

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059003.D
 Acq On : 12 Sep 2023 5:48
 Operator : MA/JU
 Sample : 04235-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EYZE0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 06:30:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	85264	20.000	ng/u1	0.00
20) Naphthalene-d8	11.167	136	385816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.945	164	281519	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.694	188	730041	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.019	240	678780	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	776070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	7390	3.684	ng/uL	0.00
4) Pyridine-d5	4.069	84	9322	1.468	ng/u1	0.00
7) Phenol-d5	7.436	99	132995	15.468	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	83042	16.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.835	132	84479	15.320	ng/u1	0.00
15) 4-Methylphenol-d8	8.999	113	81948	12.336	ng/u1	0.00
21) Nitrobenzene-d5	9.516	128	51924	18.554	ng/u1	0.00
24) 2-Nitrophenol-d4	10.232	143	44415	14.464	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.755	165	95695	14.663	ng/u1	0.00
31) 4-Chloroaniline-d4	11.308	131	112127	12.776	ng/u1	0.00
46) Dimethylphthalate-d6	14.339	166	389349	17.830	ng/u1	0.00
49) Acenaphthylene-d8	14.645	160	416761	17.139	ng/u1	0.00
54) 4-Nitrophenol-d4	15.109	143	7743	2.135	ng/u1	0.00
60) Fluorene-d10	15.932	176	359892	18.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.037	200	4951	1.382	ng/u1	0.00
73) Anthracene-d10	17.794	188	577403	17.817	ng/u1	0.00
81) Pyrene-d10	20.062	212	732646	20.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.332	264	736064	19.348	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.163	105	32760	2.975	ng/u1	94
72) Phenanthrene	17.735	178	111265	3.003	ng/u1#	94
80) Fluoranthene	19.733	202	259430	6.213	ng/u1	98
82) Pyrene	20.092	202	215398	4.962	ng/u1	97
85) Benzo(a)anthracene	21.995	228	128481	2.822	ng/u1	94
87) Chrysene	22.072	228	125834	2.974	ng/u1	98
90) Benzo(b)fluoranthene	24.439	252	172463m	3.731	ng/u1	
91) Benzo(k)fluoranthene	24.498	252	71124m	1.505	ng/u1	
93) Benzo(a)pyrene	25.409	252	110940	2.572	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	29.692	276	89444m	1.641	ng/u1	
96) Benzo(g,h,i)perylene	31.002	276	82431m	1.911	ng/u1	

