

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057979.D
 Acq On : 4 Jul 2023 8:26
 Operator : CG/JU
 Sample : 03247-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 09:04:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	65275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	299593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	196361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	424850	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	348330	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	434441	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	6043	3.242	ng/uL	0.00
4) Pyridine-d5	3.787	84	67294	11.891	ng/u1	0.00
7) Phenol-d5	7.101	99	125685	18.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	81009	20.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	95261	20.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	64831	12.889	ng/u1	0.00
21) Nitrobenzene-d5	9.098	128	52512	21.505	ng/u1	0.00
24) 2-Nitrophenol-d4	9.821	143	56102	21.861	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	101229	20.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	45159	6.050	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	332067	21.433	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	386071	22.835	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	43040	15.724	ng/u1	0.00
60) Fluorene-d10	15.562	176	293851	22.333	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	39900	17.296	ng/u1	0.00
73) Anthracene-d10	17.412	188	411907	20.894	ng/u1	0.00
81) Pyrene-d10	19.704	212	514305	23.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	515151	23.274	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.359	178	60869	2.817	ng/u1	99
80) Fluoranthene	19.369	202	186041	7.319	ng/u1	99
82) Pyrene	19.733	202	167924	6.562	ng/u1	97
85) Benzo(a)anthracene	21.549	228	112278	4.489	ng/u1	95
87) Chrysene	21.613	228	139756	5.961	ng/u1	96
90) Benzo(b)fluoranthene	23.734	252	224876	8.360	ng/u1#	98
91) Benzo(k)fluoranthene	23.787	252	67747m	2.569	ng/u1	
93) Benzo(a)pyrene	24.592	252	126946	5.332	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.341	276	98754	3.124	ng/u1	97
95) Dibenzo(a,h)anthracene	28.370	278	27556m	1.057	ng/u1	
96) Benzo(g,h,i)perylene	29.480	276	93730m	3.630	ng/u1	

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

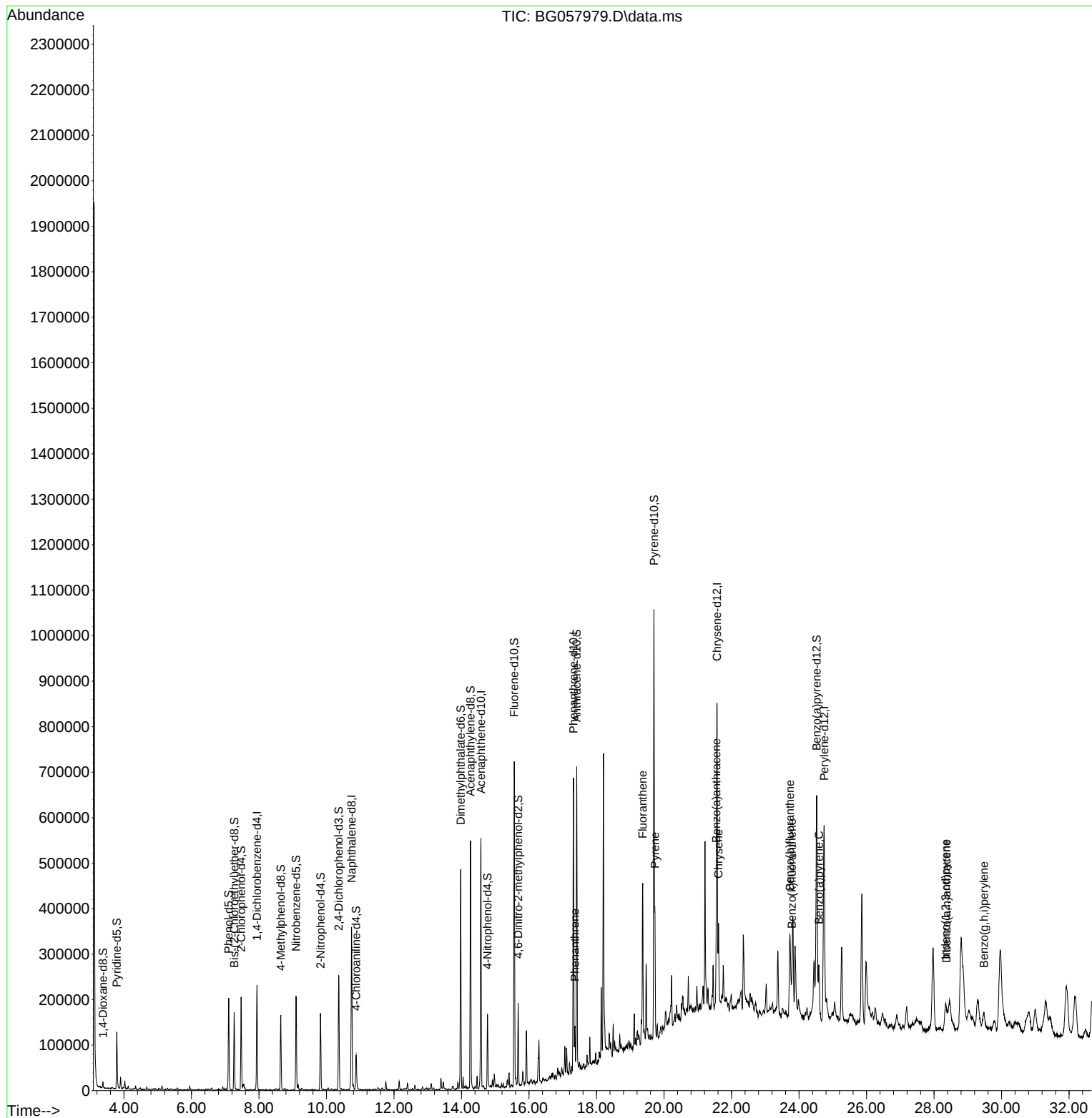
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057979.D
Acq On : 4 Jul 2023 8:26
Operator : CG/JU
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ALS Vial : 36 Sample Multiplier: 1

