

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059585.D
 Acq On : 1 Nov 2023 20:05
 Operator : MA/JU
 Sample : 04922-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAT8

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 03:34:36 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	8.353	152	89194	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	559275	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	346629	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	742284	20.000	ng/u1	0.00
79) Chrysene-d12	22.073	240	548353	20.000	ng/u1	# 0.00
88) Perylene-d12	25.674	264	615288	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	3056	1.282	ng/uL	0.00
4) Pyridine-d5	4.094	84	9352	1.404	ng/u1	0.00
7) Phenol-d5	7.466	99	80466	8.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	41190	9.784	ng/u1	0.00
11) 2-Chlorophenol-d4	7.872	132	74599	10.032	ng/u1	0.00
15) 4-Methylphenol-d8	9.035	113	67380	9.266	ng/u1	0.00
21) Nitrobenzene-d5	9.552	128	38564	9.698	ng/u1	0.00
24) 2-Nitrophenol-d4	10.275	143	60831	14.901	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	95782	10.649	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	127923	8.640	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	335309	10.677	ng/u1	-0.01
49) Acenaphthylene-d8	14.687	160	414309	11.242	ng/u1	0.00
54) 4-Nitrophenol-d4	15.145	143	38524	7.154	ng/u1	0.00
60) Fluorene-d10	15.974	176	314477	11.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.068	200	24913	7.087	ng/u1	-0.01
73) Anthracene-d10	17.836	188	448418	11.151	ng/u1	0.00
81) Pyrene-d10	20.104	212	502811	13.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.422	264	448658	12.383	ng/u1	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	9.199	105	29218	2.549	ng/u1#	92
72) Phenanthrene	17.778	178	146644	3.039	ng/u1	97
80) Fluoranthene	19.769	202	303679	6.536	ng/u1	98
82) Pyrene	20.134	202	241657	5.007	ng/u1#	93
85) Benzo(a)anthracene	22.049	228	120228	2.664	ng/u1	92
87) Chrysene	22.125	228	118935m	2.833	ng/u1	
90) Benzo(b)fluoranthene	24.505	252	164593m	3.690	ng/u1	
91) Benzo(k)fluoranthene	24.581	252	56598m	1.270	ng/u1	
93) Benzo(a)pyrene	25.504	252	104470m	2.478	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.858	276	81049m	1.517	ng/u1	
96) Benzo(g,h,i)perylene	31.180	276	65057m	1.488	ng/u1	

