

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060393.D
 Acq On : 22 Jan 2024 20:29
 Operator : MA/JU
 Sample : P1183-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-305-0-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 23 00:39:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	237345	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1019869	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	713186	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1692251	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1441979	20.000	ng	0.00
86) Perylene-d12	24.751	264	1569946	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1041295	72.161	ng	0.00
7) Phenol-d6	7.095	99	1541741	72.153	ng	0.00
23) Nitrobenzene-d5	9.087	82	1008227	46.681	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	754525	71.907	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2305383	44.942	ng	0.00
79) Terphenyl-d14	19.927	244	3119791	45.489	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.354	178	327134	3.999	ng	98
75) Fluoranthene	19.369	202	808489	8.229	ng	87
78) Pyrene	19.728	202	764221	8.299	ng	# 85
81) Benzo(a)anthracene	21.555	228	417382	4.676	ng	95
83) Chrysene	21.619	228	405701	4.621	ng	96
88) Benzo(b)fluoranthene	23.746	252	476049	5.133	ng	# 93
89) Benzo(k)fluoranthene	23.793	252	183801m	2.008	ng	
90) Benzo(a)pyrene	24.598	252	350973	4.189	ng	# 89

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

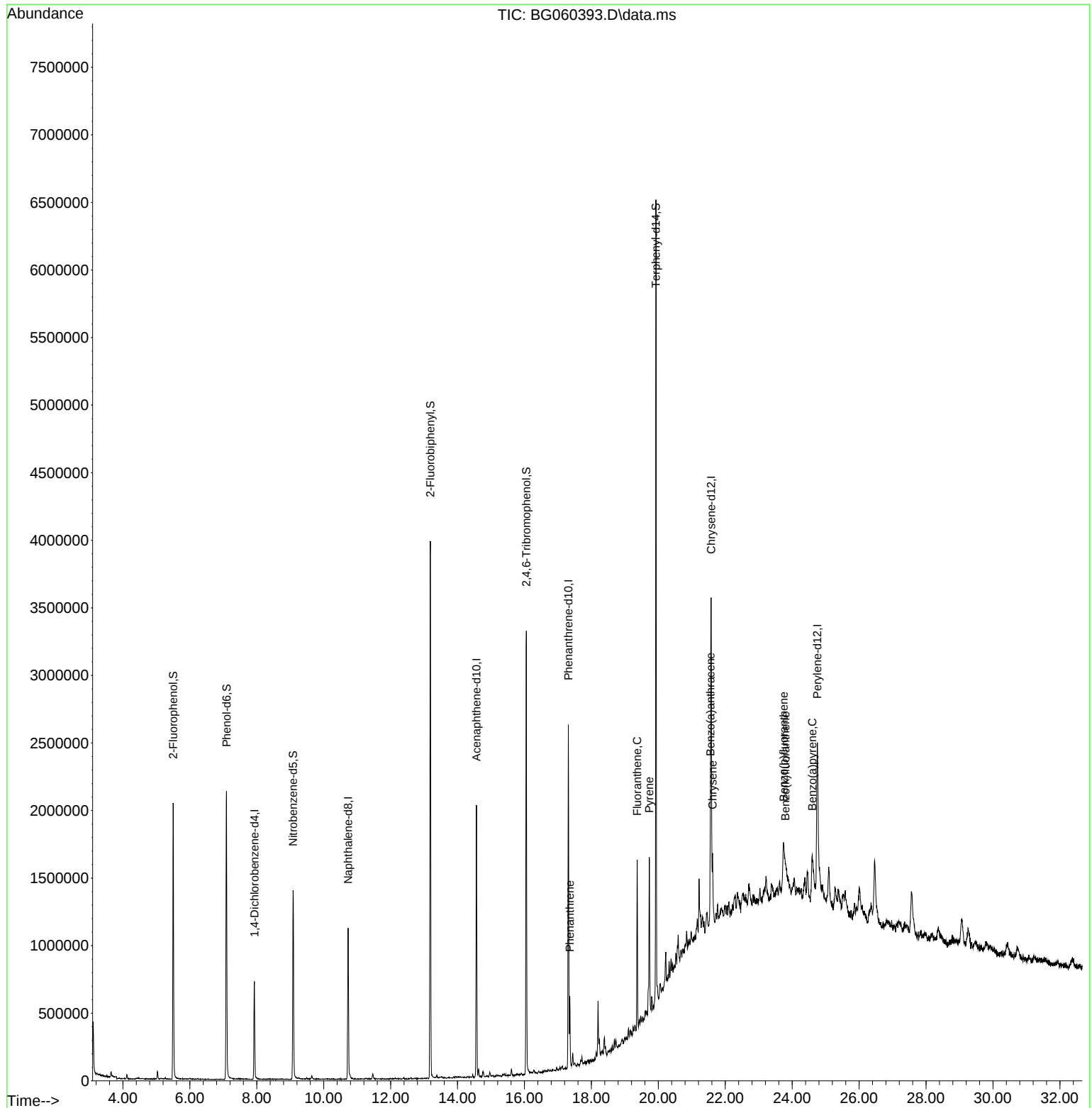
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
Data File : BG060393.D
Acq On : 22 Jan 2024 20:29
Operator : MA/JU
Sample : P1183-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

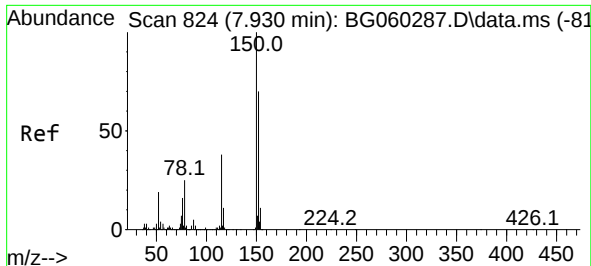
Instrument :
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MR-305-0-2

Quant Time: Jan 23 00:39:54 2024
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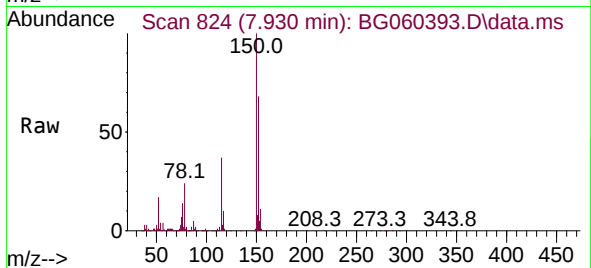
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

