

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055279.D
 Acq On : 25 Oct 2022 17:06
 Operator : CG/JU
 Sample : N5254-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2-102122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/26/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 14:44:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	43234	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	181598	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	113969	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	257667	20.000	ng	0.00
76) Chrysene-d12	21.889	240	251202	20.000	ng	-0.01
86) Perylene-d12	25.285	264	263340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	213517	86.474	ng	0.00
7) Phenol-d6	7.412	99	294156	82.230	ng	0.00
23) Nitrobenzene-d5	9.445	82	188277	52.941	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	99384	80.217	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	360272	51.740	ng	0.00
79) Terphenyl-d14	20.191	244	559564	46.281	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.645	202	49444	3.088	ng	99
78) Pyrene	20.009	202	46985	2.729	ng	99
83) Chrysene	21.936	228	33812	2.110	ng	98
88) Benzo(b)fluoranthene	24.204	252	46211	2.917	ng	96
90) Benzo(a)pyrene	25.121	252	33426	2.461	ng	99

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

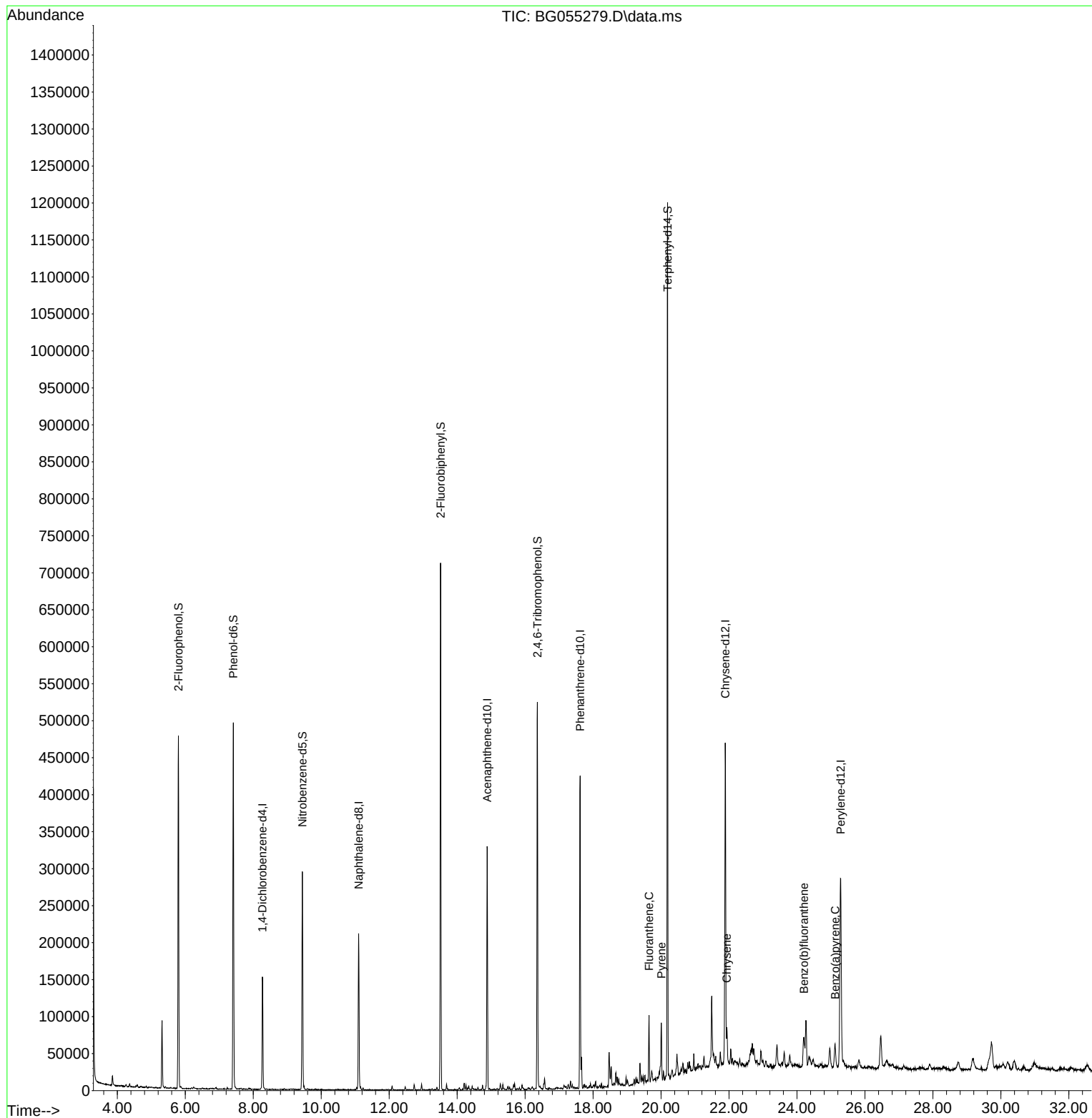
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055279.D
Acq On : 25 Oct 2022 17:06
Operator : CG/JU
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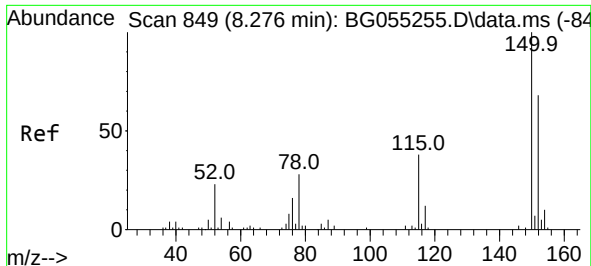
Instrument :
BNA_G
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WC-2-102122

