

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059304.D
 Acq On : 5 Oct 2023 20:08
 Operator : MA/JU
 Sample : 04469-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYL9

Manual Integrations
 APPROVED

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

Quant Time: Oct 06 00:51:06 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	8.231	152	39896	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	178384	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.864	164	103055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.614	188	214884	20.000	ng/u1	0.00
79) Chrysene-d12	21.915	240	184253	20.000	ng/u1	0.00
88) Perylene-d12	25.405	264	213304	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.536	96	2728	2.581	ng/uL	0.01
4) Pyridine-d5	3.977	84	3831	1.242	ng/u1	0.01
7) Phenol-d5	7.361	99	63694	15.949	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	34810	13.645	ng/u1	0.00
11) 2-Chlorophenol-d4	7.749	132	44750	16.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.924	113	23550	7.629	ng/u1	0.00
21) Nitrobenzene-d5	9.429	128	25782	20.482	ng/u1	0.00
24) 2-Nitrophenol-d4	10.146	143	27169	21.986	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	45194	17.803	ng/u1	0.00
31) 4-Chloroaniline-d4	11.221	131	22238	5.414	ng/u1	0.00
46) Dimethylphthalate-d6	14.259	166	150588	20.211	ng/u1	0.00
49) Acenaphthylene-d8	14.564	160	187937	20.096	ng/u1	0.00
54) 4-Nitrophenol-d4	15.058	143	3637	2.795	ng/u1	0.00
60) Fluorene-d10	15.851	176	145696	20.545	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	4261	3.858	ng/u1	0.00
73) Anthracene-d10	17.714	188	203603	20.794	ng/u1	0.00
81) Pyrene-d10	19.987	212	230519	22.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.152	264	219019	21.367	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	9.077	105	8264	1.729	ng/u1	90
72) Phenanthrene	17.655	178	23562	1.998	ng/u1	96
80) Fluoranthene	19.653	202	39915	3.140	ng/u1#	93
82) Pyrene	20.011	202	39835	2.959	ng/u1	96
85) Benzo(a)anthracene	21.891	228	23269	1.794	ng/u1	98
87) Chrysene	21.962	228	27650m	2.257	ng/u1	
90) Benzo(b)fluoranthene	24.271	252	39825	3.048	ng/u1#	82
91) Benzo(k)fluoranthene	24.335	252	16078m	1.215	ng/u1	
93) Benzo(a)pyrene	25.222	252	25302	2.042	ng/u1#	76
94) Indeno(1,2,3-cd)pyrene	29.429	276	23792m	1.696	ng/u1	
96) Benzo(g,h,i)perylene	30.728	276	31072m	2.724	ng/u1	

