

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057550.D
 Acq On : 25 May 2023 1:47
 Operator : CG/JU
 Sample : 02899-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 03:43:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	23488	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	94130	20.000	ng	#-0.01
39) Acenaphthene-d10	14.975	164	66542	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	145742	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	124849	20.000	ng	-0.02
86) Perylene-d12	25.531	264	130624	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	19923	14.510	ng	0.00
7) Phenol-d6	7.509	99	29387	14.094	ng	0.00
23) Nitrobenzene-d5	9.535	82	18295	8.157	ng	-0.01
42) 2,4,6-Tribromophenol	16.455	330	13276	14.061	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	49422	10.003	ng	-0.01
79) Terphenyl-d14	20.280	244	77625	10.146	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.745	202	28078	3.023	ng	98
78) Pyrene	20.103	202	27679	3.051	ng	97
83) Chrysene	22.071	228	17529m	2.094	ng	
88) Benzo(b)fluoranthene	24.409	252	25277	2.960	ng	# 58
90) Benzo(a)pyrene	25.373	252	21179	2.539	ng	# 70

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

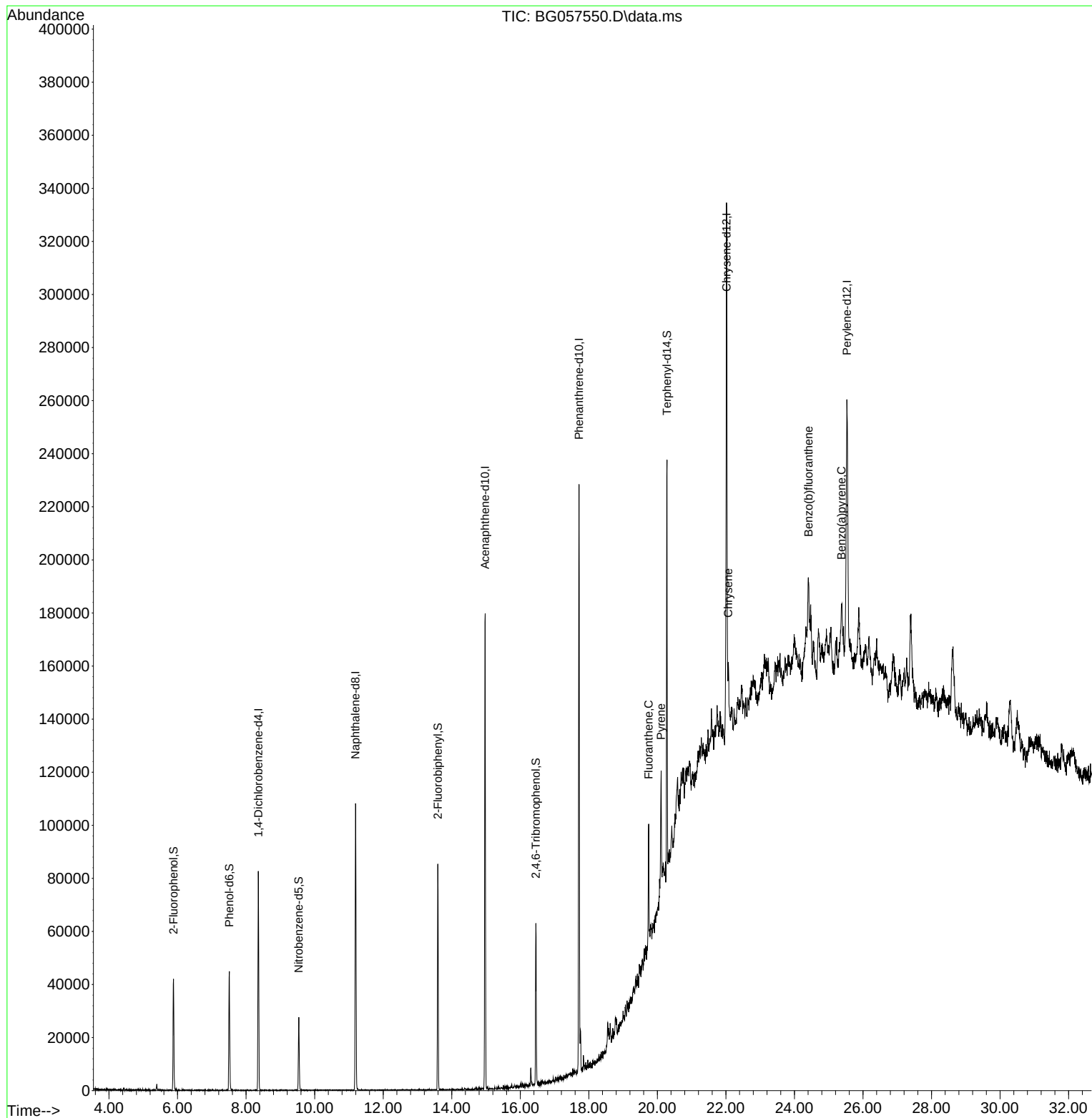
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057550.D
Acq On : 25 May 2023 1:47
Operator : CG/JU
Sample : 02899-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

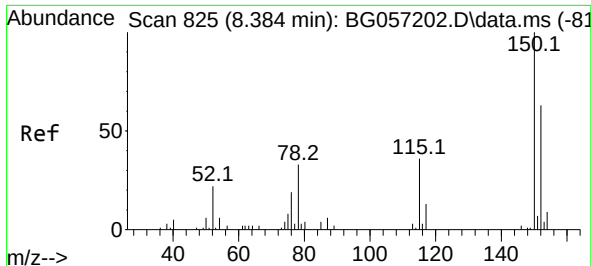
Instrument :
BNA_G
ClientSampleId :
SB01