Quant Time: Oct 26 14:44:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
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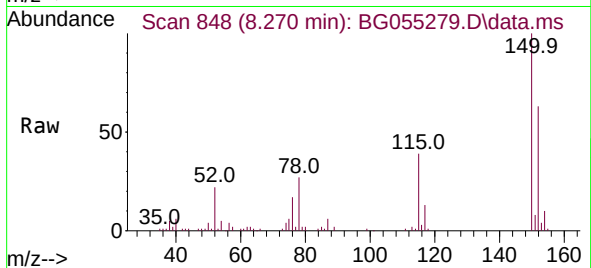
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Supervised By :Jagrut Upadhyay 10/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

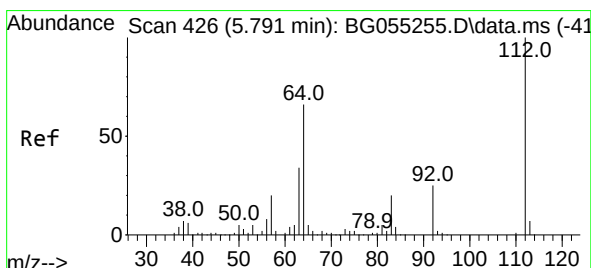
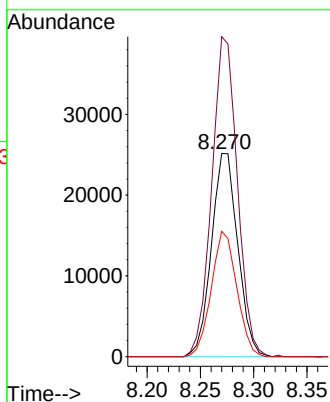
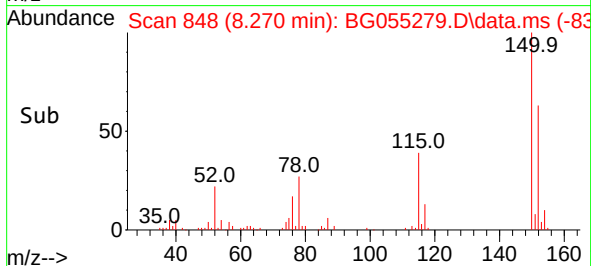
Instrument :
BNA_G
ClientSampleId :
WC-2-102122



Tgt Ion:152 Resp: 43234
Ion Ratio Lower Upper
152 100
150 157.6 118.2 177.4
115 61.7 44.5 66.7

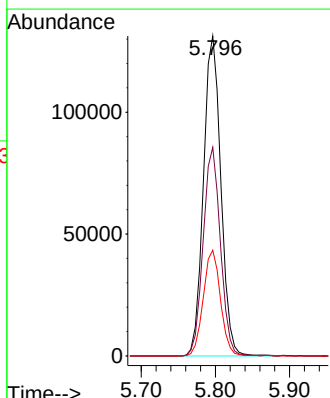
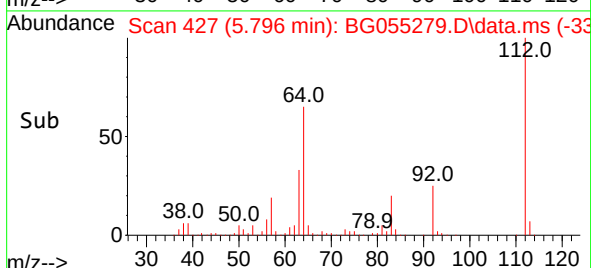
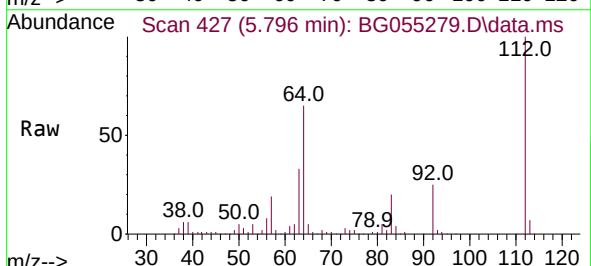
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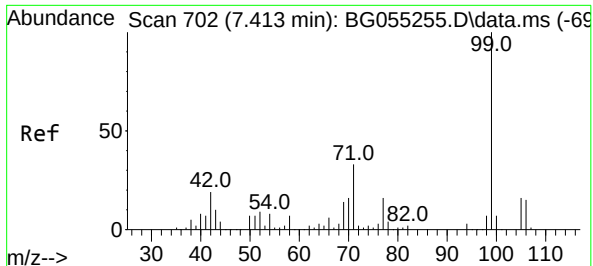
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#5
2-Fluorophenol
Concen: 86.474 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

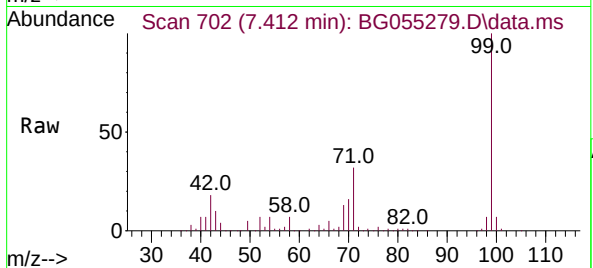
Tgt Ion:112 Resp: 213517
Ion Ratio Lower Upper
112 100
64 65.2 52.6 78.8
63 33.0 27.1 40.7





#7
Phenol-d6
Concen: 82.230 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

