

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059026.D
 Acq On : 13 Sep 2023 2:11
 Operator : MA/JU
 Sample : 04175-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 03:15:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	80365	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	371551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	262339	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	581750	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.019	240	511190	20.000	ng/ul	# 0.00
88) Perylene-d12	25.597	264	592909	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	3818	2.019	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.418	99	85143	10.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.624	67	58963	12.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.824	132	62420	12.009	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	21553	3.442	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	33990	12.612	ng/ul	0.00
24) 2-Nitrophenol-d4	10.221	143	43519	14.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	66492	10.579	ng/ul	0.00
31) 4-Chloroaniline-d4	11.296	131	51018	6.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	299470	14.716	ng/ul	0.00
49) Acenaphthylene-d8	14.639	160	330694	14.594	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	31581	9.343	ng/ul	0.00
60) Fluorene-d10	15.920	176	290110	16.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	32377	11.338	ng/ul	0.00
73) Anthracene-d10	17.783	188	400341m	15.502	ng/ul	0.00
81) Pyrene-d10	20.062	212	457095	16.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	444217	15.284	ng/ul	0.02
Target Compounds					Qvalue	
16) Acetophenone	9.157	105	16272	1.568	ng/ul#	89
30) Naphthalene	11.202	128	20404	1.042	ng/ul#	91
72) Phenanthrene	17.730	178	63350	2.146	ng/ul#	86
78) Di-n-butylphthalate	18.605	149	170192	6.109	ng/ul#	95
80) Fluoranthene	19.722	202	132184	4.204	ng/ul#	96
82) Pyrene	20.092	202	133369	4.080	ng/ul	99
85) Benzo(a)anthracene	21.995	228	63248	1.845	ng/ul#	64
86) Bis(2-ethylhexyl)phtha...	21.837	149	1086853	70.248	ng/ul	99
87) Chrysene	22.072	228	120809m	3.791	ng/ul	
90) Benzo(b)fluoranthene	24.428	252	135208	3.828	ng/ul#	17
91) Benzo(k)fluoranthene	24.510	252	46690	1.294	ng/ul#	2
93) Benzo(a)pyrene	25.409	252	88895m	2.698	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.716	276	68087m	1.635	ng/ul	
96) Benzo(g,h,i)perylene	31.014	276	58744m	1.782	ng/ul	

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

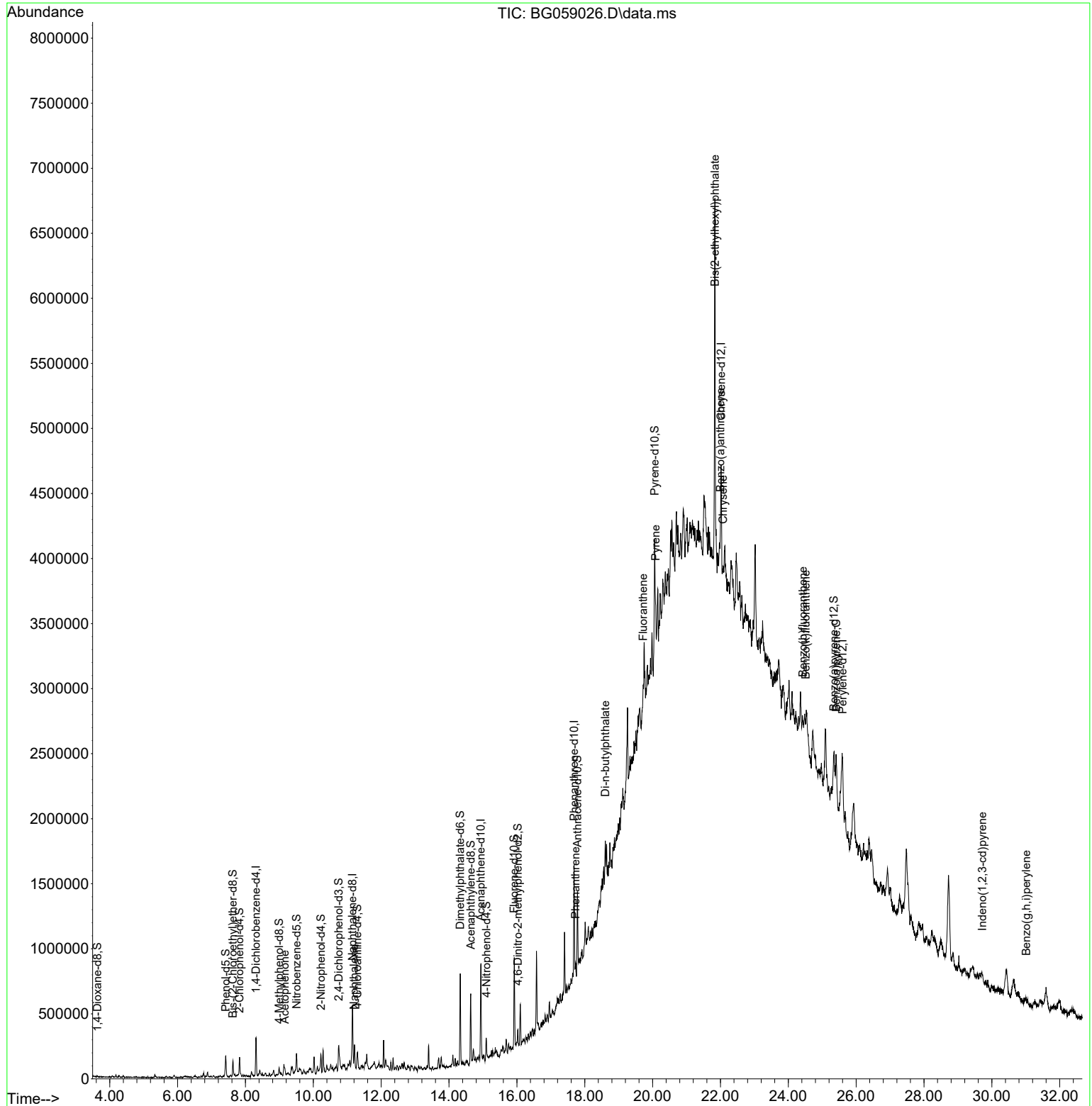
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059026.D
Acq On : 13 Sep 2023 2:11
Operator : MA/JU
Sample : 04175-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

