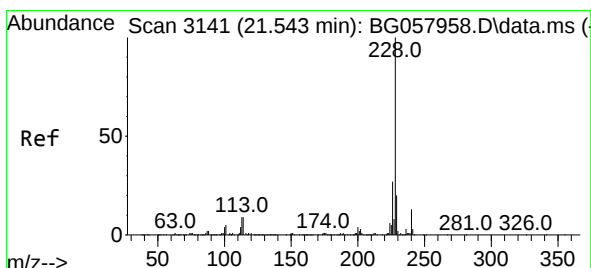
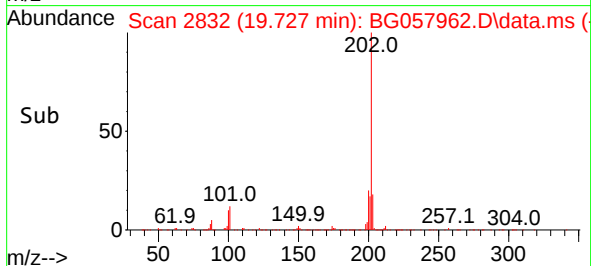
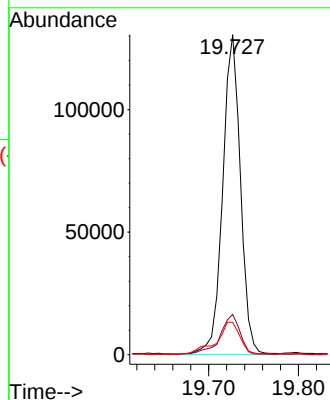
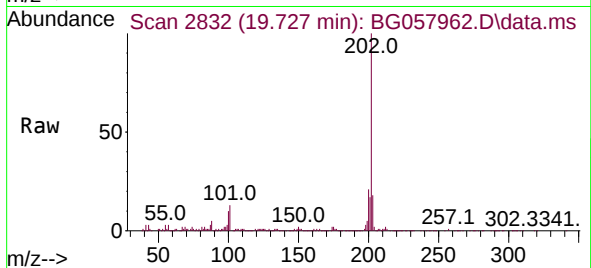
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#85

Benzo(a)anthracene

Concen: 5.574 ng/ul

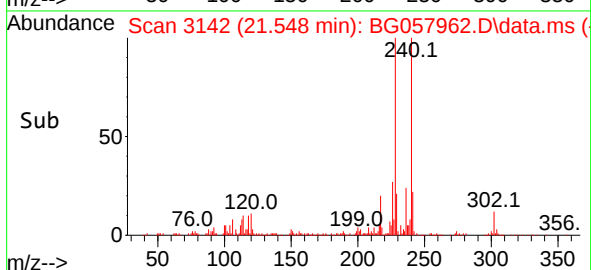
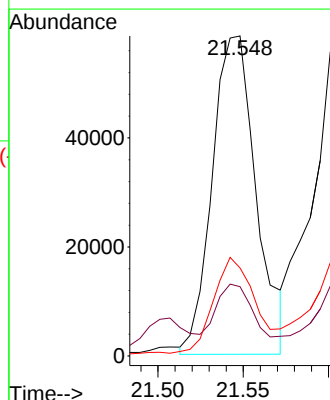
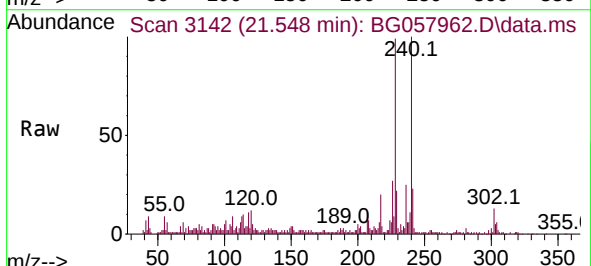
RT: 21.548 min Scan# 3142

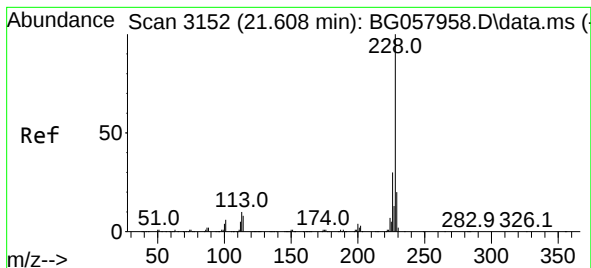
Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Tgt Ion:228 Resp: 104441
 Ion Ratio Lower Upper
 228 100
 229 21.7 16.0 24.0
 226 27.5 22.0 33.0





