

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062076.D
 Acq On : 15 Jul 2024 20:04
 Operator : MA/JU
 Sample : P3100-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX1

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 23:48:35 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	8.041	152	44752	20.000	ng/u1	0.00
20) Naphthalene-d8	10.855	136	219449	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.674	164	149881	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.424	188	341224	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.684	240	300275	20.000	ng/u1	# 0.00
88) Perylene-d12	24.904	264	368679	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	4404	3.698	ng/uL	0.00
4) Pyridine-d5	3.869	84	3996m	1.091	ng/u1	0.01
7) Phenol-d5	7.213	99	110827	22.629	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.365	67	62919	20.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.577	132	83196	24.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	75169	19.494	ng/u1	0.02
21) Nitrobenzene-d5	9.210	128	41707	24.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	53293	27.961	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	100586	27.361	ng/u1	0.01
31) 4-Chloroaniline-d4	10.990	131	56833	10.648	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	337960	27.427	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	366127	28.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	41128	20.900	ng/u1	0.02
60) Fluorene-d10	15.667	176	295853	28.520	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	37806	21.096	ng/u1	0.01
73) Anthracene-d10	17.524	188	455187	28.572	ng/u1	0.00
81) Pyrene-d10	19.804	212	433014	24.517	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.680	264	343800	18.803	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.465	178	165156	9.179	ng/u1	98
74) Anthracene	17.553	178	25099	1.350	ng/u1	99
77) Carbazole	17.829	167	17752	1.134	ng/u1	98
80) Fluoranthene	19.469	202	429136	20.531	ng/u1#	91
82) Pyrene	19.833	202	289934	13.428	ng/u1#	91
85) Benzo(a)anthracene	21.666	228	196744	9.049	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	73740	5.671	ng/u1	93
87) Chrysene	21.731	228	233442	11.470	ng/u1	99
90) Benzo(b)fluoranthene	23.881	252	353609	15.223	ng/u1	97
91) Benzo(k)fluoranthene	23.946	252	113188m	4.887	ng/u1	
93) Benzo(a)pyrene	24.751	252	108361	4.927	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.570	276	99543m	3.541	ng/u1	
95) Dibenzo(a,h)anthracene	28.623	278	42176m	1.817	ng/u1	

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

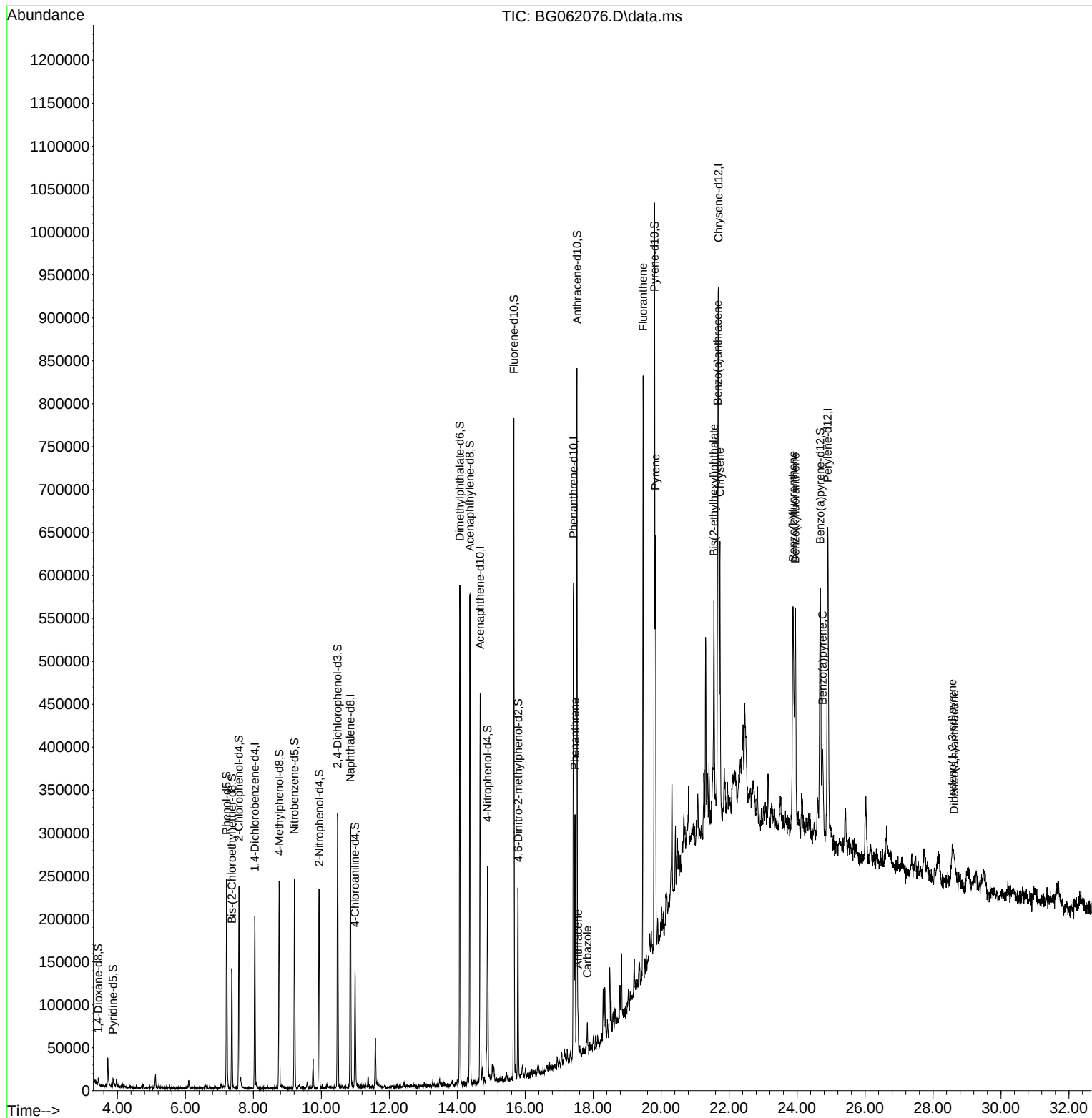
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062076.D
Acq On : 15 Jul 2024 20:04
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