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

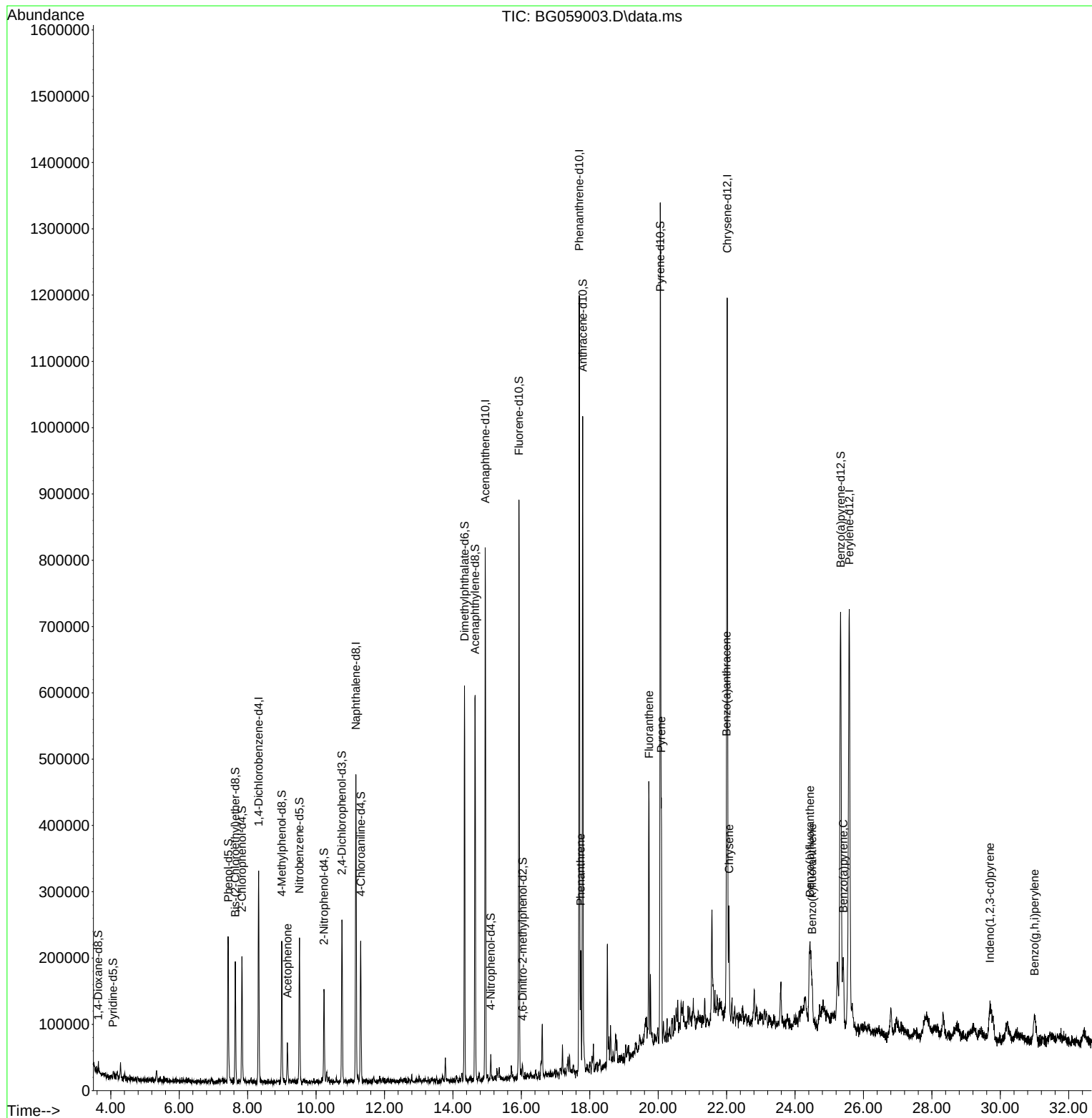
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059003.D
Acq On : 12 Sep 2023 5:48
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Sample : 04235-03
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ALS Vial : 6 Sample Multiplier: 1

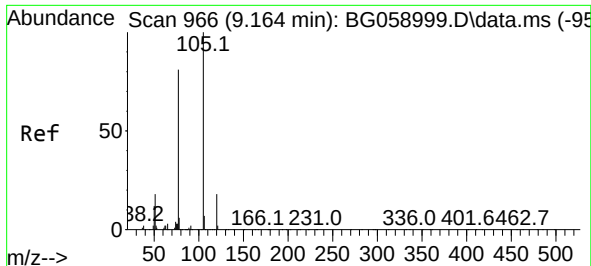
Instrument :
BNA_G
ClientSampleId :
EZYEO

