

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062197.D
 Acq On : 23 Jul 2024 22:42
 Operator : MA/JU
 Sample : P3244-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 23:45:08 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	8.069	152	49782	20.000	ng/u1	0.00
20) Naphthalene-d8	10.889	136	215259	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.695	164	169359	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	403860	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	370964	20.000	ng/u1	0.00
88) Perylene-d12	24.952	264	411725	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3472	3.256	ng/uL	0.00
4) Pyridine-d5	3.886	84	25852	6.673	ng/u1	0.01
7) Phenol-d5	7.258	99	26775	5.463	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	36939	13.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	44006	14.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.815	113	42658	11.429	ng/u1	0.03
21) Nitrobenzene-d5	9.244	128	23380	13.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	27629	13.385	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	60791	14.068	ng/u1	0.02
31) 4-Chloroaniline-d4	11.024	131	16505	3.175	ng/u1	0.00
46) Dimethylphthalate-d6	14.102	166	186405	12.985	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	204340	14.038	ng/u1	0.00
54) 4-Nitrophenol-d4	14.977	143	18406m	10.640	ng/u1	0.06
60) Fluorene-d10	15.688	176	169101	13.835	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	22078	8.602	ng/u1	0.00
73) Anthracene-d10	17.544	188	268295	14.221	ng/u1	0.00
81) Pyrene-d10	19.824	212	324809	15.443	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.723	264	304193	14.780	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	9944	7.114	ng/uL#	87
13) 2-Methylphenol	8.545	108	447735	123.578	ng/u1	99
18) 4-Methylphenol	8.874	108	51452	12.879	ng/u1	97
26) 2,4-Dimethylphenol	10.119	107	502378m	95.901	ng/u1	
30) Naphthalene	10.936	128	512266	44.114	ng/u1	98
35) 4-Chloro-3-methylphenol	12.181	107	87510	17.778	ng/u1	90
36) 2-Methylnaphthalene	12.539	142	1058430	120.737	ng/u1	92
37) 1-Methylnaphthalene	12.757	142	961697	106.393	ng/u1	98
43) 1,1'-Biphenyl	13.532	154	18579	1.550	ng/u1	96
52) Acenaphthene	14.760	153	15841	1.504	ng/u1	96
61) Fluorene	15.747	166	13789	1.014	ng/u1#	80
71) Pentachlorophenol	17.104	266	8020m	4.358	ng/u1	
72) Phenanthrene	17.486	178	49409	2.542	ng/u1	99
77) Carbazole	17.856	167	37724	2.218	ng/u1#	90
80) Fluoranthene	19.489	202	56138	2.327	ng/u1#	97
82) Pyrene	19.853	202	53249	2.122	ng/u1#	95

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

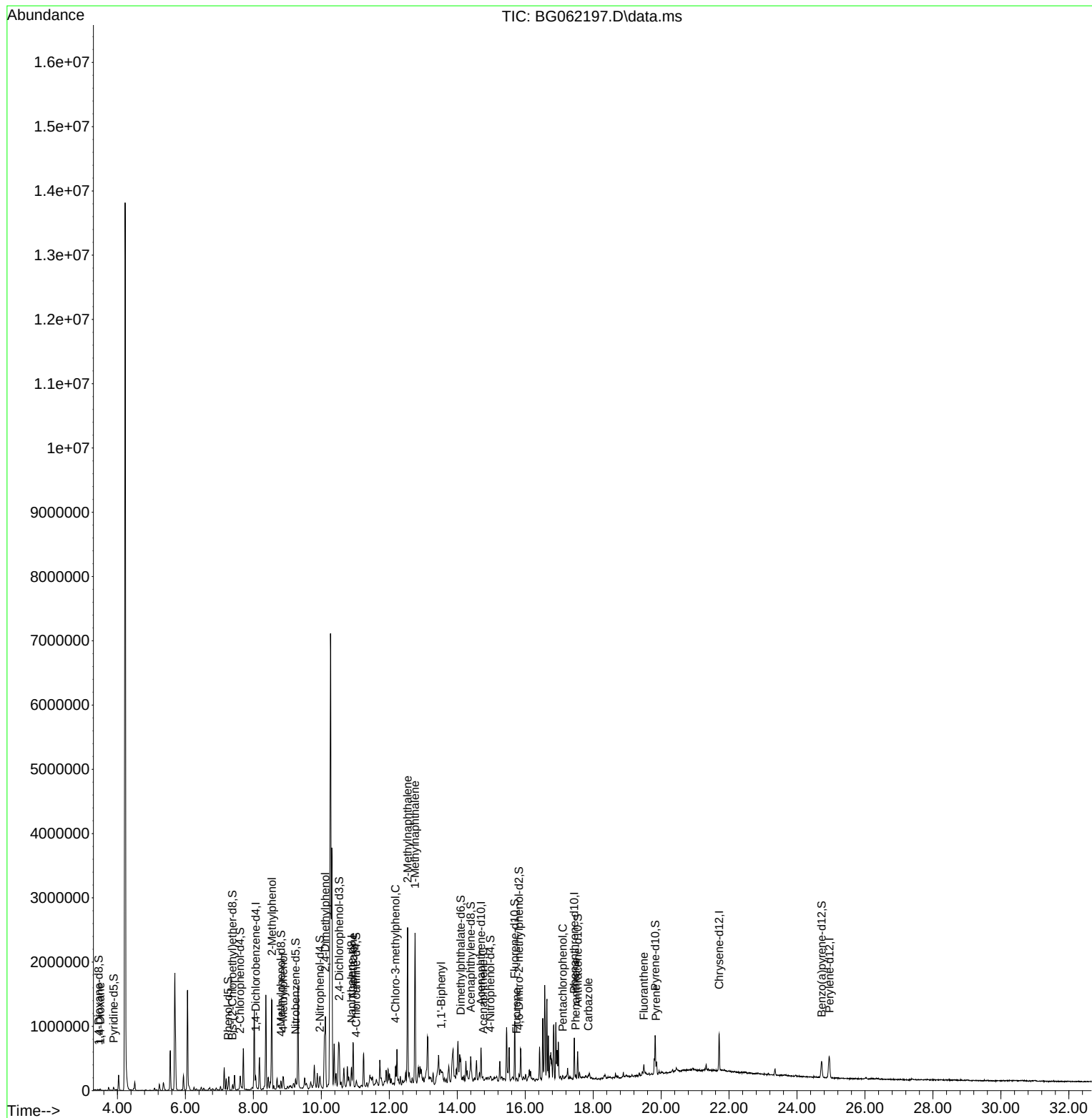
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062197.D
Acq On : 23 Jul 2024 22:42
Operator : MA/JU
Sample : P3244-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