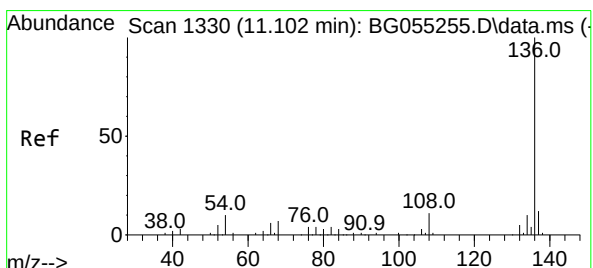
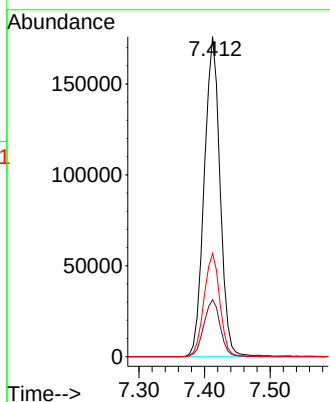
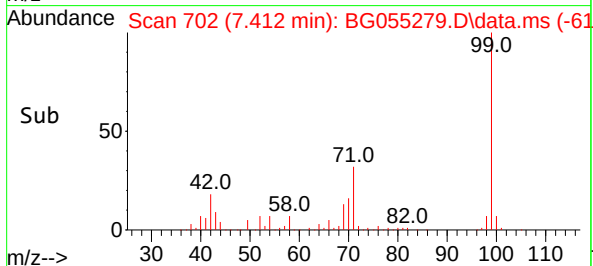
Instrument :
BNA_G
ClientSampleId :
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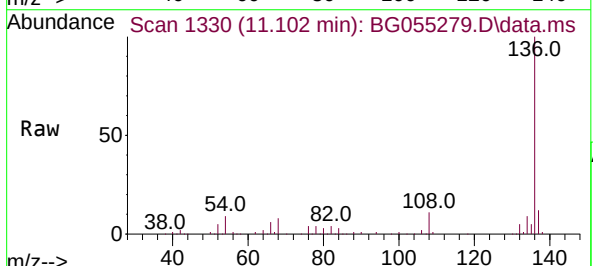
Tgt Ion: 99 Resp: 294156
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 32.2 26.2 39.4

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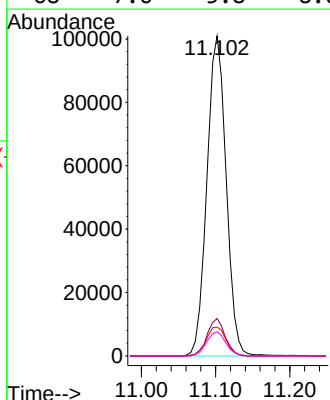
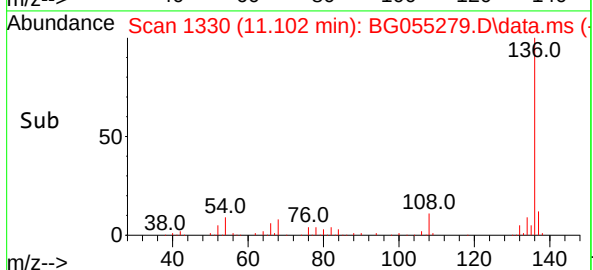
Reviewed By :Christian Giraldo 10/26/2022
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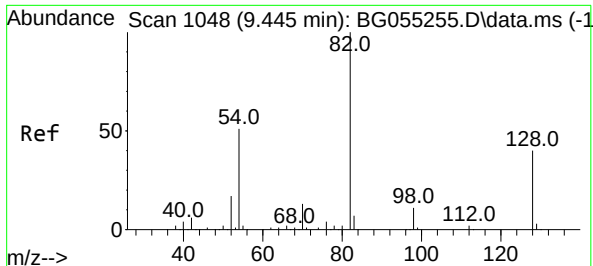


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06



Tgt Ion:136 Resp: 181598
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.0 7.8 11.8
68 7.6 5.8 8.6





#23
Nitrobenzene-d5
Concen: 52.941 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :

BNA_G

ClientSampleId :

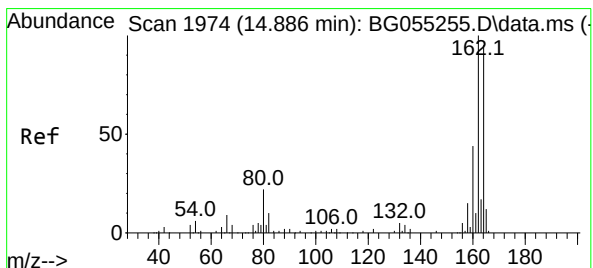
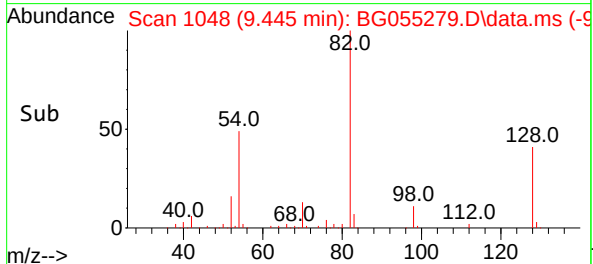
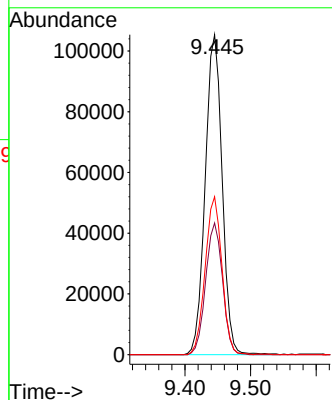
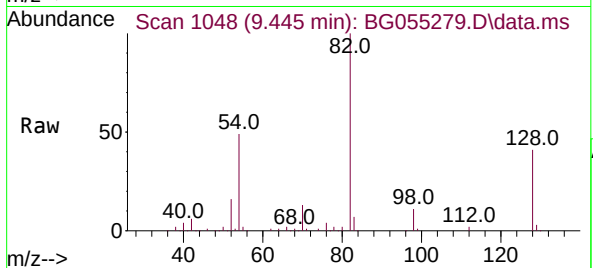
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Tgt Ion: 82 Resp: 18827
Ion Ratio Lower Upper
82 100
128 41.1 32.0 48.0
54 49.4 40.9 61.3

