

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061906.D
 Acq On : 5 Jul 2024 21:50
 Operator : MA/JU
 Sample : P2982-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BC4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 06 01:48:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	41002	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	206241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	146123	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.453	188	336626	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.713	240	296949	20.000	ng/u1	-0.01
88) Perylene-d12	24.956	264	360509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	4979m	4.563	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.248	99	134186	29.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.412	67	81590	28.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	96170	31.245	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	106199	30.060	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	50834	32.409	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	59301	33.106	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	116313	33.665	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.037	131	49027	9.774	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	379309	31.574	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	425393	33.864	ng/u1	0.00
54) 4-Nitrophenol-d4	14.903	143	56974	29.698	ng/u1	-0.01
60) Fluorene-d10	15.703	176	335551	33.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	60228	34.067	ng/u1	-0.01
73) Anthracene-d10	17.553	188	510918	32.508	ng/u1	0.00
81) Pyrene-d10	19.833	212	497255	28.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	387400	21.667	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.500	178	89729	5.055	ng/u1	98
80) Fluoranthene	19.498	202	195764	9.471	ng/u1	97
82) Pyrene	19.862	202	147638	6.915	ng/u1	98
85) Benzo(a)anthracene	21.696	228	96189	4.474	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.596	149	27462	2.136	ng/u1#	93
87) Chrysene	21.760	228	113556	5.642	ng/u1	94
90) Benzo(b)fluoranthene	23.922	252	157556	6.937	ng/u1	98
91) Benzo(k)fluoranthene	23.981	252	53353m	2.356	ng/u1	
93) Benzo(a)pyrene	24.798	252	54293	2.524	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.646	276	63467m	2.309	ng/u1	
95) Dibenzo(a,h)anthracene	28.693	278	23175m	1.021	ng/u1	

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

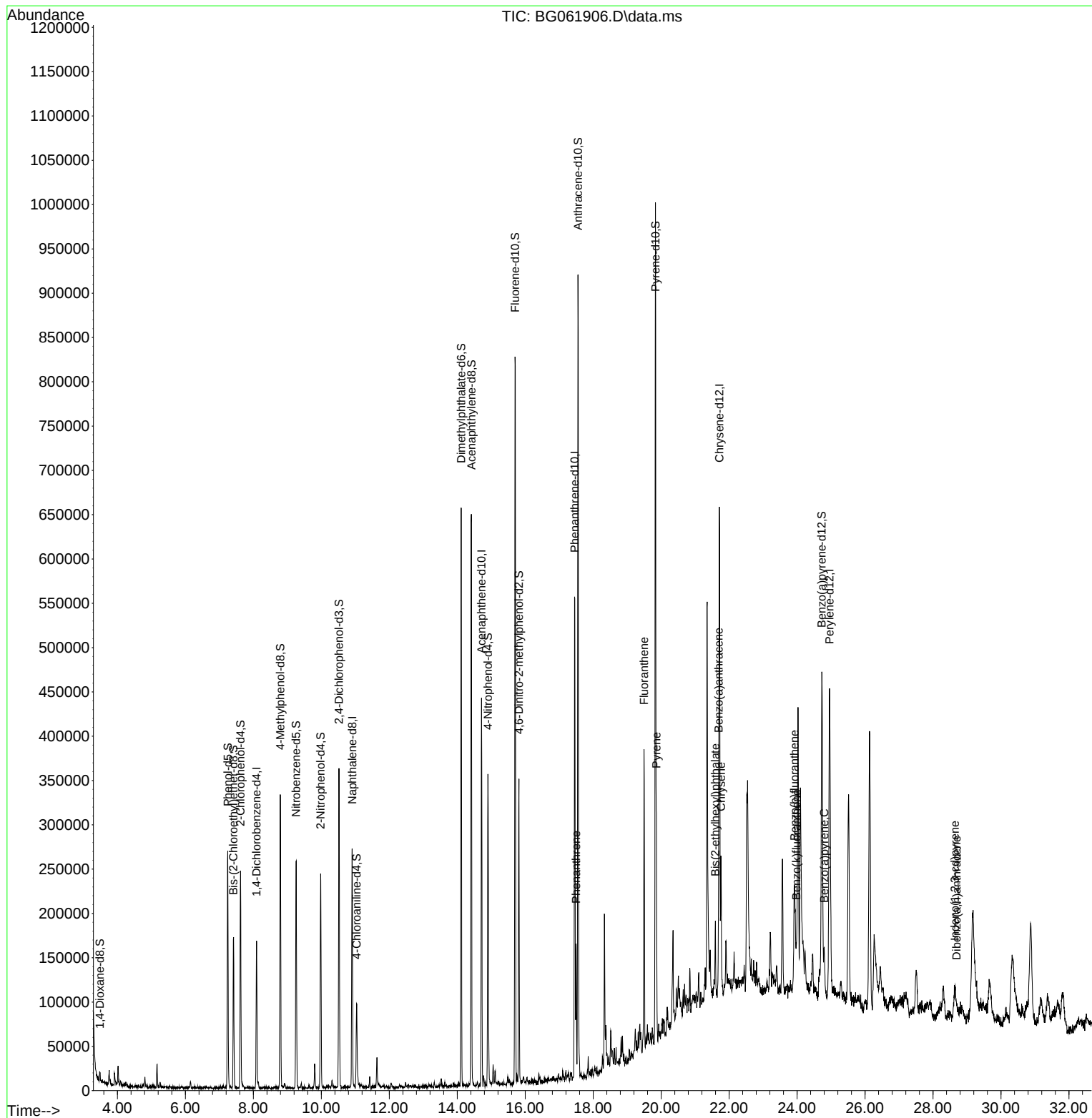
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061906.D
Acq On : 5 Jul 2024 21:50
Operator : MA/JU
Sample : P2982-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