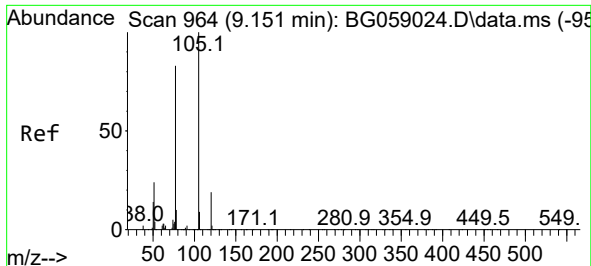
Instrument :
BNA_G
ClientSampleId :
EZYD3

Quant Time: Sep 13 03:15:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
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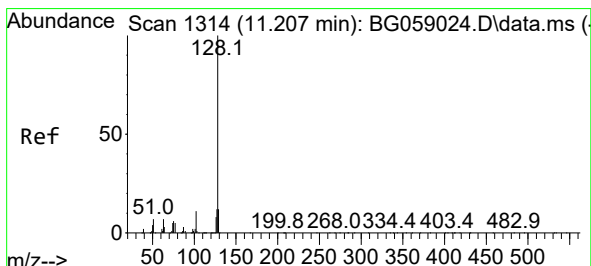
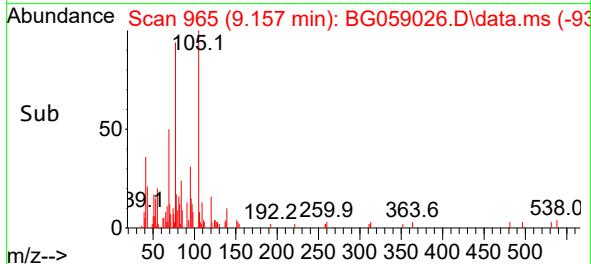
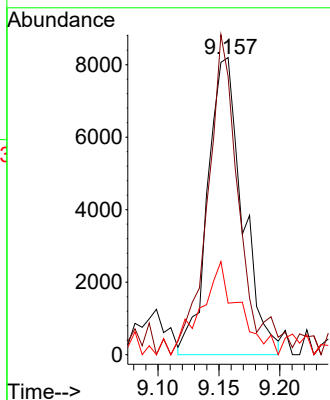
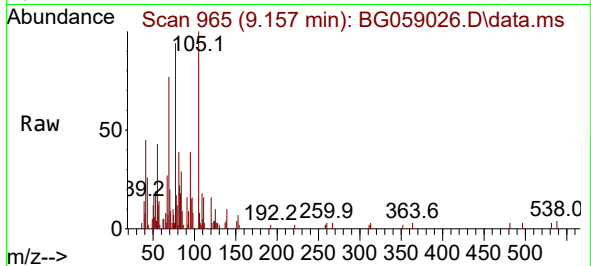
#16
Acetophenone
Concen: 1.568 ng/ul
RT: 9.157 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

Instrument :
BNA_G
ClientSampleId :
EZYD3

Tgt Ion:105 Resp: 1627
Ion Ratio Lower Upper
105 100
77 93.6 67.3 100.9
51 17.3 19.3 28.9

