

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054525.D
 Acq On : 4 Aug 2022 19:11
 Operator : CG/JU
 Sample : N3930-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-110

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 05:03:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	19190	20.00	ng	0.00
21) Naphthalene-d8	10.796	136	77416	20.00	ng	# 0.00
39) Acenaphthene-d10	14.621	164	57210	20.00	ng	0.00
64) Phenanthrene-d10	17.371	188	129061	20.00	ng	# 0.00
76) Chrysene-d12	21.642	240	138154	20.00	ng	# 0.00
86) Perylene-d12	24.850	264	127874	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	84578	92.02	ng	0.00
7) Phenol-d6	7.183	99	116571	92.56	ng	0.01
23) Nitrobenzene-d5	9.151	82	78399	55.15	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	96361	80.22	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	227889	56.19	ng	0.00
79) Terphenyl-d14	19.979	244	373919	53.69	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.412	178	43571	6.78	ng	97
75) Fluoranthene	19.427	202	100503	11.47	ng	95
78) Pyrene	19.786	202	88684	11.19	ng	98
81) Benzo(a)anthracene	21.619	228	55736	6.36	ng	96
83) Chrysene	21.683	228	54258	6.55	ng	# 93
88) Benzo(b)fluoranthene	23.834	252	68340	9.04	ng	95
89) Benzo(k)fluoranthene	23.881	252	31976m	4.25	ng	
90) Benzo(a)pyrene	24.703	252	50270	7.78	ng	# 92

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

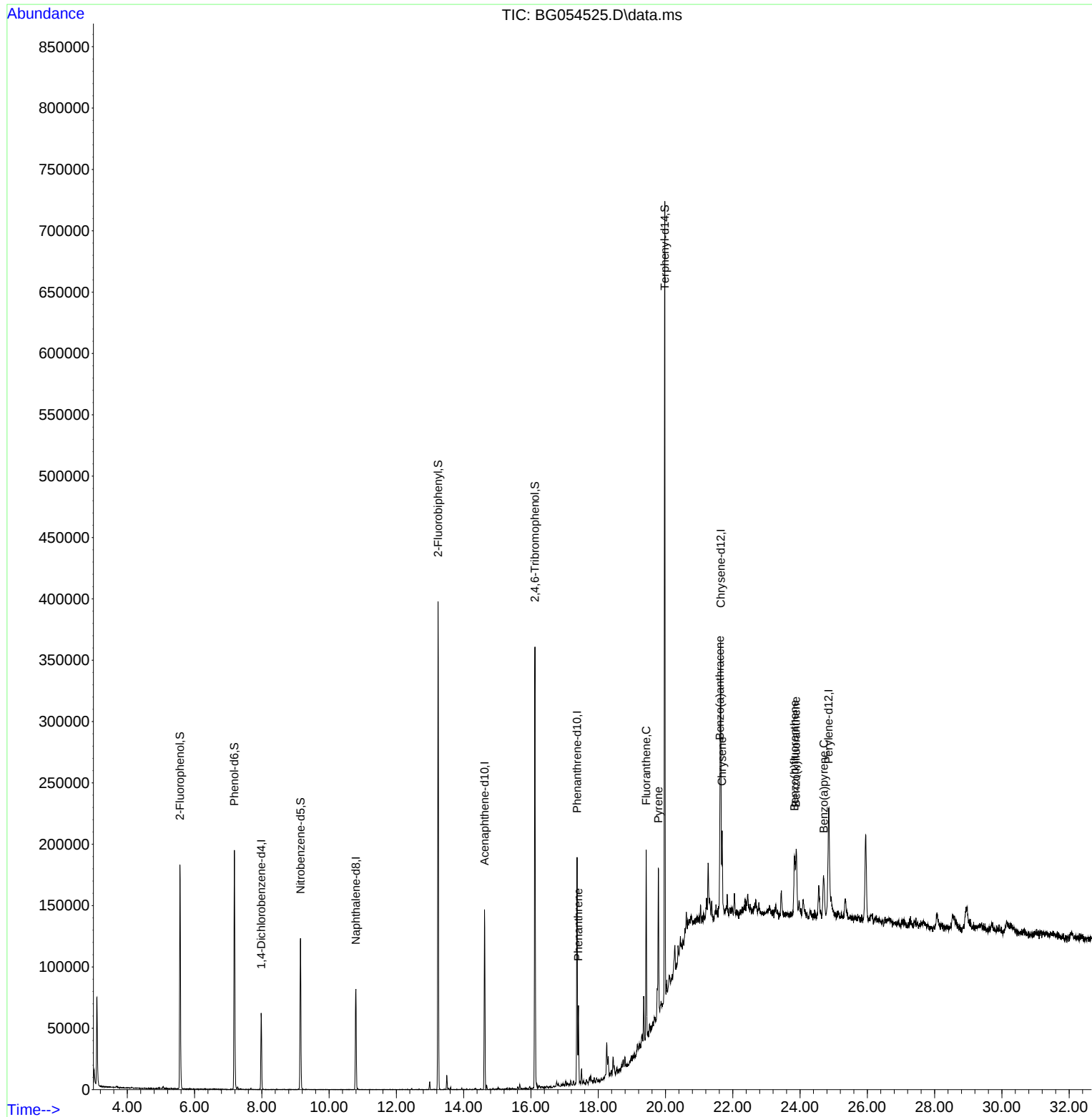
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
Data File : BG054525.D
Acq On : 4 Aug 2022 19:11
Operator : CG/JU
Sample : N3930-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

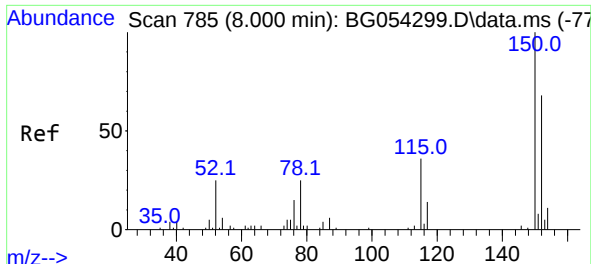
Instrument :
BNA_G
ClientSampleId :
RVE-110