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

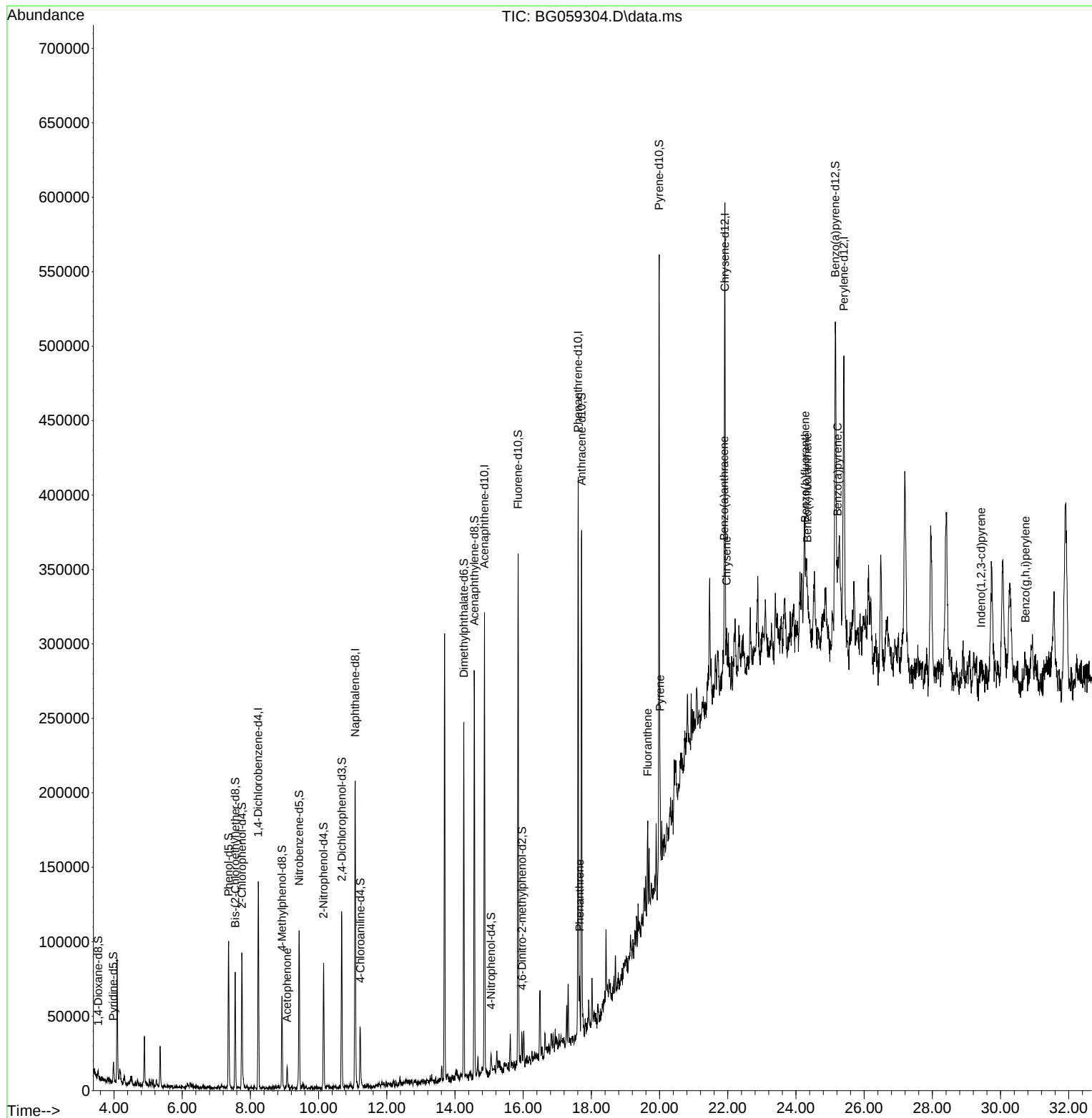
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059304.D
Acq On : 5 Oct 2023 20:08
Operator : MA/JU
Sample : 04469-03
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ALS Vial : 17 Sample Multiplier: 1

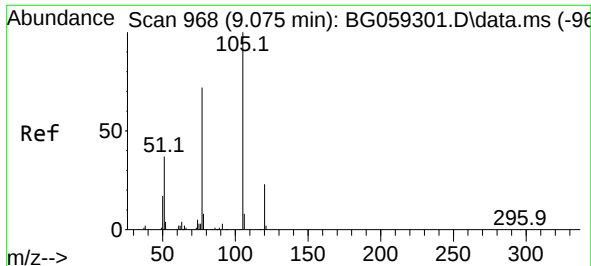
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 10/06/2023

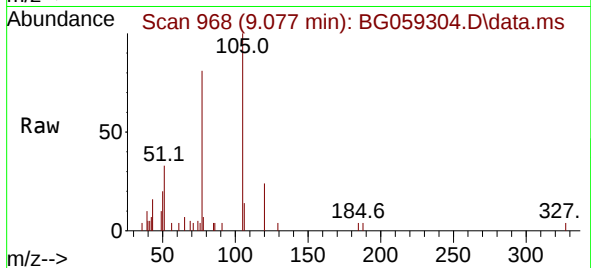
Quant Time: Oct 06 00:51:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
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#16
Acetophenone
Concen: 1.729 ng/ul
RT: 9.077 min Scan# 907
Delta R.T. -0.001 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

