

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059021.D
 Acq On : 12 Sep 2023 22:05
 Operator : MA/JU
 Sample : 04175-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD0

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 00:36:53 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	8.311	152	97997	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	466007	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.939	164	355476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.688	188	961905	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.007	240	886842	20.000	ng/ul	0.00
88) Perylene-d12	25.561	264	1012568	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.622	96	6554	2.843	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.418	99	136446	13.807	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.624	67	87450	15.092	ng/ul	0.00
11) 2-Chlorophenol-d4	7.823	132	80869	12.759	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	52680	6.900	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	51858	15.342	ng/ul	0.00
24) 2-Nitrophenol-d4	10.226	143	25294	6.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.749	165	78654	9.978	ng/ul	0.00
31) 4-Chloroaniline-d4	11.290	131	149025	14.058	ng/ul	0.00
46) Dimethylphthalate-d6	14.333	166	502029	18.207	ng/ul	0.00
49) Acenaphthylene-d8	14.639	160	515121	16.776	ng/ul	0.00
54) 4-Nitrophenol-d4	15.091	143	3356m	0.733	ng/ul	-0.02
60) Fluorene-d10	15.926	176	479070	19.577	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	372	0.079	ng/ul	-0.01
73) Anthracene-d10	17.782	188	764883	17.912	ng/ul	0.00
81) Pyrene-d10	20.056	212	972729	20.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.315	264	944479	19.028	ng/ul	0.00
Target Compounds						
16) Acetophenone	9.157	105	29393	2.322	ng/ul	Qvalue 89
80) Fluoranthene	19.721	202	74831	1.372	ng/ul#	96
82) Pyrene	20.085	202	73712	1.300	ng/ul	98
87) Chrysene	22.054	228	59260	1.072	ng/ul	94
90) Benzo(b)fluoranthene	24.404	252	82473m	1.367	ng/ul	