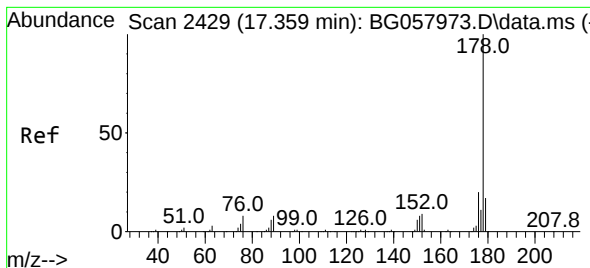
Instrument :
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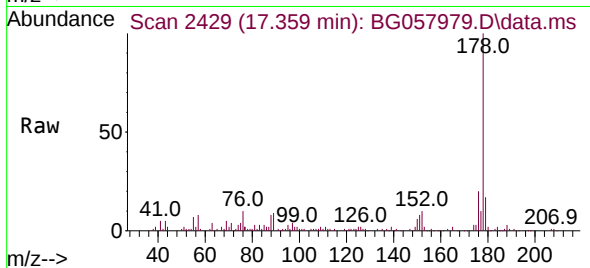
Quant Time: Jul 04 09:04:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.817 ng/ul
RT: 17.359 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

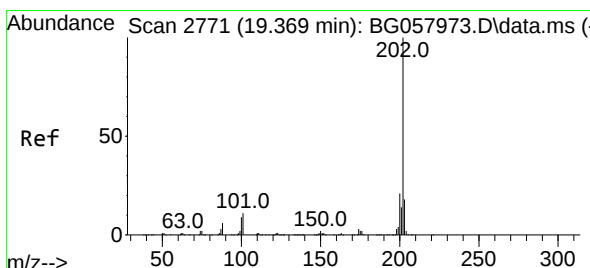
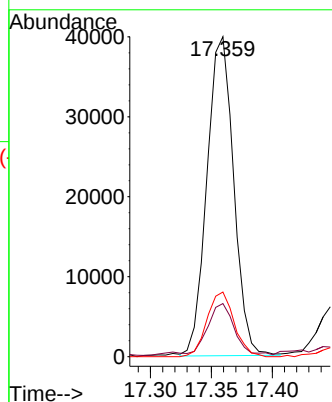
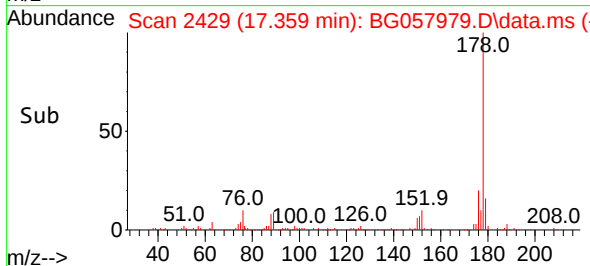
Instrument :
BNA_G
ClientSampleId :
DCGL0



Tgt Ion:178 Resp: 60869
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.2 15.7 23.5

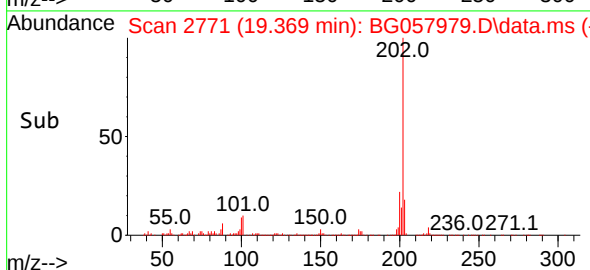
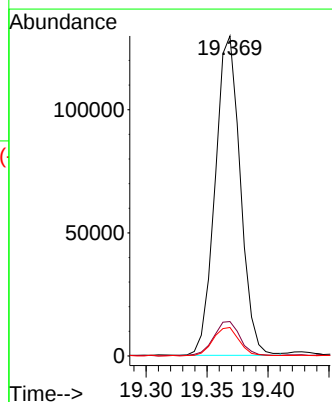
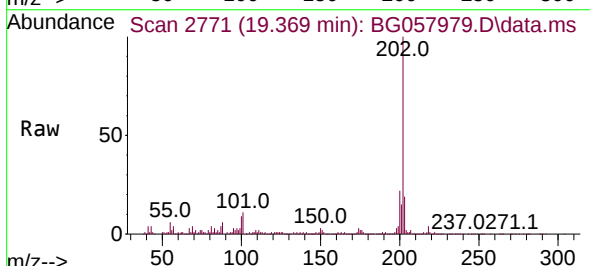
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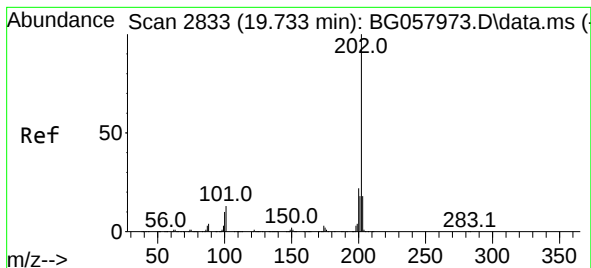
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#80
Fluoranthene
Concen: 7.319 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

Tgt Ion:202 Resp: 186041
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.9 7.1 10.7





#82

Pyrene

Concen: 6.562 ng/ul

RT: 19.733 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057979.D

Acq: 4 Jul 2023 8:26

Instrument :

BNA_G

ClientSampleId :