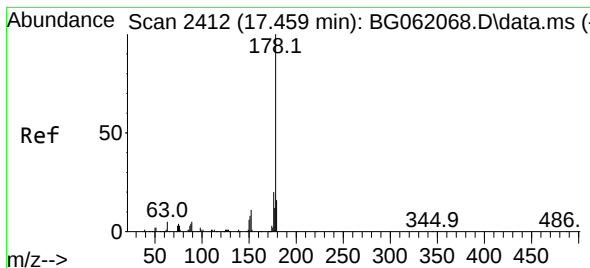
Instrument :
BNA_G
ClientSampleId :
A4BX1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 9.179 ng/ul

RT: 17.465 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BG062076.D

Acq: 15 Jul 2024 20:04

Instrument :

BNA_G

ClientSampleId :

A4BX1

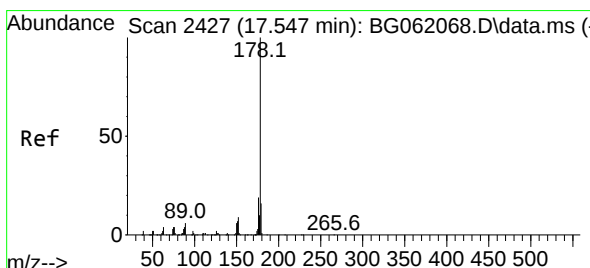
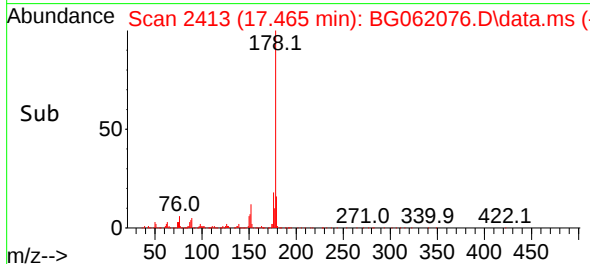
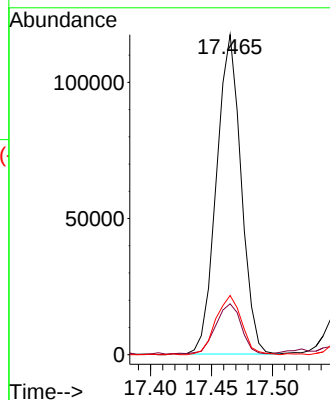
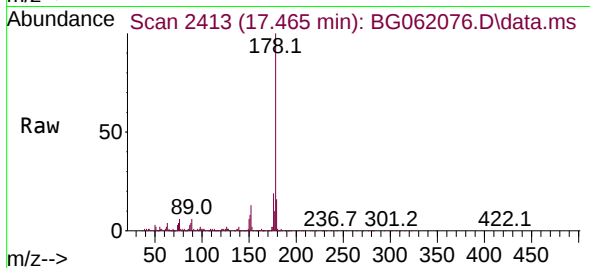
Tgt Ion:178 Resp: 165150
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.9 17.9
 176 18.5 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#74