Manual Integrations

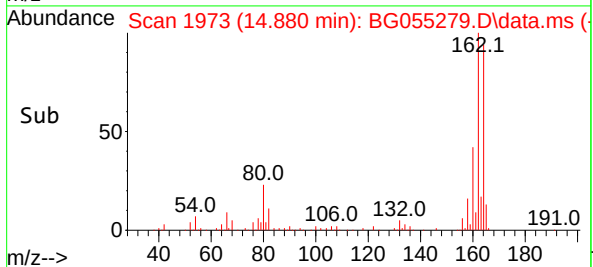
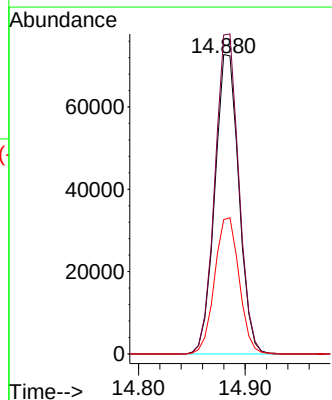
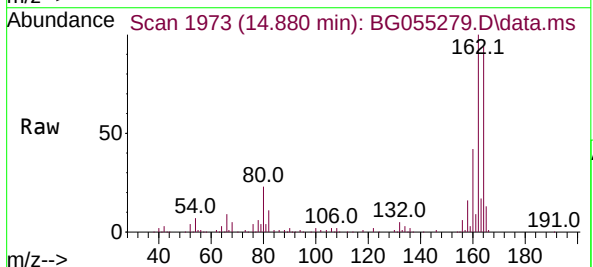
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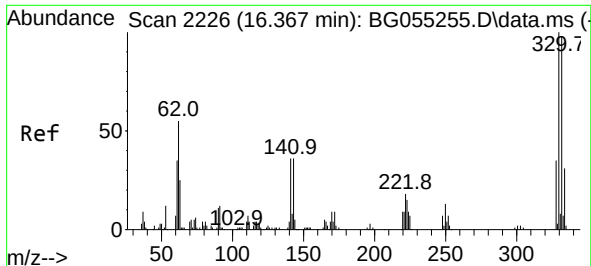
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Supervised By :Jagrut Upadhyay 10/27/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:164 Resp: 113969
Ion Ratio Lower Upper
164 100
162 106.5 84.0 126.0
160 44.9 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 80.217 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :

BNA_G

ClientSampleId :

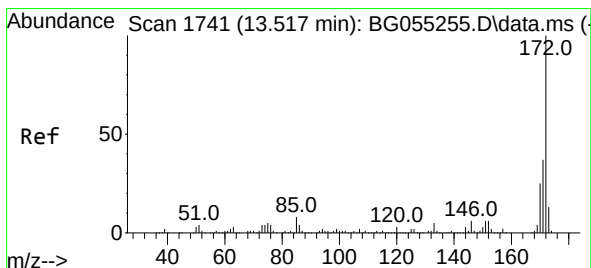
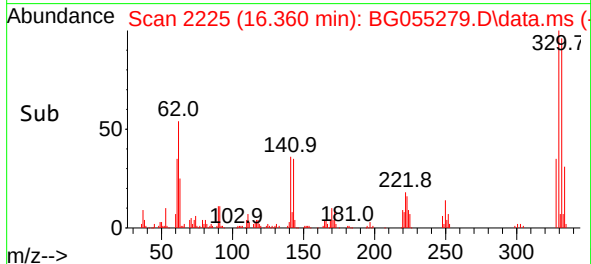
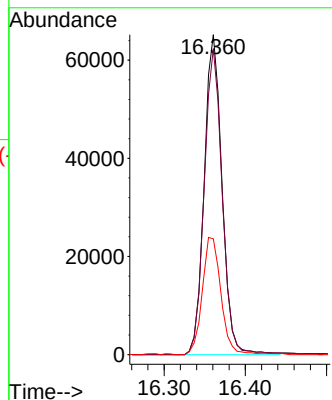
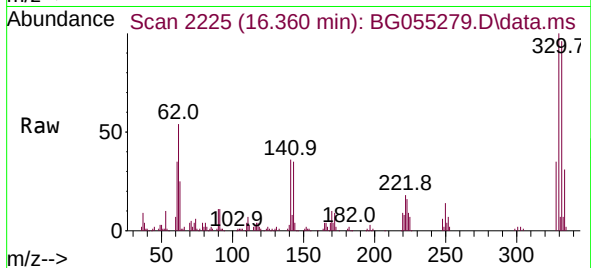
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Tgt Ion:330 Resp: 99384
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 38.7 29.8 44.8

