

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059580.D
 Acq On : 1 Nov 2023 15:20
 Operator : MA/JU
 Sample : 04922-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAT1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 03:18:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	73657	20.000	ng/u1	0.00
20) Naphthalene-d8	11.208	136	351843	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.986	164	223653	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.735	188	455658m	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	331613	20.000	ng/u1	0.00
88) Perylene-d12	25.679	264	368608	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	3510	1.783	ng/uL	0.00
4) Pyridine-d5	4.098	84	9053	1.646	ng/u1	0.00
7) Phenol-d5	7.465	99	78265	10.340	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	37653	10.830	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	68273	11.118	ng/u1	0.00
15) 4-Methylphenol-d8	9.040	113	45501	7.577	ng/u1	0.00
21) Nitrobenzene-d5	9.557	128	36452	14.571	ng/u1	0.00
24) 2-Nitrophenol-d4	10.274	143	41309	16.084	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.802	165	71188	12.581	ng/u1	0.00
31) 4-Chloroaniline-d4	11.349	131	69600	7.472	ng/u1	0.00
46) Dimethylphthalate-d6	14.381	166	263815	13.020	ng/u1	0.00
49) Acenaphthylene-d8	14.686	160	311109	13.083	ng/u1	0.00
54) 4-Nitrophenol-d4	15.150	143	36605	10.535	ng/u1	0.00
60) Fluorene-d10	15.973	176	238181	13.755	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.073	200	16485m	7.640	ng/u1	0.00
73) Anthracene-d10	17.835	188	356481	14.441	ng/u1	0.00
81) Pyrene-d10	20.109	212	341567	14.819	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.432	264	307318	14.158	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.204	105	37814	3.995	ng/u1	89
72) Phenanthrene	17.782	178	60358m	2.038	ng/u1	
80) Fluoranthene	19.774	202	120681	4.295	ng/u1#	95
82) Pyrene	20.139	202	110126	3.773	ng/u1#	96
85) Benzo(a)anthracene	22.048	228	56242	2.061	ng/u1	98
87) Chrysene	22.124	228	48413	1.907	ng/u1	93
90) Benzo(b)fluoranthene	24.528	252	98148m	3.673	ng/u1	
93) Benzo(a)pyrene	25.509	252	53359	2.113	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	29.868	276	46890m	1.465	ng/u1	
96) Benzo(g,h,i)perylene	31.202	276	32735m	1.250	ng/u1	