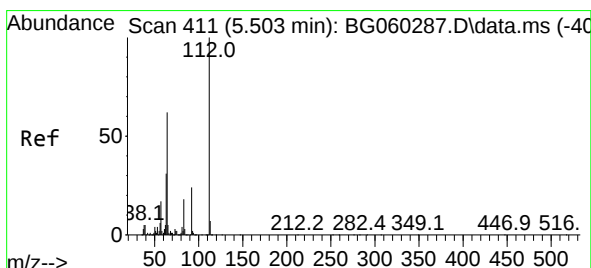
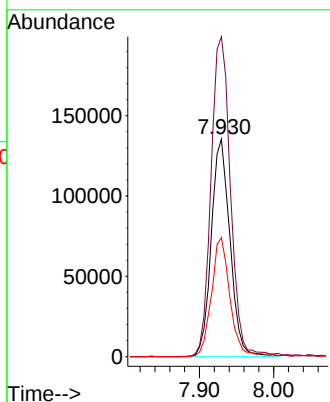
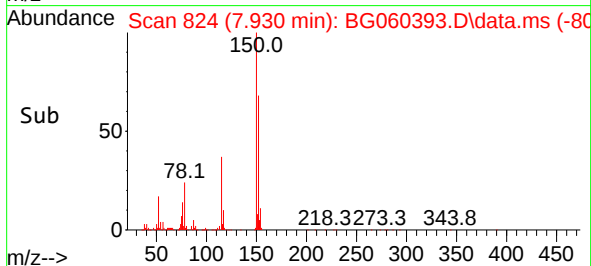
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2



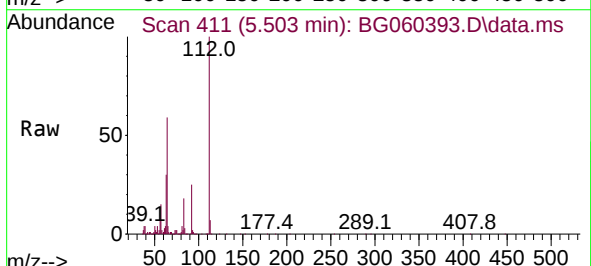
Tgt Ion:152 Resp: 237345
Ion Ratio Lower Upper
152 100
150 147.1 114.5 171.7
115 54.7 43.0 64.6

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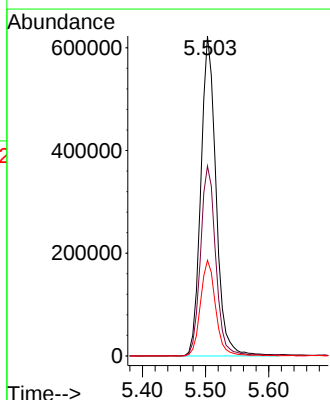
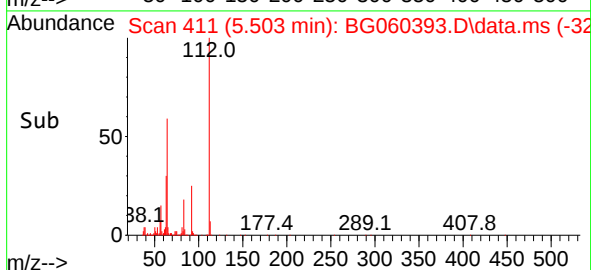
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

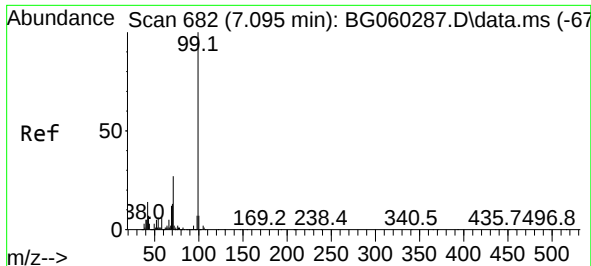


#5
2-Fluorophenol
Concen: 72.161 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29



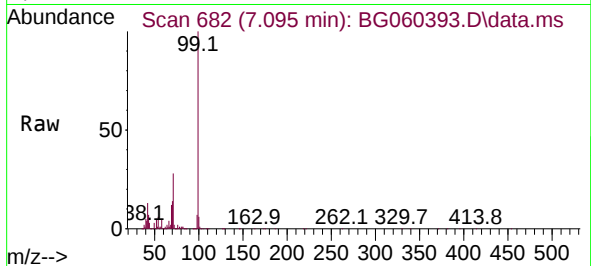
Tgt Ion:112 Resp: 1041295
Ion Ratio Lower Upper
112 100
64 59.3 49.8 74.6
63 29.9 24.4 36.6





#7
Phenol-d6
Concen: 72.153 ng
RT: 7.095 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

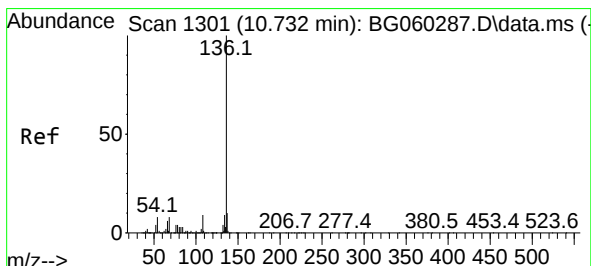
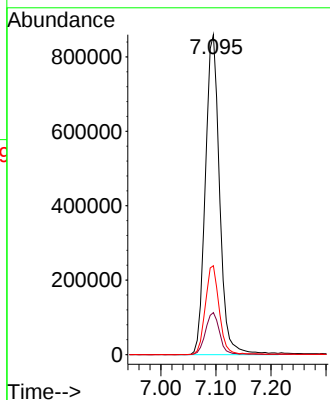
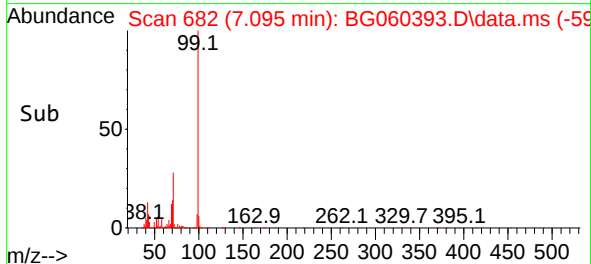
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2