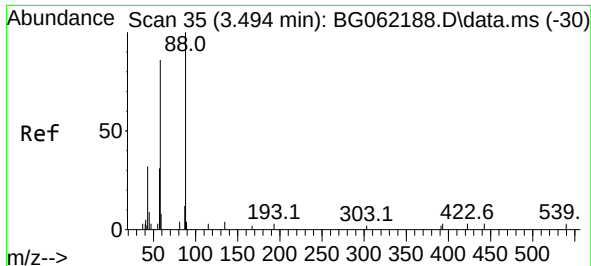
Instrument :
BNA_G
ClientSampleId :
YDZD2

Quant Time: Jul 23 23:45:08 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

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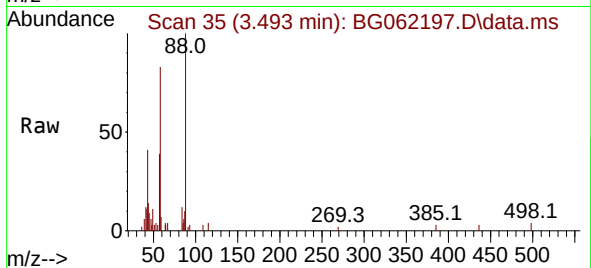
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024





#2
1,4-Dioxane
Concen: 7.114 ng/uL
RT: 3.493 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

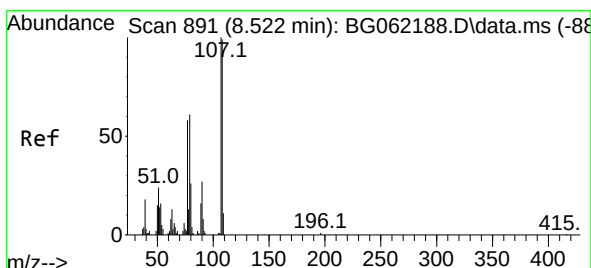
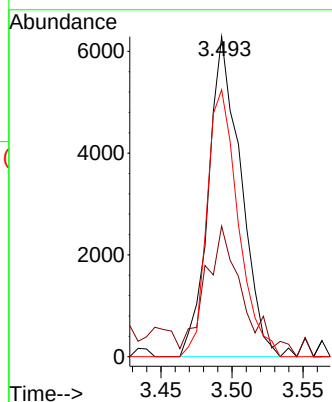
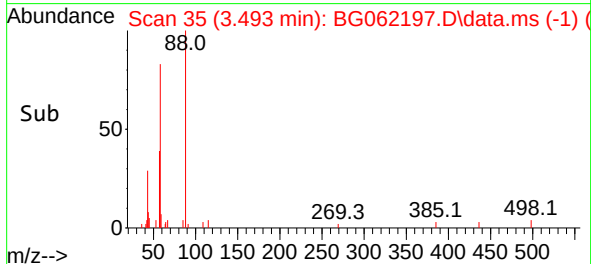
Instrument :
BNA_G
ClientSampleId :
YDZD2



Tgt Ion: 88 Resp: 9944
Ion Ratio Lower Upper
88 100
43 40.8 25.0 37.4
58 83.4 75.4 113.2

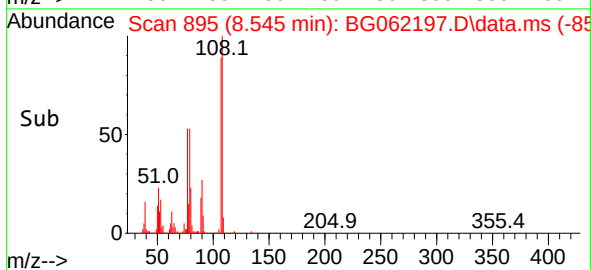
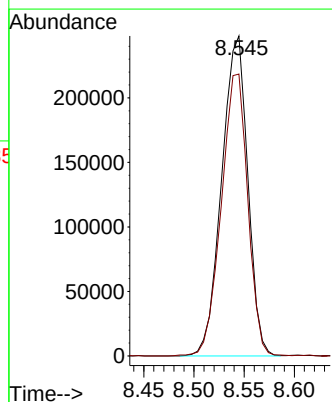
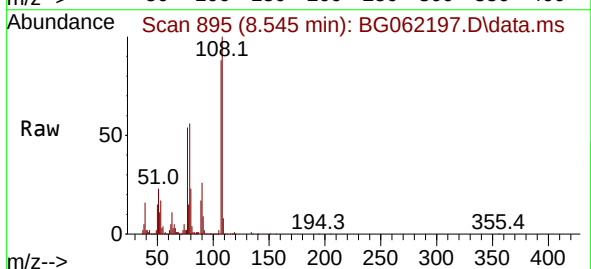
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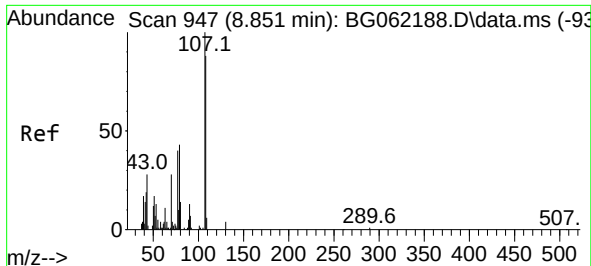
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#13
2-Methylphenol
Concen: 123.578 ng/uL
RT: 8.545 min Scan# 895
Delta R.T. 0.022 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

