

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059297.D
 Acq On : 5 Oct 2023 15:22
 Operator : MA/JU
 Sample : 04527-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 00:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	28954	20.000	ng/u1	0.00
20) Naphthalene-d8	11.076	136	145315	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.865	164	90994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	197540	20.000	ng/u1	0.00
79) Chrysene-d12	21.916	240	172506	20.000	ng/u1	0.00
88) Perylene-d12	25.400	264	200493	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	2618m	3.413	ng/uL	0.01
4) Pyridine-d5	3.972	84	4420	1.975	ng/u1	0.00
7) Phenol-d5	7.356	99	49151	16.959	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	32048	17.310	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	38560	19.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.931	113	16170	7.218	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	20636	20.124	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	22265	22.118	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	36907	17.847	ng/u1	0.00
31) 4-Chloroaniline-d4	11.217	131	30325	9.064	ng/u1	0.00
46) Dimethylphthalate-d6	14.260	166	131657	20.012	ng/u1	0.00
49) Acenaphthylene-d8	14.571	160	160845	19.478	ng/u1	0.00
54) 4-Nitrophenol-d4	15.053	143	12776m	11.121	ng/u1	0.00
60) Fluorene-d10	15.852	176	127035	20.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	7843	7.724	ng/u1	0.00
73) Anthracene-d10	17.715	188	171222	19.023	ng/u1	0.00
81) Pyrene-d10	19.989	212	219742	22.746	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	209729	21.768	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	9.072	105	14868	4.285	ng/u1#	85
72) Phenanthrene	17.656	178	17643	1.627	ng/u1#	94
80) Fluoranthene	19.654	202	28472	2.392	ng/u1#	93
82) Pyrene	20.018	202	33319	2.643	ng/u1	95
85) Benzo(a)anthracene	21.892	228	26532	2.185	ng/u1	99
87) Chrysene	21.963	228	36740m	3.203	ng/u1	
90) Benzo(b)fluoranthene	24.272	252	41738	3.399	ng/u1#	85
91) Benzo(k)fluoranthene	24.348	252	26965m	2.167	ng/u1	
93) Benzo(a)pyrene	25.224	252	39861m	3.422	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.419	276	33395m	2.532	ng/u1	
96) Benzo(g,h,i)perylene	30.700	276	40979m	3.822	ng/u1	

