

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062170.D
 Acq On : 22 Jul 2024 20:59
 Operator : MA/JU
 Sample : P3238-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CH4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 23:34:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	36599	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	161196	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	141587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	364350	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	344056	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	362244	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	2001m	2.553	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.235	99	58685	16.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	35315	17.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	38837	17.103	ng/ul	0.00
15) 4-Methylphenol-d8	8.780	113	44603	16.254	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	20349	15.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	26400	17.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.507	165	60512	18.700	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	26865m	6.902	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	205828	17.151	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	223559	18.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	20918	14.464	ng/ul	0.00
60) Fluorene-d10	15.683	176	186780	18.279	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	31952	13.800	ng/ul	0.00
73) Anthracene-d10	17.533	188	298107m	17.515	ng/ul	0.00
81) Pyrene-d10	19.818	212	343992	17.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	252671	13.953	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.480	178	72340	4.126	ng/ul	98
80) Fluoranthene	19.483	202	158489	7.082	ng/ul	98
82) Pyrene	19.848	202	116913	5.025	ng/ul#	96
85) Benzo(a)anthracene	21.680	228	78574	3.254	ng/ul#	93
87) Chrysene	21.745	228	87324	3.933	ng/ul	95
90) Benzo(b)fluoranthene	23.901	252	108813	4.862	ng/ul	99
91) Benzo(k)fluoranthene	23.966	252	42578m	1.906	ng/ul	
93) Benzo(a)pyrene	24.770	252	45845	2.187	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	28.618	276	50412m	2.093	ng/ul	

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

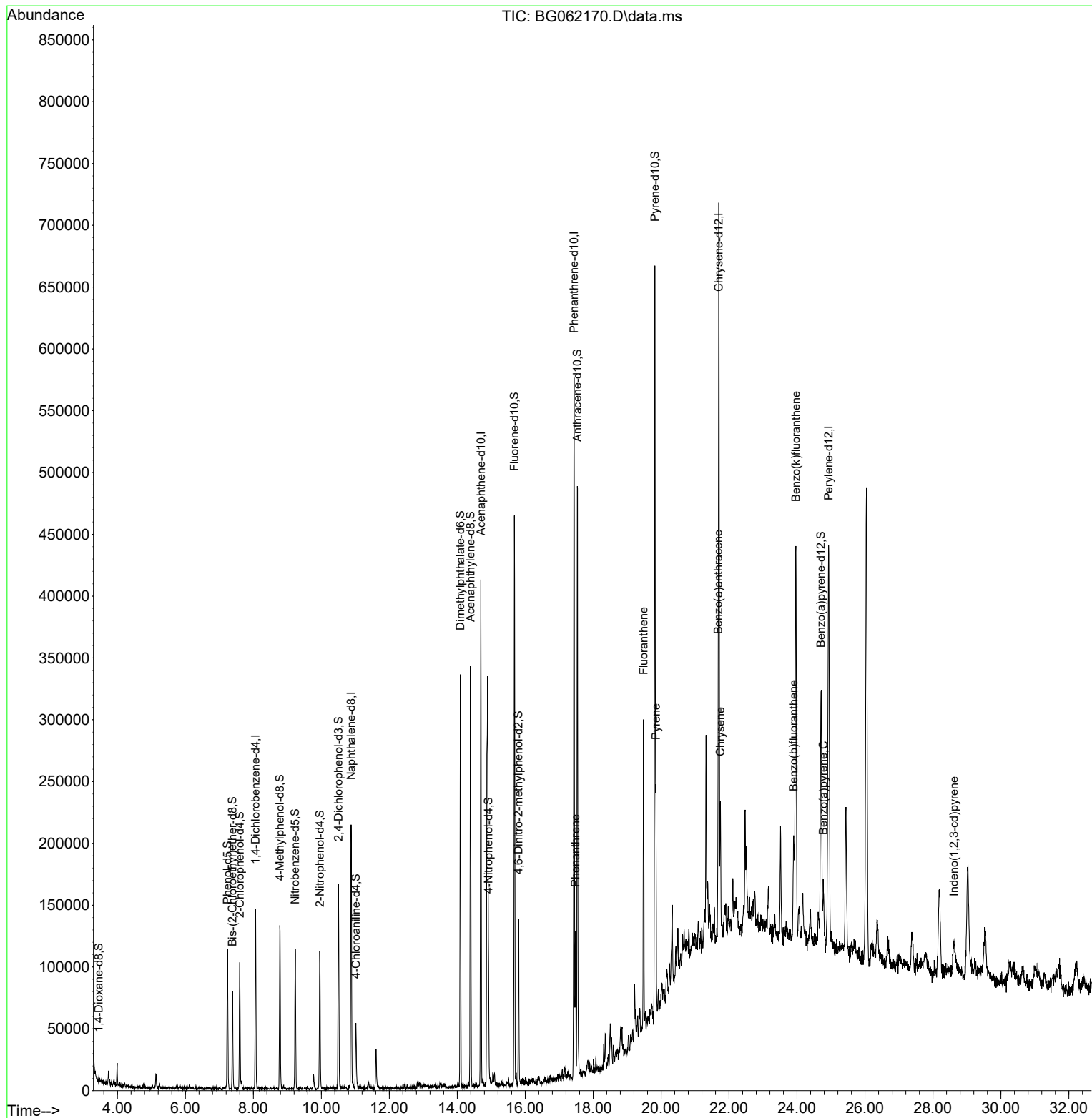
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062170.D
Acq On : 22 Jul 2024 20:59
Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