Quant Time: May 25 03:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
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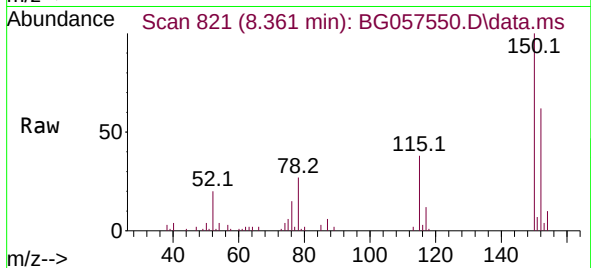
Reviewed By : Christian Giraldo 05/25/2023
Supervised By : Jagrut Upadhyay 05/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

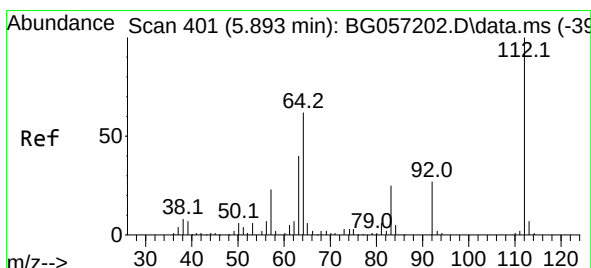
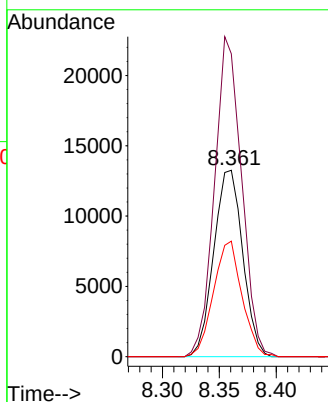
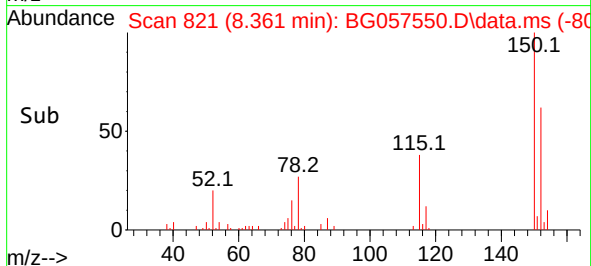
Instrument :
BNA_G
ClientSampleId :
SB01



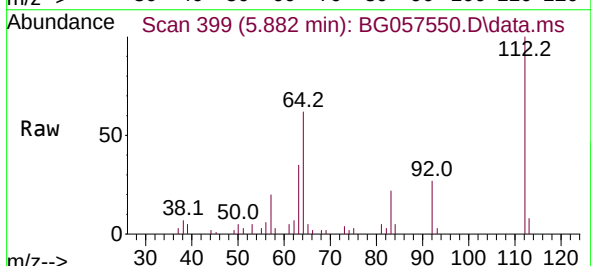
Tgt Ion:152 Resp: 2348
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.4
115 61.9 45.0 67.4

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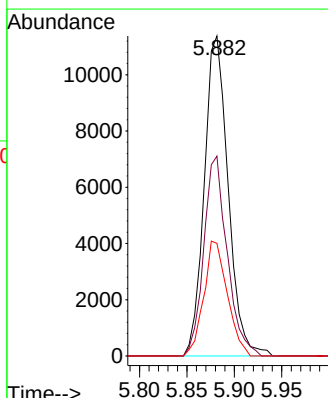
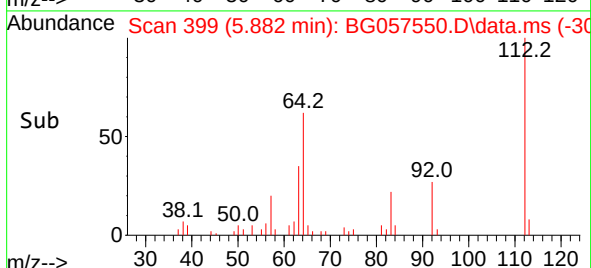
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

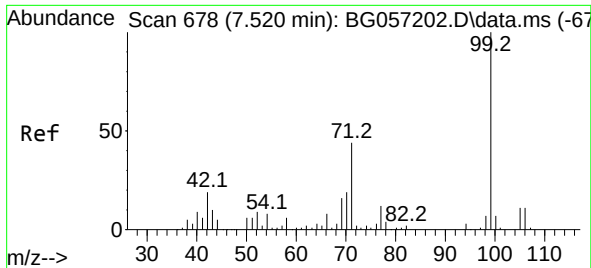


#5
2-Fluorophenol
Concen: 14.510 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.007 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47



Tgt Ion:112 Resp: 19923
Ion Ratio Lower Upper
112 100
64 62.5 49.4 74.2
63 35.2 31.6 47.4





