

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062075.D
 Acq On : 15 Jul 2024 19:23
 Operator : MA/JU
 Sample : P3100-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BW9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 15 23:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	40707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.856	136	190350	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	131687	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.419	188	282690	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.685	240	258918	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	307958	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	4291m	3.961	ng/uL	0.00
4) Pyridine-d5	3.882	84	5727	1.719	ng/u1	0.02
7) Phenol-d5	7.213	99	114286	25.654	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.366	67	63442	22.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.578	132	86395	28.273	ng/u1	0.00
15) 4-Methylphenol-d8	8.759	113	89663	25.563	ng/u1	0.01
21) Nitrobenzene-d5	9.211	128	43675	30.169	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	52523	31.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	102482	32.138	ng/u1	0.02
31) 4-Chloroaniline-d4	10.991	131	19148	4.136	ng/u1	0.00
46) Dimethylphthalate-d6	14.076	166	335830	31.019	ng/u1	0.00
49) Acenaphthylene-d8	14.370	160	382234	33.764	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	40803	23.600	ng/u1	0.02
60) Fluorene-d10	15.668	176	294445	32.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	39295	26.468	ng/u1	0.00
73) Anthracene-d10	17.519	188	439082	33.268	ng/u1	0.00
81) Pyrene-d10	19.805	212	419838	27.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.687	264	326144	21.354	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.460	178	92929	6.234	ng/u1	96
74) Anthracene	17.554	178	17710m	1.150	ng/u1	
80) Fluoranthene	19.470	202	215898	11.979	ng/u1#	92
82) Pyrene	19.834	202	158228	8.499	ng/u1#	95
85) Benzo(a)anthracene	21.661	228	105072	5.605	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	21.555	149	49663	4.430	ng/u1#	98
87) Chrysene	21.732	228	118053	6.727	ng/u1	98
90) Benzo(b)fluoranthene	23.882	252	166769	8.595	ng/u1	100
91) Benzo(k)fluoranthene	23.941	252	72578m	3.751	ng/u1	
93) Benzo(a)pyrene	24.746	252	58392	3.178	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.571	276	56117m	2.390	ng/u1	