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

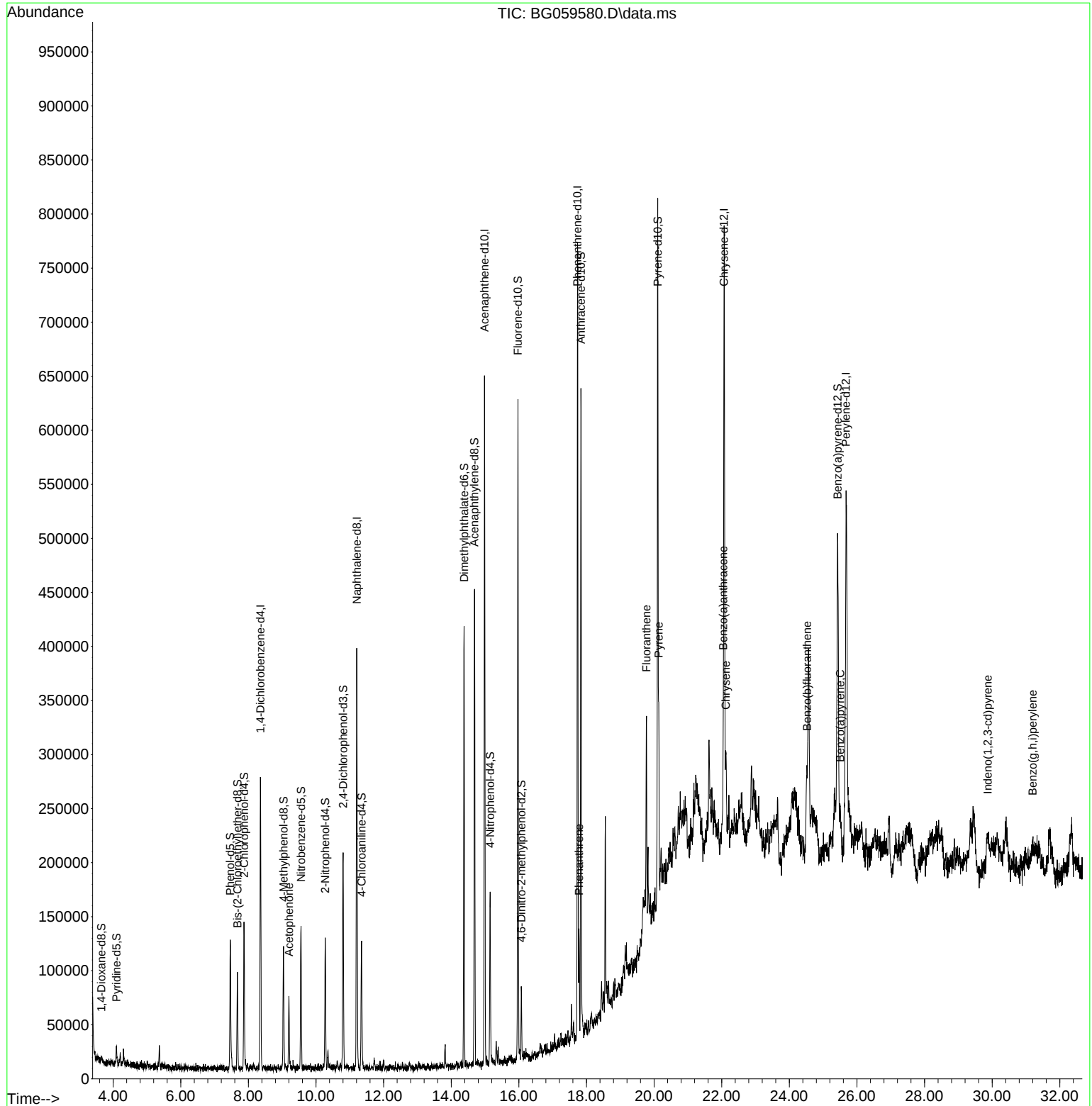
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059580.D
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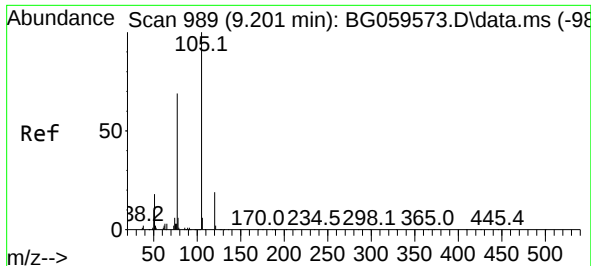
Instrument :
BNA_G
ClientSampleId :
EOAT1

Quant Time: Nov 02 03:18:23 2023
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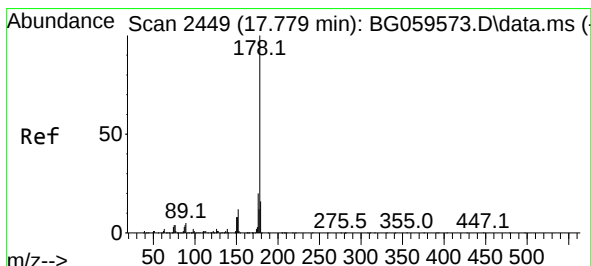
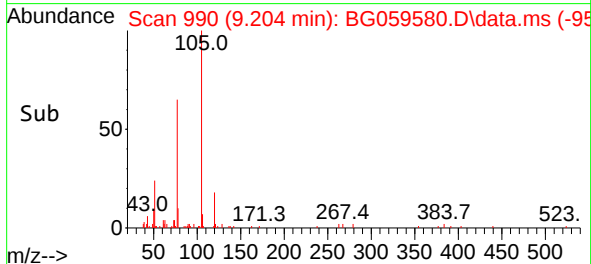
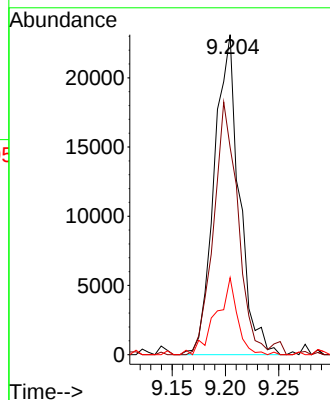
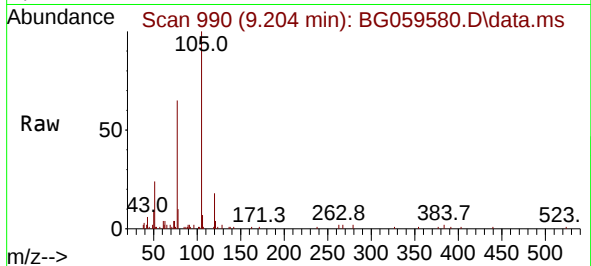
#16
Acetophenone
Concen: 3.995 ng/ul
RT: 9.204 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20