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

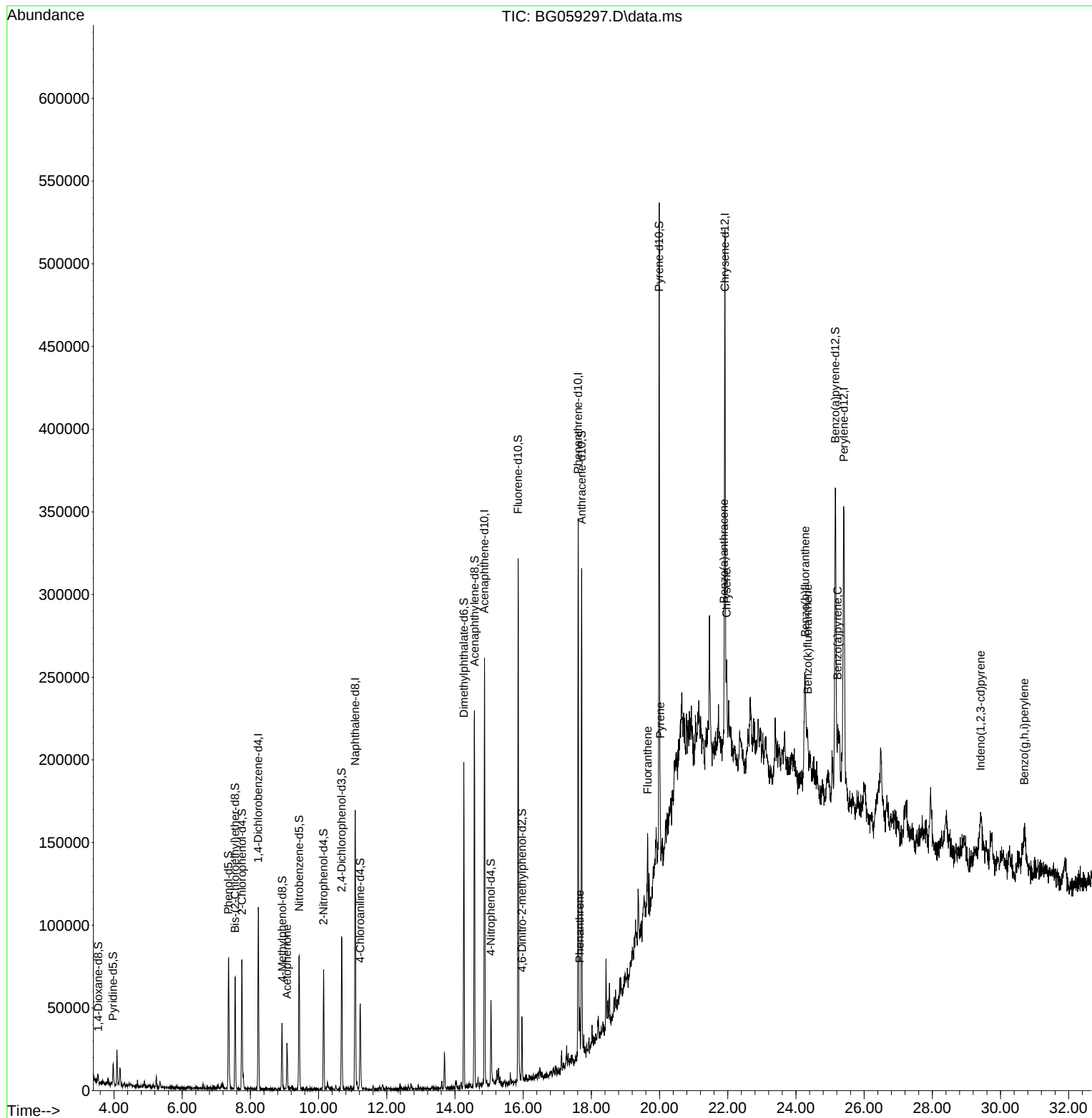
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059297.D
 Acq On : 5 Oct 2023 15:22
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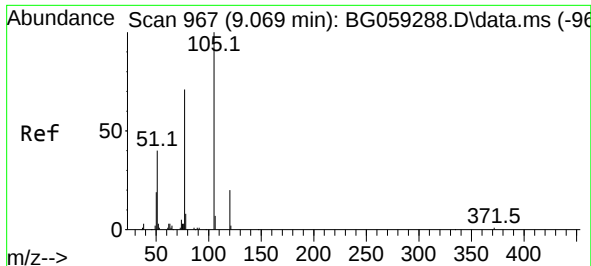
Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 10/06/2023

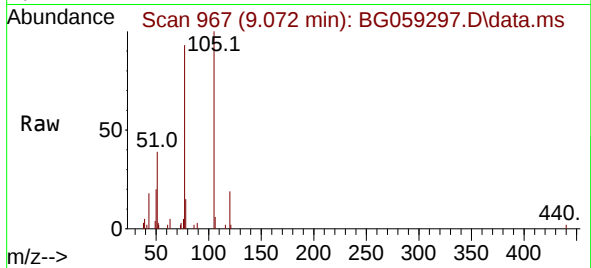
Quant Time: Oct 06 00:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
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#16
Acetophenone
Concen: 4.285 ng/ul
RT: 9.072 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