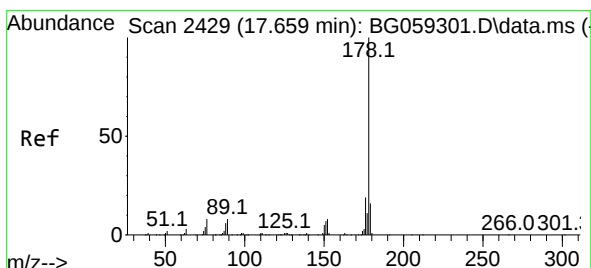
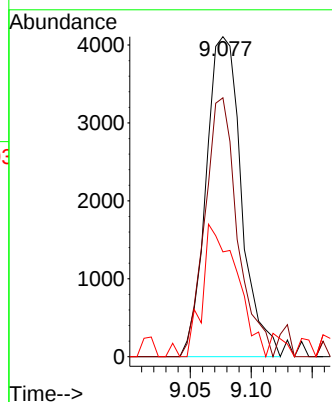
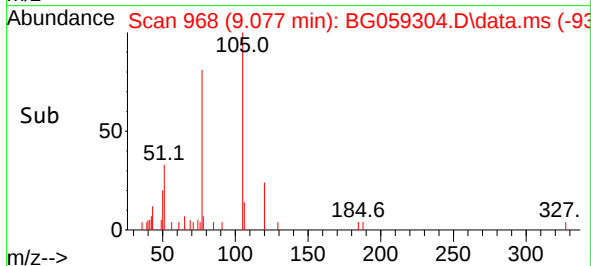
Instrument :
BNA_G
ClientSampleId :
EZYL9



Tgt Ion:	105	Resp:	8264
Ion Ratio	Lower	Upper	
105	100		
77	80.9	58.8	88.2
51	32.8	32.6	48.8

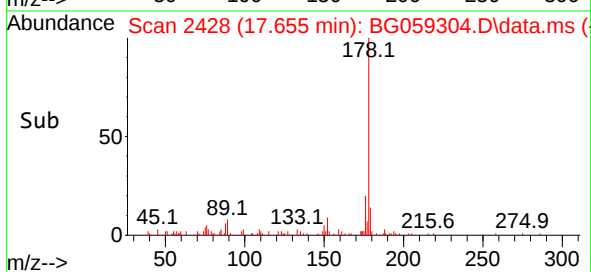
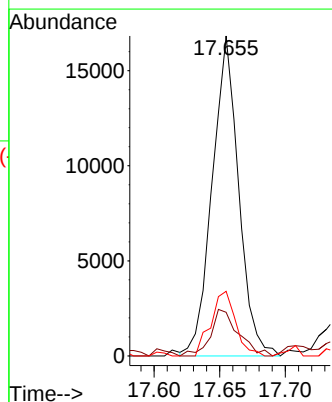
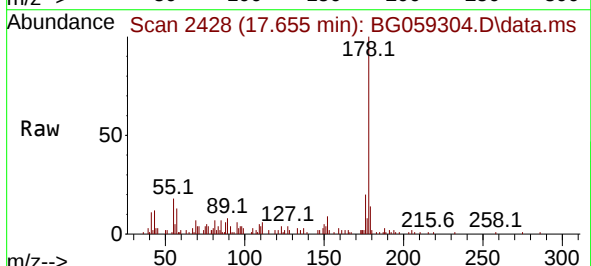
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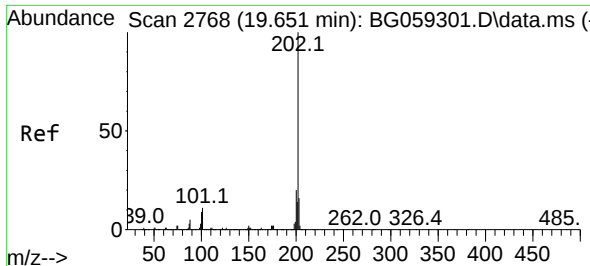
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Phenanthrene
Concen: 1.998 ng/ul
RT: 17.655 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