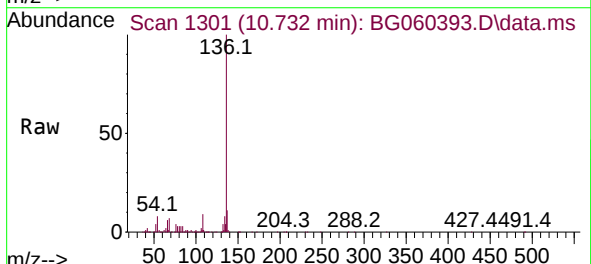
Tgt Ion: 99 Resp: 154174
Ion Ratio Lower Upper
99 100
42 13.1 10.9 16.3
71 27.8 21.5 32.3

Manual Integrations
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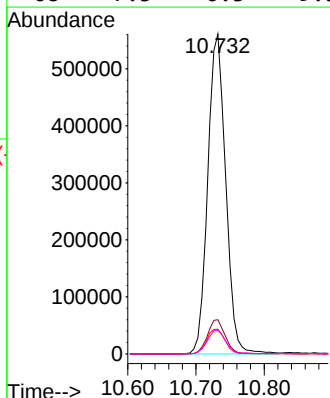
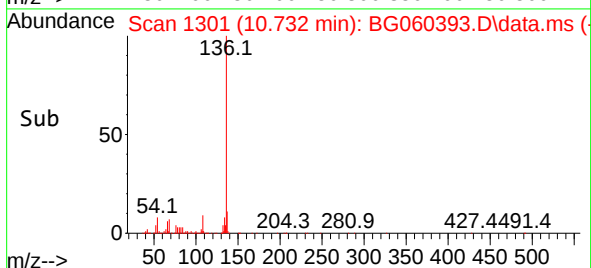
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

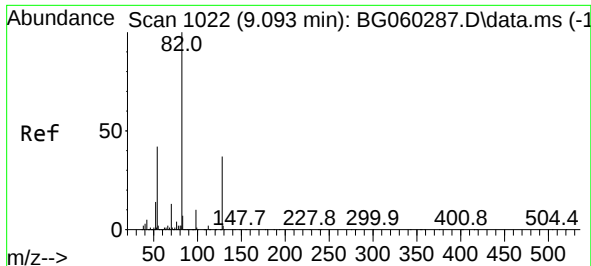


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29



Tgt Ion:136 Resp: 1019869
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 7.8 6.2 9.2
68 7.3 6.3 9.5





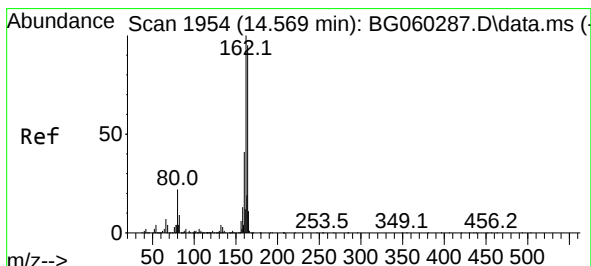
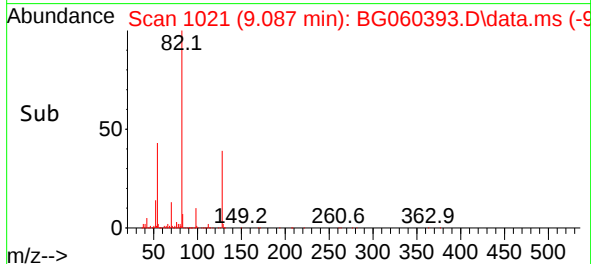
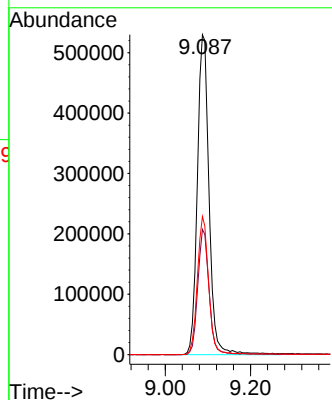
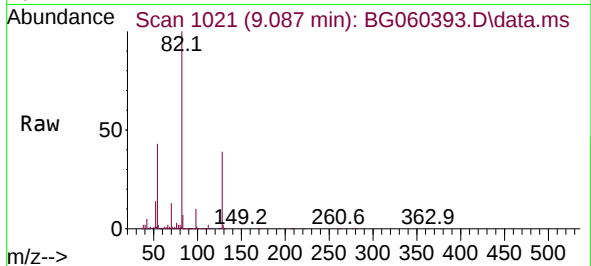
#23
Nitrobenzene-d5
Concen: 46.681 ng
RT: 9.087 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

Tgt Ion: 82 Resp: 100822
Ion Ratio Lower Upper
82 100
128 39.1 29.6 44.4
54 43.2 33.6 50.4

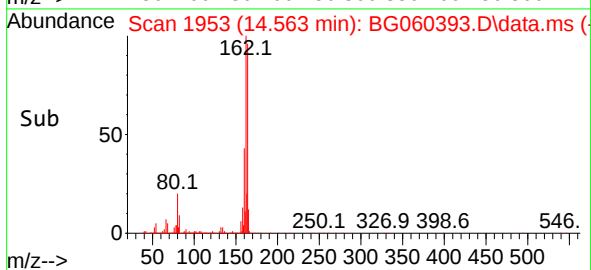
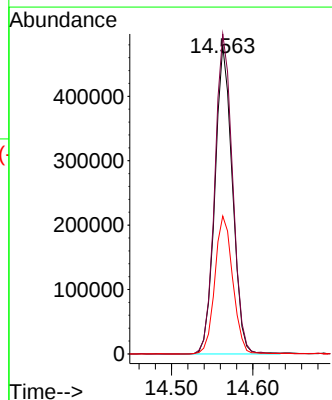
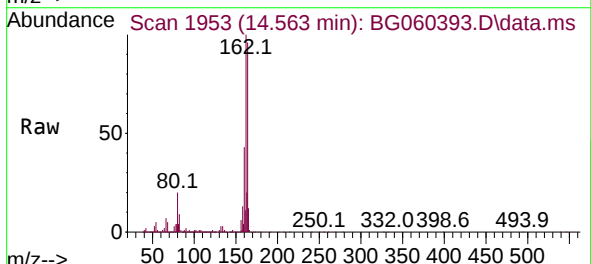
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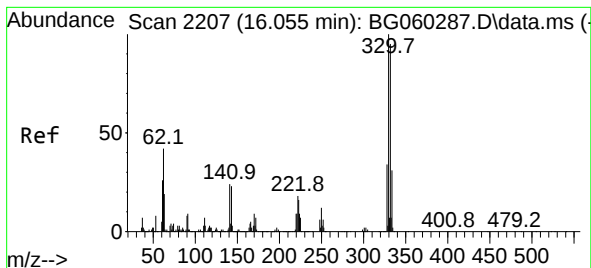
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