Anthracene

Concen: 1.350 ng/ul

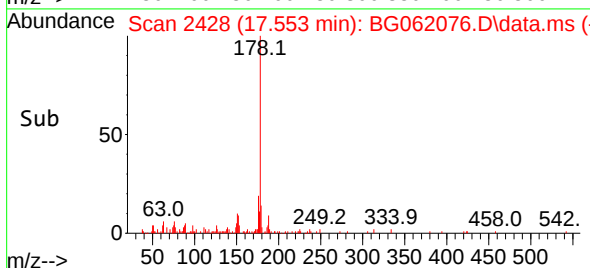
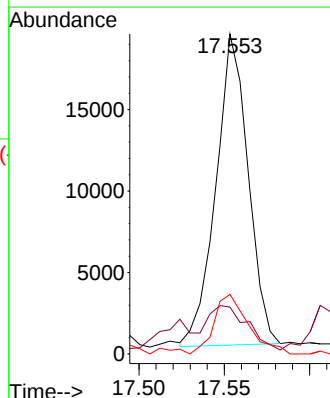
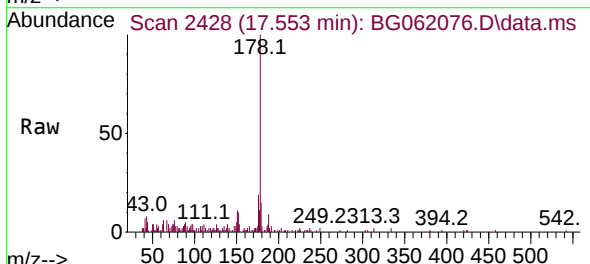
RT: 17.553 min Scan# 2428

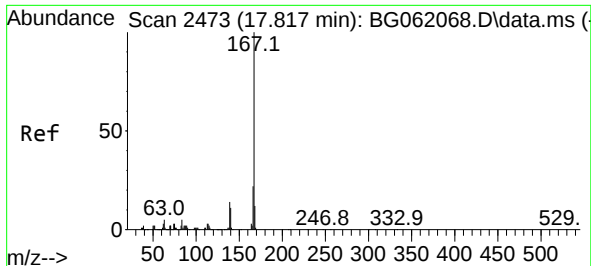
Delta R.T. 0.000 min

Lab File: BG062076.D

Acq: 15 Jul 2024 20:04

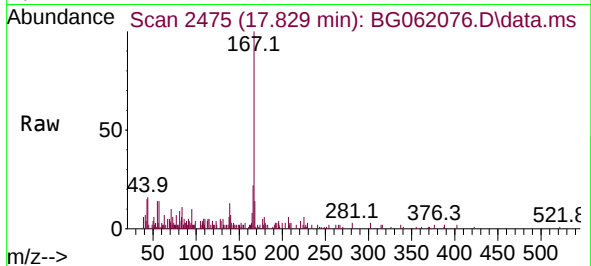
Tgt Ion:178 Resp: 25099
 Ion Ratio Lower Upper
 178 100
 179 14.6 11.9 17.9
 176 18.6 14.7 22.1





#77
Carbazole
Concen: 1.134 ng/ul
RT: 17.829 min Scan# 2475
Delta R.T. 0.012 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04

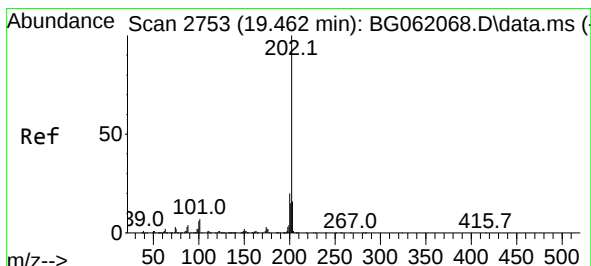
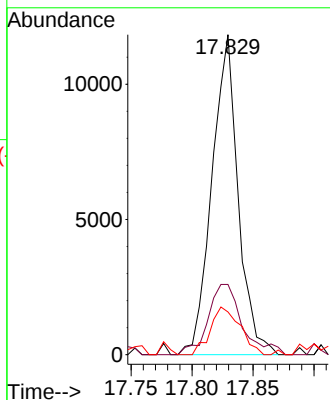
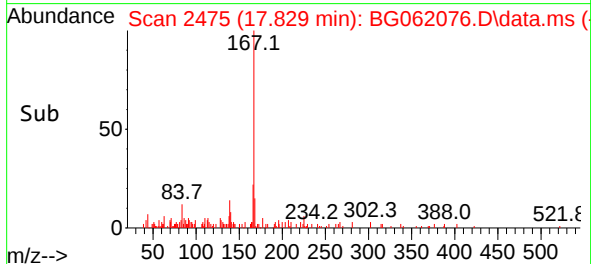
Instrument :
BNA_G
ClientSampleId :
A4BX1