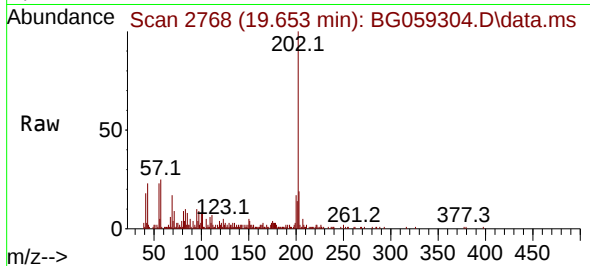
Tgt Ion:	178	Resp:	23562
Ion Ratio	Lower	Upper	
178	100		
179	13.6	12.3	18.5
176	20.2	14.6	21.8





#80
Fluoranthene
Concen: 3.140 ng/ul
RT: 19.653 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

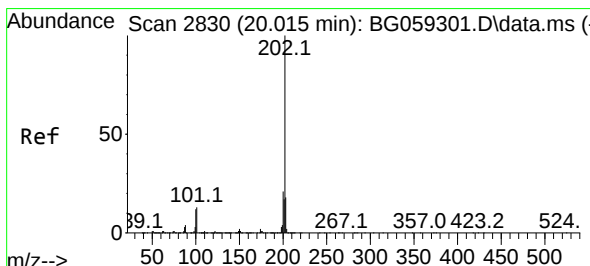
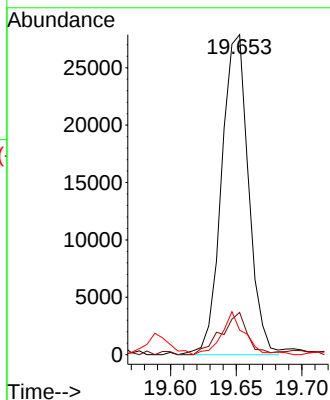
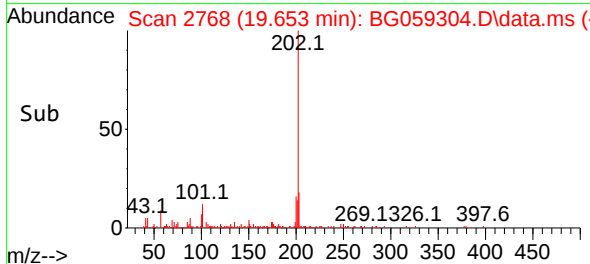
Instrument :
BNA_G
ClientSampleId :
EZYL9



Tgt Ion:202 Resp: 39915
Ion Ratio Lower Upper
202 100
101 13.2 8.2 12.4
100 7.6 8.2 12.2

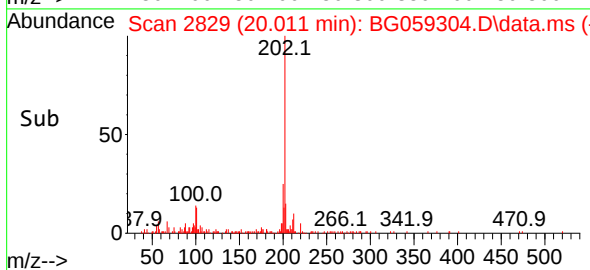
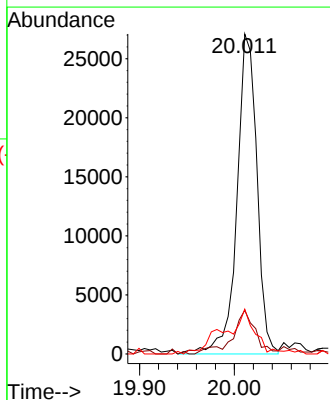
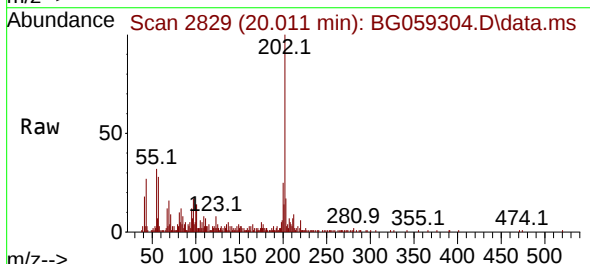
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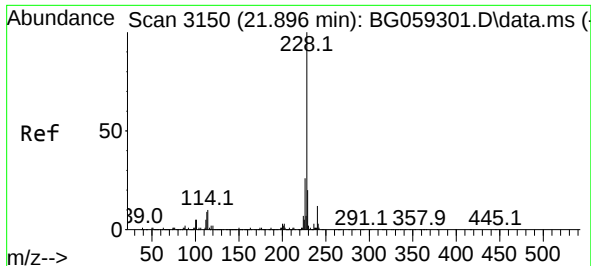
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#82
Pyrene
Concen: 2.959 ng/ul
RT: 20.011 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

