

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060695.D
 Acq On : 20 Mar 2024 17:18
 Operator : MA/JU
 Sample : P1804-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-03192024-B

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
 Supervised By :Sohil Jodhani 03/21/2024

Quant Time: Mar 20 18:09:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	108941	20.000	ng	0.00
21) Naphthalene-d8	11.141	136	454058	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	288352	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	595530	20.000	ng	0.00
76) Chrysene-d12	21.993	240	571186	20.000	ng	0.00
86) Perylene-d12	25.535	264	664122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	291209	42.021	ng	0.00
7) Phenol-d6	7.410	99	403494	40.137	ng	0.00
23) Nitrobenzene-d5	9.490	82	250704	28.735	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	155798	46.627	ng	0.00
45) 2-Fluorobiphenyl	13.549	172	575882	27.002	ng	0.00
79) Terphenyl-d14	20.253	244	873251	27.634	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.715	178	72487	2.260	ng	95
75) Fluoranthene	19.713	202	294634	8.303	ng	96
78) Pyrene	20.071	202	309777	7.771	ng	98
81) Benzo(a)anthracene	21.969	228	207698m	5.281	ng	
83) Chrysene	22.040	228	188496	4.936	ng	97
88) Benzo(b)fluoranthene	24.390	252	240744	6.589	ng	# 88
89) Benzo(k)fluoranthene	24.460	252	94780m	2.469	ng	
90) Benzo(a)pyrene	25.365	252	169251	4.725	ng	# 91
92) Benzo(g,h,i)perylene	30.941	276	78092m	2.097	ng	

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

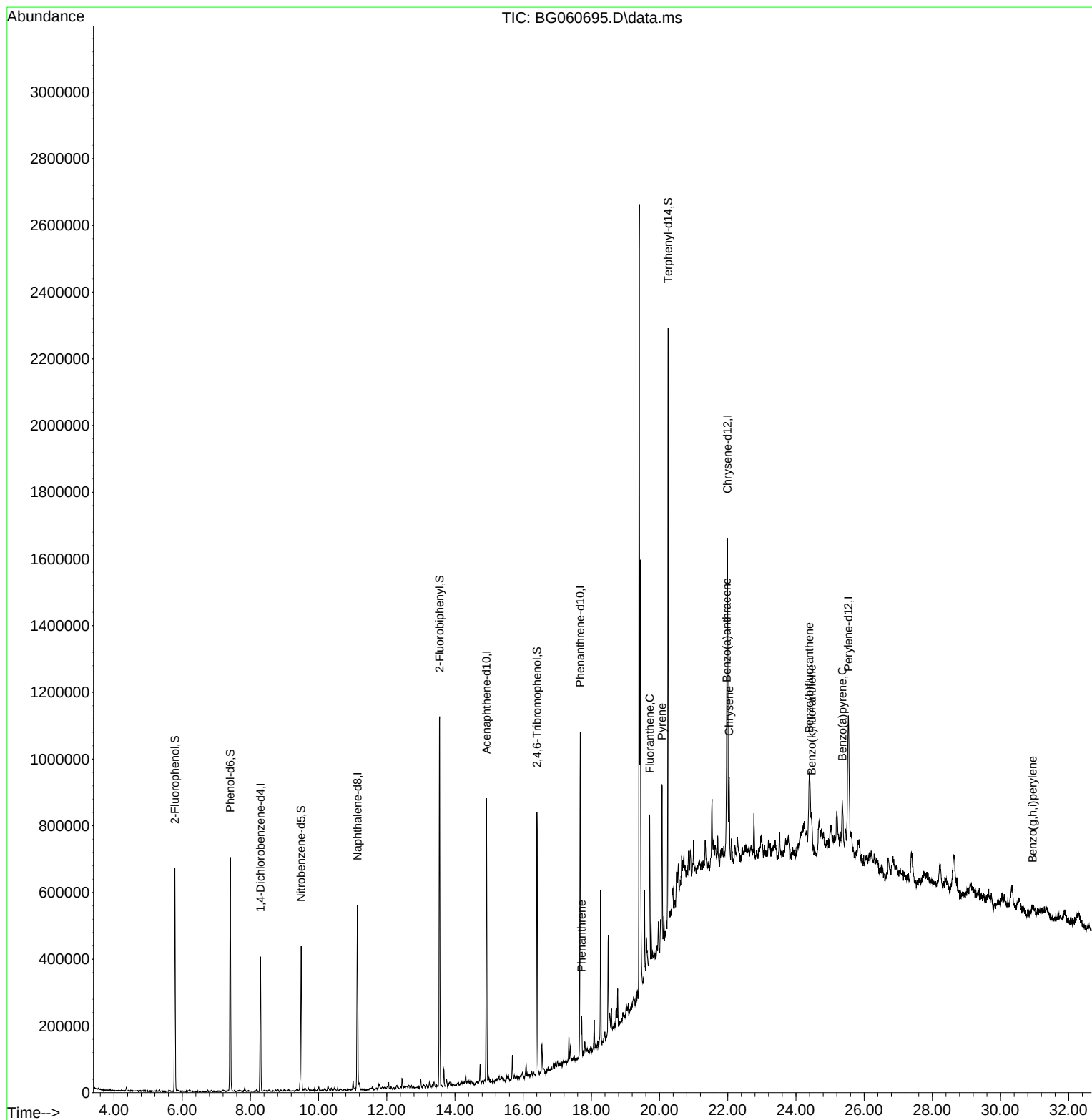
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060695.D
Acq On : 20 Mar 2024 17:18
Operator : MA/JU
Sample : P1804-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

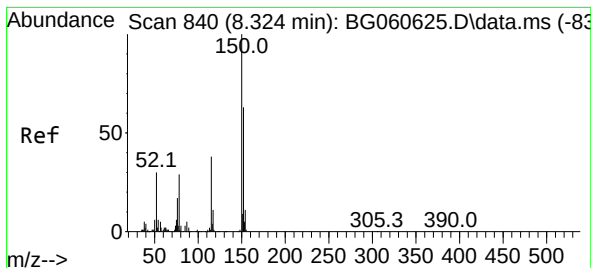
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

Quant Time: Mar 20 18:09:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

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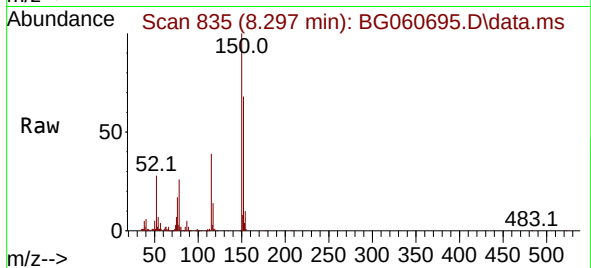
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.297 min Scan# 81
Delta R.T. 0.009 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