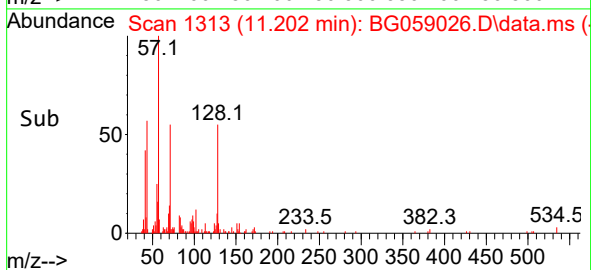
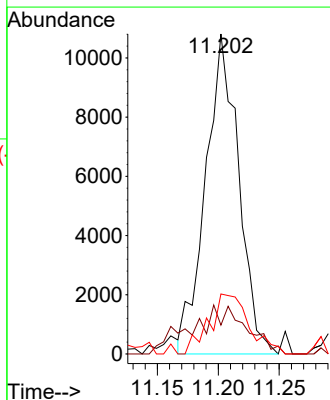
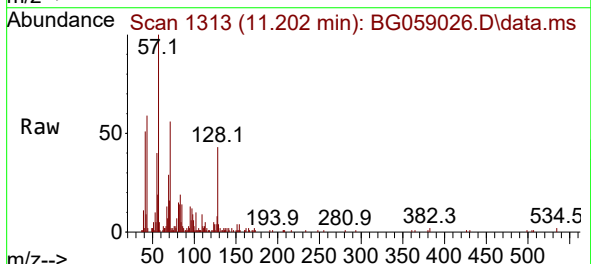
Manual Integrations
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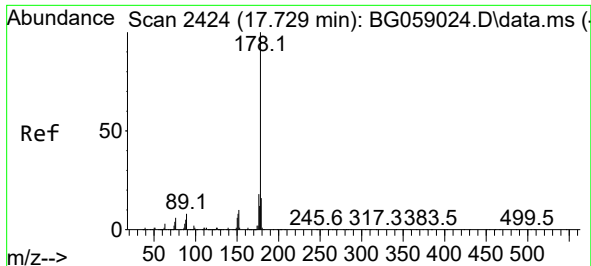
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#30
Naphthalene
Concen: 1.042 ng/ul
RT: 11.202 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

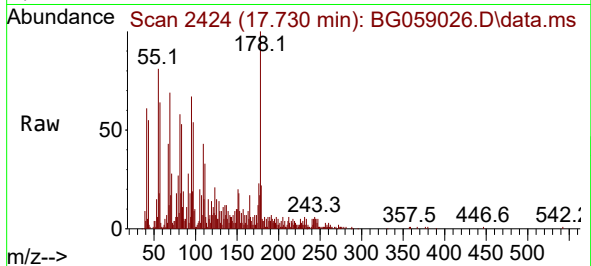
Tgt Ion:128 Resp: 20404
Ion Ratio Lower Upper
128 100
129 9.0 8.2 12.2
127 18.7 10.9 16.3





#72
Phenanthrene
Concen: 2.146 ng/ul
RT: 17.730 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

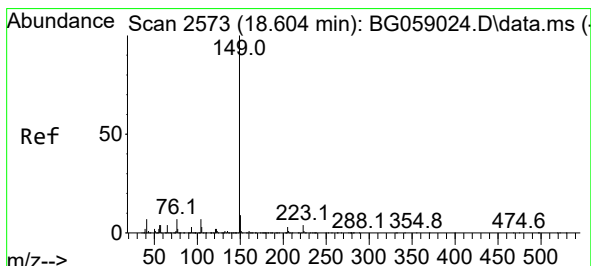
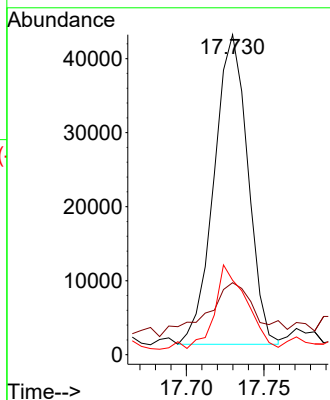
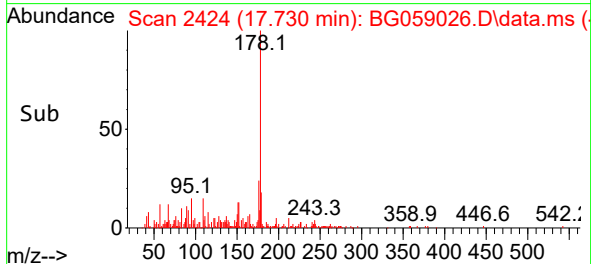
Instrument :
BNA_G
ClientSampleId :
EZYD3



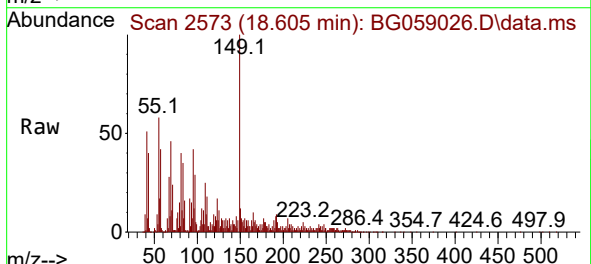
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Ion Ratio Lower Upper
178 100
179 22.5 11.8 17.8
176 23.3 15.1 22.7