Tgt Ion:167 Resp: 17752
Ion Ratio Lower Upper
167 100
166 22.0 18.2 27.2
139 13.4 9.6 14.4

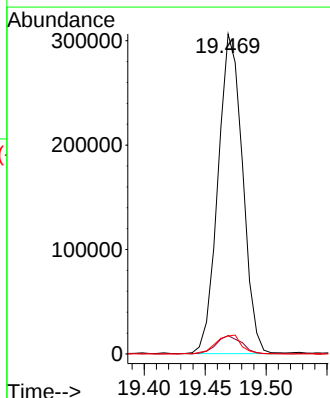
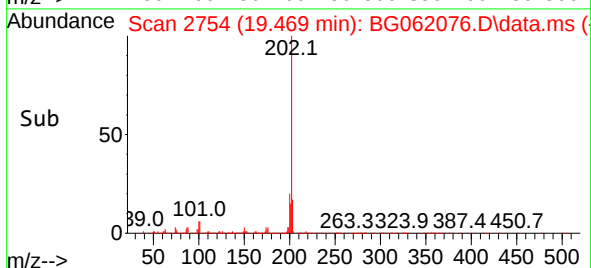
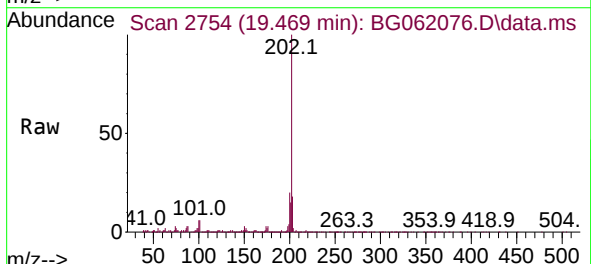
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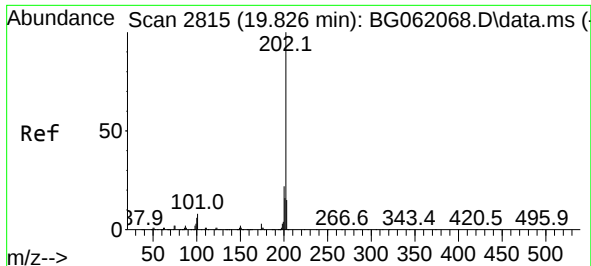
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#80
Fluoranthene
Concen: 20.531 ng/ul
RT: 19.469 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04

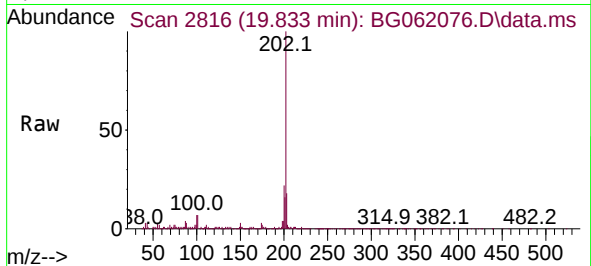
Tgt Ion:202 Resp: 429136
Ion Ratio Lower Upper
202 100
101 5.7 7.4 11.2#
100 5.6 6.6 10.0#





#82
 Pyrene
 Concen: 13.428 ng/ul
 RT: 19.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG062076.D
 Acq: 15 Jul 2024 20:04

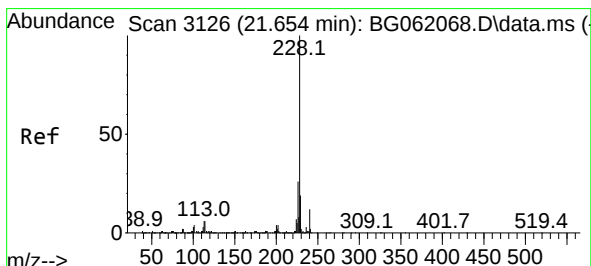
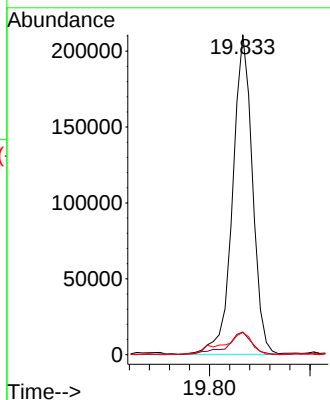
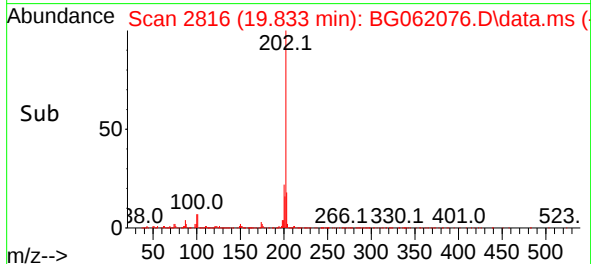
Instrument :
 BNA_G
 ClientSampleId :
 A4BX1