Instrument :
BNA_G
ClientSampleId :
EOAT1

Tgt Ion:105 Resp: 37814
Ion Ratio Lower Upper
105 100
77 64.8 59.6 89.4
51 24.1 16.2 24.4

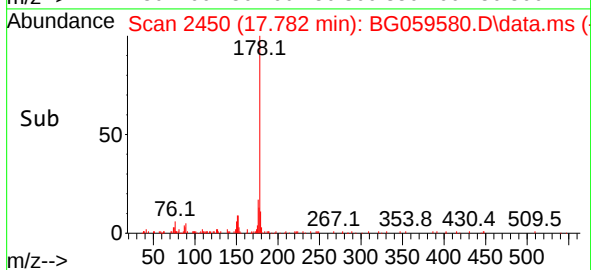
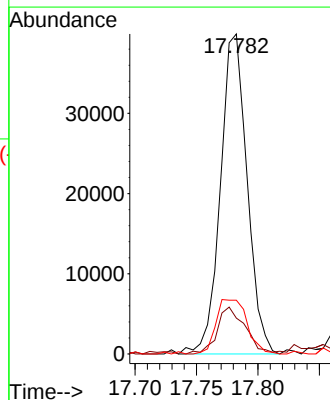
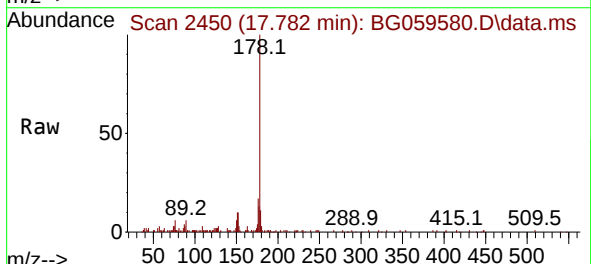
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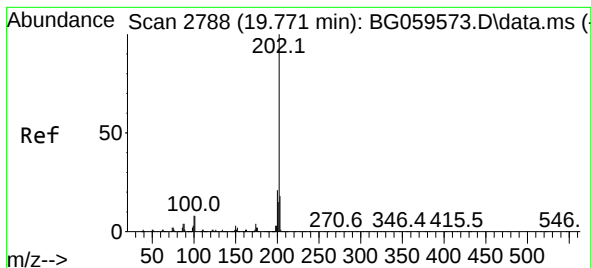
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#72
Phenanthrene
Concen: 2.038 ng/ul m
RT: 17.782 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20

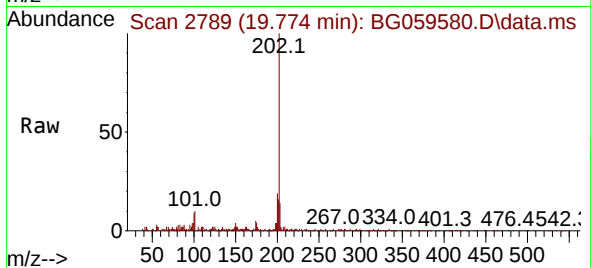
Tgt Ion:178 Resp: 60358
Ion Ratio Lower Upper
178 100
179 11.2 11.3 16.9#
176 16.8 15.4 23.0





#80
Fluoranthene
Concen: 4.295 ng/ul
RT: 19.774 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20

