

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059575.D
 Acq On : 1 Nov 2023 11:57
 Operator : MA/JU
 Sample : 04922-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAQ3

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 02:46:21 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	81262	20.000	ng/u1	0.00
20) Naphthalene-d8	11.208	136	364046	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.986	164	206800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.735	188	399500	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	294311	20.000	ng/u1	0.00
88) Perylene-d12	25.685	264	345890	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	5848	2.693	ng/uL	0.00
4) Pyridine-d5	4.098	84	16783	2.765	ng/u1	0.00
7) Phenol-d5	7.465	99	124324	14.888	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	59674	15.558	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	100351	14.813	ng/u1	0.00
15) 4-Methylphenol-d8	9.040	113	87423	13.196	ng/u1	0.00
21) Nitrobenzene-d5	9.551	128	50819	19.633	ng/u1	0.00
24) 2-Nitrophenol-d4	10.274	143	56982	21.443	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	89418	15.273	ng/u1	0.00
31) 4-Chloroaniline-d4	11.349	131	76357	7.923	ng/u1	0.00
46) Dimethylphthalate-d6	14.375	166	292419	15.608	ng/u1	-0.01
49) Acenaphthylene-d8	14.686	160	356361	16.208	ng/u1	0.00
54) 4-Nitrophenol-d4	15.150	143	48625	15.134	ng/u1	0.00
60) Fluorene-d10	15.973	176	252568	15.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.067	200	36204	19.136	ng/u1	-0.01
73) Anthracene-d10	17.835	188	378474	17.487	ng/u1	0.00
81) Pyrene-d10	20.103	212	385999	18.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.432	264	365899	17.964	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.198	105	38994m	3.734	ng/u1	
36) 2-Methylnaphthalene	12.835	142	69535	4.455	ng/u1	86
37) 1-Methylnaphthalene	13.053	142	70784	4.553	ng/u1	99
72) Phenanthrene	17.782	178	63966	2.463	ng/u1#	89
80) Fluoranthene	19.768	202	106163	4.257	ng/u1#	95
82) Pyrene	20.133	202	98384	3.798	ng/u1#	94
85) Benzo(a)anthracene	22.054	228	59181	2.443	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.895	149	31544	1.807	ng/u1#	86
87) Chrysene	22.119	228	49437	2.194	ng/u1#	89
90) Benzo(b)fluoranthene	24.510	252	65968m	2.631	ng/u1	
93) Benzo(a)pyrene	25.509	252	46605m	1.967	ng/u1	