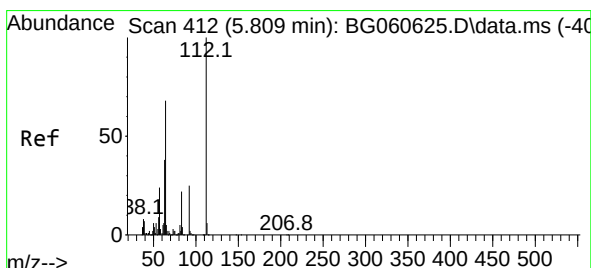
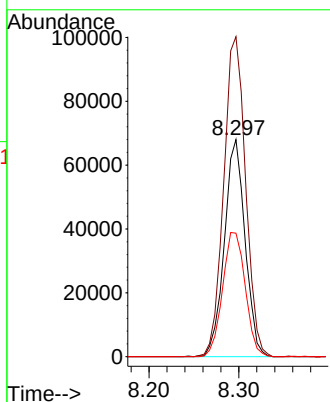
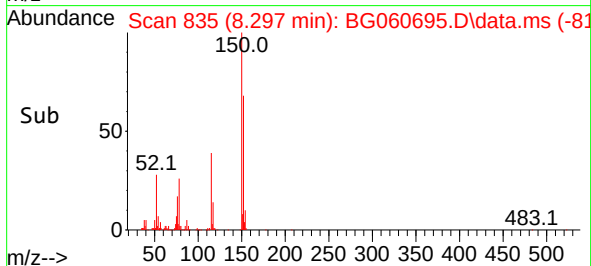
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:152 Resp: 10894
Ion Ratio Lower Upper
152 100
150 147.4 126.6 190.0
115 56.9 47.8 71.8

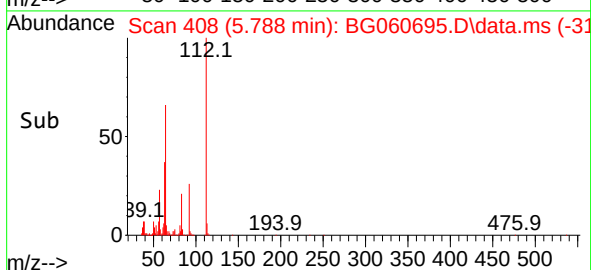
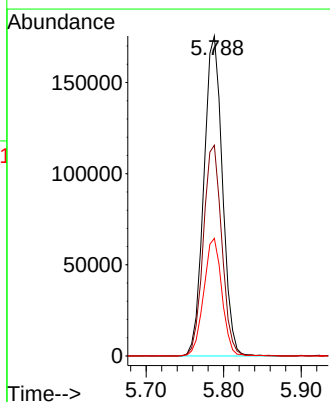
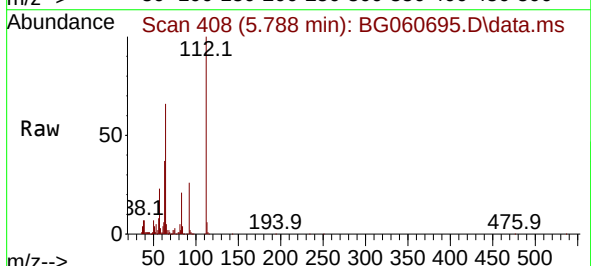
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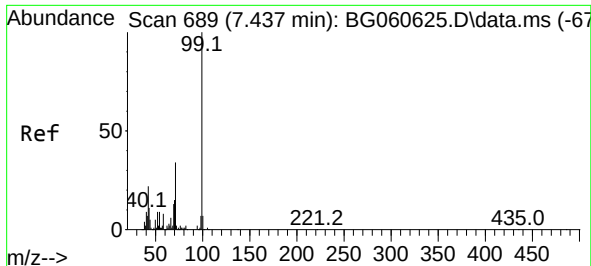
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#5
2-Fluorophenol
Concen: 42.021 ng
RT: 5.788 min Scan# 408
Delta R.T. 0.009 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

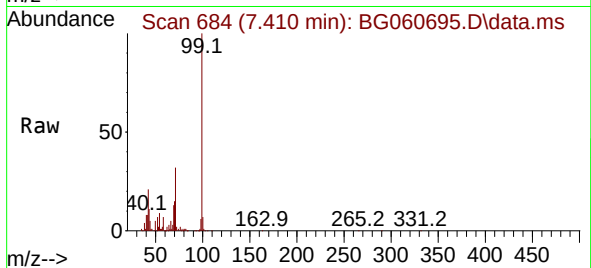
Tgt Ion:112 Resp: 291209
Ion Ratio Lower Upper
112 100
64 65.9 54.1 81.1
63 36.7 30.3 45.5





#7
Phenol-d6
Concen: 40.137 ng
RT: 7.410 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

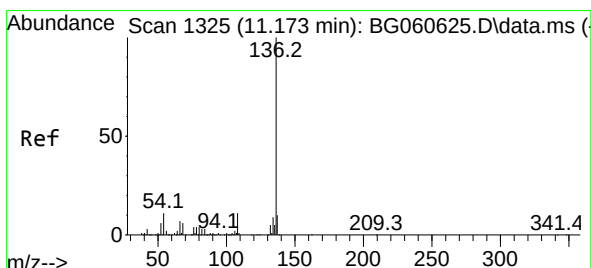
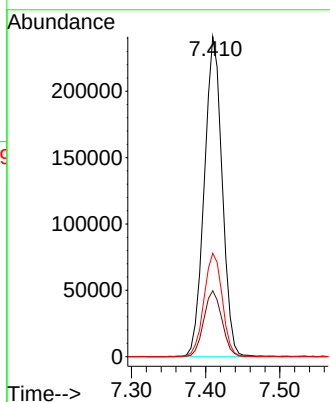
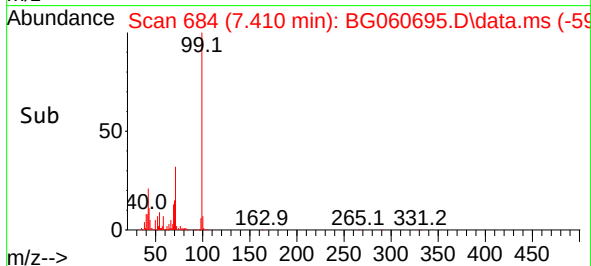
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion: 99 Resp: 403494
Ion Ratio Lower Upper
99 100
42 20.6 17.5 26.3
71 32.3 27.4 41.0

