

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053326.D
 Acq On : 26 Apr 2022 18:52
 Operator : CG/JU
 Sample : N2482-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COP-2R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:37:58 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	8.107	152	18156	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	73675	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	60223	20.000	ng	0.00
64) Phenanthrene-d10	17.470	188	175532	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	213210	20.000	ng	-0.01
86) Perylene-d12	25.048	264	213796	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	89790	84.774	ng	0.00
7) Phenol-d6	7.267	99	88925	54.444	ng	0.00
23) Nitrobenzene-d5	9.264	82	153784	84.753	ng	-0.01
42) 2,4,6-Tribromophenol	16.219	330	141001	147.164	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	344708	78.927	ng	0.00
79) Terphenyl-d14	20.079	244	1030209	81.606	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.142	146	5663m	4.181	ng	
14) 1,2-Dichlorobenzene	8.459	146	3312	2.535	ng	90
35) Caprolactam	11.831	113	2567	5.481	ng	91
60) Diethylphthalate	15.526	149	10212	2.023	ng	94

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

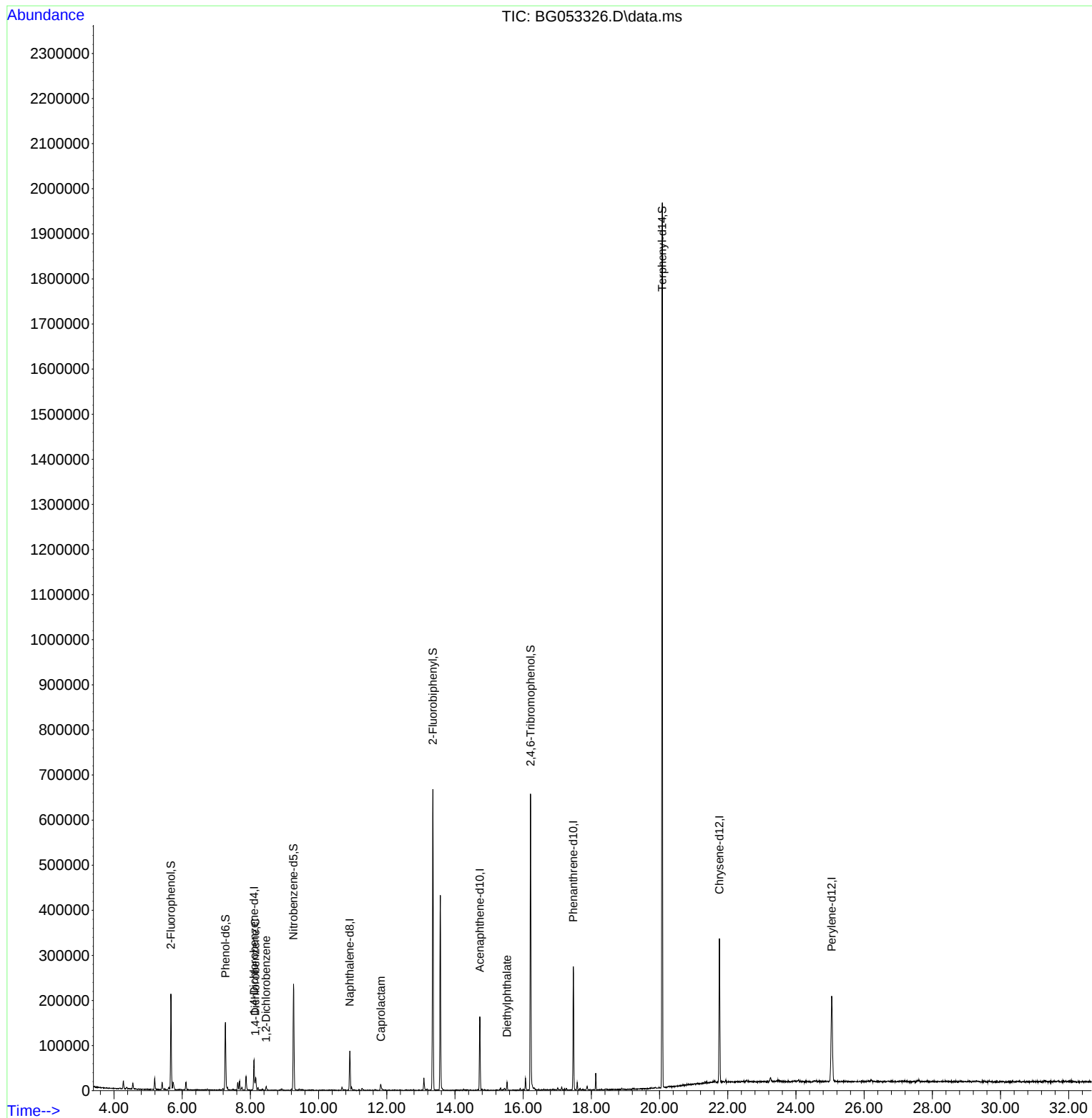
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053326.D
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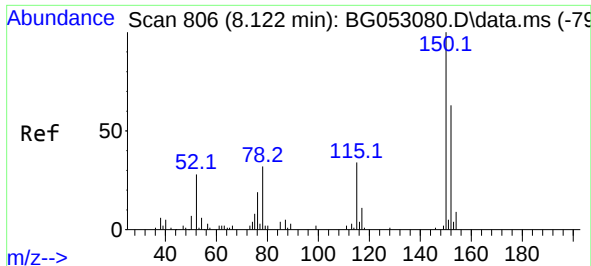
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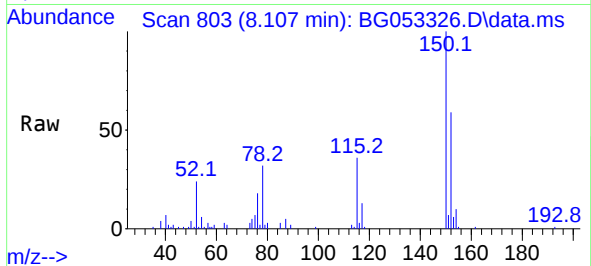
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