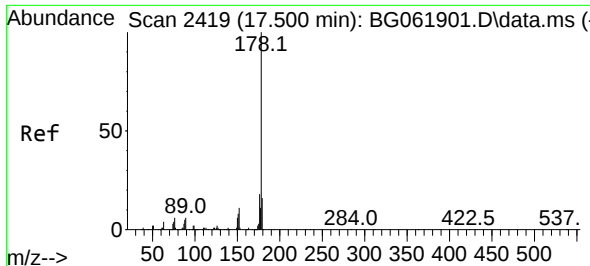
Instrument :
BNA_G
ClientSampleId :
A4BC4

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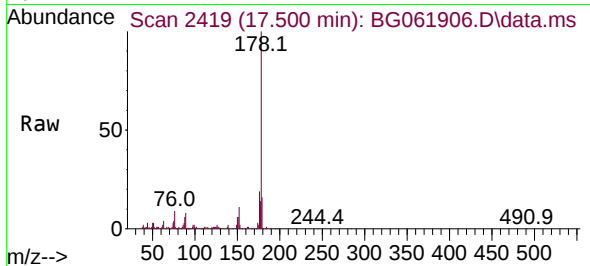
Quant Time: Jul 06 01:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.055 ng/u1
RT: 17.500 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

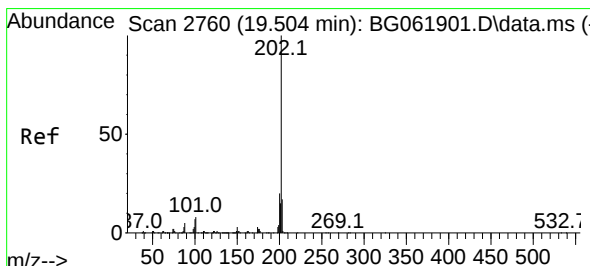
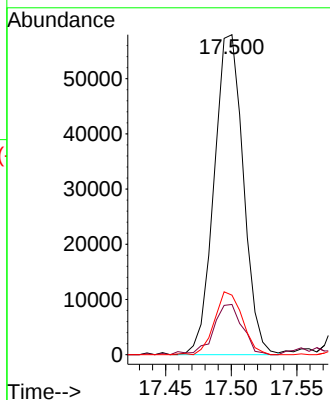
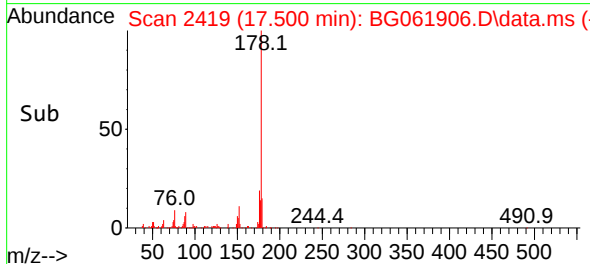
Instrument :
BNA_G
ClientSampleId :
A4BC4