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Quant Title : SVOA CALIBRATION
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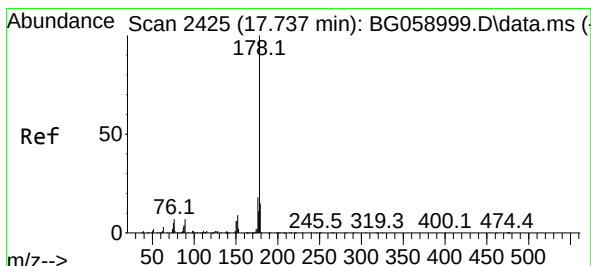
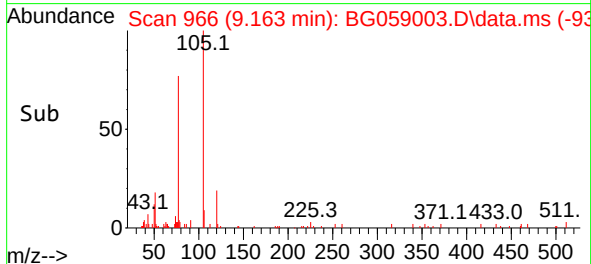
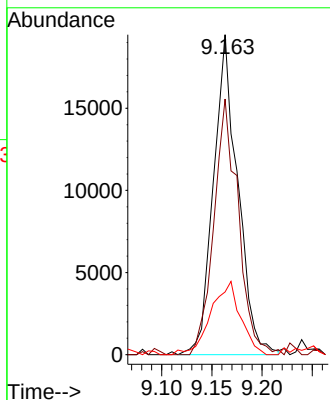
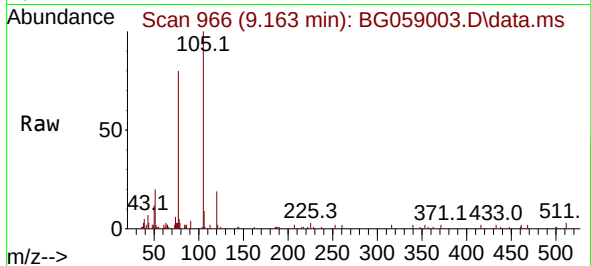
#16
Acetophenone
Concen: 2.975 ng/ul
RT: 9.163 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

Instrument :
BNA_G
ClientSampleId :
EZYEO

Tgt Ion:105 Resp: 32760
Ion Ratio Lower Upper
105 100
77 79.9 67.3 100.9
51 19.6 19.3 28.9

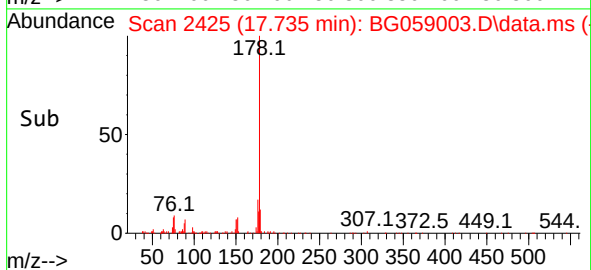
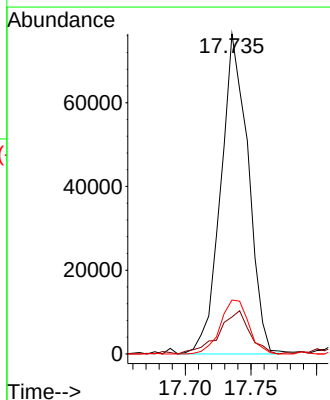
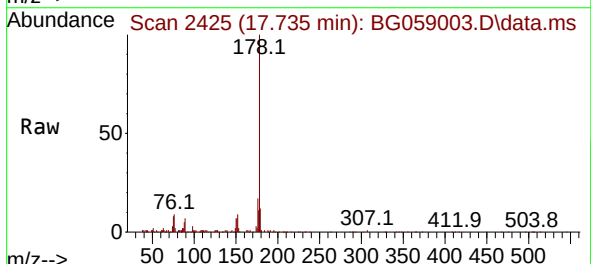
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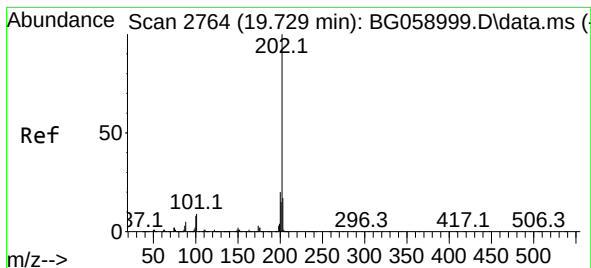
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Phenanthrene
Concen: 3.003 ng/ul
RT: 17.735 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

Tgt Ion:178 Resp: 111265
Ion Ratio Lower Upper
178 100
179 11.6 11.8 17.8#
176 16.9 15.1 22.7





#80

Fluoranthene

Concen: 6.213 ng/u1

RT: 19.733 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059003.D

Acq: 12 Sep 2023 5:48

Instrument :

BNA_G

ClientSampleId :