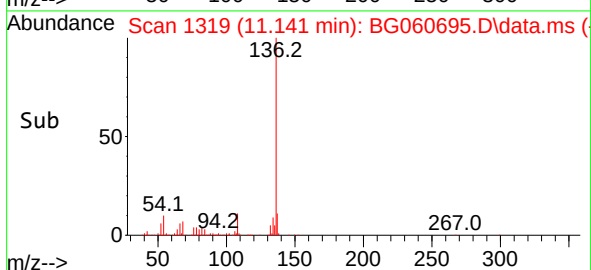
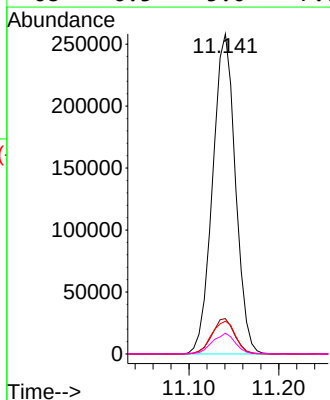
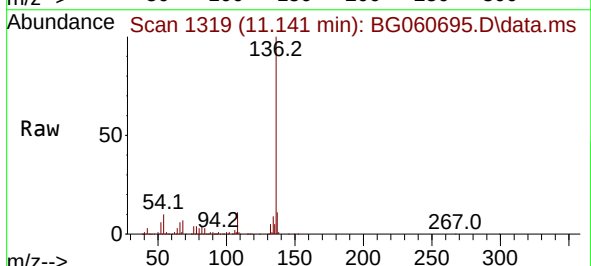
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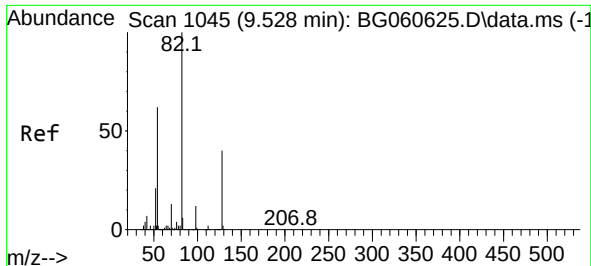
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.141 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:136 Resp: 454058
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.2 8.5 12.7
68 6.5 5.0 7.6





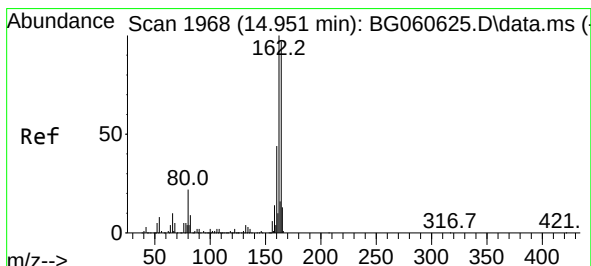
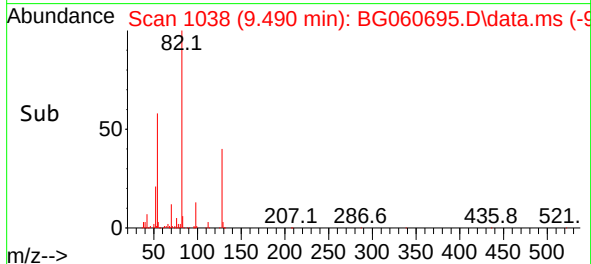
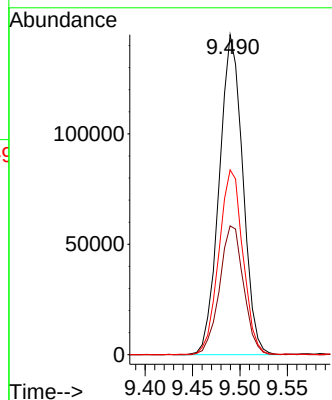
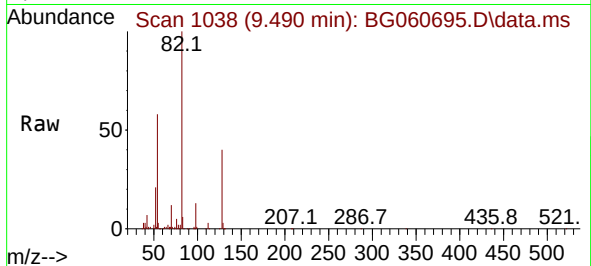
#23
Nitrobenzene-d5
Concen: 28.735 ng
RT: 9.490 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

Tgt Ion: 82 Resp: 250704
Ion Ratio Lower Upper
82 100
128 40.3 31.6 47.4
54 57.7 49.3 73.9

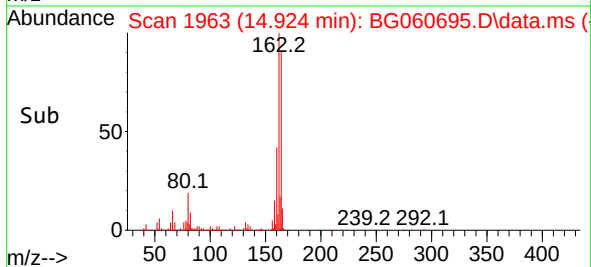
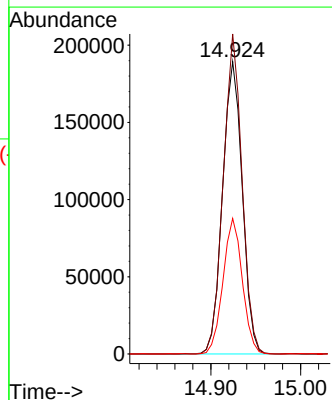
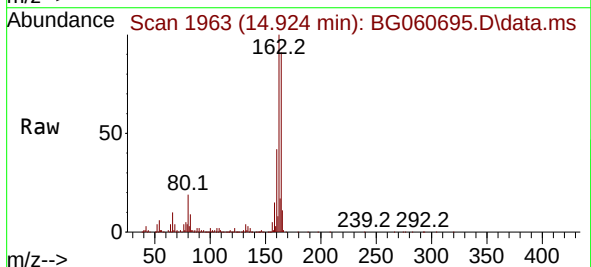
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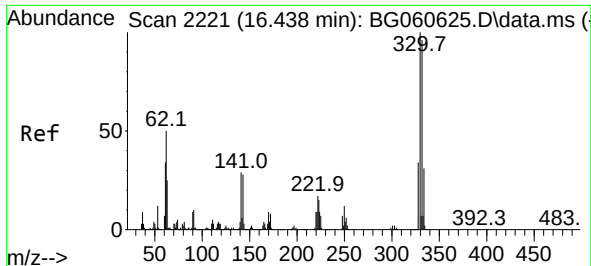
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1963
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:164 Resp: 288352
Ion Ratio Lower Upper
164 100
162 109.5 82.5 123.7
160 46.4 36.4 54.6