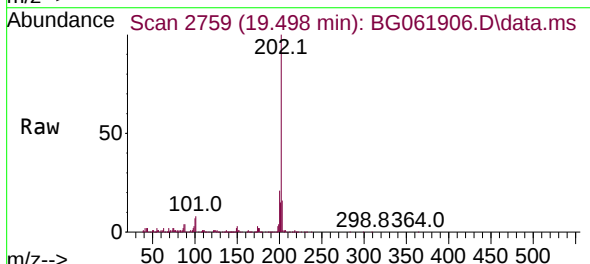
Tgt Ion:178 Resp: 89729
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 18.6 15.5 23.3

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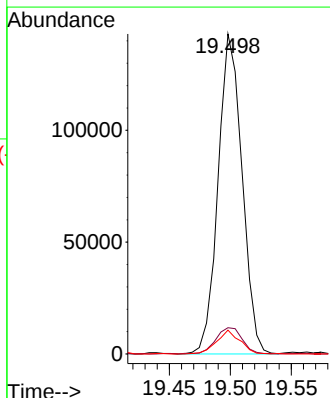
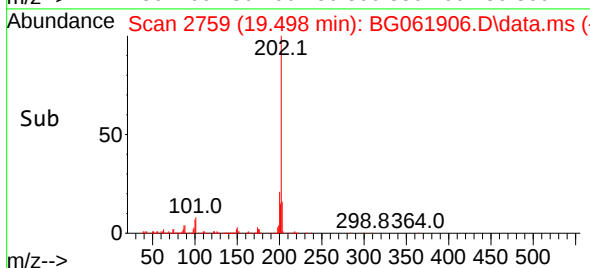
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

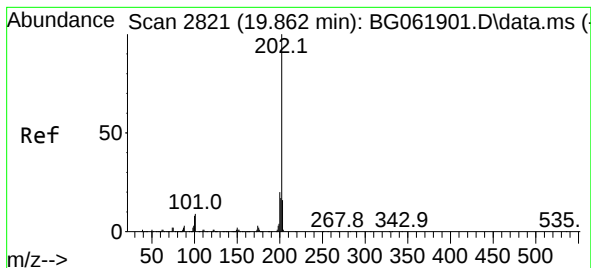


#80
Fluoranthene
Concen: 9.471 ng/u1
RT: 19.498 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50



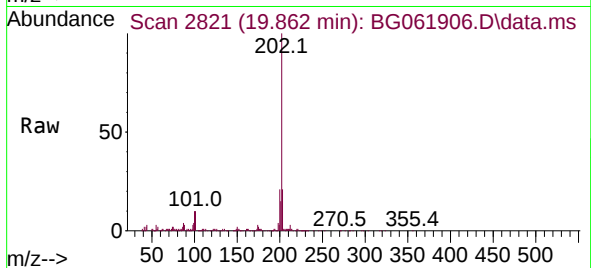
Tgt Ion:202 Resp: 195764
Ion Ratio Lower Upper
202 100
101 8.2 7.4 11.2
100 7.4 6.6 10.0





#82
Pyrene
Concen: 6.915 ng/ul
RT: 19.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