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

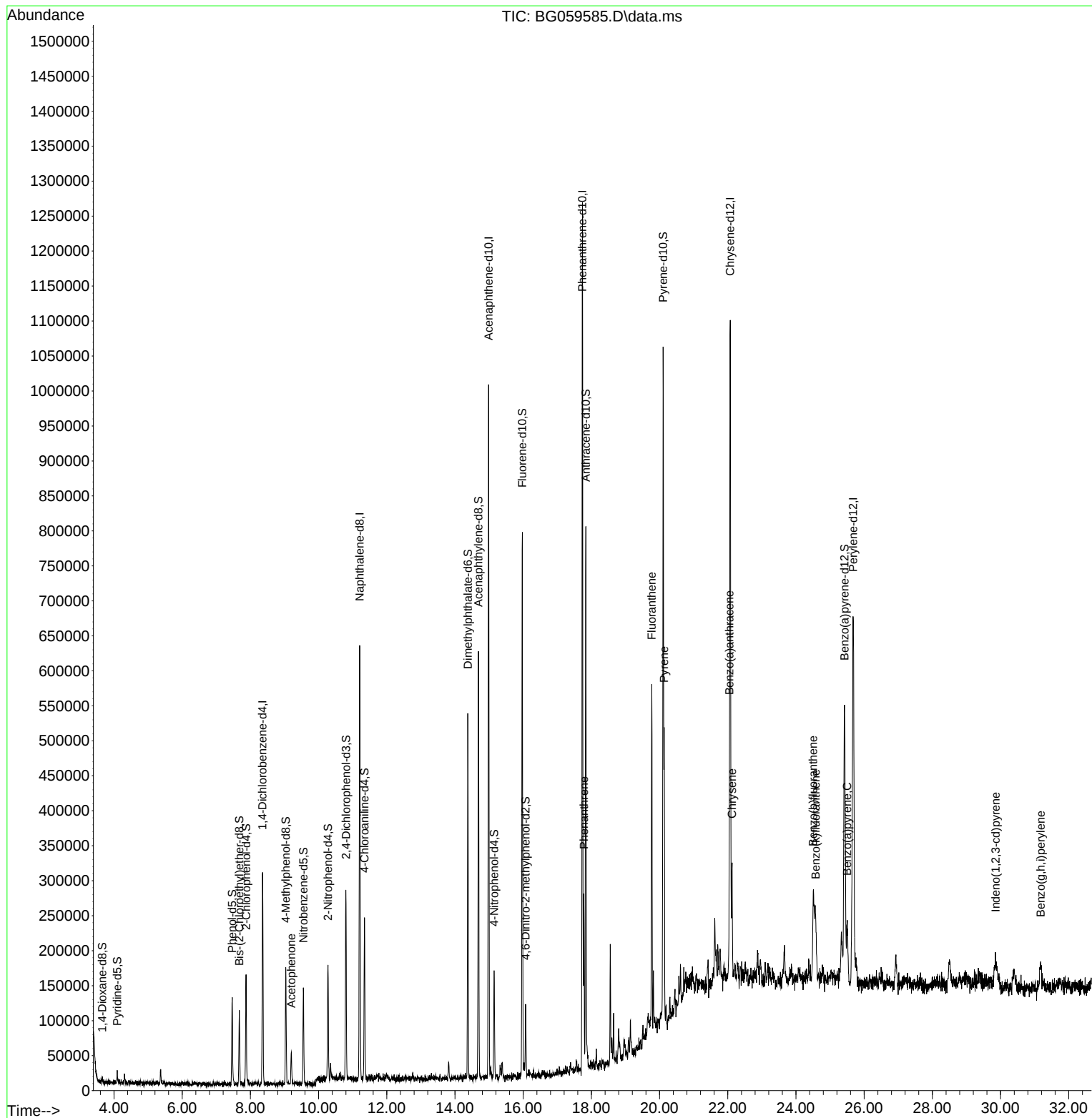
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059585.D
Acq On : 1 Nov 2023 20:05
Operator : MA/JU
Sample : 04922-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

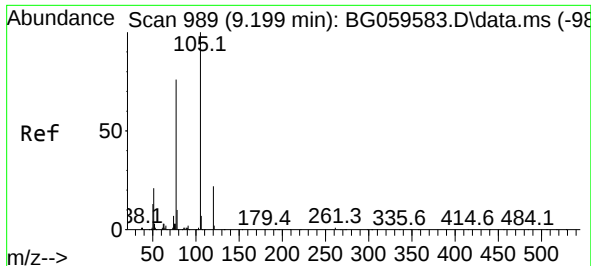
Instrument :
BNA_G
ClientSampleId :
EOAT8

Quant Time: Nov 02 03:34:36 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

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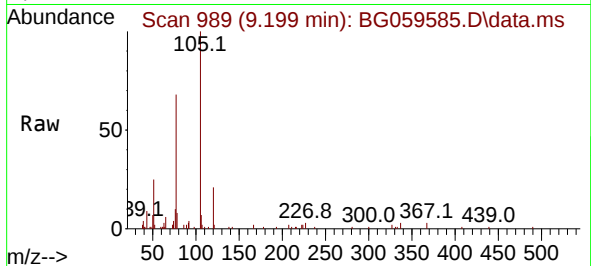
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023





#16
Acetophenone
Concen: 2.549 ng/ul
RT: 9.199 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