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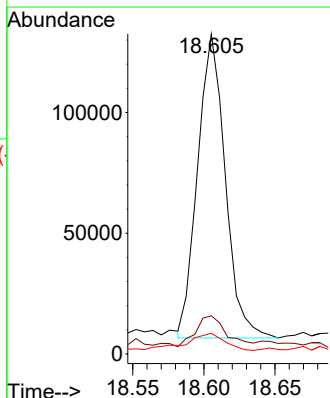
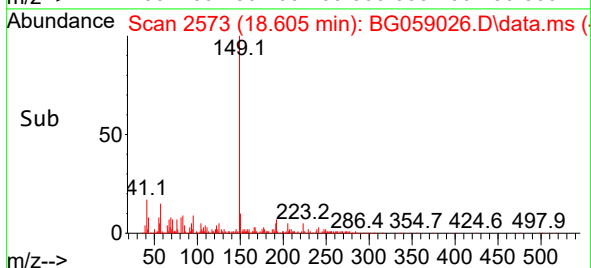
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

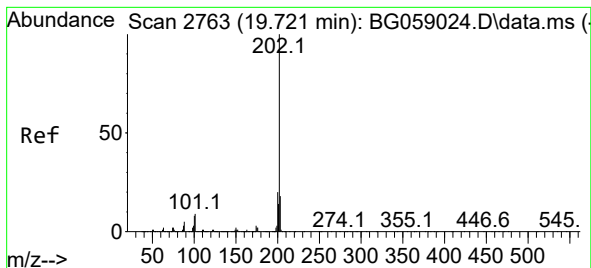


#78
Di-n-butylphthalate
Concen: 6.109 ng/ul
RT: 18.605 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11



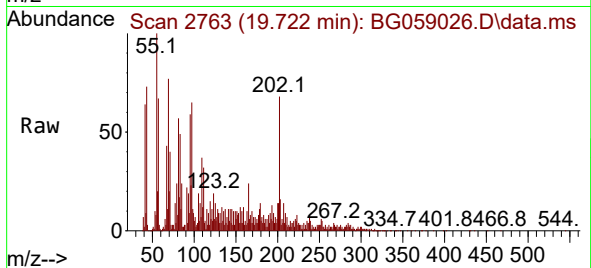
Tgt Ion:149 Resp: 170192
Ion Ratio Lower Upper
149 100
150 12.0 7.7 11.5
104 6.5 4.6 6.8





#80
Fluoranthene
Concen: 4.204 ng/ul
RT: 19.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

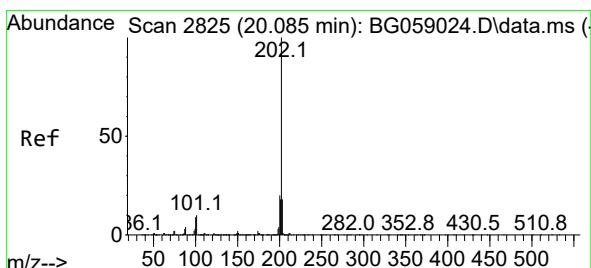
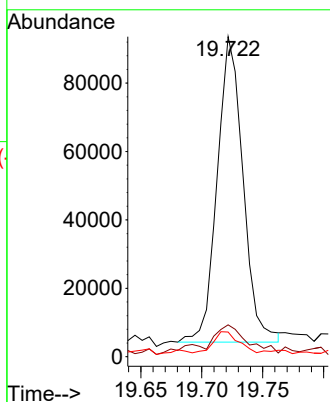
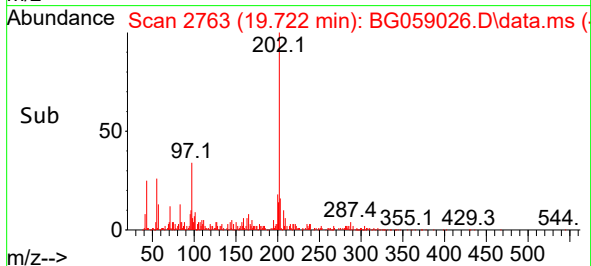
Instrument :
BNA_G
ClientSampleId :
EZYD3



Tgt Ion:202 Resp: 132184
Ion Ratio Lower Upper
202 100
101 10.0 6.1 9.1
100 7.7 5.9 8.9