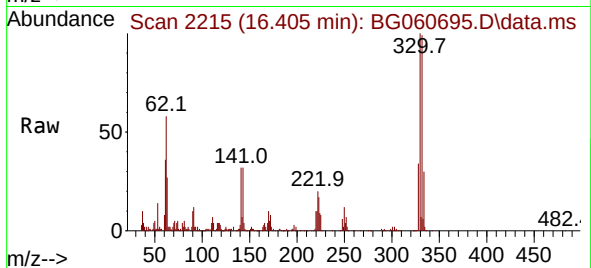
#42
2,4,6-Tribromophenol
Concen: 46.627 ng
RT: 16.405 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Instrument :

BNA_G

ClientSampleId :

JC-03-03192024-B

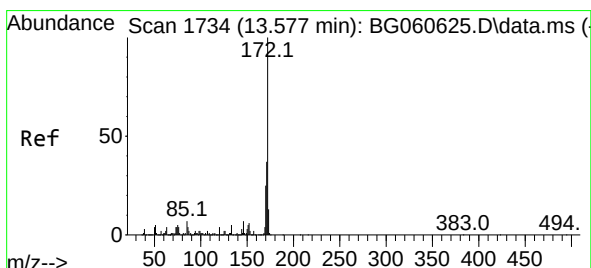
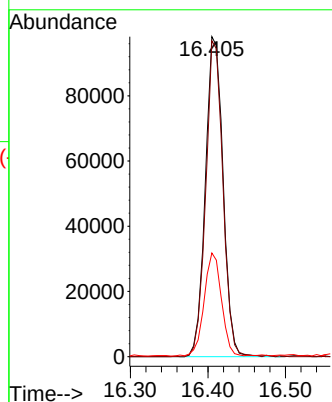
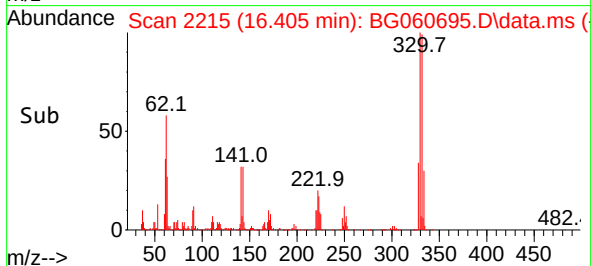


Tgt Ion:330 Resp: 155798
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 31.5 25.4 38.2

Manual Integrations

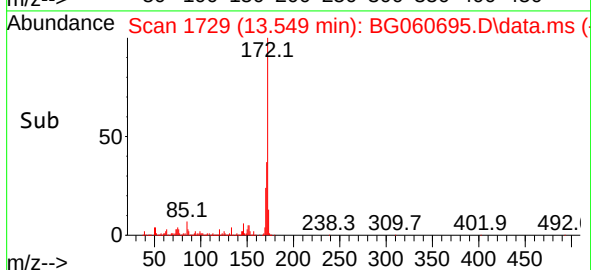
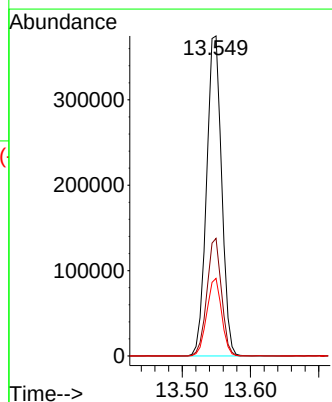
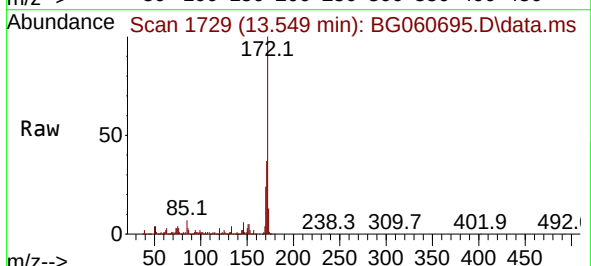
APPROVED

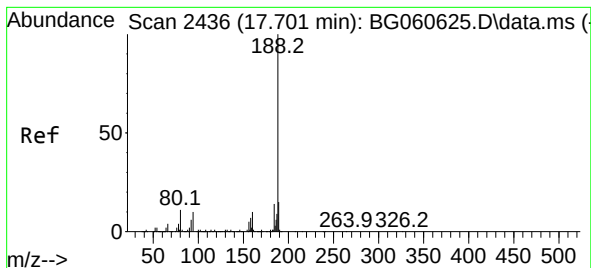
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#45
2-Fluorobiphenyl
Concen: 27.002 ng
RT: 13.549 min Scan# 1729
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Tgt Ion:172 Resp: 575882
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.2 19.8 29.6





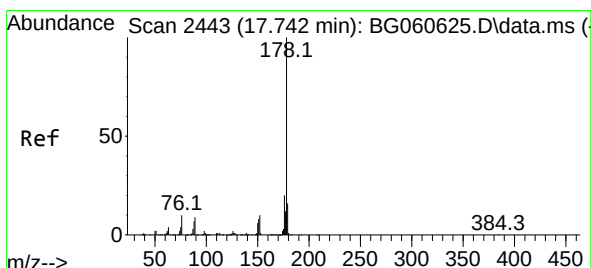
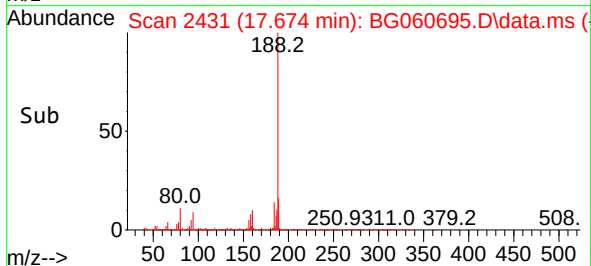
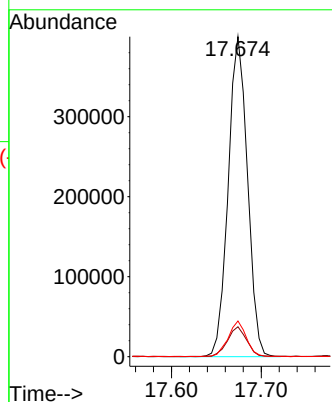
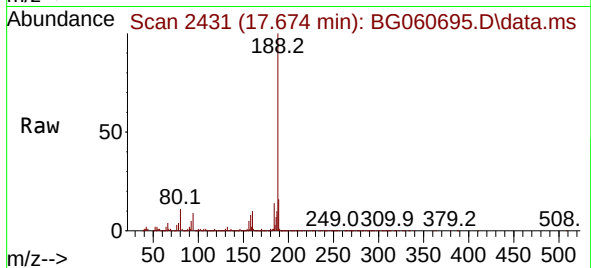
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.674 min Scan# 2431
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B

