

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056177.D
 Acq On : 30 Dec 2022 19:17
 Operator : CG/JU
 Sample : N6220-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
 Supervised By :Yogesh Patel 01/03/2023

Quant Time: Dec 31 00:20:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	52515	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	185923	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	136506	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	320407	20.000	ng	0.00
76) Chrysene-d12	21.978	240	349645	20.000	ng	0.00
86) Perylene-d12	25.427	264	385448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	69641	23.678	ng	0.00
7) Phenol-d6	7.465	99	98901	21.896	ng	0.00
23) Nitrobenzene-d5	9.510	82	51726	14.231	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	35521	20.546	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	150276	15.202	ng	0.00
79) Terphenyl-d14	20.250	244	279104	14.297	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.800	142	168582	20.405	ng	100
38) 1-Methylnaphthalene	13.012	142	120083	15.652	ng	95
58) Fluorene	15.985	166	31039	2.855	ng	# 89
71) Phenanthrene	17.724	178	134077	8.075	ng	99
75) Fluoranthene	19.710	202	64138	2.961	ng	95
78) Pyrene	20.068	202	80784m	3.278	ng	

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

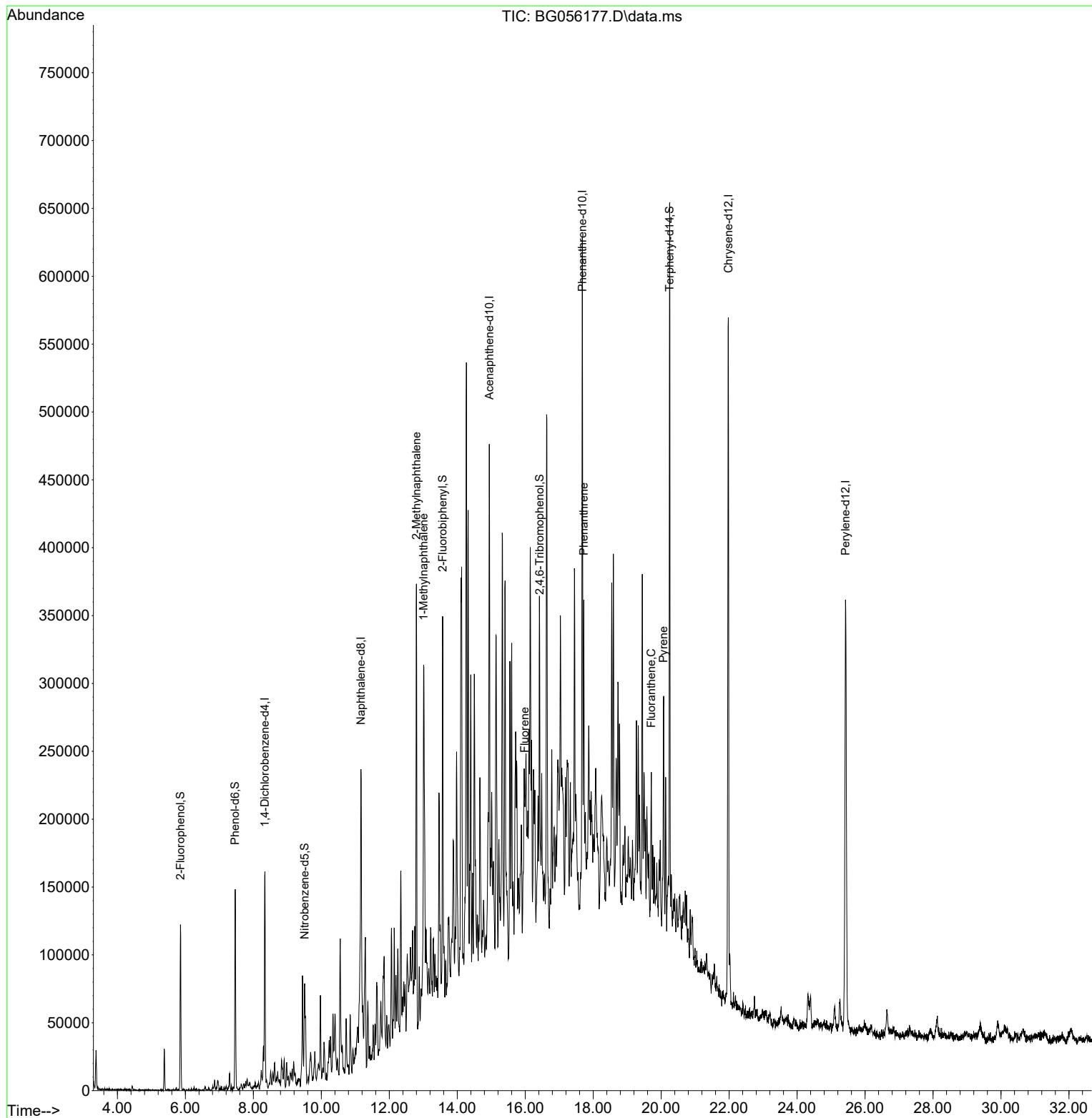
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056177.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

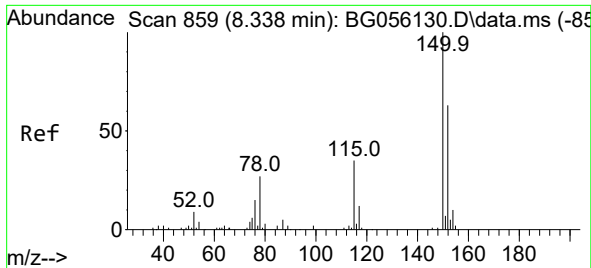
Instrument :
BNA_G
ClientSampleId :
TP-1DL