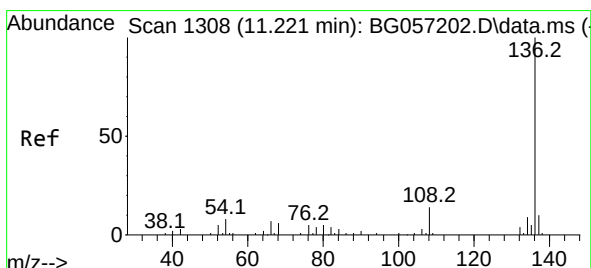
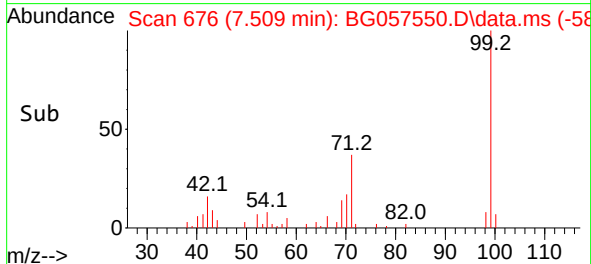
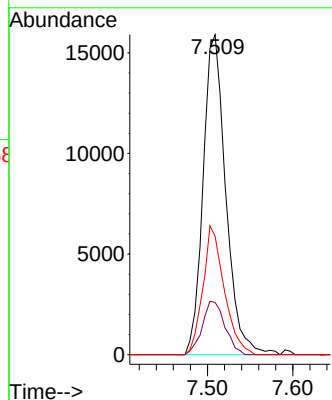
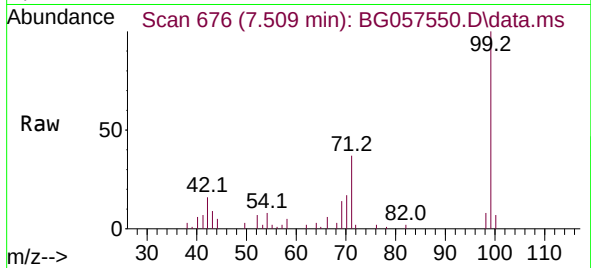
#7
Phenol-d6
Concen: 14.094 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Instrument :
BNA_G
ClientSampleId :
SB01

Tgt Ion: 99 Resp: 2938
Ion Ratio Lower Upper
99 100
42 16.3 15.1 22.7
71 37.0 35.2 52.8

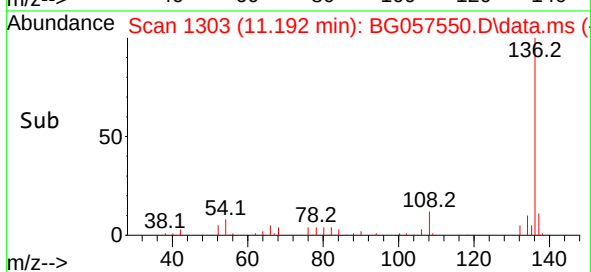
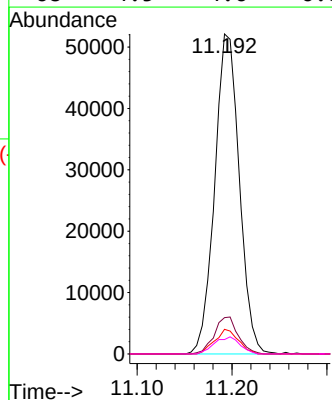
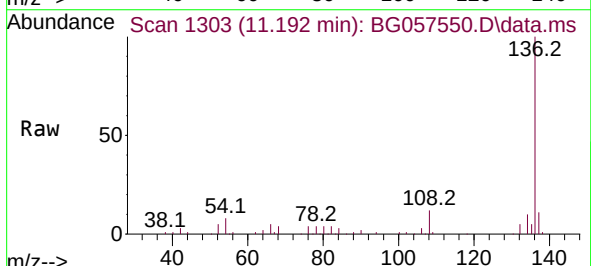
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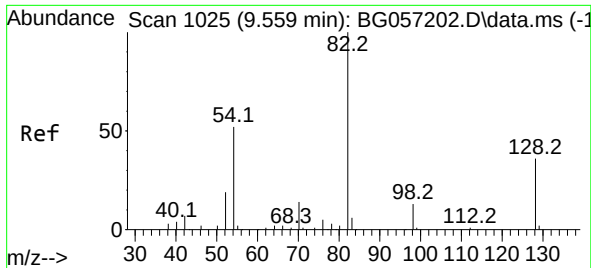
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion:136 Resp: 94130
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 7.7 6.7 10.1
68 4.5 4.6 6.8#





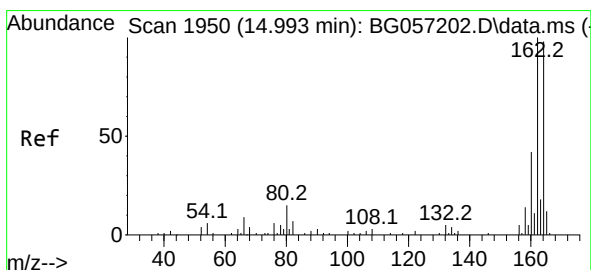
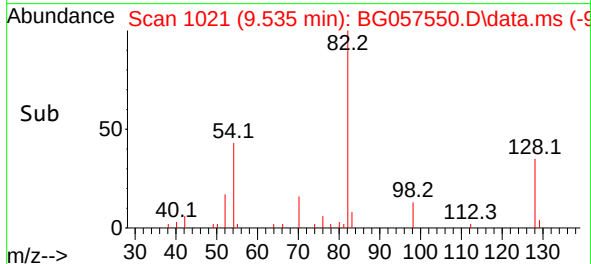
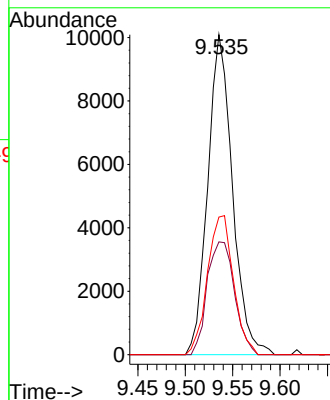
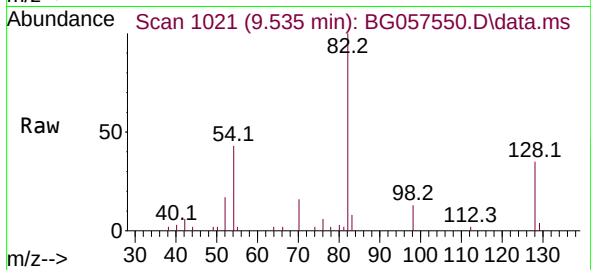
#23
Nitrobenzene-d5
Concen: 8.157 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Instrument :
BNA_G
ClientSampleId :
SB01