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

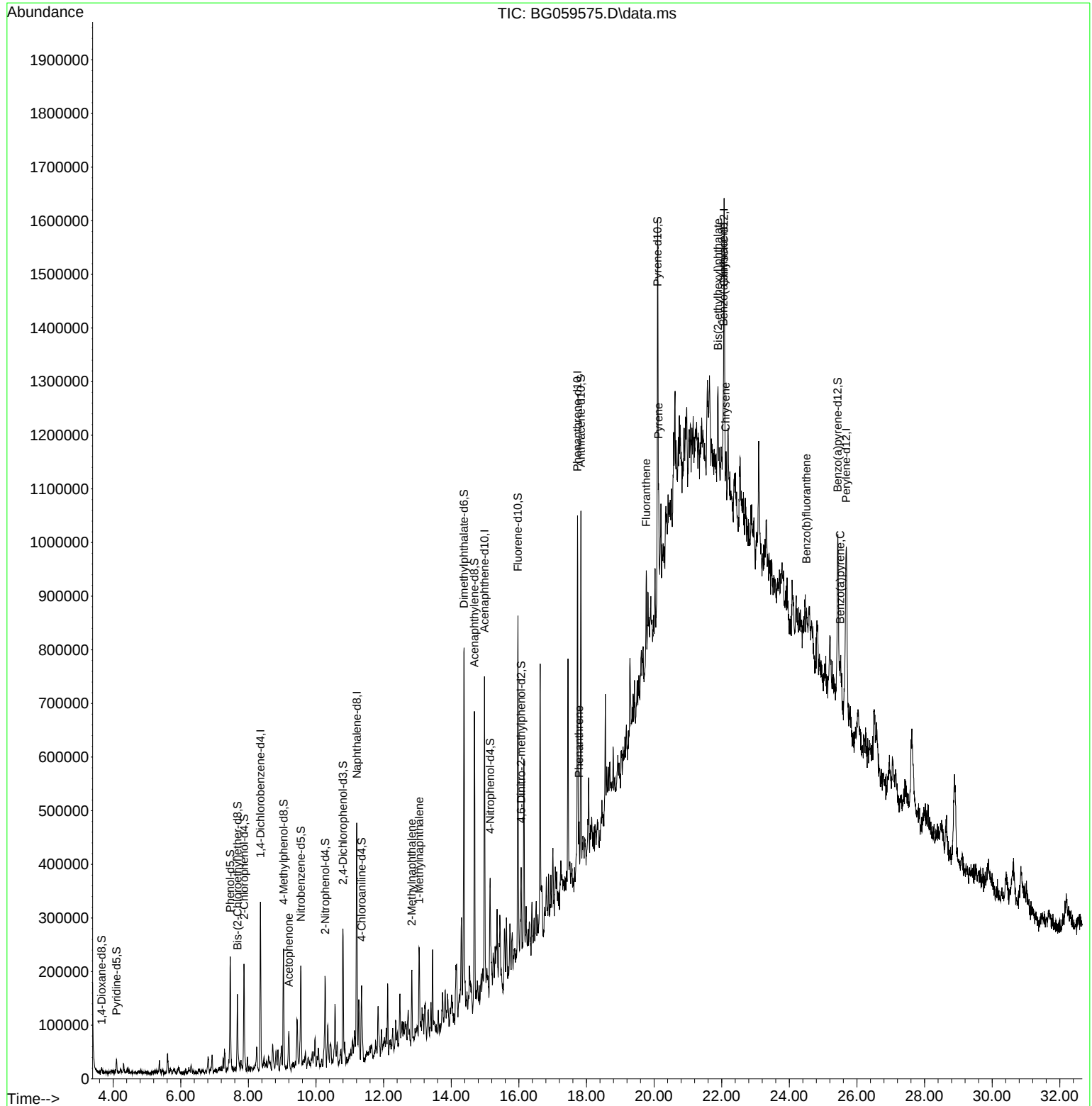
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
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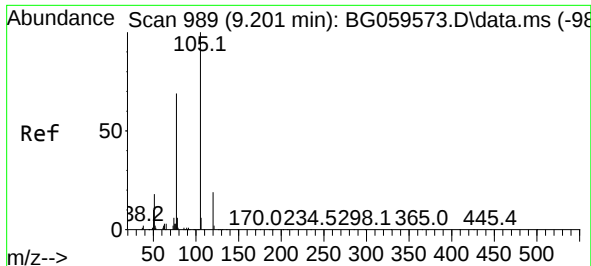
Instrument :
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Quant Time: Nov 02 02:46:21 2023
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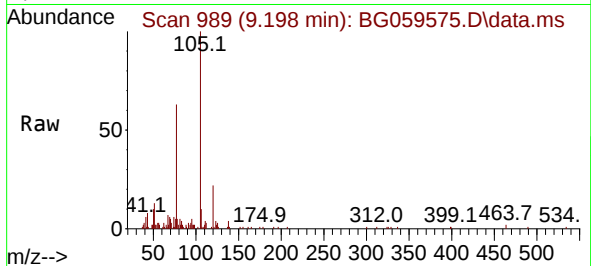
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023





#16
Acetophenone
Concen: 3.734 ng/ul m
RT: 9.198 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57