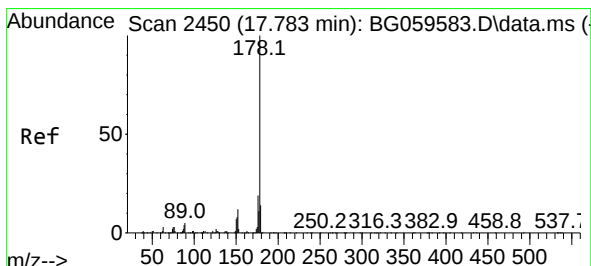
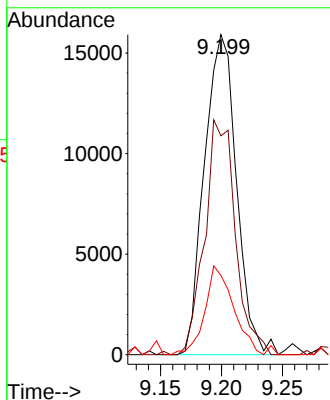
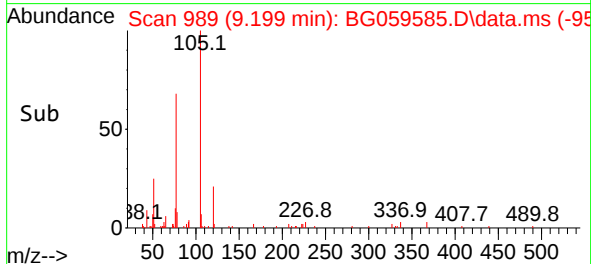
Instrument :
BNA_G
ClientSampleId :
EOAT8



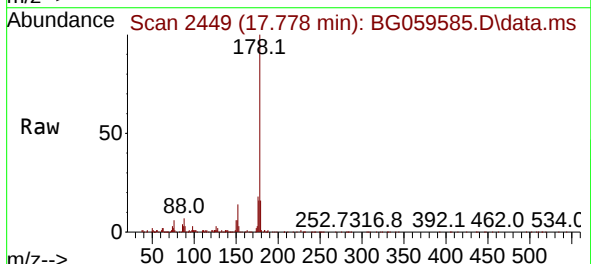
Tgt Ion	Ratio	Lower	Upper
105	100		
77	68.4	59.6	89.4
51	24.7	16.2	24.4

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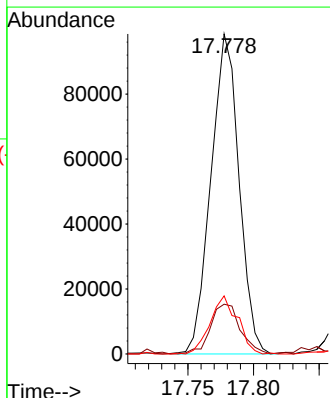
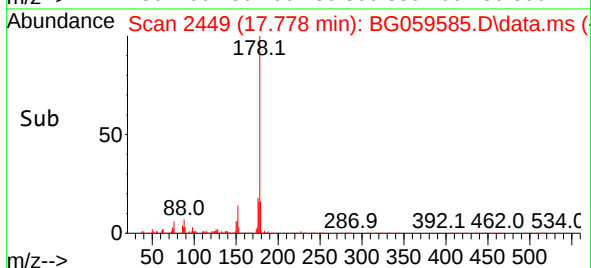
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

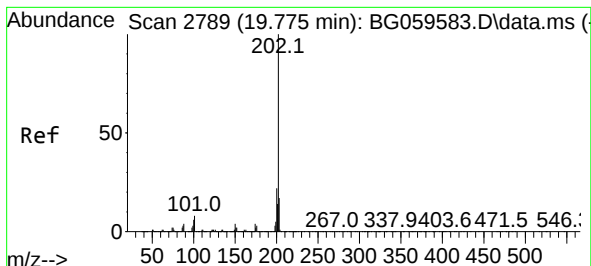


#72
Phenanthrene
Concen: 3.039 ng/ul
RT: 17.778 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.3	16.9
176	18.2	15.4	23.0