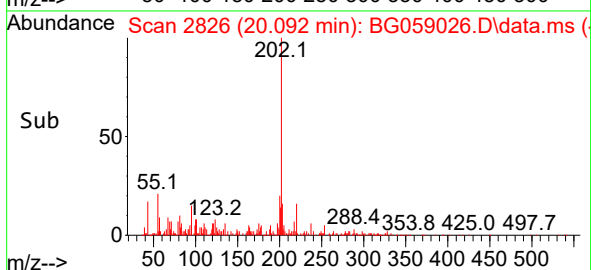
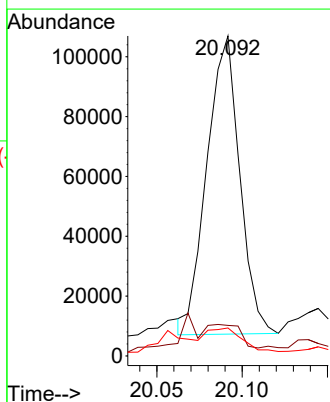
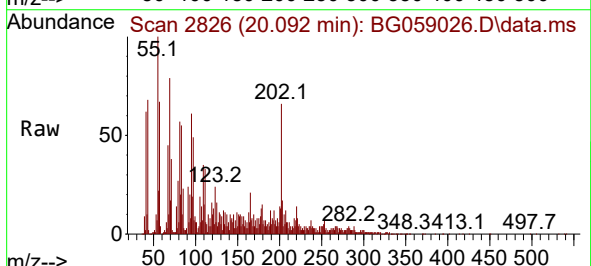
Manual Integrations
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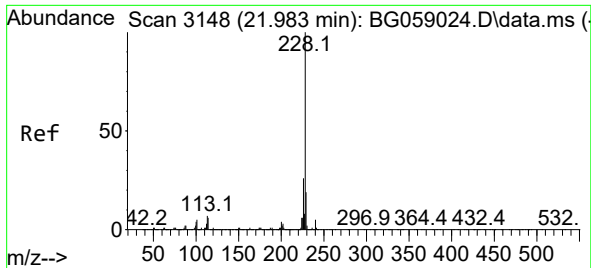
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#82
Pyrene
Concen: 4.080 ng/ul
RT: 20.092 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

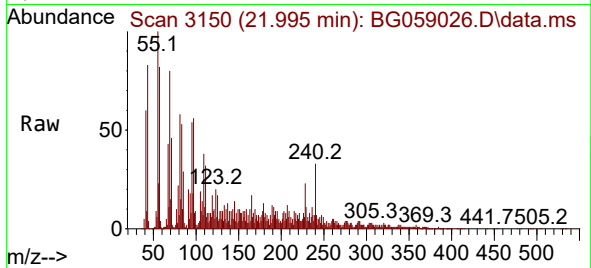
Tgt Ion:202 Resp: 133369
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 8.7 6.3 9.5





#85
Benzo(a)anthracene
Concen: 1.845 ng/ul
RT: 21.995 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11

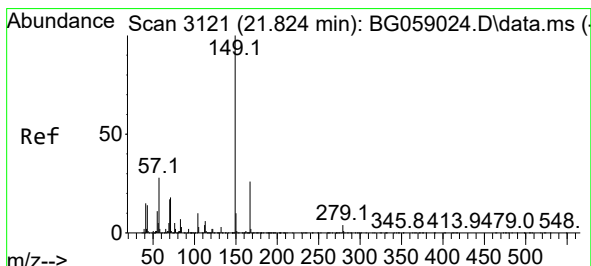
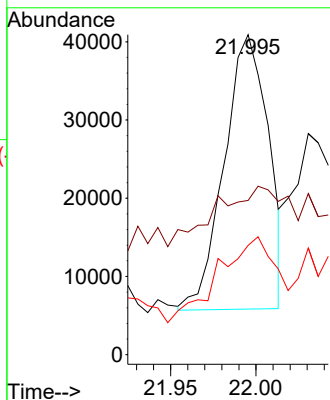
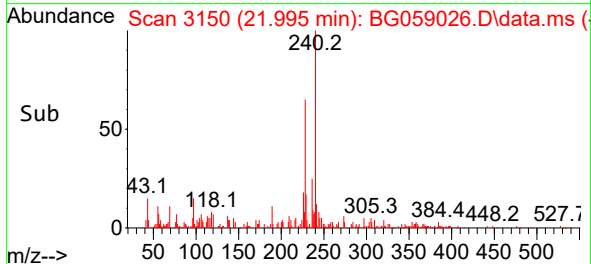
Instrument :
BNA_G
ClientSampleId :
EZYD3



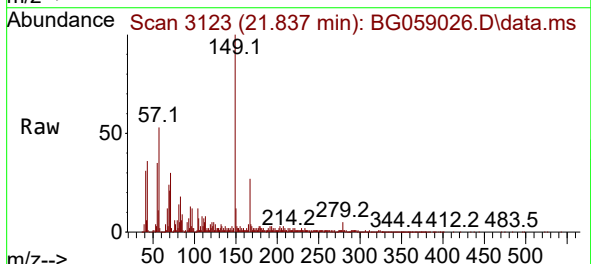
Tgt Ion:228 Resp: 63248
Ion Ratio Lower Upper
228 100
229 48.2 16.0 24.0
226 34.1 20.8 31.2