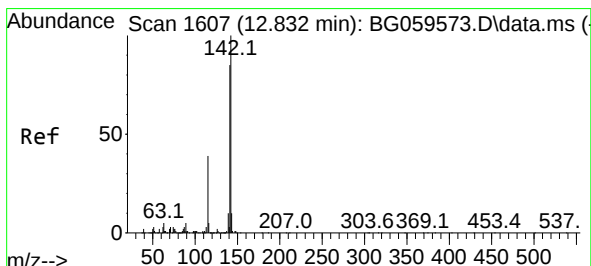
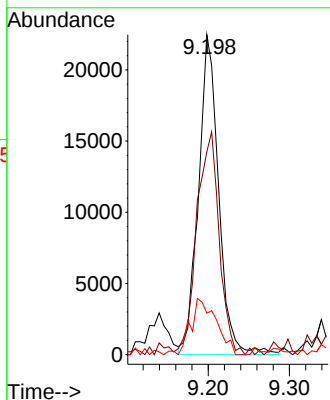
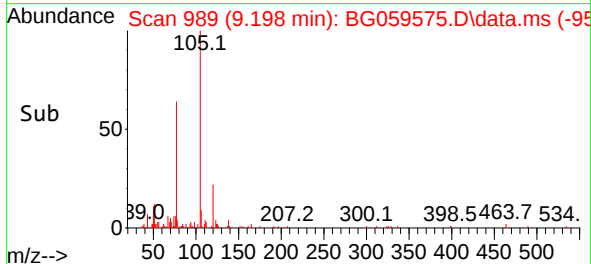
Instrument :
BNA_G
ClientSampleId :
EOAQ3



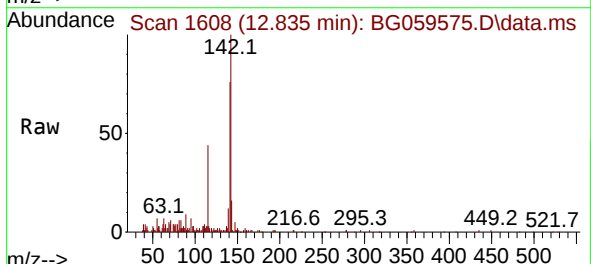
Tgt Ion:105 Resp: 38994
Ion Ratio Lower Upper
105 100
77 63.4 59.6 89.4
51 13.0 16.2 24.4

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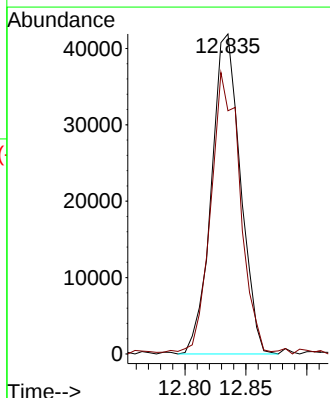
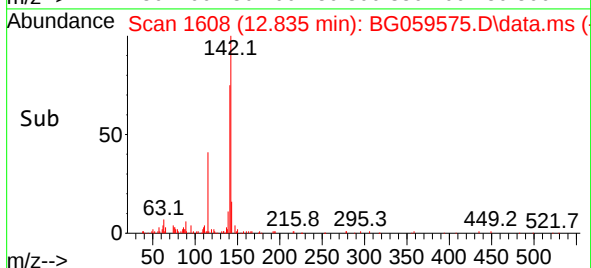
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

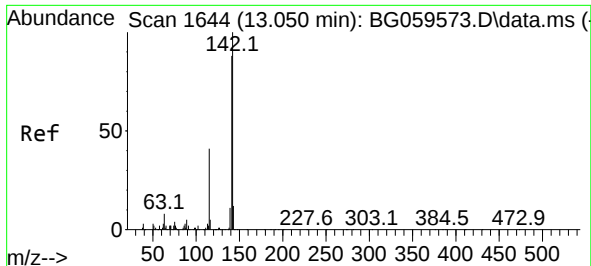


#36
2-Methylnaphthalene
Concen: 4.455 ng/ul
RT: 12.835 min Scan# 1608
Delta R.T. -0.009 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57



Tgt Ion:142 Resp: 69535
Ion Ratio Lower Upper
142 100
141 76.0 71.7 107.5





#37

1-Methylnaphthalene

Concen: 4.553 ng/ul

RT: 13.053 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059575.D

Acq: 1 Nov 2023 11:57

Instrument :

BNA_G

ClientSampleId :