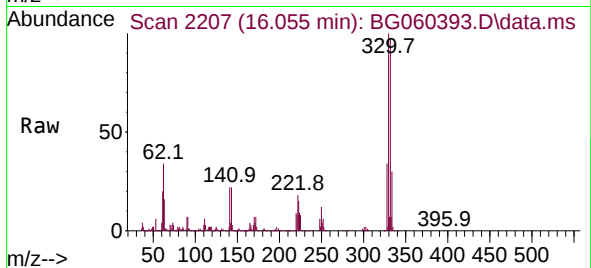
Tgt Ion:164 Resp: 713186
Ion Ratio Lower Upper
164 100
162 103.8 84.4 126.6
160 44.7 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 71.907 ng
RT: 16.055 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

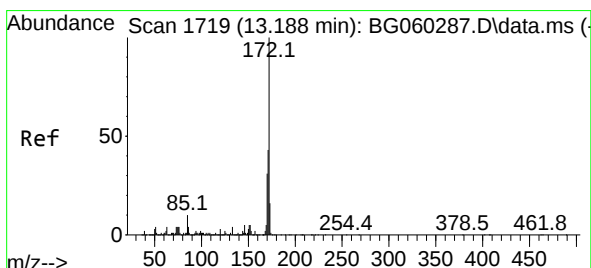
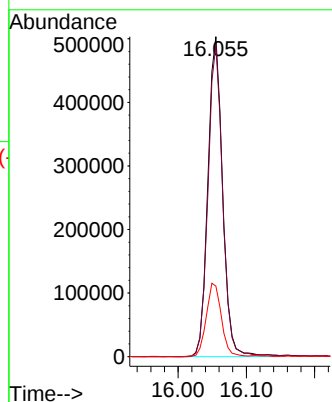
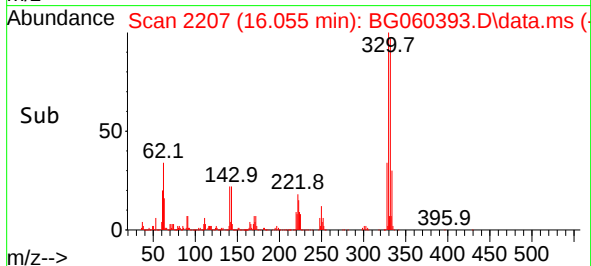
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2



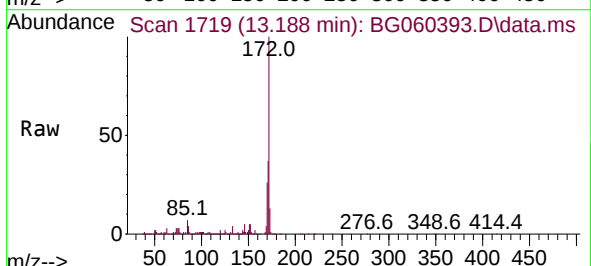
Tgt Ion:330 Resp: 754525
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.5 18.6 28.0

Manual Integrations
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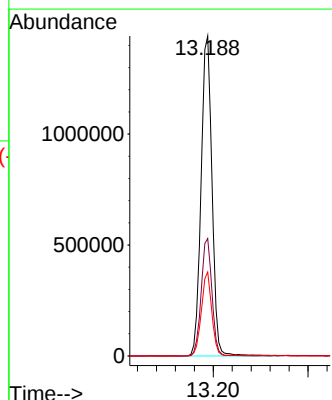
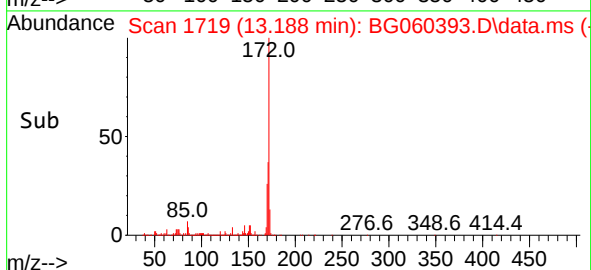
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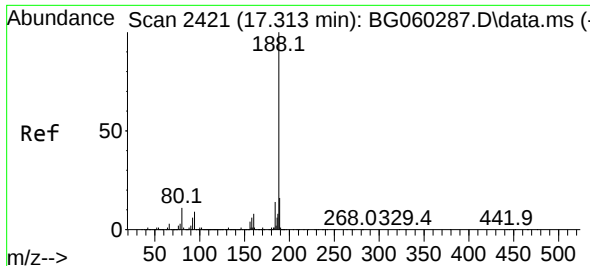


#45
2-Fluorobiphenyl
Concen: 44.942 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29



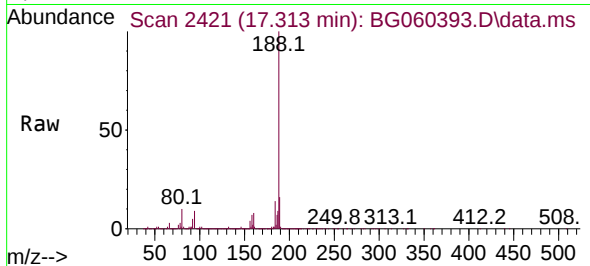
Tgt Ion:172 Resp: 2305383
Ion Ratio Lower Upper
172 100
171 36.7 34.6 51.8
170 26.2 24.4 36.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