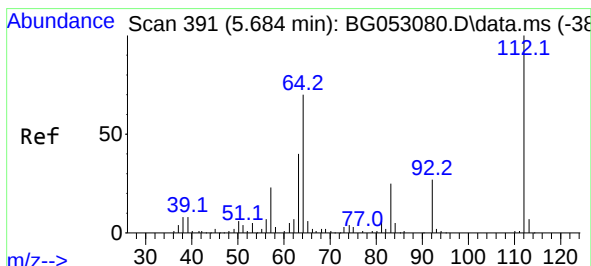
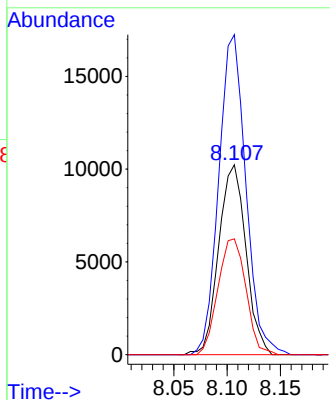
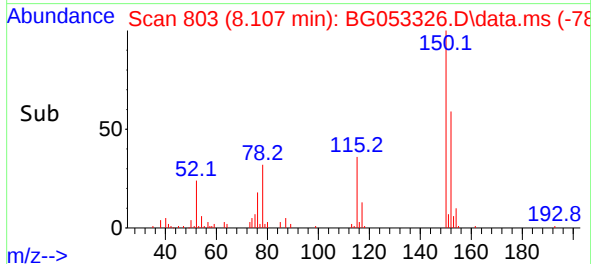
Instrument :
BNA_G
ClientSampleId :
COP-2R



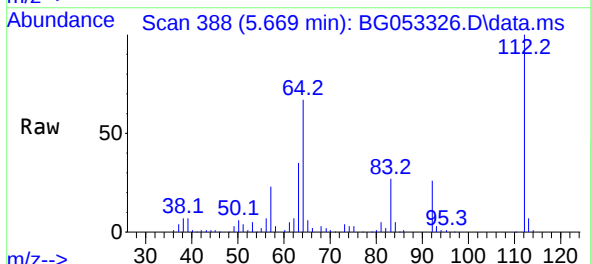
Tgt Ion:152 Resp: 18150
Ion Ratio Lower Upper
152 100
150 168.4 114.6 172.0
115 61.0 45.9 68.9

Manual Integrations
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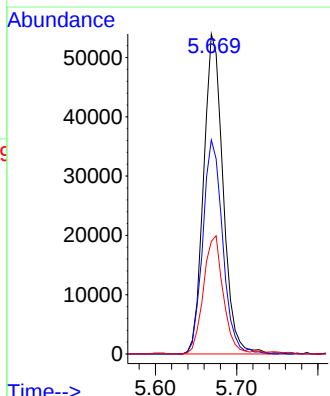
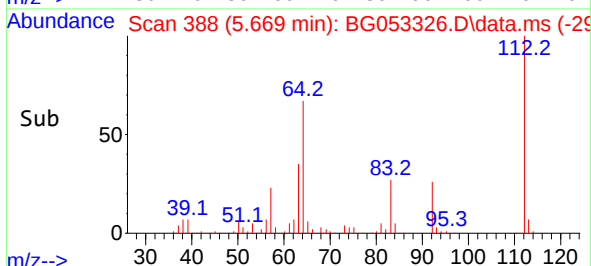
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#5
2-Fluorophenol
Concen: 84.774 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52



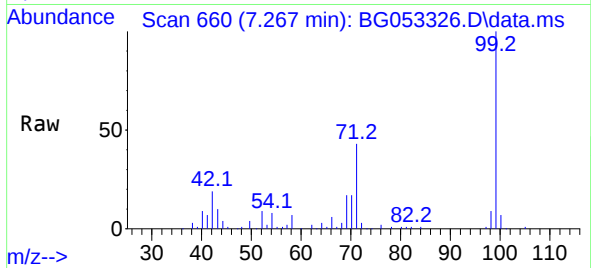
Tgt Ion:112 Resp: 89790
Ion Ratio Lower Upper
112 100
64 66.9 48.0 72.0
63 35.2 26.5 39.7





#7
Phenol-d6
Concen: 54.444 ng
RT: 7.267 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

