

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053293.D
 Acq On : 23 Apr 2022 15:04
 Operator : CG/JU
 Sample : N2514-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 02:49:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	26945	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	106501	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	71241	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	144266	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	144321	20.000	ng	0.00
86) Perylene-d12	25.064	264	152448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	168071	106.923	ng	0.00
7) Phenol-d6	7.271	99	249476	102.919	ng	0.00
23) Nitrobenzene-d5	9.268	82	185710	70.802	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	112109	98.913	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	399865	77.396	ng	0.00
79) Terphenyl-d14	20.083	244	604963	70.795	ng	0.00
Target Compounds						
71) Phenanthrene	17.521	178	25623m	3.252	ng	Qvalue
78) Pyrene	19.895	202	39213	3.815	ng	# 85
81) Benzo(a)anthracene	21.745	228	26329	2.668	ng	# 70
83) Chrysene	21.816	228	42380	4.628	ng	# 72
88) Benzo(b)fluoranthene	24.019	252	20257m	2.106	ng	
90) Benzo(a)pyrene	24.911	252	24772	3.023	ng	# 86
92) Benzo(g,h,i)perylene	30.010	276	30424	3.311	ng	# 93

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

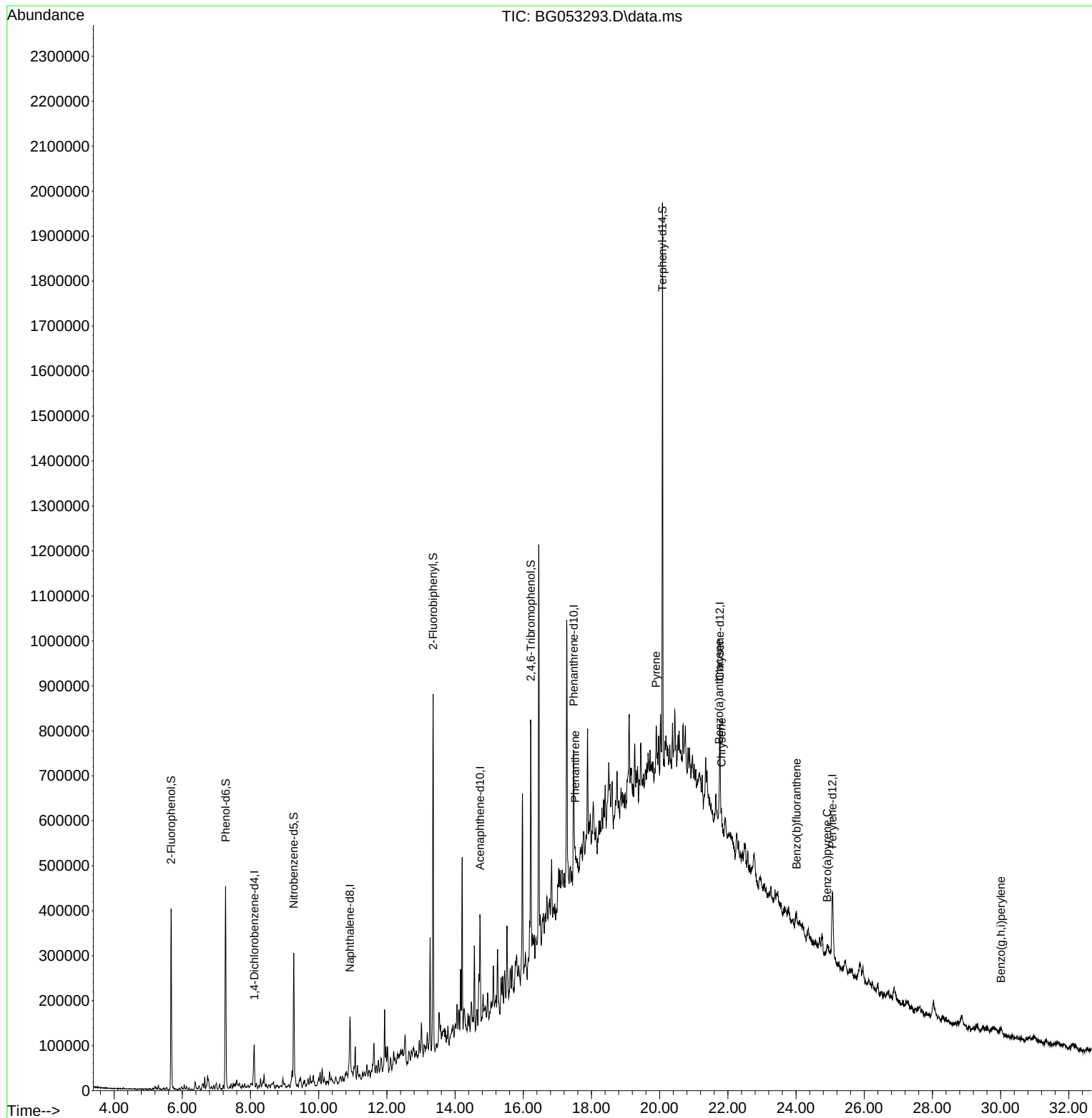
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

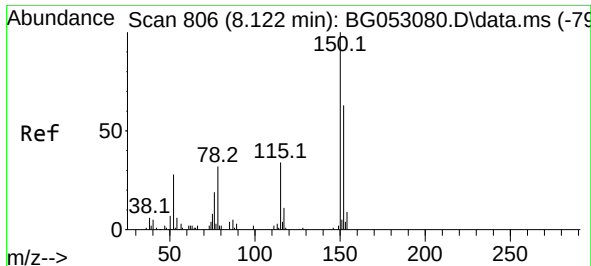
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

Quant Time: Apr 24 02:49:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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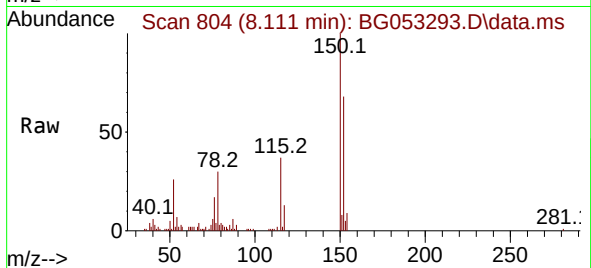
Reviewed By : Christian Giraldo 04/25/2022
Supervised By : Jagrut Upadhyay 04/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