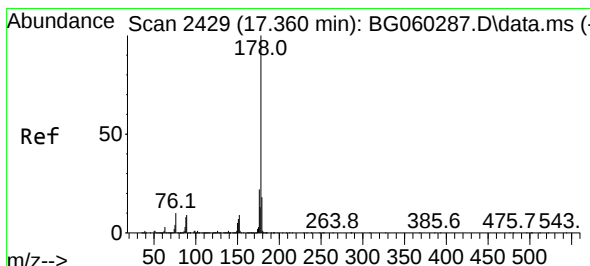
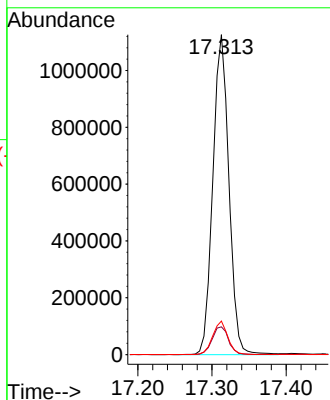
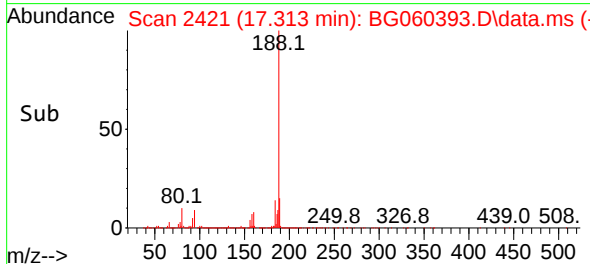
Instrument :
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ClientSampleId :
MR-305-0-2



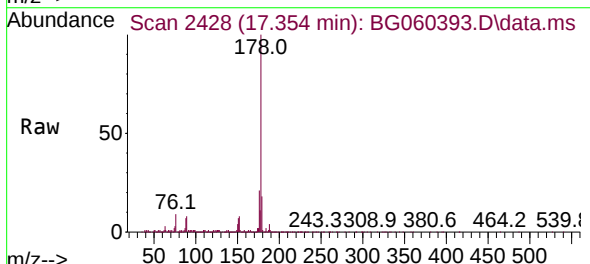
Tgt Ion:188 Resp: 169225
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 10.5 8.5 12.7

Manual Integrations
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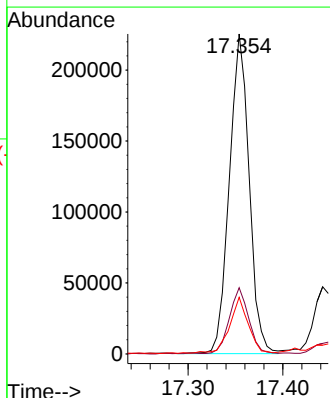
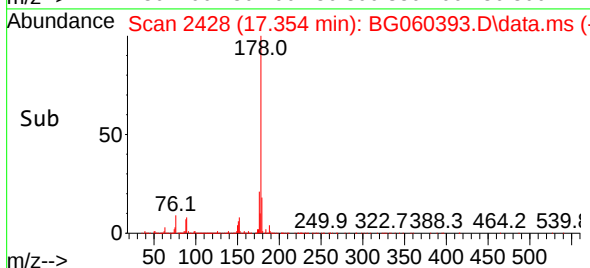
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

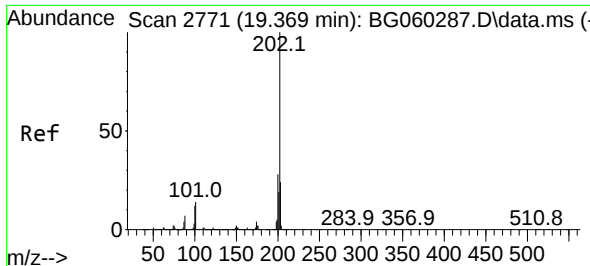


#71
Phenanthrene
Concen: 3.999 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29



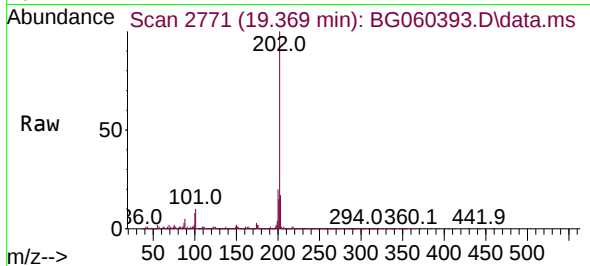
Tgt Ion:178 Resp: 327134
Ion Ratio Lower Upper
178 100
176 20.7 17.4 26.2
179 17.7 14.7 22.1





#75
Fluoranthene
Concen: 8.229 ng
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

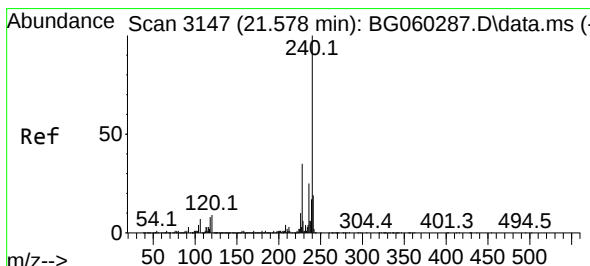
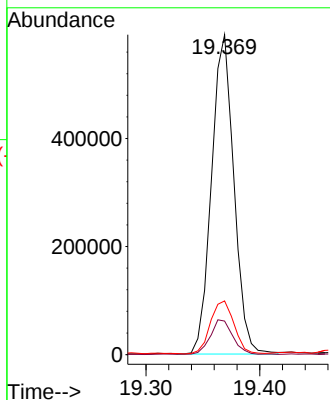
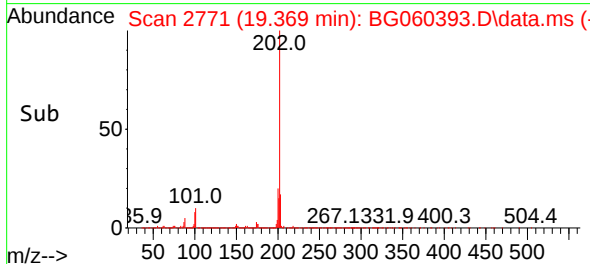
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2



Tgt Ion:202 Resp: 808489
Ion Ratio Lower Upper
202 100
101 10.5 0.0 34.4
203 16.8 4.0 44.0

