

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059029.D
 Acq On : 13 Sep 2023 4:15
 Operator : MA/JU
 Sample : 04175-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK2

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 05:12:53 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	8.312	152	80447	20.000	ng/u1	0.00
20) Naphthalene-d8	11.155	136	358266	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.939	164	239833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.689	188	525126	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.013	240	456155	20.000	ng/u1	# 0.00
88) Perylene-d12	25.592	264	537587	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.623	96	11650	6.155	ng/uL	0.00
4) Pyridine-d5	4.058	84	132991	22.194	ng/u1	0.00
7) Phenol-d5	7.425	99	282016	34.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.630	67	164692	34.622	ng/u1	0.00
11) 2-Chlorophenol-d4	7.830	132	187407	36.020	ng/u1	0.00
15) 4-Methylphenol-d8	8.987	113	99833	15.929	ng/u1	0.00
21) Nitrobenzene-d5	9.504	128	111610	42.948	ng/u1	0.00
24) 2-Nitrophenol-d4	10.227	143	117821	41.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	188557	31.114	ng/u1	0.00
31) 4-Chloroaniline-d4	11.296	131	184552	22.645	ng/u1	0.00
46) Dimethylphthalate-d6	14.334	166	815633	43.843	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	913378	44.090	ng/u1	0.00
54) 4-Nitrophenol-d4	15.098	143	12746	4.125	ng/u1	-0.01
60) Fluorene-d10	15.926	176	750471	45.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	10212	3.962	ng/u1	0.00
73) Anthracene-d10	17.789	188	1047349	44.928	ng/u1	0.00
81) Pyrene-d10	20.063	212	1162774	48.121	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.345	264	1195053	45.348	ng/u1	0.02
Target Compounds						
80) Fluoranthene	19.722	202	40754	1.452	ng/u1#	93
82) Pyrene	20.092	202	116625	3.998	ng/u1#	91
87) Chrysene	22.060	228	90272m	3.174	ng/u1	
90) Benzo(b)fluoranthene	24.440	252	92062m	2.875	ng/u1	
93) Benzo(a)pyrene	25.427	252	49536	1.658	ng/u1#	6
94) Indeno(1,2,3-cd)pyrene	29.740	276	83242m	2.205	ng/u1	
96) Benzo(g,h,i)perylene	31.062	276	102832m	3.441	ng/u1	