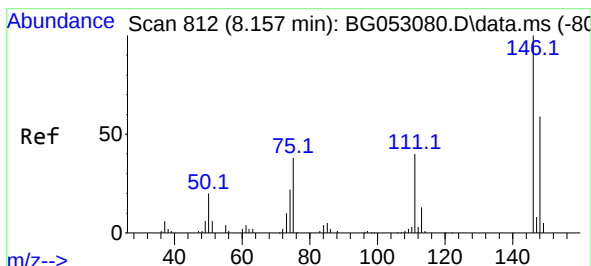
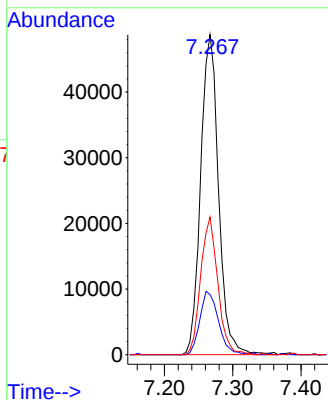
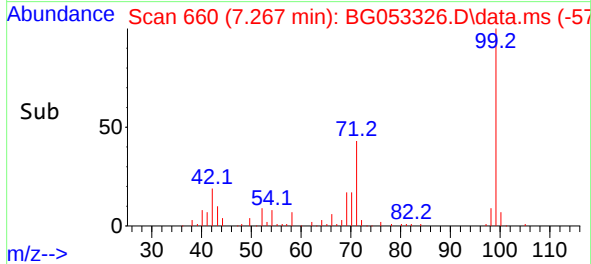
Instrument :
BNA_G
ClientSampleId :
COP-2R



Tgt Ion: 99 Resp: 8892
Ion Ratio Lower Upper
99 100
42 18.8 14.7 22.1
71 43.0 29.2 43.8

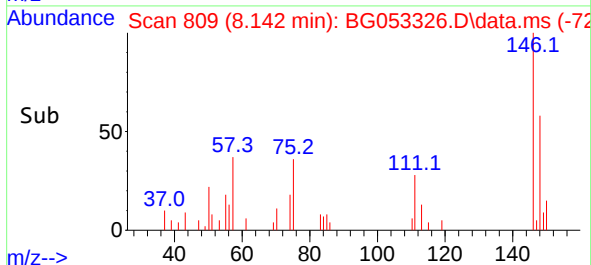
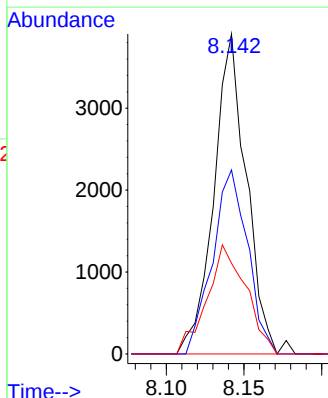
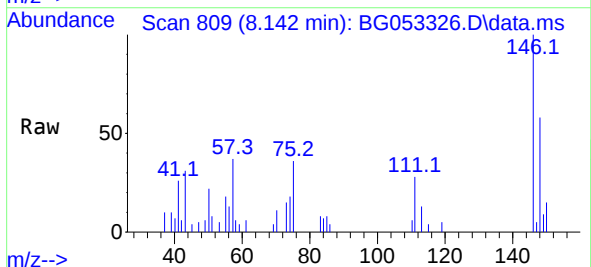
Manual Integrations
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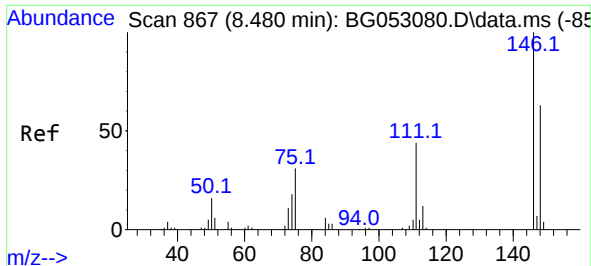
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#13
1,4-Dichlorobenzene
Concen: 4.181 ng m
RT: 8.142 min Scan# 809
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

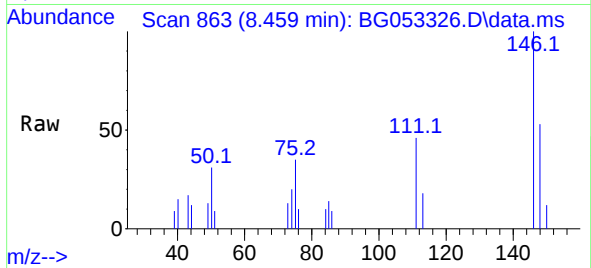
Tgt Ion:146 Resp: 5663
Ion Ratio Lower Upper
146 100
148 57.5 50.0 75.0
111 28.3 31.0 46.4#





#14
1,2-Dichlorobenzene
Concen: 2.535 ng
RT: 8.459 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