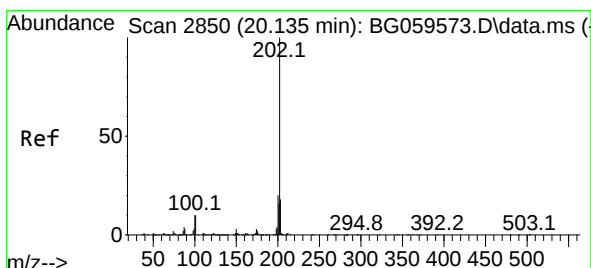
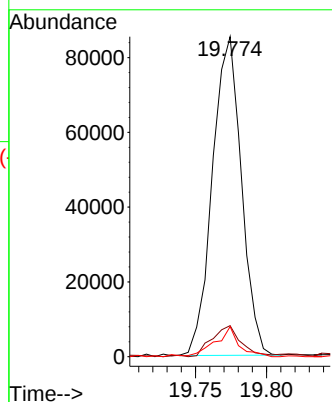
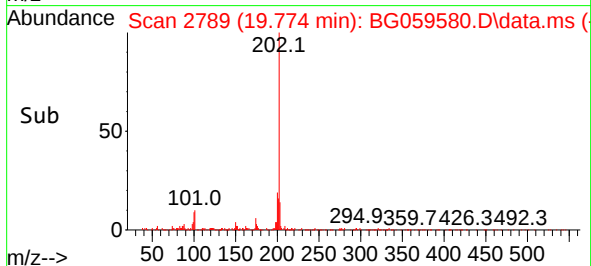
Instrument :
BNA_G
ClientSampleId :
EOAT1



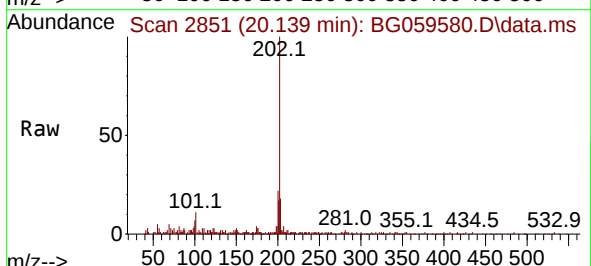
Tgt Ion:202 Resp: 12068
Ion Ratio Lower Upper
202 100
101 9.7 7.0 10.6
100 9.4 5.2 7.8

Manual Integrations
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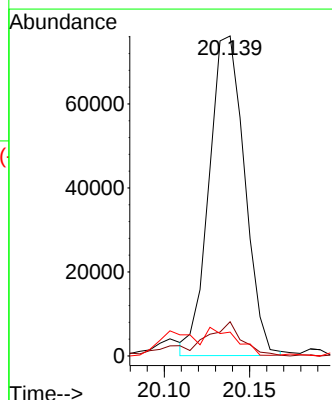
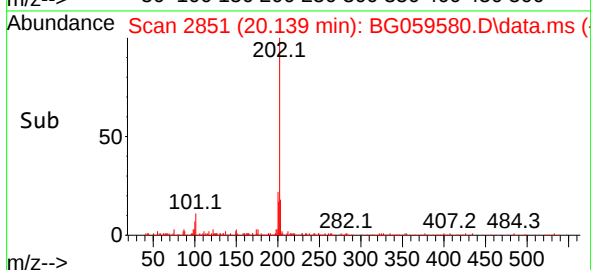
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

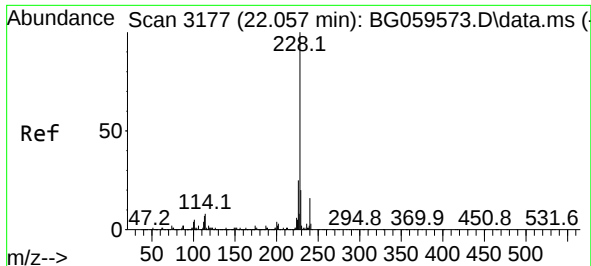


#82
Pyrene
Concen: 3.773 ng/ul
RT: 20.139 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20