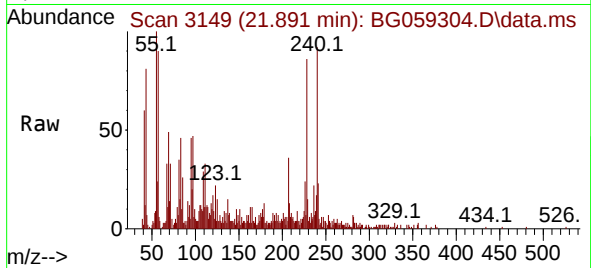
Tgt Ion:202 Resp: 39835
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.4
100 14.0 9.6 14.4





#85
Benzo(a)anthracene
Concen: 1.794 ng/ul
RT: 21.891 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

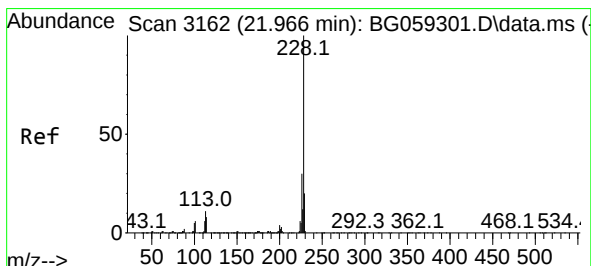
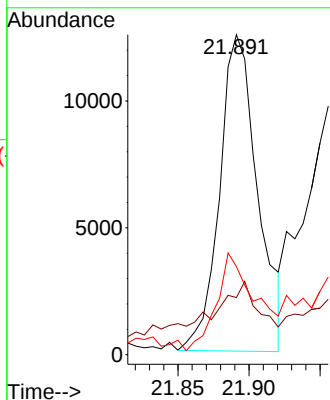
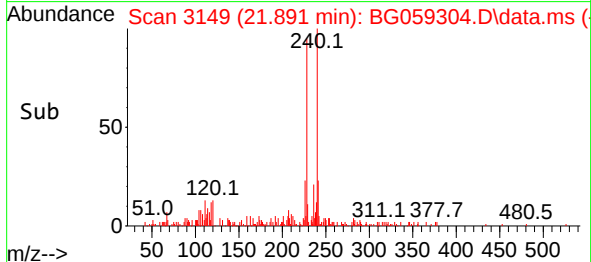
Instrument :
BNA_G
ClientSampleId :
EZYL9



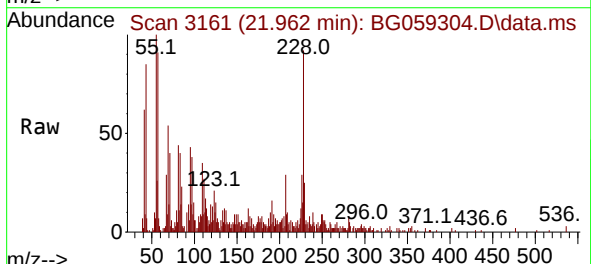
Tgt Ion:228 Resp: 23269
Ion Ratio Lower Upper
228 100
229 17.8 15.5 23.3
226 27.5 21.4 32.2