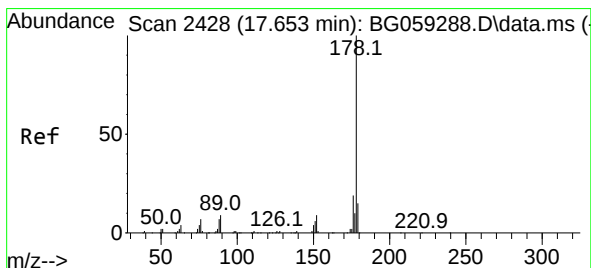
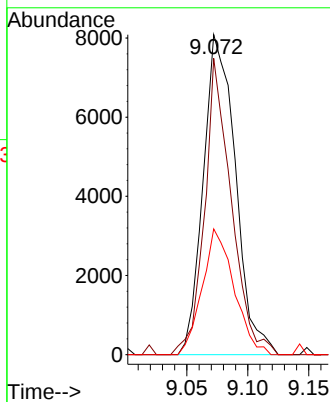
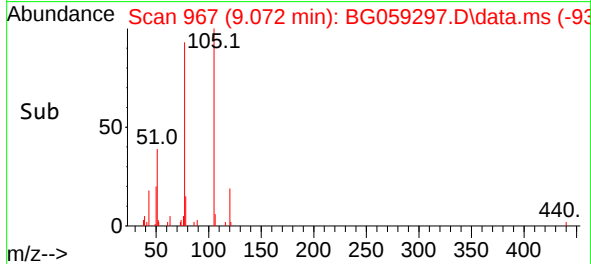
Instrument :
BNA_G
ClientSampleId :
EZY5



Tgt Ion:105 Resp: 1486
Ion Ratio Lower Upper
105 100
77 92.6 58.8 88.2
51 39.3 32.6 48.8

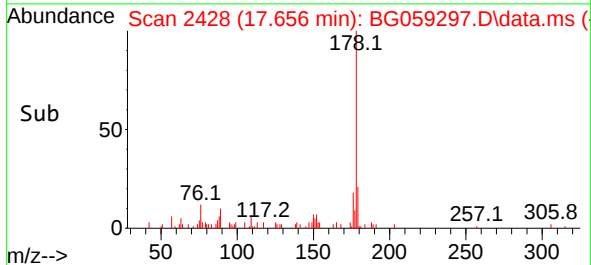
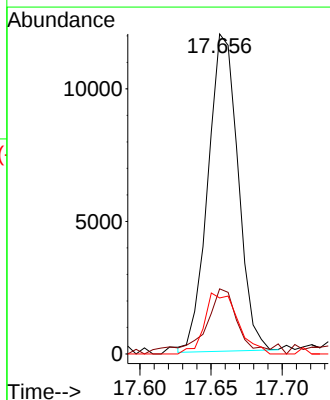
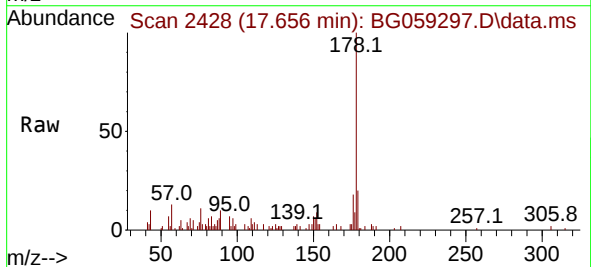
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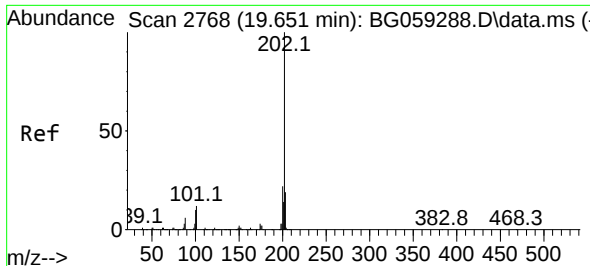
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Phenanthrene
Concen: 1.627 ng/ul
RT: 17.656 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

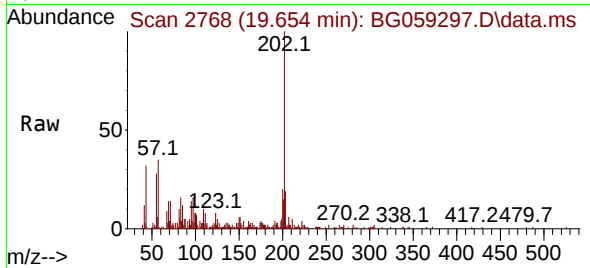
Tgt Ion:178 Resp: 17643
Ion Ratio Lower Upper
178 100
179 20.4 12.3 18.5
176 17.5 14.6 21.8