Tgt Ion: 82 Resp: 1829
Ion Ratio Lower Upper
82 100
128 35.3 29.0 43.4
54 43.0 41.4 62.0

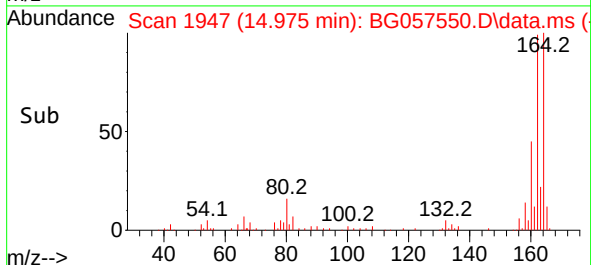
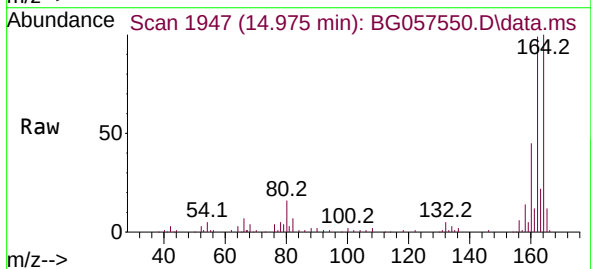
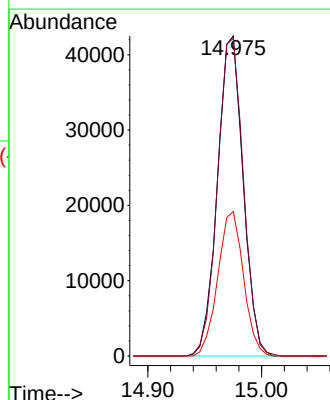
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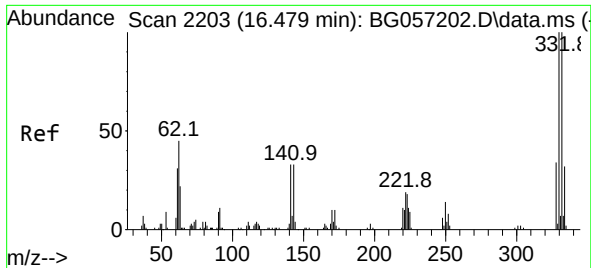
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion:164 Resp: 66542
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 45.1 34.6 52.0





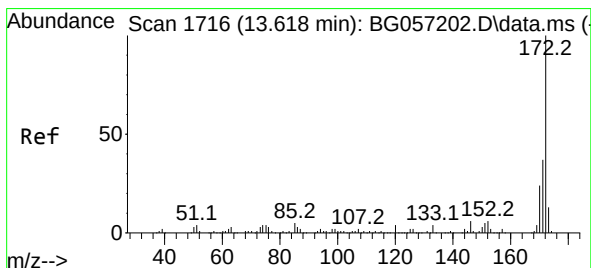
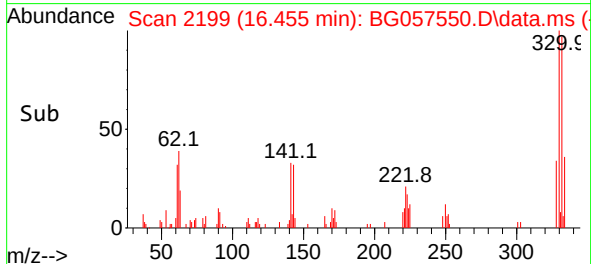
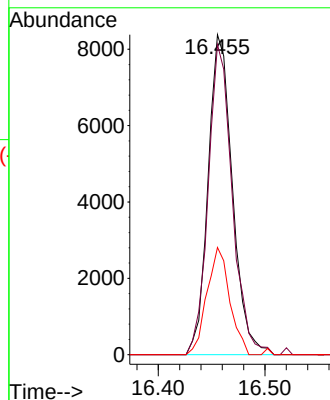
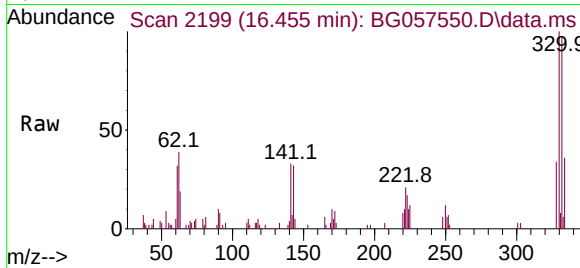
#42
2,4,6-Tribromophenol
Concen: 14.061 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Instrument :
BNA_G
ClientSampleId :
SB01

Tgt Ion:330 Resp: 13270
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 31.5 27.8 41.8