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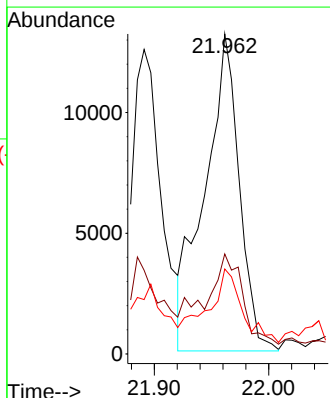
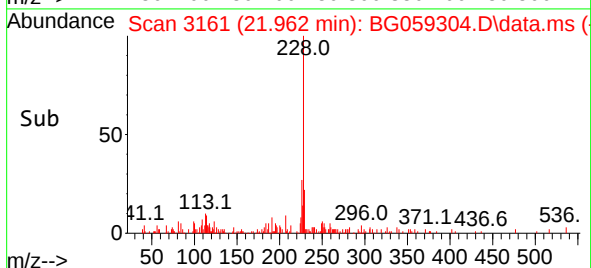
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

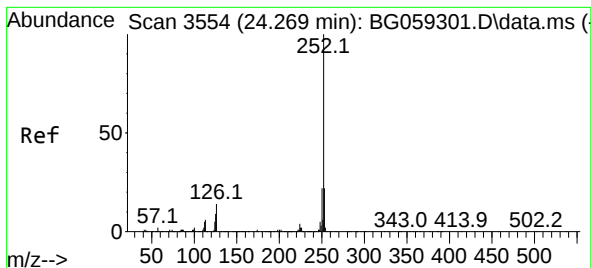


#87
Chrysene
Concen: 2.257 ng/ul m
RT: 21.962 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08



Tgt Ion:228 Resp: 27650
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 26.6 16.2 24.2#





#90

Benzo(b)fluoranthene

Concen: 3.048 ng/ul

RT: 24.271 min Scan# 3554

Delta R.T. -0.012 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

Instrument :

BNA_G

ClientSampleId :

EZYL9

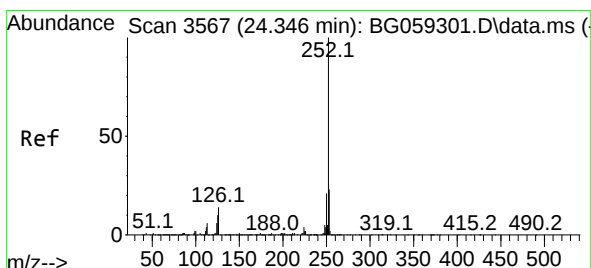
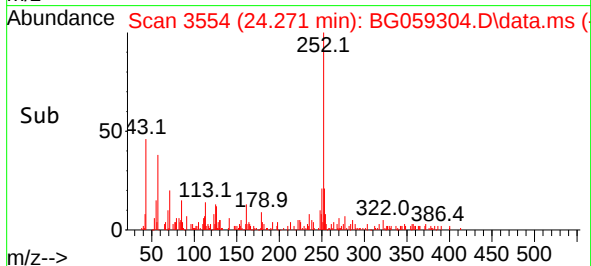
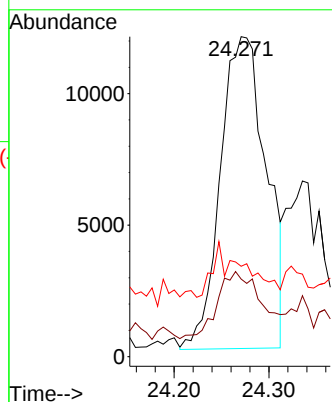
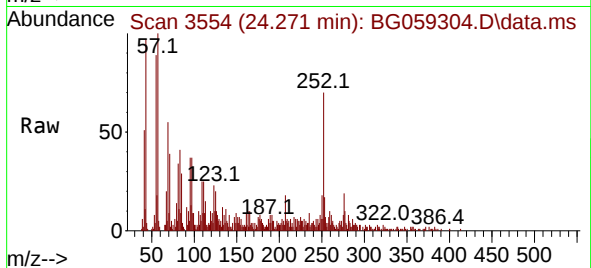
Tgt Ion:252 Resp: 3982
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.0 27.0
 125 28.3 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#91