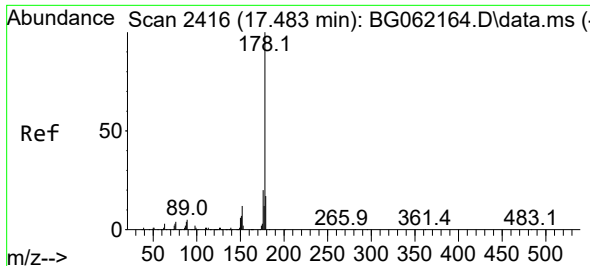
Instrument :
BNA_G
ClientSampleId :
A4CH4

Quant Time: Jul 22 23:34:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
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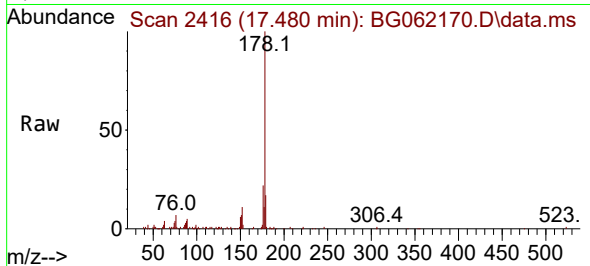
Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024





#72
Phenanthrene
Concen: 4.126 ng/ul
RT: 17.480 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59

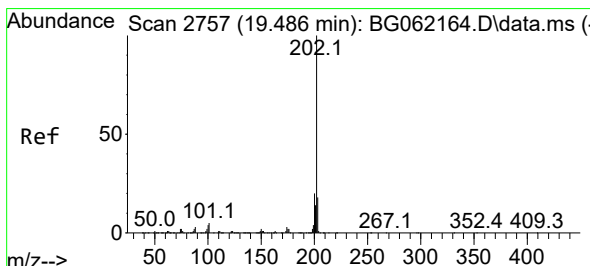
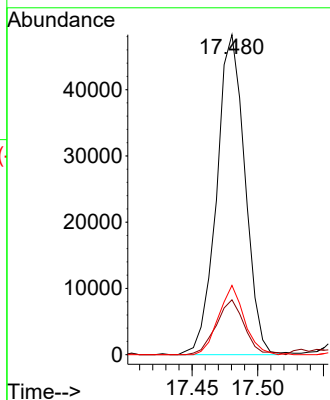
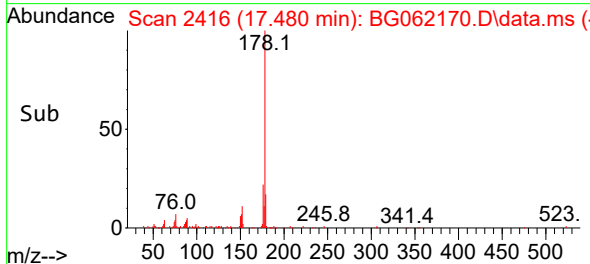
Instrument :
BNA_G
ClientSampleId :
A4CH4