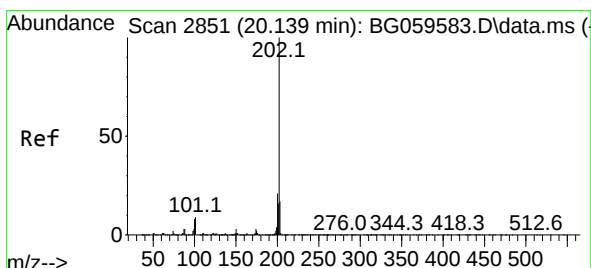
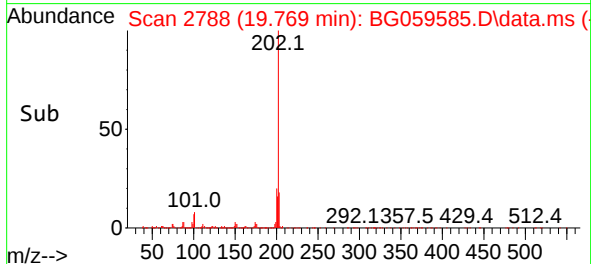
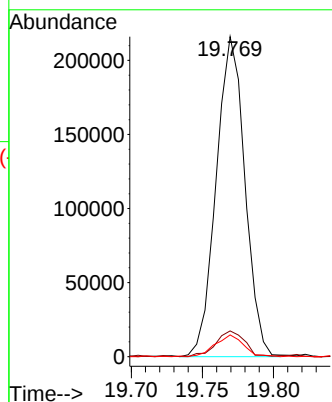
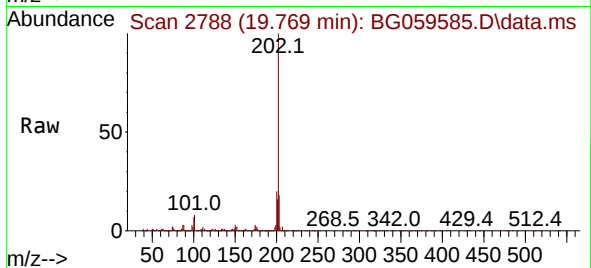
#80
Fluoranthene
Concen: 6.536 ng/uI
RT: 19.769 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

Instrument :
BNA_G
ClientSampleId :
EOAT8

Tgt Ion:202 Resp: 303679
Ion Ratio Lower Upper
202 100
101 8.0 7.0 10.6
100 6.8 5.2 7.8

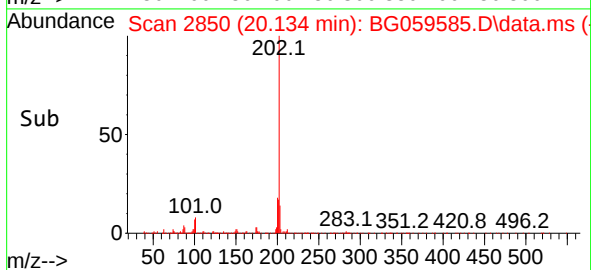
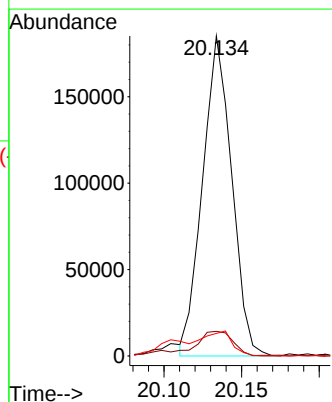
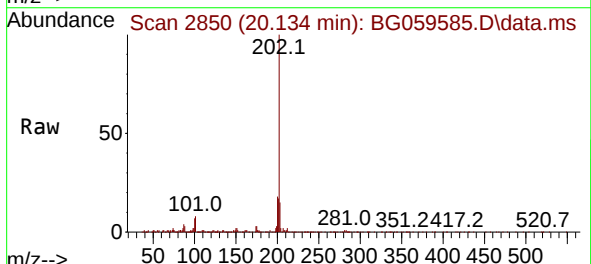
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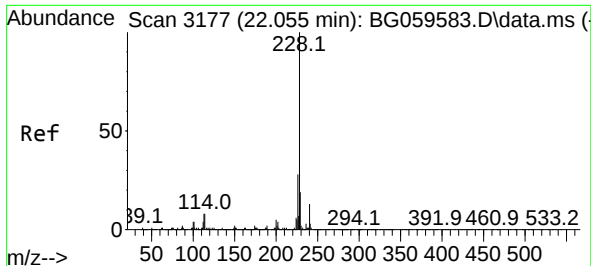
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#82
Pyrene
Concen: 5.007 ng/uI
RT: 20.134 min Scan# 2850
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