#80
Fluoranthene
Concen: 2.392 ng/u1
RT: 19.654 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

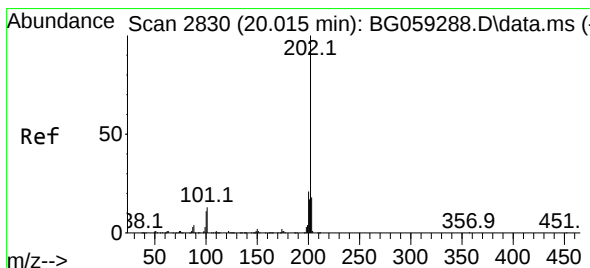
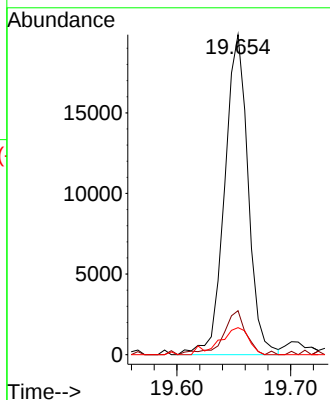
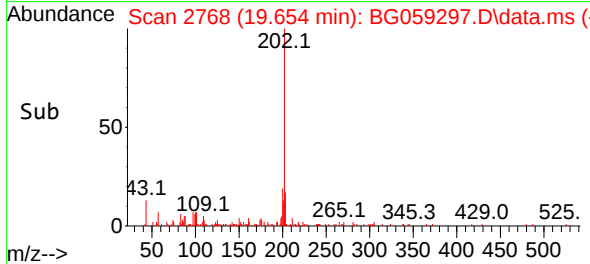
Instrument :
BNA_G
ClientSampleId :
EZY5



Tgt Ion:202 Resp: 2847
Ion Ratio Lower Upper
202 100
101 13.8 8.2 12.4
100 8.4 8.2 12.2

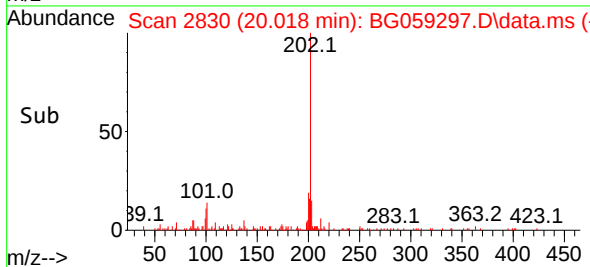
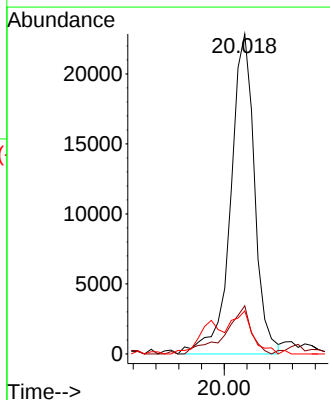
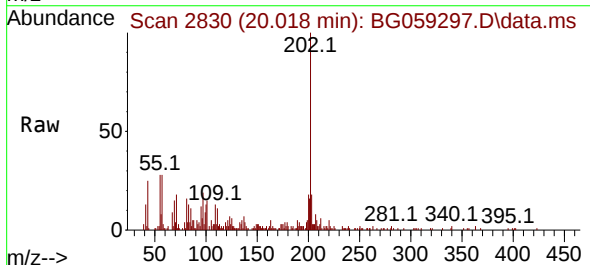
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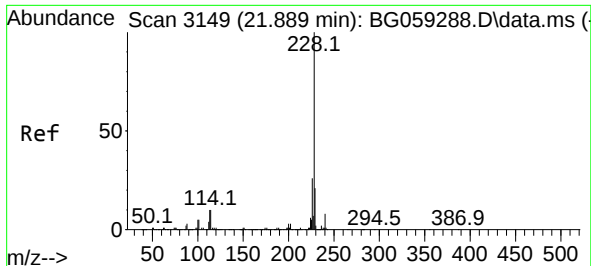
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#82
Pyrene
Concen: 2.643 ng/u1
RT: 20.018 min Scan# 2830
Delta R.T. -0.005 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