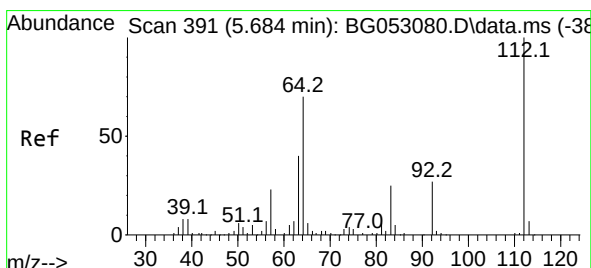
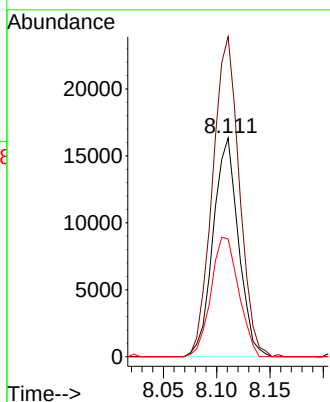
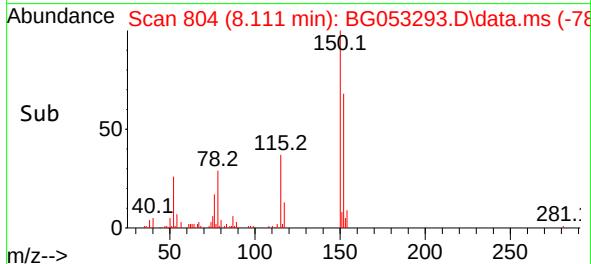
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



Tgt Ion:152 Resp: 26945
Ion Ratio Lower Upper
152 100
150 146.3 114.6 172.0
115 53.9 45.9 68.9

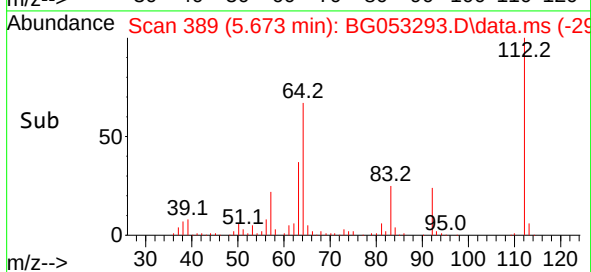
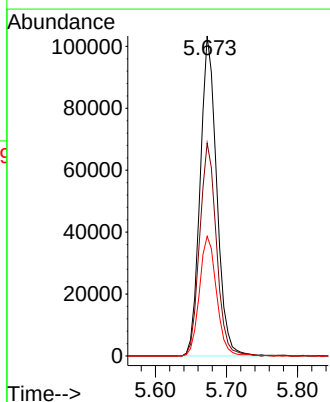
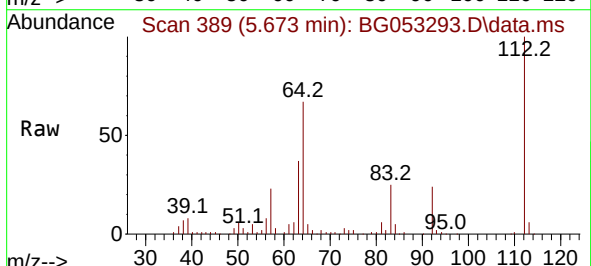
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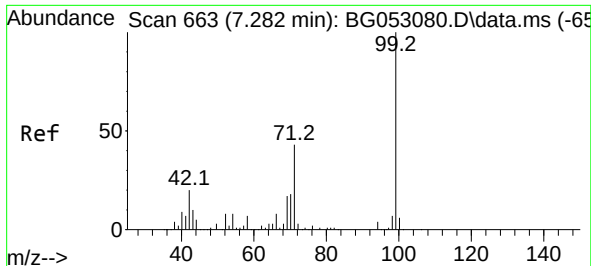
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#5
2-Fluorophenol
Concen: 106.923 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

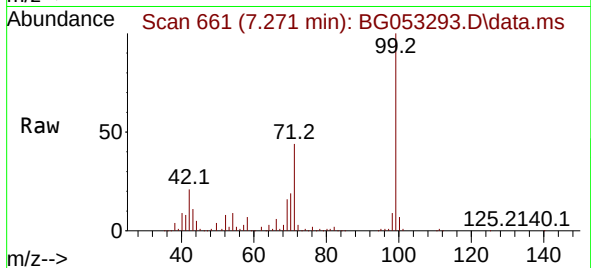
Tgt Ion:112 Resp: 168071
Ion Ratio Lower Upper
112 100
64 66.5 48.0 72.0
63 37.4 26.5 39.7





#7
Phenol-d6
Concen: 102.919 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

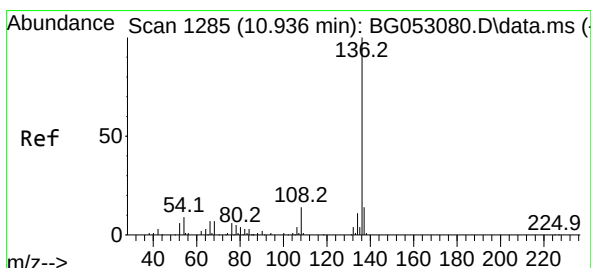
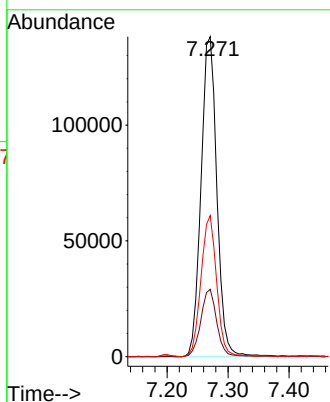
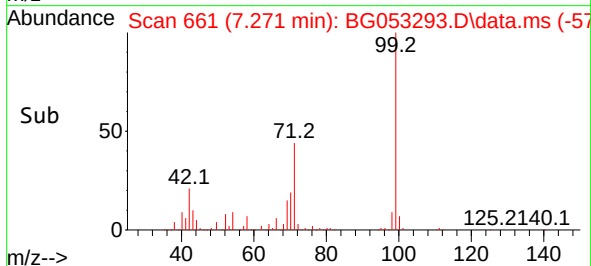
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