#87

Chrysene

Concen: 7.165 ng/ul

RT: 21.607 min Scan# 3152

Delta R.T. -0.001 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_G

ClientSampleId :

DCGK5

Tgt Ion:	228	Resp:	12584
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.4	36.6
229	22.6	15.5	23.3

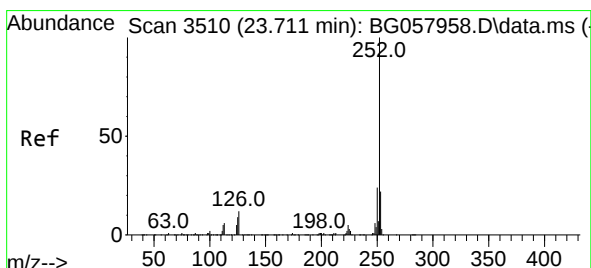
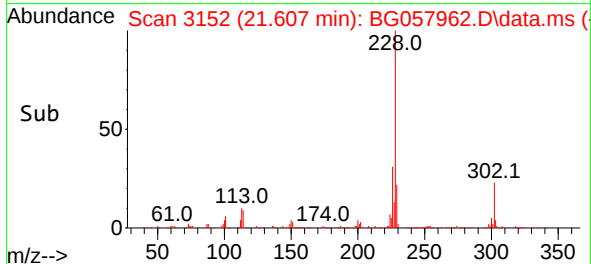
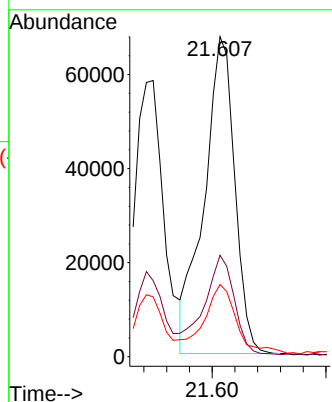
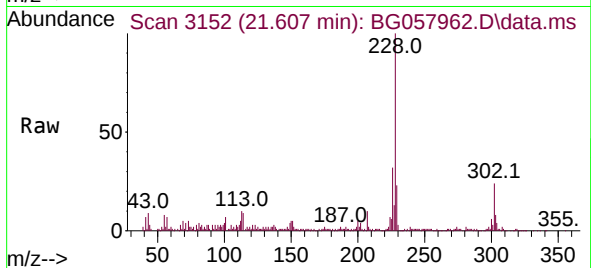
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#90

Benzo(b)fluoranthene

Concen: 10.265 ng/ul

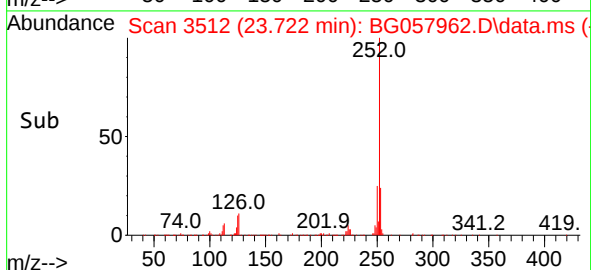
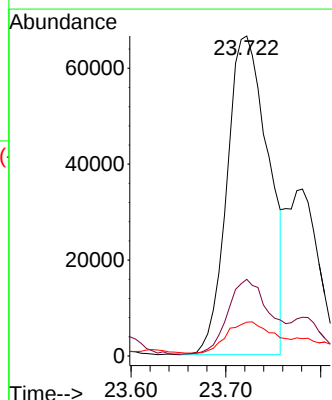
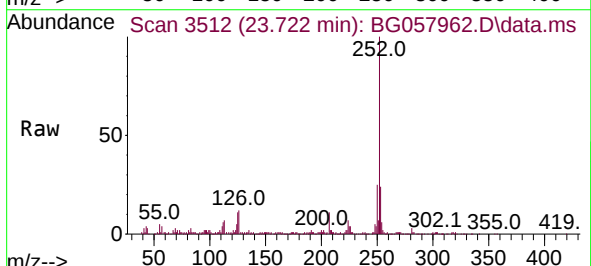
RT: 23.722 min Scan# 3512

