

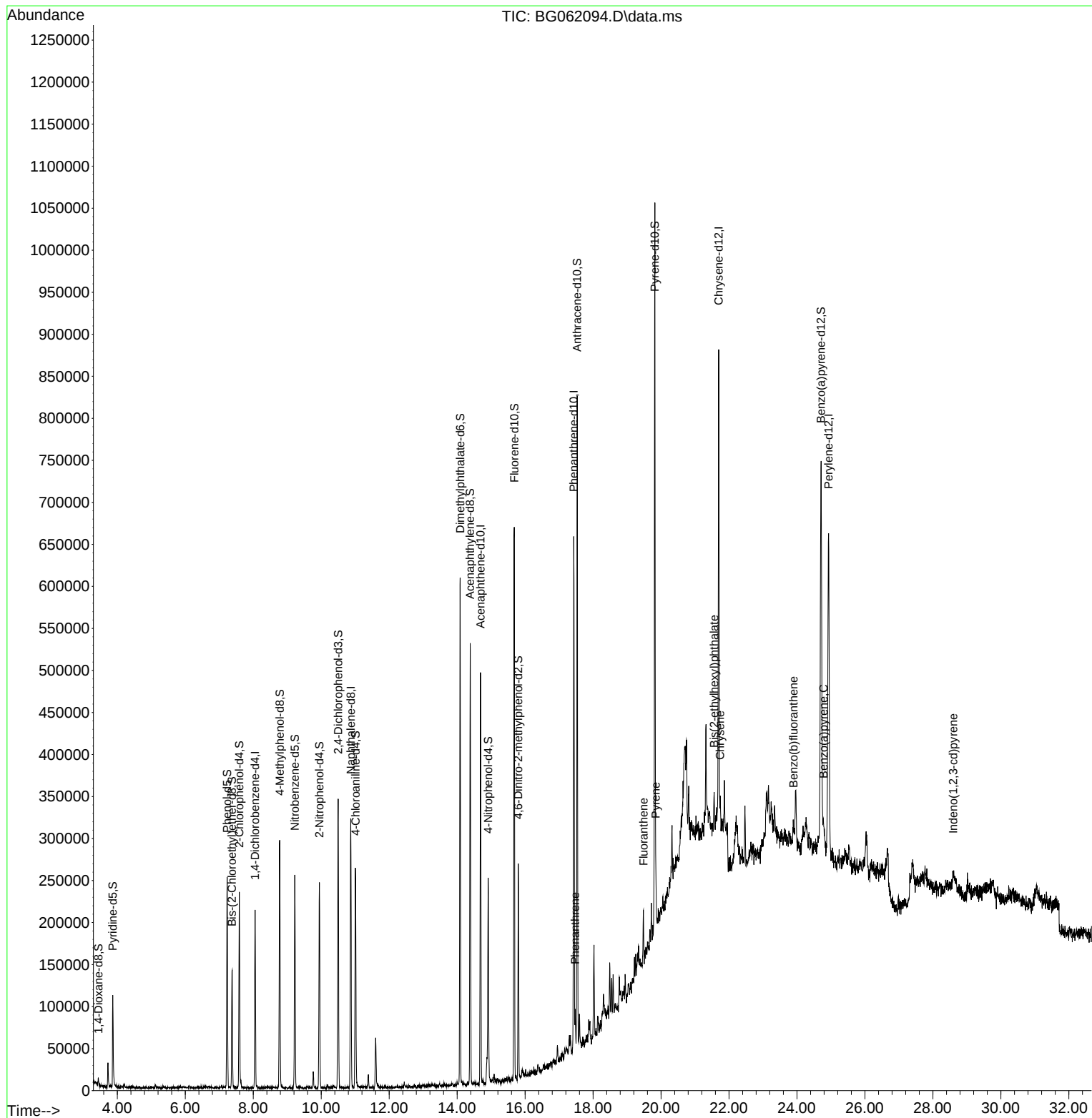
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

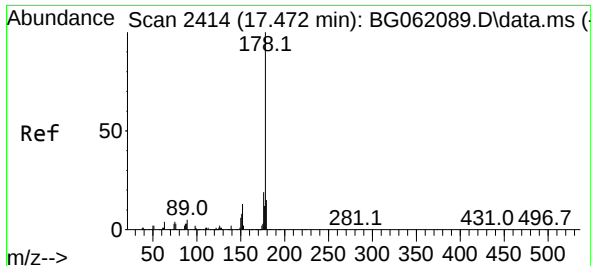
Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 02:24:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration