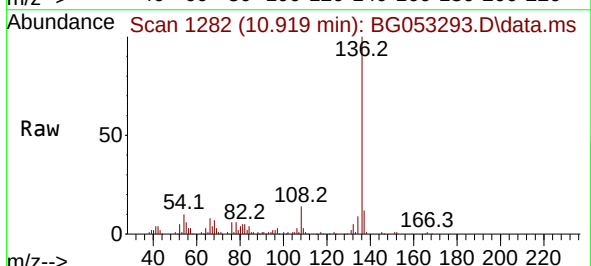
Tgt Ion: 99 Resp: 249470
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 44.1 29.2 43.8

Manual Integrations
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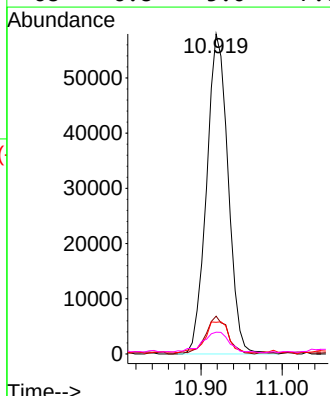
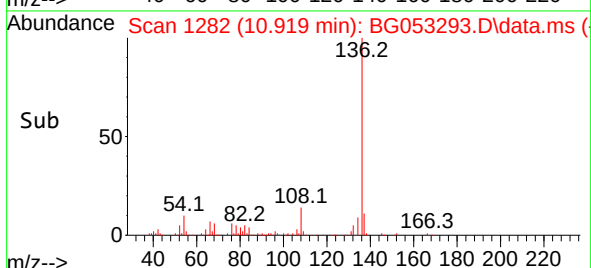
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

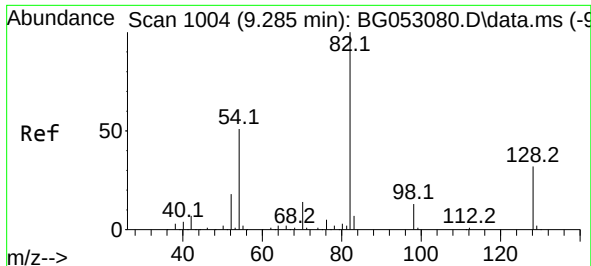


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04



Tgt Ion:136 Resp: 106501
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.9 6.4 9.6#
68 6.8 5.0 7.6





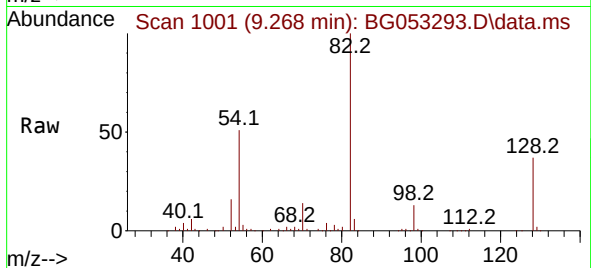
#23
Nitrobenzene-d5
Concen: 70.802 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-5

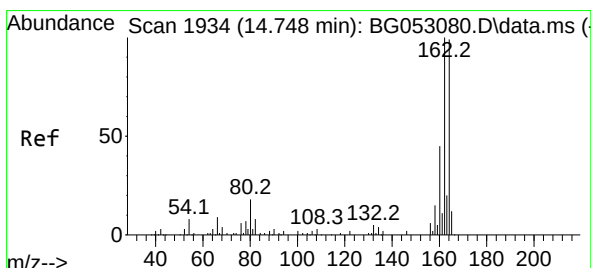
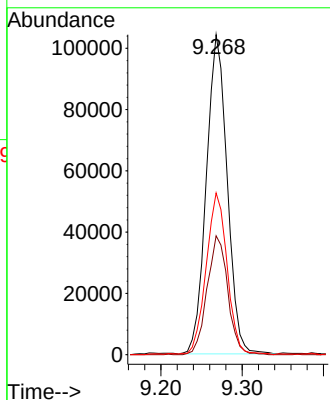
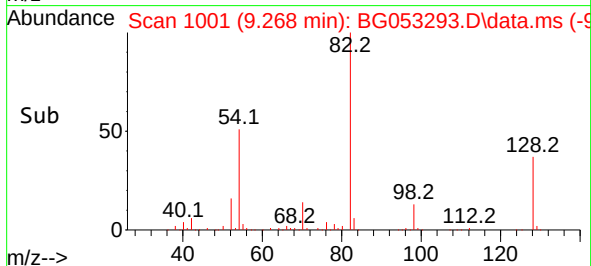


Tgt Ion: 82 Resp: 185710
Ion Ratio Lower Upper
82 100
128 37.2 31.3 46.9
54 50.6 37.8 56.8

Manual Integrations

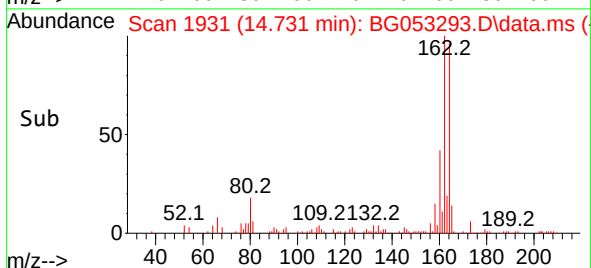
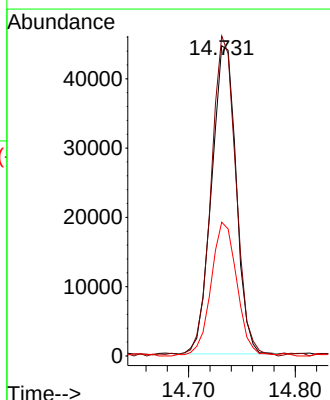
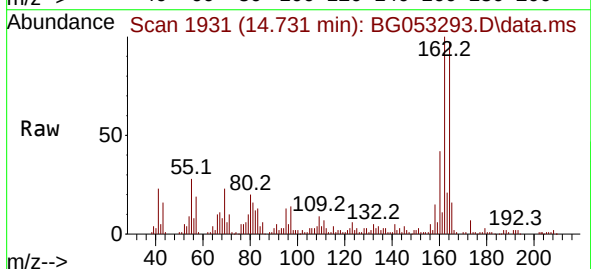
APPROVED