Quant Time: Aug 05 05:03:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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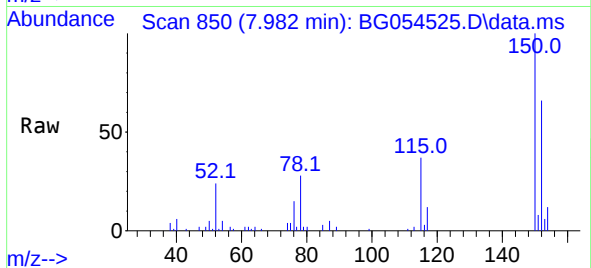
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

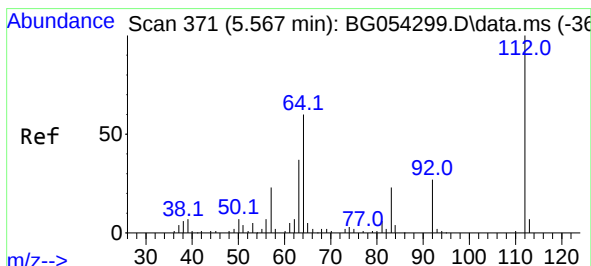
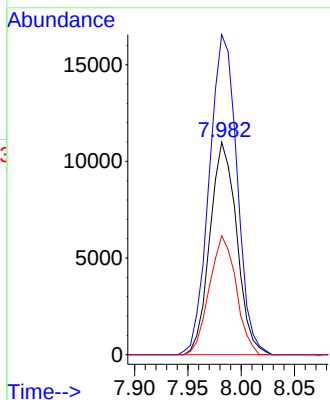
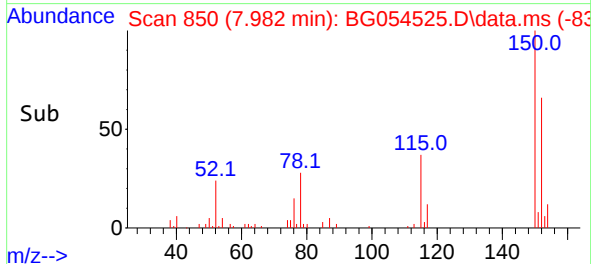
Instrument :
BNA_G
ClientSampleId :
RVE-110



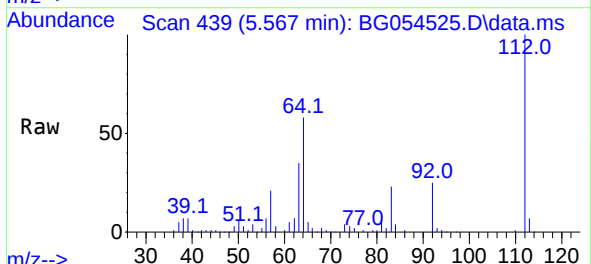
Tgt Ion:152 Resp: 19190
Ion Ratio Lower Upper
152 100
150 150.7 131.6 197.4
115 55.9 50.9 76.3

Manual Integrations
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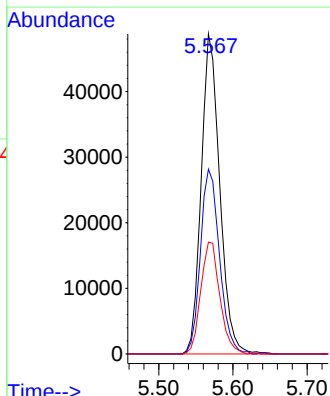
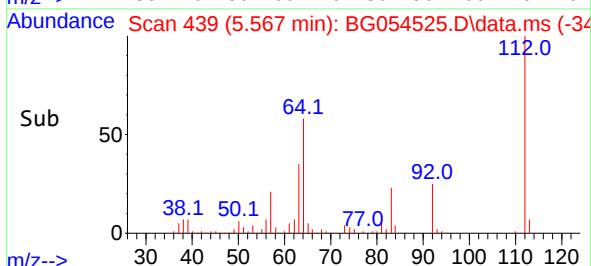
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

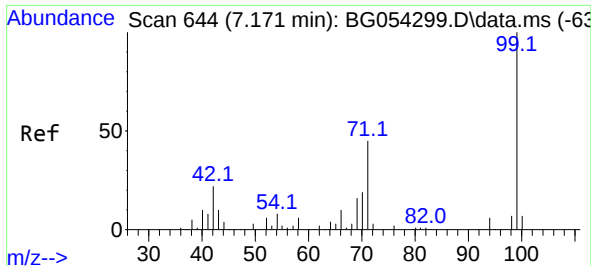


#5
2-Fluorophenol
Concen: 92.02 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11



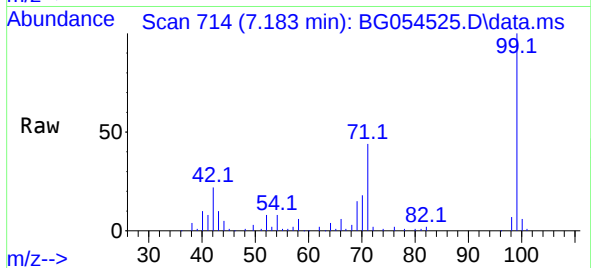
Tgt Ion:112 Resp: 84578
Ion Ratio Lower Upper
112 100
64 57.8 55.1 82.7
63 35.0 30.4 45.6





#7
Phenol-d6
Concen: 92.56 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

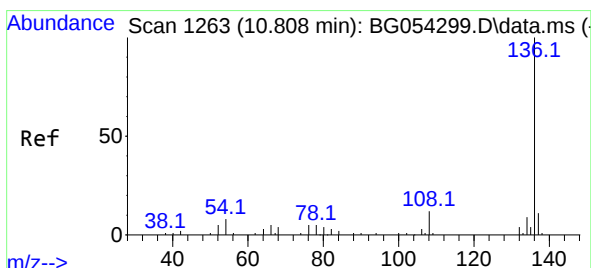
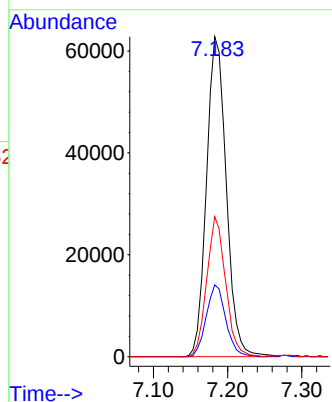
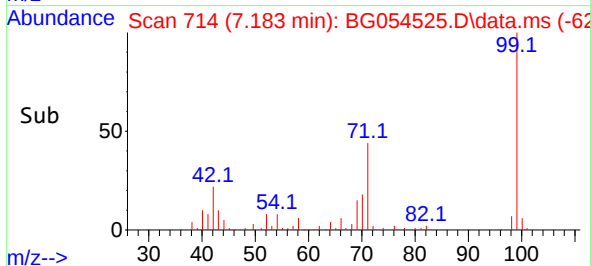
Instrument :
BNA_G
ClientSampleId :
RVE-110