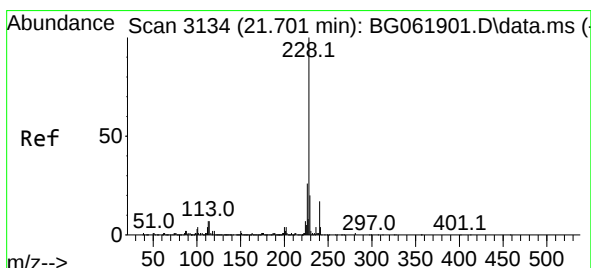
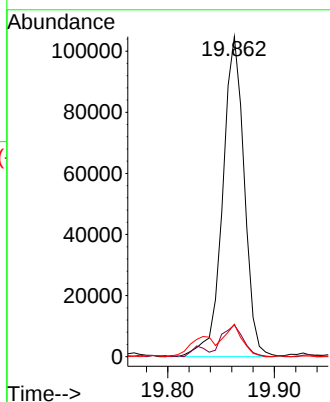
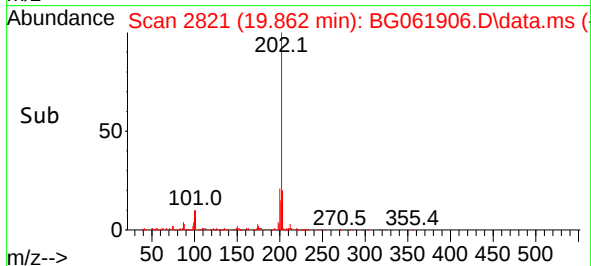
Instrument :
BNA_G
ClientSampleId :
A4BC4



Tgt Ion:202 Resp: 147638
Ion Ratio Lower Upper
202 100
101 9.9 8.8 13.2
100 10.2 7.6 11.4

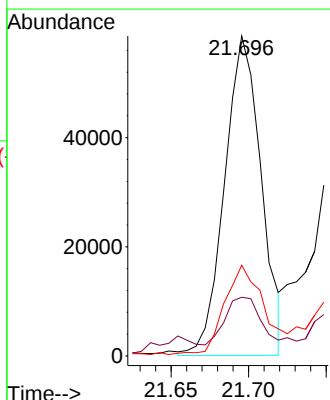
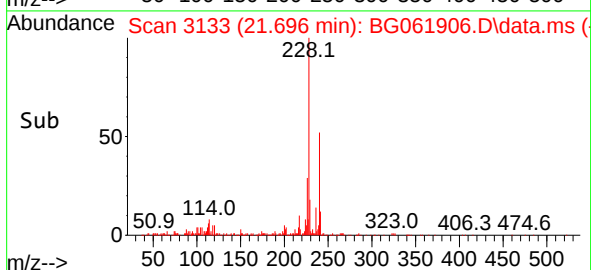
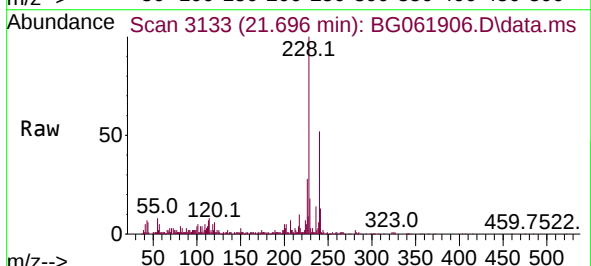
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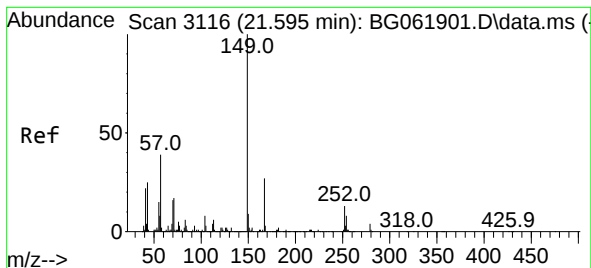
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#85
Benzo(a)anthracene
Concen: 4.474 ng/ul
RT: 21.696 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