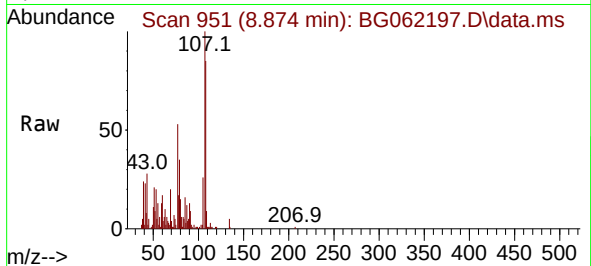
Tgt Ion:108 Resp: 447735
Ion Ratio Lower Upper
108 100
107 88.1 69.4 104.2





#18
4-Methylphenol
Concen: 12.879 ng/ul
RT: 8.874 min Scan# 91
Delta R.T. 0.028 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

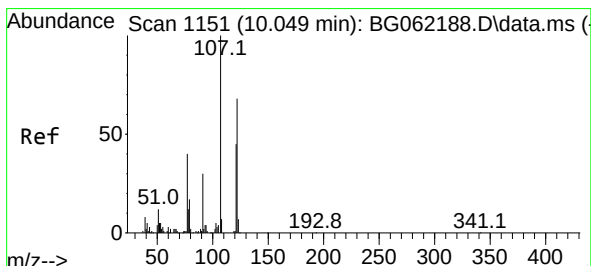
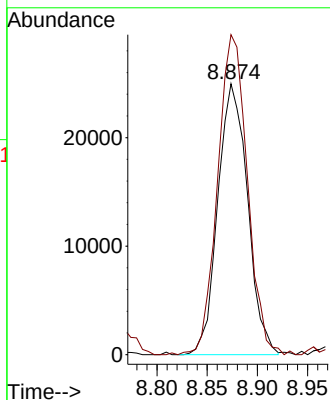
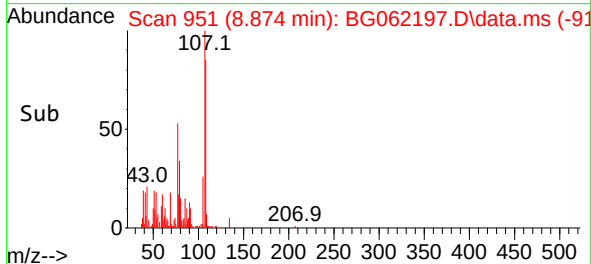
Instrument :
BNA_G
ClientSampleId :
YDZD2



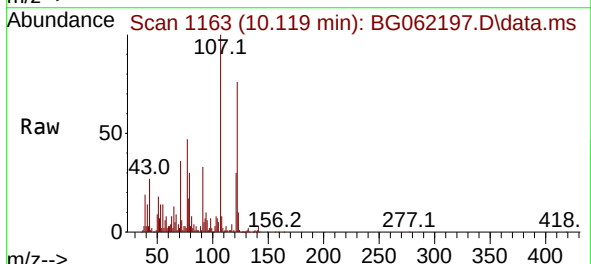
Tgt Ion:108 Resp: 51452
Ion Ratio Lower Upper
108 100
107 118.1 91.8 137.6

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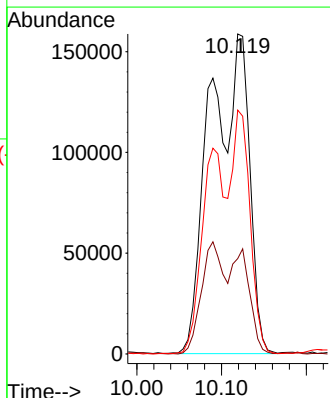
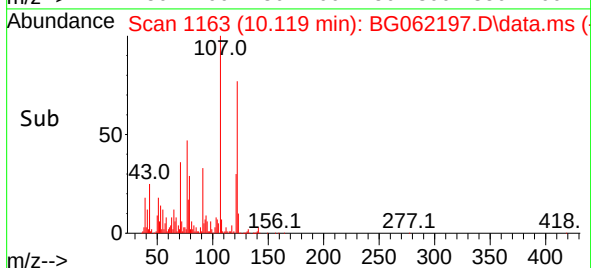
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

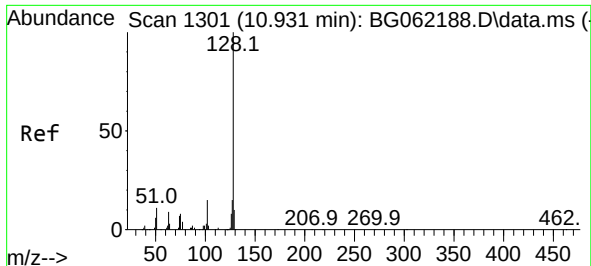


#26
2,4-Dimethylphenol
Concen: 95.901 ng/ul m
RT: 10.119 min Scan# 1163
Delta R.T. 0.069 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42