Manual Integrations
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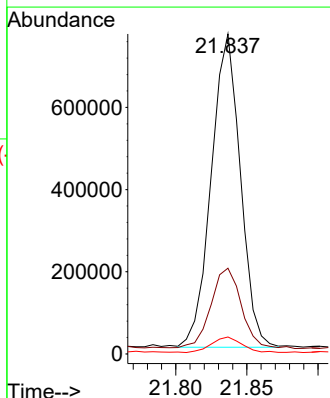
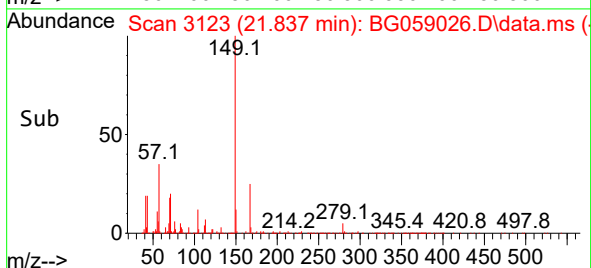
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

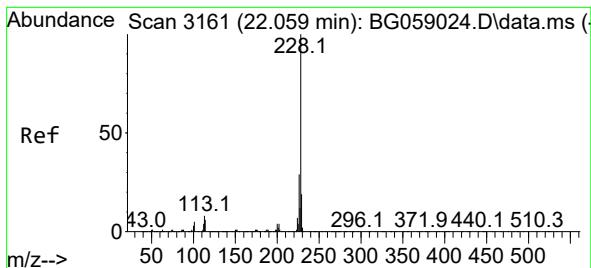


#86
Bis(2-ethylhexyl)phthalate
Concen: 70.248 ng/ul
RT: 21.837 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BG059026.D
Acq: 13 Sep 2023 2:11



Tgt Ion:149 Resp: 1086853
Ion Ratio Lower Upper
149 100
167 26.8 21.0 31.6
279 5.3 3.8 5.8





#87

Chrysene

Concen: 3.791 ng/ul m

RT: 22.072 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Instrument :

BNA_G

ClientSampleId :

EZYD3

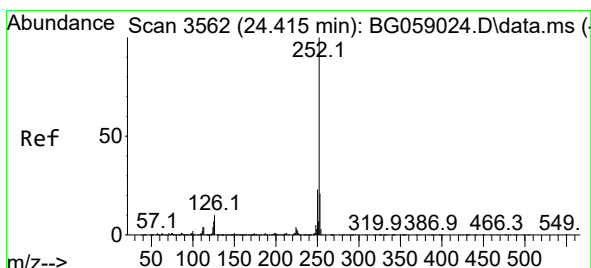
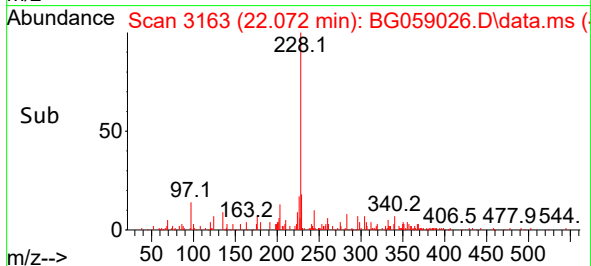
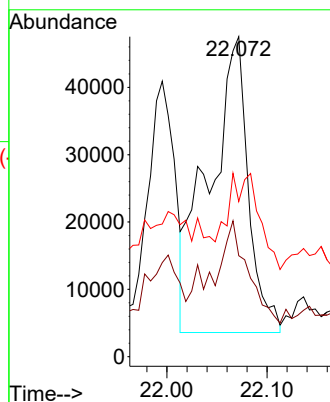
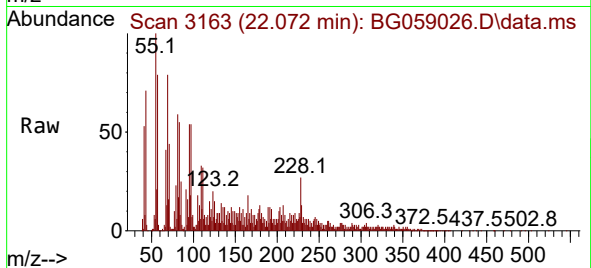
Tgt Ion:	228	Resp:	120809
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.2	34.8
229	48.5	15.3	22.9