Quant Time: Dec 31 00:20:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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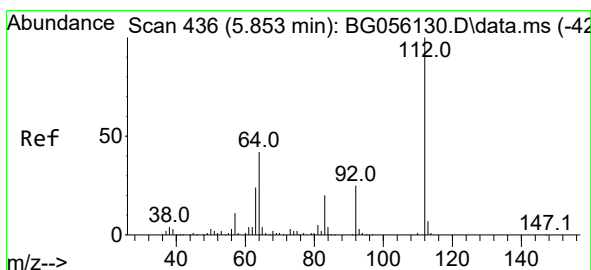
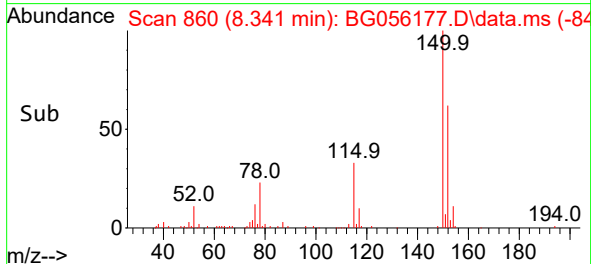
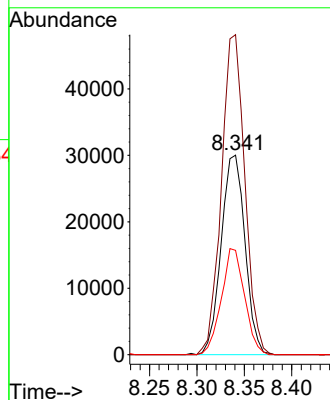
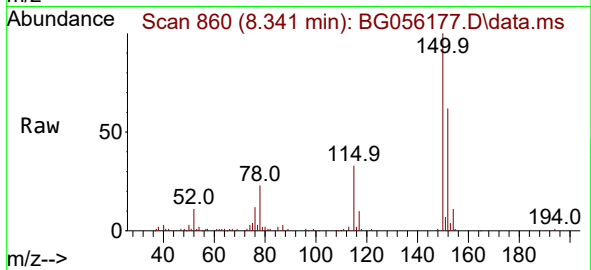
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :
BNA_G
ClientSampleId :
TP-1DL

Tgt Ion:152 Resp: 5251
Ion Ratio Lower Upper
152 100
150 160.4 127.9 191.9
115 52.3 44.2 66.2

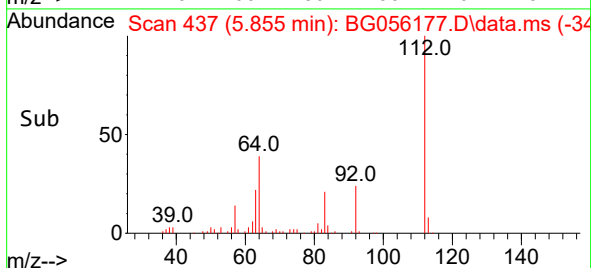
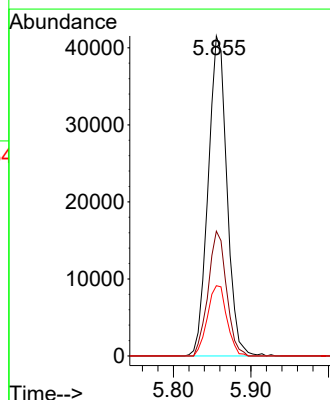
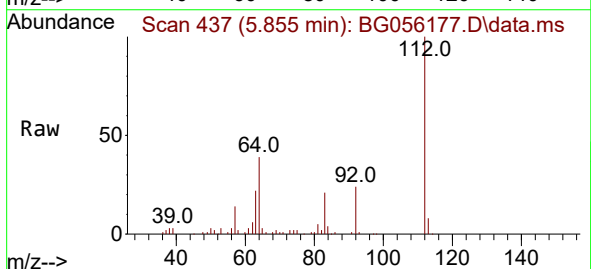
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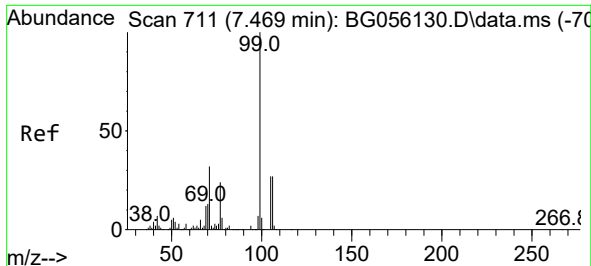
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023



#5
2-Fluorophenol
Concen: 23.678 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:112 Resp: 69641
Ion Ratio Lower Upper
112 100
64 39.0 33.3 49.9
63 21.9 19.0 28.4