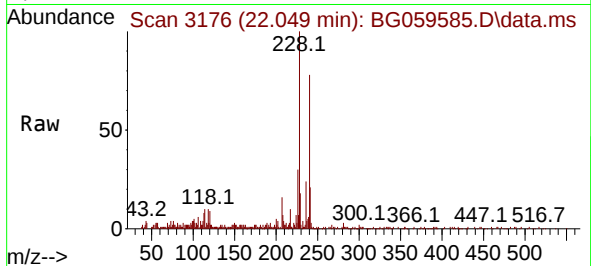
Tgt Ion:202 Resp: 241657
Ion Ratio Lower Upper
202 100
101 7.7 7.9 11.9#
100 7.0 7.9 11.9#





#85
Benzo(a)anthracene
Concen: 2.664 ng/ul
RT: 22.049 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

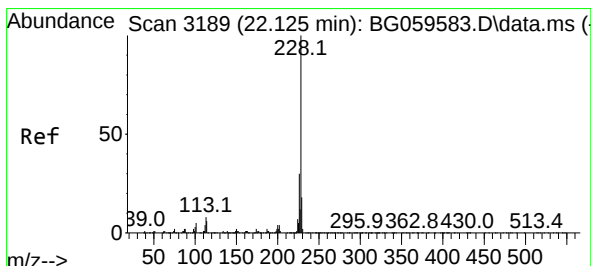
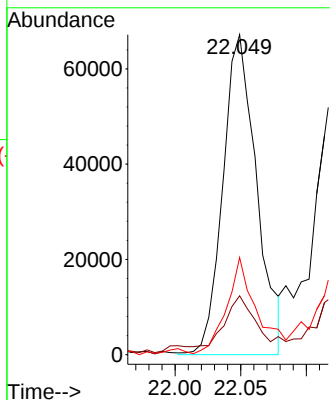
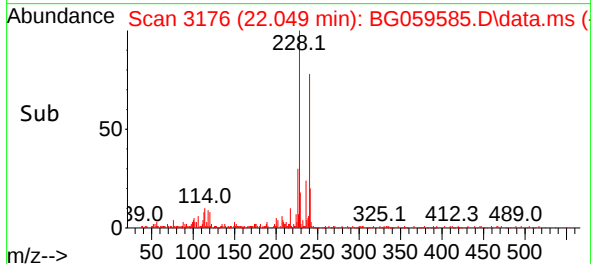
Instrument :
BNA_G
ClientSampleId :
EOAT8



Tgt Ion:228 Resp: 120228
Ion Ratio Lower Upper
228 100
229 18.4 16.7 25.1
226 30.4 20.3 30.5