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

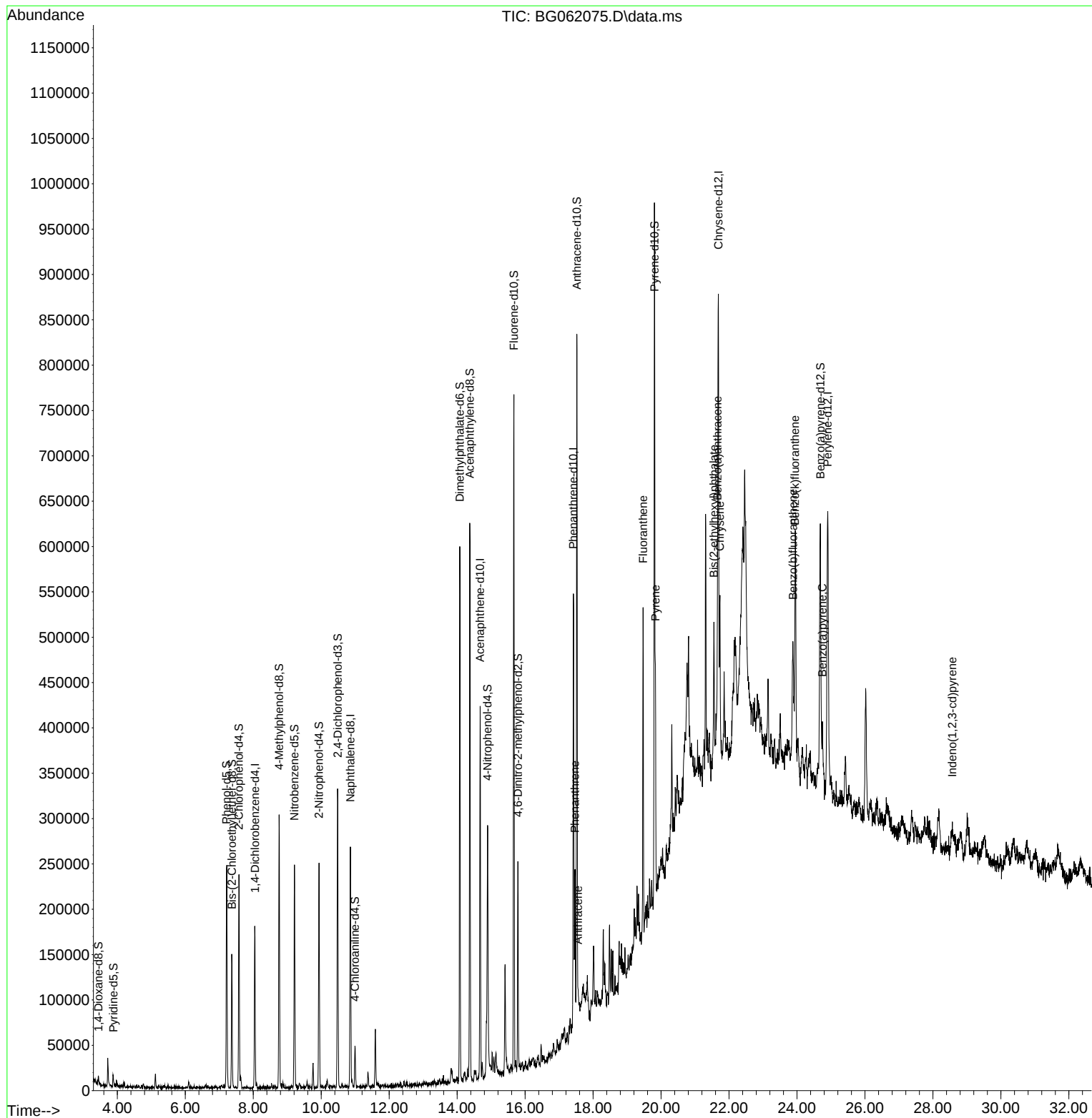
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062075.D
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 ALS Vial : 9 Sample Multiplier: 1

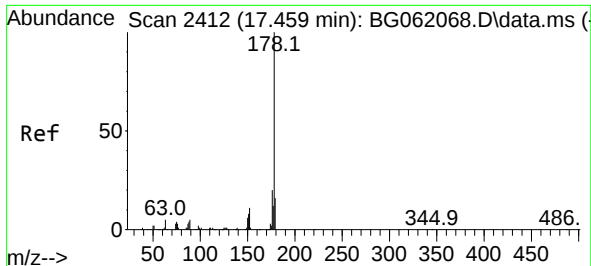
Instrument :
 BNA_G
 ClientSampleId :
 A4BW9

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 Supervised By :mohammad ahmed 07/20/2024

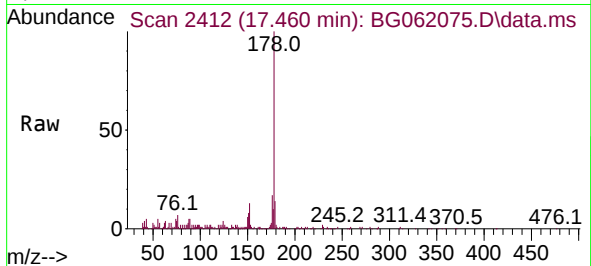
Quant Time: Jul 15 23:44:02 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
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#72
Phenanthrene
Concen: 6.234 ng/ul
RT: 17.460 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