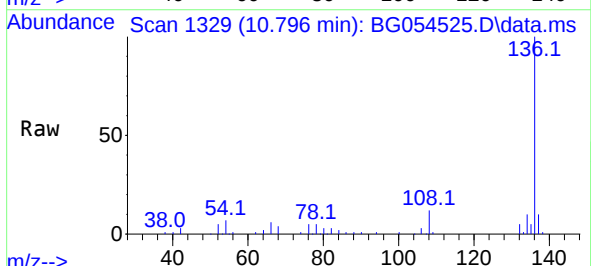
Tgt Ion: 99 Resp: 11657
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 43.8 33.8 50.8

Manual Integrations
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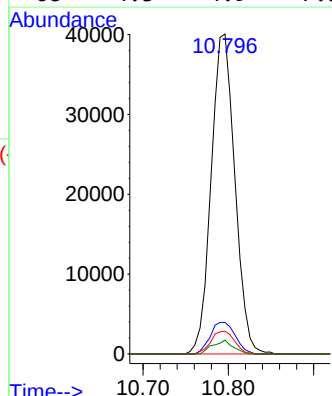
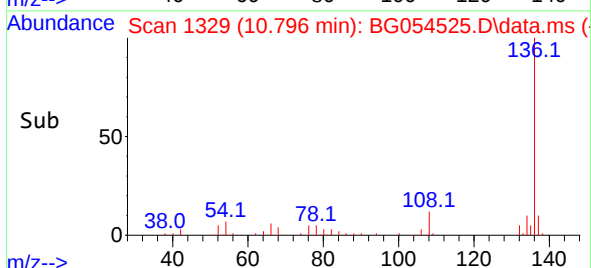
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

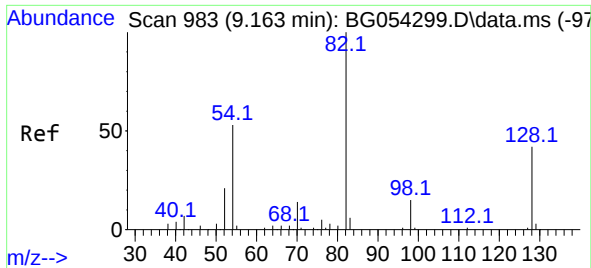


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11



Tgt Ion:136 Resp: 77416
Ion Ratio Lower Upper
136 100
137 9.8 8.5 12.7
54 7.1 7.4 11.2#
68 4.3 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 55.15 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Instrument :

BNA_G

ClientSampleId :

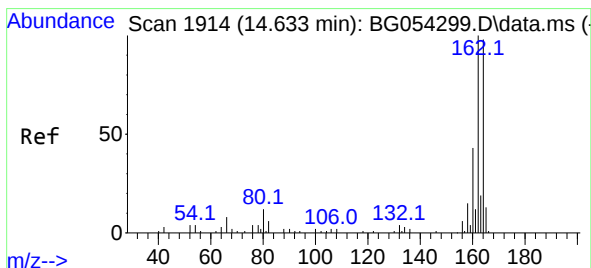
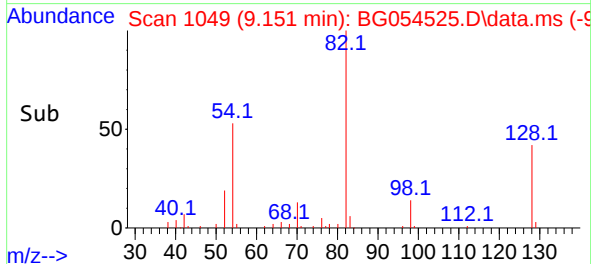
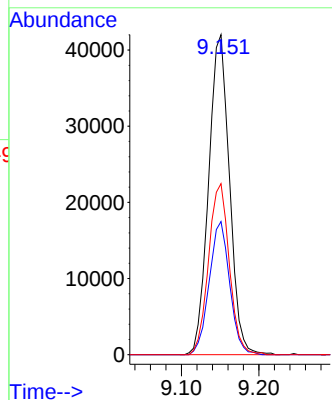
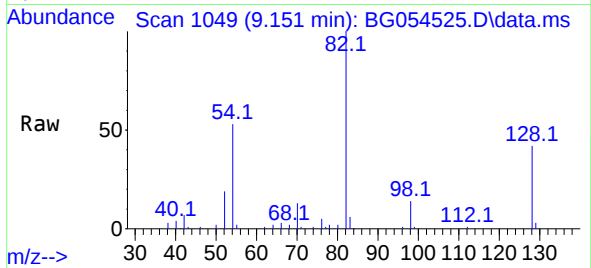
RVE-110

Tgt Ion: 82 Resp: 78399
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 53.5 41.2 61.8

Manual Integrations

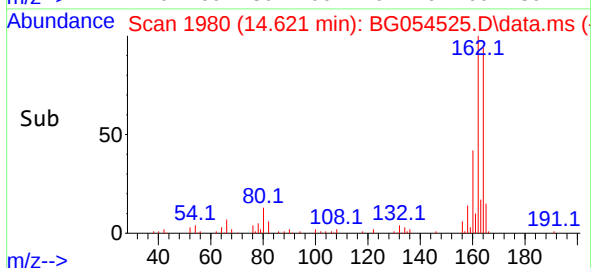
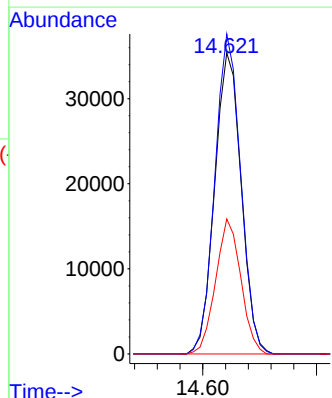
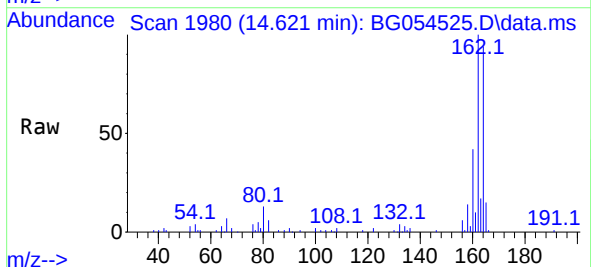
APPROVED