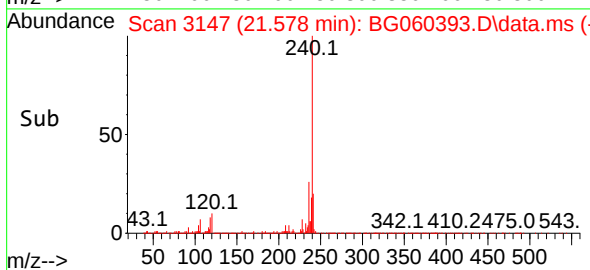
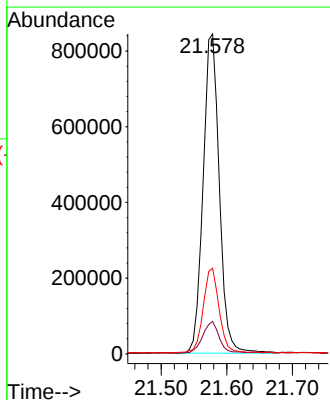
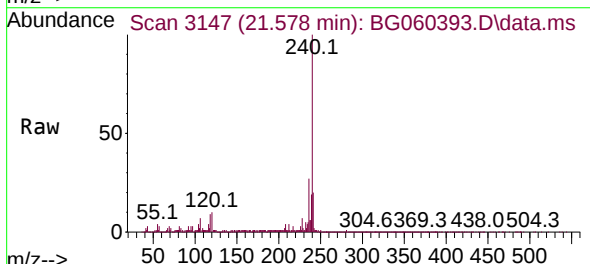
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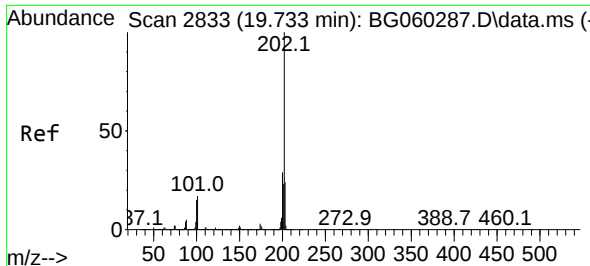
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Tgt Ion:240 Resp: 1441979
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.8 20.3 30.5





#78
 Pyrene
 Concen: 8.299 ng
 RT: 19.728 min Scan# 2833
 Delta R.T. -0.006 min
 Lab File: BG060393.D
 Acq: 22 Jan 2024 20:29

Instrument :

BNA_G

ClientSampleId :

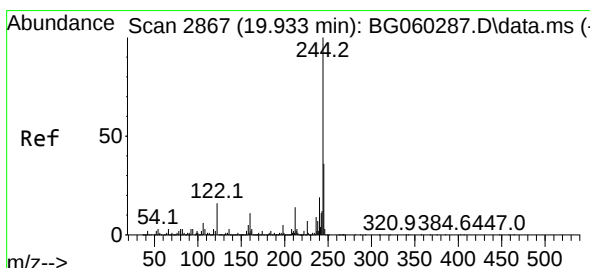
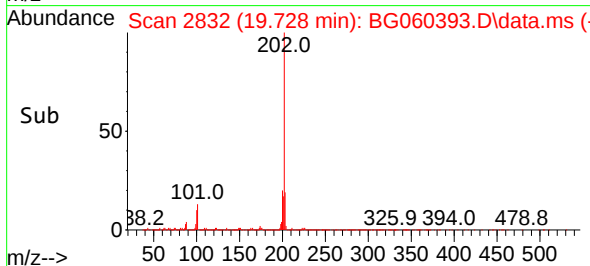
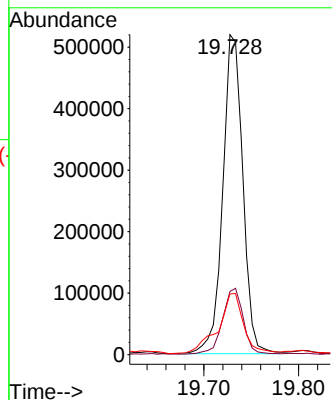
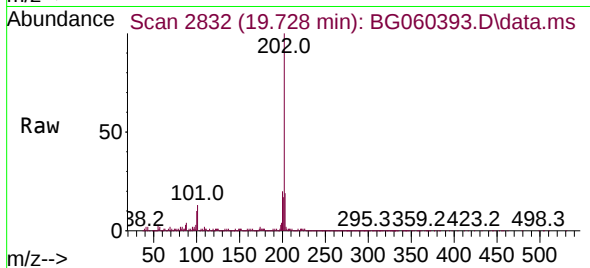
MR-305-0-2

Tgt Ion:202 Resp: 764221
 Ion Ratio Lower Upper
 202 100
 200 19.7 23.5 35.3#
 203 19.0 19.6 29.4#

Manual Integrations

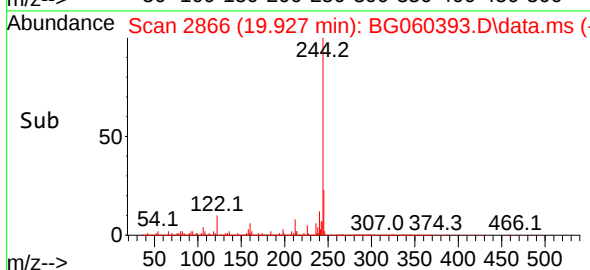
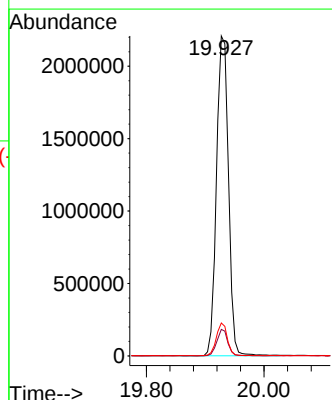
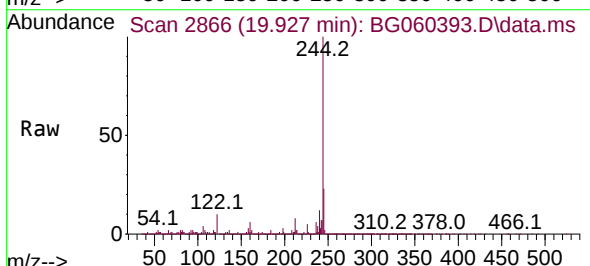
APPROVED

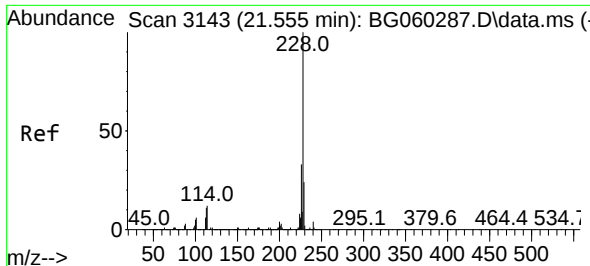
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024