EOAQ3

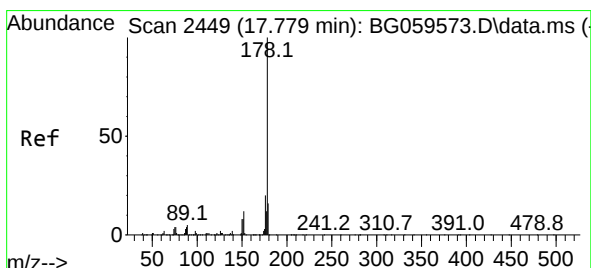
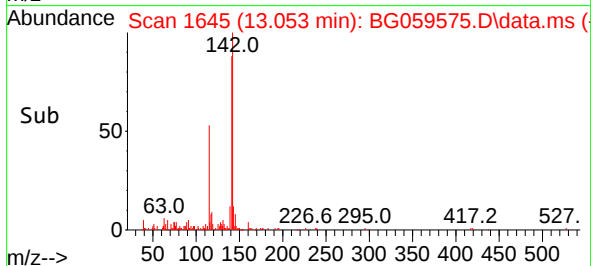
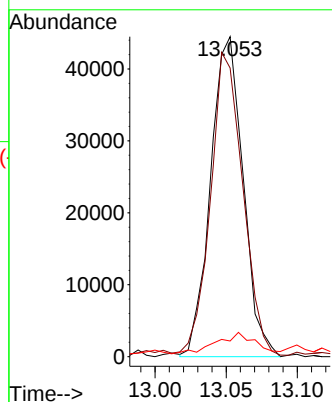
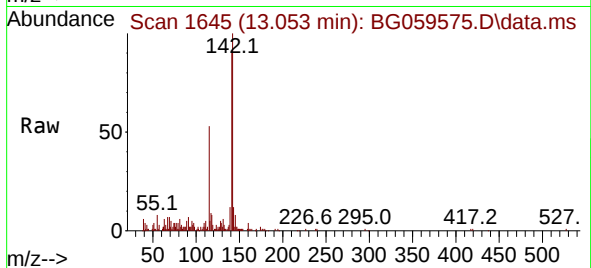
Tgt Ion:	142	Resp:	70784
Ion Ratio	Lower	Upper	
142	100		
141	90.2	73.1	109.7
116	4.9	3.3	4.9

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Supervised By :mohammad ahmed 11/03/2023



#72

Phenanthrene

Concen: 2.463 ng/ul

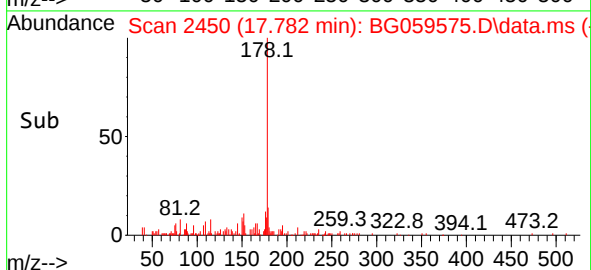
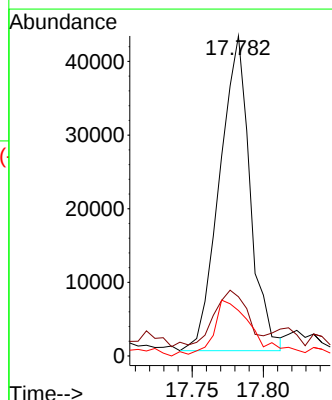
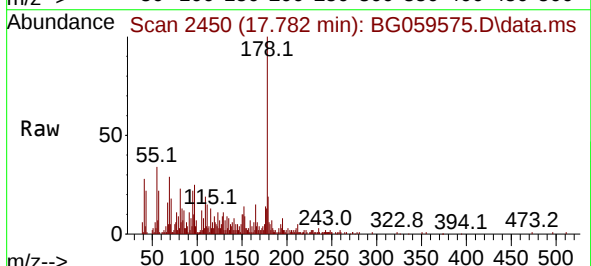
RT: 17.782 min Scan# 2450