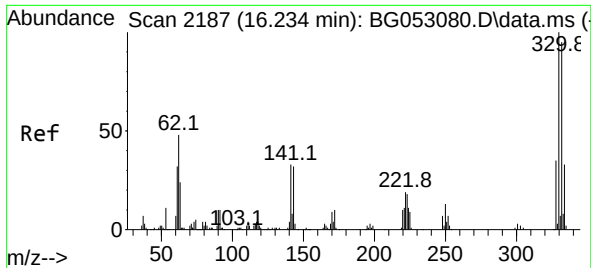
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

Tgt Ion:164 Resp: 71241
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 43.1 38.8 58.2





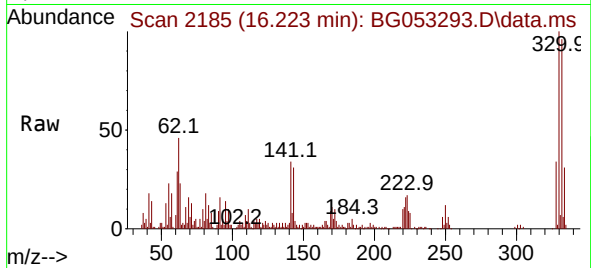
#42
2,4,6-Tribromophenol
Concen: 98.913 ng
RT: 16.223 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-5

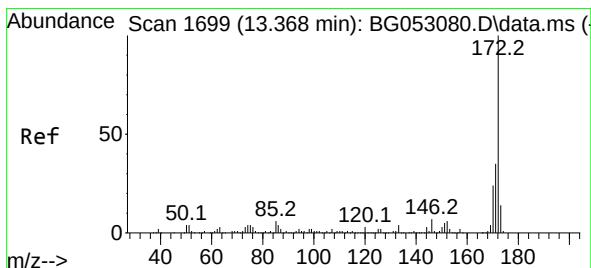
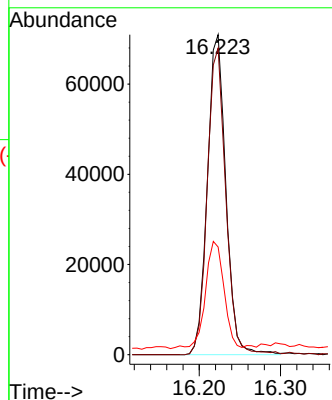
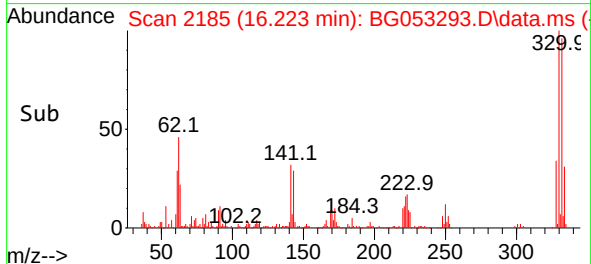


Tgt Ion:330 Resp: 112109
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 33.7 24.6 36.8

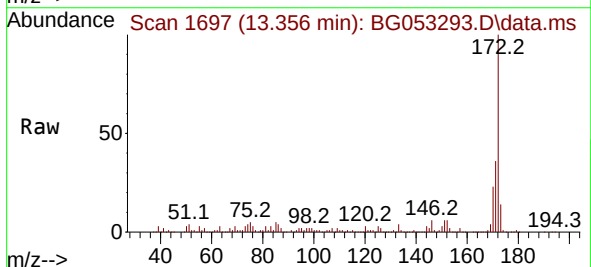
Manual Integrations

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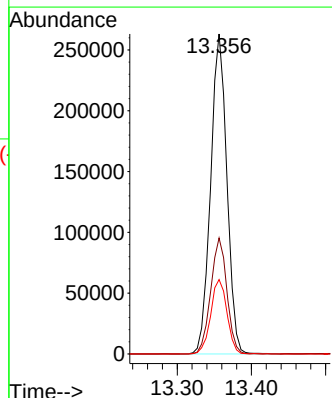
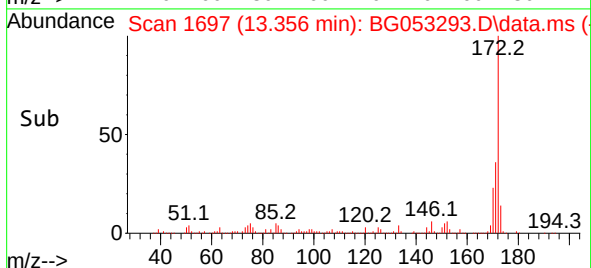
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

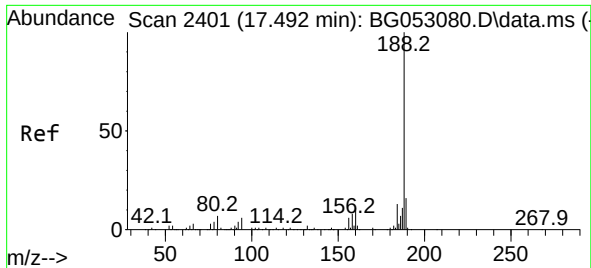


#45
2-Fluorobiphenyl
Concen: 77.396 ng
RT: 13.356 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04