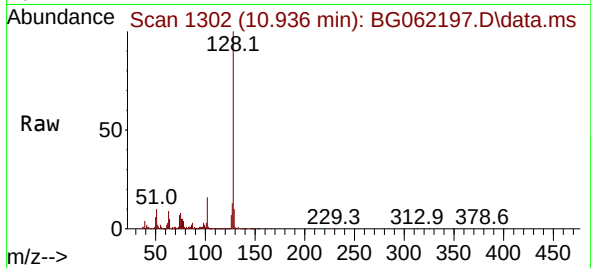
Tgt Ion:107 Resp: 502378
Ion Ratio Lower Upper
107 100
121 29.8 30.6 45.8#
122 76.2 57.8 86.8





#30
Naphthalene
Concen: 44.114 ng/ul
RT: 10.936 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

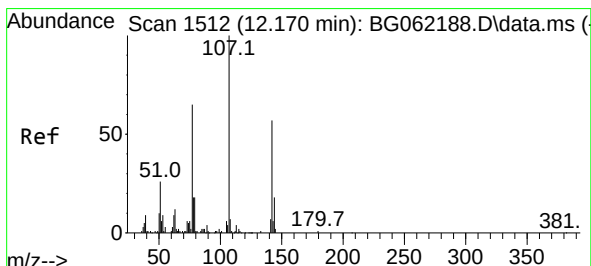
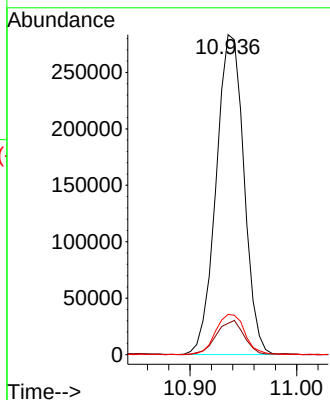
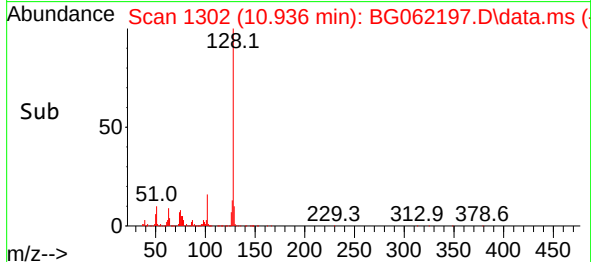
Instrument :
BNA_G
ClientSampleId :
YDZD2



Tgt Ion:128 Resp: 512260
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 12.6 10.6 15.8

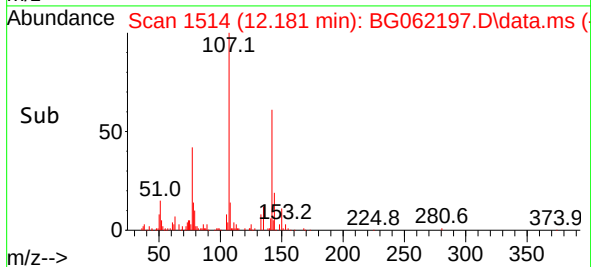
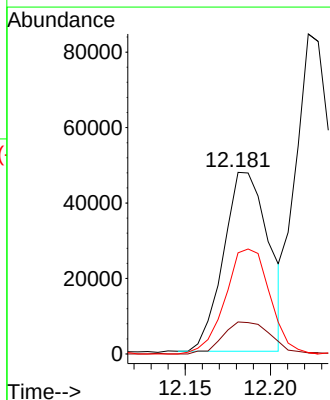
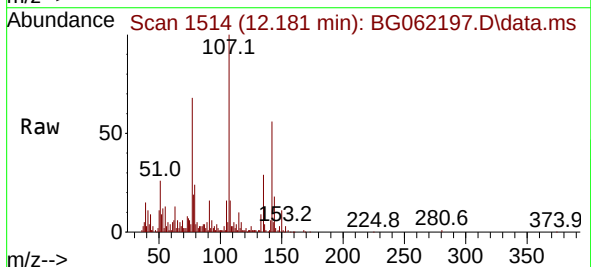
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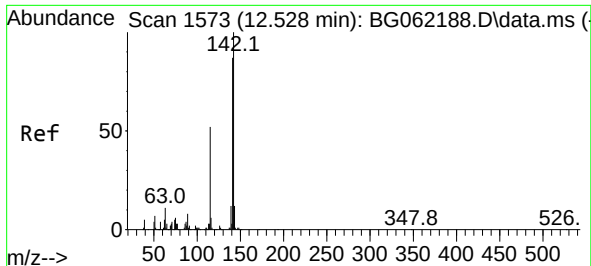
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#35
4-Chloro-3-methylphenol
Concen: 17.778 ng/ul
RT: 12.181 min Scan# 1514
Delta R.T. 0.011 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

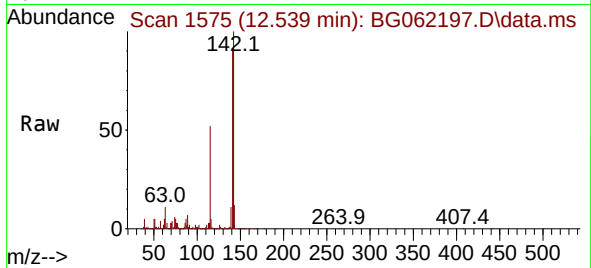
Tgt Ion:107 Resp: 87510
Ion Ratio Lower Upper
107 100
144 17.6 14.5 21.7
142 55.7 52.2 78.4