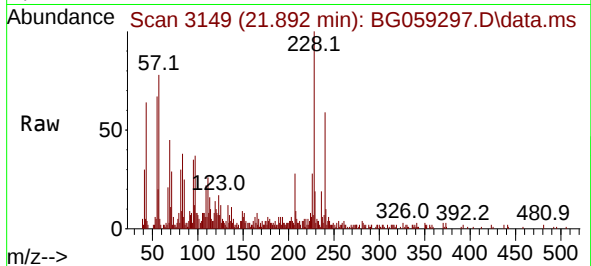
Tgt Ion:202 Resp: 33319
Ion Ratio Lower Upper
202 100
101 15.1 10.2 15.4
100 13.5 9.6 14.4





#85
Benzo(a)anthracene
Concen: 2.185 ng/ul
RT: 21.892 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

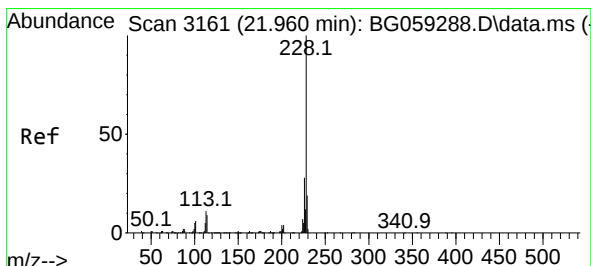
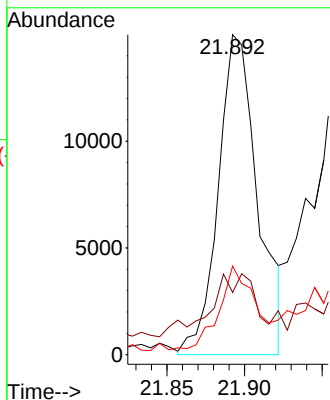
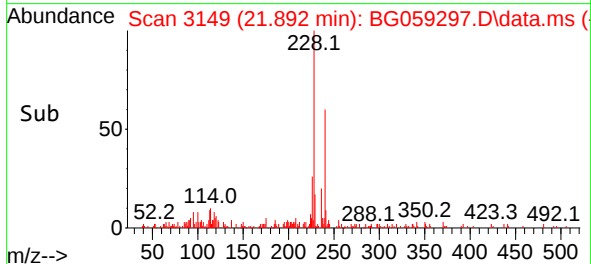
Instrument :
BNA_G
ClientSampleId :
EZY5



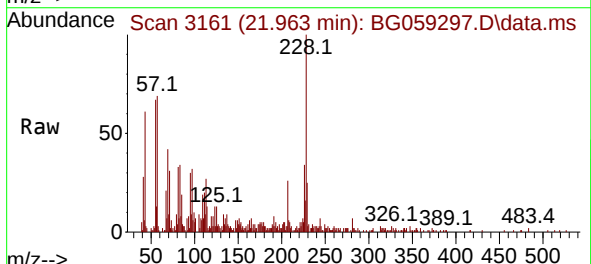
Tgt Ion:228 Resp: 2653
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.7 21.4 32.2

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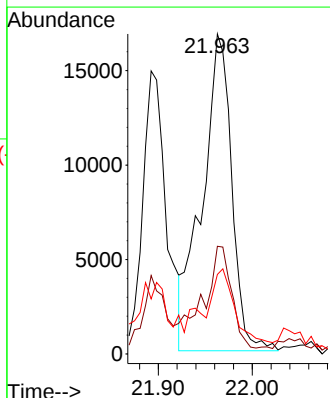
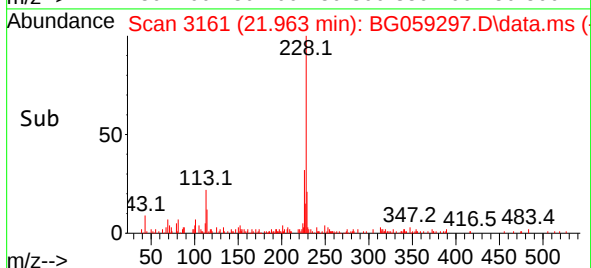
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