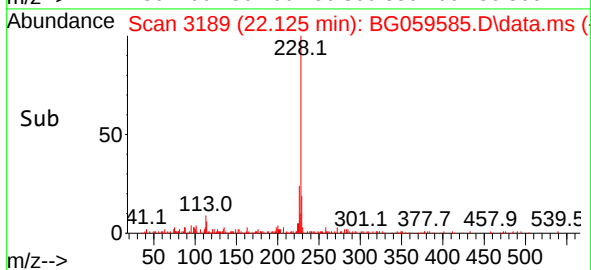
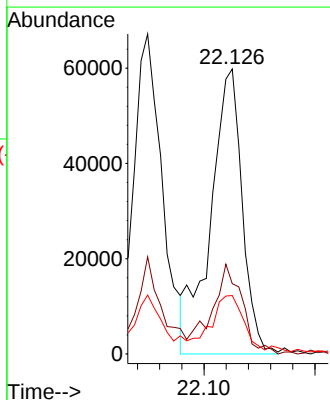
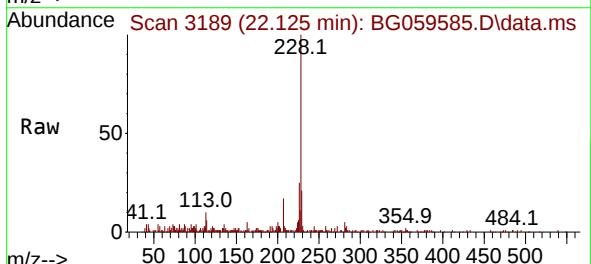
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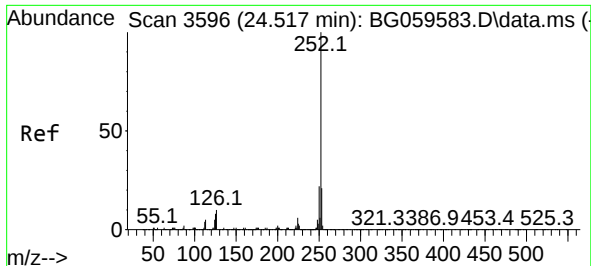
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#87
Chrysene
Concen: 2.833 ng/ul m
RT: 22.125 min Scan# 3189
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

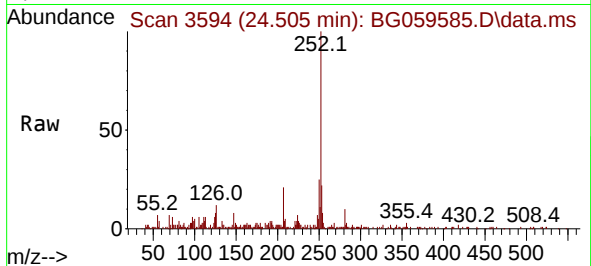
Tgt Ion:228 Resp: 118935
Ion Ratio Lower Upper
228 100
226 24.6 21.0 31.4
229 20.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 3.690 ng/ul m
RT: 24.505 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

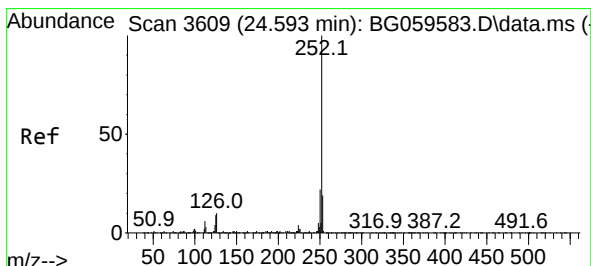
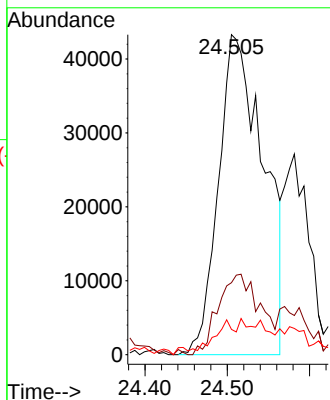
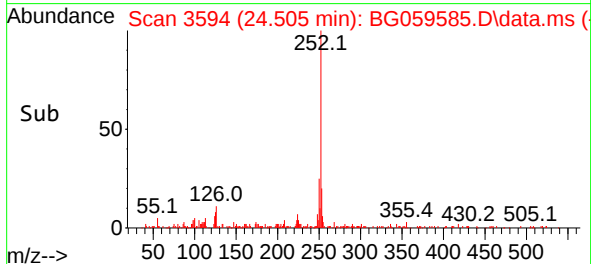
Instrument :
BNA_G
ClientSampleId :
EOAT8



Tgt Ion:252 Resp: 16459
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.9 8.6 13.0