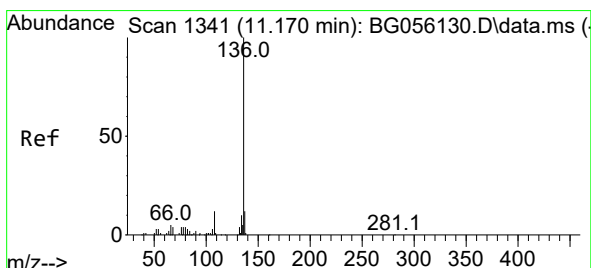
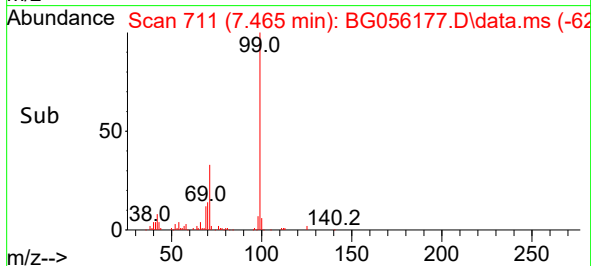
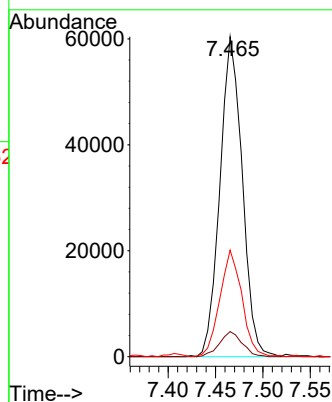
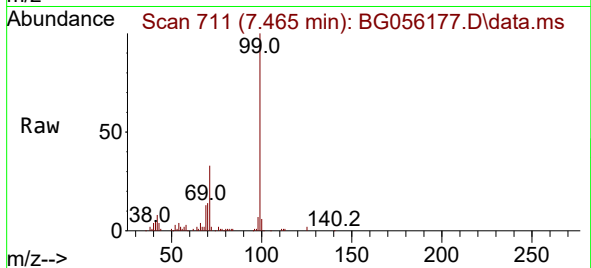
#7
Phenol-d6
Concen: 21.896 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :
BNA_G
ClientSampleId :
TP-1DL

Tgt Ion: 99 Resp: 9890
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 33.3 25.4 38.2

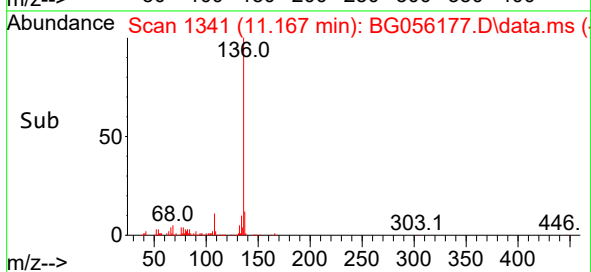
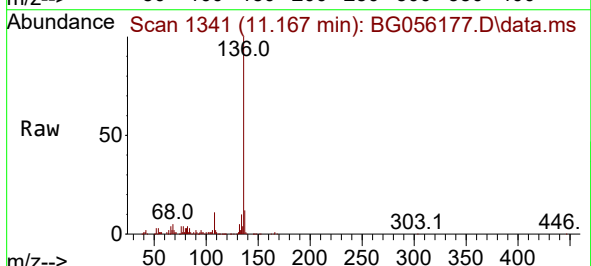
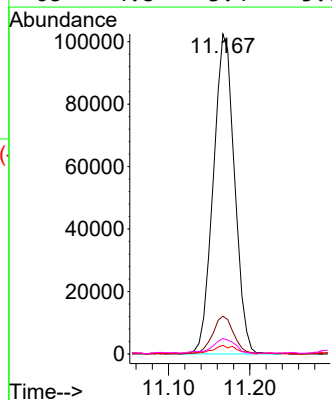
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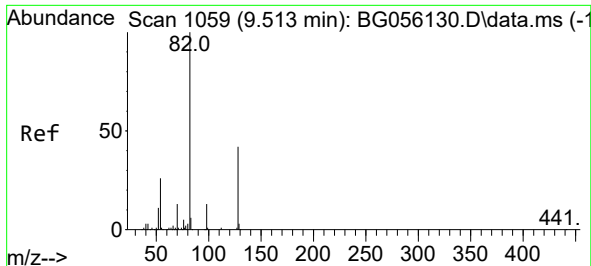
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:136 Resp: 185923
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.7 2.2 3.2
68 4.8 3.4 5.0





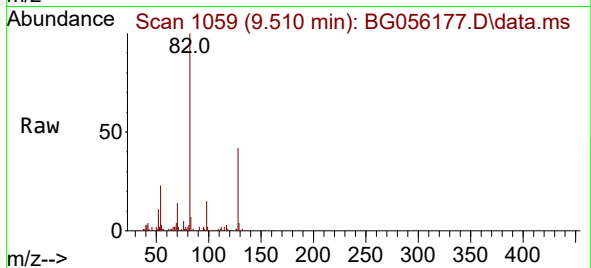
#23
Nitrobenzene-d5
Concen: 14.231 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :

BNA_G

ClientSampleId :

TP-1DL

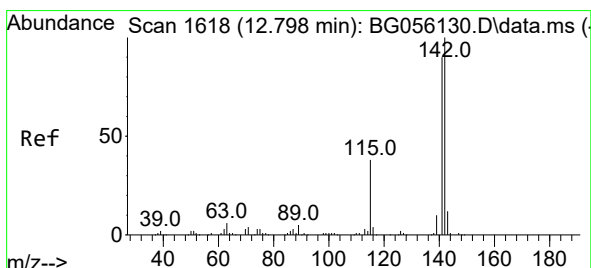
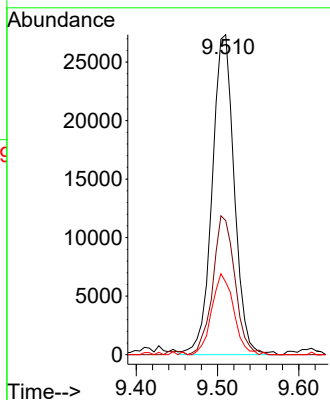
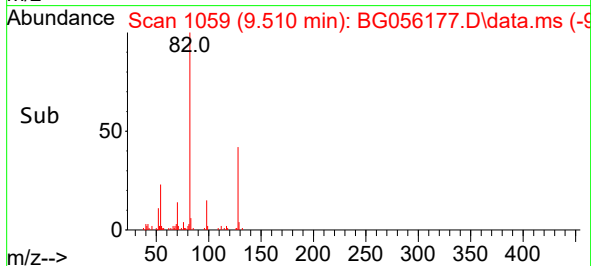