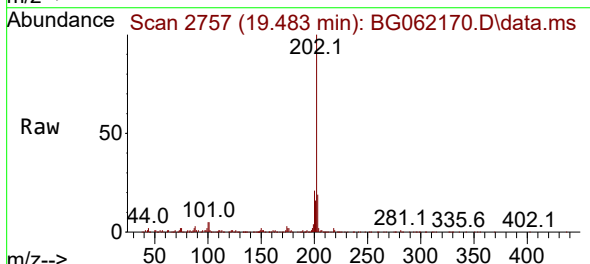
Tgt Ion:178 Resp: 72340
Ion Ratio Lower Upper
178 100
179 17.2 14.1 21.1
176 21.6 16.3 24.5

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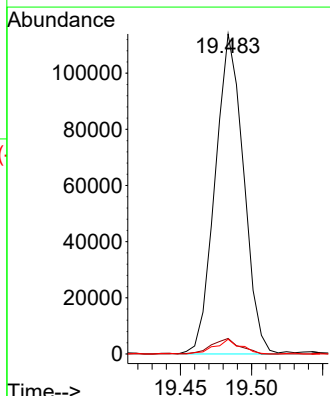
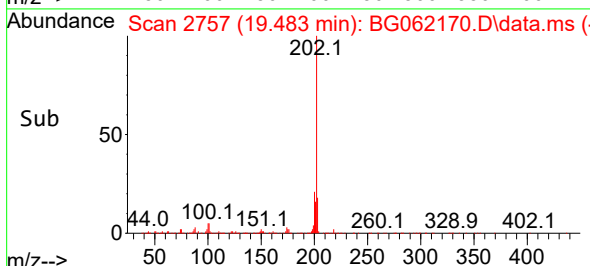
Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

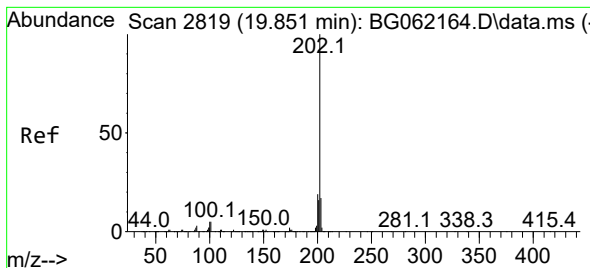


#80
Fluoranthene
Concen: 7.082 ng/ul
RT: 19.483 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59



Tgt Ion:202 Resp: 158489
Ion Ratio Lower Upper
202 100
101 4.9 4.2 6.2
100 4.6 3.1 4.7





#82

Pyrene

Concen: 5.025 ng/ul

RT: 19.848 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BG062170.D

Acq: 22 Jul 2024 20:59

Instrument :

BNA_G

ClientSampleId :

A4CH4

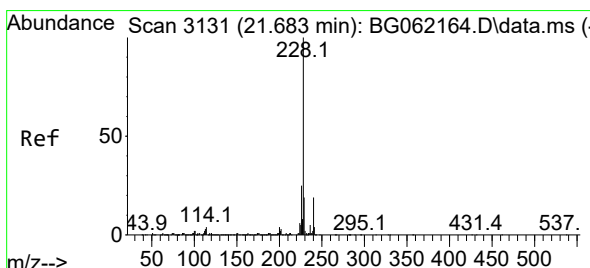
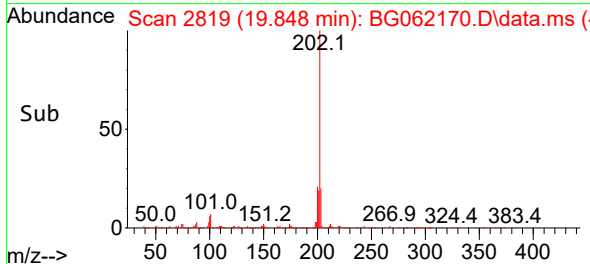
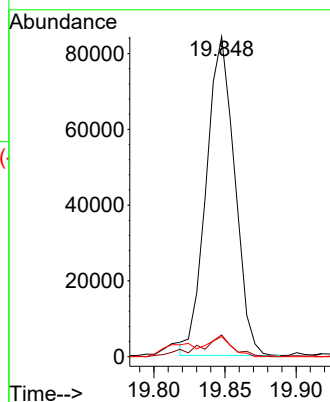
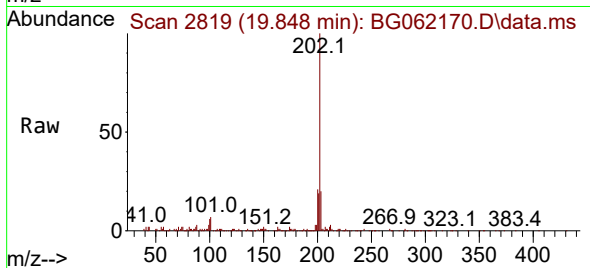
Tgt Ion:202 Resp: 11691