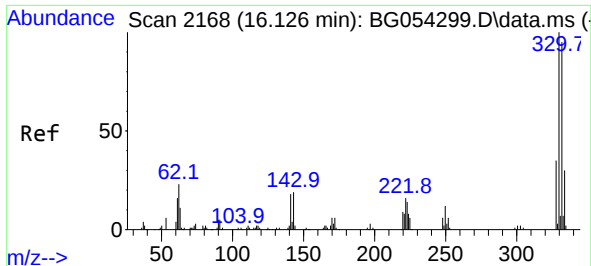
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:164 Resp: 57210
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 44.9 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 80.22 ng
RT: 16.119 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Instrument :

BNA_G

ClientSampleId :

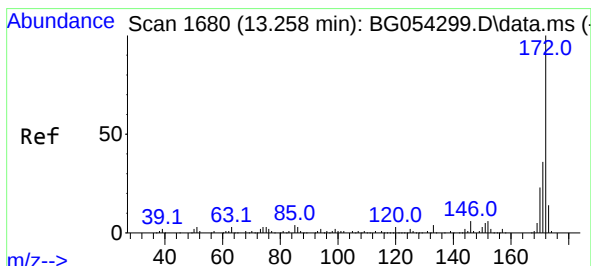
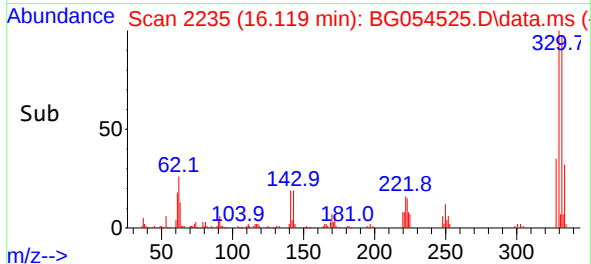
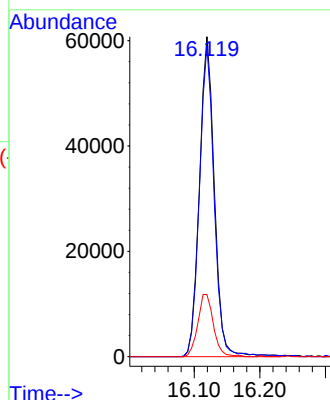
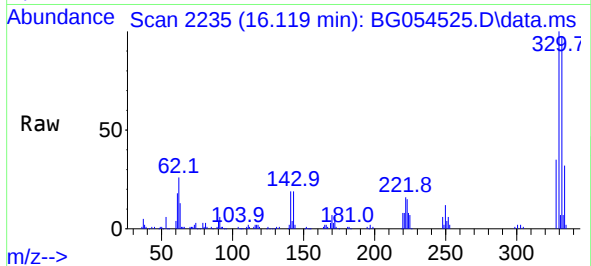
RVE-110

Tgt Ion:330 Resp: 9636
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 20.4 27.1 40.7

Manual Integrations

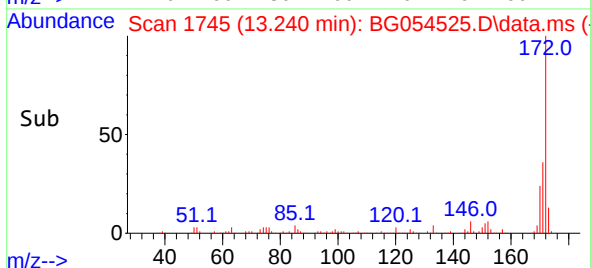
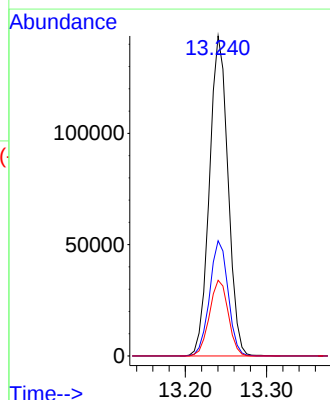
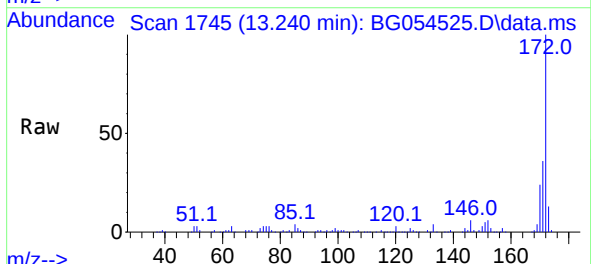
APPROVED

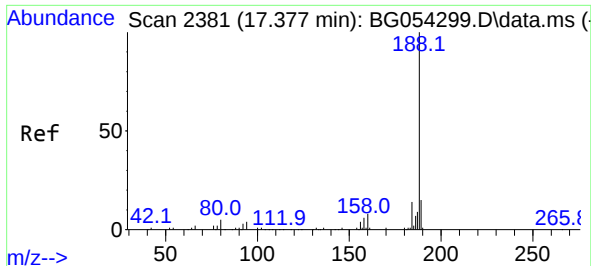
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 56.19 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

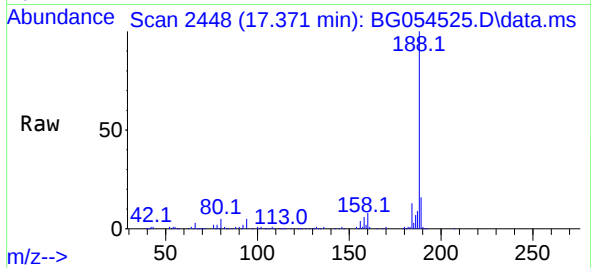
Tgt Ion:172 Resp: 227889
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