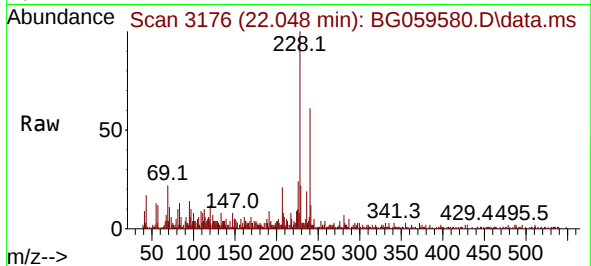
Tgt Ion:202 Resp: 110126
Ion Ratio Lower Upper
202 100
101 10.7 7.9 11.9
100 7.4 7.9 11.9#





#85
Benzo(a)anthracene
Concen: 2.061 ng/uI
RT: 22.048 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20

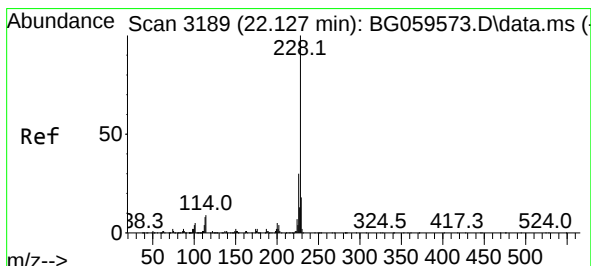
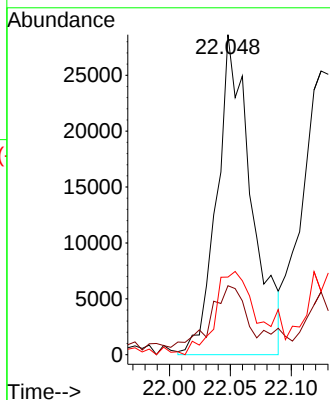
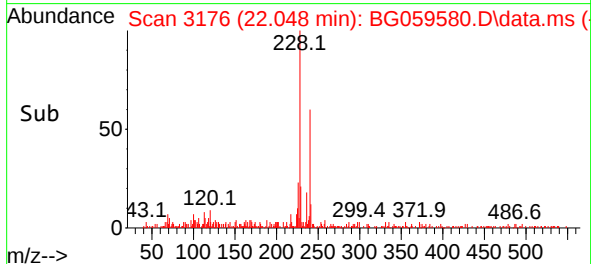
Instrument :
BNA_G
ClientSampleId :
EOAT1



Tgt Ion:228 Resp: 5624
Ion Ratio Lower Upper
228 100
229 21.6 16.7 25.1
226 24.3 20.3 30.5

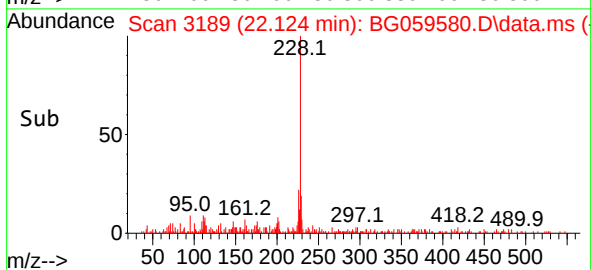
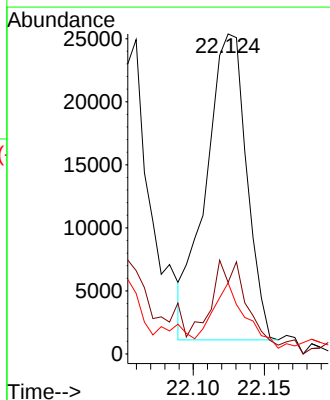
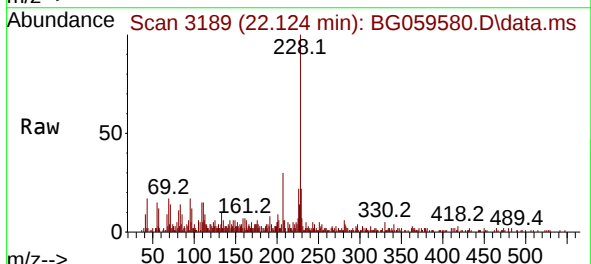
Manual Integrations
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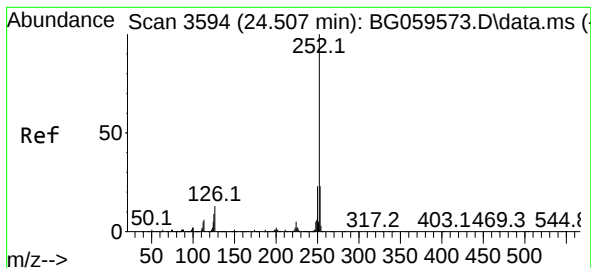
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#87
Chrysene
Concen: 1.907 ng/uI
RT: 22.124 min Scan# 3189
Delta R.T. -0.009 min
Lab File: BG059580.D
Acq: 1 Nov 2023 15:20