Tgt Ion:202 Resp: 289934
 Ion Ratio Lower Upper
 202 100
 101 7.1 8.8 13.2
 100 6.9 7.6 11.4

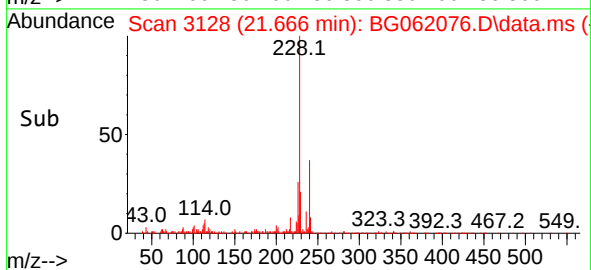
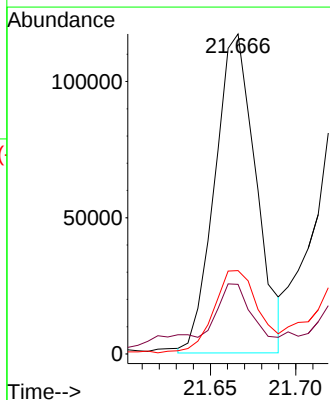
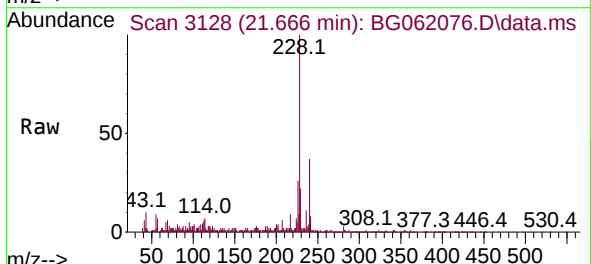
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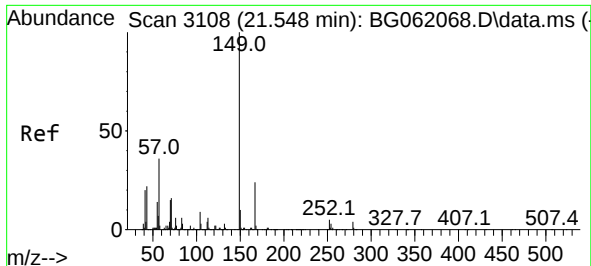
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024



#85
 Benzo(a)anthracene
 Concen: 9.049 ng/ul
 RT: 21.666 min Scan# 3128
 Delta R.T. 0.012 min
 Lab File: BG062076.D
 Acq: 15 Jul 2024 20:04

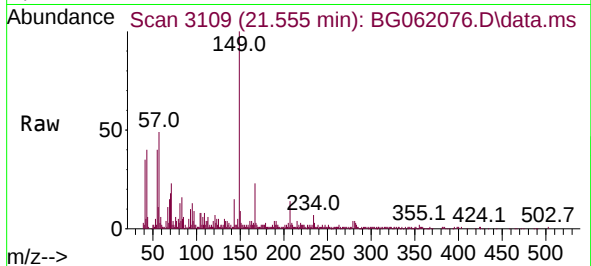
Tgt Ion:228 Resp: 196744
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.7 23.5
 226 26.1 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.671 ng/ul
RT: 21.555 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04

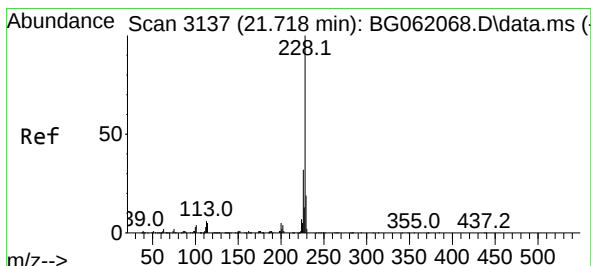
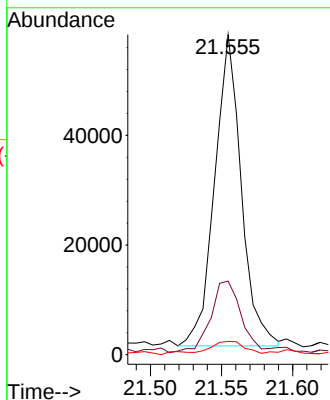
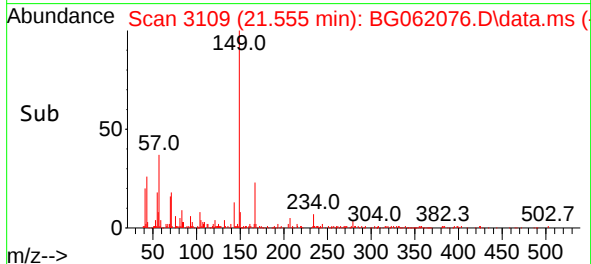
Instrument :
BNA_G
ClientSampleId :
A4BX1