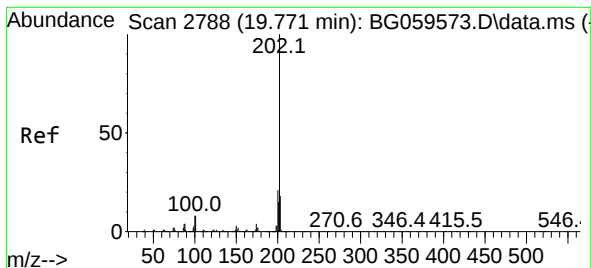
Delta R.T. -0.003 min

Lab File: BG059575.D

Acq: 1 Nov 2023 11:57

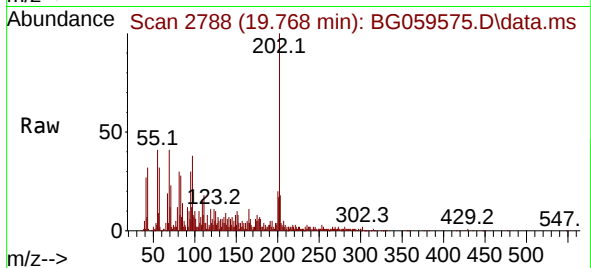
Tgt Ion:	178	Resp:	63966
Ion Ratio	Lower	Upper	
178	100		
179	18.5	11.3	16.9#
176	14.2	15.4	23.0#





#80
Fluoranthene
Concen: 4.257 ng/u1
RT: 19.768 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57

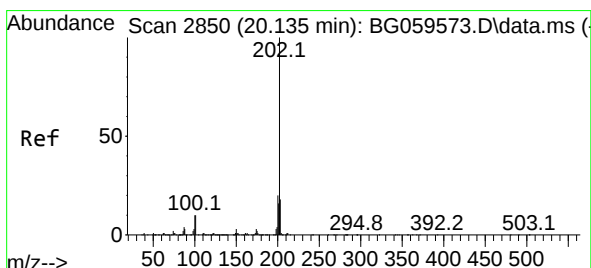
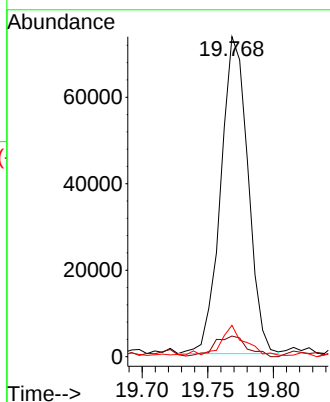
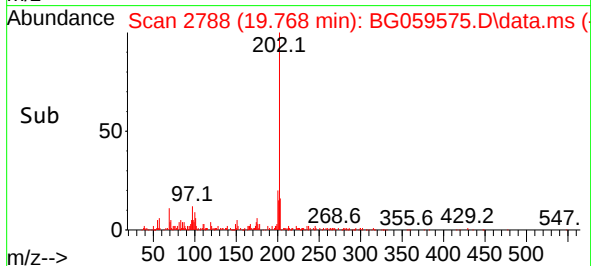
Instrument :
BNA_G
ClientSampleId :
EOAQ3



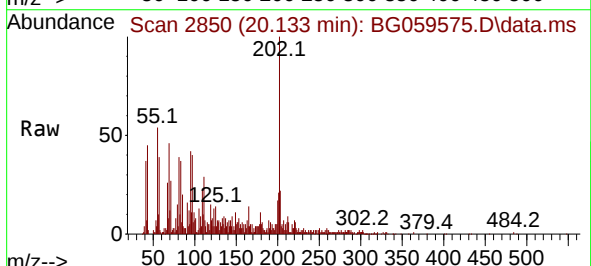
Tgt Ion:202 Resp: 106163
Ion Ratio Lower Upper
202 100
101 8.1 7.0 10.6
100 9.8 5.2 7.8