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#90

Benzo(b)fluoranthene

Concen: 3.828 ng/ul

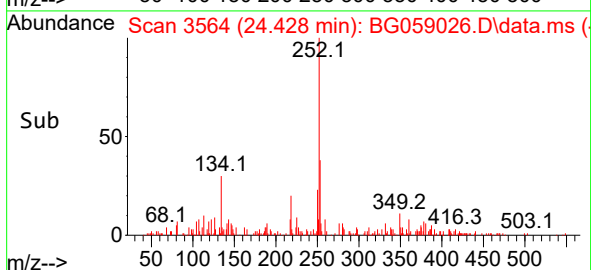
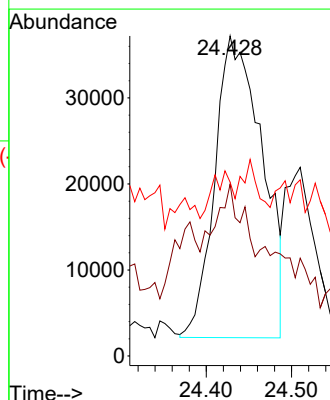
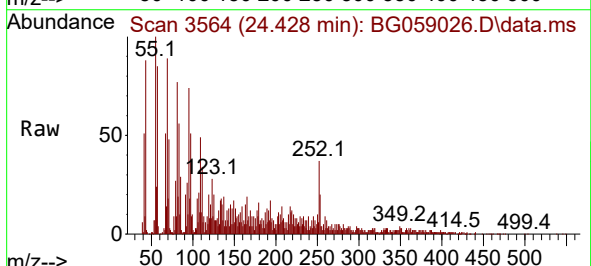
RT: 24.428 min Scan# 3564

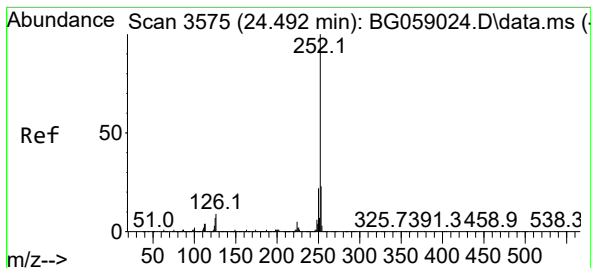
Delta R.T. 0.012 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Tgt Ion:	252	Resp:	135208
Ion Ratio	Lower	Upper	
252	100		
253	53.7	17.8	26.8#
125	54.3	6.2	9.2#





#91

Benzo(k)fluoranthene

Concen: 1.294 ng/ul

RT: 24.510 min Scan# 3

Delta R.T. 0.012 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Instrument :

BNA_G

ClientSampleId :

EZYD3

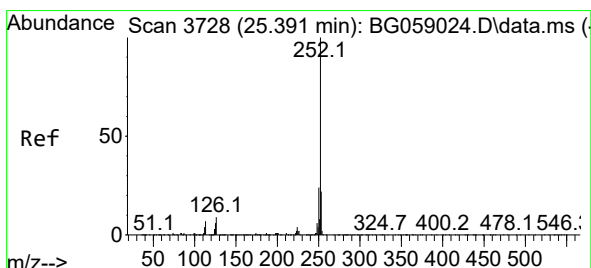
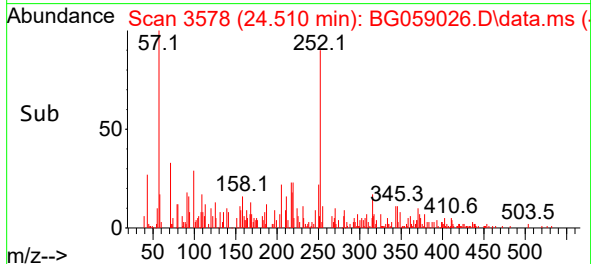
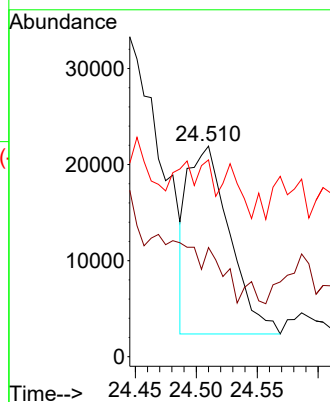
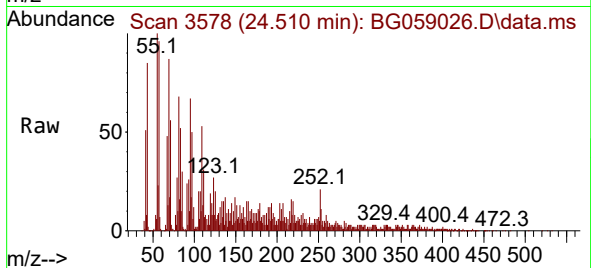
Tgt Ion:	252	Resp:	46690
Ion Ratio	Lower	Upper	
252	100		
253	51.8	19.1	28.7
125	93.4	5.0	7.4