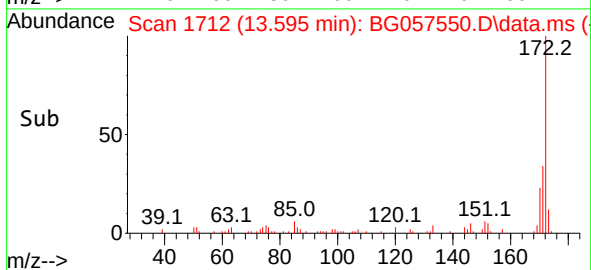
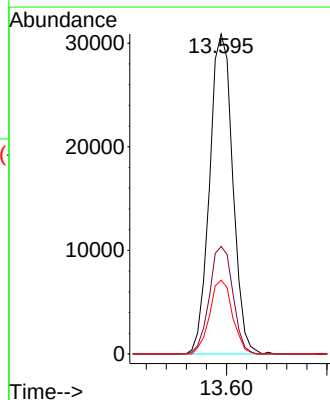
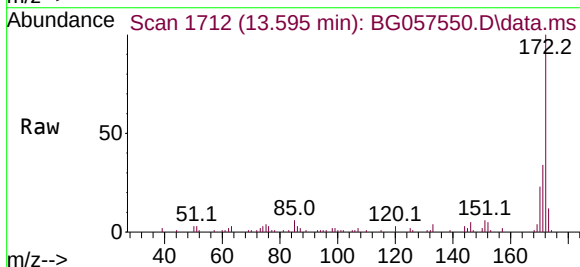
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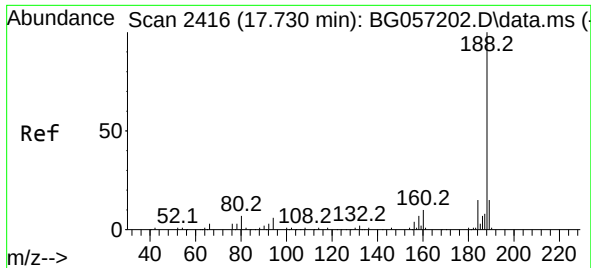
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#45
2-Fluorobiphenyl
Concen: 10.003 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

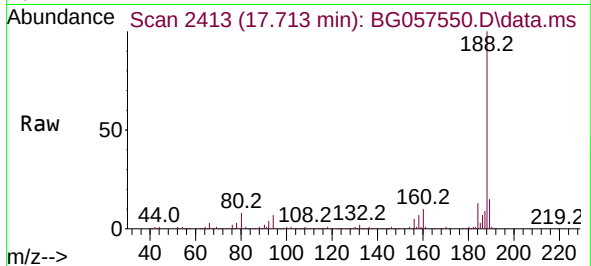
Tgt Ion:172 Resp: 49422
Ion Ratio Lower Upper
172 100
171 33.6 29.4 44.0
170 23.1 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

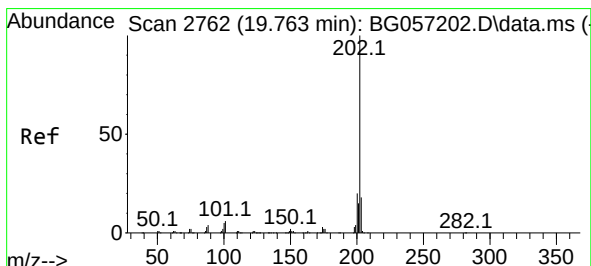
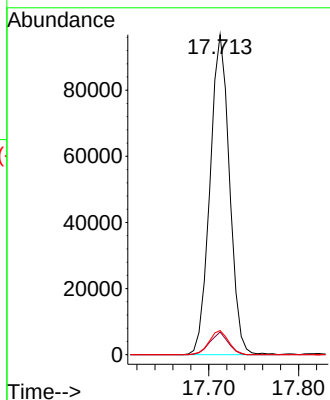
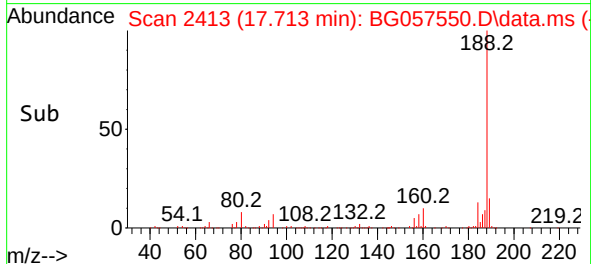
Instrument :
BNA_G
ClientSampleId :
SB01



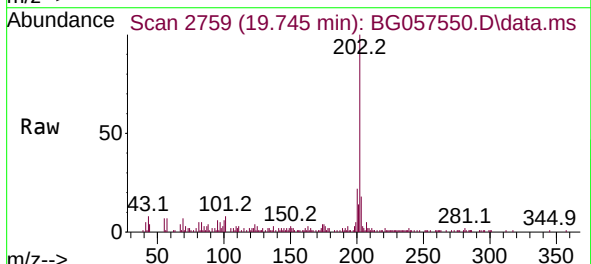
Tgt Ion:188 Resp: 14574
Ion Ratio Lower Upper
188 100
94 7.1 5.1 7.7
80 7.6 5.7 8.5