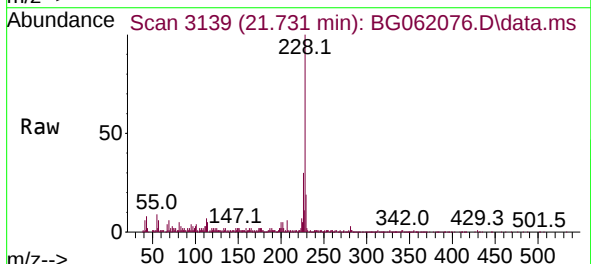
Tgt Ion:149 Resp: 73740
Ion Ratio Lower Upper
149 100
167 23.0 21.7 32.5
279 4.2 2.8 4.2

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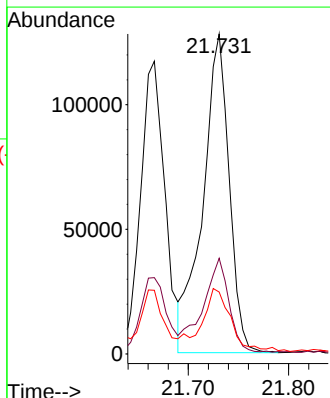
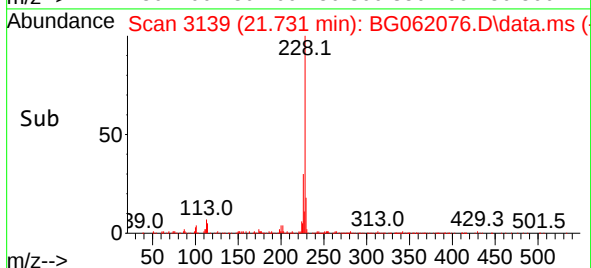
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

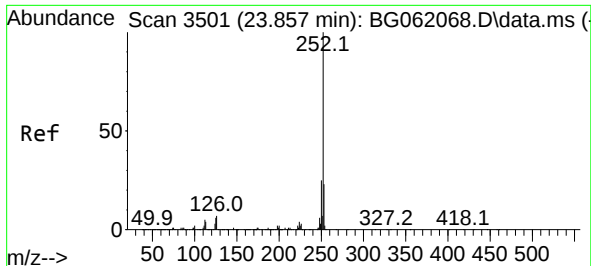


#87
Chrysene
Concen: 11.470 ng/ul
RT: 21.731 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04



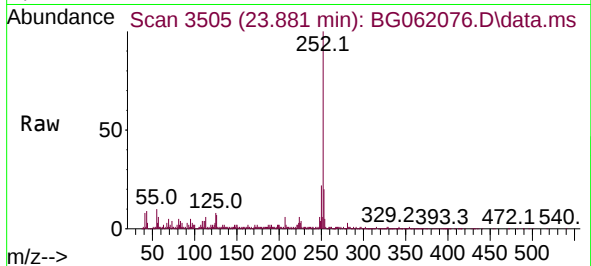
Tgt Ion:228 Resp: 233442
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 19.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 15.223 ng/ul
RT: 23.881 min Scan# 3505
Delta R.T. 0.024 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04

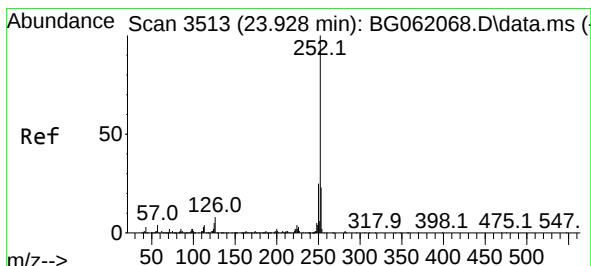
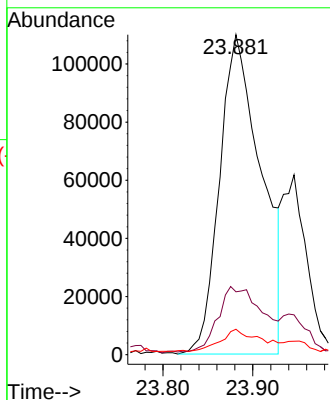
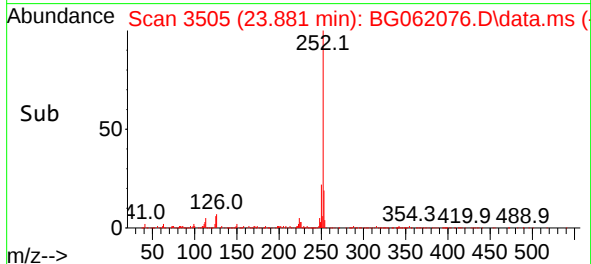
Instrument :
BNA_G
ClientSampleId :
A4BX1