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.2	6.4
100	6.2	4.0	6.0

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#85

Benzo(a)anthracene

Concen: 3.254 ng/ul

RT: 21.680 min Scan# 3131

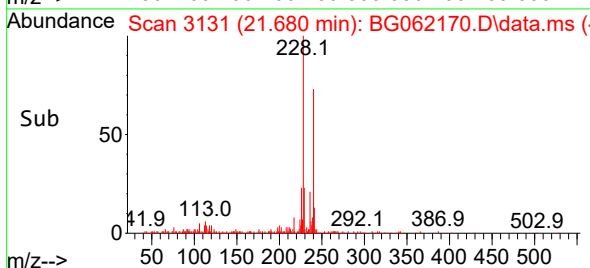
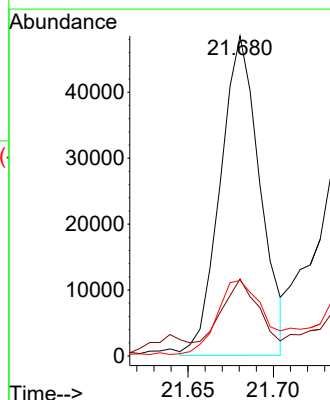
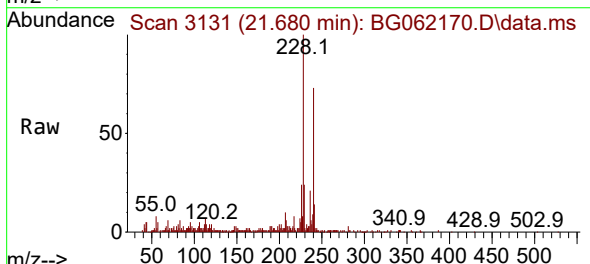
Delta R.T. -0.000 min

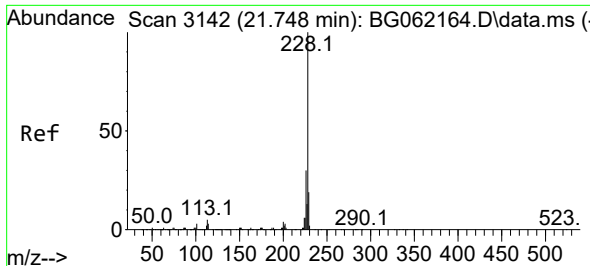
Lab File: BG062170.D

Acq: 22 Jul 2024 20:59

Tgt Ion:228 Resp: 78574

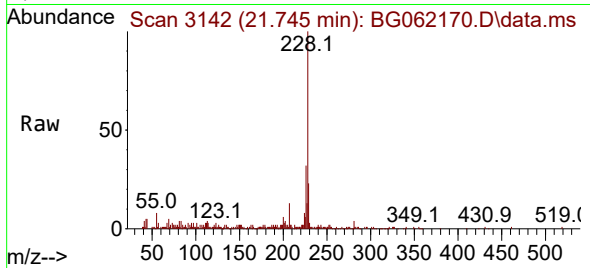
Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.4	23.2
226	23.6	20.9	31.3





#87
Chrysene
Concen: 3.933 ng/ul
RT: 21.745 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59

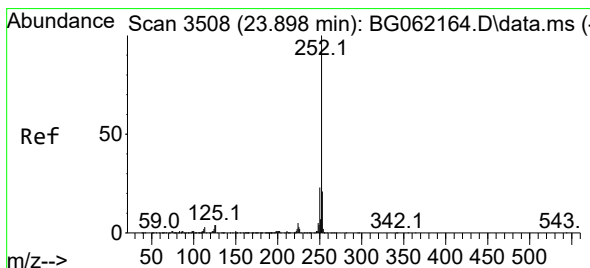
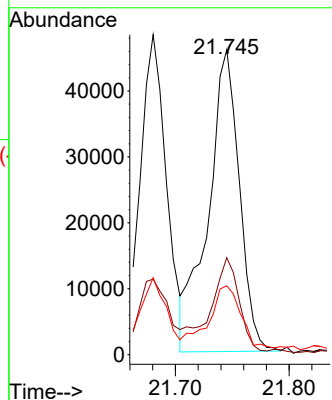
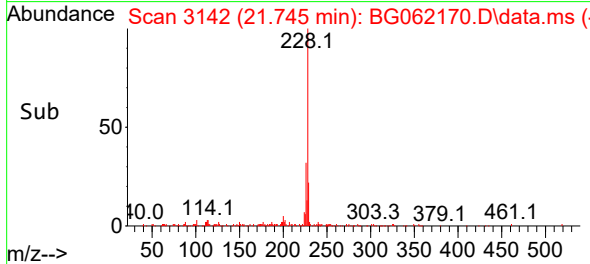
Instrument :
BNA_G
ClientSampleId :
A4CH4