Tgt Ion:228 Resp: 48413
Ion Ratio Lower Upper
228 100
226 22.3 21.0 31.4
229 22.2 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 3.673 ng/ul m

RT: 24.528 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Instrument :

BNA_G

ClientSampleId :

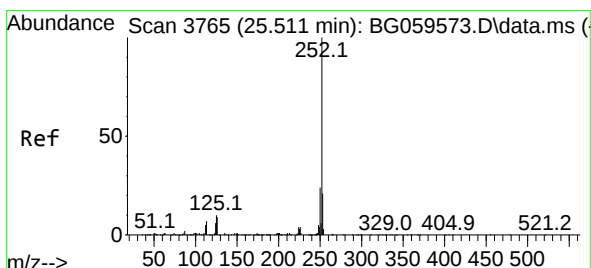
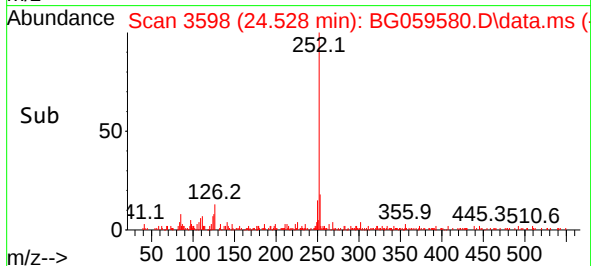
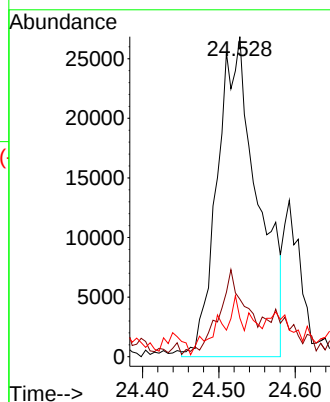
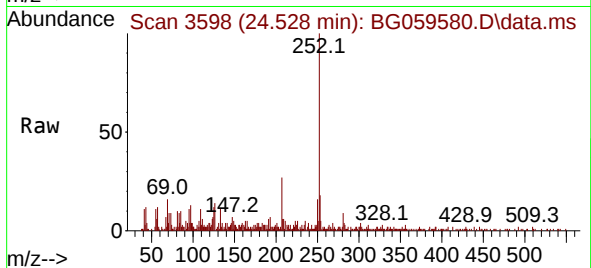
EOAT1

Tgt Ion:252	Resp:	9814
Ion Ratio	Lower	Upper
252	100	
253	18.0	17.8 26.8
125	12.1	8.6 13.0

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.113 ng/ul

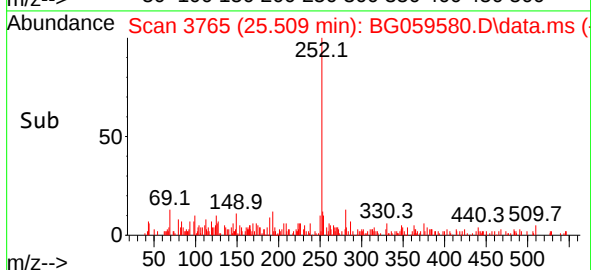
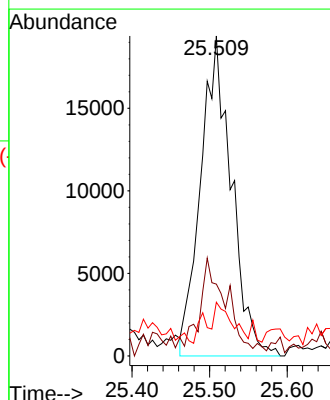
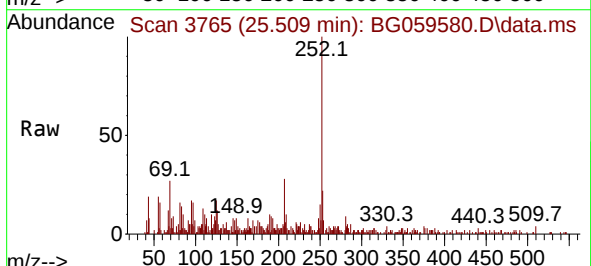
RT: 25.509 min Scan# 3765