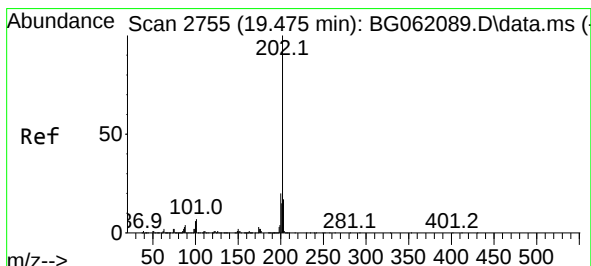
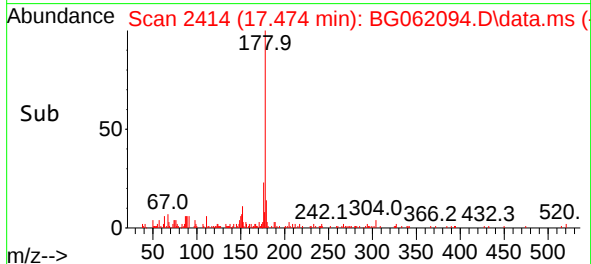
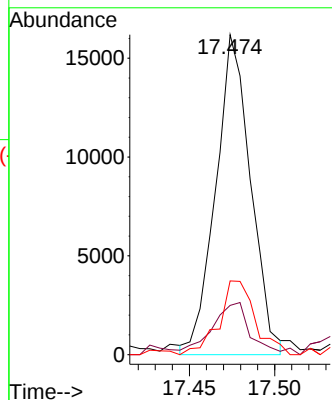
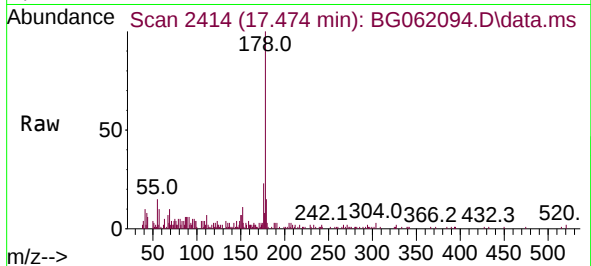
#72
Phenanthrene
Concen: 1.208 ng/ul
RT: 17.474 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG062094.D
Acq: 16 Jul 2024 14:54

Instrument :
BNA_G
ClientSampleId :
A4BX4

Tgt Ion:178 Resp: 23084
Ion Ratio Lower Upper
178 100
179 15.4 11.9 17.9
176 23.0 15.5 23.3

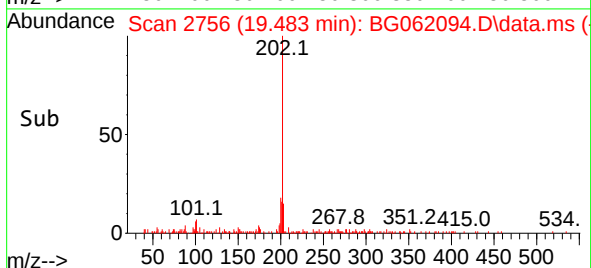
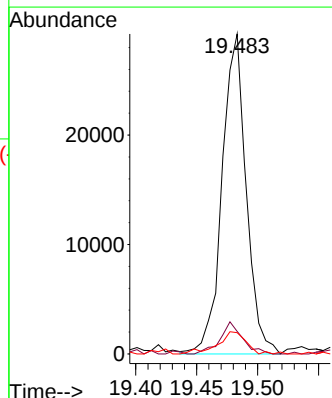
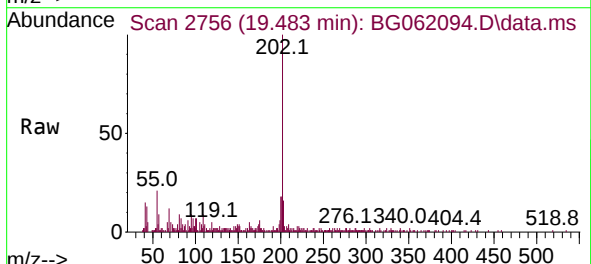
Manual Integrations
APPROVED