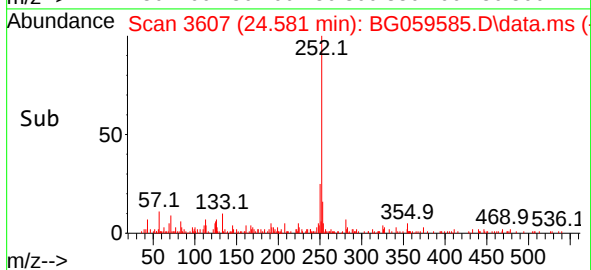
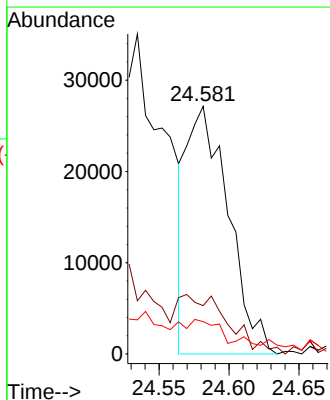
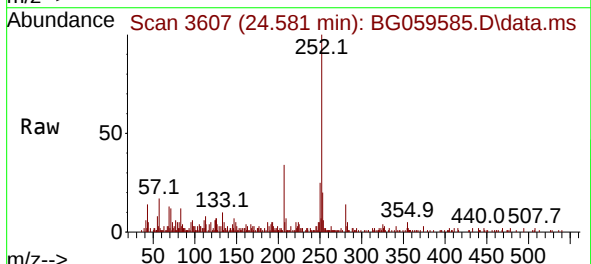
Manual Integrations
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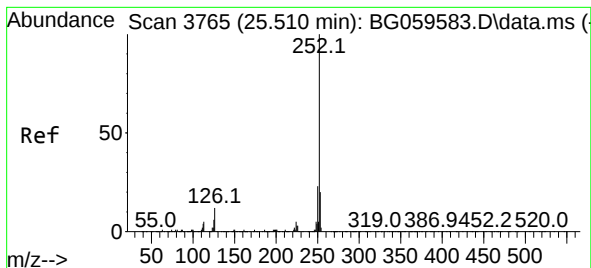
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#91
Benzo(k)fluoranthene
Concen: 1.270 ng/ul m
RT: 24.581 min Scan# 3607
Delta R.T. -0.020 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

Tgt Ion:252 Resp: 56598
Ion Ratio Lower Upper
252 100
253 19.5 17.9 26.9
125 7.1 7.9 11.9





#93

Benzo(a)pyrene

Concen: 2.478 ng/ul m

RT: 25.504 min Scan# 3764

Delta R.T. -0.014 min

Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

Instrument :

BNA_G

ClientSampleId :

EOAT8

Tgt Ion:252 Resp: 104470

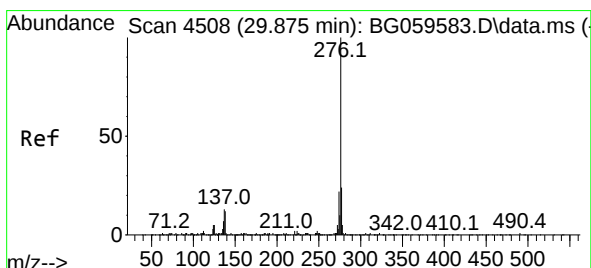
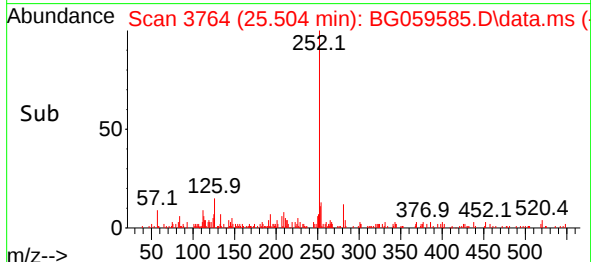
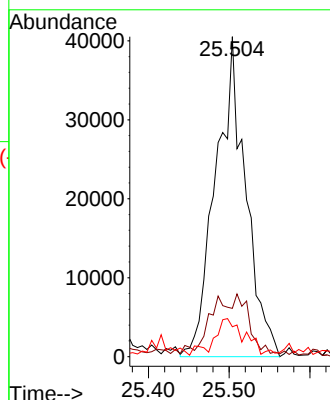
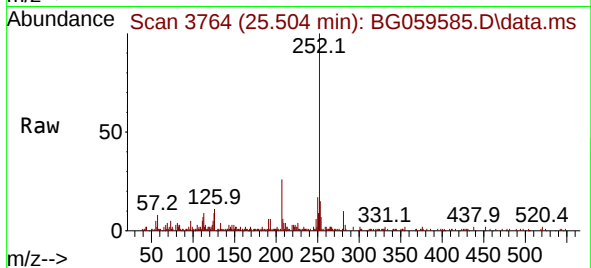
Ion	Ratio	Lower	Upper
252	100		
253	15.1	18.5	27.7
125	9.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.517 ng/ul m