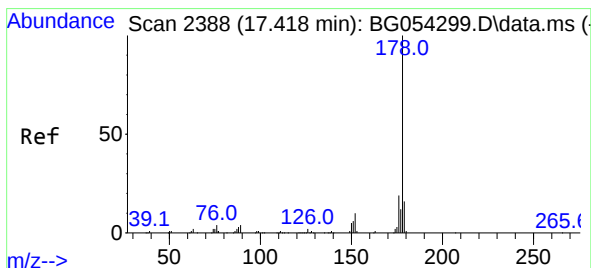
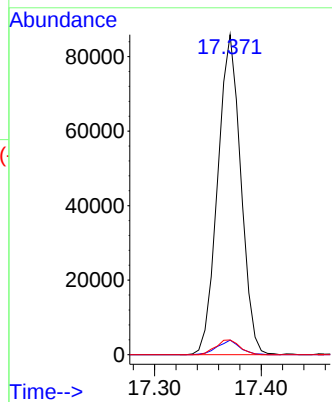
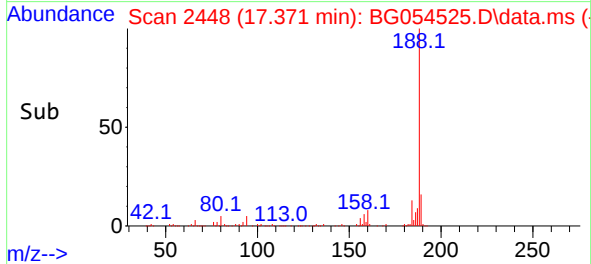
Instrument :
BNA_G
ClientSampleId :
RVE-110



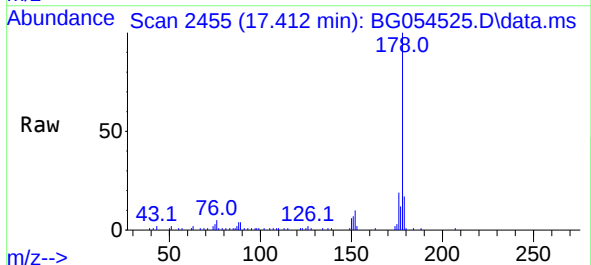
Tgt Ion:188 Resp: 12906
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0
80 4.6 6.8 10.2

Manual Integrations
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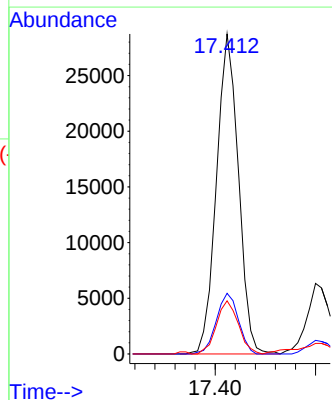
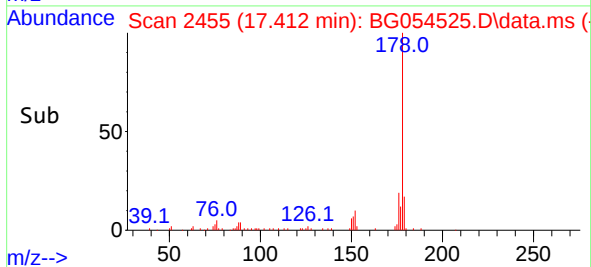
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

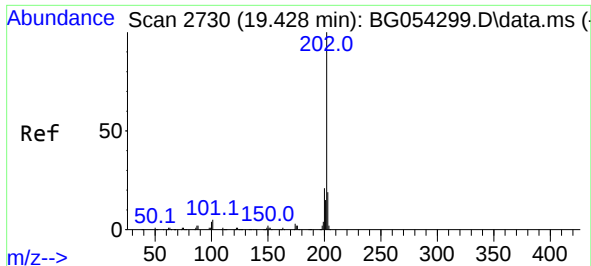


#71
Phenanthrene
Concen: 6.78 ng
RT: 17.412 min Scan# 2455
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11



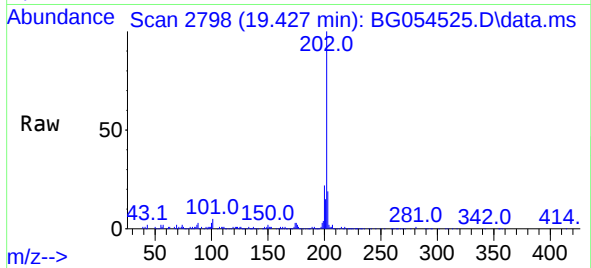
Tgt Ion:178 Resp: 43571
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 16.6 12.1 18.1





#75
Fluoranthene
Concen: 11.47 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

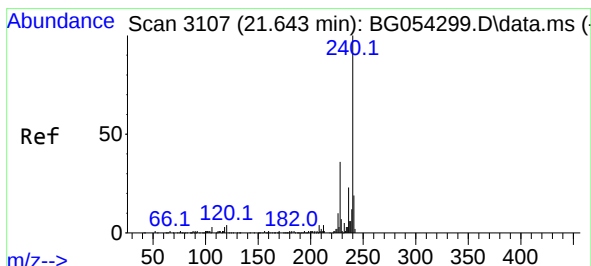
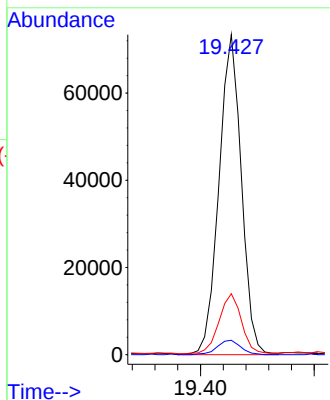
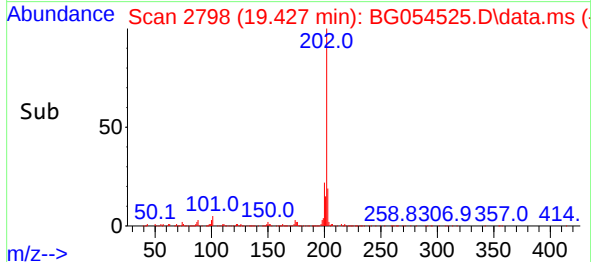
Instrument :
BNA_G
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RVE-110



Tgt Ion:202 Resp: 100500
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 19.1 0.0 37.2