Tgt Ion:188 Resp: 595530
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 11.2 8.6 13.0

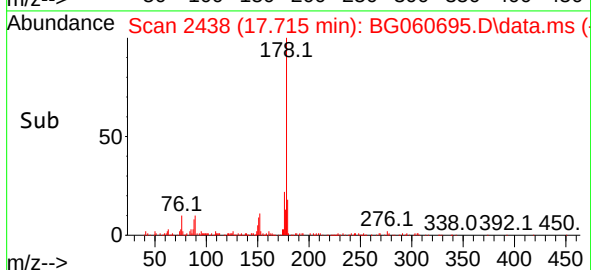
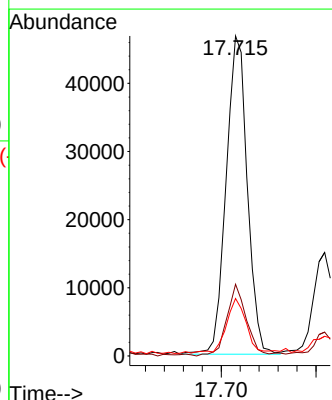
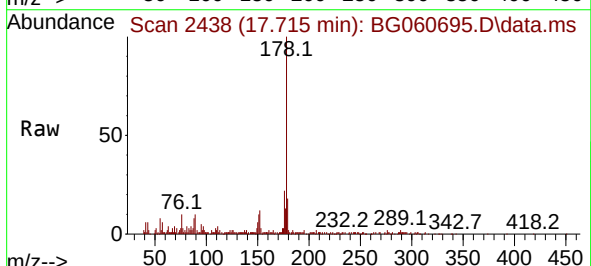
Manual Integrations
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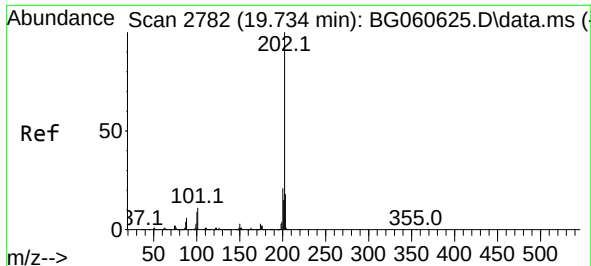
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#71
Phenanthrene
Concen: 2.260 ng
RT: 17.715 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

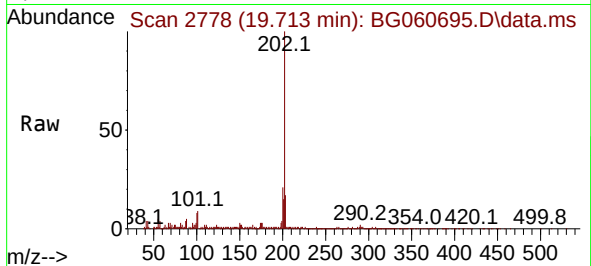
Tgt Ion:178 Resp: 72487
Ion Ratio Lower Upper
178 100
176 22.4 16.1 24.1
179 18.0 12.9 19.3





#75
Fluoranthene
Concen: 8.303 ng
RT: 19.713 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

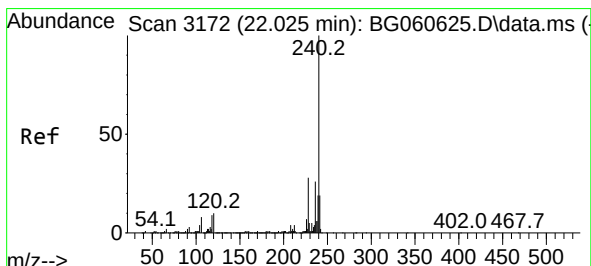
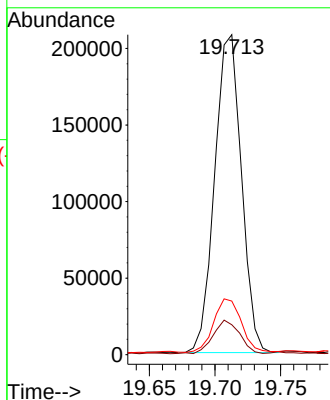
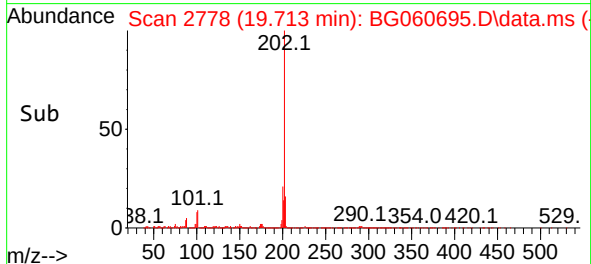
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:202 Resp: 294634
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.2
203 16.8 0.0 38.0

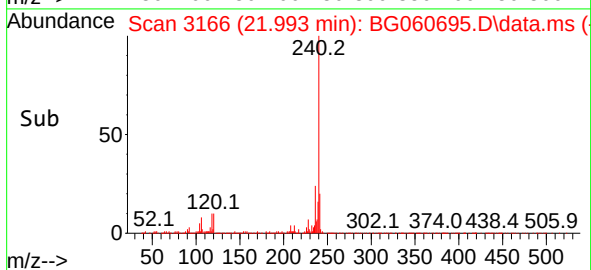
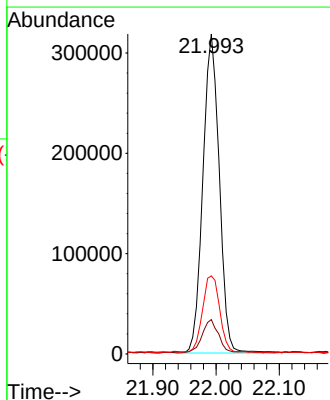
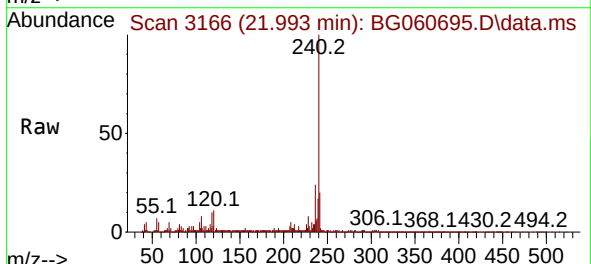
Manual Integrations
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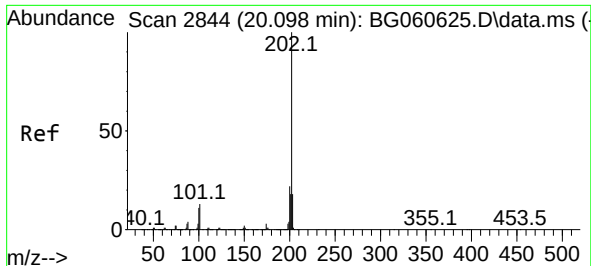
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.993 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