Benzo(k)fluoranthene

Concen: 1.215 ng/ul m

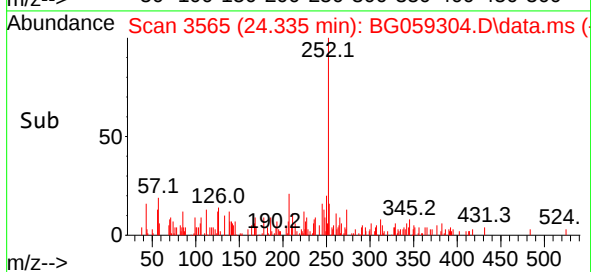
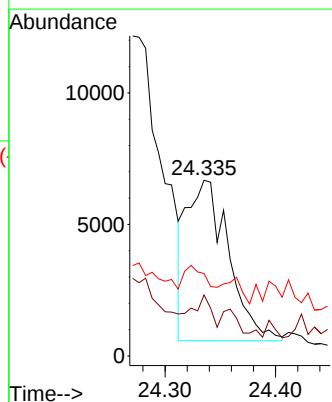
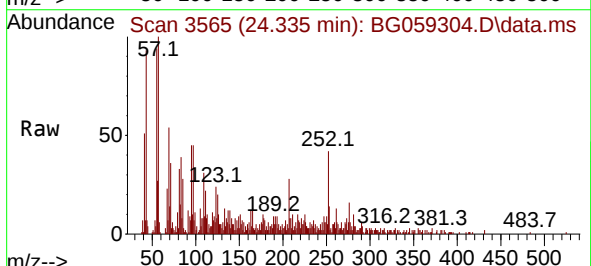
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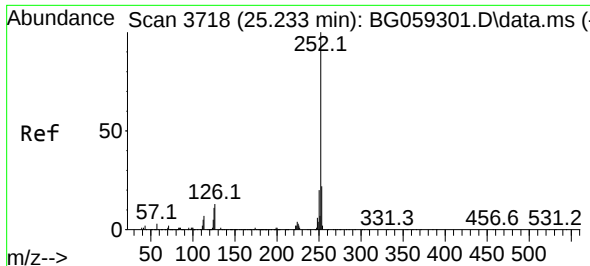
Delta R.T. -0.024 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

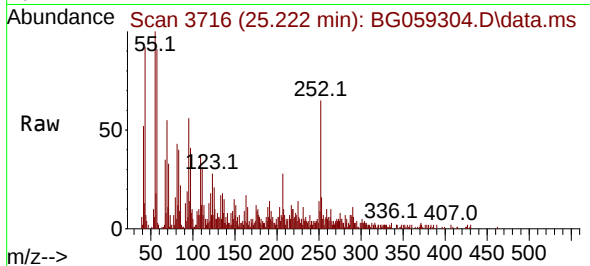
Tgt Ion:252 Resp: 16078
 Ion Ratio Lower Upper
 252 100
 253 34.7 17.6 26.4#
 125 46.9 8.1 12.1#





#93
Benzo(a)pyrene
Concen: 2.042 ng/ul
RT: 25.222 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