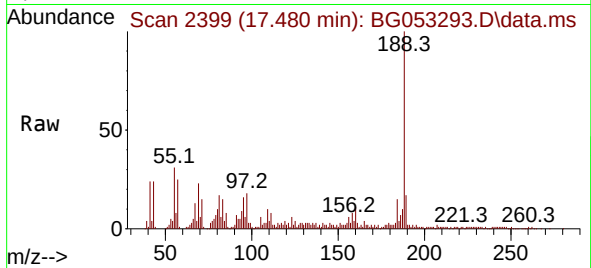
Tgt Ion:172 Resp: 399865
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.2 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

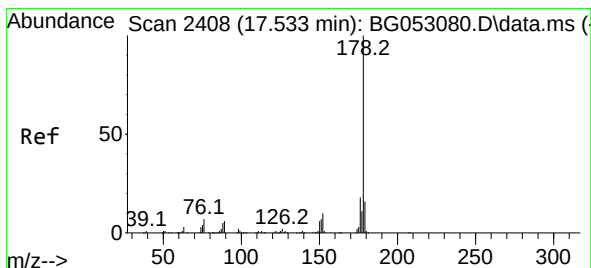
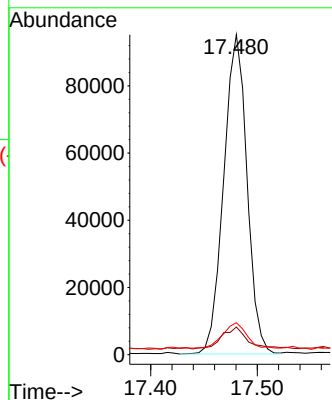
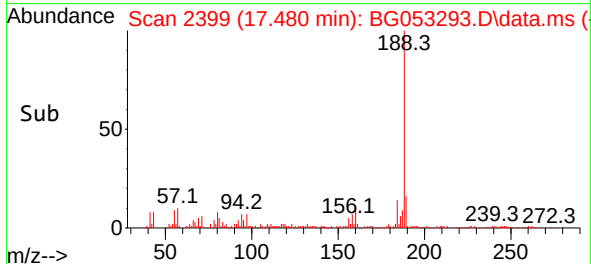
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



Tgt Ion:188 Resp: 144260
Ion Ratio Lower Upper
188 100
94 8.7 5.7 8.5
80 10.0 7.2 10.8

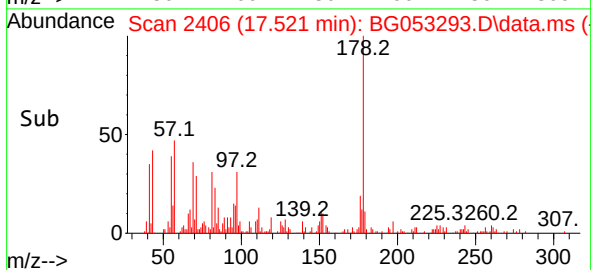
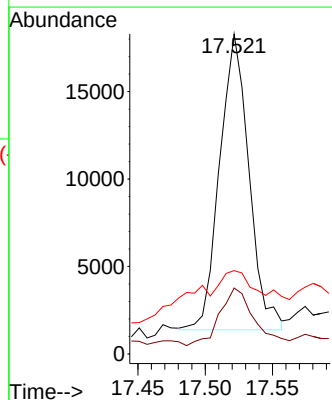
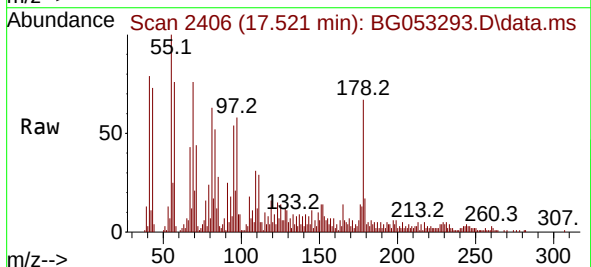
Manual Integrations
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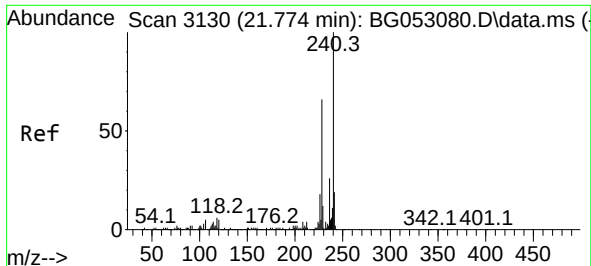
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#71
Phenanthrene
Concen: 3.252 ng m
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

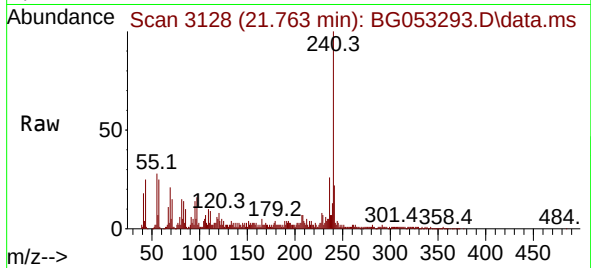
Tgt Ion:178 Resp: 25623
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 26.0 13.4 20.2#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

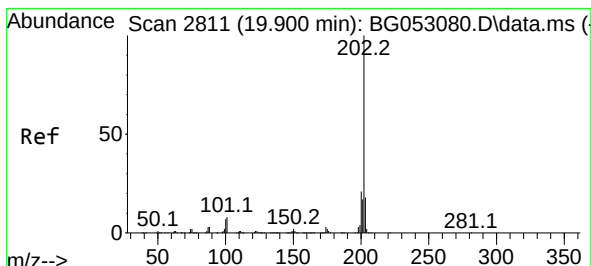
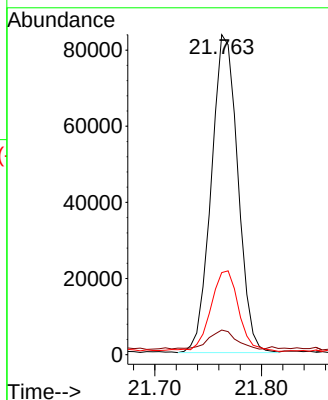
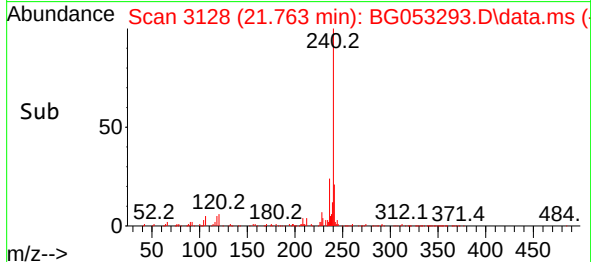
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