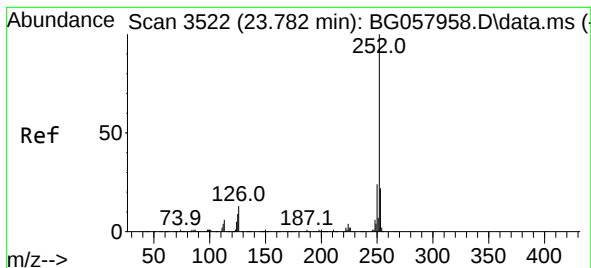
Delta R.T. 0.011 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Tgt Ion:	252	Resp:	201502
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	10.6	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 4.266 ng/ul m

RT: 23.781 min Scan# 3522

Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_G

ClientSampleId :

DCGK5

Tgt Ion:	252	Resp:	82070
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	10.4	7.4	11.2

Manual Integrations

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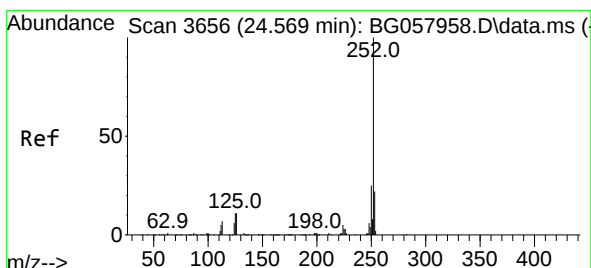
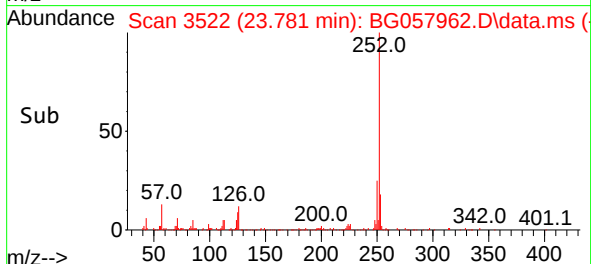
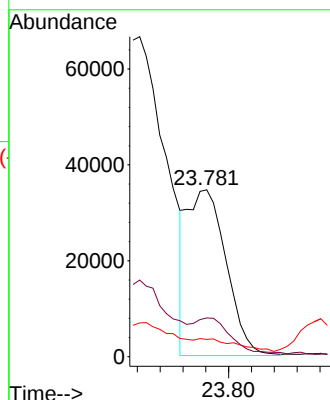
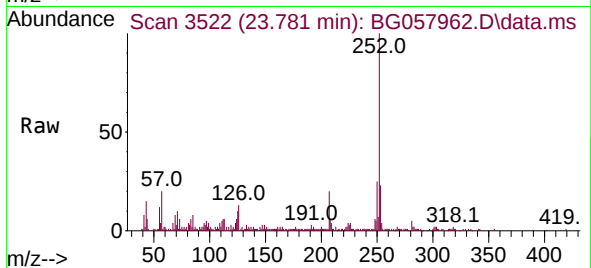
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Supervised By :mohammad

ahmed

07/04/2023



#93

Benzo(a)pyrene

Concen: 7.549 ng/ul

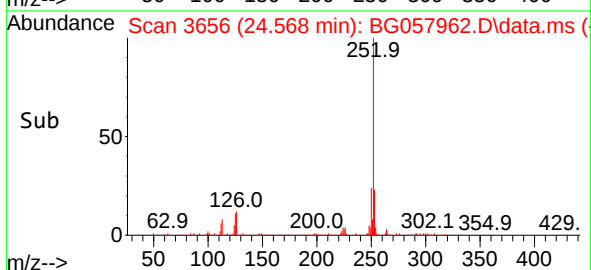
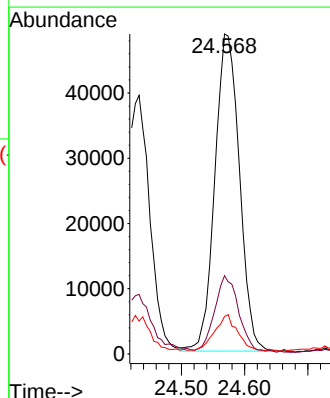
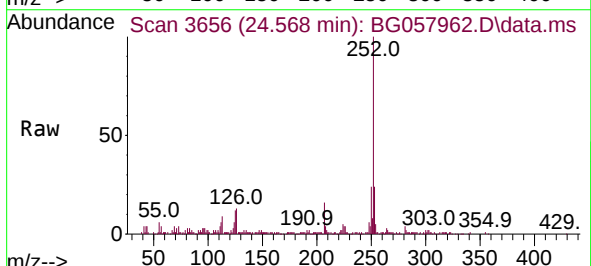
RT: 24.568 min Scan# 3656