RT: 29.858 min Scan# 4505

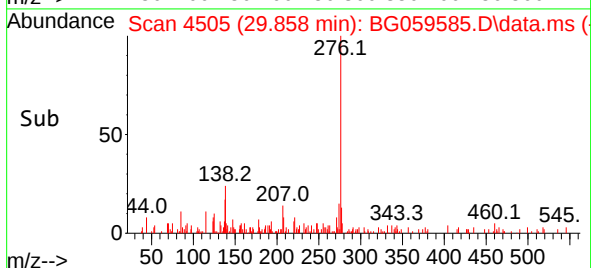
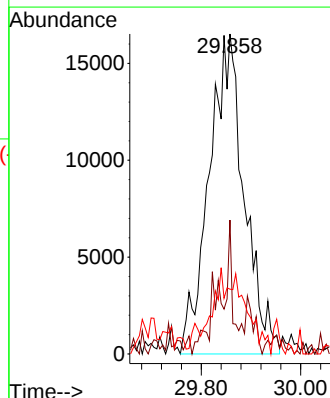
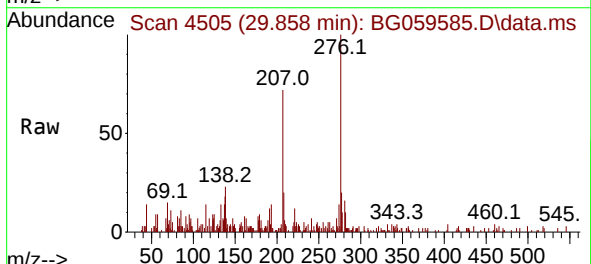
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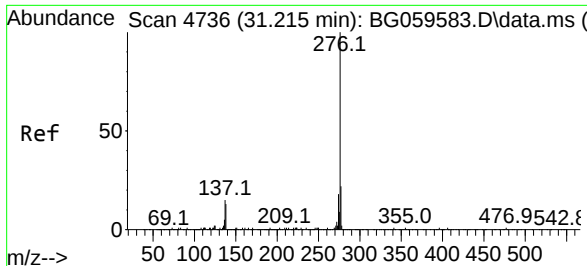
Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

Tgt Ion:276 Resp: 81049

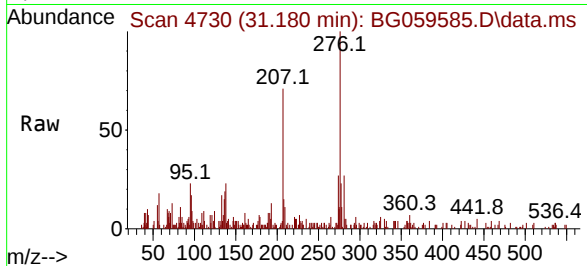
Ion	Ratio	Lower	Upper
276	100		
138	23.4	15.3	22.9
277	20.2	16.4	24.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.488 ng/ul m
 RT: 31.180 min Scan# 4730
 Delta R.T. -0.037 min
 Lab File: BG059585.D
 Acq: 1 Nov 2023 20:05

Instrument :
 BNA_G
 ClientSampleId :
 EOAT8



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	16.2	24.2
277	23.5	18.2	27.4

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