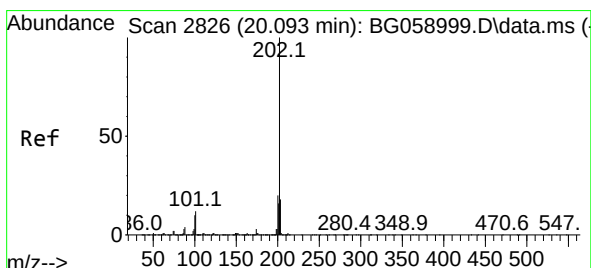
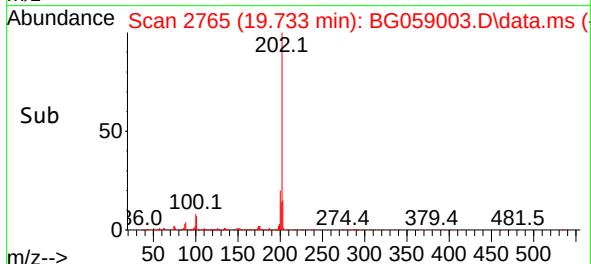
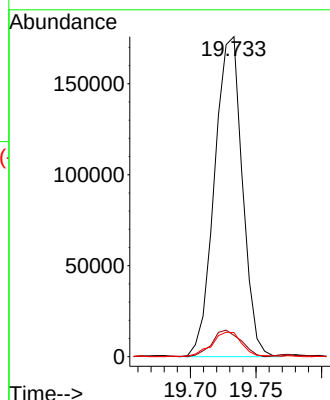
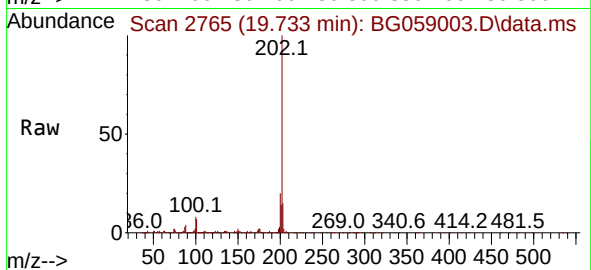
EZYEO

Tgt Ion:202 Resp: 259430
 Ion Ratio Lower Upper
 202 100
 101 6.7 6.1 9.1
 100 7.5 5.9 8.9

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Reviewed By :Yogesh Patel 09/12/2023
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#82

Pyrene

Concen: 4.962 ng/u1

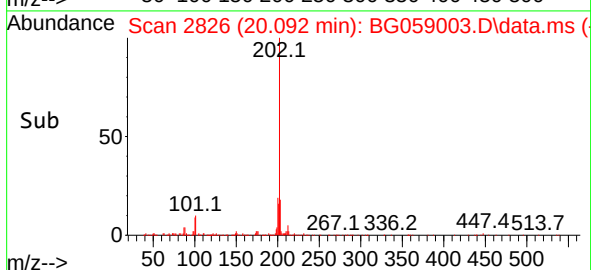
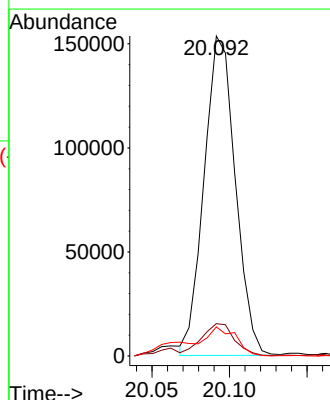
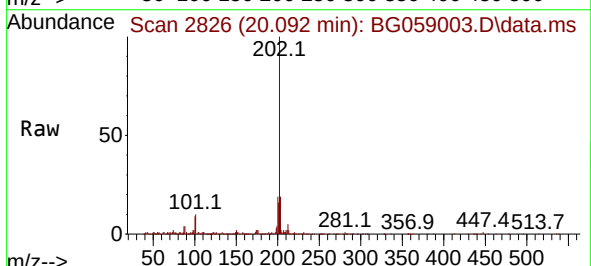
RT: 20.092 min Scan# 2826