DCGL0

Tgt Ion:202 Resp: 167924

Ion Ratio Lower Upper

202 100

101 11.7 10.2 15.2

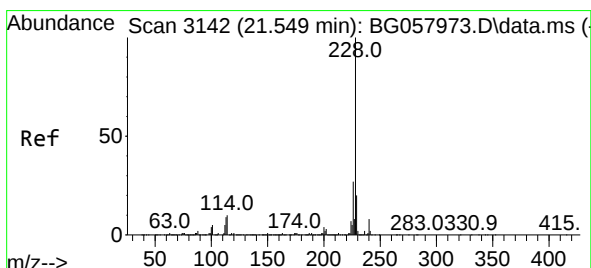
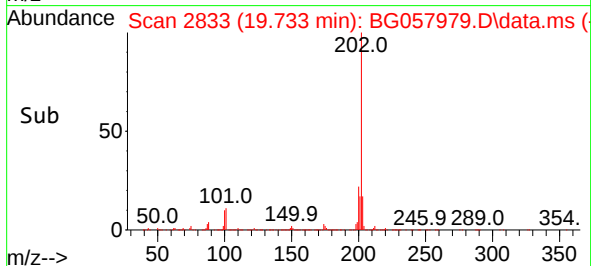
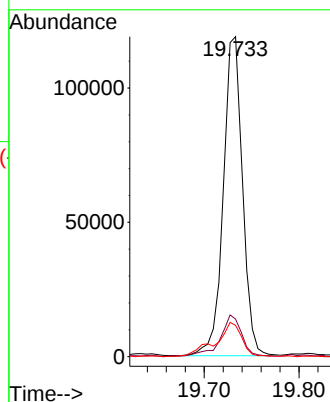
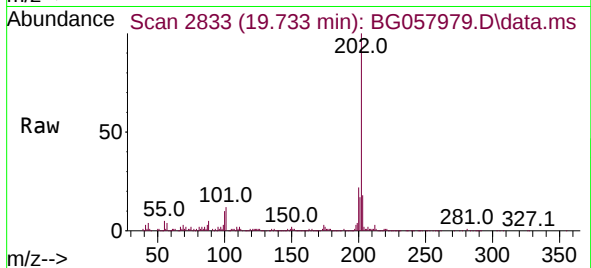
100 9.8 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 4.489 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG057979.D

Acq: 4 Jul 2023 8:26

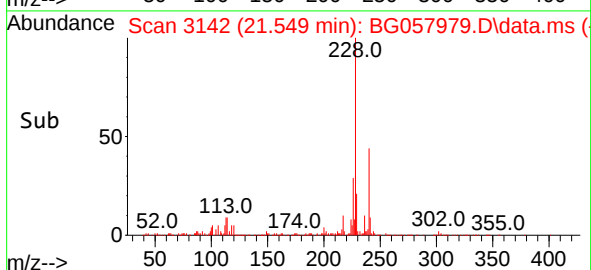
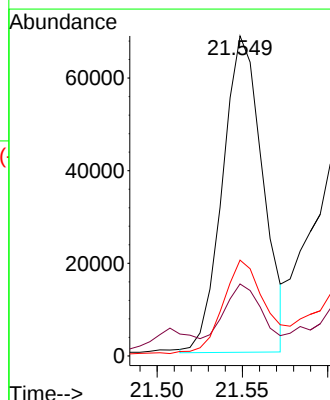
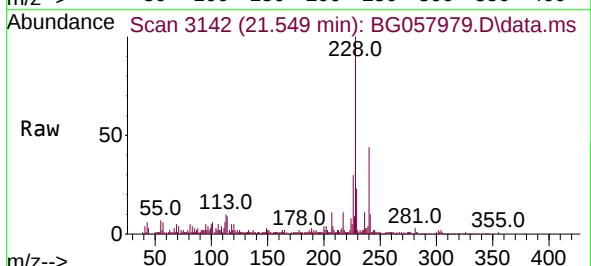
Tgt Ion:228 Resp: 112278