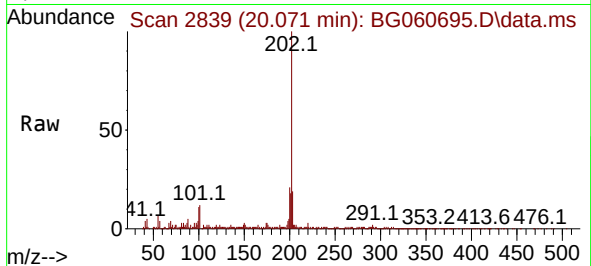
Tgt Ion:240 Resp: 571186
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.8
236 24.4 20.6 31.0





#78
Pyrene
Concen: 7.771 ng
RT: 20.071 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

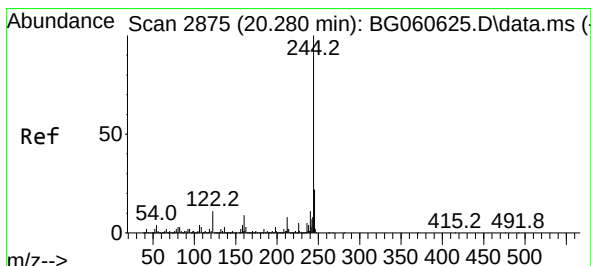
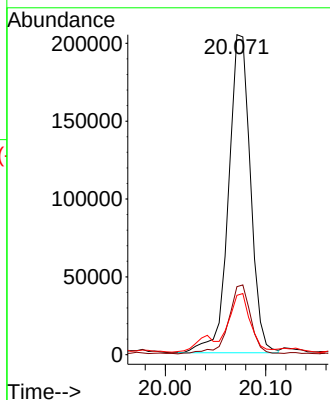
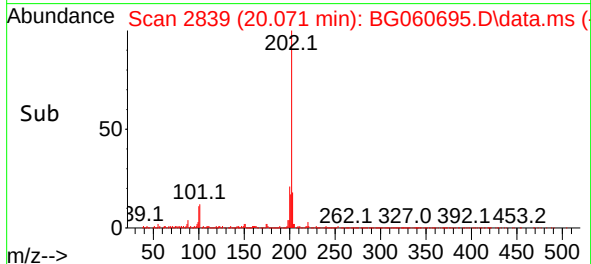
Instrument :
BNA_G
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JC-03-03192024-B



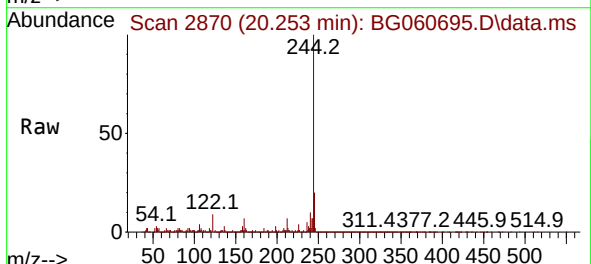
Tgt Ion:202 Resp: 309777
Ion Ratio Lower Upper
202 100
200 21.2 17.9 26.9
203 18.6 14.3 21.5

Manual Integrations
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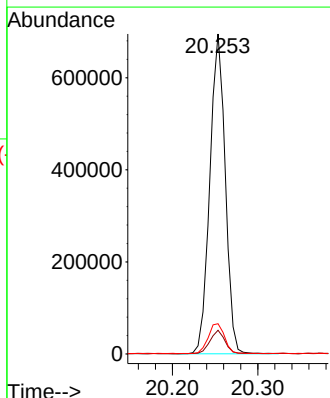
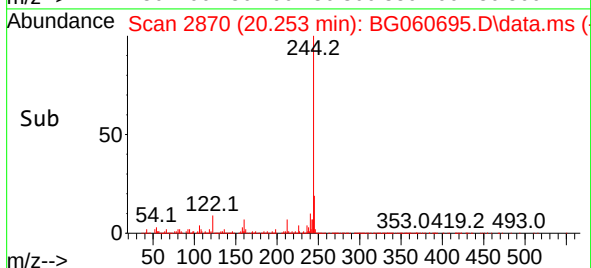
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

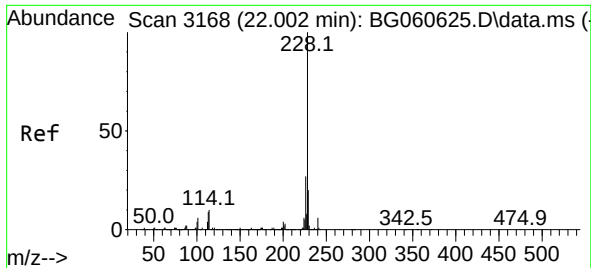


#79
Terphenyl-d14
Concen: 27.634 ng
RT: 20.253 min Scan# 2870
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18



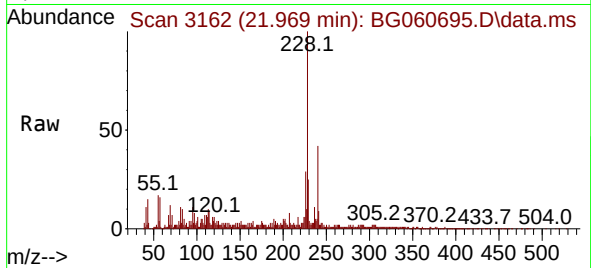
Tgt Ion:244 Resp: 873251
Ion Ratio Lower Upper
244 100
212 7.4 6.6 9.8
122 9.4 8.5 12.7





#81
Benzo(a)anthracene
Concen: 5.281 ng m
RT: 21.969 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