Tgt Ion: 82 Resp: 51720
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.2
54 22.6 20.3 30.5

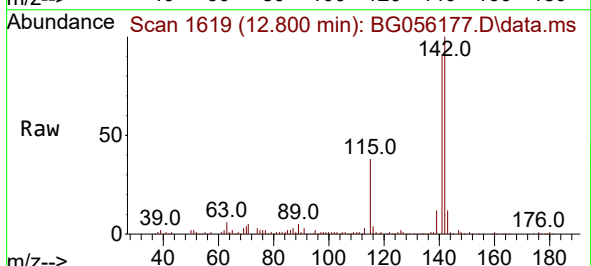
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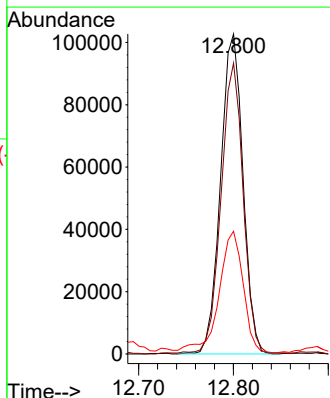
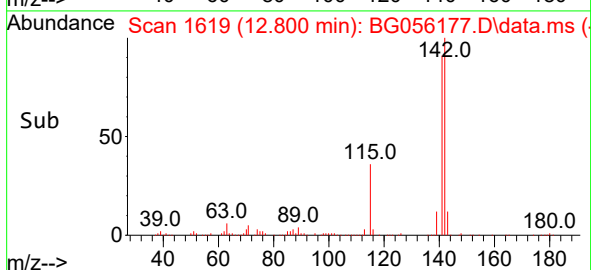
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

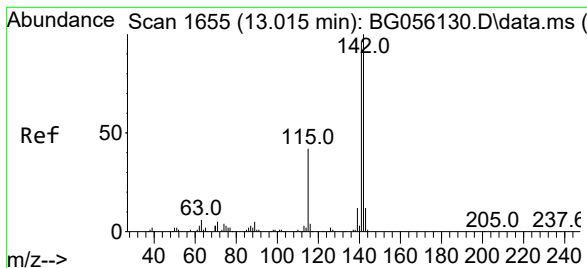


#37
2-Methylnaphthalene
Concen: 20.405 ng
RT: 12.800 min Scan# 1619
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17



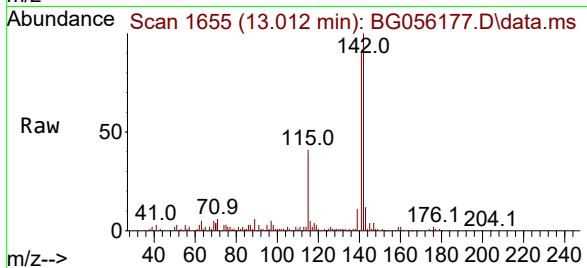
Tgt Ion:142 Resp: 168582
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.4
115 38.3 30.7 46.1





#38
1-Methylnaphthalene
Concen: 15.652 ng
RT: 13.012 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

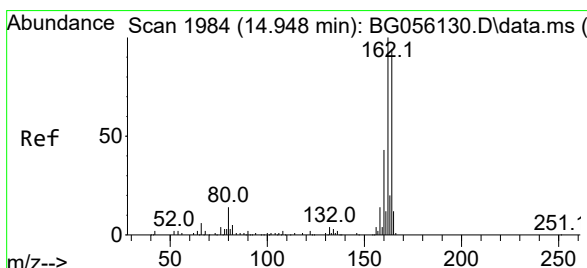
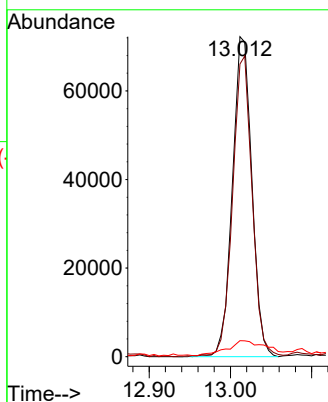
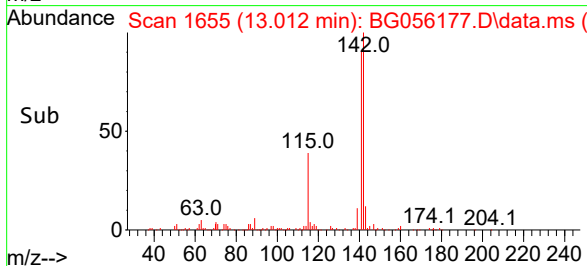
Instrument :
BNA_G
ClientSampleId :
TP-1DL



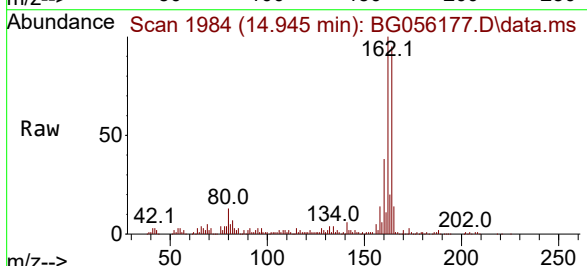
Tgt Ion:142 Resp: 12008
Ion Ratio Lower Upper
142 100
141 91.5 77.0 115.6
116 5.0 3.6 5.4