#79
 Terphenyl-d14
 Concen: 45.489 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG060393.D
 Acq: 22 Jan 2024 20:29

Tgt Ion:244 Resp: 3119791
 Ion Ratio Lower Upper
 244 100
 212 8.3 10.9 16.3#
 122 10.3 12.6 18.8#





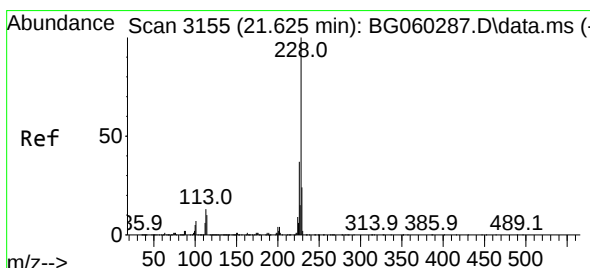
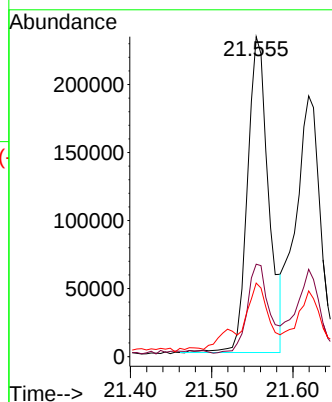
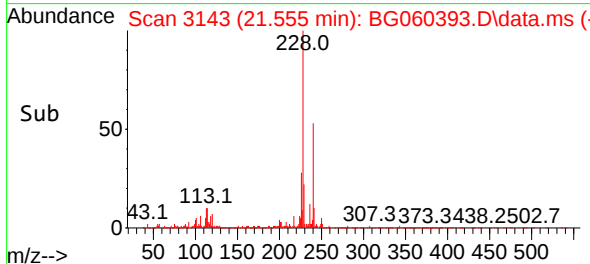
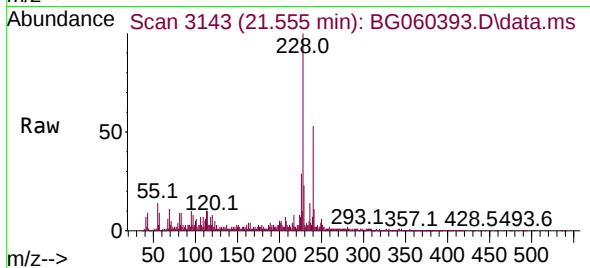
#81
Benzo(a)anthracene
Concen: 4.676 ng
RT: 21.555 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Instrument :
BNA_G
ClientSampleId :
MR-305-0-2

Tgt Ion:228 Resp: 417382
Ion Ratio Lower Upper
228 100
226 28.9 26.2 39.2
229 23.0 19.4 29.2

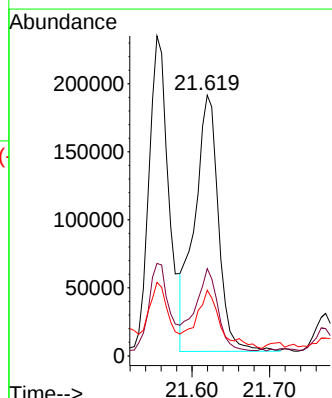
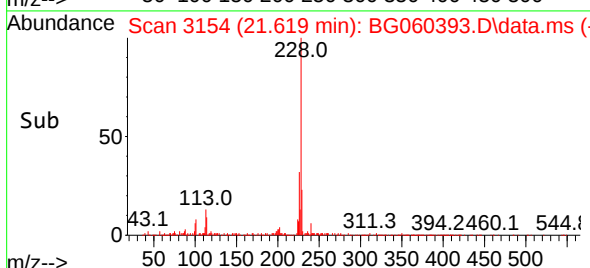
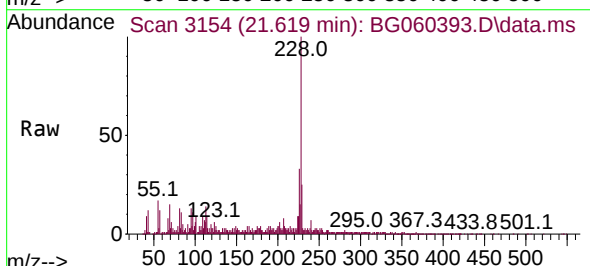
Manual Integrations
APPROVED

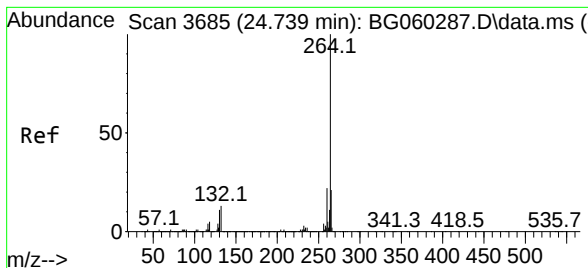
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#83
Chrysene
Concen: 4.621 ng
RT: 21.619 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Tgt Ion:228 Resp: 405701
Ion Ratio Lower Upper
228 100
226 33.5 29.4 44.2
229 25.2 19.2 28.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.751 min Scan# 3687
Delta R.T. 0.012 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Instrument :

BNA_G

ClientSampleId :