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

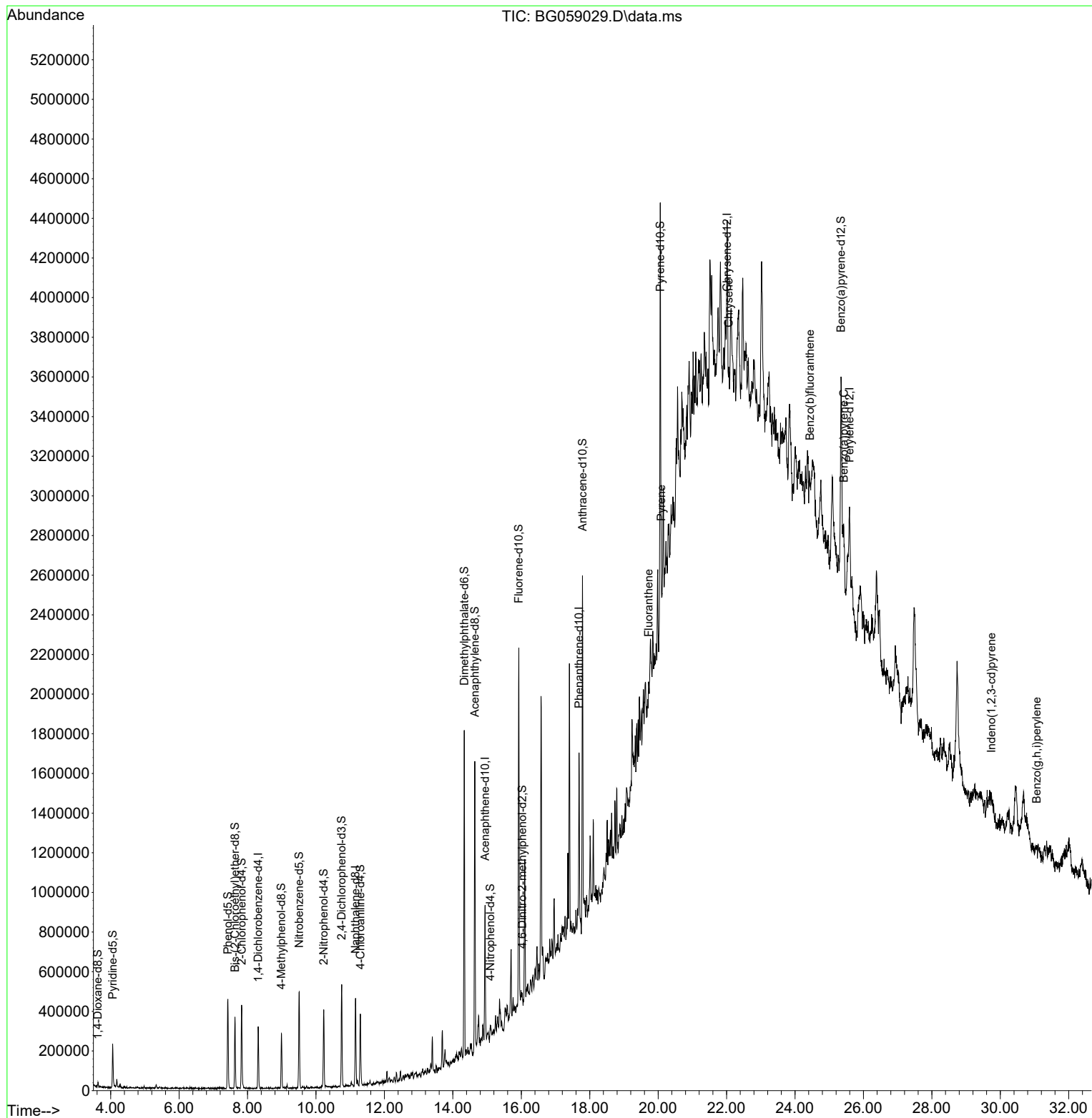
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059029.D
Acq On : 13 Sep 2023 4:15
Operator : MA/JU
Sample : 04175-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

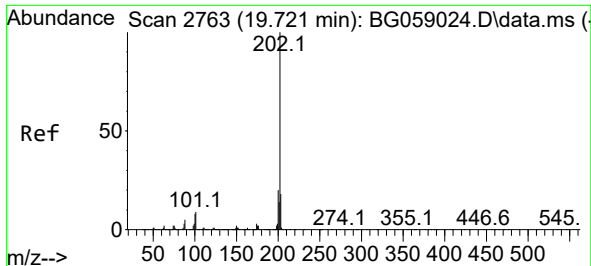
Instrument :
BNA_G
ClientSampleId :
EZYK2

Quant Time: Sep 13 05:12:53 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

Manual Integrations
APPROVED

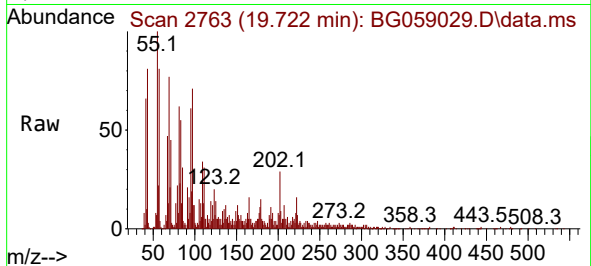
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023





#80
Fluoranthene
Concen: 1.452 ng/ul
RT: 19.722 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059029.D
Acq: 13 Sep 2023 4:15