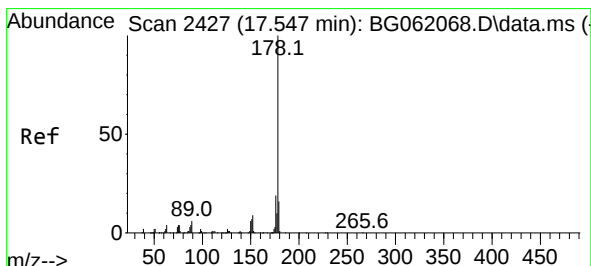
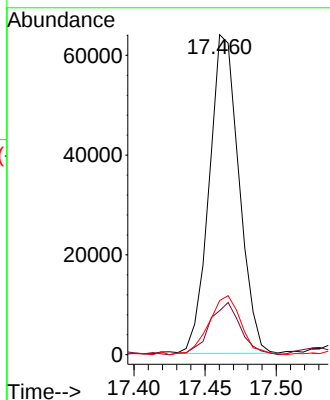
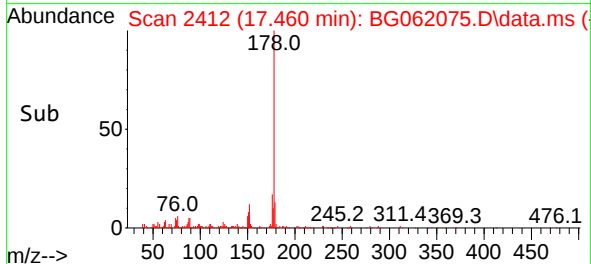
Instrument :
BNA_G
ClientSampleId :
A4BW9



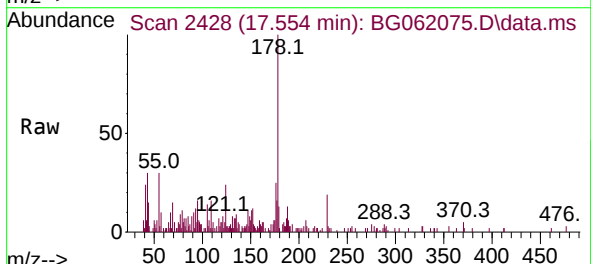
Tgt Ion:178 Resp: 92929
Ion Ratio Lower Upper
178 100
179 13.8 11.9 17.9
176 16.9 15.5 23.3

Manual Integrations
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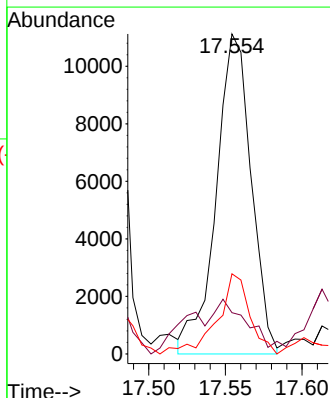
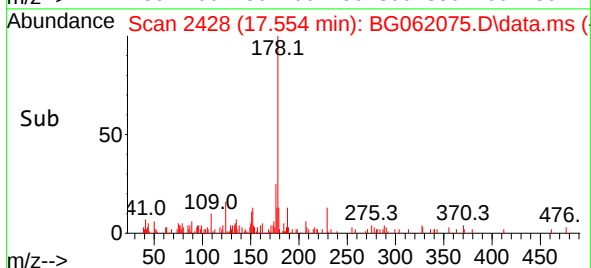
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

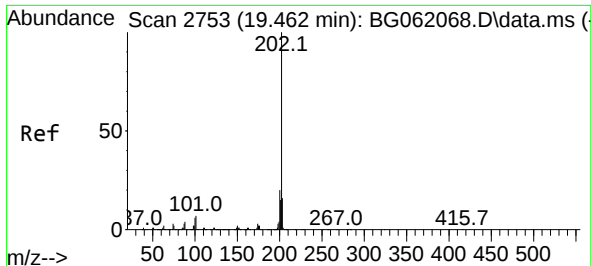


#74
Anthracene
Concen: 1.150 ng/ul m
RT: 17.554 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23



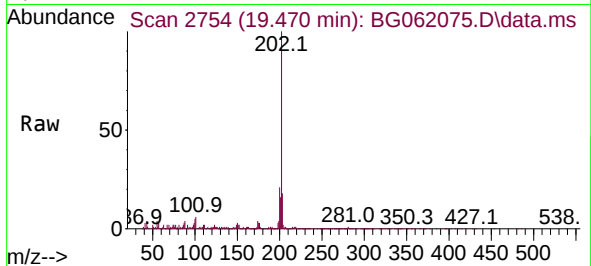
Tgt Ion:178 Resp: 17710
Ion Ratio Lower Upper
178 100
179 12.9 11.9 17.9
176 25.1 14.7 22.1#