Manual Integrations
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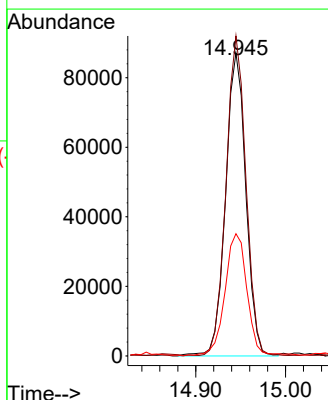
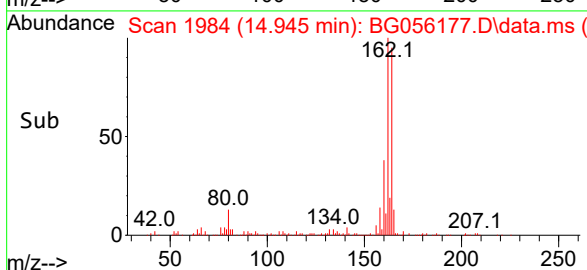
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

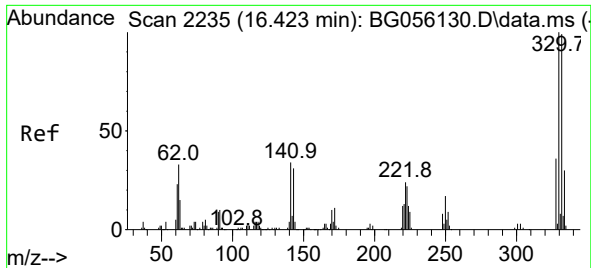


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17



Tgt Ion:164 Resp: 136506
Ion Ratio Lower Upper
164 100
162 105.6 84.7 127.1
160 40.4 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 20.546 ng
RT: 16.425 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :

BNA_G

ClientSampleId :

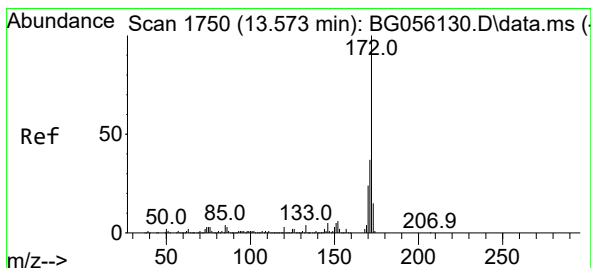
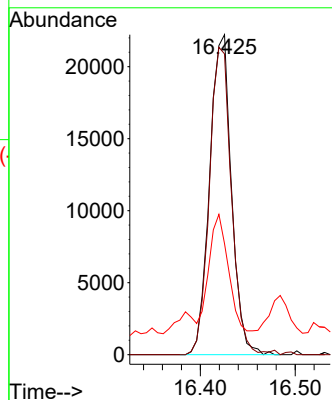
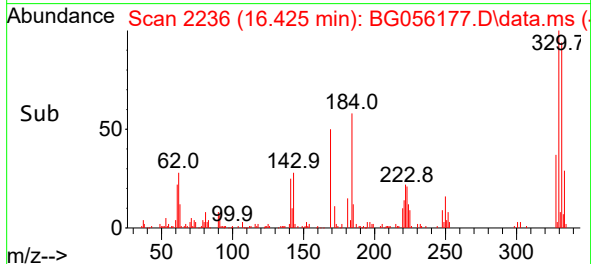
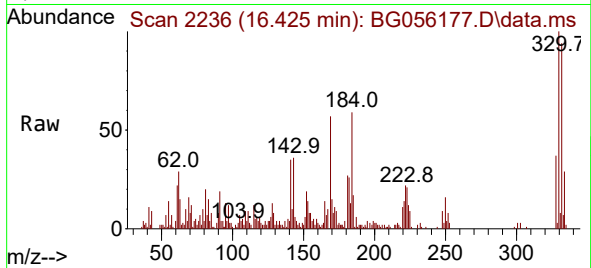
TP-1DL

Tgt Ion:330 Resp: 3552
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 34.1 27.9 41.9

Manual Integrations

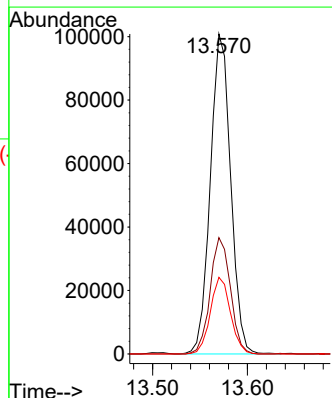
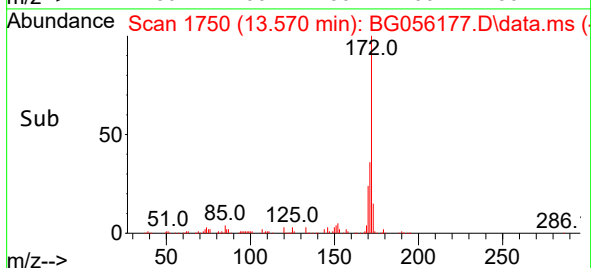
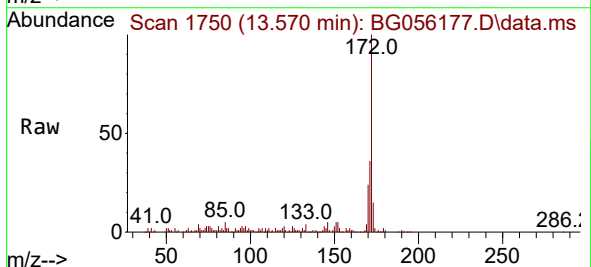
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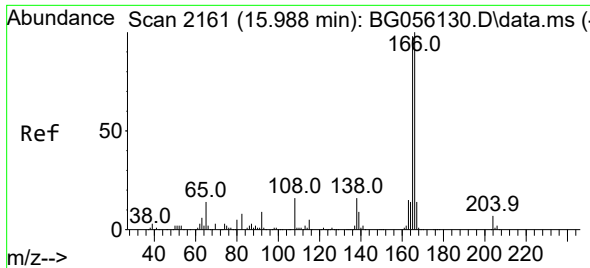
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023