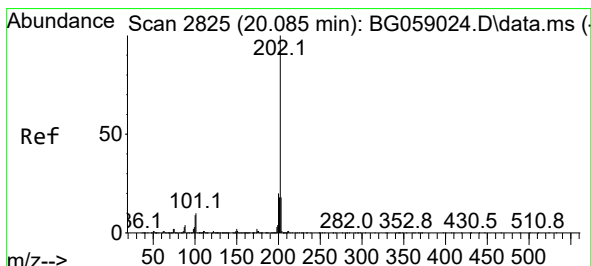
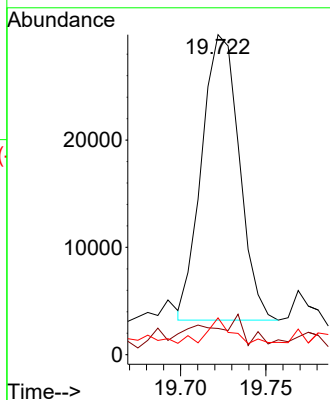
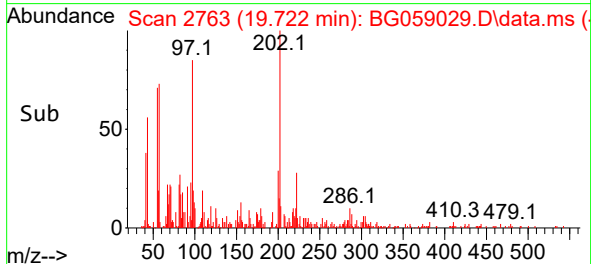
Instrument :
BNA_G
ClientSampleId :
EZYK2



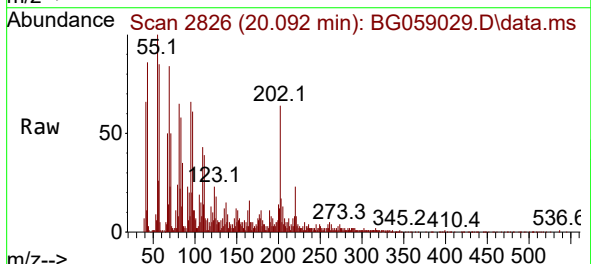
Tgt Ion:202 Resp: 40754
Ion Ratio Lower Upper
202 100
101 8.2 6.1 9.1
100 11.5 5.9 8.9

Manual Integrations
APPROVED

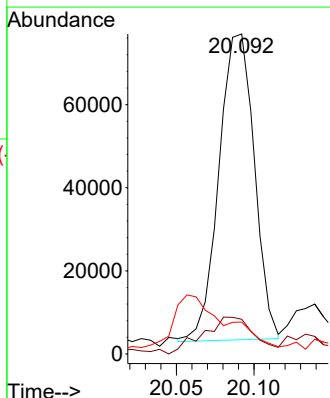
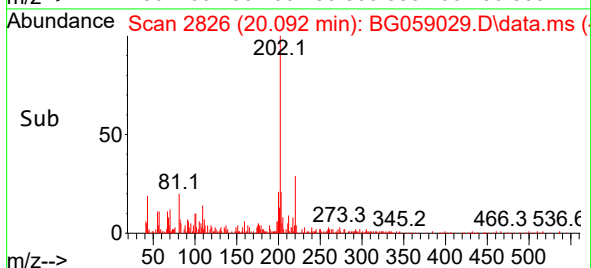
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

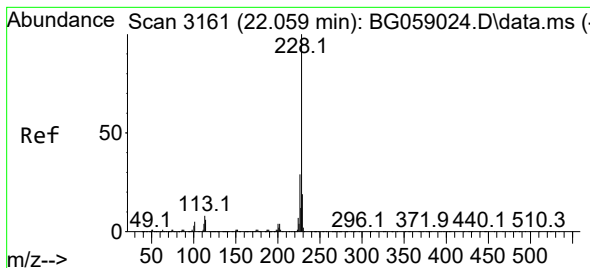


#82
Pyrene
Concen: 3.998 ng/ul
RT: 20.092 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BG059029.D
Acq: 13 Sep 2023 4:15