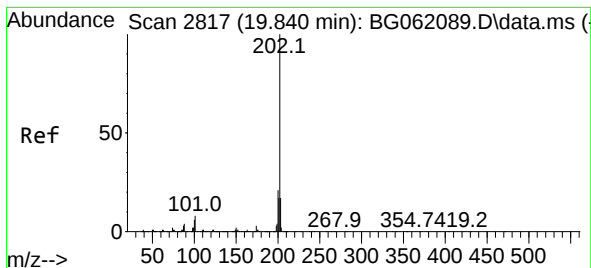
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#80
Fluoranthene
Concen: 1.851 ng/ul
RT: 19.483 min Scan# 2756
Delta R.T. 0.008 min
Lab File: BG062094.D
Acq: 16 Jul 2024 14:54

Tgt Ion:202 Resp: 40309
Ion Ratio Lower Upper
202 100
101 7.0 7.4 11.2#
100 6.7 6.6 10.0





#82

Pyrene

Concen: 1.687 ng/ul

RT: 19.848 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Instrument :

BNA_G

ClientSampleId :

A4BX4

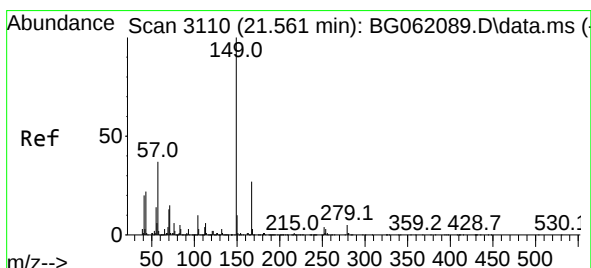
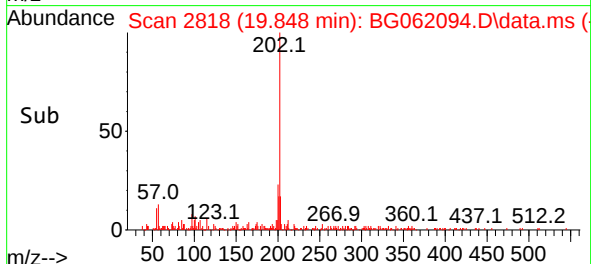
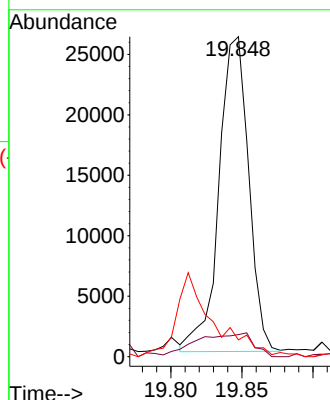
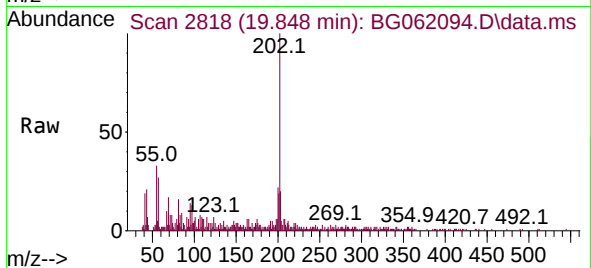
Tgt Ion:202 Resp: 3793

Ion	Ratio	Lower	Upper
202	100		
101	6.9	8.8	13.2
100	5.3	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.122 ng/ul