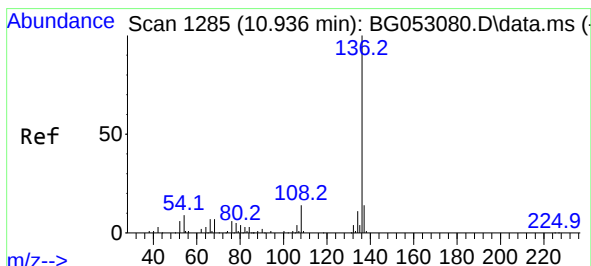
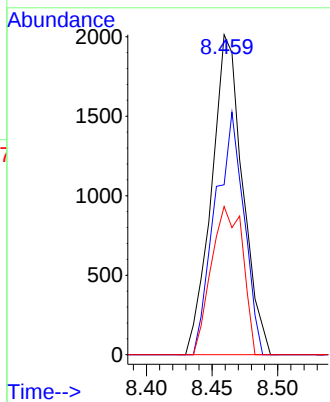
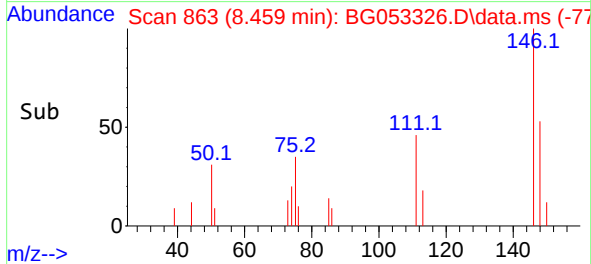
Instrument :
BNA_G
ClientSampleId :
COP-2R



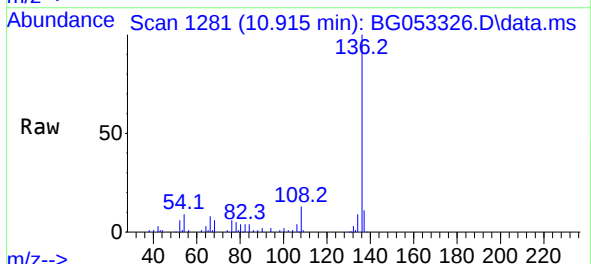
Tgt Ion:146 Resp: 3312
Ion Ratio Lower Upper
146 100
148 53.1 51.0 76.6
111 46.3 34.7 52.1

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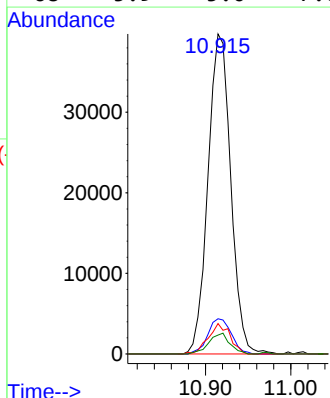
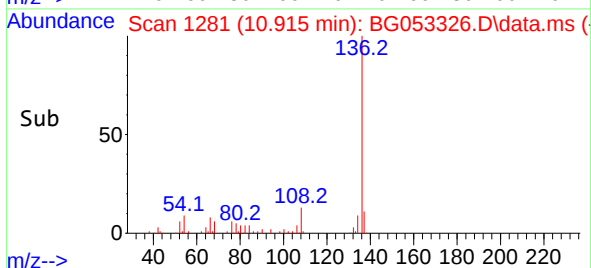
Reviewed By :Christian Giraldo 04/27/2022
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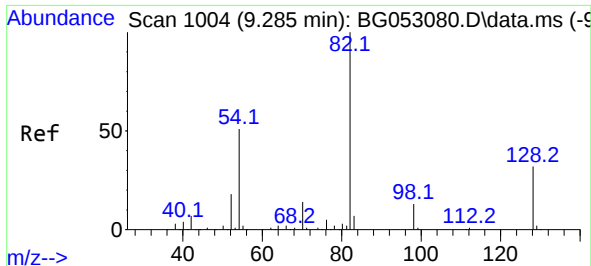


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52



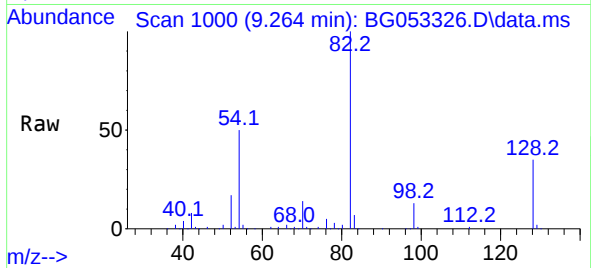
Tgt Ion:136 Resp: 73675
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.5 6.4 9.6
68 5.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 84.753 ng
RT: 9.264 min Scan# 10
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