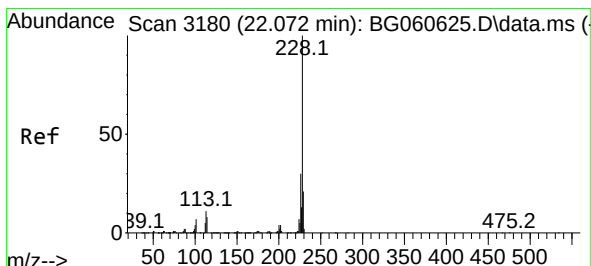
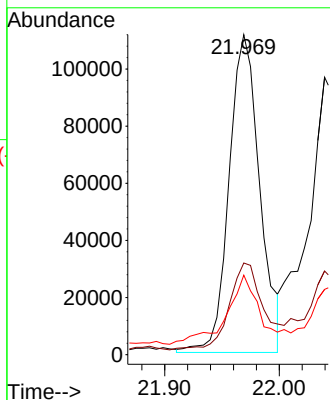
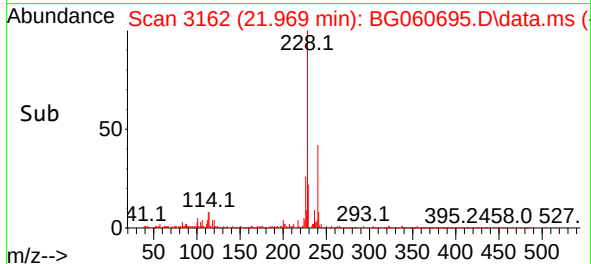
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:228 Resp: 207698
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.8
229 24.8 15.8 23.6

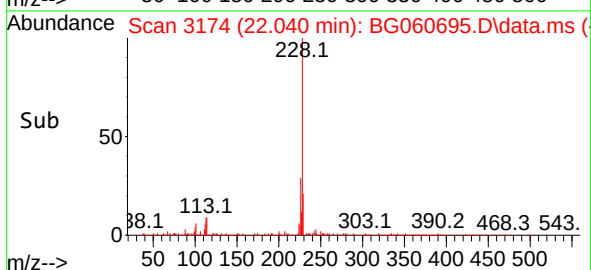
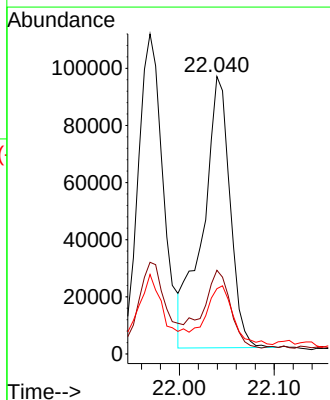
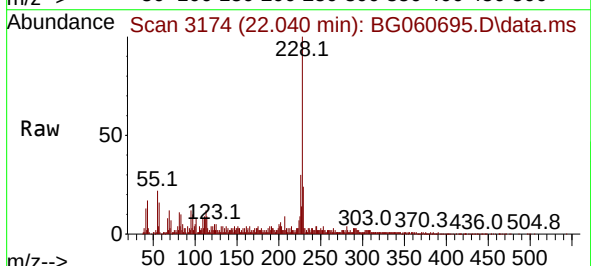
Manual Integrations
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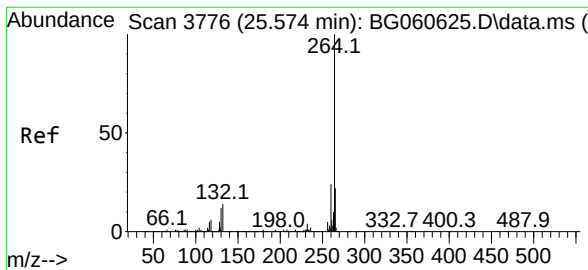
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#83
Chrysene
Concen: 4.936 ng
RT: 22.040 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

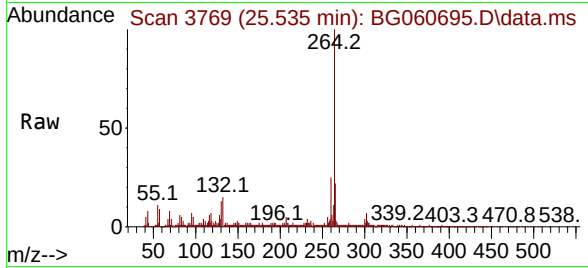
Tgt Ion:228 Resp: 188496
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 23.5 16.4 24.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.535 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

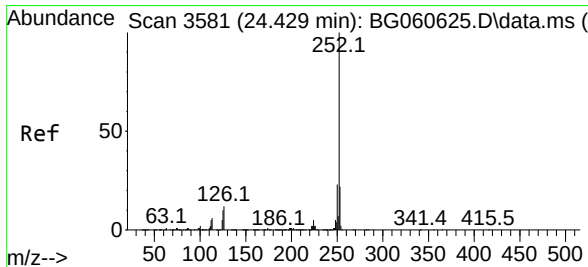
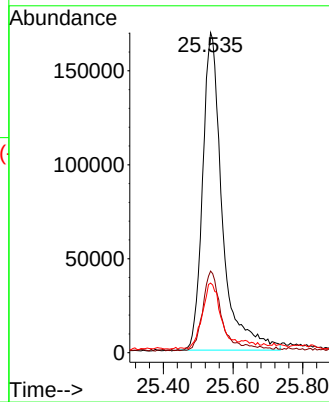
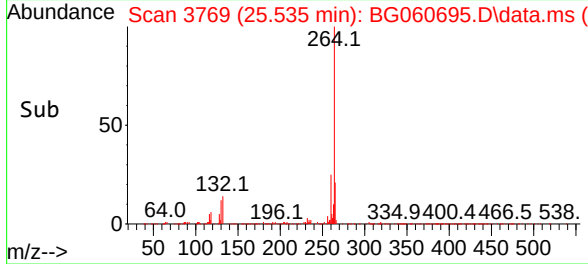
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:264 Resp: 66412
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 21.7 18.1 27.1

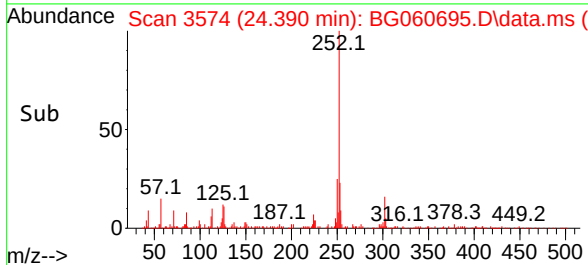
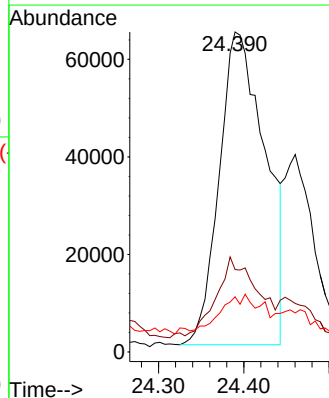
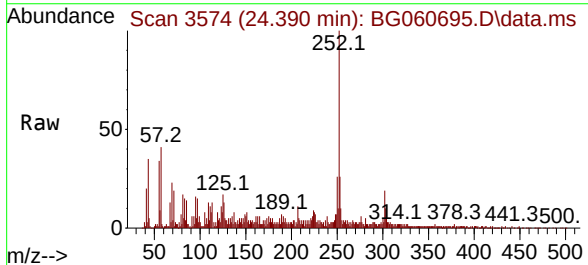
Manual Integrations
APPROVED