Tgt Ion:202 Resp: 116625
Ion Ratio Lower Upper
202 100
101 13.7 7.5 11.3#
100 9.9 6.3 9.5#





#87

Chrysene

Concen: 3.174 ng/ul m

RT: 22.060 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BG059029.D

Acq: 13 Sep 2023 4:15

Instrument :

BNA_G

ClientSampleId :

EZYK2

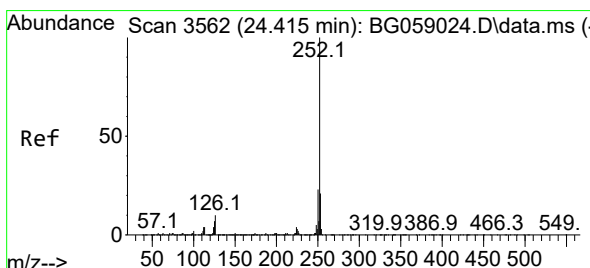
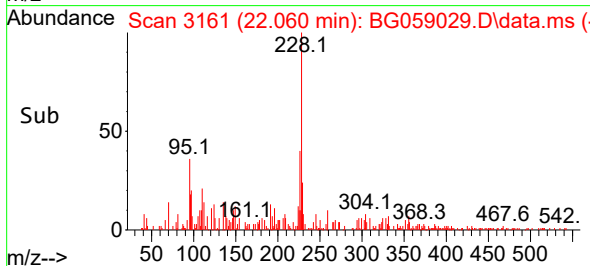
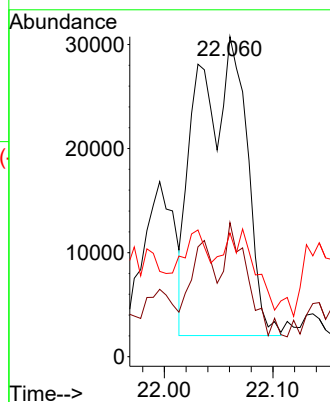
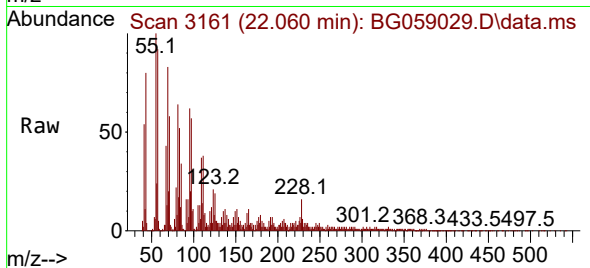
Tgt Ion:228	Resp: 9027
Ion Ratio	Lower Upper
228 100	
226 41.9	23.2 34.8
229 38.6	15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#90

Benzo(b)fluoranthene

Concen: 2.875 ng/ul m

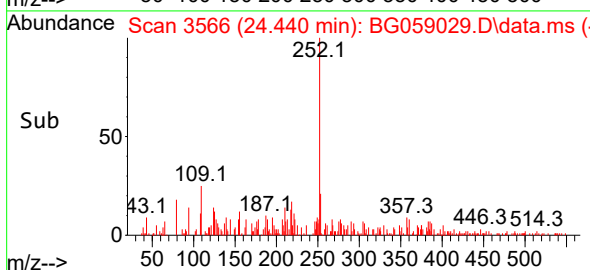
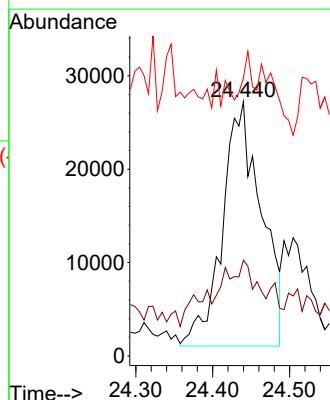
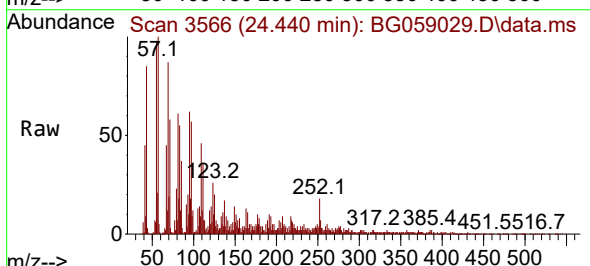
RT: 24.440 min Scan# 3566