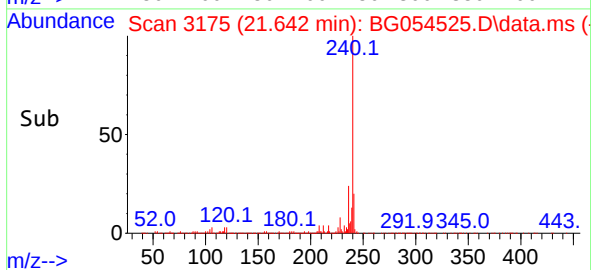
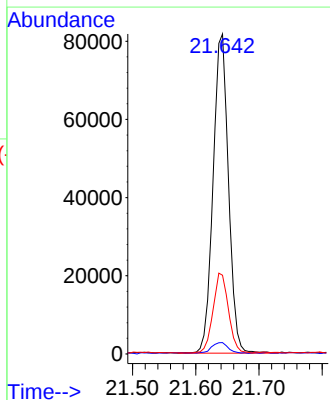
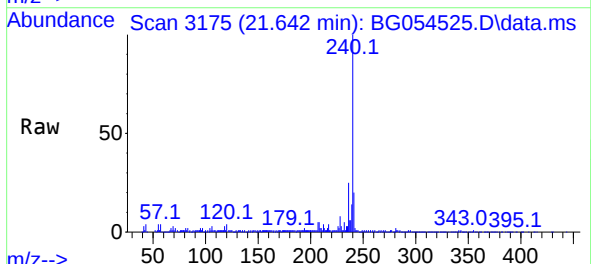
Manual Integrations
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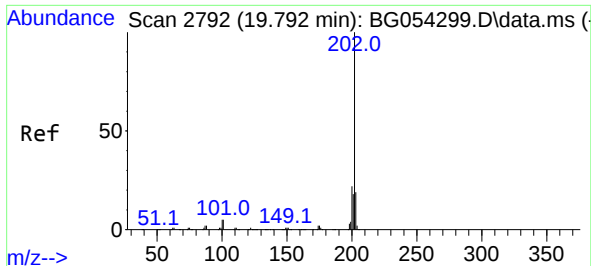
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.642 min Scan# 3175
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:240 Resp: 138154
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.6 20.2 30.4





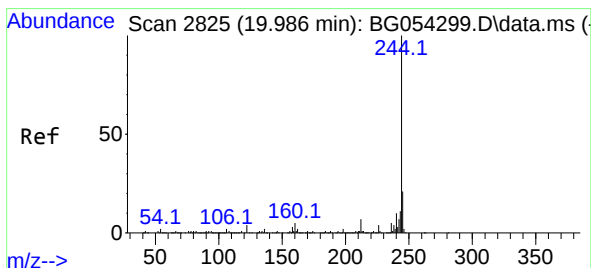
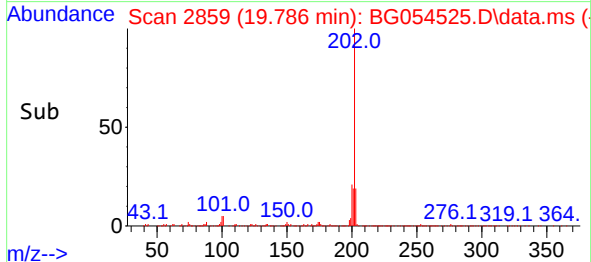
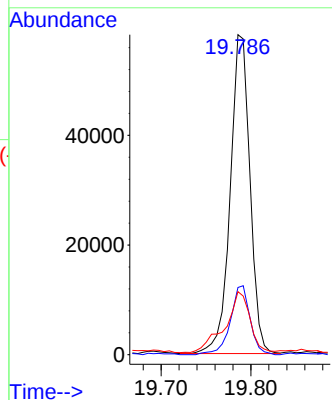
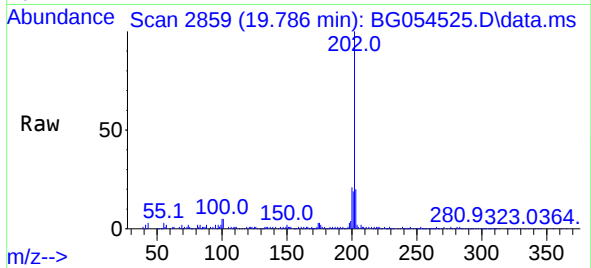
#78
Pyrene
Concen: 11.19 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Instrument :
BNA_G
ClientSampleId :
RVE-110

Tgt Ion:202 Resp: 88684
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 19.7 14.6 21.8

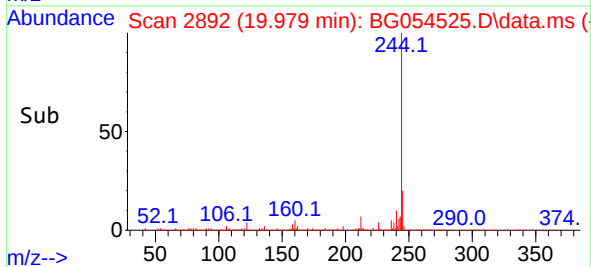
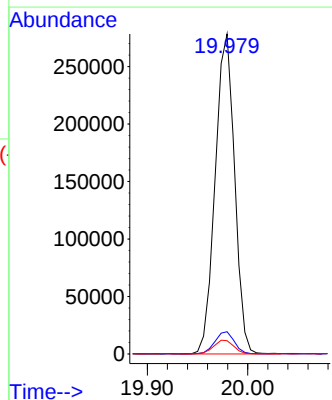
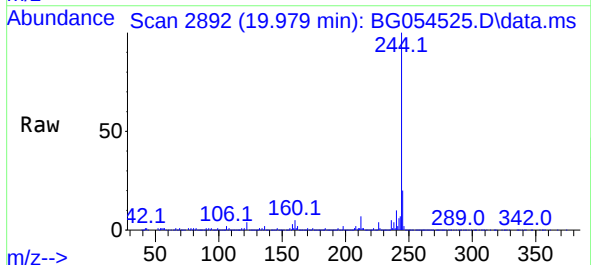
Manual Integrations
APPROVED