Manual Integrations

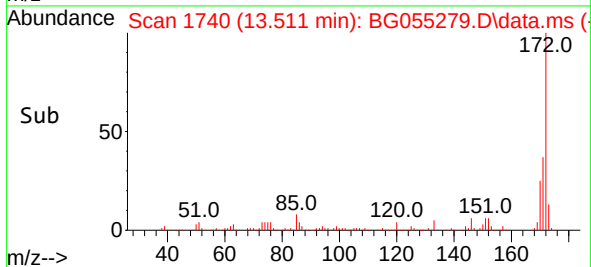
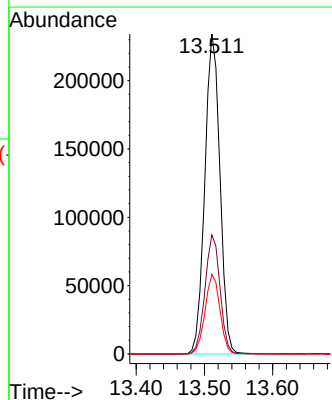
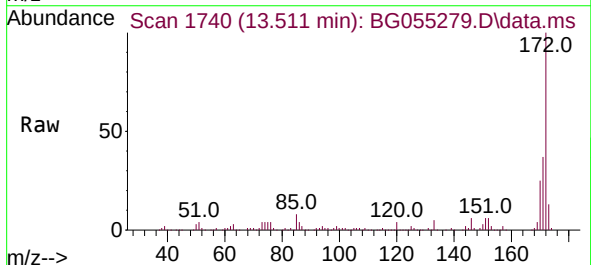
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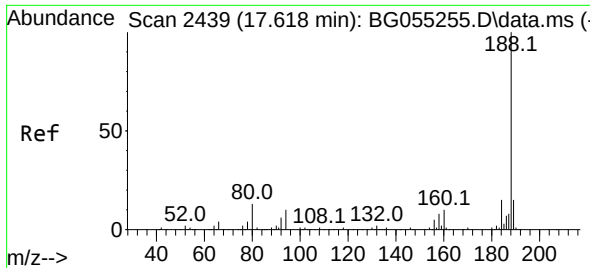
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#45
2-Fluorobiphenyl
Concen: 51.740 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Tgt Ion:172 Resp: 360272
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.8 20.2 30.2





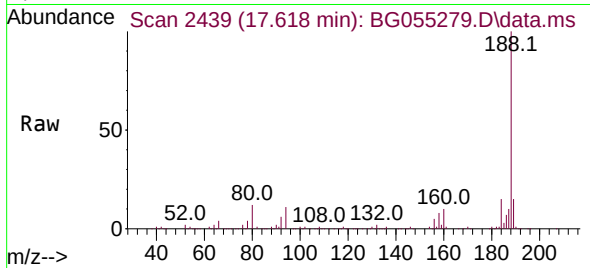
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :

BNA_G

ClientSampleId :

WC-2-102122

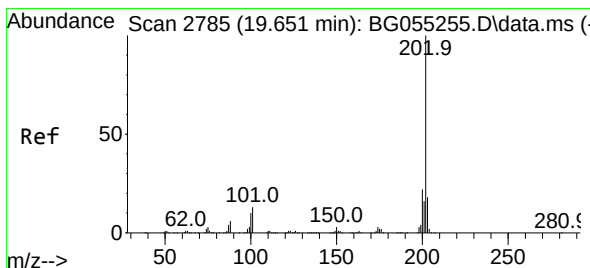
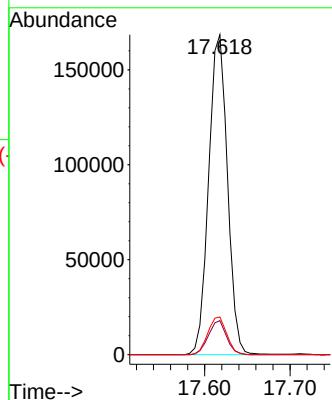
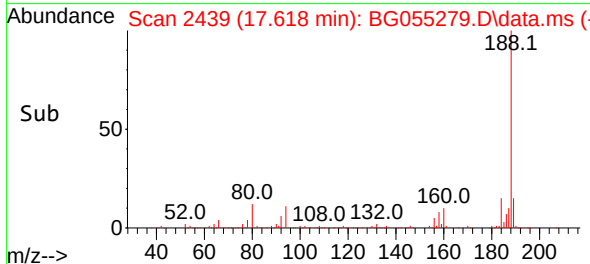


Tgt Ion:188 Resp: 257662
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.4
80 11.8 10.1 15.1