RT: 21.563 min Scan# 3110

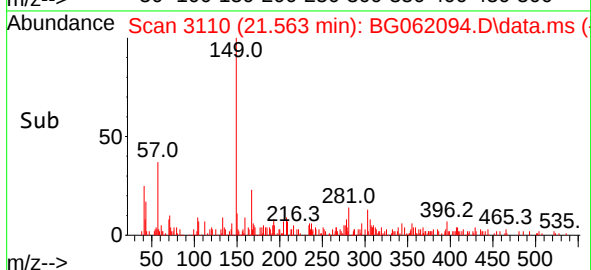
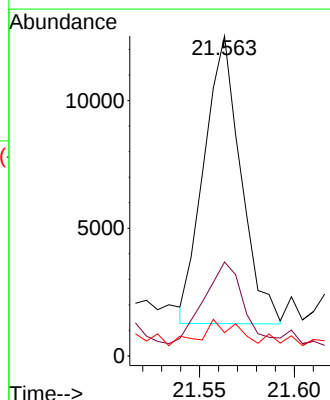
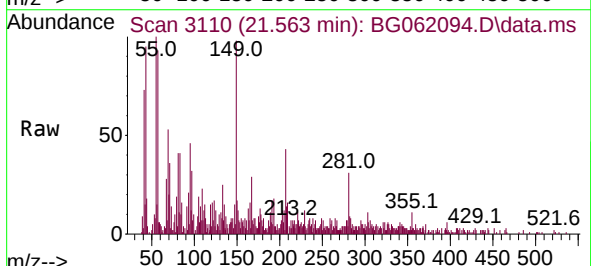
Delta R.T. 0.002 min

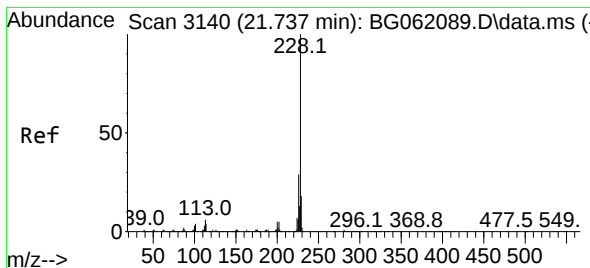
Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Tgt Ion:149 Resp: 15194

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.7	32.5
279	7.3	2.8	4.2





#87

Chrysene

Concen: 1.058 ng/ul m

RT: 21.739 min Scan# 3140

Delta R.T. 0.002 min

Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Instrument :

BNA_G

ClientSampleId :

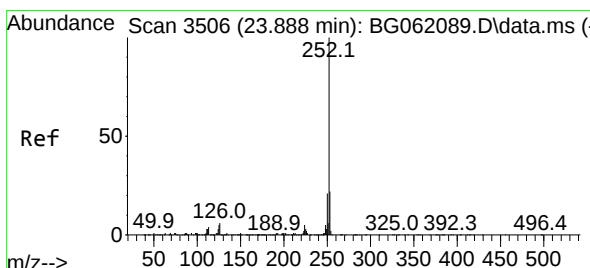
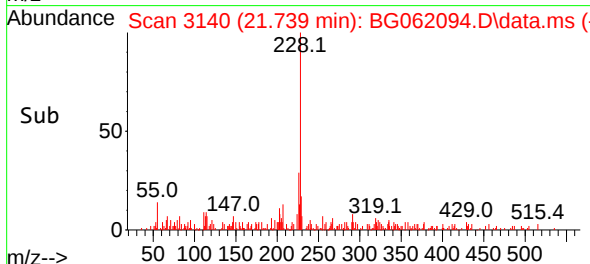
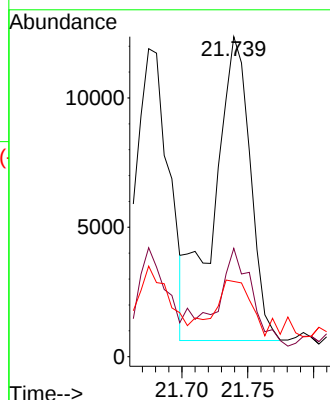
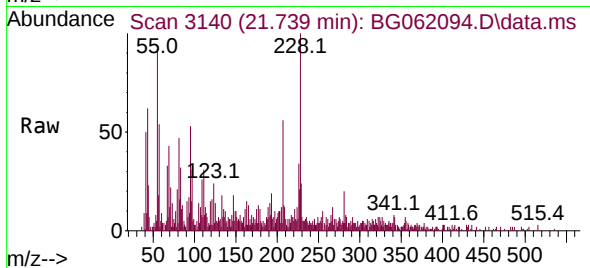
A4BX4

Tgt Ion:	228	Resp:	2242
Ion Ratio	Lower	Upper	
228	100		
226	33.8	23.3	34.9
229	23.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#90