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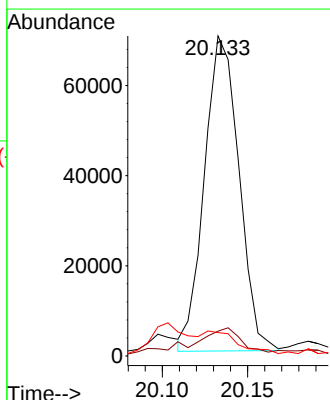
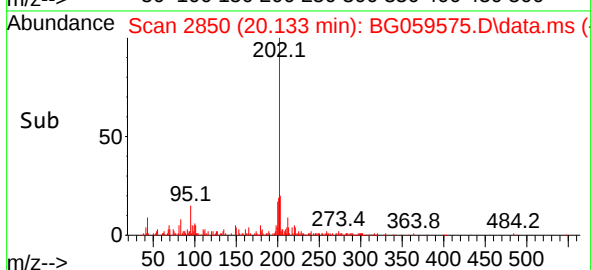
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

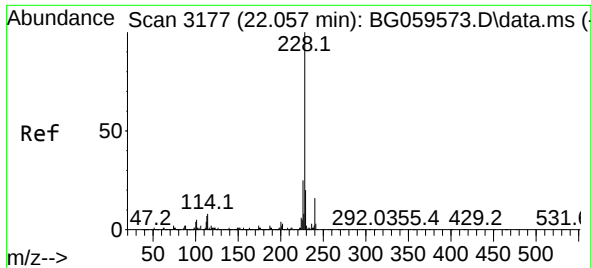


#82
Pyrene
Concen: 3.798 ng/u1
RT: 20.133 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57



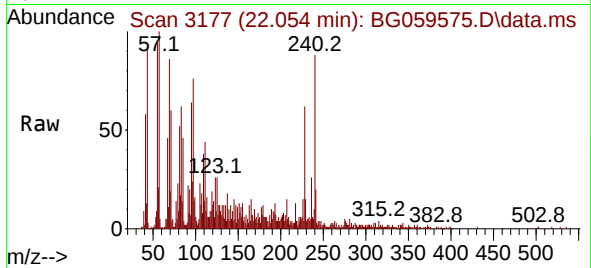
Tgt Ion:202 Resp: 98384
Ion Ratio Lower Upper
202 100
101 7.7 7.9 11.9#
100 7.3 7.9 11.9#





#85
Benzo(a)anthracene
Concen: 2.443 ng/ul
RT: 22.054 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57

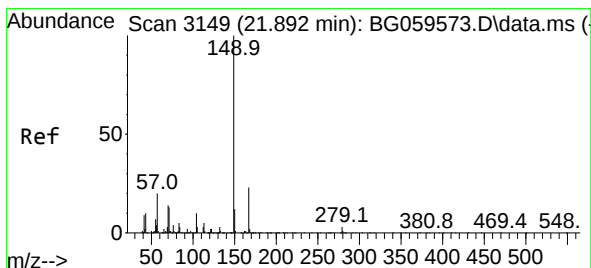
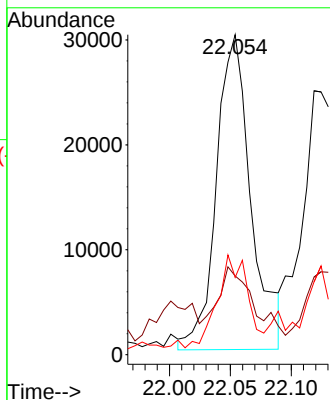
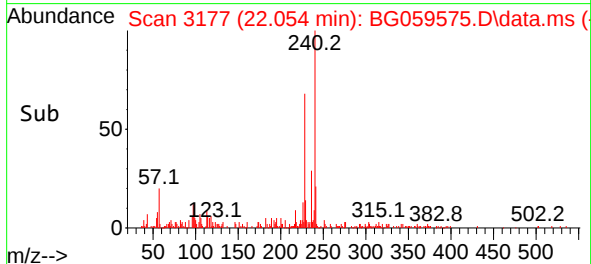
Instrument :
BNA_G
ClientSampleId :
EOAQ3



Tgt Ion:228 Resp: 5918
Ion Ratio Lower Upper
228 100
229 24.6 16.7 25.1
226 24.1 20.3 30.5