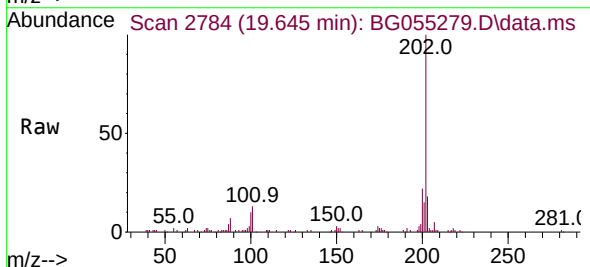
Manual Integrations

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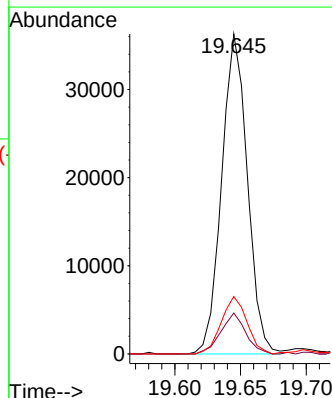
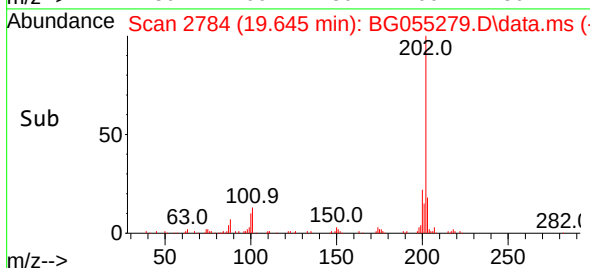
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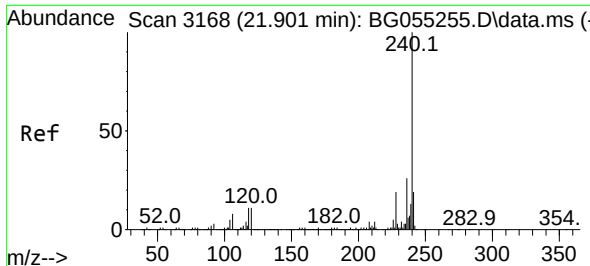


#75
Fluoranthene
Concen: 3.088 ng
RT: 19.645 min Scan# 2784
Delta R.T. -0.006 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06



Tgt Ion:202 Resp: 49444
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.6
203 17.9 0.0 38.3





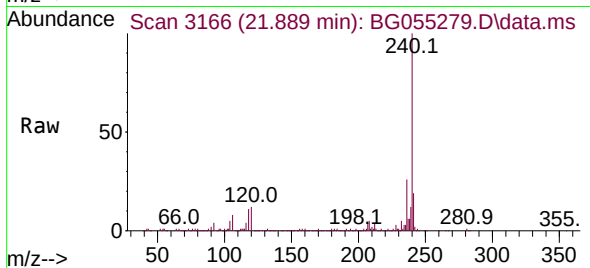
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3168
Delta R.T. -0.012 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :

BNA_G

ClientSampleId :

WC-2-102122

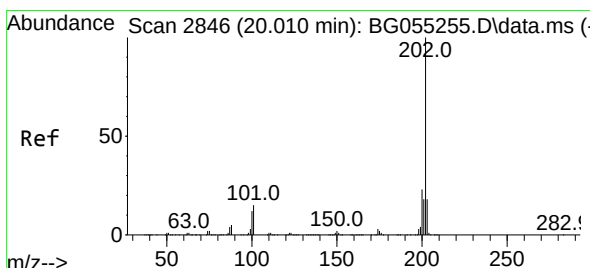
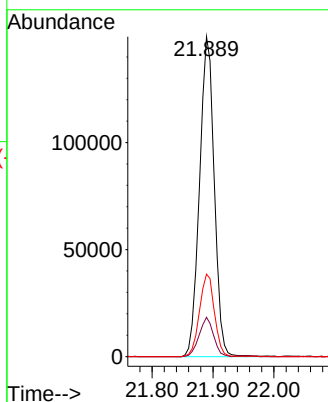
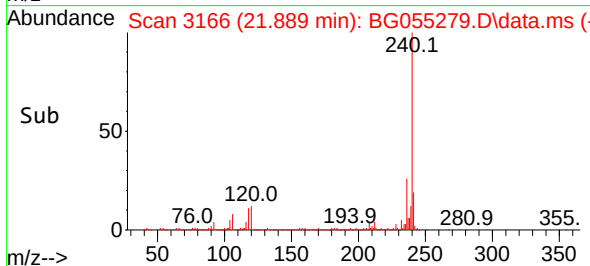


Tgt Ion:240 Resp: 251202
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.8 21.0 31.4

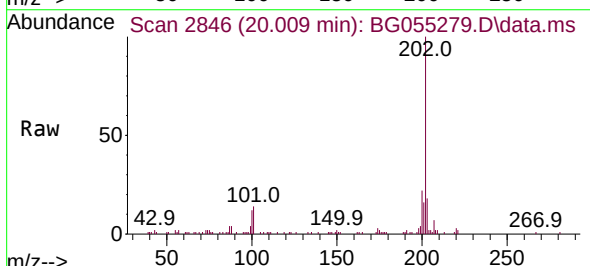
Manual Integrations

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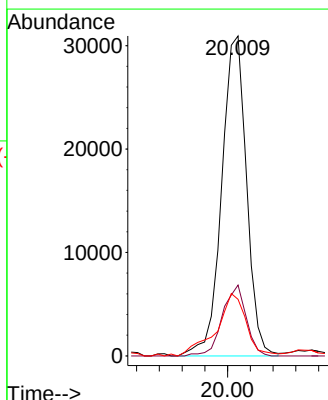
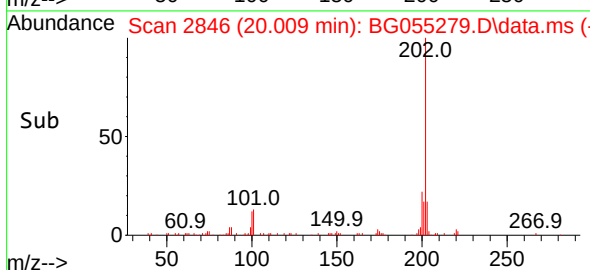
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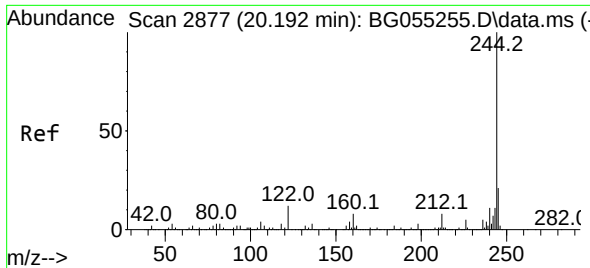