#36
2-Methylnaphthalene
Concen: 120.737 ng/ul
RT: 12.539 min Scan# 1575
Delta R.T. 0.011 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

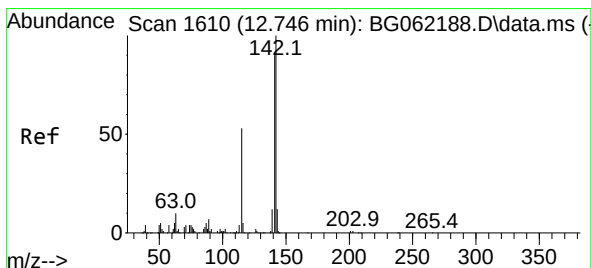
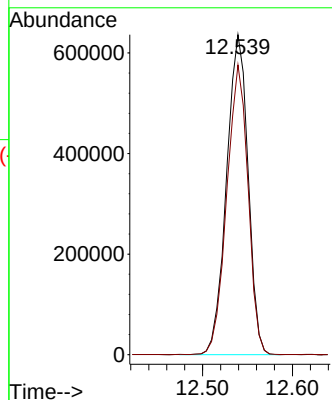
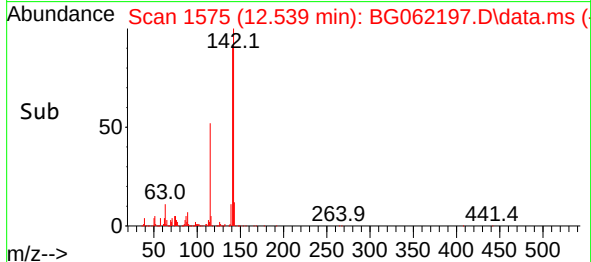
Instrument :
BNA_G
ClientSampleId :
YDZD2



Tgt Ion:142 Resp: 1058430
Ion Ratio Lower Upper
142 100
141 90.6 79.1 118.7

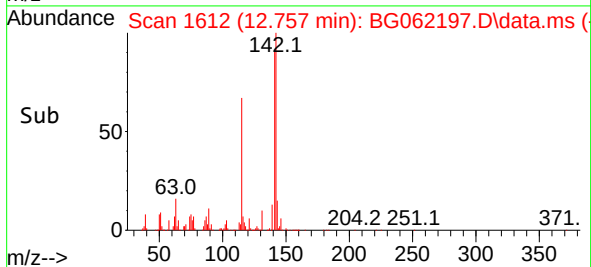
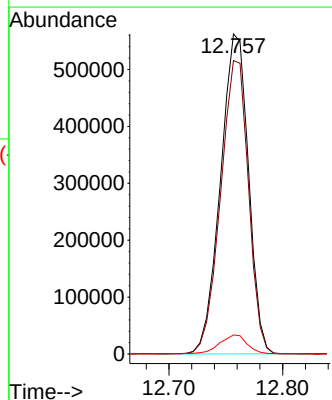
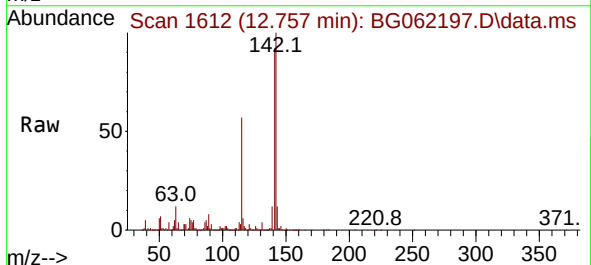
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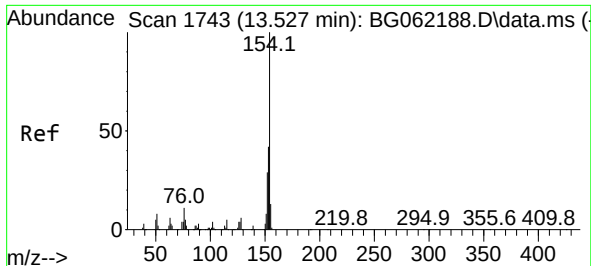
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#37
1-Methylnaphthalene
Concen: 106.393 ng/ul
RT: 12.757 min Scan# 1612
Delta R.T. 0.005 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

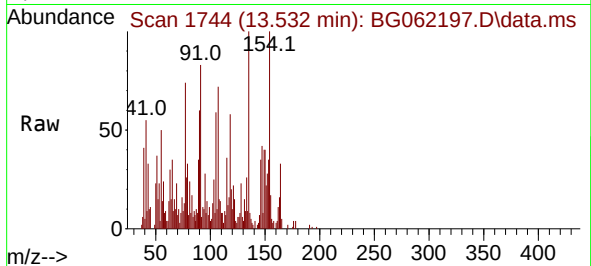
Tgt Ion:142 Resp: 961697
Ion Ratio Lower Upper
142 100
141 91.7 75.0 112.4
116 6.0 4.5 6.7





#43
1,1'-Biphenyl
Concen: 1.550 ng/ul
RT: 13.532 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