Tgt Ion:240 Resp: 14432
Ion Ratio Lower Upper
240 100
120 7.7 5.4 8.0
236 25.7 19.8 29.6

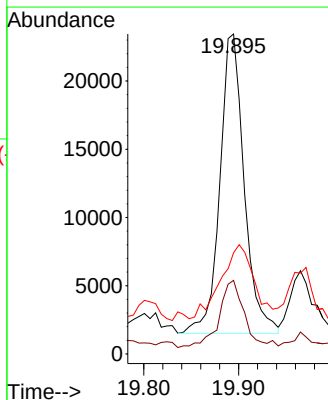
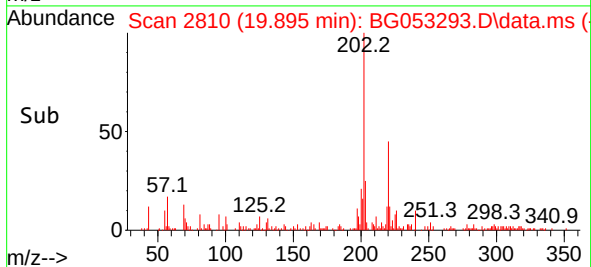
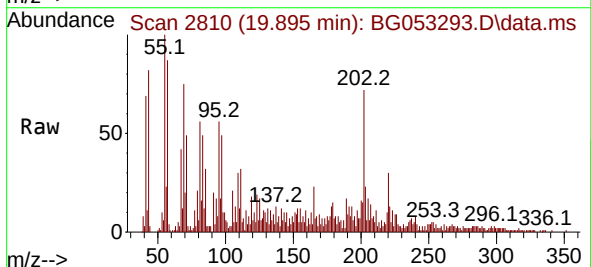
Manual Integrations
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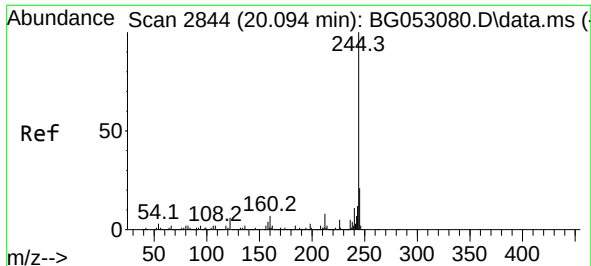
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#78
Pyrene
Concen: 3.815 ng
RT: 19.895 min Scan# 2810
Delta R.T. 0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

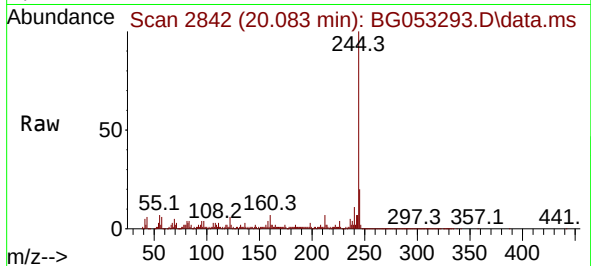
Tgt Ion:202 Resp: 39213
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.6
203 31.6 15.0 22.6#





#79
 Terphenyl-d14
 Concen: 70.795 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053293.D
 Acq: 23 Apr 2022 15:04

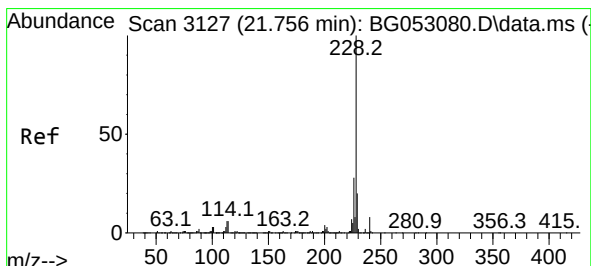
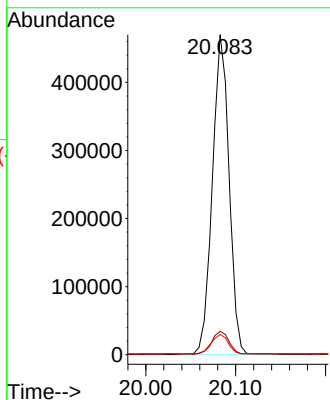
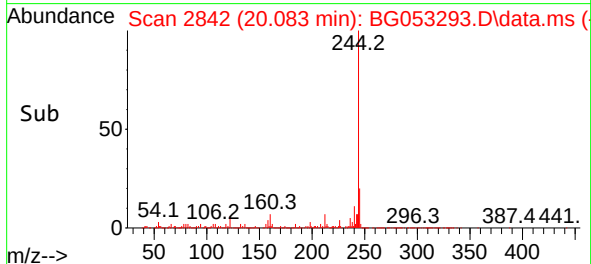
Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5



Tgt Ion:244 Resp: 60496
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.3 5.8 8.6