Tgt Ion:228 Resp: 87324
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 22.6 15.4 23.0

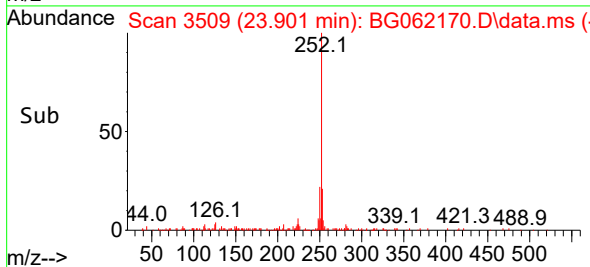
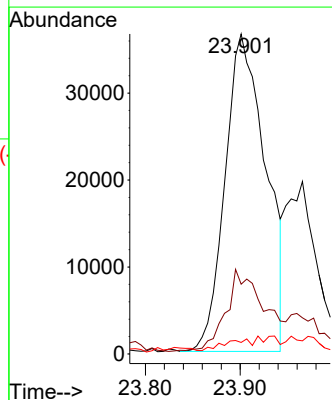
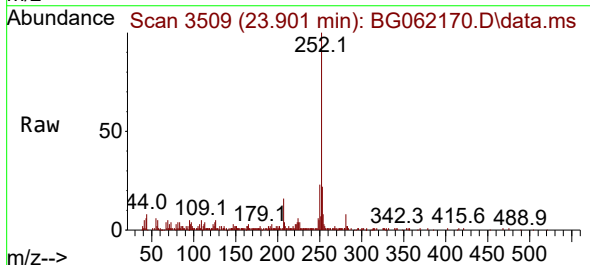
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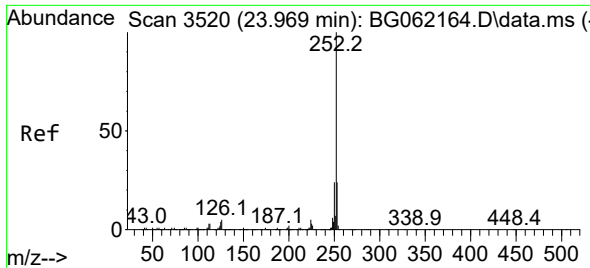
Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#90
Benzo(b)fluoranthene
Concen: 4.862 ng/ul
RT: 23.901 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59

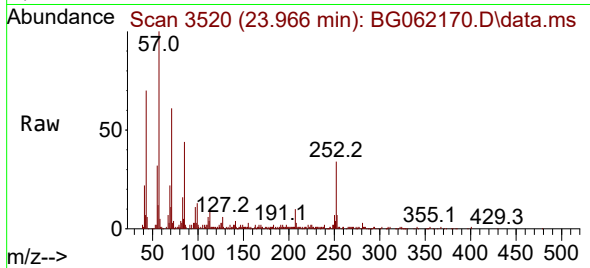
Tgt Ion:252 Resp: 108813
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 3.6 3.4 5.0





#91
Benzo(k)fluoranthene
Concen: 1.906 ng/ul m
RT: 23.966 min Scan# 3520
Delta R.T. -0.006 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59