#45
2-Fluorobiphenyl
Concen: 15.202 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:172 Resp: 150276
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.4 29.2





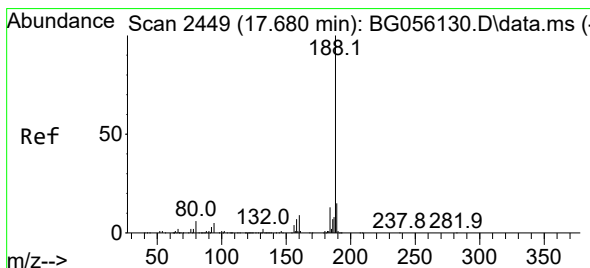
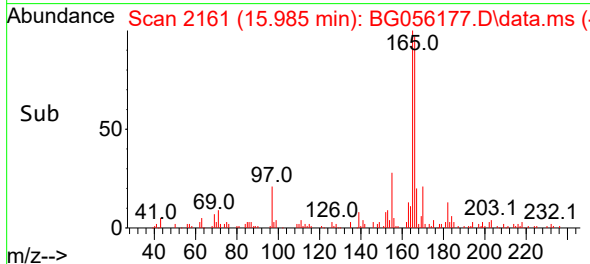
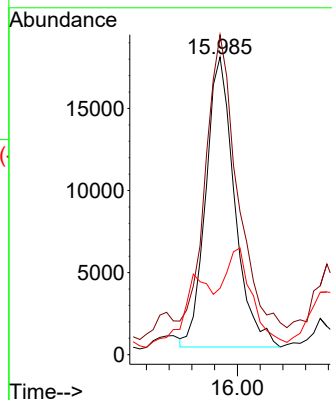
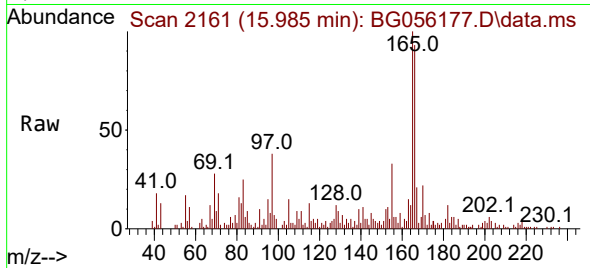
#58
Fluorene
Concen: 2.855 ng
RT: 15.985 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :
BNA_G
ClientSampleId :
TP-1DL

Tgt Ion:166 Resp: 31039
Ion Ratio Lower Upper
166 100
165 107.5 78.6 118.0
167 22.3 11.1 16.7

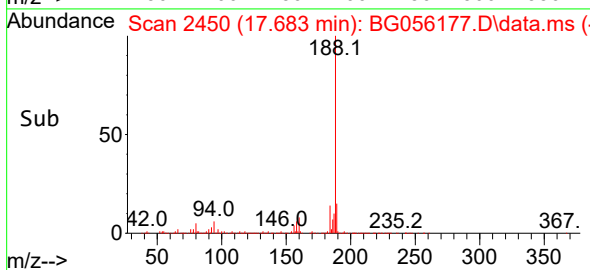
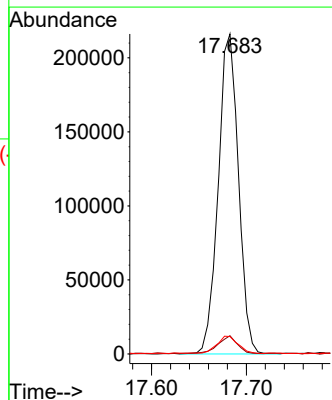
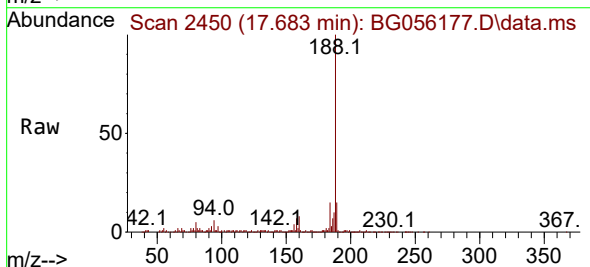
Manual Integrations
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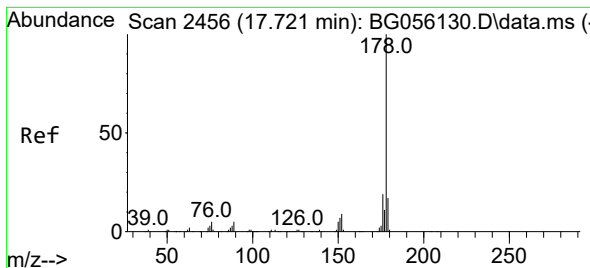
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2450
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

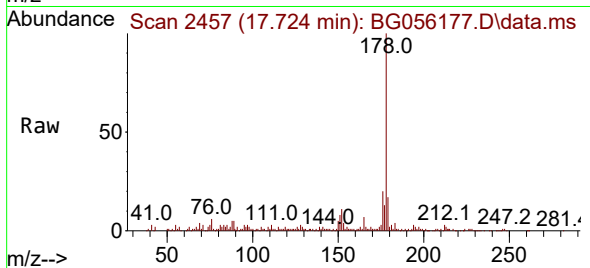
Tgt Ion:188 Resp: 320407
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 5.4 5.0 7.4