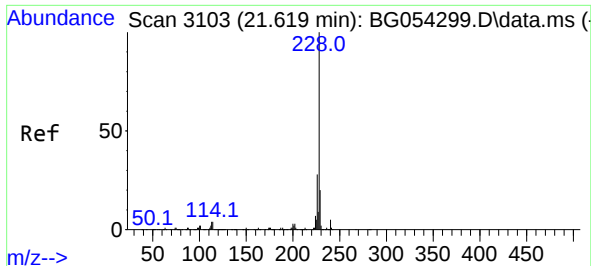
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 53.69 ng
RT: 19.979 min Scan# 2892
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

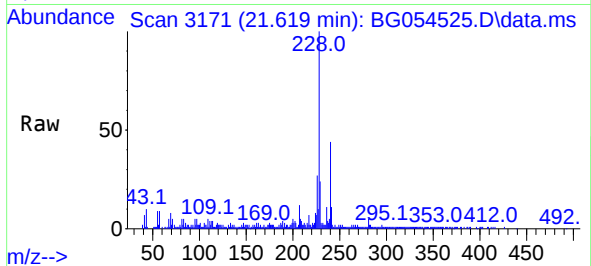
Tgt Ion:244 Resp: 373919
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 4.2 5.0 7.4#





#81
Benzo(a)anthracene
Concen: 6.36 ng
RT: 21.619 min Scan# 3103
Delta R.T. 0.005 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

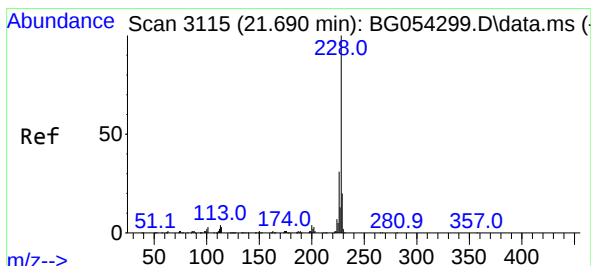
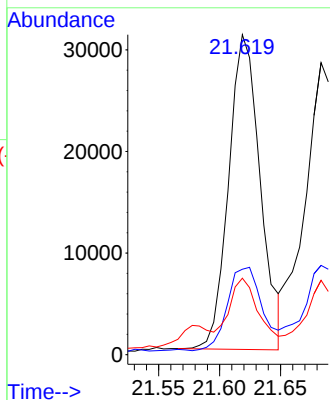
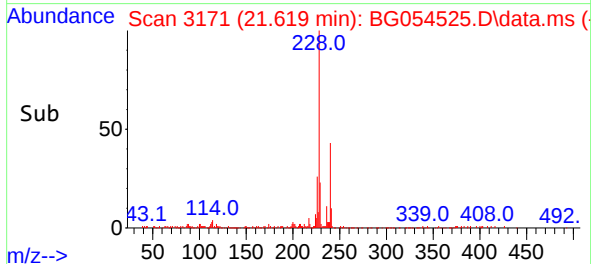
Instrument :
BNA_G
ClientSampleId :
RVE-110



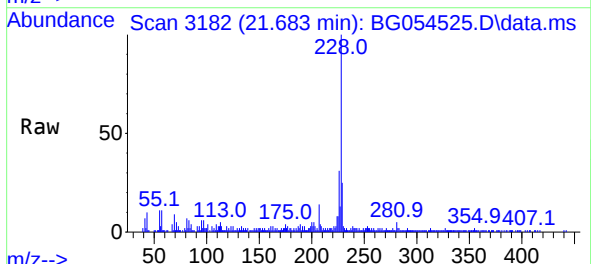
Tgt Ion:228 Resp: 55730
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 23.9 16.2 24.2

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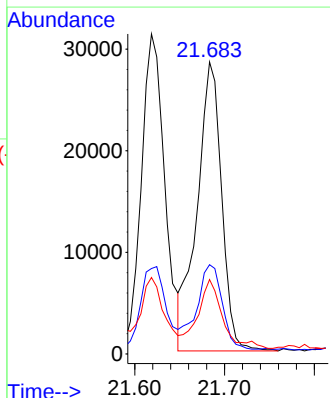
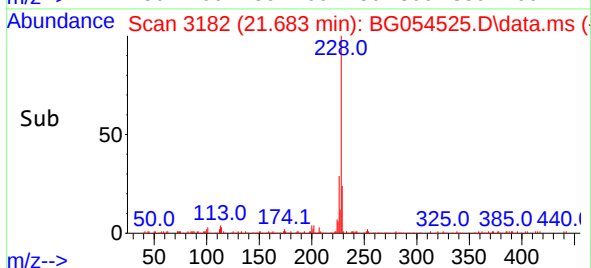
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

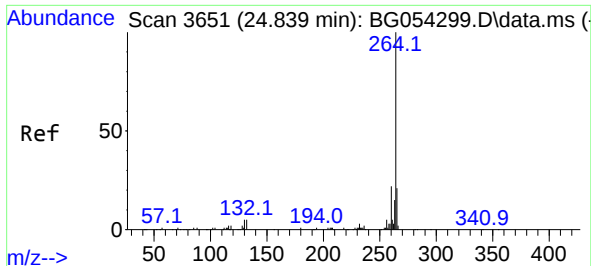


#83
Chrysene
Concen: 6.55 ng
RT: 21.683 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11



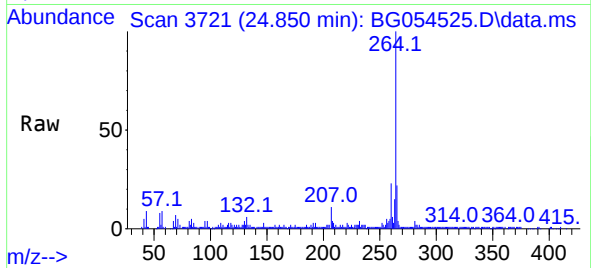
Tgt Ion:228 Resp: 54258
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.2
229 25.5 15.5 23.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.850 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