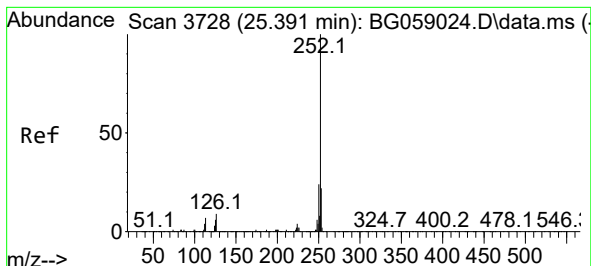
Delta R.T. 0.024 min

Lab File: BG059029.D

Acq: 13 Sep 2023 4:15

Tgt Ion:252	Resp: 92062
Ion Ratio	Lower Upper
252 100	
253 37.7	17.8 26.8
125 109.2	6.2 9.2





#93

Benzo(a)pyrene

Concen: 1.658 ng/ul

RT: 25.427 min Scan# 31

Delta R.T. 0.024 min

Lab File: BG059029.D

Acq: 13 Sep 2023 4:15

Instrument :

BNA_G

ClientSampleId :

EZYK2

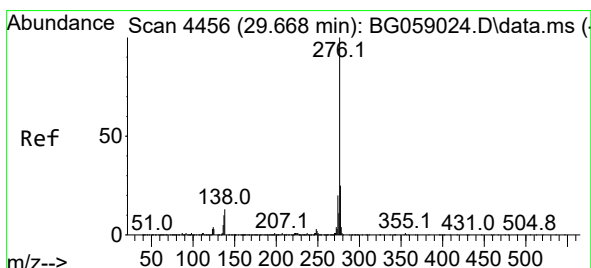
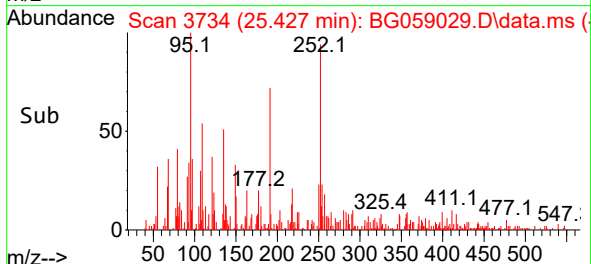
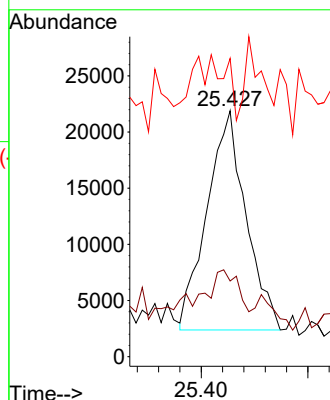
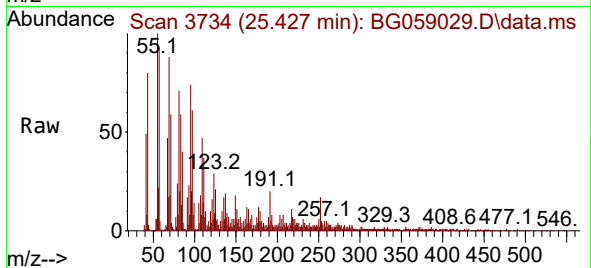
Tgt Ion:	252	Resp:	49530
Ion Ratio	Lower	Upper	
252	100		
253	30.8	17.1	25.7
125	121.3	5.3	7.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.205 ng/ul m