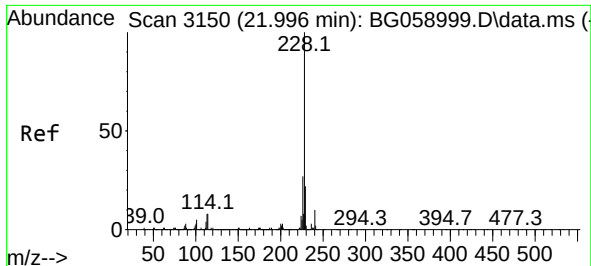
Delta R.T. -0.007 min

Lab File: BG059003.D

Acq: 12 Sep 2023 5:48

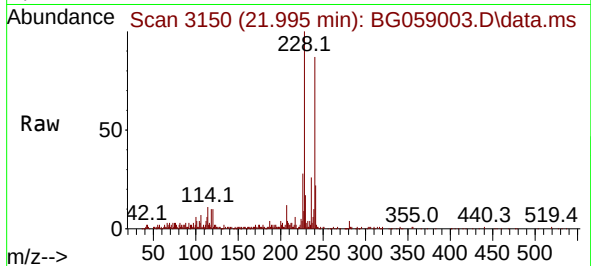
Tgt Ion:202 Resp: 215398
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.5 11.3
 100 9.1 6.3 9.5





#85
Benzo(a)anthracene
Concen: 2.822 ng/u1
RT: 21.995 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

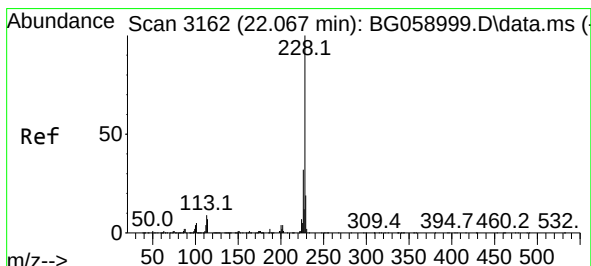
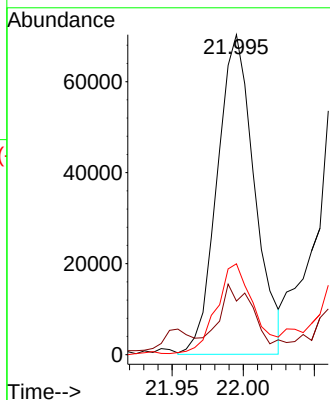
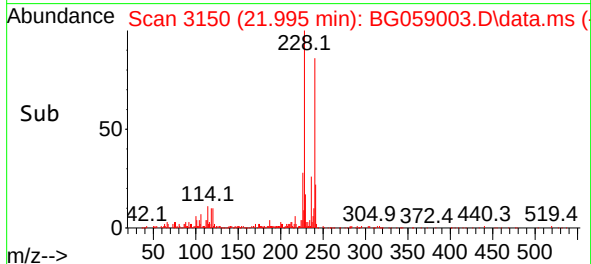
Instrument :
BNA_G
ClientSampleId :
EZYEO



Tgt Ion:228 Resp: 12848
Ion Ratio Lower Upper
228 100
229 16.7 16.0 24.0
226 28.4 20.8 31.2