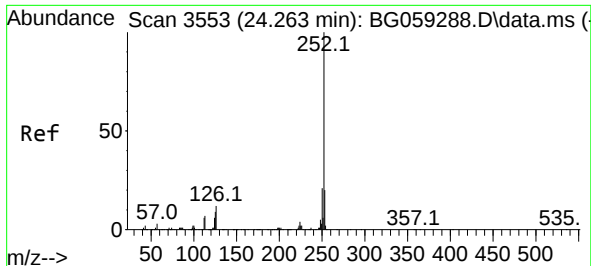


#87
Chrysene
Concen: 3.203 ng/ul m
RT: 21.963 min Scan# 3161
Delta R.T. -0.011 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22



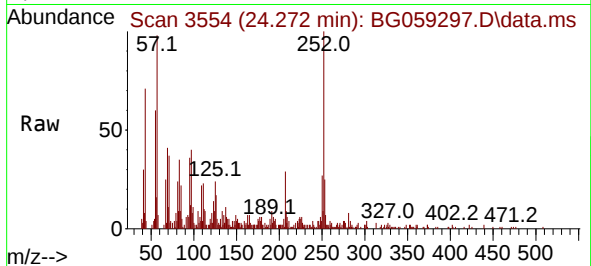
Tgt Ion:228 Resp: 36740
Ion Ratio Lower Upper
228 100
226 33.7 24.2 36.4
229 24.9 16.2 24.2#





#90
Benzo(b)fluoranthene
Concen: 3.399 ng/ul
RT: 24.272 min Scan# 3554
Delta R.T. -0.011 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

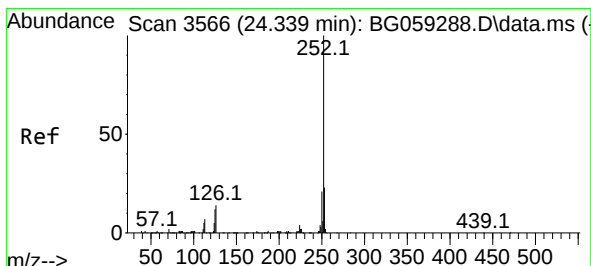
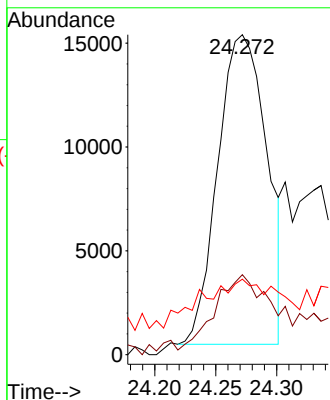
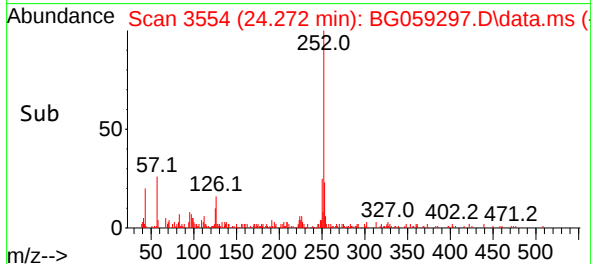
Instrument :
BNA_G
ClientSampleId :
EZY5



Tgt Ion:252 Resp: 41738
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 23.6 8.1 12.1