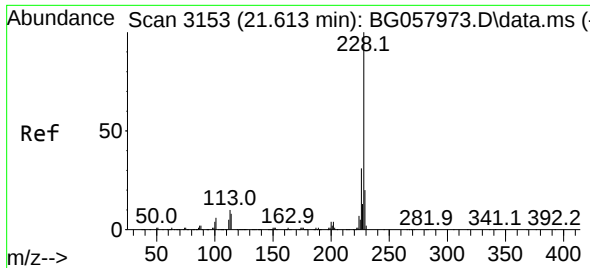
Ion Ratio Lower Upper

228 100

229 22.5 16.0 24.0

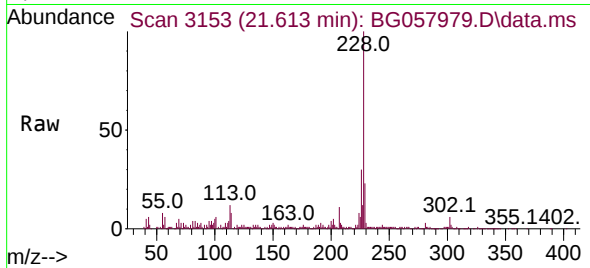
226 29.9 22.0 33.0





#87
Chrysene
Concen: 5.961 ng/ul
RT: 21.613 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

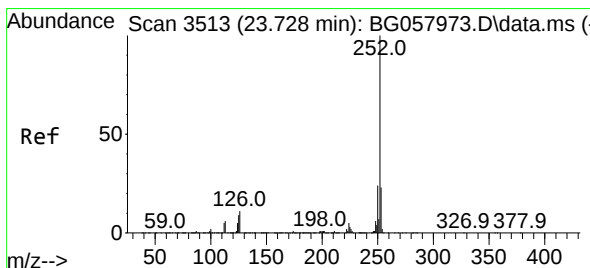
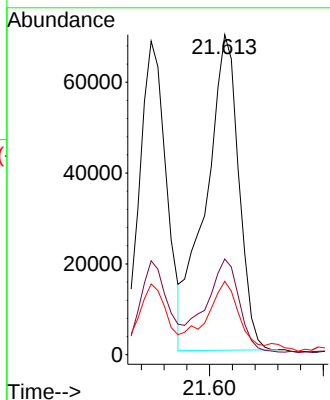
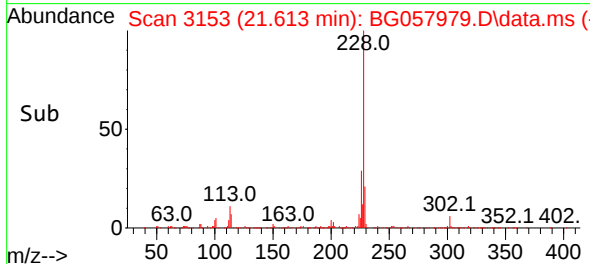
Instrument :
BNA_G
ClientSampleId :
DCGL0



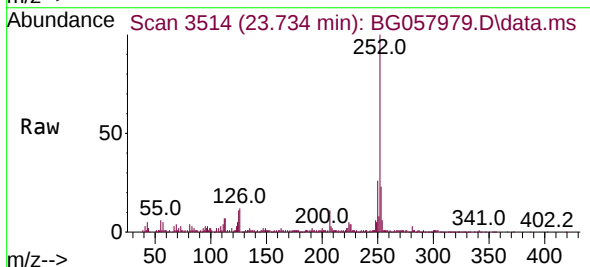
Tgt Ion:228 Resp: 139750
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 22.9 15.5 23.3

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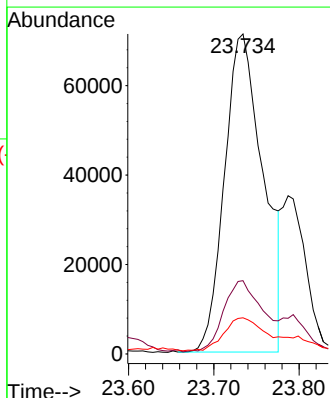
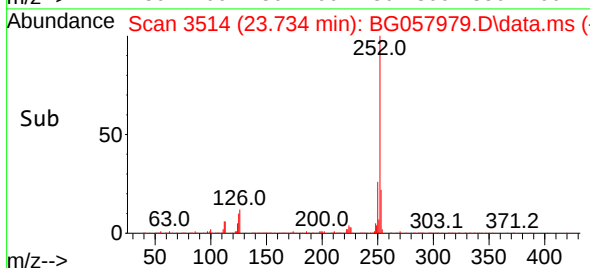
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