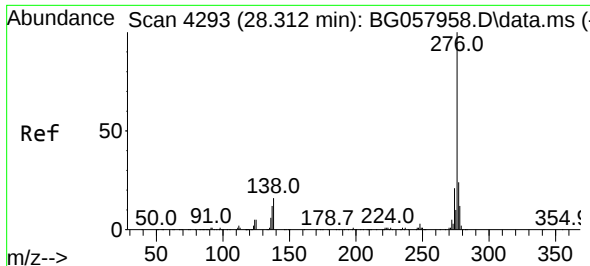
Delta R.T. -0.001 min

Lab File: BG057962.D

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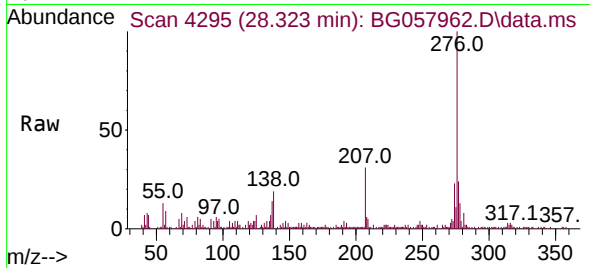
Tgt Ion:	252	Resp:	131167
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.6
125	11.7	8.3	12.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.164 ng/ul
RT: 28.323 min Scan# 4293
Delta R.T. 0.017 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

Instrument :
BNA_G
ClientSampleId :
DCGK5

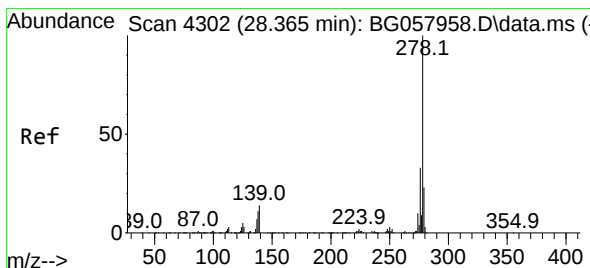
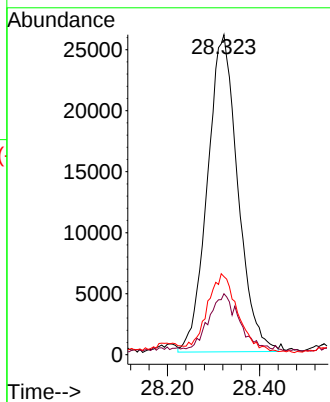
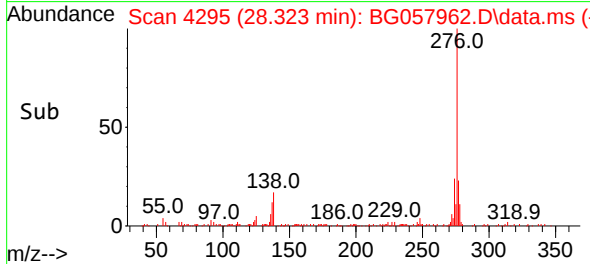


Tgt Ion: 276 Resp: 11914
Ion Ratio Lower Upper
276 100
138 19.0 14.0 21.0
277 24.4 19.4 29.2