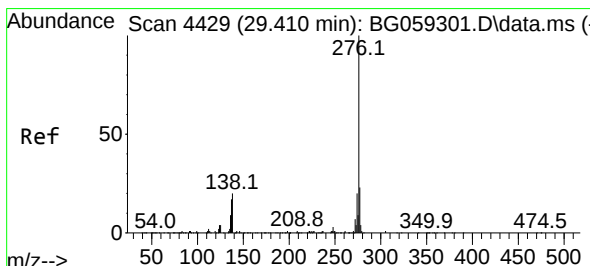
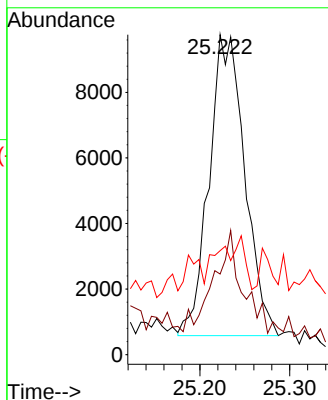
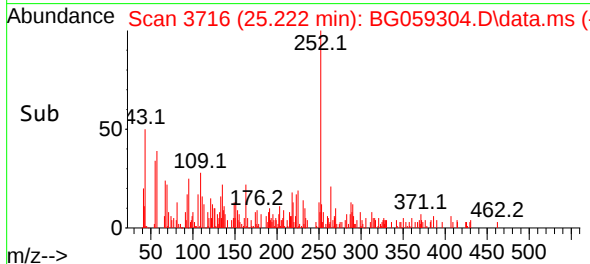
Instrument :
BNA_G
ClientSampleId :
EZYL9



Tgt Ion:252 Resp: 25302
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 32.5 9.4 14.0

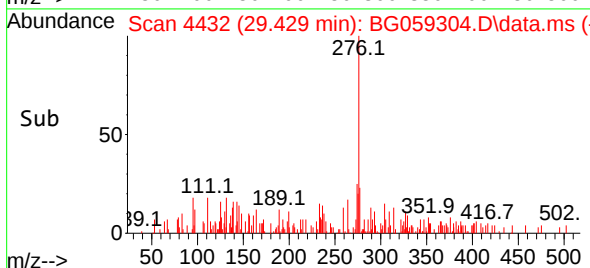
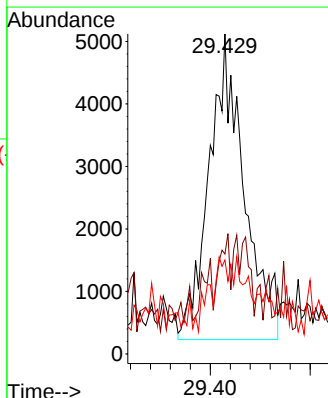
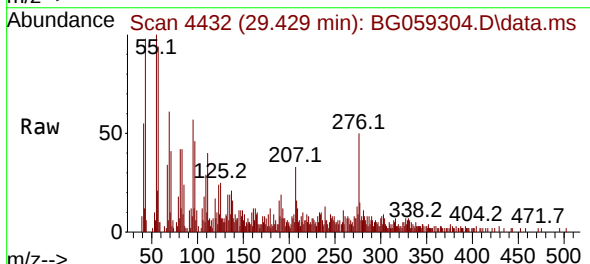
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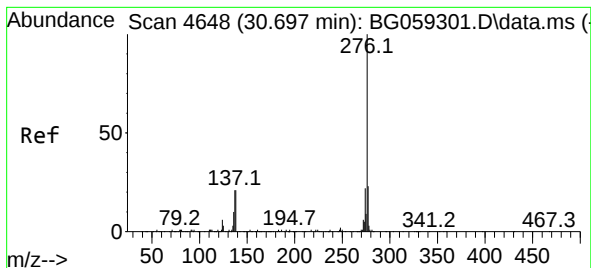
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.696 ng/ul m
RT: 29.429 min Scan# 4432
Delta R.T. -0.006 min
Lab File: BG059304.D
Acq: 5 Oct 2023 20:08

Tgt Ion:276 Resp: 23792
Ion Ratio Lower Upper
276 100
138 31.2 17.0 25.6#
277 29.4 18.6 28.0#





#96

Benzo(g,h,i)perylene

Concen: 2.724 ng/ul m

RT: 30.728 min Scan# 4

Delta R.T. 0.017 min

Lab File: BG059304.D

Acq: 5 Oct 2023 20:08

Instrument :

BNA_G

ClientSampleId :

EZYL9

Tgt Ion:276 Resp: 31072

Ion Ratio Lower Upper

276 100

138 36.9 16.6 25.0

277 31.2 20.0 30.0

Manual Integrations

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