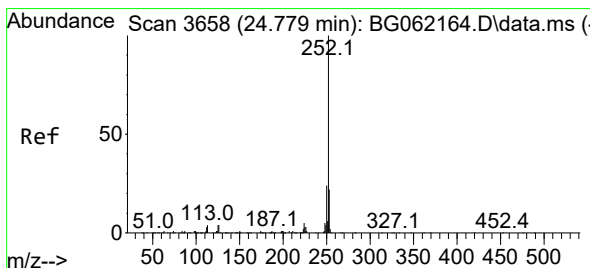
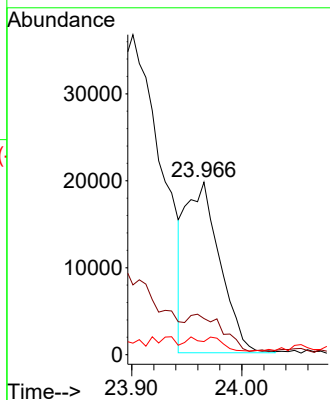
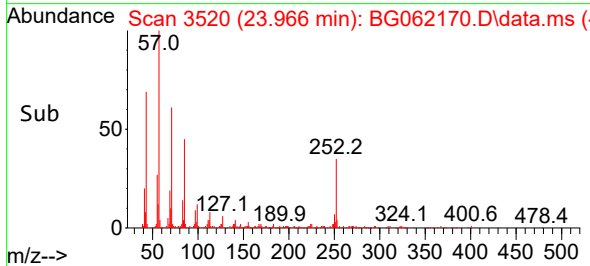
Instrument :
BNA_G
ClientSampleId :
A4CH4



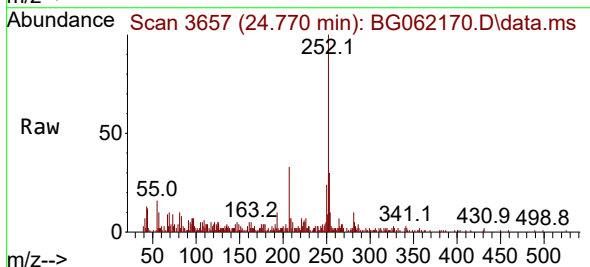
Tgt Ion:252 Resp: 42578
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 7.6 2.7 4.1

Manual Integrations
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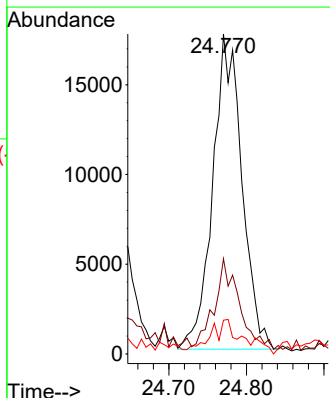
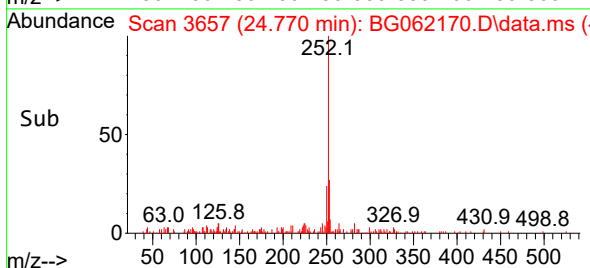
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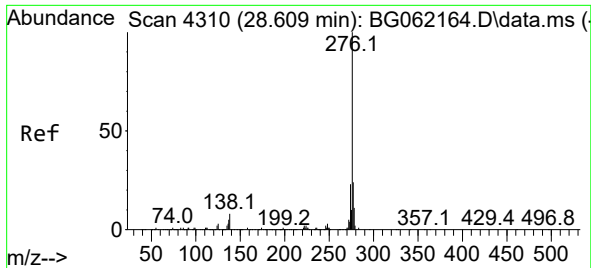


#93
Benzo(a)pyrene
Concen: 2.187 ng/ul
RT: 24.770 min Scan# 3657
Delta R.T. -0.012 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59



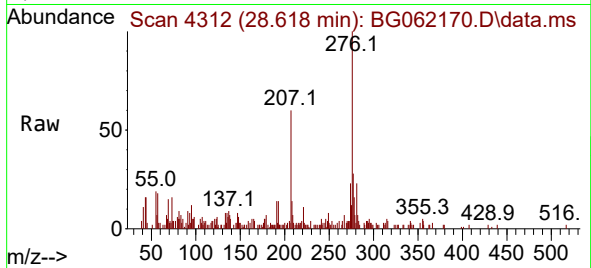
Tgt Ion:252 Resp: 45845
Ion Ratio Lower Upper
252 100
253 29.8 16.6 24.8#
125 10.5 3.0 4.4#





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.093 ng/ul m
RT: 28.618 min Scan# 4312
Delta R.T. -0.006 min
Lab File: BG062170.D
Acq: 22 Jul 2024 20:59

Instrument :
BNA_G
ClientSampleId :
A4CH4



Tgt Ion: 276 Resp: 50412
Ion Ratio Lower Upper
276 100
138 6.9 6.1 9.1
277 27.8 17.4 26.2

Manual Integrations
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