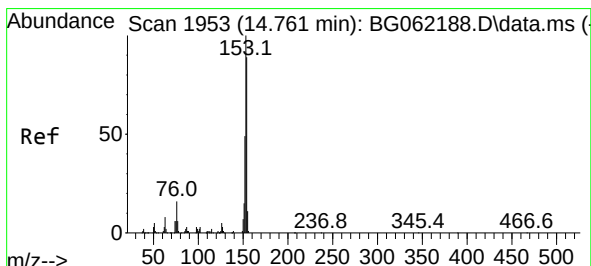
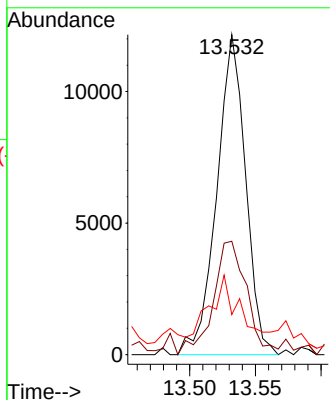
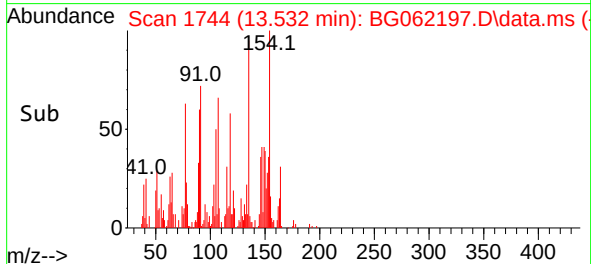
Instrument :
BNA_G
ClientSampleId :
YDZD2



Tgt Ion:154 Resp: 18579
Ion Ratio Lower Upper
154 100
153 35.5 30.3 45.5
76 12.5 9.0 13.6

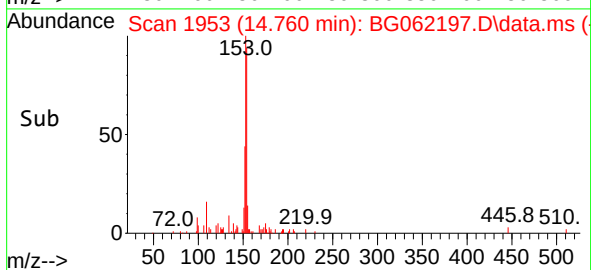
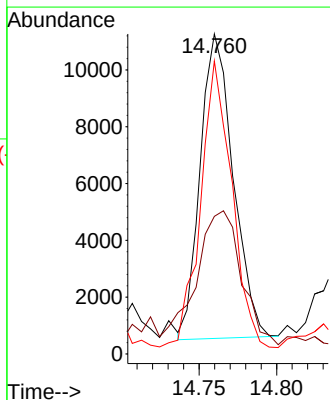
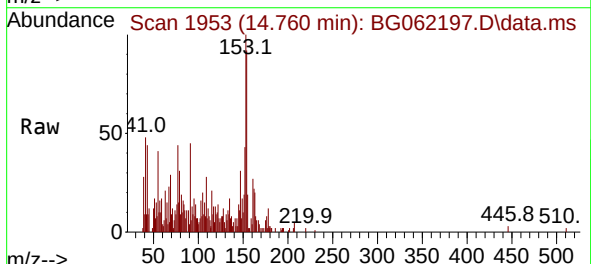
Manual Integrations
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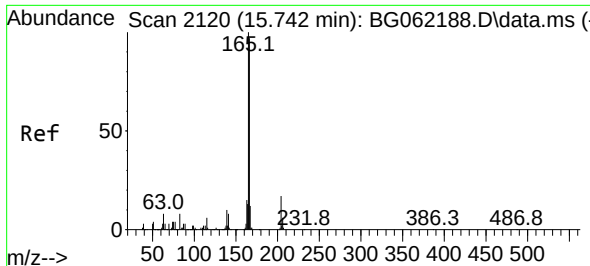
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 1.504 ng/ul
RT: 14.760 min Scan# 1953
Delta R.T. -0.001 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

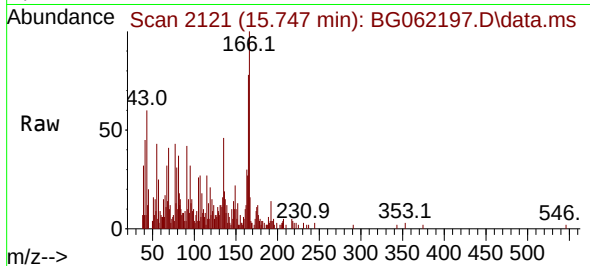
Tgt Ion:153 Resp: 15841
Ion Ratio Lower Upper
153 100
152 43.0 38.2 57.4
154 91.5 71.0 106.6





#61
Fluorene
Concen: 1.014 ng/ul
RT: 15.747 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42

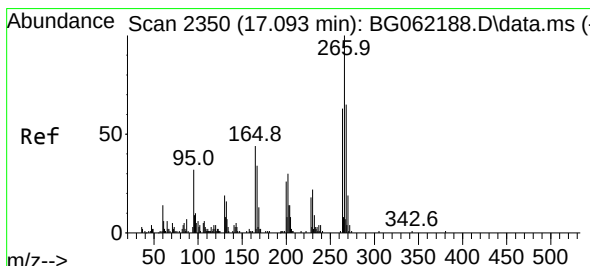
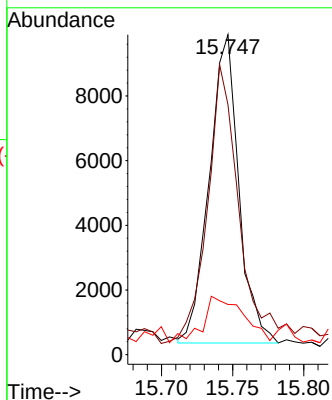
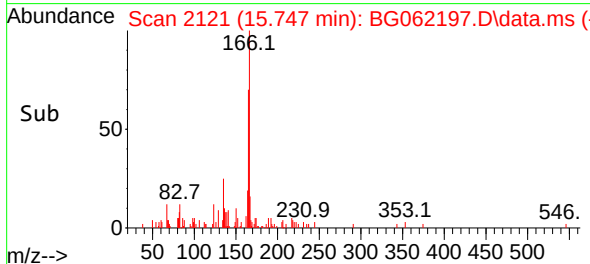
Instrument :
BNA_G
ClientSampleId :
YDZD2