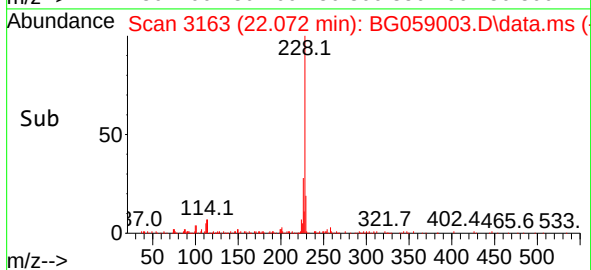
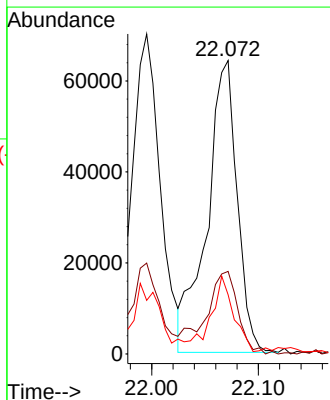
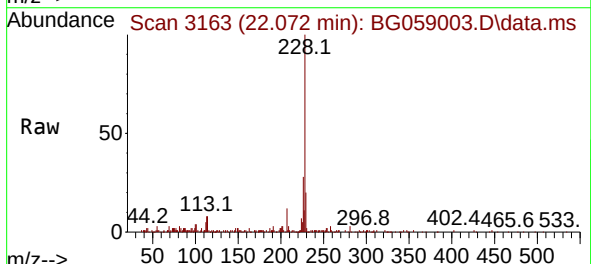
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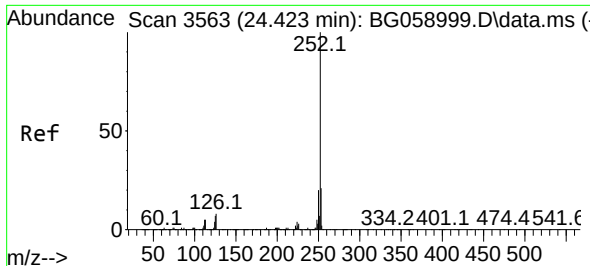
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#87
Chrysene
Concen: 2.974 ng/u1
RT: 22.072 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

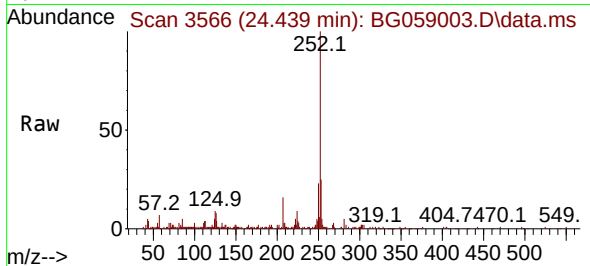
Tgt Ion:228 Resp: 125834
Ion Ratio Lower Upper
228 100
226 28.2 23.2 34.8
229 20.2 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 3.731 ng/ul m
RT: 24.439 min Scan# 3563
Delta R.T. 0.005 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

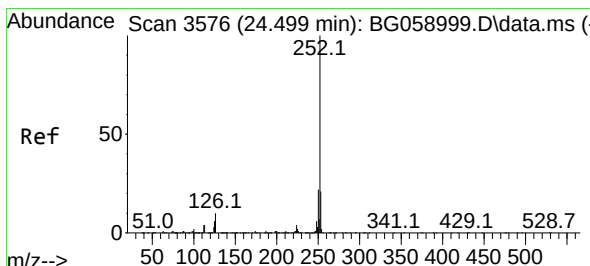
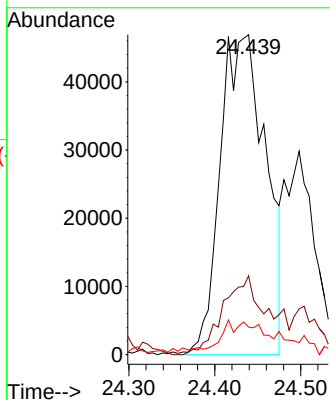
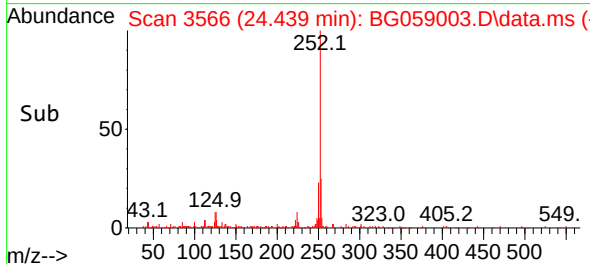
Instrument :
BNA_G
ClientSampleId :
EZYEO



Tgt Ion:252 Resp: 17246
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 8.6 6.2 9.2