#80
Fluoranthene
Concen: 11.979 ng/u1
RT: 19.470 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

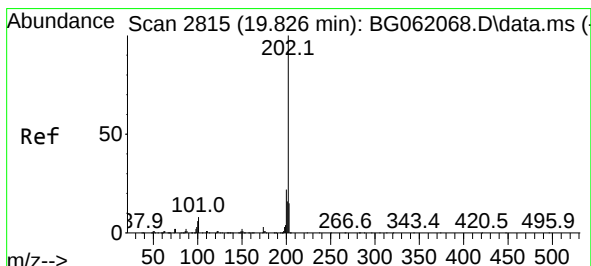
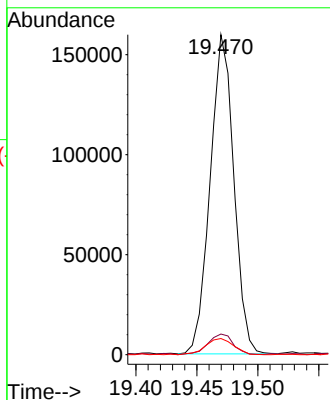
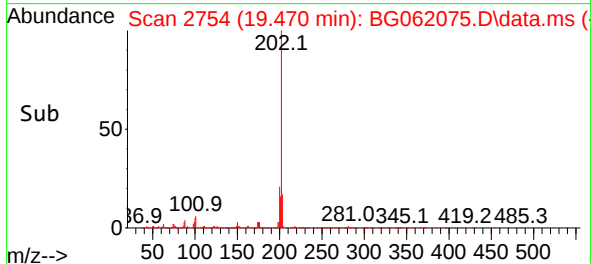
Instrument :
BNA_G
ClientSampleId :
A4BW9



Tgt Ion:202 Resp: 215898
Ion Ratio Lower Upper
202 100
101 6.4 7.4 11.2
100 5.1 6.6 10.0

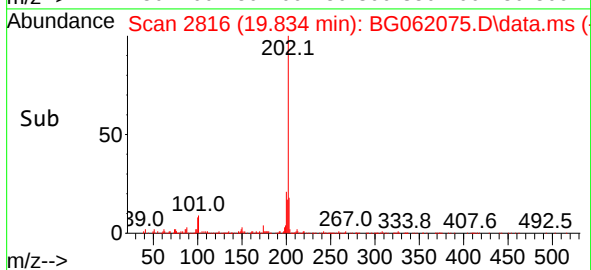
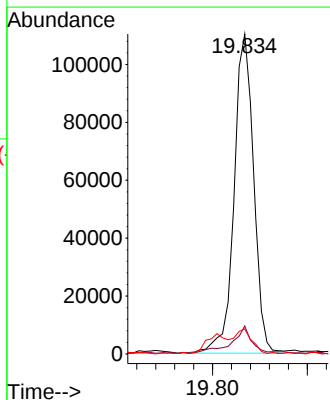
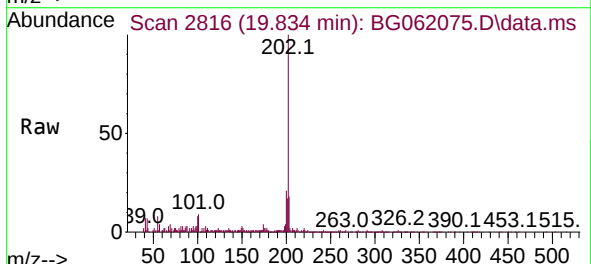
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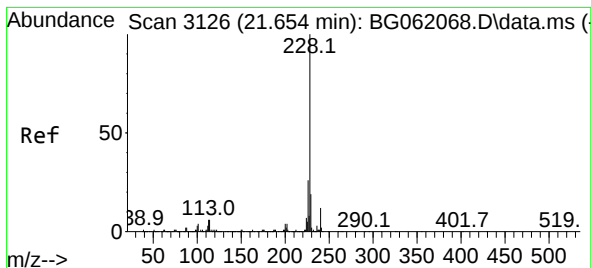
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#82
Pyrene
Concen: 8.499 ng/u1
RT: 19.834 min Scan# 2816
Delta R.T. 0.007 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