Manual Integrations
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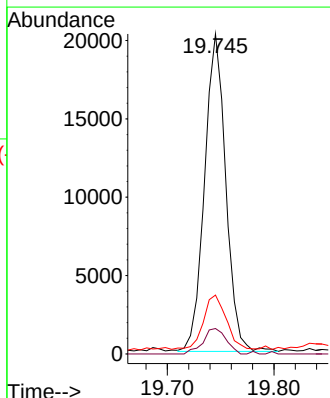
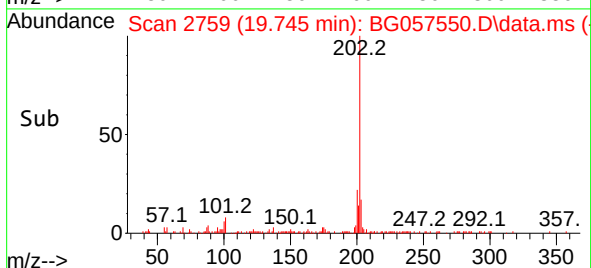
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

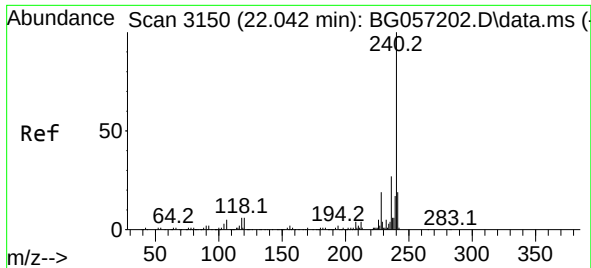


#75
Fluoranthene
Concen: 3.023 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47



Tgt Ion:202 Resp: 28078
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.2
203 18.4 0.0 37.9





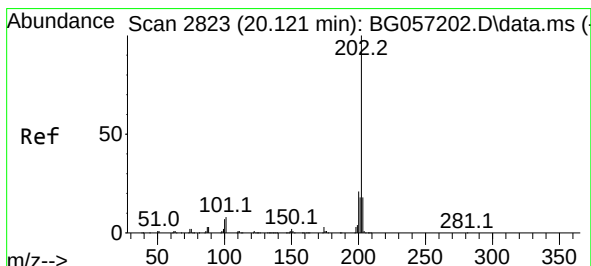
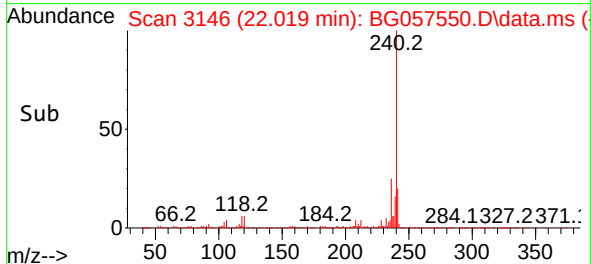
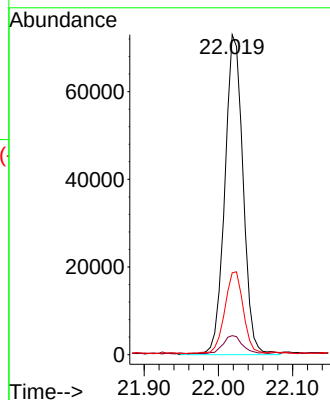
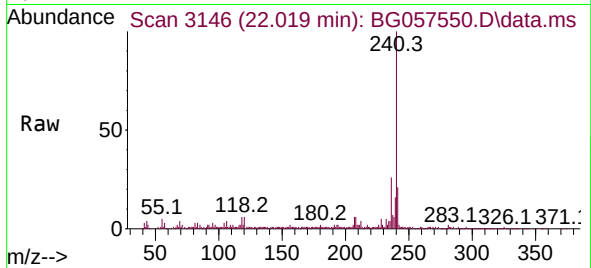
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3150
Delta R.T. -0.017 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Instrument :
BNA_G
ClientSampleId :
SB01

Tgt Ion:240 Resp: 124849
Ion Ratio Lower Upper
240 100
120 6.0 4.9 7.3
236 25.6 21.4 32.2

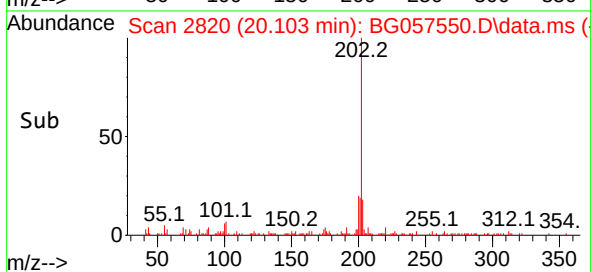
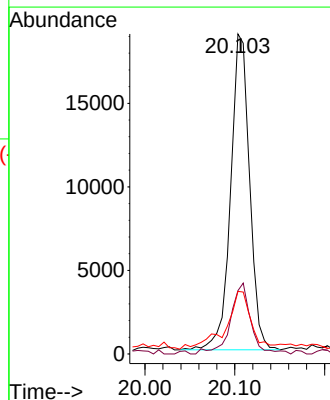
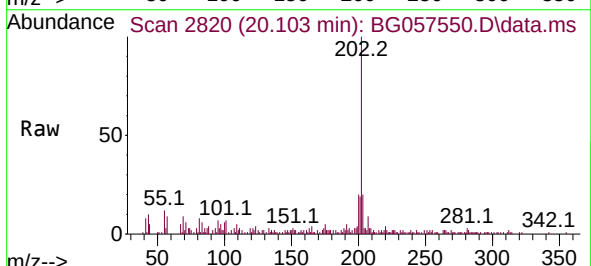
Manual Integrations
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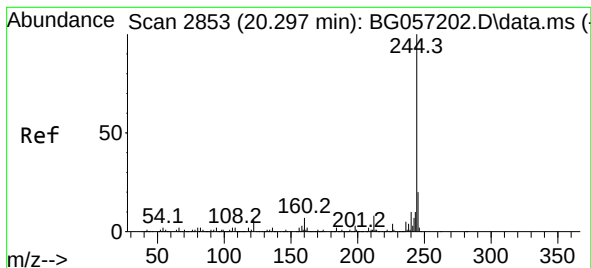
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#78
Pyrene
Concen: 3.051 ng
RT: 20.103 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion:202 Resp: 27679
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 19.6 14.2 21.4