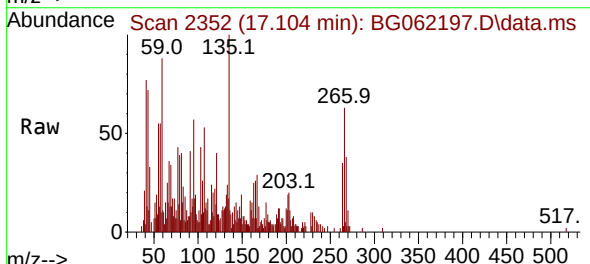
Tgt Ion:166 Resp: 13789
Ion Ratio Lower Upper
166 100
165 78.1 80.2 120.2
167 15.7 10.9 16.3

Manual Integrations
APPROVED

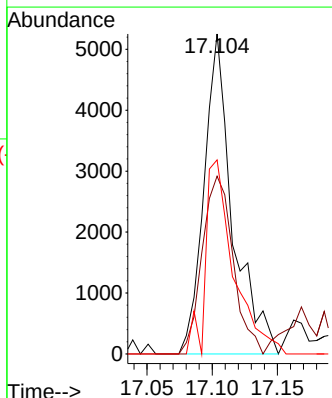
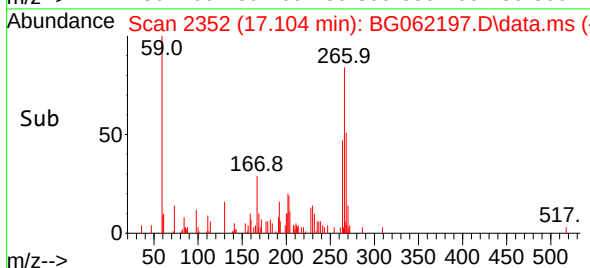
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

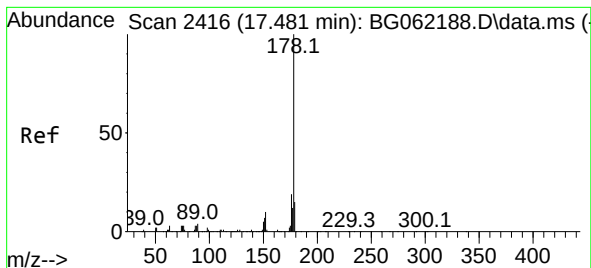


#71
Pentachlorophenol
Concen: 4.358 ng/ul m
RT: 17.104 min Scan# 2352
Delta R.T. 0.011 min
Lab File: BG062197.D
Acq: 23 Jul 2024 22:42



Tgt Ion:266 Resp: 8020
Ion Ratio Lower Upper
266 100
264 55.5 49.0 73.4
268 60.6 52.0 78.0





#72

Phenanthrene

Concen: 2.542 ng/ul

RT: 17.486 min Scan# 2416

Delta R.T. 0.005 min

Lab File: BG062197.D

Acq: 23 Jul 2024 22:42

Instrument :

BNA_G

ClientSampleId :

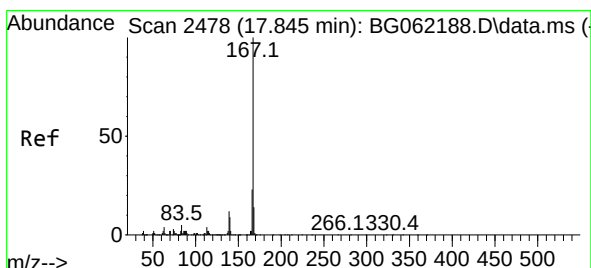
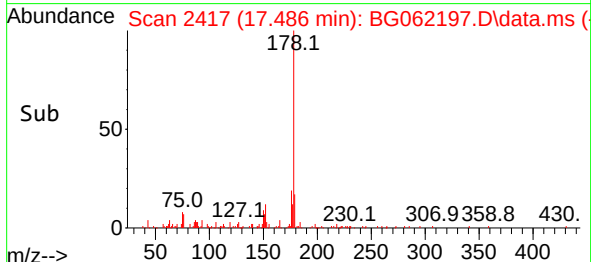
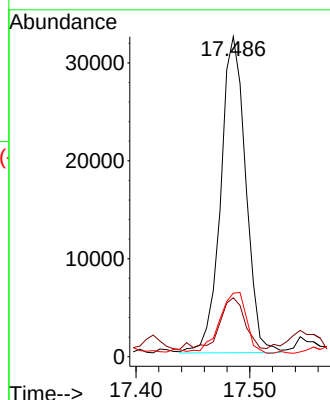
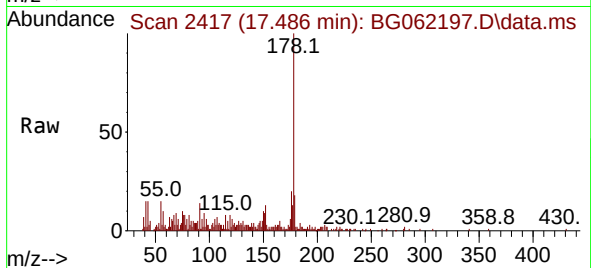
YDZD2