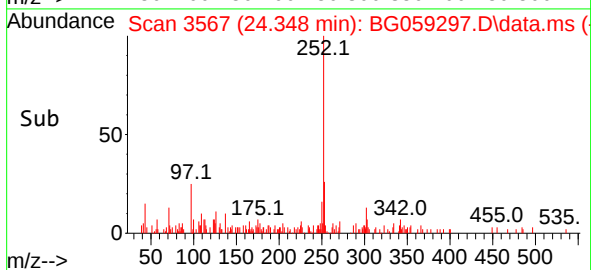
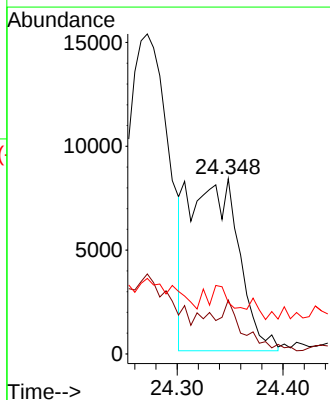
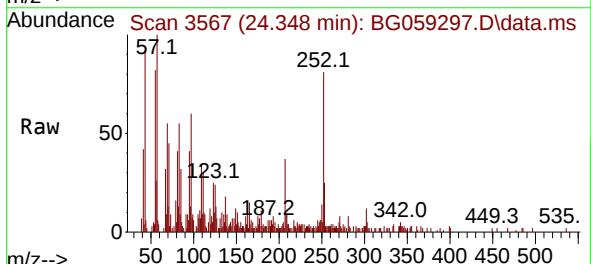
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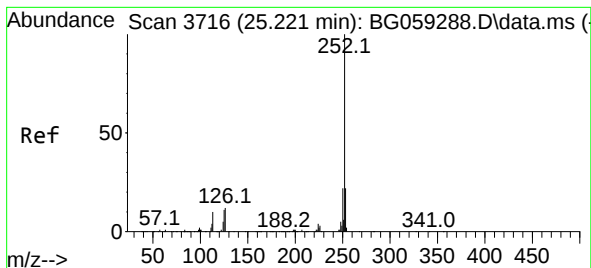
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#91
Benzo(k)fluoranthene
Concen: 2.167 ng/ul m
RT: 24.348 min Scan# 3567
Delta R.T. -0.011 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

Tgt Ion:252 Resp: 26965
Ion Ratio Lower Upper
252 100
253 30.8 17.6 26.4#
125 29.5 8.1 12.1#





#93

Benzo(a)pyrene

Concen: 3.422 ng/ul m

RT: 25.224 min Scan# 3

Delta R.T. -0.017 min

Lab File: BG059297.D

Acq: 5 Oct 2023 15:22

Instrument :

BNL_G

ClientSampleId :

EZYY5

Tgt Ion:252 Resp: 3986

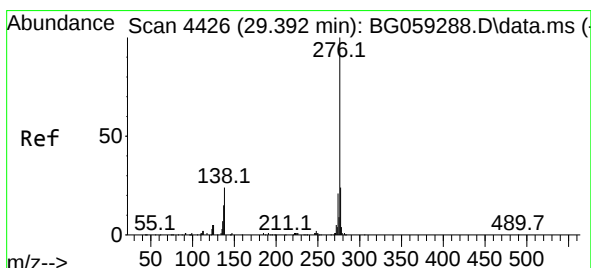
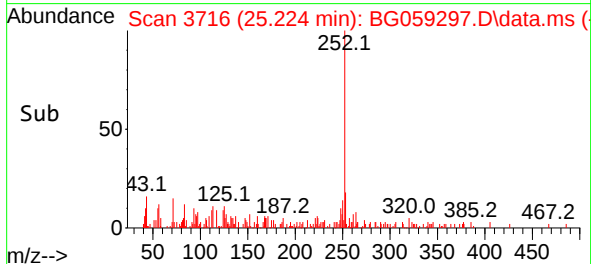
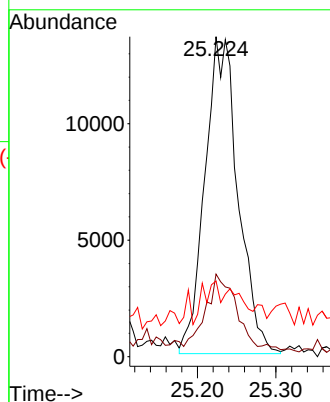
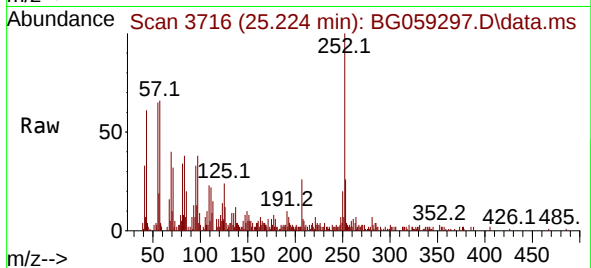
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	23.7	9.4	14.0