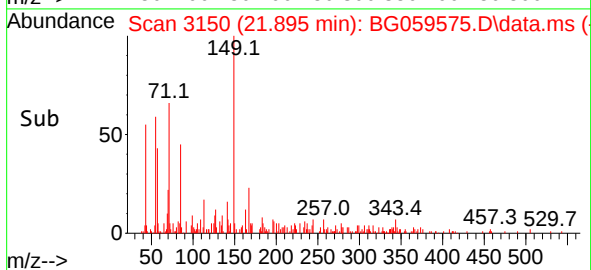
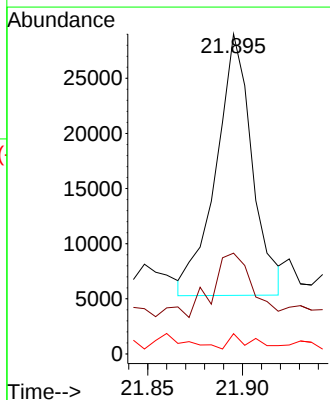
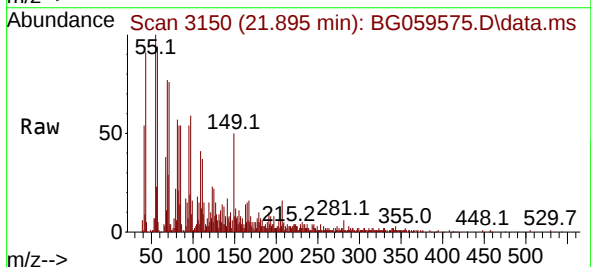
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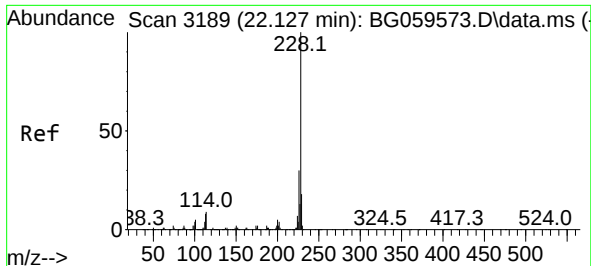
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.807 ng/ul
RT: 21.895 min Scan# 3150
Delta R.T. -0.021 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57

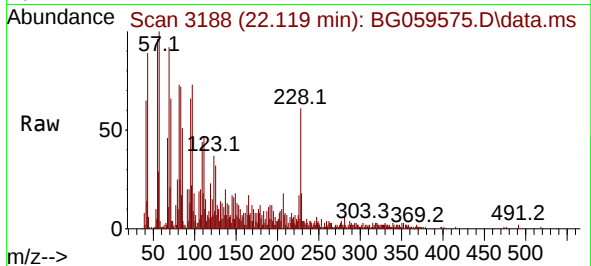
Tgt Ion:149 Resp: 31544
Ion Ratio Lower Upper
149 100
167 31.5 19.4 29.2#
279 6.3 2.2 3.4#





#87
Chrysene
Concen: 2.194 ng/ul
RT: 22.119 min Scan# 3188
Delta R.T. -0.015 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57

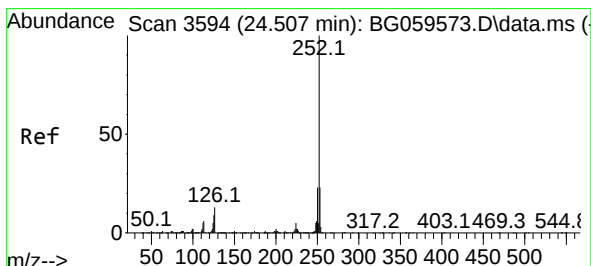
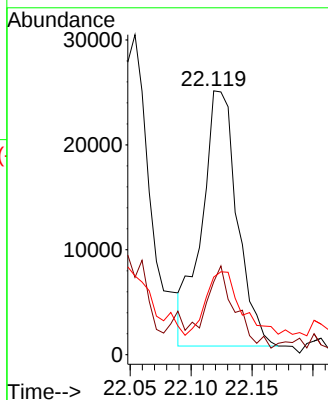
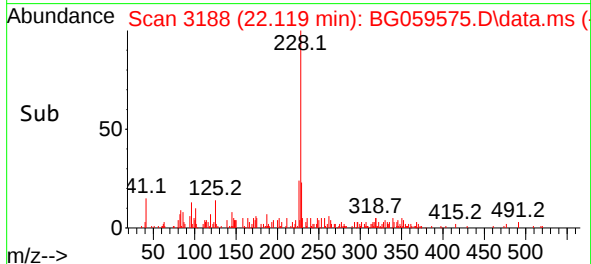
Instrument :
BNA_G
ClientSampleId :
EOAQ3