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#93

Benzo(a)pyrene

Concen: 2.698 ng/ul m

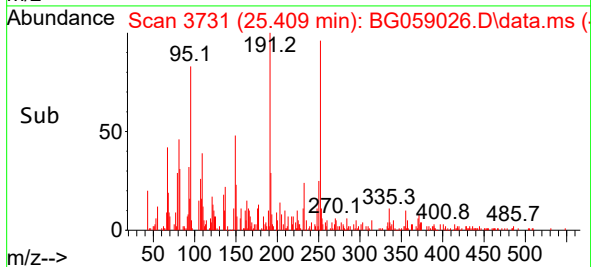
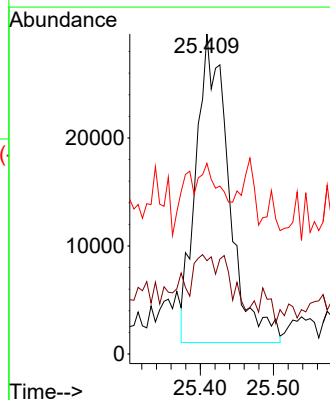
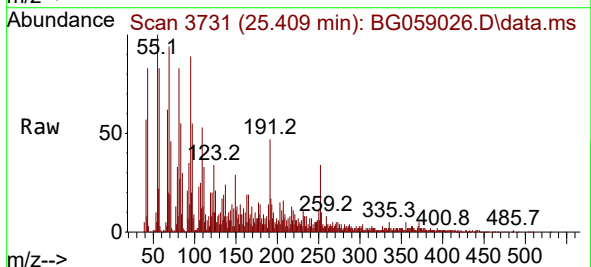
RT: 25.409 min Scan# 3731

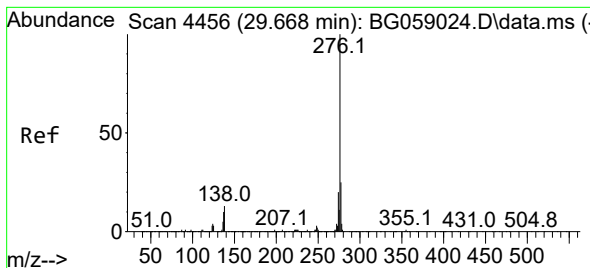
Delta R.T. 0.006 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Tgt Ion:	252	Resp:	88895
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.1	25.7
125	59.6	5.3	7.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.635 ng/ul m

RT: 29.716 min Scan# 4456

Delta R.T. 0.035 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Instrument :

BNA_G

ClientSampleId :

EZYD3

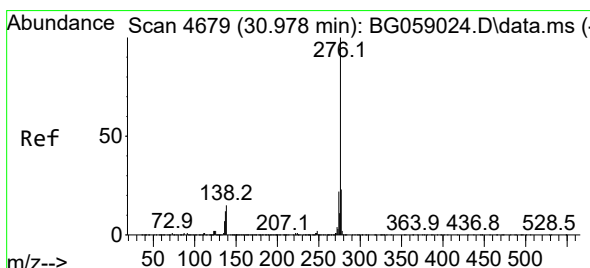
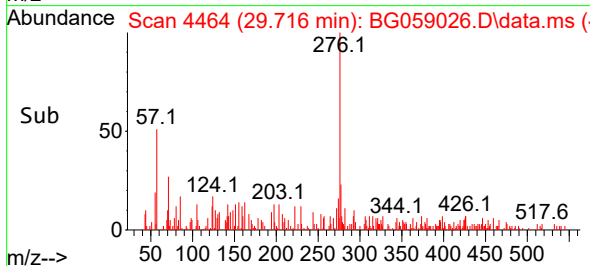
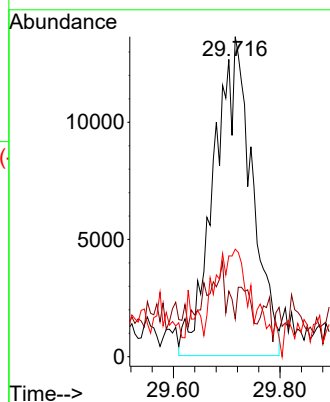
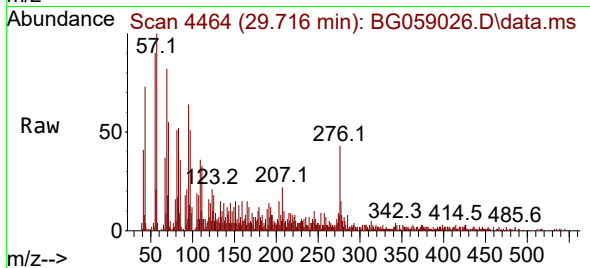
Tgt Ion:	276	Resp:	6808
Ion Ratio	Lower	Upper	
276	100		
138	11.8	11.8	17.8
277	33.6	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#96

Benzo(g,h,i)perylene

Concen: 1.782 ng/ul m

RT: 31.014 min Scan# 4685

Delta R.T. 0.024 min

Lab File: BG059026.D

Acq: 13 Sep 2023 2:11

Tgt Ion:	276	Resp:	58744
Ion Ratio	Lower	Upper	
276	100		
138	16.2	11.4	17.2
277	27.6	17.4	26.2