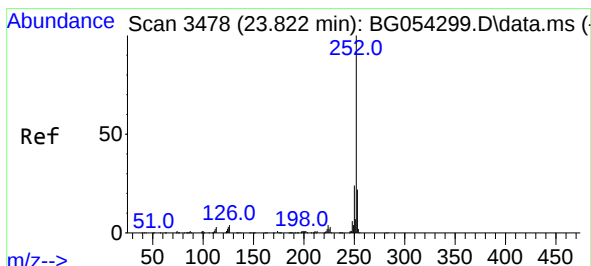
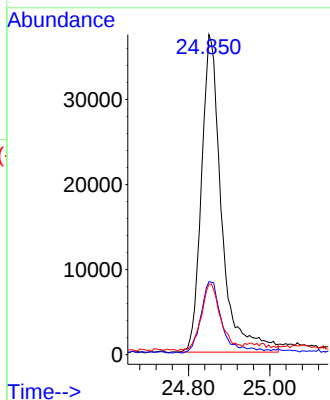
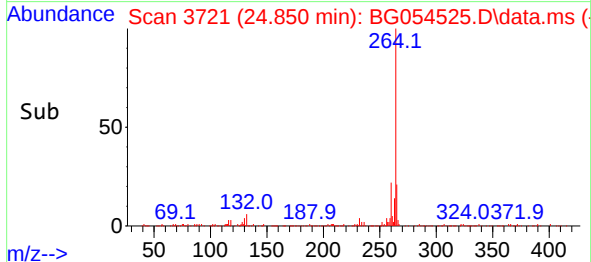
Instrument :
BNA_G
ClientSampleId :
RVE-110



Tgt Ion:264 Resp: 127874
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 22.0 17.4 26.2

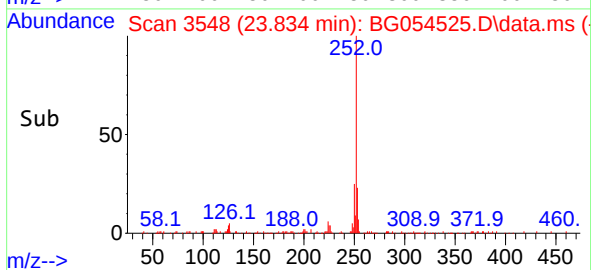
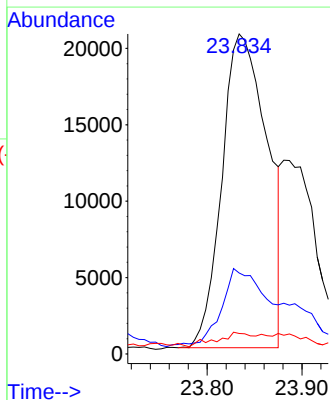
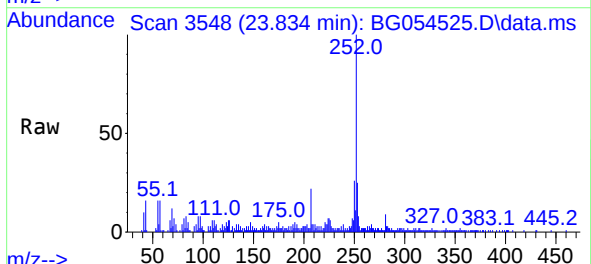
Manual Integrations
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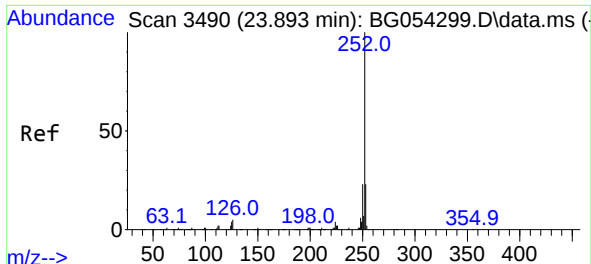
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 9.04 ng
RT: 23.834 min Scan# 3548
Delta R.T. 0.011 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

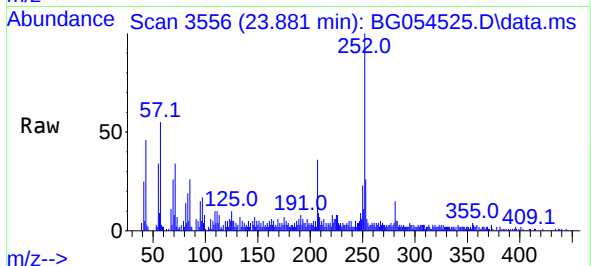
Tgt Ion:252 Resp: 68340
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 6.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 4.25 ng m
RT: 23.881 min Scan# 3197
Delta R.T. -0.007 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

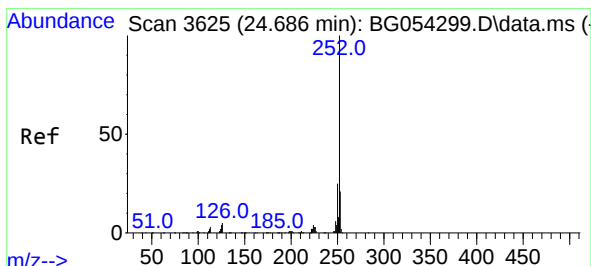
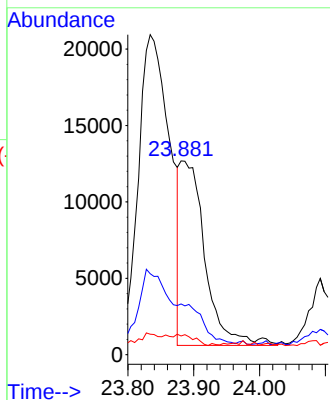
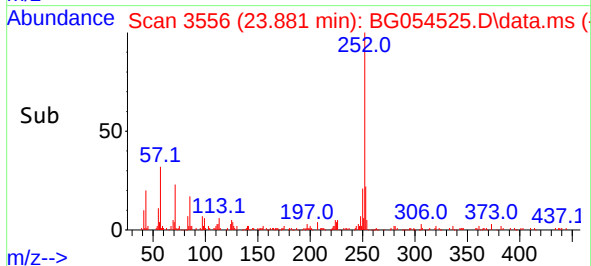
Instrument :
BNA_G
ClientSampleId :
RVE-110



Tgt Ion:252 Resp: 31970
Ion Ratio Lower Upper
252 100
253 26.2 18.4 27.6
125 9.6 4.8 7.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 7.78 ng
RT: 24.703 min Scan# 3696
Delta R.T. 0.017 min
Lab File: BG054525.D
Acq: 4 Aug 2022 19:11

Tgt Ion:252 Resp: 50270
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 8.7 4.3 6.5