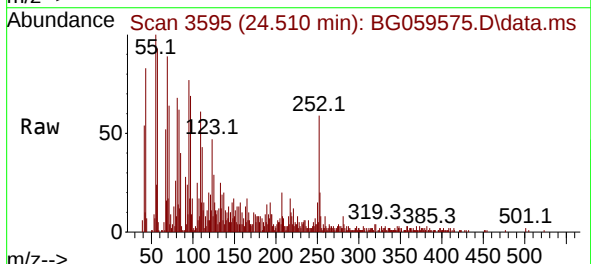
Tgt Ion:228 Resp: 4943
Ion Ratio Lower Upper
228 100
226 27.6 21.0 31.4
229 29.4 15.1 22.7

Manual Integrations
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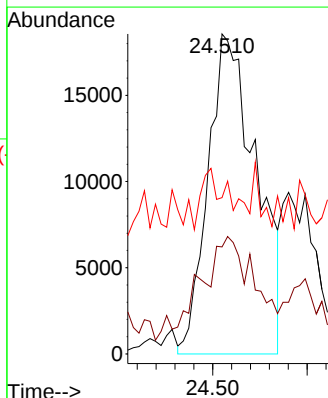
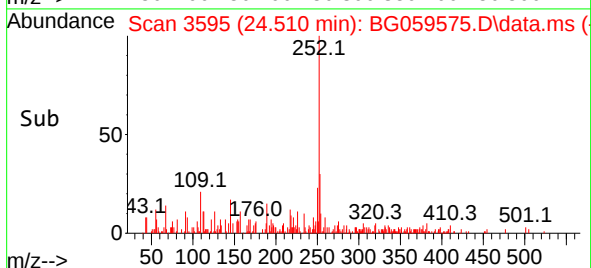
Reviewed By :Yogesh Patel 11/03/2023
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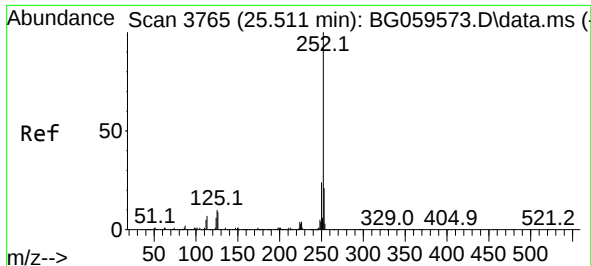


#90
Benzo(b)fluoranthene
Concen: 2.631 ng/ul m
RT: 24.510 min Scan# 3595
Delta R.T. -0.015 min
Lab File: BG059575.D
Acq: 1 Nov 2023 11:57



Tgt Ion:252 Resp: 65968
Ion Ratio Lower Upper
252 100
253 33.5 17.8 26.8#
125 48.9 8.6 13.0#





#93

Benzo(a)pyrene

Concen: 1.967 ng/ul m

RT: 25.509 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG059575.D

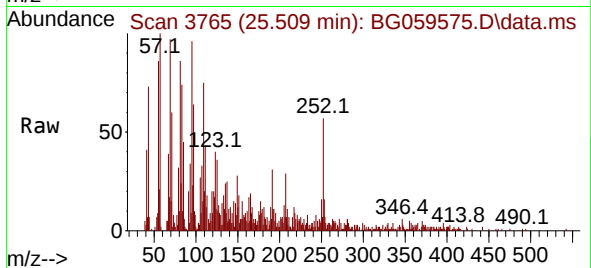
Acq: 1 Nov 2023 11:57

Instrument :

BNA_G

ClientSampleId :

EOAQ3



Tgt Ion:252 Resp: 4660

Ion Ratio Lower Upper

252 100

253 28.1 18.5 27.7

125 63.5 7.6 11.4

Manual Integrations

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