Tgt Ion:202 Resp: 158228
Ion Ratio Lower Upper
202 100
101 8.8 8.8 13.2
100 7.9 7.6 11.4





#85

Benzo(a)anthracene

Concen: 5.605 ng/ul

RT: 21.661 min Scan# 3126

Delta R.T. 0.007 min

Lab File: BG062075.D

Acq: 15 Jul 2024 19:23

Instrument :

BNL_G

ClientSampleId :

A4BW9

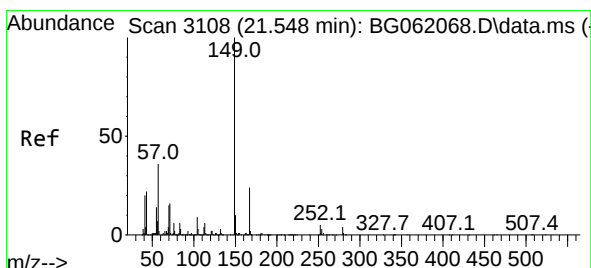
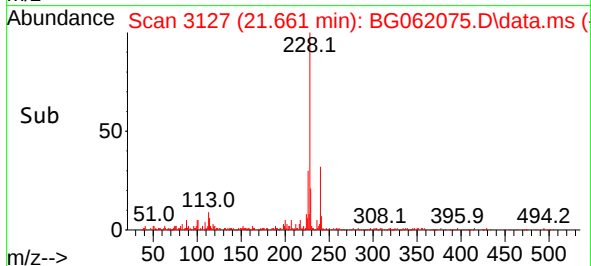
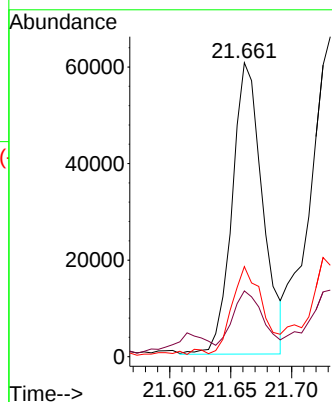
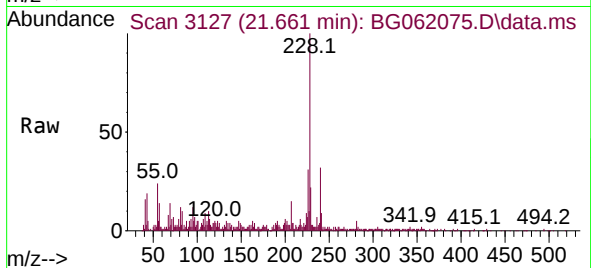
Tgt Ion:	228	Resp:	105072
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.7	23.5
226	30.7	21.7	32.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.430 ng/ul

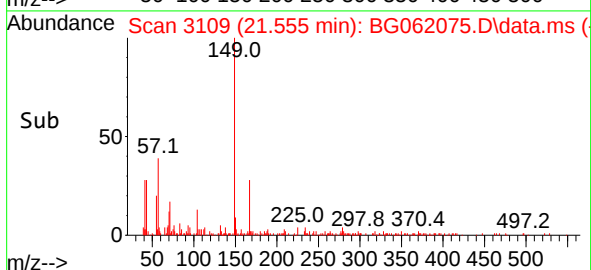
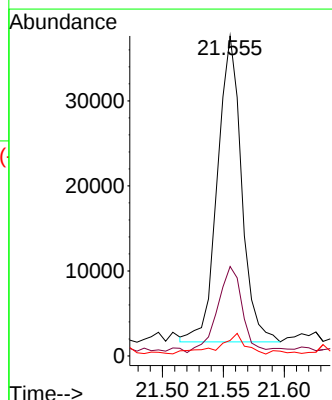
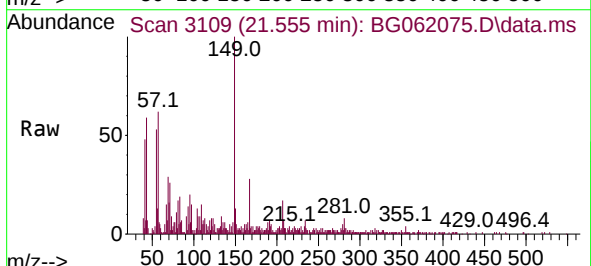
RT: 21.555 min Scan# 3109