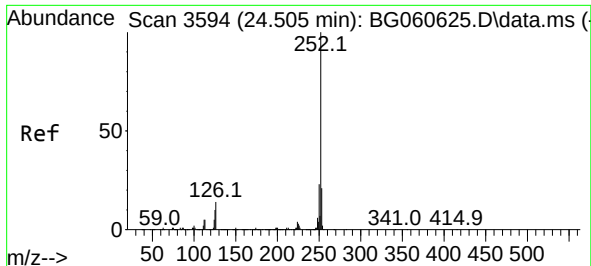
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#88
Benzo(b)fluoranthene
Concen: 6.589 ng
RT: 24.390 min Scan# 3574
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

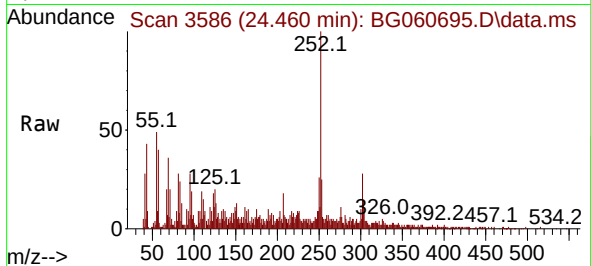
Tgt Ion:252 Resp: 240744
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 17.3 7.8 11.6#





#89
Benzo(k)fluoranthene
Concen: 2.469 ng m
RT: 24.460 min Scan# 3586
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

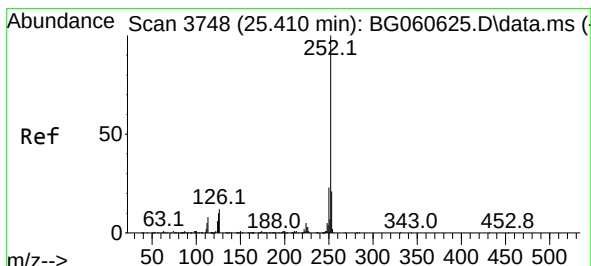
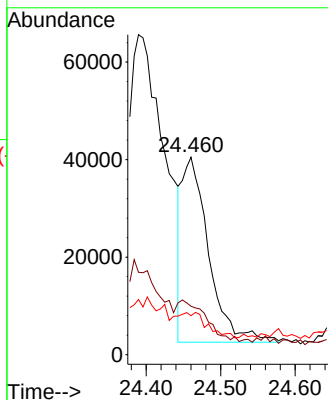
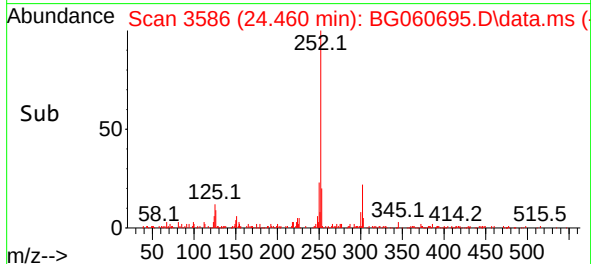
Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:252 Resp: 94780
Ion Ratio Lower Upper
252 100
253 24.6 17.1 25.7
125 19.8 8.0 12.0

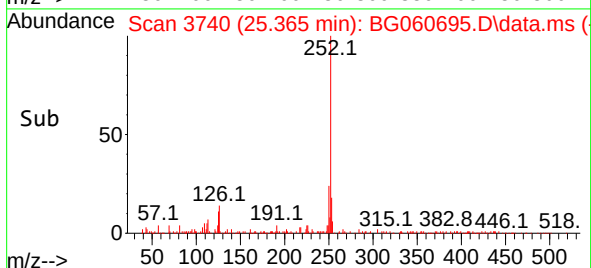
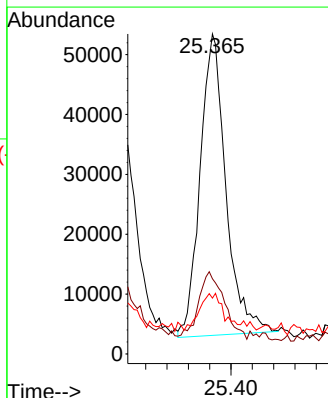
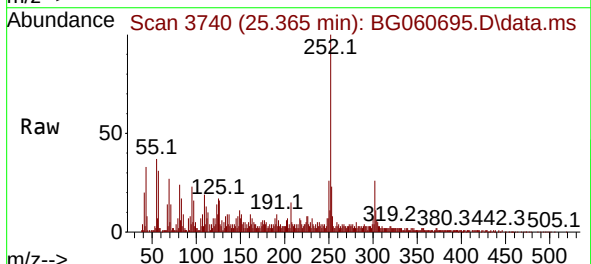
Manual Integrations
APPROVED

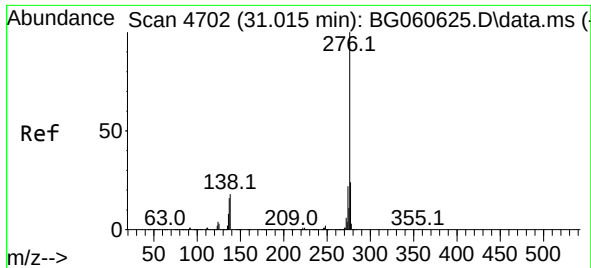
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024



#90
Benzo(a)pyrene
Concen: 4.725 ng
RT: 25.365 min Scan# 3740
Delta R.T. 0.009 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

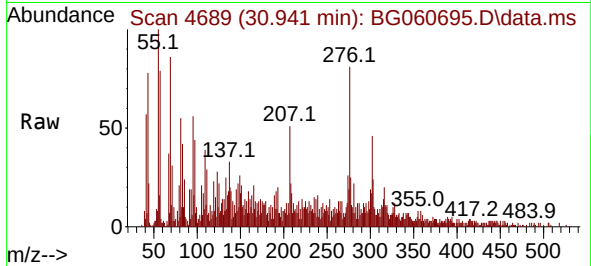
Tgt Ion:252 Resp: 169251
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 17.4 8.2 12.2





#92
Benzo(g,h,i)perylene
Concen: 2.097 ng m
RT: 30.941 min Scan# 40
Delta R.T. 0.003 min
Lab File: BG060695.D
Acq: 20 Mar 2024 17:18

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-B



Tgt Ion:276 Resp: 78092
Ion Ratio Lower Upper
276 100
277 30.6 19.0 28.4
138 24.9 14.4 21.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