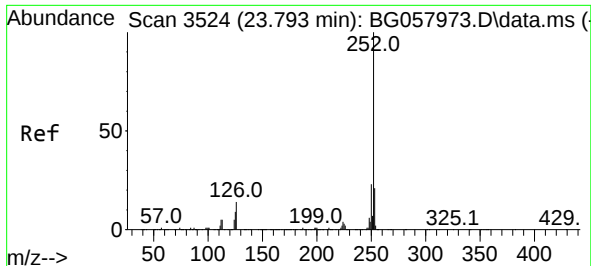


#90
Benzo(b)fluoranthene
Concen: 8.360 ng/ul
RT: 23.734 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26



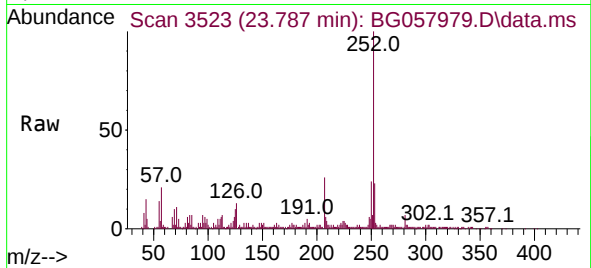
Tgt Ion:252 Resp: 224876
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.3 7.5 11.3#





#91
Benzo(k)fluoranthene
Concen: 2.569 ng/ul m
RT: 23.787 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

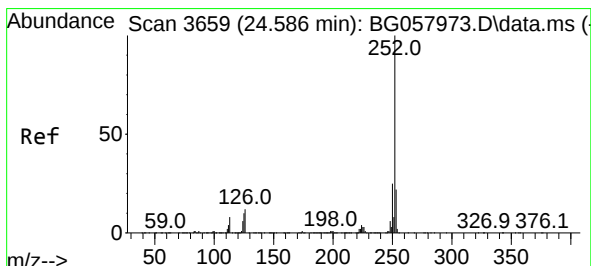
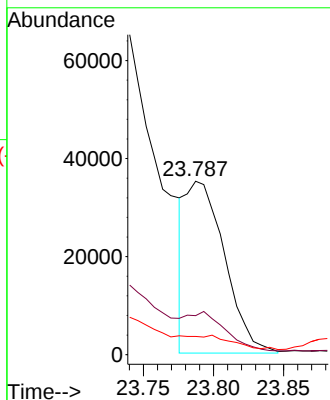
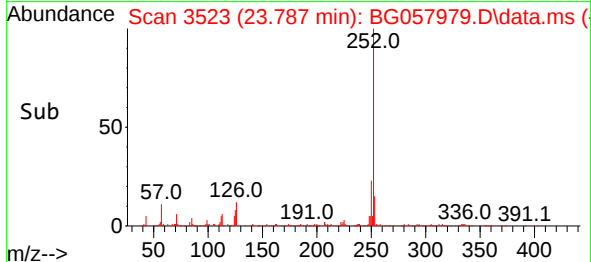
Instrument :
BNA_G
ClientSampleId :
DCGL0



Tgt Ion:252 Resp: 6774
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.5 7.4 11.2