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.532 ng/ul m

RT: 29.419 min Scan# 4430

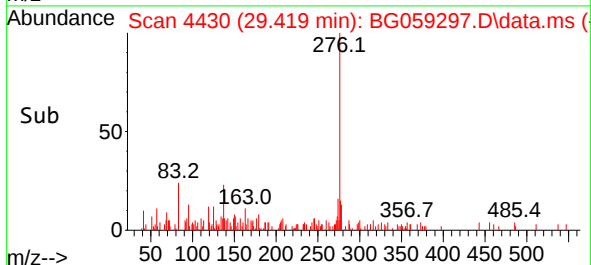
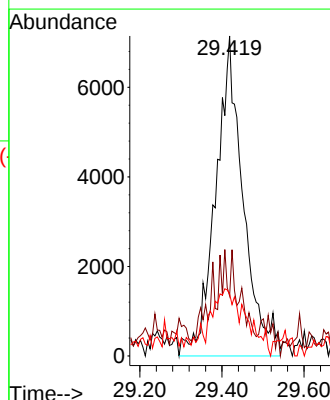
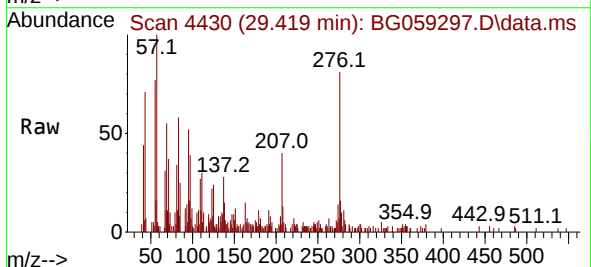
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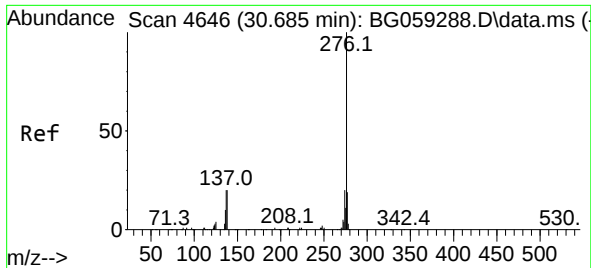
Lab File: BG059297.D

Acq: 5 Oct 2023 15:22

Tgt Ion:276 Resp: 33395

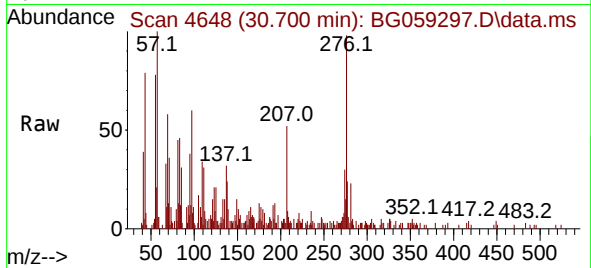
Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.0	25.6
277	19.3	18.6	28.0





#96
Benzo(g,h,i)perylene
Concen: 3.822 ng/ul m
RT: 30.700 min Scan# 40
Delta R.T. -0.011 min
Lab File: BG059297.D
Acq: 5 Oct 2023 15:22

Instrument :
BNA_G
ClientSampleId :
EZY5



Tgt Ion:276 Resp: 40979
Ion Ratio Lower Upper
276 100
138 24.7 16.6 25.0
277 24.8 20.0 30.0

Manual Integrations
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