Tgt Ion:178 Resp: 49409
 Ion Ratio Lower Upper
 178 100
 179 18.4 14.1 21.1
 176 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#77

Carbazole

Concen: 2.218 ng/ul

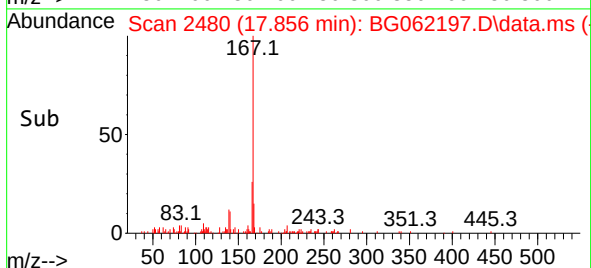
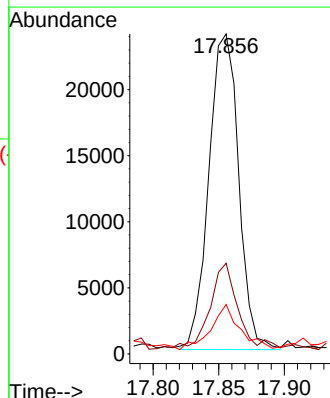
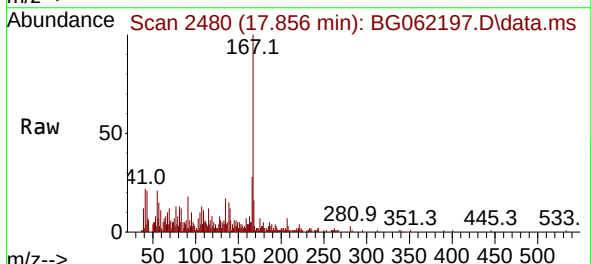
RT: 17.856 min Scan# 2480

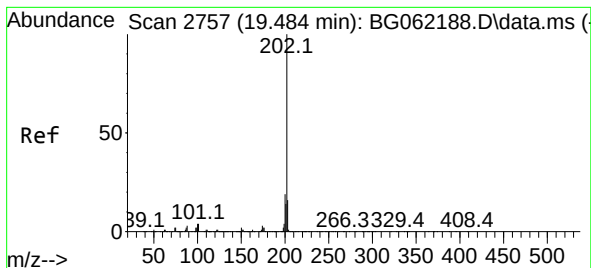
Delta R.T. 0.011 min

Lab File: BG062197.D

Acq: 23 Jul 2024 22:42

Tgt Ion:167 Resp: 37724
 Ion Ratio Lower Upper
 167 100
 166 28.3 18.5 27.7#
 139 15.4 9.8 14.8#





#80

Fluoranthene

Concen: 2.327 ng/u1

RT: 19.489 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG062197.D

Acq: 23 Jul 2024 22:42

Instrument :

BNA_G

ClientSampleId :

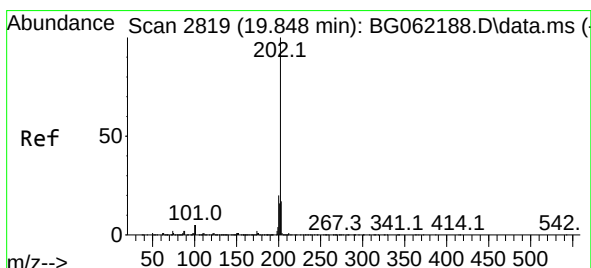
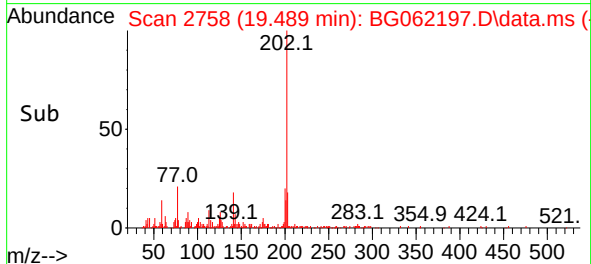
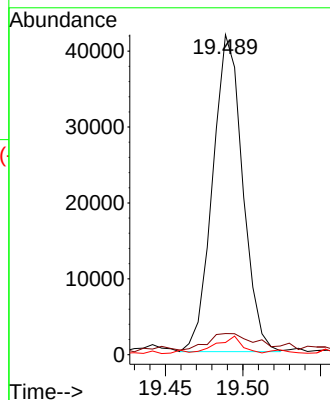
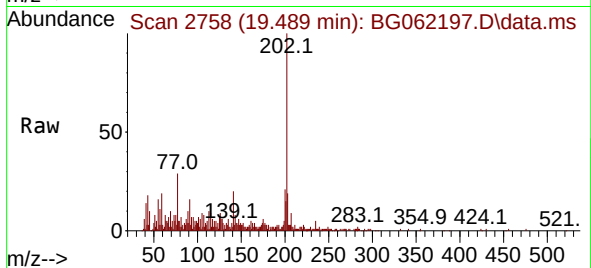
YDZD2

Tgt Ion:	202	Resp:	56138
Ion Ratio	Lower	Upper	
202	100		
101	6.6	4.2	6.2
100	3.8	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#82

Pyrene

Concen: 2.122 ng/u1

RT: 19.853 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BG062197.D

Acq: 23 Jul 2024 22:42

Tgt Ion:	202	Resp:	53249
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.2	6.4
100	5.5	4.0	6.0