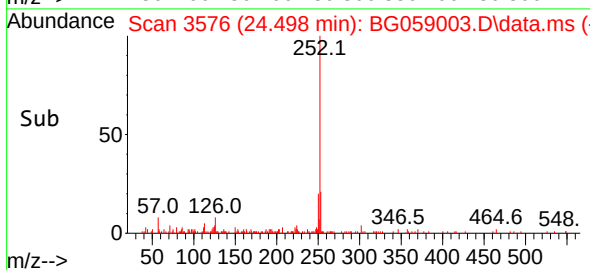
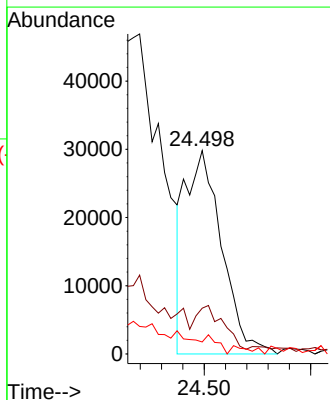
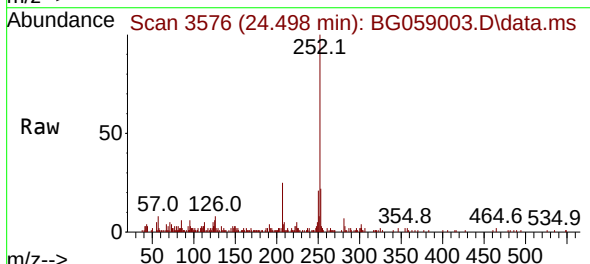
Manual Integrations
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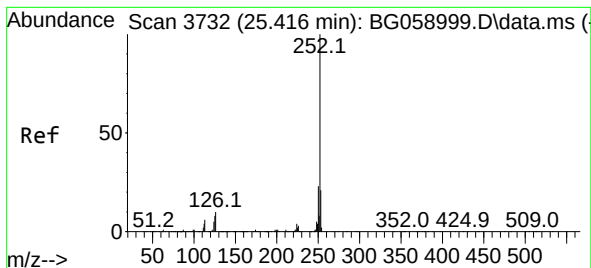
Reviewed By :Yogesh Patel 09/12/2023
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#91
Benzo(k)fluoranthene
Concen: 1.505 ng/ul m
RT: 24.498 min Scan# 3576
Delta R.T. -0.013 min
Lab File: BG059003.D
Acq: 12 Sep 2023 5:48

Tgt Ion:252 Resp: 71124
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 5.9 5.0 7.4





#93

Benzo(a)pyrene

Concen: 2.572 ng/ul

RT: 25.409 min Scan# 31

Delta R.T. -0.019 min

Lab File: BG059003.D

Acq: 12 Sep 2023 5:48

Instrument :

BNA_G

ClientSampleId :

EZYEO

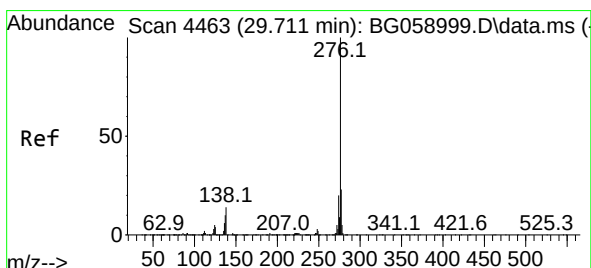
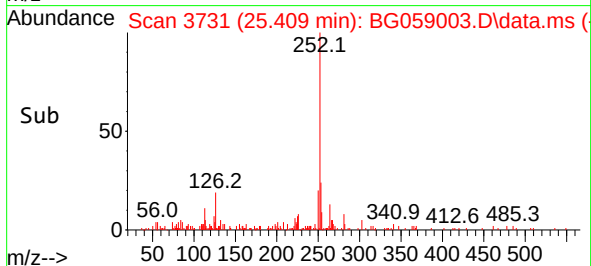
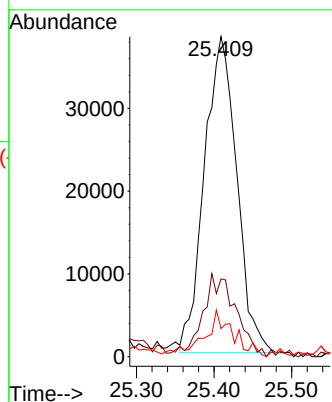
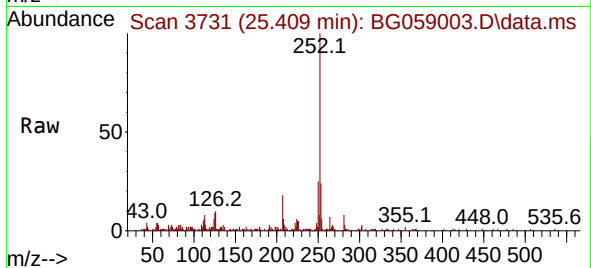
Tgt Ion:	252	Resp:	110940
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	8.8	5.3	7.9