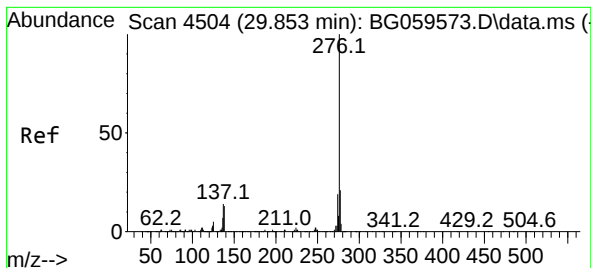
Delta R.T. -0.009 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Tgt Ion:252	Resp:	53359
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.5 27.7
125	16.8	7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.465 ng/ul m

RT: 29.868 min Scan# 4

Delta R.T. -0.021 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Instrument :

BNA_G

ClientSampleId :

EOAT1

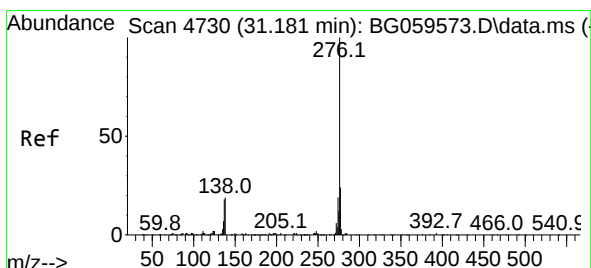
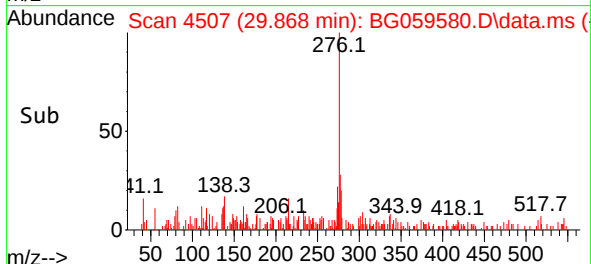
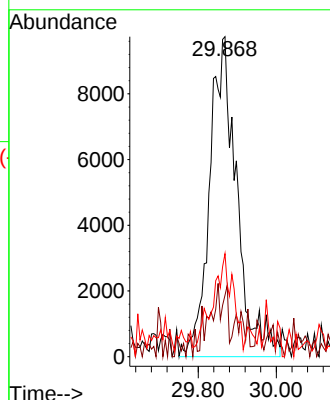
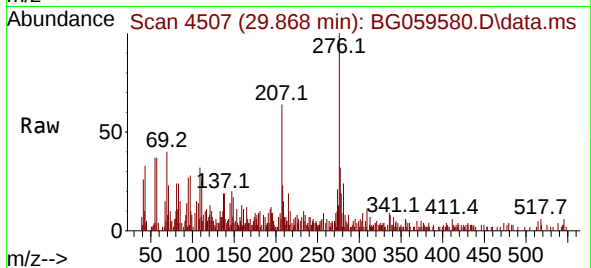
Tgt Ion:	276	Resp:	46890
Ion Ratio	Lower	Upper	
276	100		
138	19.2	15.3	22.9
277	32.2	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 11/03/2023



#96

Benzo(g,h,i)perylene

Concen: 1.250 ng/ul m

RT: 31.202 min Scan# 4734

Delta R.T. -0.015 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Tgt Ion:	276	Resp:	32735
Ion Ratio	Lower	Upper	
276	100		
138	16.8	16.2	24.2
277	28.4	18.2	27.4