#71
Phenanthrene
Concen: 8.075 ng
RT: 17.724 min Scan# 2456
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

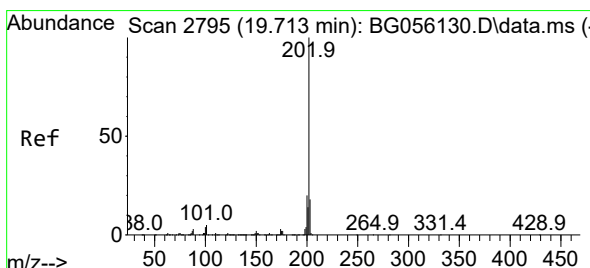
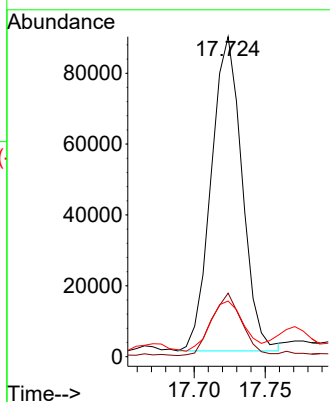
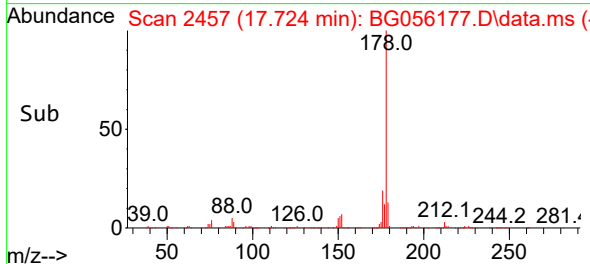
Instrument :
BNA_G
ClientSampleId :
TP-1DL



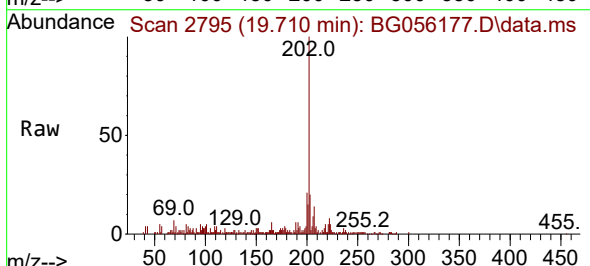
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Ion Ratio Lower Upper
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179 17.4 13.6 20.4

Manual Integrations
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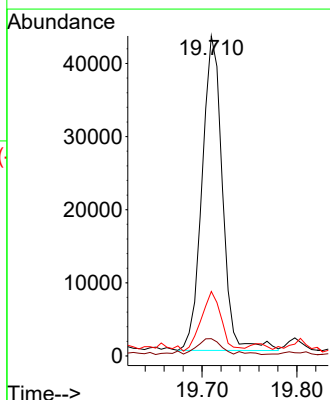
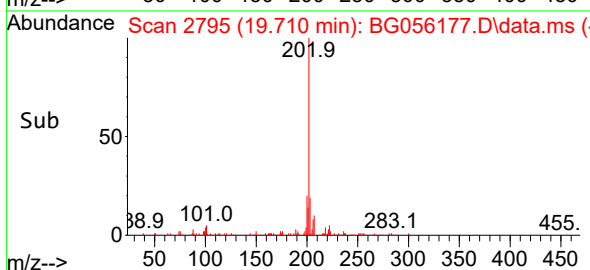
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

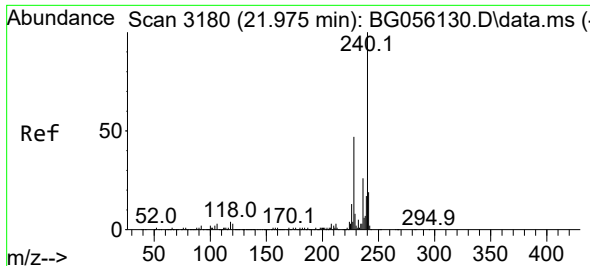


#75
Fluoranthene
Concen: 2.961 ng
RT: 19.710 min Scan# 2795
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17



Tgt Ion:202 Resp: 64138
Ion Ratio Lower Upper
202 100
101 6.7 0.0 25.0
203 20.2 0.0 38.0





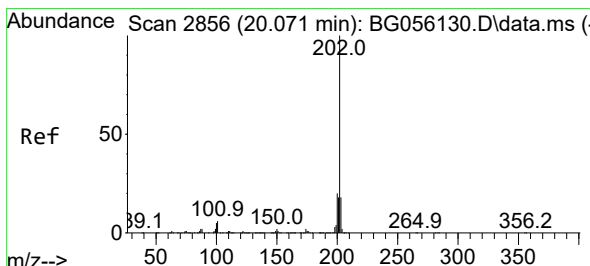
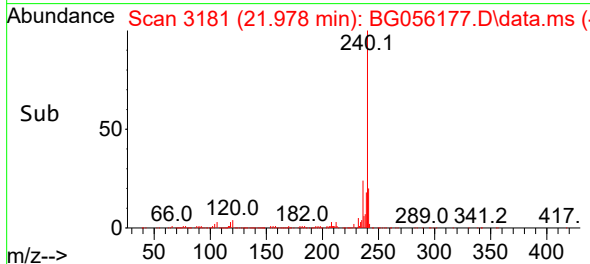
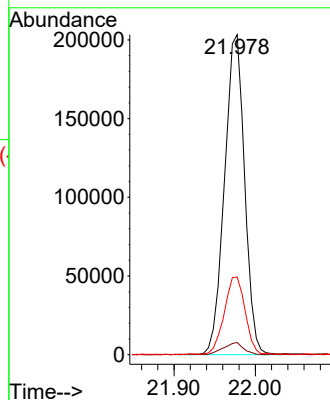
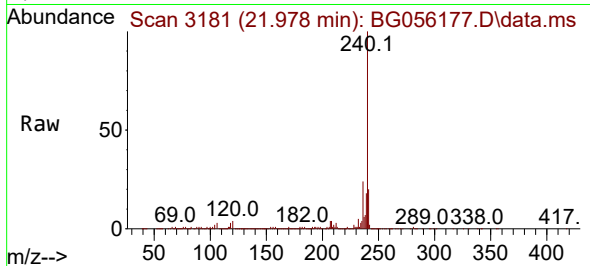
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.978 min Scan# 3180
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Instrument :
BNA_G
ClientSampleId :
TP-1DL