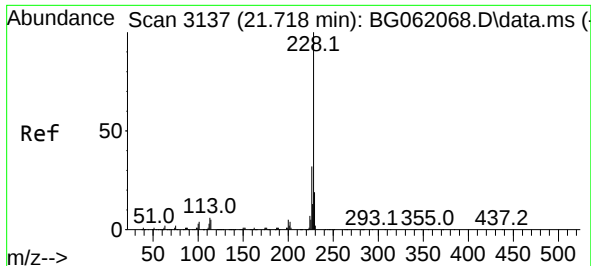
Delta R.T. 0.001 min

Lab File: BG062075.D

Acq: 15 Jul 2024 19:23

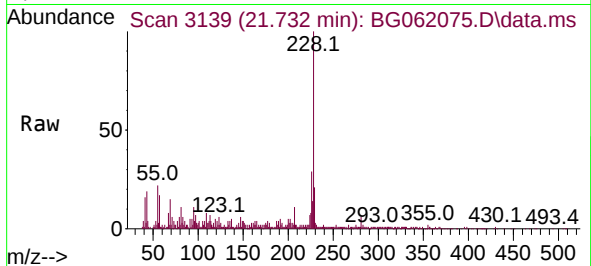
Tgt Ion:	149	Resp:	49663
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.7	32.5
279	4.8	2.8	4.2#





#87
Chrysene
Concen: 6.727 ng/u1
RT: 21.732 min Scan# 3139
Delta R.T. 0.007 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

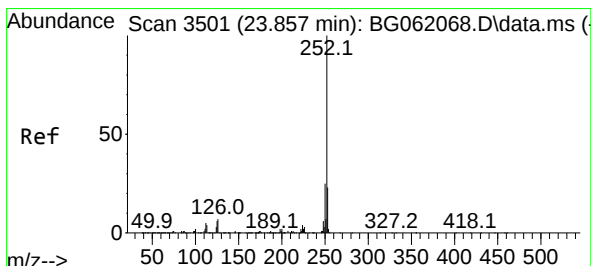
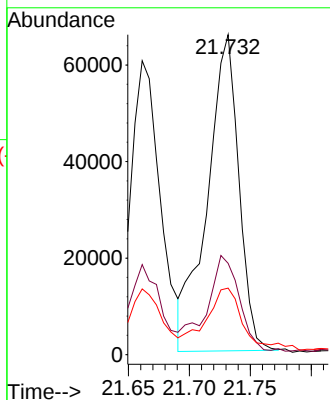
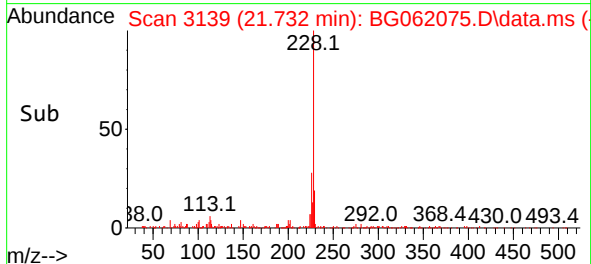
Instrument :
BNA_G
ClientSampleId :
A4BW9



Tgt Ion:228 Resp: 11805
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 20.8 15.5 23.3