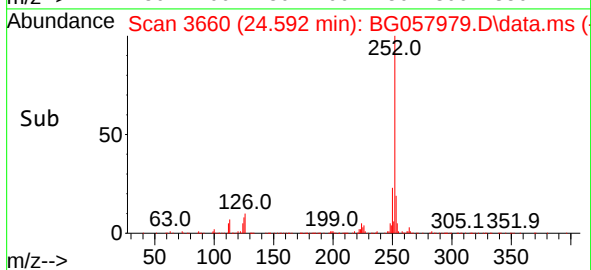
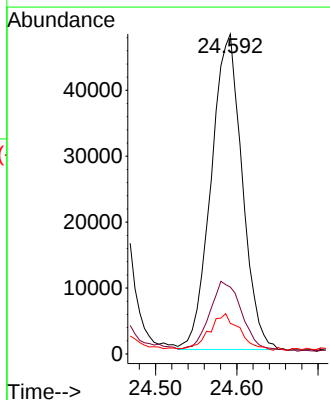
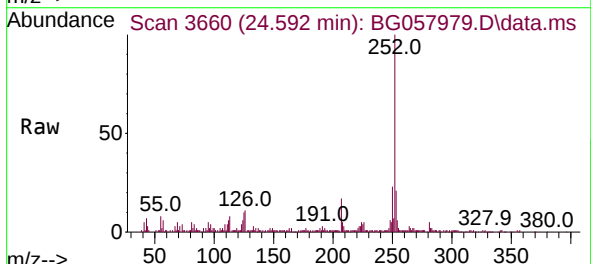
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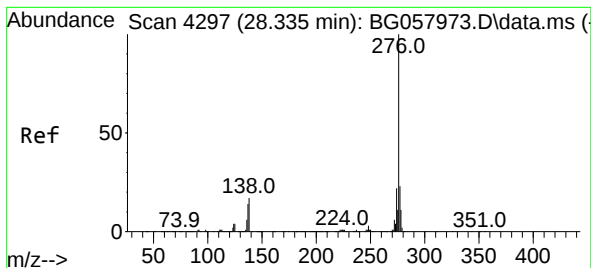
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#93
Benzo(a)pyrene
Concen: 5.332 ng/ul
RT: 24.592 min Scan# 3660
Delta R.T. 0.006 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

Tgt Ion:252 Resp: 126946
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.6
125 9.6 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.124 ng/ul

RT: 28.341 min Scan# 4303

Delta R.T. 0.006 min

Lab File: BG057979.D

Acq: 4 Jul 2023 8:26

Instrument :

BNA_G

ClientSampleId :

DCGL0

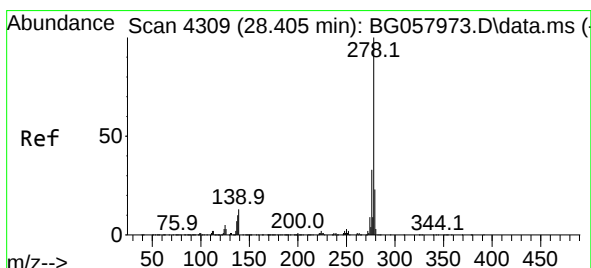
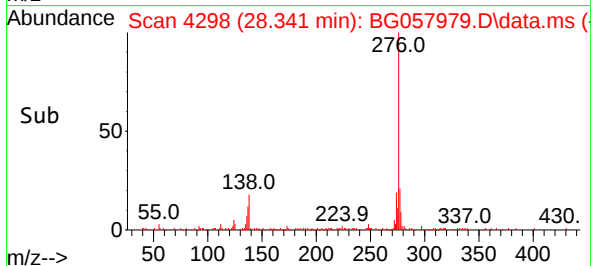
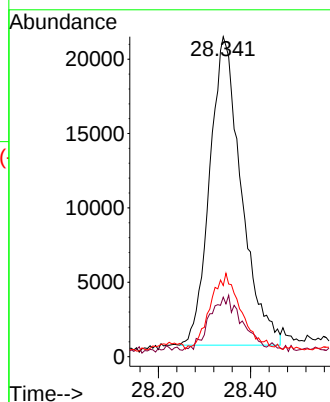
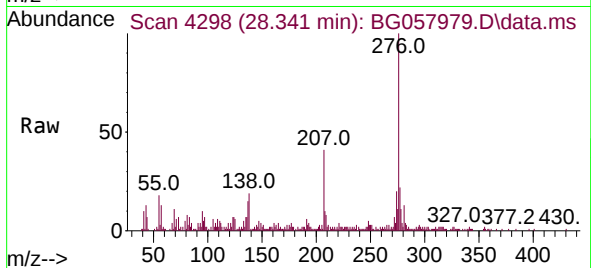
Tgt Ion:	276	Resp:	98754
Ion Ratio	Lower	Upper	
276	100		
138	18.6	14.0	21.0
277	22.2	19.4	29.2