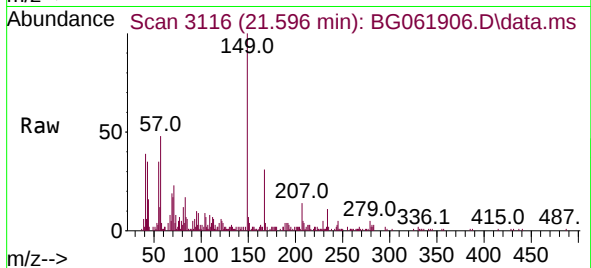
Tgt Ion:228 Resp: 96189
Ion Ratio Lower Upper
228 100
229 18.4 15.7 23.5
226 28.3 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.136 ng/ul
RT: 21.596 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

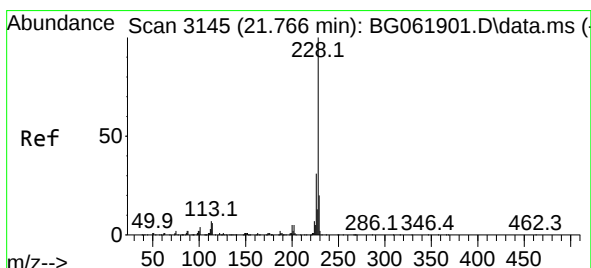
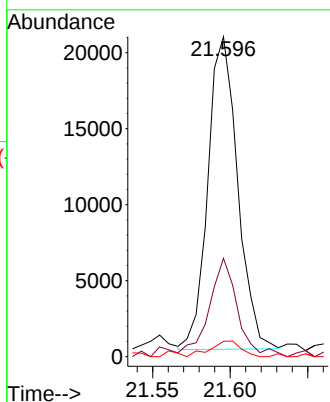
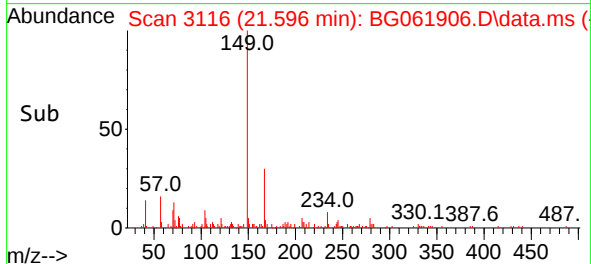
Instrument :
BNA_G
ClientSampleId :
A4BC4



Tgt Ion:149 Resp: 27462
Ion Ratio Lower Upper
149 100
167 30.7 21.7 32.5
279 4.8 2.8 4.2

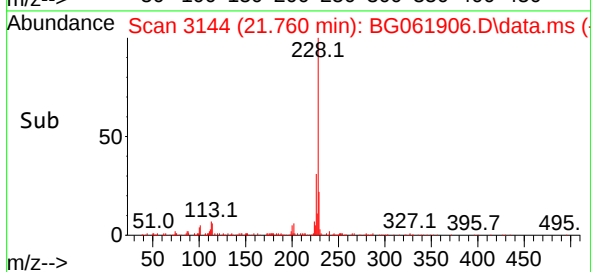
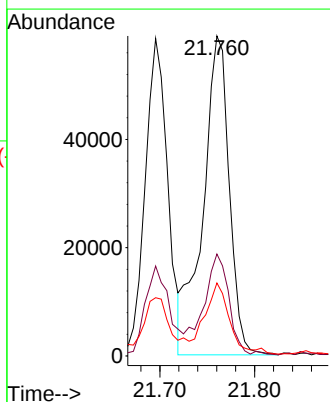
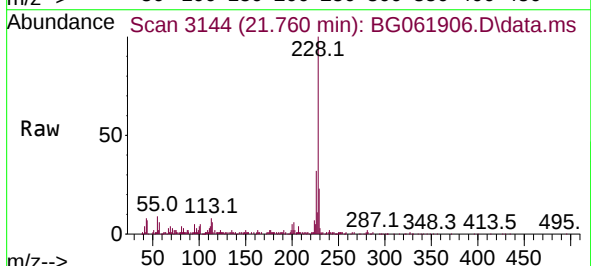
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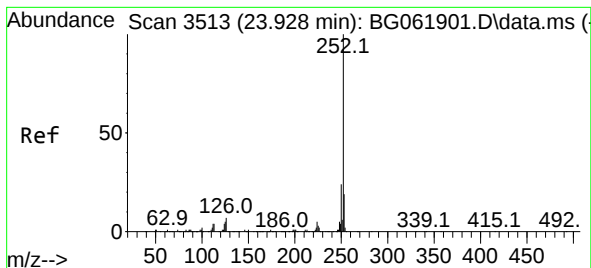
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#87
Chrysene
Concen: 5.642 ng/ul
RT: 21.760 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