MR-305-0-2

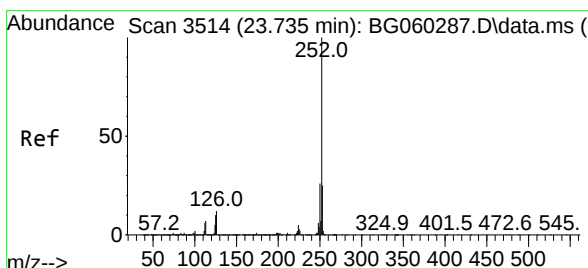
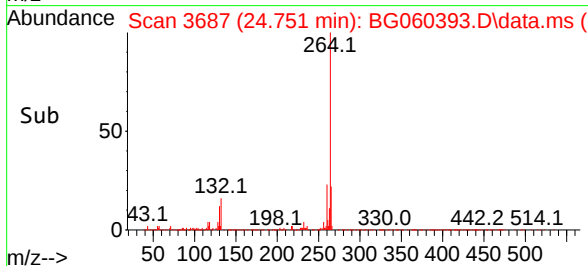
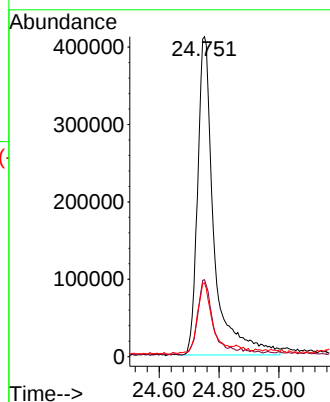
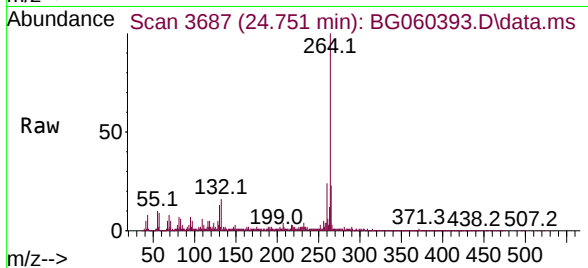
Tgt Ion:264 Resp: 1569946

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.8	26.6
265	23.0	16.8	25.2

Manual Integrations

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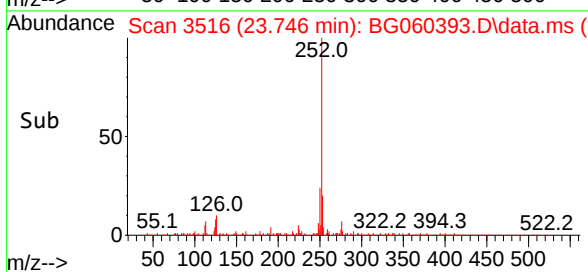
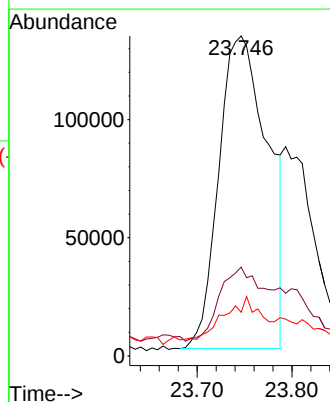
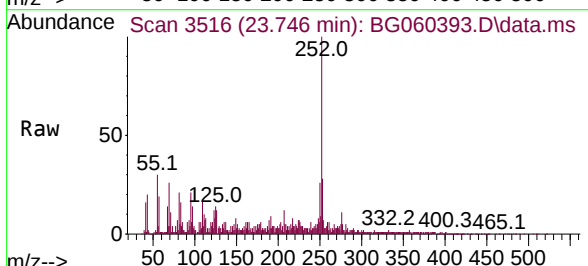
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

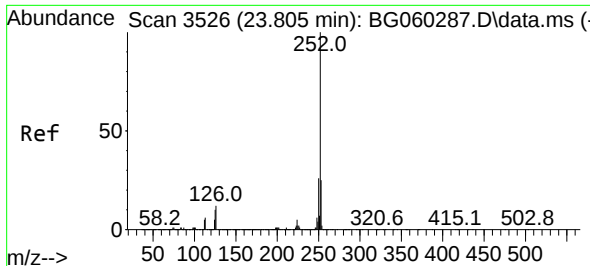


#88
Benzo(b)fluoranthene
Concen: 5.133 ng
RT: 23.746 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Tgt Ion:252 Resp: 476049

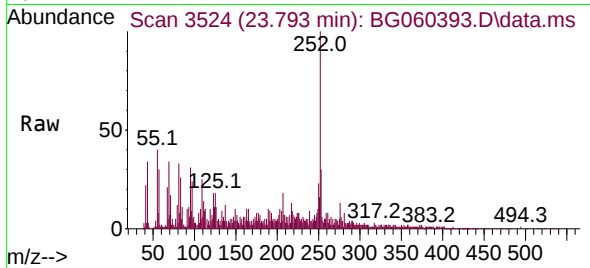
Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.0	30.0
125	13.6	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 2.008 ng m
RT: 23.793 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

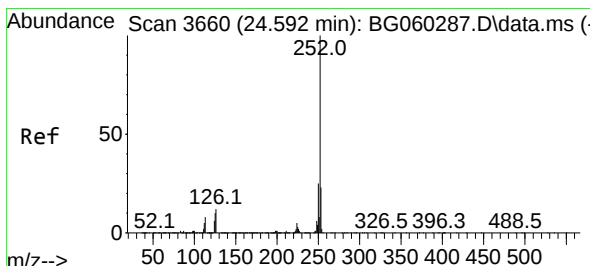
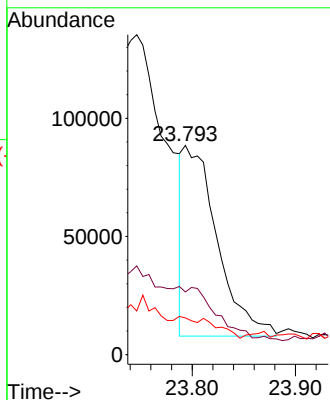
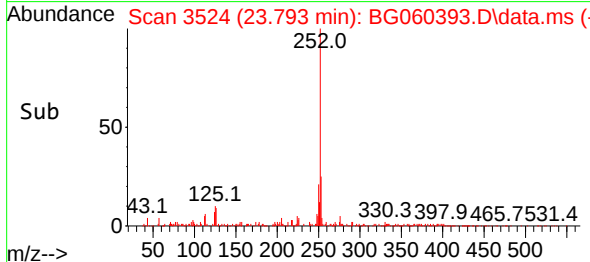
Instrument :
BNA_G
ClientSampleId :
MR-305-0-2



Tgt Ion:252 Resp: 183801
Ion Ratio Lower Upper
252 100
253 29.9 19.6 29.4
125 17.6 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#90
Benzo(a)pyrene
Concen: 4.189 ng
RT: 24.598 min Scan# 3661
Delta R.T. 0.006 min
Lab File: BG060393.D
Acq: 22 Jan 2024 20:29

Tgt Ion:252 Resp: 350973
Ion Ratio Lower Upper
252 100
253 26.8 18.1 27.1
125 15.8 8.1 12.1