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

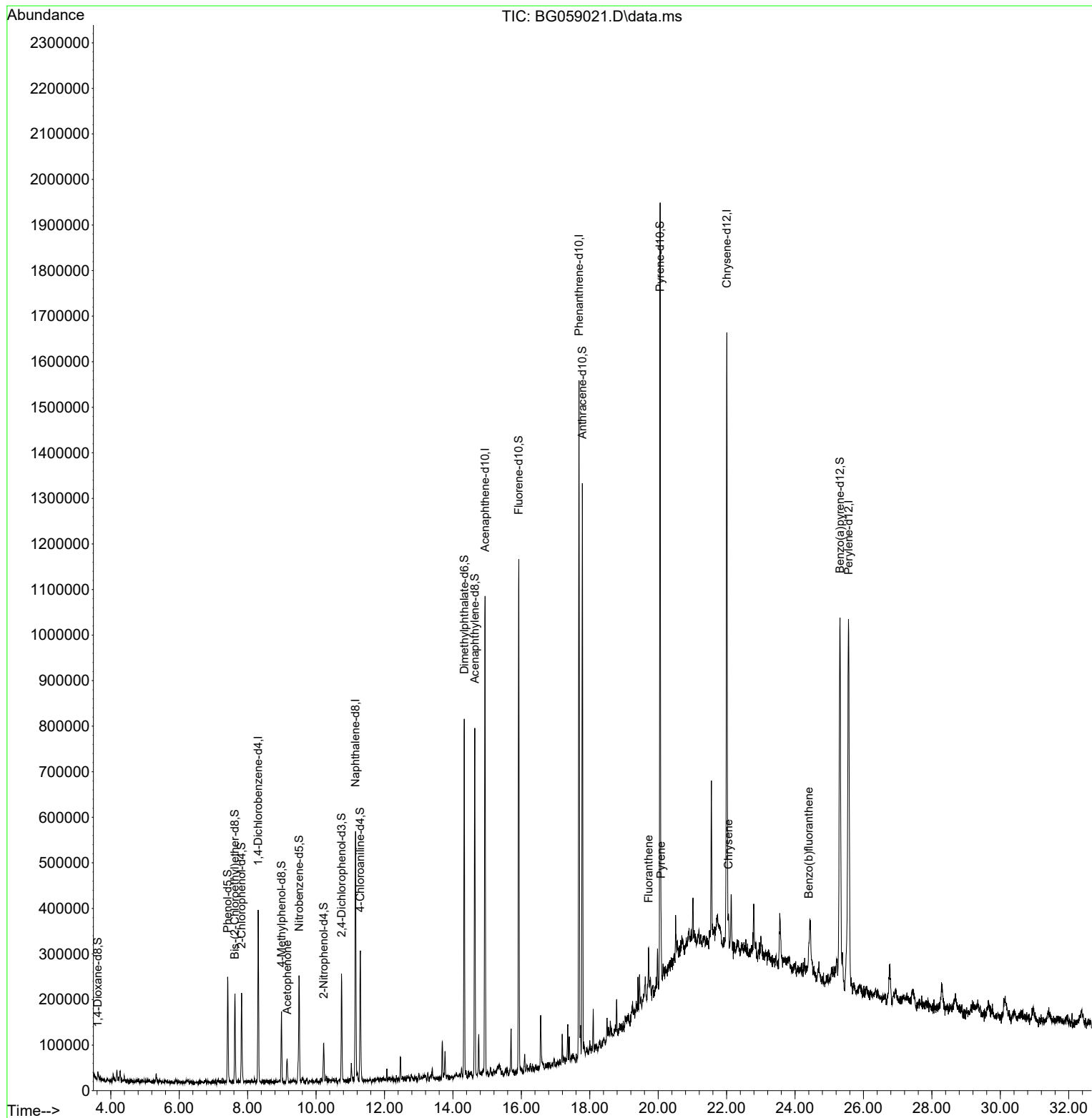
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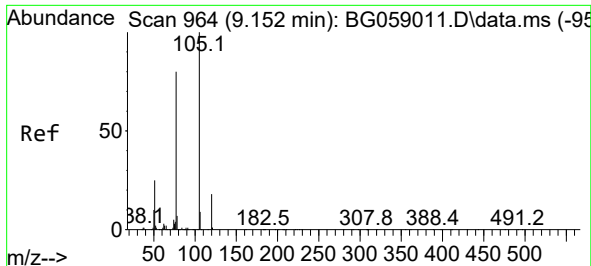
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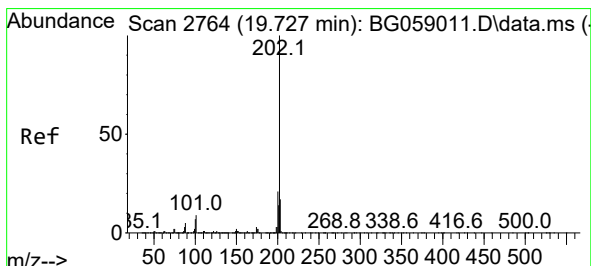
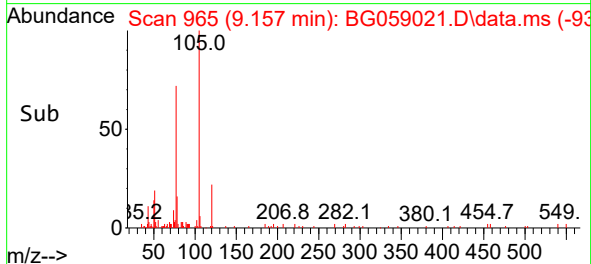
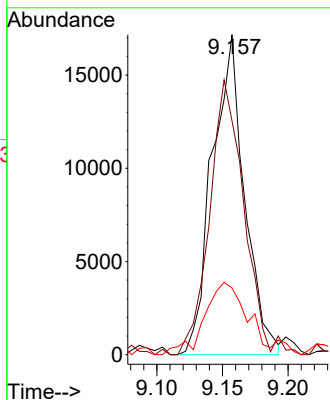
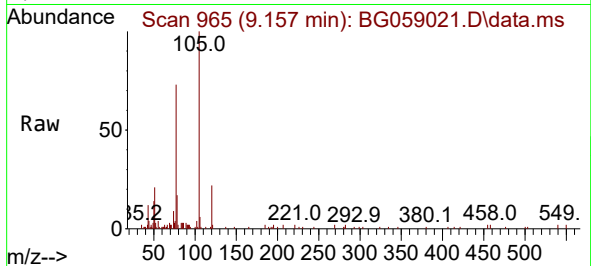
#16
Acetophenone
Concen: 2.322 ng/ul
RT: 9.157 min Scan# 90
Delta R.T. 0.006 min
Lab File: BG059021.D
Acq: 12 Sep 2023 22:05