Tgt Ion:228 Resp: 113556
Ion Ratio Lower Upper
228 100
226 31.9 23.3 34.9
229 22.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 6.937 ng/ul

RT: 23.922 min Scan# 3513

Delta R.T. -0.012 min

Lab File: BG061906.D

Acq: 5 Jul 2024 21:50

Instrument :

BNA_G

ClientSampleId :

A4BC4

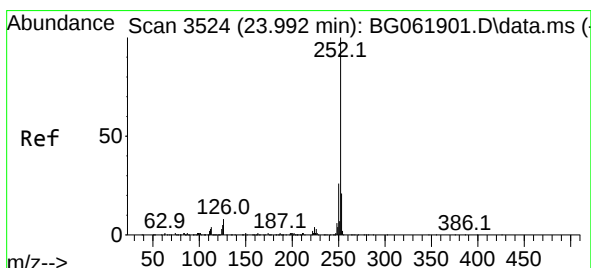
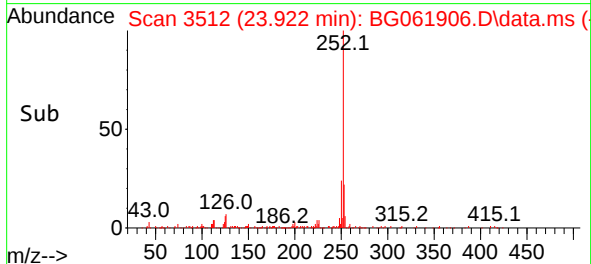
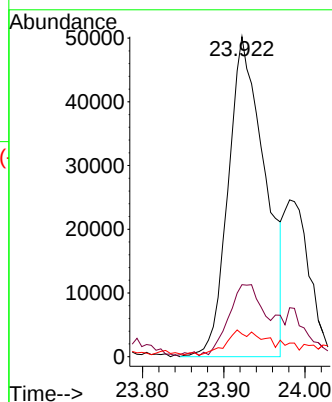
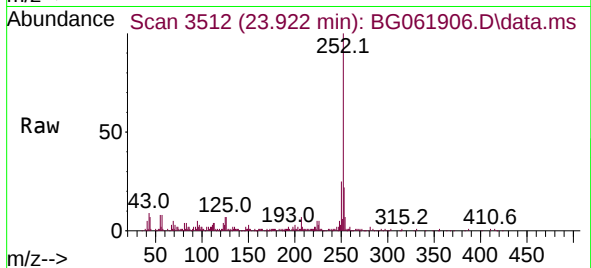
Tgt Ion:252 Resp: 157550
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.2 25.8
 125 7.1 6.1 9.1

Manual Integrations

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Supervised By :mohammad ahmed 07/09/2024