#78
Pyrene
Concen: 2.729 ng
RT: 20.009 min Scan# 2846
Delta R.T. -0.001 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06



Tgt Ion:202 Resp: 46985
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 17.7 14.3 21.5





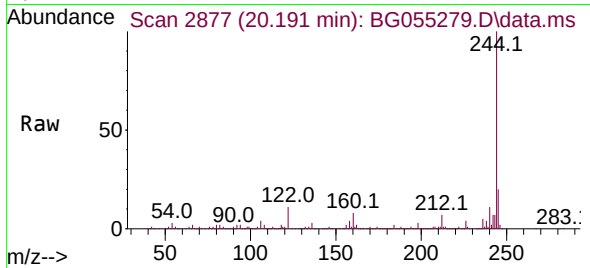
#79
 Terphenyl-d14
 Concen: 46.281 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055279.D
 Acq: 25 Oct 2022 17:06

Instrument :

BNA_G

ClientSampleId :

WC-2-102122

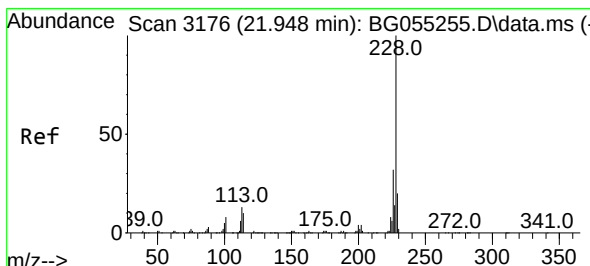
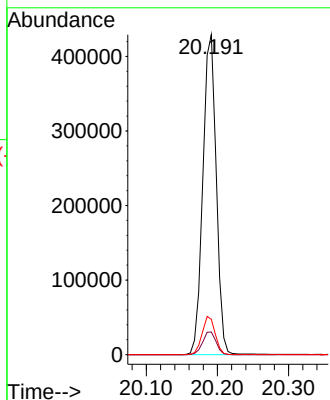
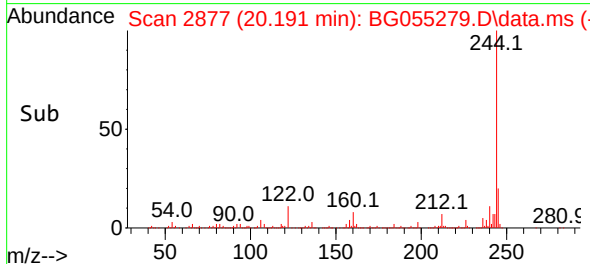


Tgt Ion:244 Resp: 559564
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.0 9.6 14.4

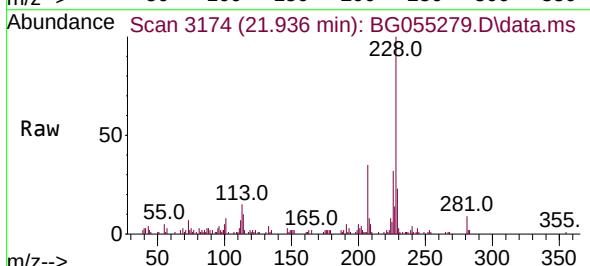
Manual Integrations

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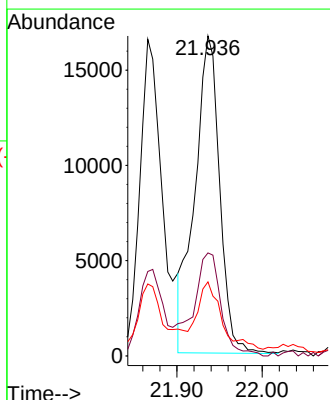
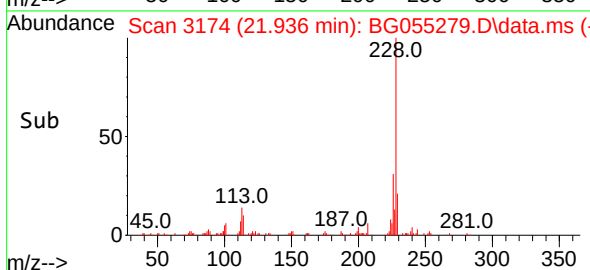
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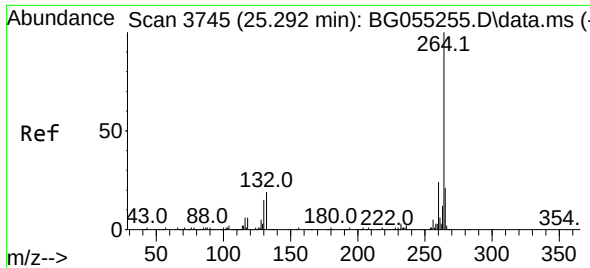


#83
 Chrysene
 Concen: 2.110 ng
 RT: 21.936 min Scan# 3174
 Delta R.T. -0.012 min
 Lab File: BG055279.D
 Acq: 25 Oct 2022 17:06