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	73.1	67.3	100.9
51	20.9	19.3	28.9

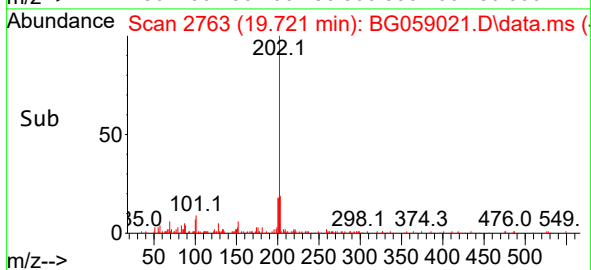
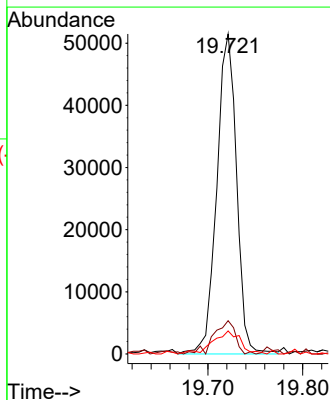
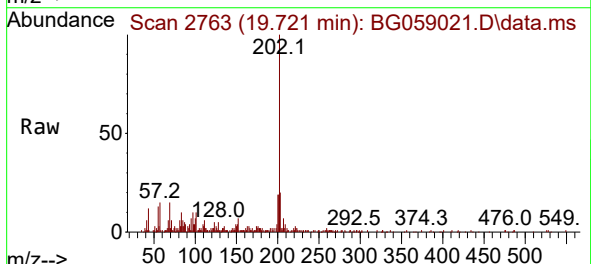
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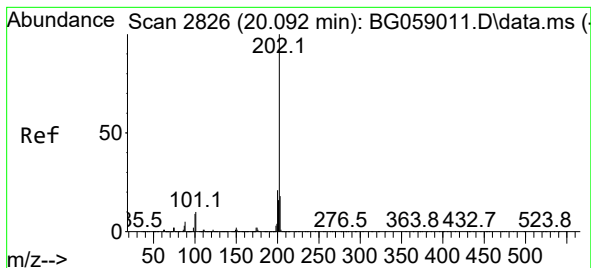
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#80
Fluoranthene
Concen: 1.372 ng/ul
RT: 19.721 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BG059021.D
Acq: 12 Sep 2023 22:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.1	9.1#
100	7.2	5.9	8.9





#82

Pyrene

Concen: 1.300 ng/ul

RT: 20.085 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059021.D

Acq: 12 Sep 2023 22:05

Instrument :

BNA_G

ClientSampleId :

EZYD0

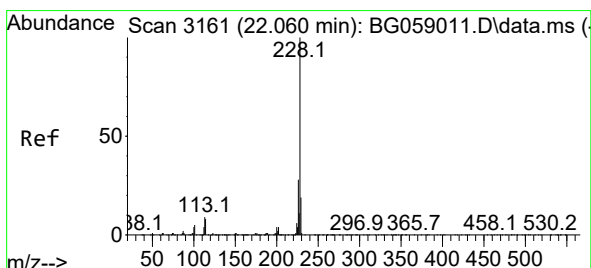
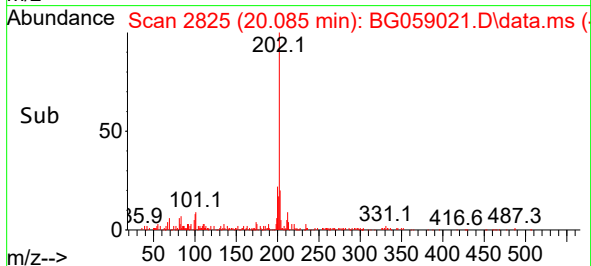
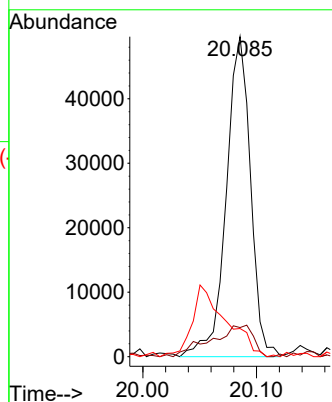
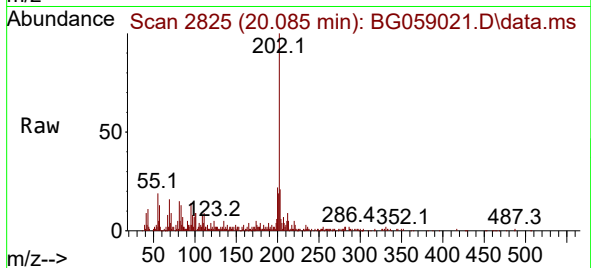
Tgt Ion:	202	Resp:	7371
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.5	11.3
100	8.8	6.3	9.5