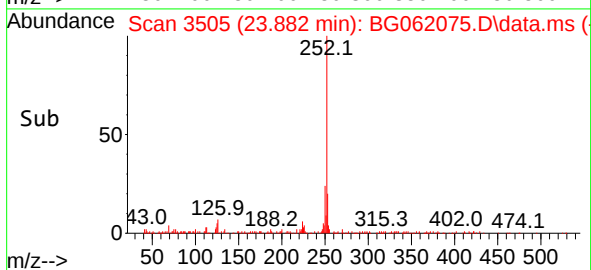
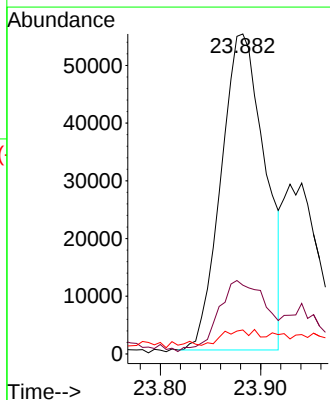
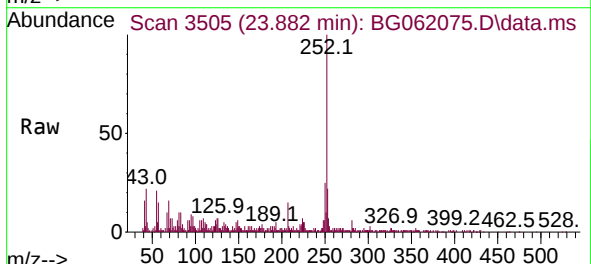
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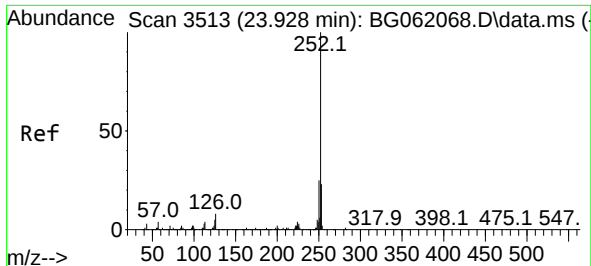
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#90
Benzo(b)fluoranthene
Concen: 8.595 ng/u1
RT: 23.882 min Scan# 3505
Delta R.T. 0.025 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

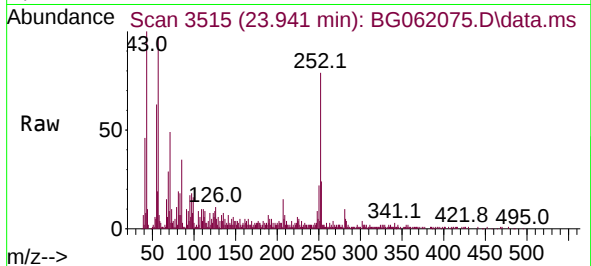
Tgt Ion:252 Resp: 166769
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 7.5 6.1 9.1





#91
Benzo(k)fluoranthene
Concen: 3.751 ng/ul m
RT: 23.941 min Scan# 3515
Delta R.T. 0.019 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

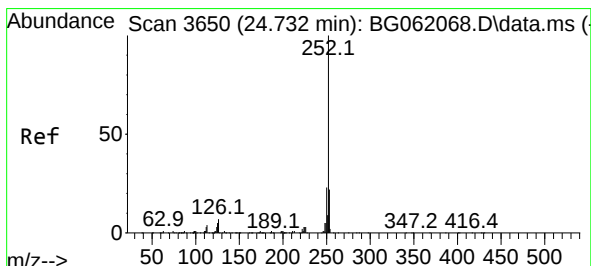
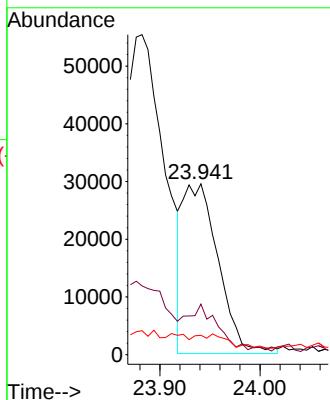
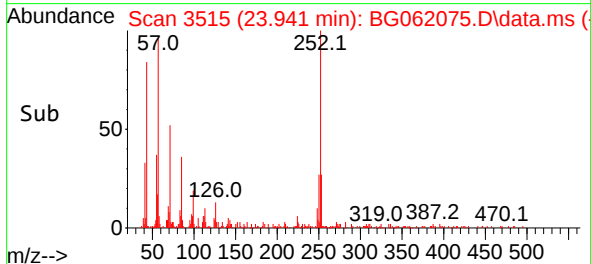
Instrument :
BNA_G
ClientSampleId :
A4BW9