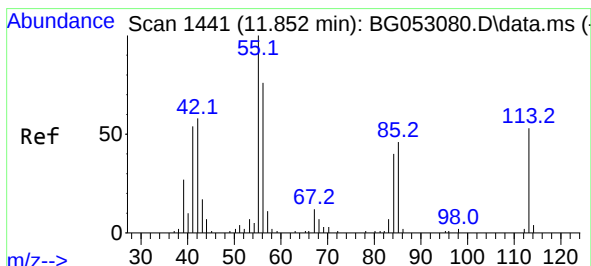
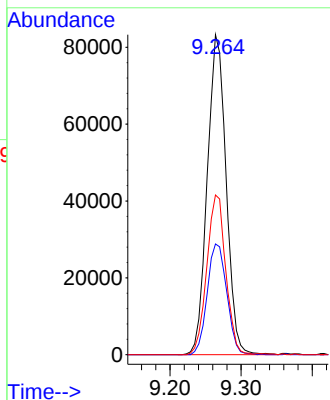
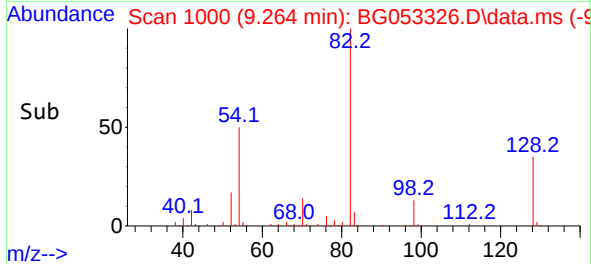
Instrument :
BNA_G
ClientSampleId :
COP-2R



Tgt Ion: 82 Resp: 153784
Ion Ratio Lower Upper
82 100
128 34.6 31.3 46.9
54 49.9 37.8 56.8

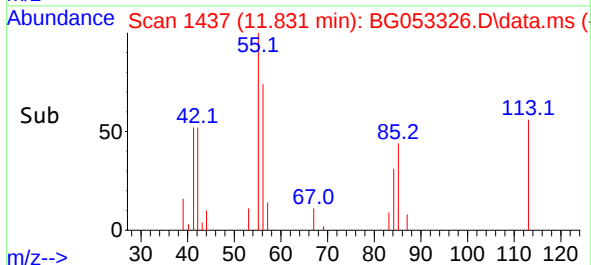
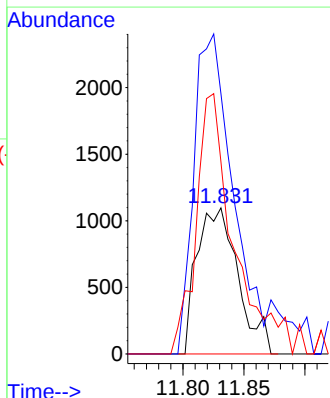
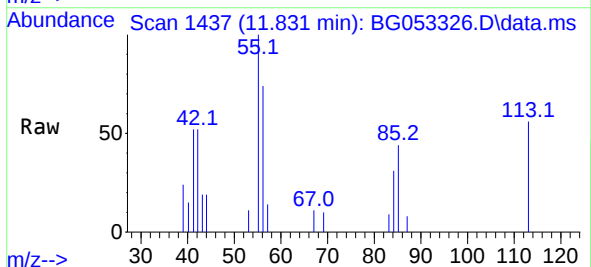
Manual Integrations
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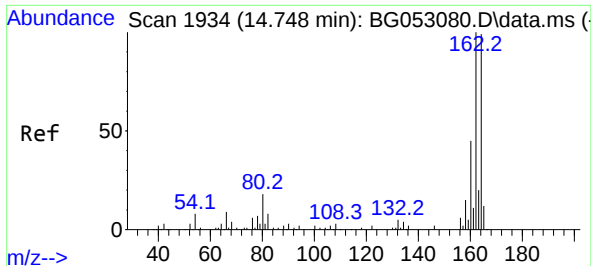
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#35
Caprolactam
Concen: 5.481 ng
RT: 11.831 min Scan# 1437
Delta R.T. -0.019 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

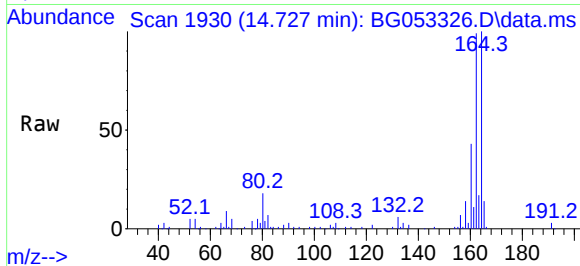
Tgt Ion:113 Resp: 2567
Ion Ratio Lower Upper
113 100
55 178.3 151.3 191.3
56 131.6 128.5 168.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

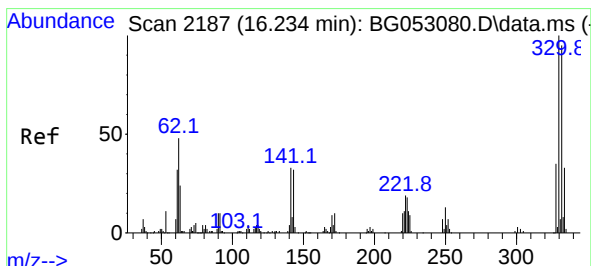
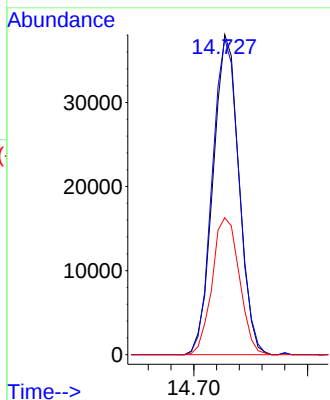
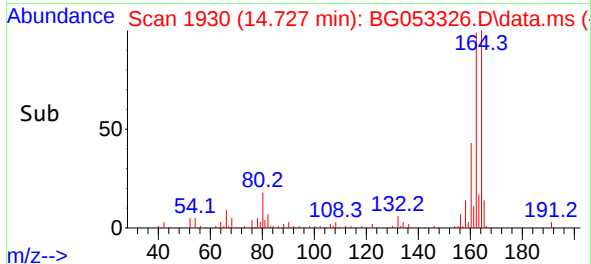
Instrument :
BNA_G
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COP-2R