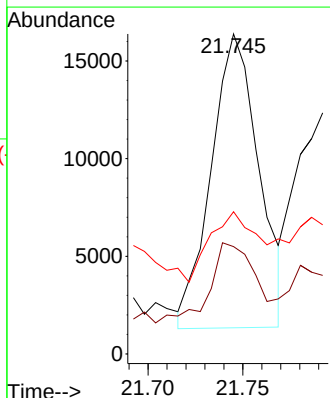
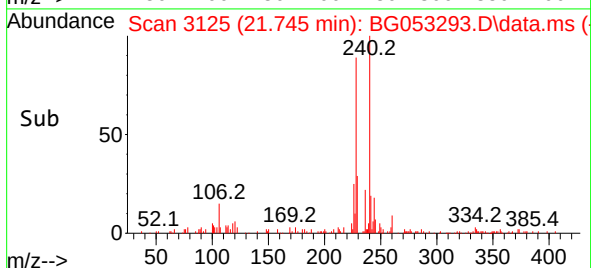
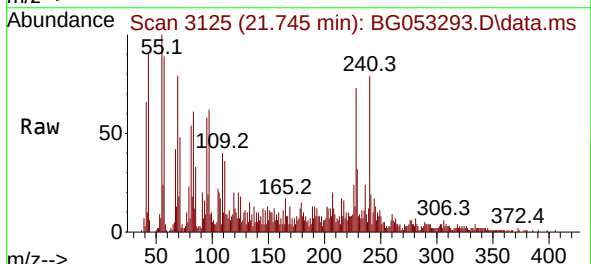
Manual Integrations
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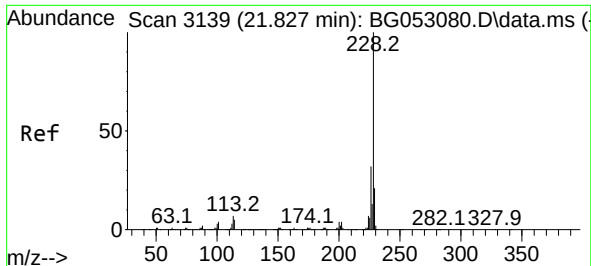
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#81
 Benzo(a)anthracene
 Concen: 2.668 ng
 RT: 21.745 min Scan# 3125
 Delta R.T. -0.003 min
 Lab File: BG053293.D
 Acq: 23 Apr 2022 15:04

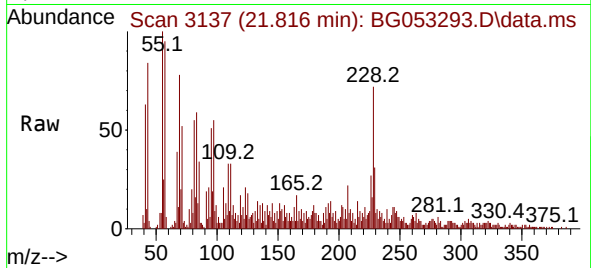
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 Ion Ratio Lower Upper
 228 100
 226 33.6 21.4 32.0#
 229 44.5 16.7 25.1#





#83
Chrysene
Concen: 4.628 ng
RT: 21.816 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

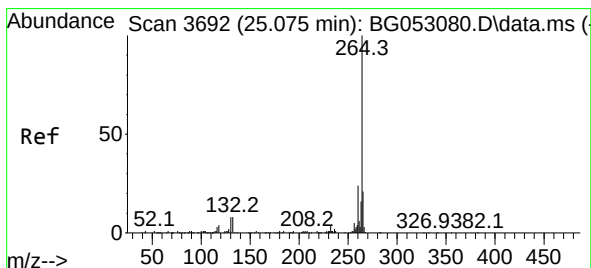
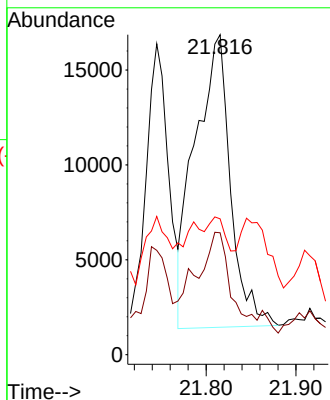
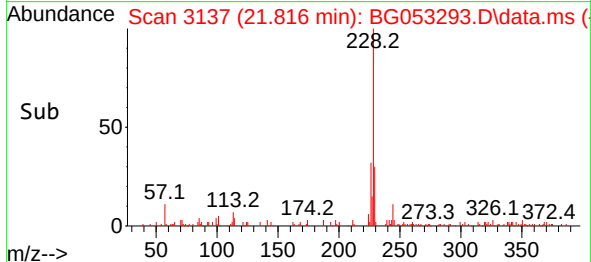
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



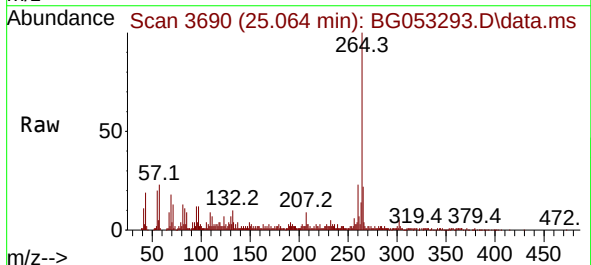
Tgt Ion:228 Resp: 42380
Ion Ratio Lower Upper
228 100
226 38.1 24.2 36.4
229 42.5 16.3 24.5

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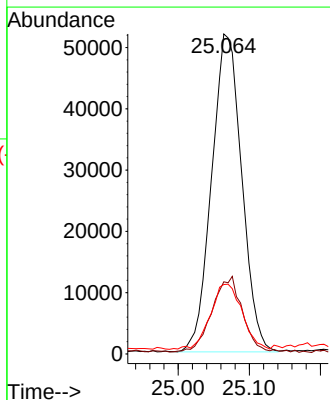
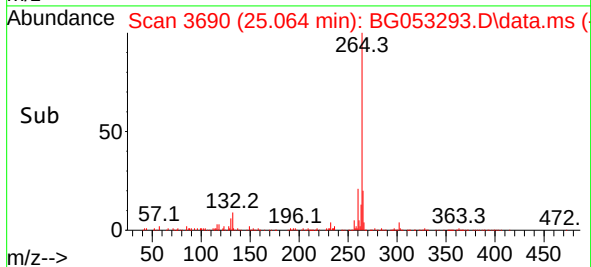
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

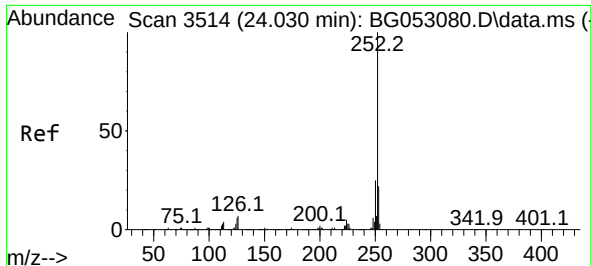


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 3690
Delta R.T. 0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04