Tgt Ion:240 Resp: 34964
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 24.3 20.8 31.2

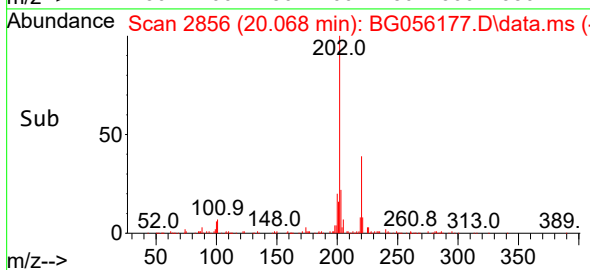
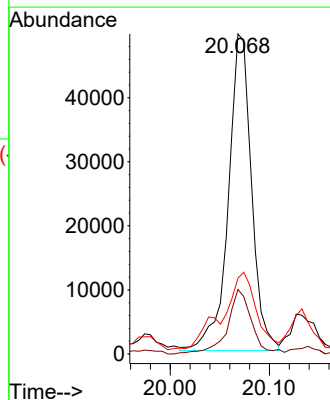
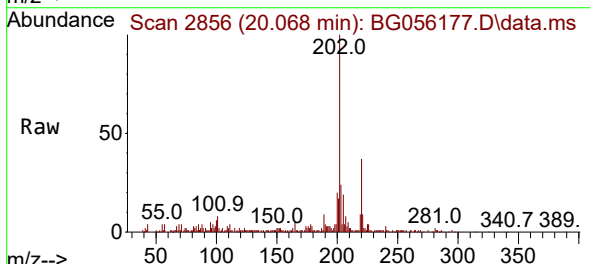
Manual Integrations
APPROVED

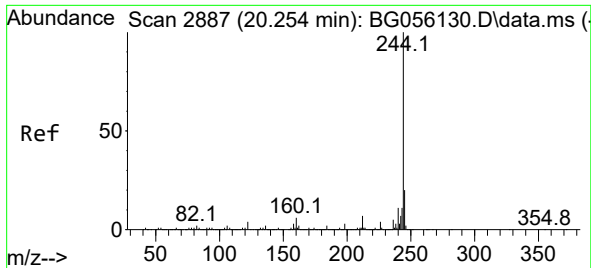
Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023



#78
Pyrene
Concen: 3.278 ng m
RT: 20.068 min Scan# 2856
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:202 Resp: 80784
Ion Ratio Lower Upper
202 100
200 20.1 16.4 24.6
203 23.6 14.3 21.5#





#79
 Terphenyl-d14
 Concen: 14.297 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Instrument :

BNA_G

ClientSampleId :

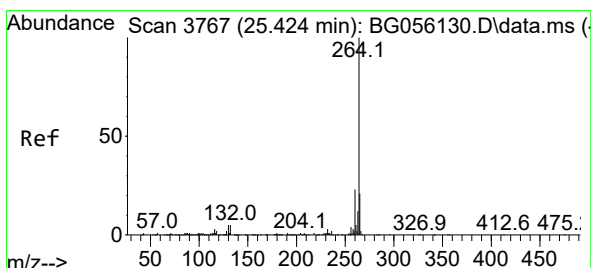
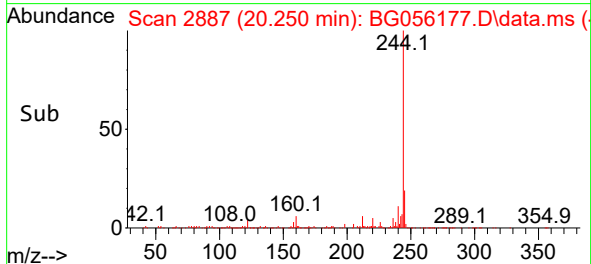
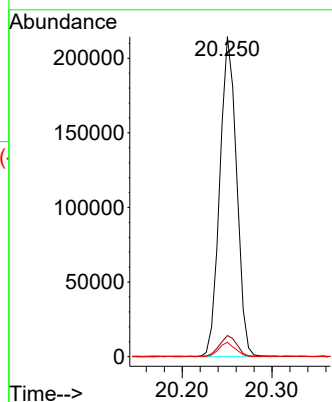
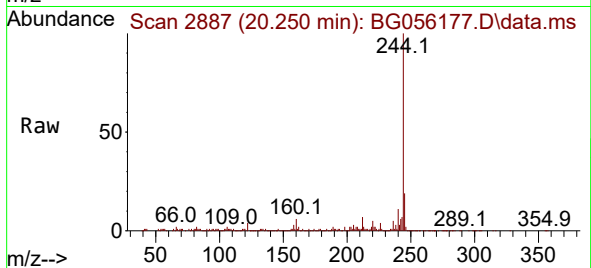
TP-1DL

Tgt Ion:244 Resp: 279104
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 4.5 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
 Supervised By :Yogesh Patel 01/03/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Tgt Ion:264 Resp: 385448
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.5 16.7 25.1