#79

Terphenyl-d14

Concen: 10.146 ng

RT: 20.280 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

Instrument :

BNA_G

ClientSampleId :

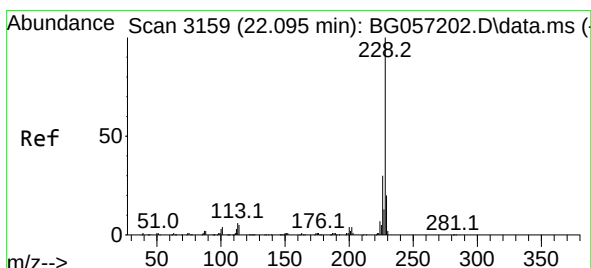
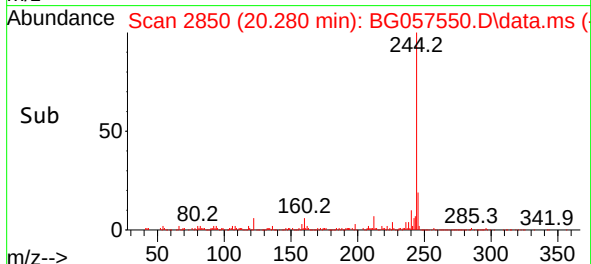
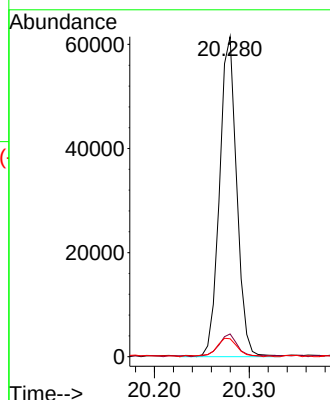
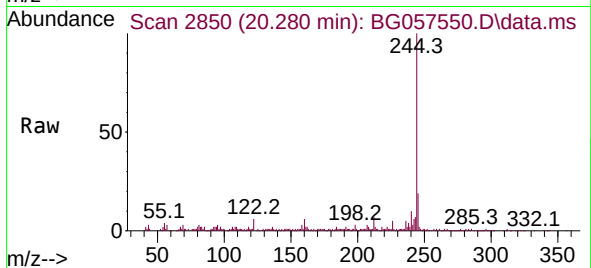
SB01

Tgt Ion:	244	Resp:	7762
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.1	9.1
122	5.6	5.1	7.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#83

Chrysene

Concen: 2.094 ng m

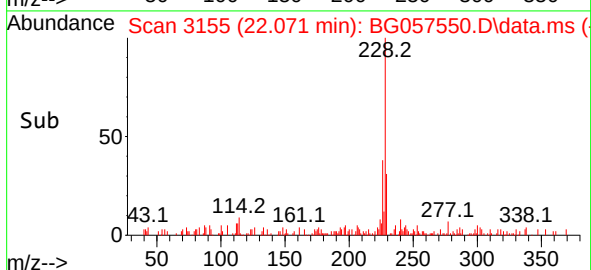
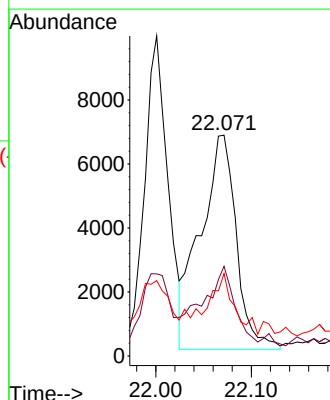
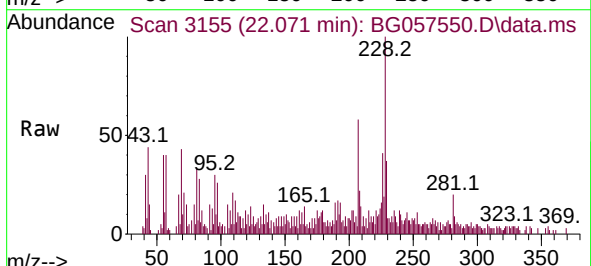
RT: 22.071 min Scan# 3155

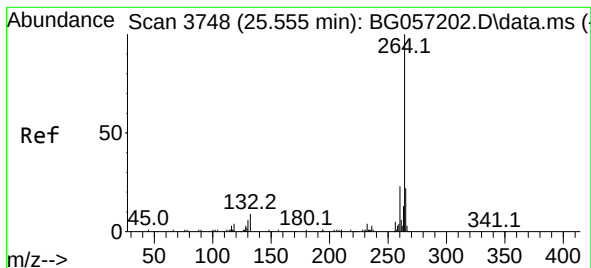
Delta R.T. -0.011 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