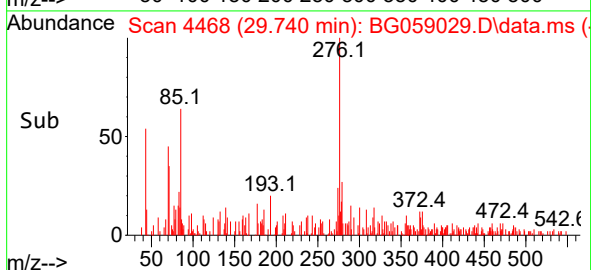
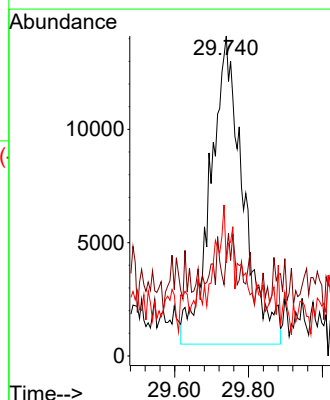
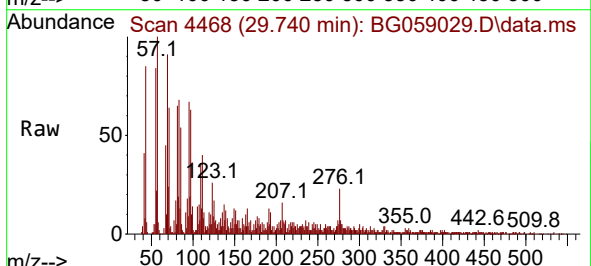
RT: 29.740 min Scan# 4468

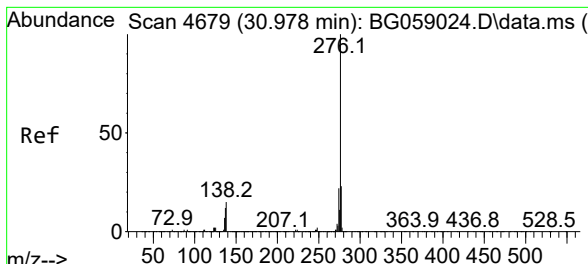
Delta R.T. 0.059 min

Lab File: BG059029.D

Acq: 13 Sep 2023 4:15

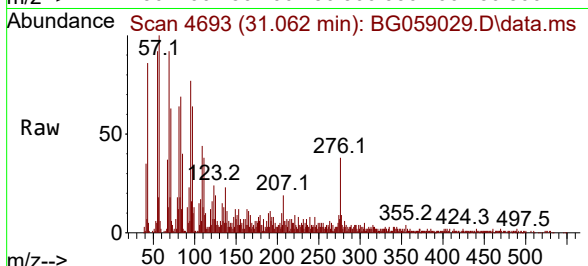
Tgt Ion:	276	Resp:	83242
Ion Ratio	Lower	Upper	
276	100		
138	31.3	11.8	17.8
277	29.0	20.7	31.1





#96
 Benzo(g,h,i)perylene
 Concen: 3.441 ng/ul m
 RT: 31.062 min Scan# 4
 Delta R.T. 0.071 min
 Lab File: BG059029.D
 Acq: 13 Sep 2023 4:15

Instrument :
 BNA_G
 ClientSampleId :
 EZYK2



Tgt Ion:	276	Resp:	10283
Ion Ratio	Lower	Upper	
276	100		
138	13.3	11.4	17.2
277	24.9	17.4	26.2

Manual Integrations
 APPROVED

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