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.057 ng/ul m

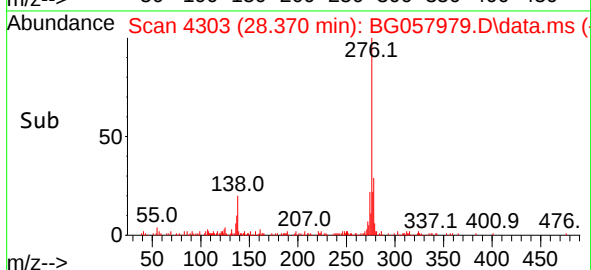
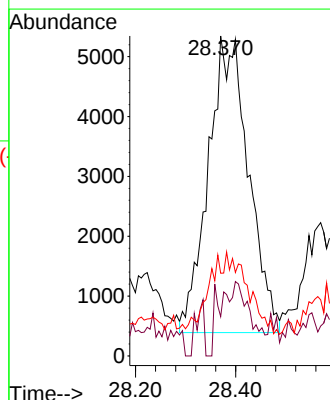
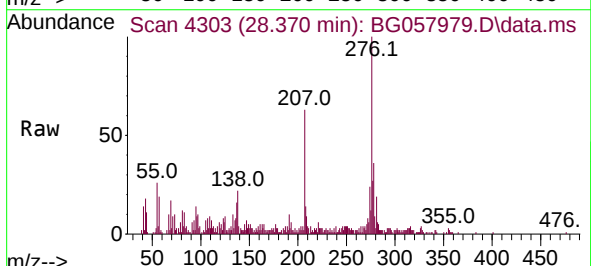
RT: 28.370 min Scan# 4303

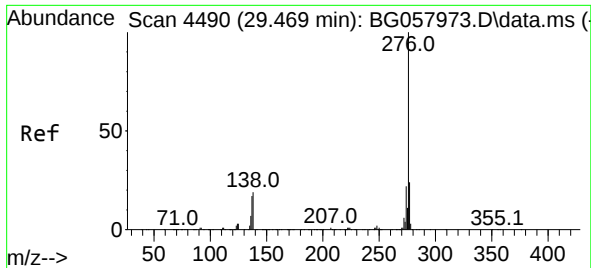
Delta R.T. -0.035 min

Lab File: BG057979.D

Acq: 4 Jul 2023 8:26

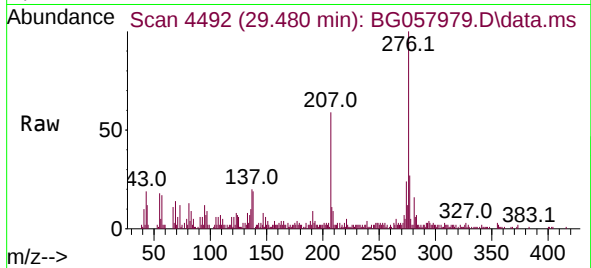
Tgt Ion:	278	Resp:	27556
Ion Ratio	Lower	Upper	
278	100		
139	12.3	11.3	16.9
279	25.9	18.9	28.3





#96
Benzo(g,h,i)perylene
Concen: 3.630 ng/ul m
RT: 29.480 min Scan# 44
Delta R.T. 0.012 min
Lab File: BG057979.D
Acq: 4 Jul 2023 8:26

Instrument :
BNA_G
ClientSampleId :
DCGL0



Tgt Ion:276 Resp: 93730
Ion Ratio Lower Upper
276 100
138 19.3 14.2 21.2
277 27.3 18.6 27.8

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Supervised By :mohammad ahmed 07/05/2023