#91

Benzo(k)fluoranthene

Concen: 2.356 ng/ul m

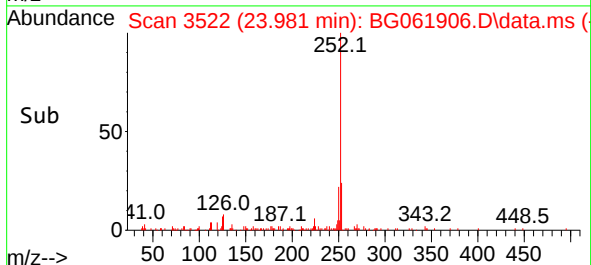
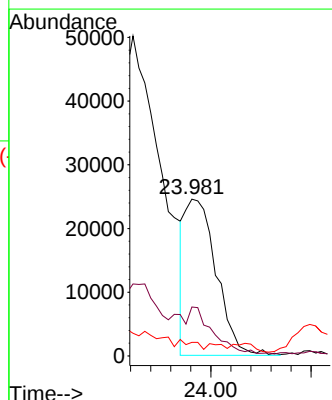
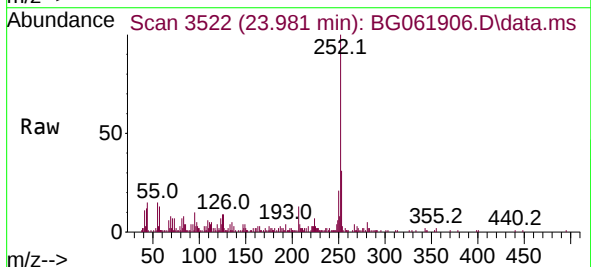
RT: 23.981 min Scan# 3522

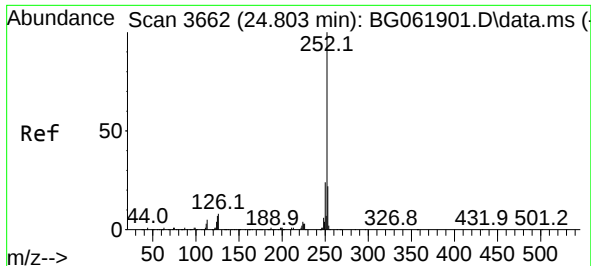
Delta R.T. -0.024 min

Lab File: BG061906.D

Acq: 5 Jul 2024 21:50

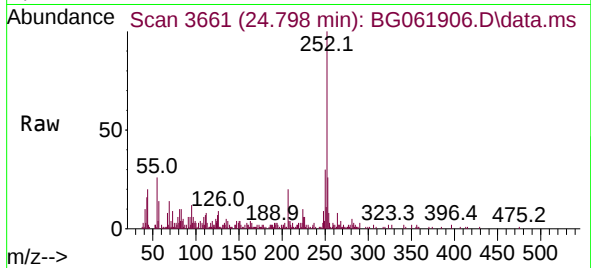
Tgt Ion:252 Resp: 53353
 Ion Ratio Lower Upper
 252 100
 253 31.2 19.3 28.9#
 125 8.7 6.3 9.5





#93
Benzo(a)pyrene
Concen: 2.524 ng/ul
RT: 24.798 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

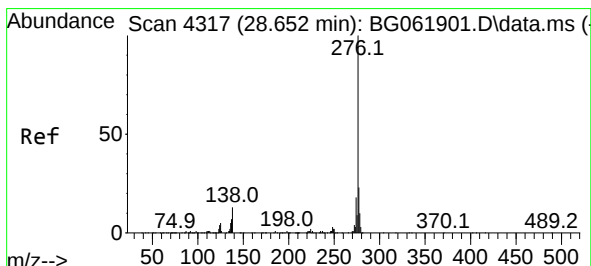
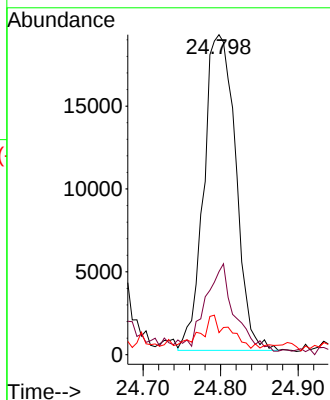
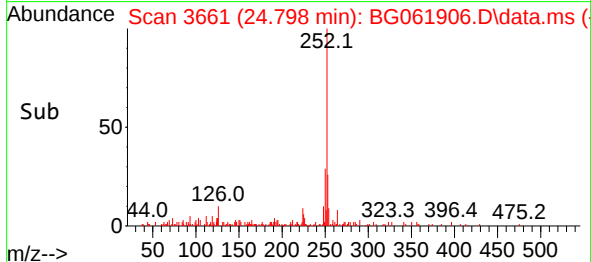
Instrument :
BNA_G
ClientSampleId :
A4BC4