Benzo(b)fluoranthene

Concen: 1.369 ng/ul

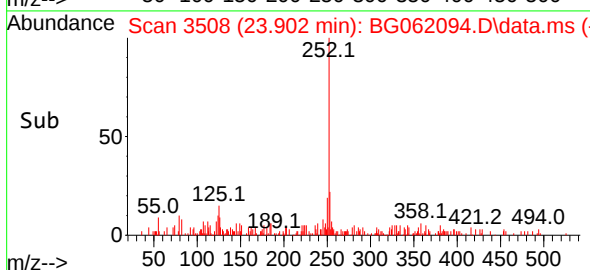
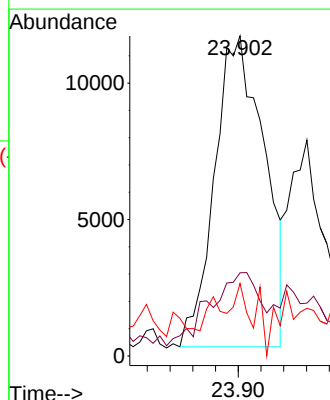
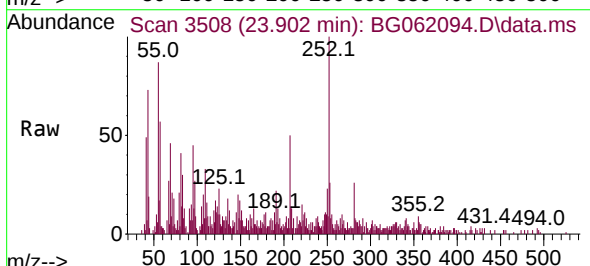
RT: 23.902 min Scan# 3508

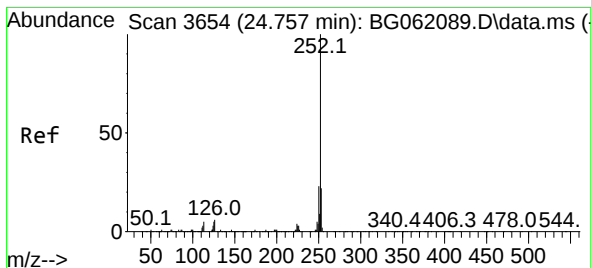
Delta R.T. 0.014 min

Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Tgt Ion:	252	Resp:	34570
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.2	25.8#
125	22.7	6.1	9.1#





#93

Benzo(a)pyrene

Concen: 1.118 ng/ul m

RT: 24.783 min Scan# 3

Delta R.T. 0.026 min

Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Instrument :

BNA_G

ClientSampleId :

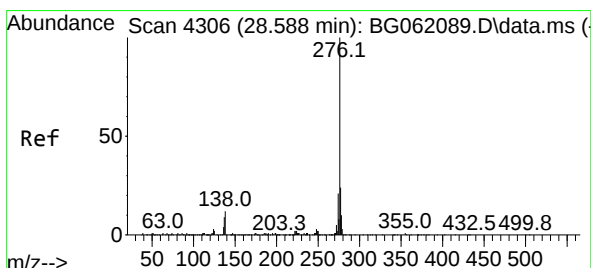
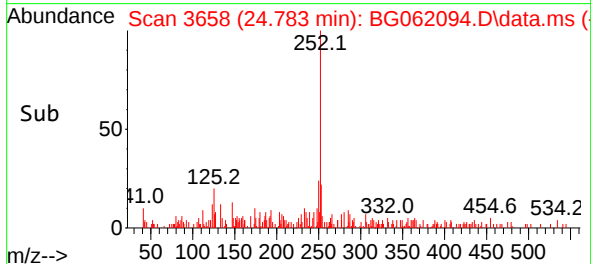
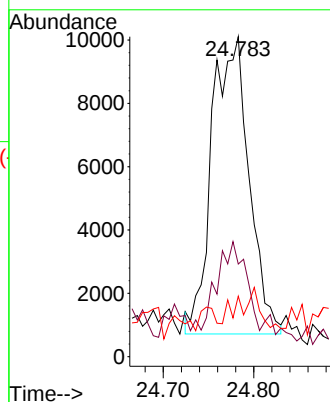
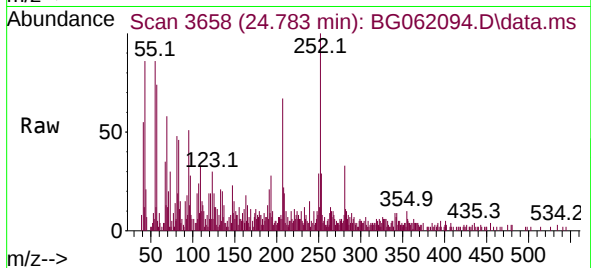
A4BX4