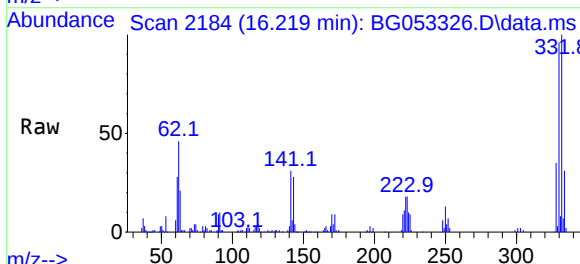
Tgt Ion:164 Resp: 60223
Ion Ratio Lower Upper
164 100
162 98.6 80.0 120.0
160 42.8 38.8 58.2

Manual Integrations
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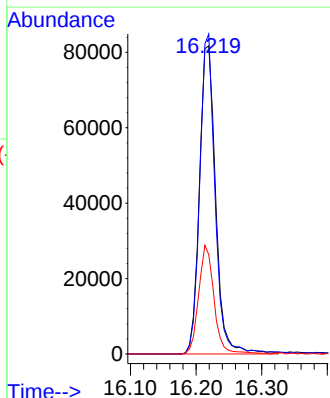
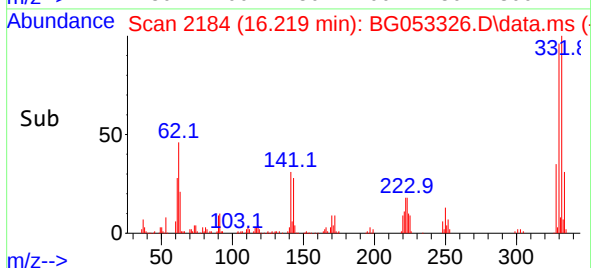
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

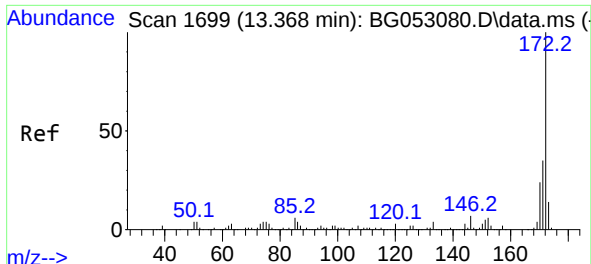


#42
2,4,6-Tribromophenol
Concen: 147.164 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52



Tgt Ion:330 Resp: 141001
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 33.5 24.6 36.8





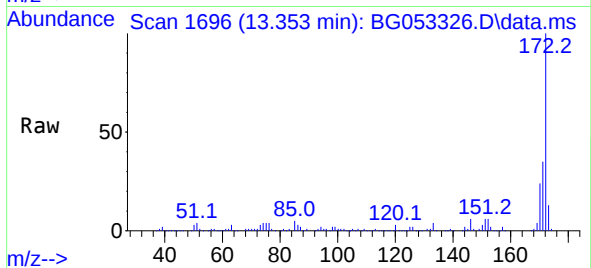
#45
2-Fluorobiphenyl
Concen: 78.927 ng
RT: 13.353 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

COP-2R

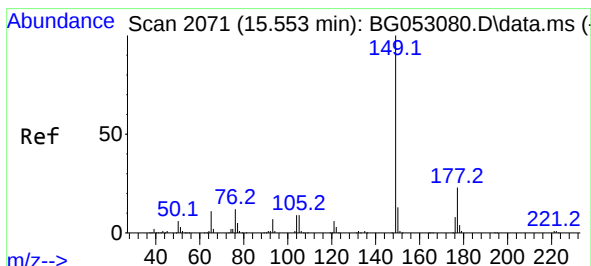
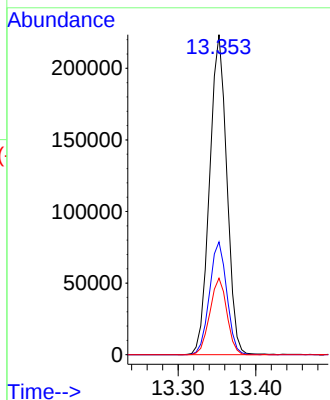
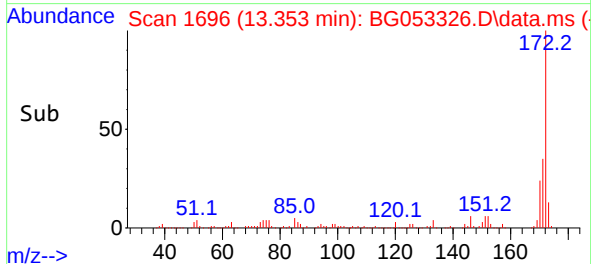