Tgt Ion:252 Resp: 5429
Ion Ratio Lower Upper
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253 25.9 16.5 24.7
125 6.9 7.4 11.2

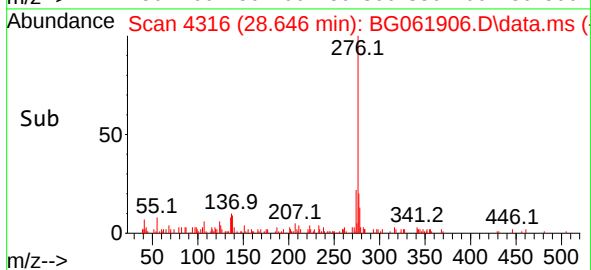
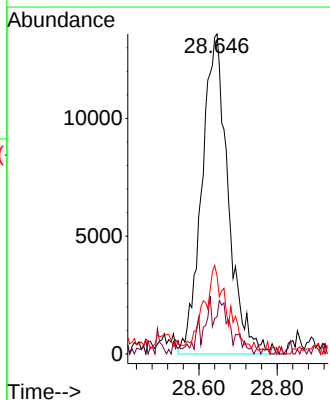
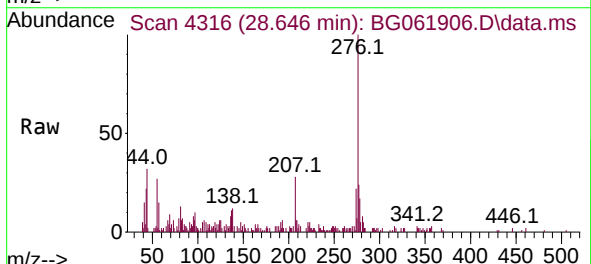
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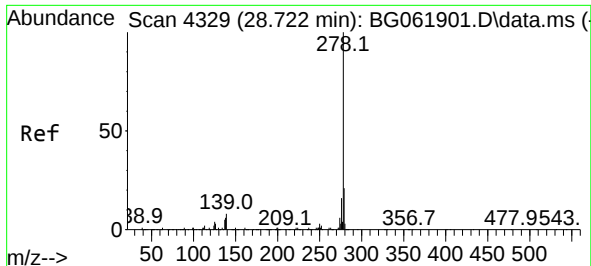
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.309 ng/ul m
RT: 28.646 min Scan# 4316
Delta R.T. -0.018 min
Lab File: BG061906.D
Acq: 5 Jul 2024 21:50

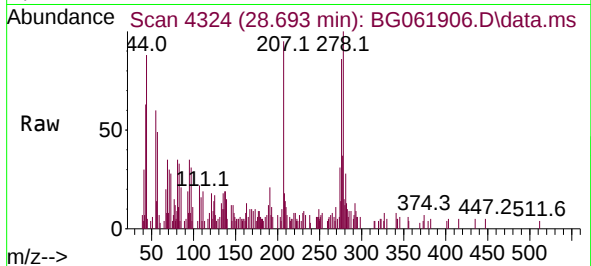
Tgt Ion:276 Resp: 63467
Ion Ratio Lower Upper
276 100
138 11.6 11.9 17.9#
277 24.4 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.021 ng/ul m
 RT: 28.693 min Scan# 4
 Delta R.T. -0.041 min
 Lab File: BG061906.D
 Acq: 5 Jul 2024 21:50

Instrument :
 BNA_G
 ClientSampleId :
 A4BC4



Tgt Ion: 278 Resp: 2317
 Ion Ratio Lower Upper
 278 100
 139 15.3 7.6 11.4
 279 15.1 18.8 28.2

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 Supervised By :mohammad ahmed 07/09/2024