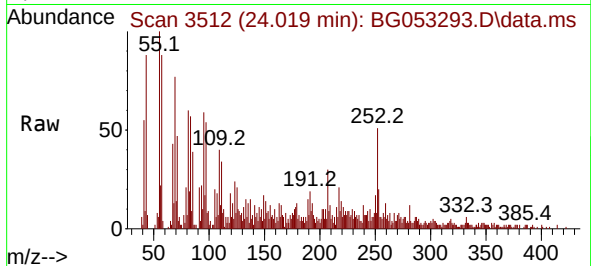
Tgt Ion:264 Resp: 152448
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.2
265 21.7 15.1 22.7





#88
Benzo(b)fluoranthene
Concen: 2.106 ng m
RT: 24.019 min Scan# 3514
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

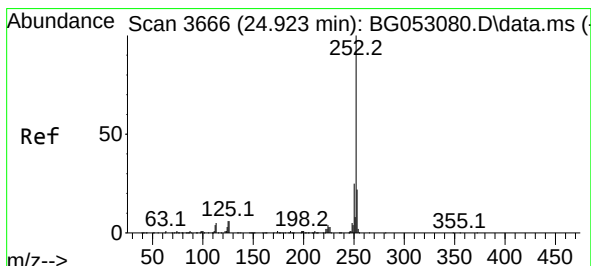
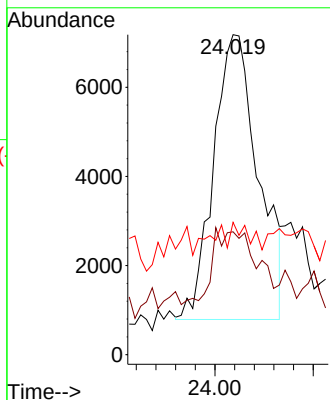
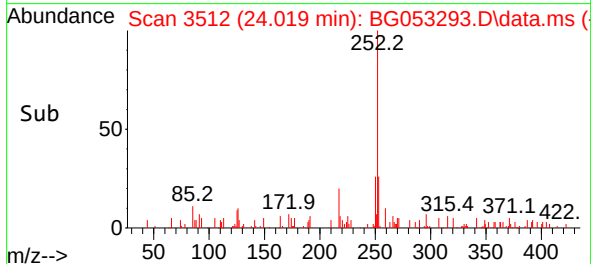
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5



Tgt Ion:252 Resp: 2025
Ion Ratio Lower Upper
252 100
253 38.4 17.2 25.8
125 41.3 5.2 7.8

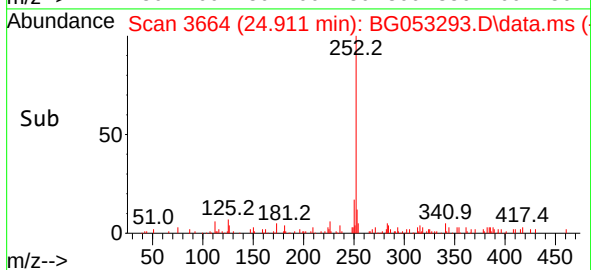
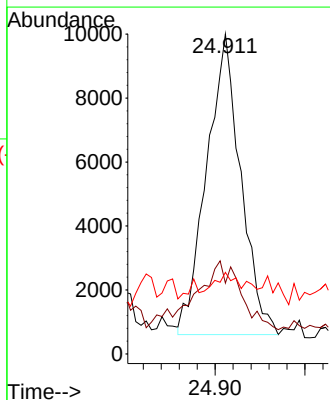
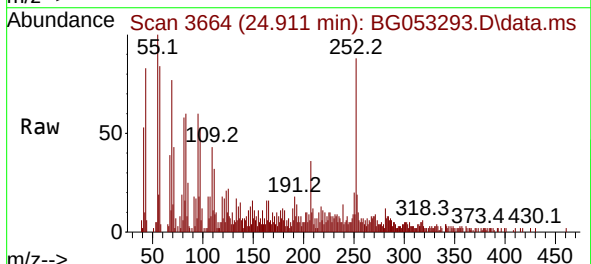
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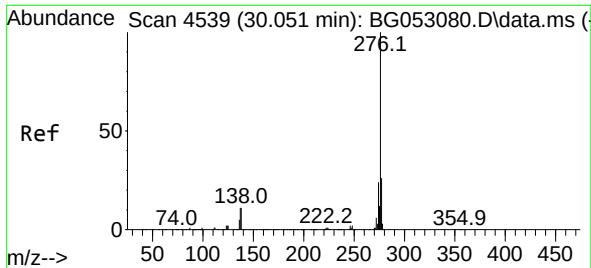
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#90
Benzo(a)pyrene
Concen: 3.023 ng
RT: 24.911 min Scan# 3664
Delta R.T. -0.003 min
Lab File: BG053293.D
Acq: 23 Apr 2022 15:04

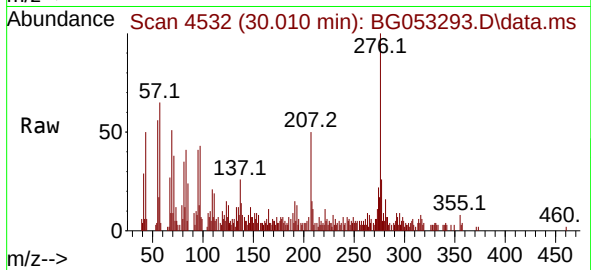
Tgt Ion:252 Resp: 24772
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 25.5 5.6 8.4





#92
 Benzo(g,h,i)perylene
 Concen: 3.311 ng
 RT: 30.010 min Scan# 4
 Delta R.T. -0.026 min
 Lab File: BG053293.D
 Acq: 23 Apr 2022 15:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5



Tgt Ion: 276 Resp: 30424
 Ion Ratio Lower Upper
 276 100
 277 26.2 18.2 27.2
 138 14.1 9.1 13.7

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Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