Tgt Ion:172 Resp: 344708
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 18.0 27.0

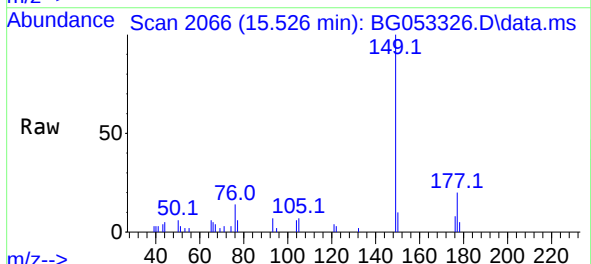
Manual Integrations

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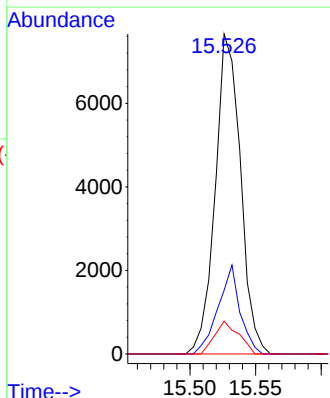
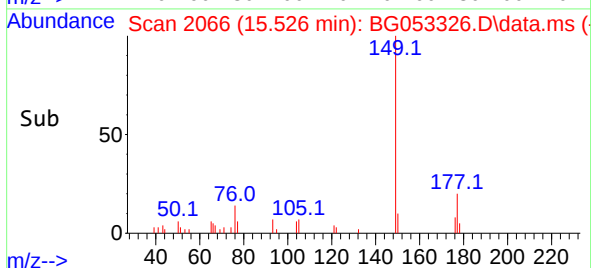
Reviewed By :Christian Giraldo 04/27/2022
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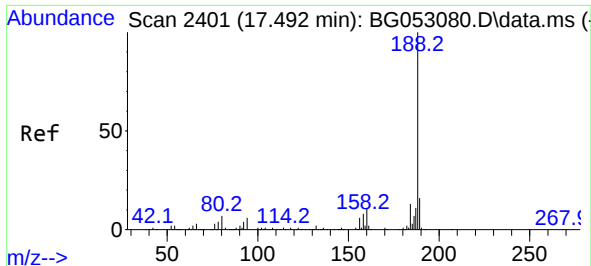


#60
Diethylphthalate
Concen: 2.023 ng
RT: 15.526 min Scan# 2066
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52



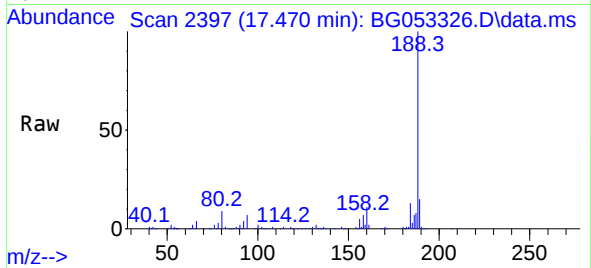
Tgt Ion:149 Resp: 10212
Ion Ratio Lower Upper
149 100
177 19.9 18.2 27.2
150 10.3 9.9 14.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.470 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

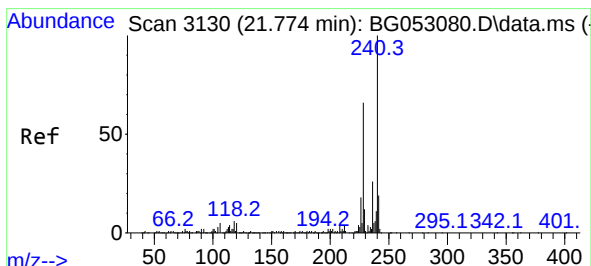
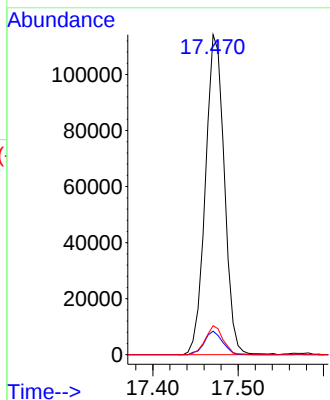
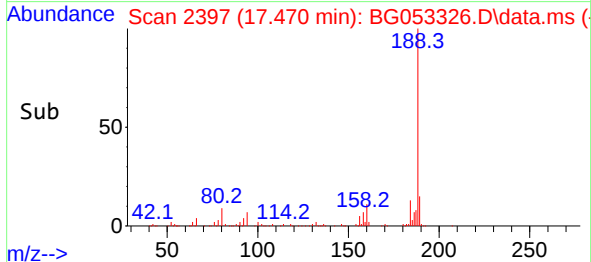
Instrument :
BNA_G
ClientSampleId :
COP-2R



Tgt Ion:188 Resp: 17553
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 9.1 7.2 10.8