Tgt Ion:	252	Resp:	26740
Ion Ratio	Lower	Upper	
252	100		
253	29.0	16.5	24.7
125	18.9	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.013 ng/ul m

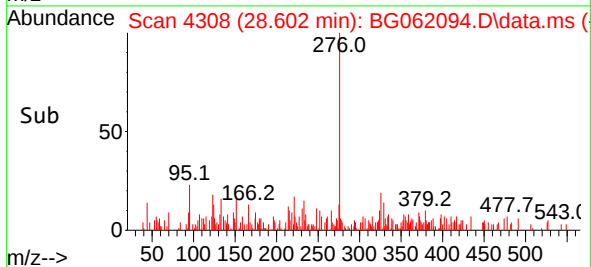
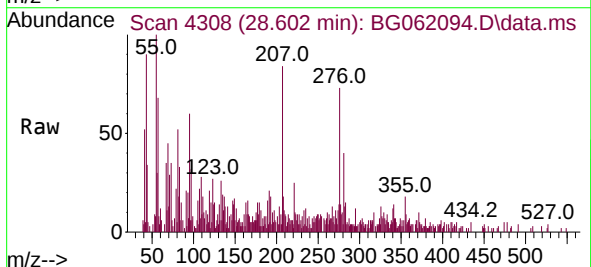
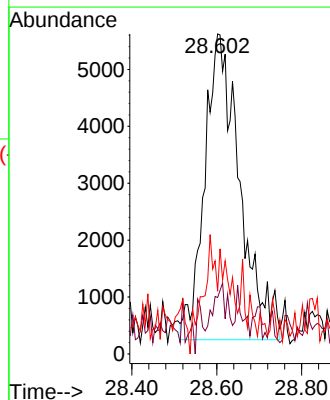
RT: 28.602 min Scan# 4308

Delta R.T. 0.014 min

Lab File: BG062094.D

Acq: 16 Jul 2024 14:54

Tgt Ion:	276	Resp:	30973
Ion Ratio	Lower	Upper	
276	100		
138	17.7	11.9	17.9
277	19.6	19.3	28.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062094.D
 Acq On : 16 Jul 2024 14:54
 Operator : MA/JU
 Sample : P3177-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 02:24:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	48883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.870	136	238134	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.689	164	157033	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	362412	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.698	240	312784	20.000	ng/u1	# 0.00
88) Perylene-d12	24.930	264	400862	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3731m	2.868	ng/uL	0.00
4) Pyridine-d5	3.866	84	44016	11.005	ng/u1	0.00
7) Phenol-d5	7.233	99	114896	21.478	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.374	67	63424	18.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.591	132	82972	22.611	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	93562	22.213	ng/u1	0.01
21) Nitrobenzene-d5	9.225	128	46011	25.405	ng/u1	0.00
24) 2-Nitrophenol-d4	9.947	143	58394	28.234	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	104130	26.103	ng/u1	0.01
31) 4-Chloroaniline-d4	11.011	131	118511	20.462	ng/u1	0.00
46) Dimethylphthalate-d6	14.090	166	358577	27.775	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	339015	25.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	40723	19.752	ng/u1	0.00
60) Fluorene-d10	15.682	176	260575	23.976	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	44370	23.312	ng/u1	0.00
73) Anthracene-d10	17.533	188	434773	25.695	ng/u1	0.00
81) Pyrene-d10	19.818	212	471248	25.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.707	264	516709	25.990	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.474	178	23084	1.208	ng/u1	95
80) Fluoranthene	19.483	202	40309	1.851	ng/u1#	95
82) Pyrene	19.848	202	37935	1.687	ng/u1#	89
86) Bis(2-ethylhexyl)phtha...	21.563	149	15194	1.122	ng/u1#	95
87) Chrysene	21.739	228	22421m	1.058	ng/u1	
90) Benzo(b)fluoranthene	23.902	252	34570	1.369	ng/u1#	82
93) Benzo(a)pyrene	24.783	252	26746m	1.118	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.602	276	30973m	1.013	ng/u1	

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