Tgt Ion:252 Resp: 72578
Ion Ratio Lower Upper
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253 29.6 19.3 28.9
125 11.4 6.3 9.5

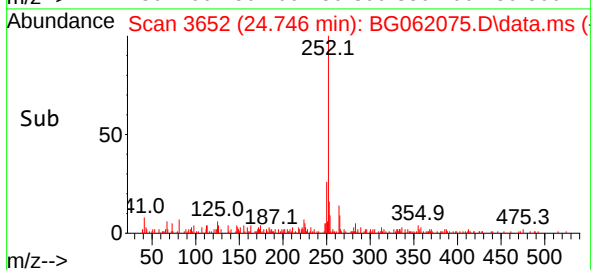
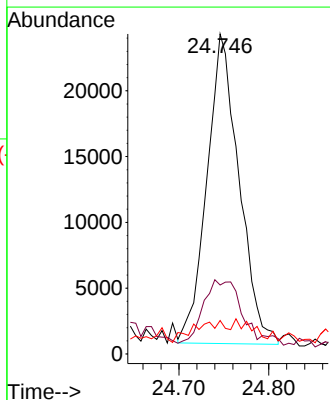
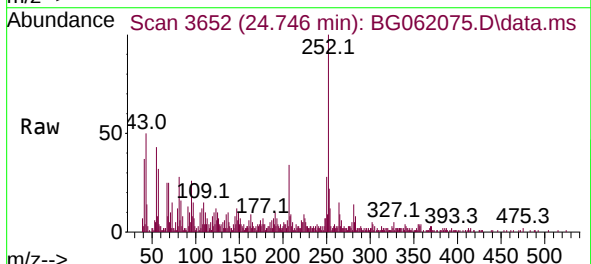
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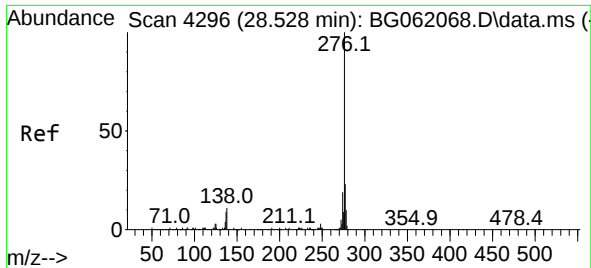
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#93
Benzo(a)pyrene
Concen: 3.178 ng/ul
RT: 24.746 min Scan# 3652
Delta R.T. 0.019 min
Lab File: BG062075.D
Acq: 15 Jul 2024 19:23

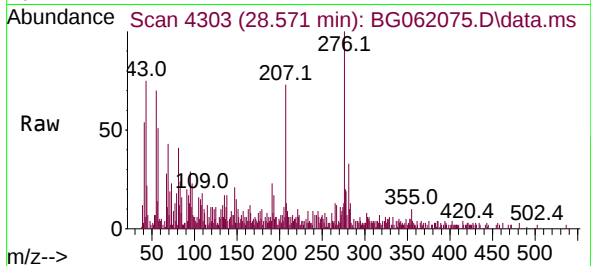
Tgt Ion:252 Resp: 58392
Ion Ratio Lower Upper
252 100
253 21.5 16.5 24.7
125 10.5 7.4 11.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.390 ng/ul m
 RT: 28.571 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: BG062075.D
 Acq: 15 Jul 2024 19:23

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	276	Resp:	5611
Ion Ratio	Lower	Upper	
276	100		
138	16.8	11.9	17.9
277	20.4	19.3	28.9

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