Manual Integrations

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#87

Chrysene

Concen: 1.072 ng/ul

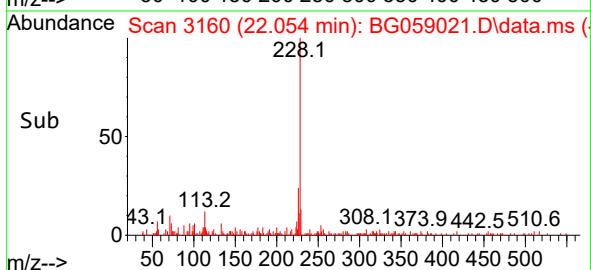
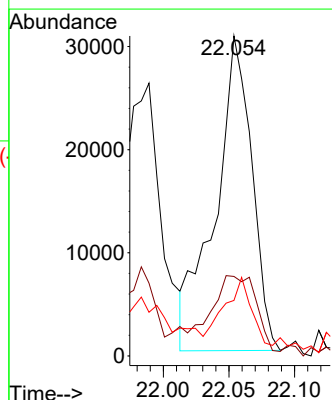
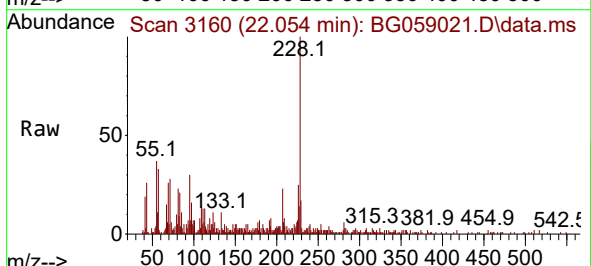
RT: 22.054 min Scan# 3160

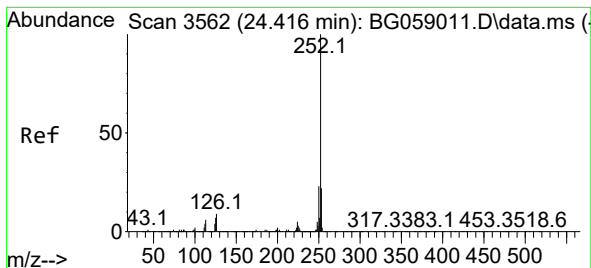
Delta R.T. -0.006 min

Lab File: BG059021.D

Acq: 12 Sep 2023 22:05

Tgt Ion:	228	Resp:	59260
Ion Ratio	Lower	Upper	
228	100		
226	24.9	23.2	34.8
229	17.4	15.3	22.9





#90

Benzo(b)fluoranthene

Concen: 1.367 ng/ul m

RT: 24.404 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG059021.D

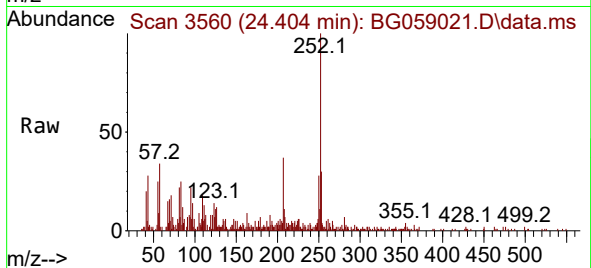
Acq: 12 Sep 2023 22:05

Instrument :

BNA_G

ClientSampleId :

EZYD0



Tgt Ion:252	Resp:	8247
Ion Ratio	Lower	Upper
252	100	
253	30.1	17.8 26.8
125	11.1	6.2 9.2

Manual Integrations

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