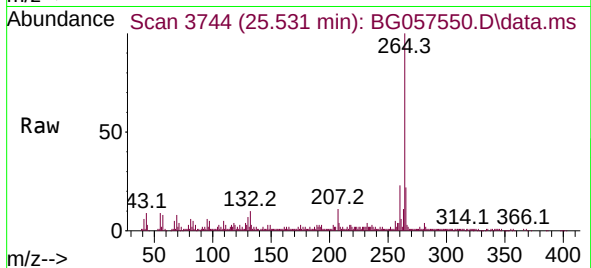
Tgt Ion:	228	Resp:	17529
Ion Ratio	Lower	Upper	
228	100		
226	40.6	24.3	36.5#
229	37.3	15.9	23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.531 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

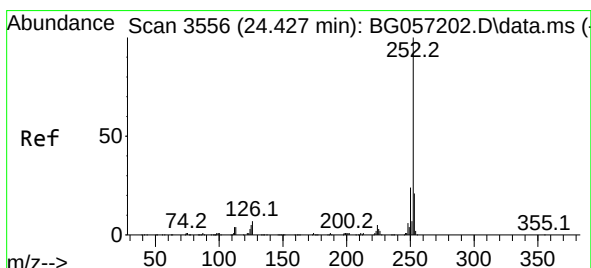
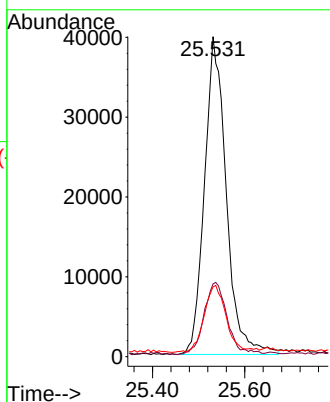
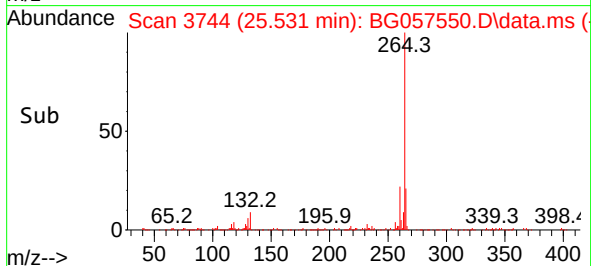
Instrument :
BNA_G
ClientSampleId :
SB01



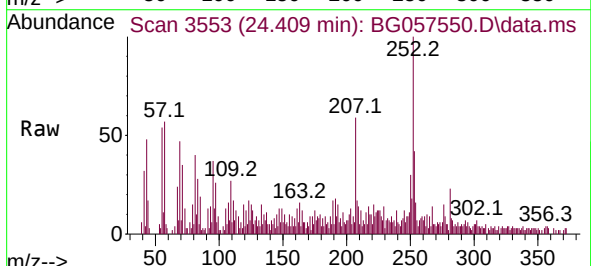
Tgt Ion:264 Resp: 130624
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.9 17.9 26.9

Manual Integrations
APPROVED

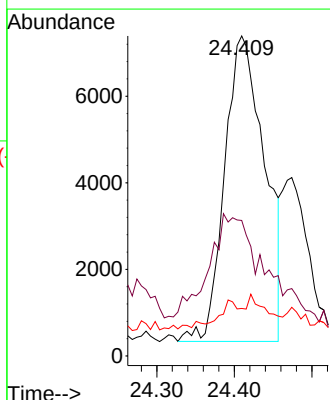
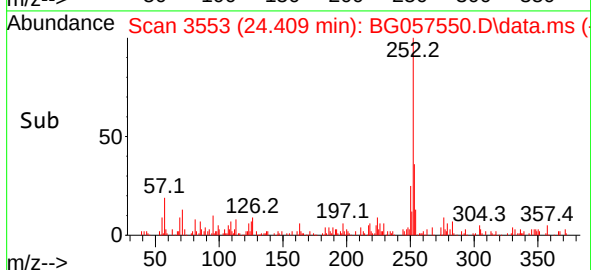
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

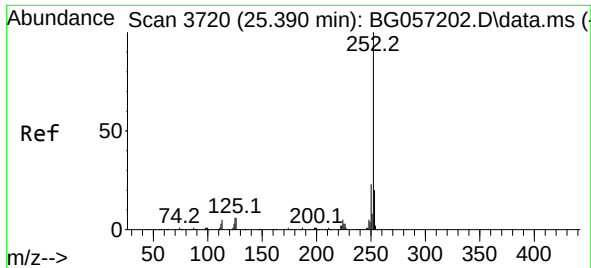


#88
Benzo(b)fluoranthene
Concen: 2.960 ng
RT: 24.409 min Scan# 3553
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47



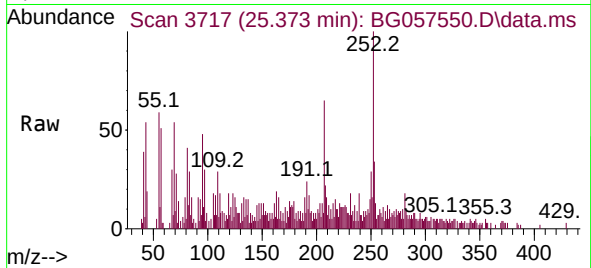
Tgt Ion:252 Resp: 25277
Ion Ratio Lower Upper
252 100
253 42.3 17.0 25.6#
125 14.8 4.2 6.2#





#90
Benzo(a)pyrene
Concen: 2.539 ng
RT: 25.373 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Instrument :
BNA_G
ClientSampleId :
SB01



Tgt Ion:252 Resp: 21179
Ion Ratio Lower Upper
252 100
253 34.5 16.3 24.5
125 16.4 5.0 7.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