Tgt Ion:252 Resp: 353609
Ion Ratio Lower Upper
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253 19.7 17.2 25.8
125 8.0 6.1 9.1

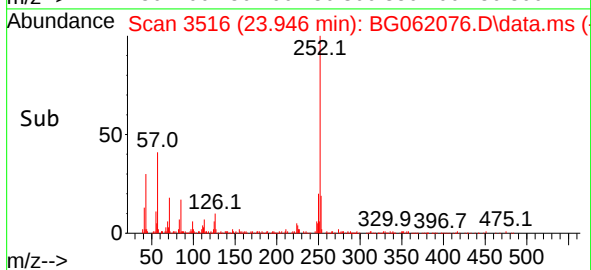
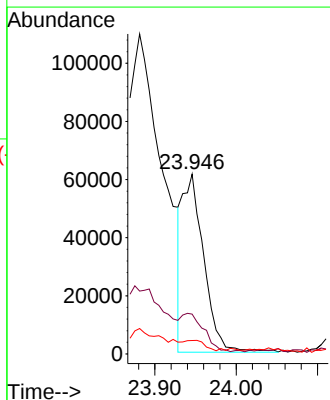
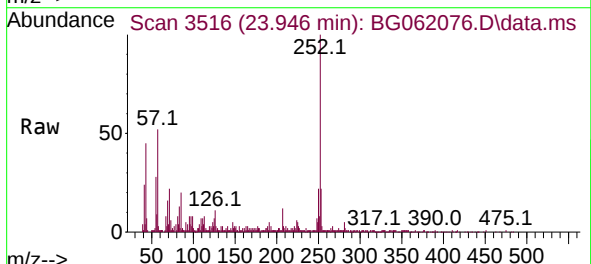
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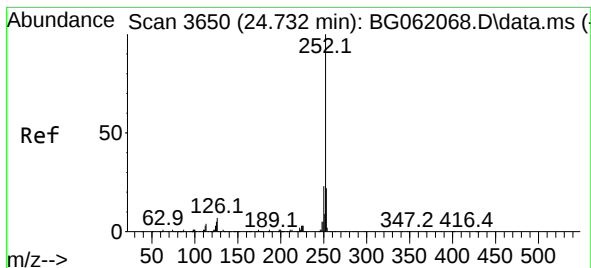
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



#91
Benzo(k)fluoranthene
Concen: 4.887 ng/ul m
RT: 23.946 min Scan# 3516
Delta R.T. 0.024 min
Lab File: BG062076.D
Acq: 15 Jul 2024 20:04

Tgt Ion:252 Resp: 113188
Ion Ratio Lower Upper
252 100
253 22.1 19.3 28.9
125 7.5 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.927 ng/ul

RT: 24.751 min Scan# 30

Delta R.T. 0.024 min

Lab File: BG062076.D

Acq: 15 Jul 2024 20:04

Instrument :

BNA_G

ClientSampleId :