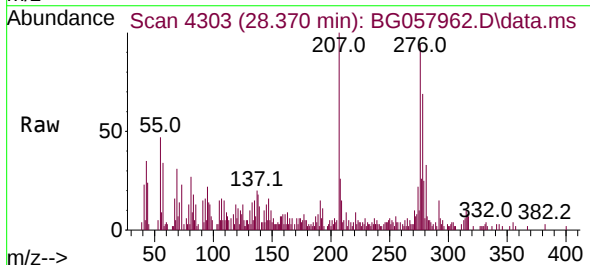
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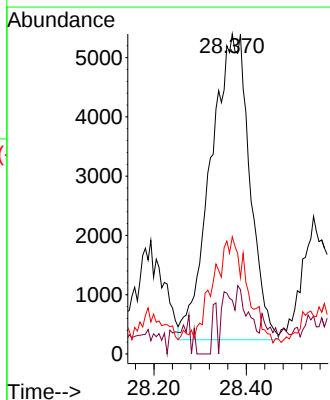
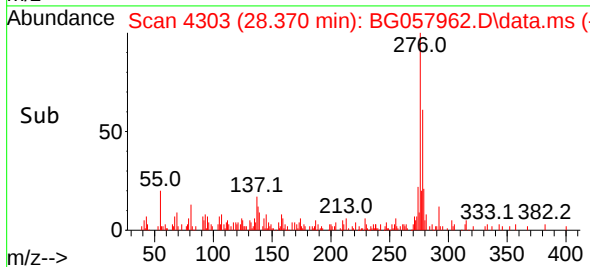
Supervised By :mohammad
ahmed
07/04/2023

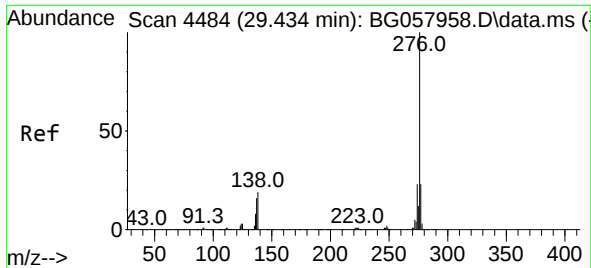


#95
Dibenzo(a,h)anthracene
Concen: 1.585 ng/ul m
RT: 28.370 min Scan# 4303
Delta R.T. -0.001 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48



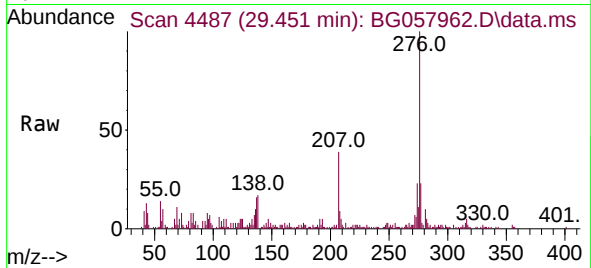
Tgt Ion: 278 Resp: 30157
Ion Ratio Lower Upper
278 100
139 16.8 11.3 16.9
279 36.6 18.9 28.3#





#96
Benzo(g,h,i)perylene
Concen: 5.240 ng/ul
RT: 29.451 min Scan# 4487
Delta R.T. 0.023 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

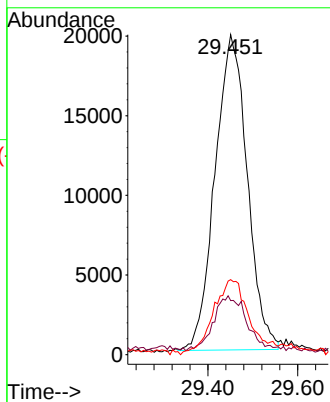
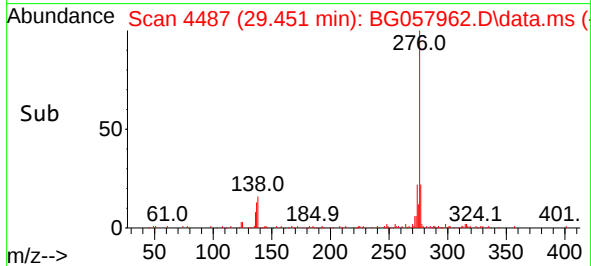
Instrument :
BNA_G
ClientSampleId :
DCGK5



Tgt Ion:276 Resp: 98750
Ion Ratio Lower Upper
276 100
138 16.9 14.2 21.2
277 23.5 18.6 27.8

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ahmed
07/04/2023