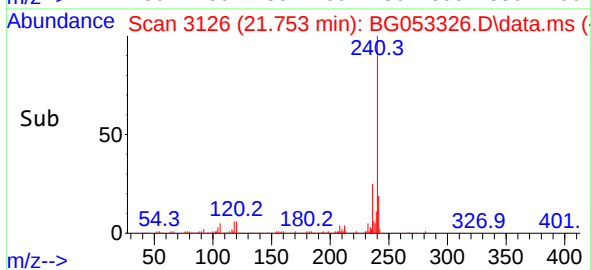
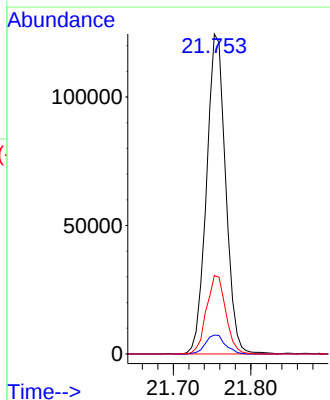
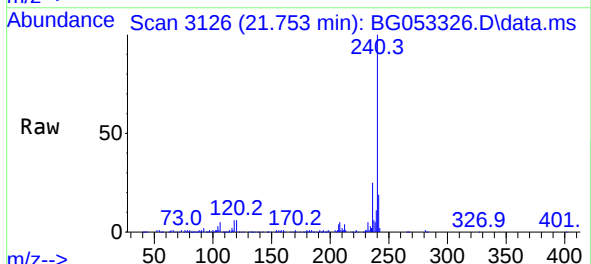
Manual Integrations
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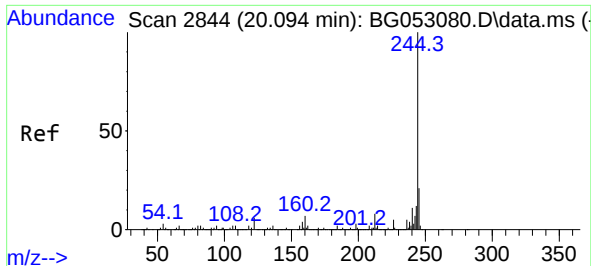
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

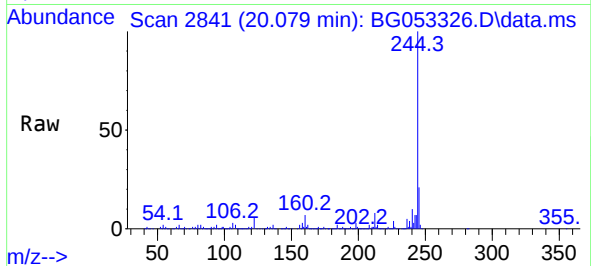
Tgt Ion:240 Resp: 213210
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.5 19.8 29.6





#79
Terphenyl-d14
Concen: 81.606 ng
RT: 20.079 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52

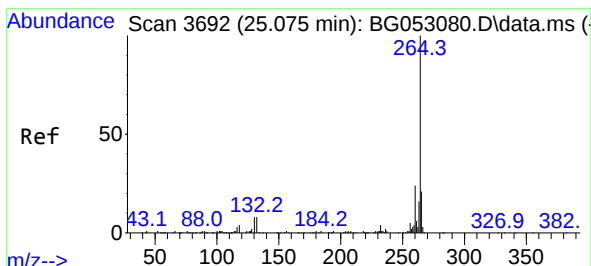
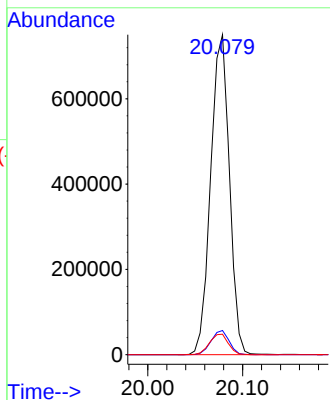
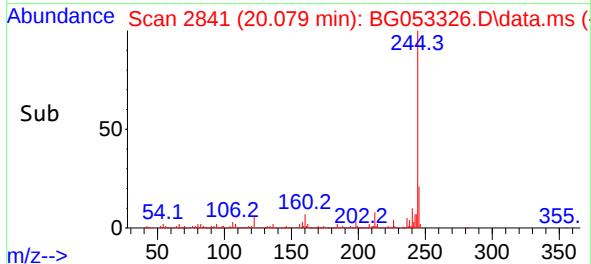
Instrument :
BNA_G
ClientSampleId :
COP-2R



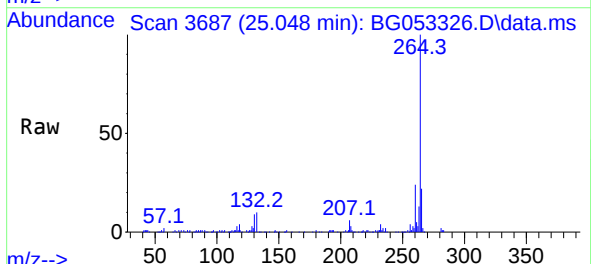
Tgt Ion:244 Resp: 1030209
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.4 5.8 8.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.048 min Scan# 3687
Delta R.T. -0.013 min
Lab File: BG053326.D
Acq: 26 Apr 2022 18:52



Tgt Ion:264 Resp: 213796
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 22.0 15.1 22.7