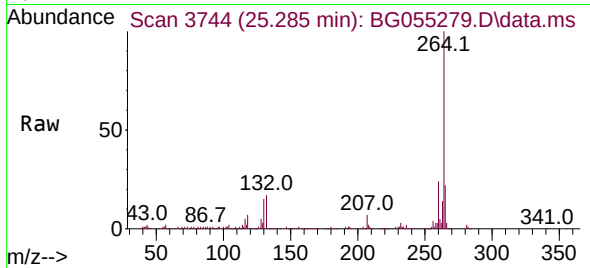
Tgt Ion:228 Resp: 33812
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.8 38.8
 229 23.1 16.3 24.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055279.D
 Acq: 25 Oct 2022 17:06

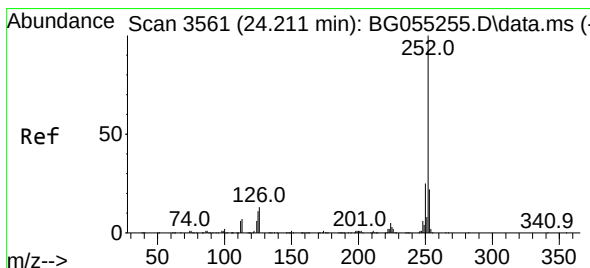
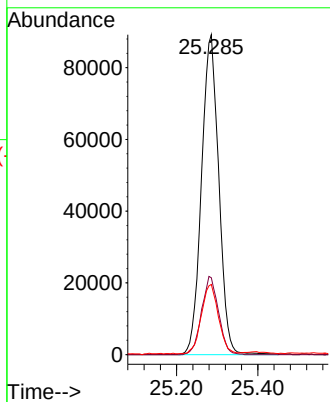
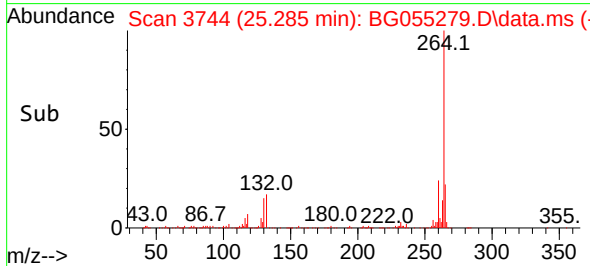
Instrument :
 BNA_G
 ClientSampleId :
 WC-2-102122



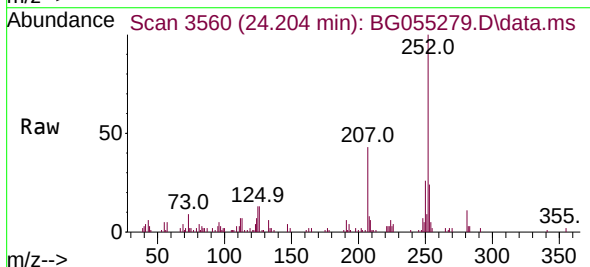
Tgt Ion:264 Resp: 263340
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.9 17.4 26.2

Manual Integrations
 APPROVED

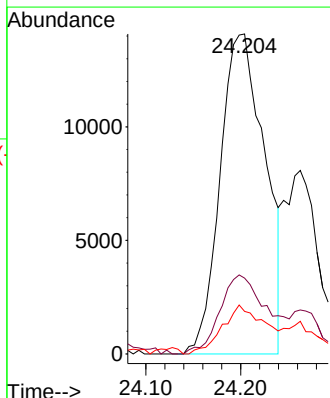
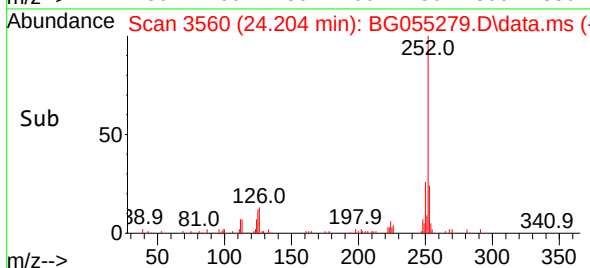
Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

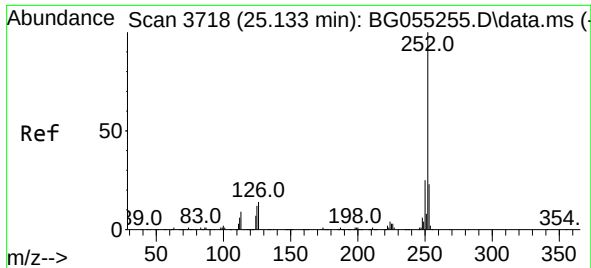


#88
 Benzo(b)fluoranthene
 Concen: 2.917 ng
 RT: 24.204 min Scan# 3560
 Delta R.T. -0.006 min
 Lab File: BG055279.D
 Acq: 25 Oct 2022 17:06



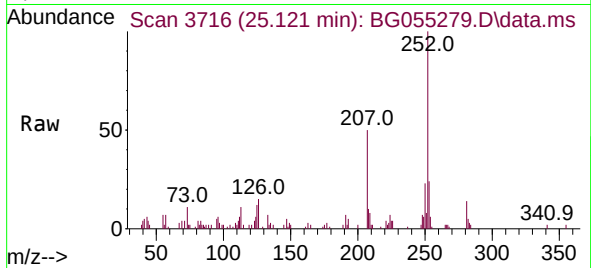
Tgt Ion:252 Resp: 46211
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.6 26.4
 125 13.3 9.0 13.4





#90
Benzo(a)pyrene
Concen: 2.461 ng
RT: 25.121 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055279.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_G
ClientSampleId :
WC-2-102122



Tgt Ion:252 Resp: 33426
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 12.2 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