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.641 ng/ul m

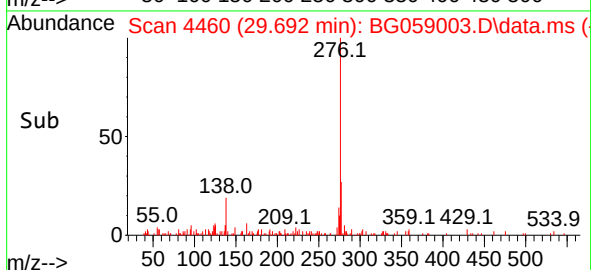
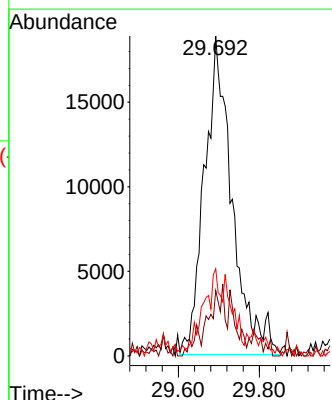
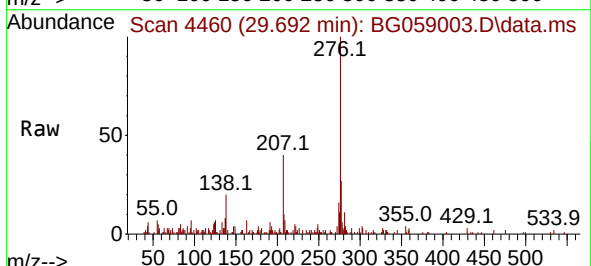
RT: 29.692 min Scan# 4460

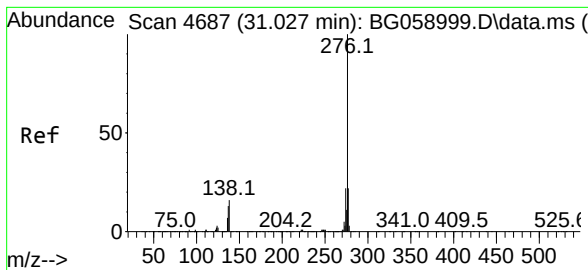
Delta R.T. -0.025 min

Lab File: BG059003.D

Acq: 12 Sep 2023 5:48

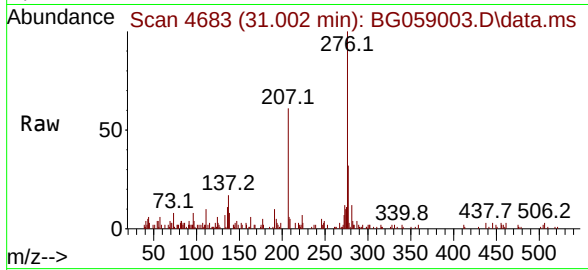
Tgt Ion:	276	Resp:	89444
Ion Ratio	Lower	Upper	
276	100		
138	20.4	11.8	17.8
277	27.3	20.7	31.1





#96
 Benzo(g,h,i)perylene
 Concen: 1.911 ng/ul m
 RT: 31.002 min Scan# 4
 Delta R.T. -0.036 min
 Lab File: BG059003.D
 Acq: 12 Sep 2023 5:48

Instrument :
 BNA_G
 ClientSampleId :
 EYZE0



Tgt Ion:	276	Resp:	8243
Ion Ratio	Lower	Upper	
276	100		
138	8.3	11.4	17.2
277	31.8	17.4	26.2

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