A4BX1

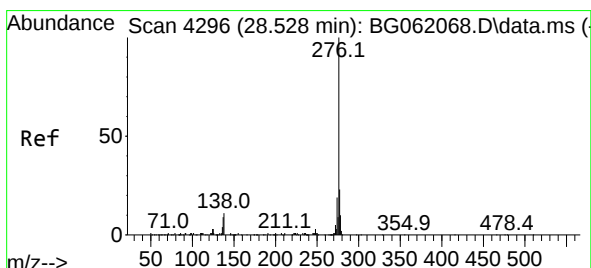
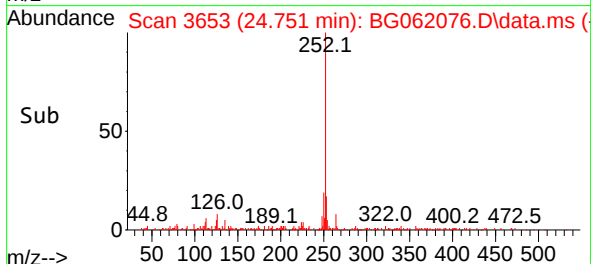
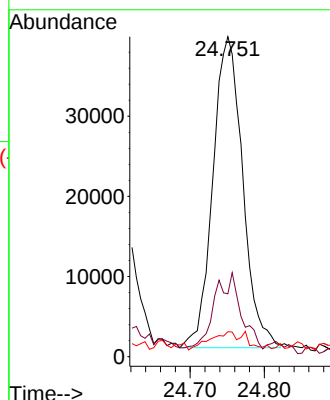
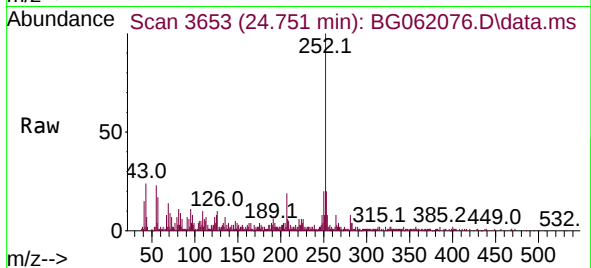
Tgt Ion:	252	Resp:	10836
Ion Ratio	Lower	Upper	
252	100		
253	19.6	16.5	24.7
125	7.8	7.4	11.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.541 ng/ul m

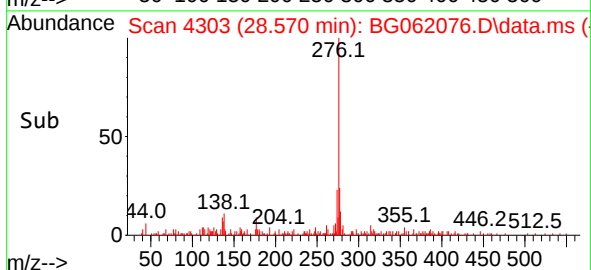
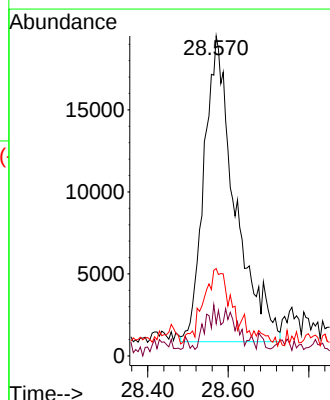
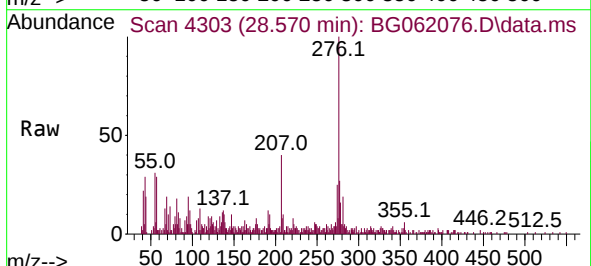
RT: 28.570 min Scan# 4303

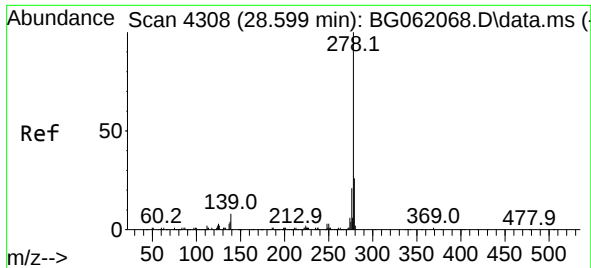
Delta R.T. 0.036 min

Lab File: BG062076.D

Acq: 15 Jul 2024 20:04

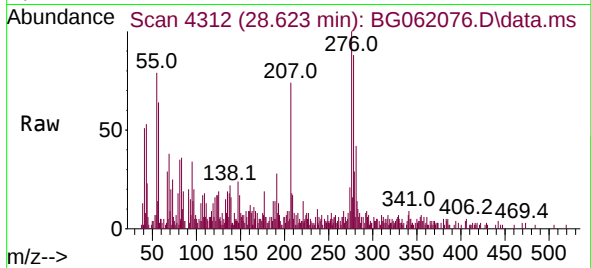
Tgt Ion:	276	Resp:	99543
Ion Ratio	Lower	Upper	
276	100		
138	10.1	11.9	17.9#
277	27.3	19.3	28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.817 ng/ul m
 RT: 28.623 min Scan# 4
 Delta R.T. 0.030 min
 Lab File: BG062076.D
 Acq: 15 Jul 2024 20:04

Instrument :
 BNA_G
 ClientSampleId :
 A4BX1



Tgt Ion:	278	Resp:	42170
Ion Ratio	Lower	Upper	
278	100		
139	17.6	7.6	11.4
279	32.5	18.8	28.2

Manual Integrations
 APPROVED

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

