

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053204.D
 Acq On : 19 Apr 2022 20:33
 Operator : CG/JU
 Sample : N2452-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022
 Supervised By : Jagrut Upadhyay 04/20/2022

Quant Time: Apr 20 05:43:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	32676	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	133010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.742	164	93319	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	176457	20.000	ng	0.00
76) Chrysene-d12	21.780	240	170864	20.000	ng	0.00
86) Perylene-d12	25.093	264	177632	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	166557	87.376	ng	0.00
7) Phenol-d6	7.276	99	250292	85.145	ng	0.00
23) Nitrobenzene-d5	9.279	82	185198	56.535	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	110672	74.543	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	406929	60.129	ng	0.00
79) Terphenyl-d14	20.094	244	563713	55.720	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.581	142	20708	3.944	ng	# 85
38) 1-Methylnaphthalene	12.798	142	27531	5.371	ng	# 86
71) Phenanthrene	17.527	178	35365m	3.669	ng	
83) Chrysene	21.821	228	37649	3.472	ng	# 62

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

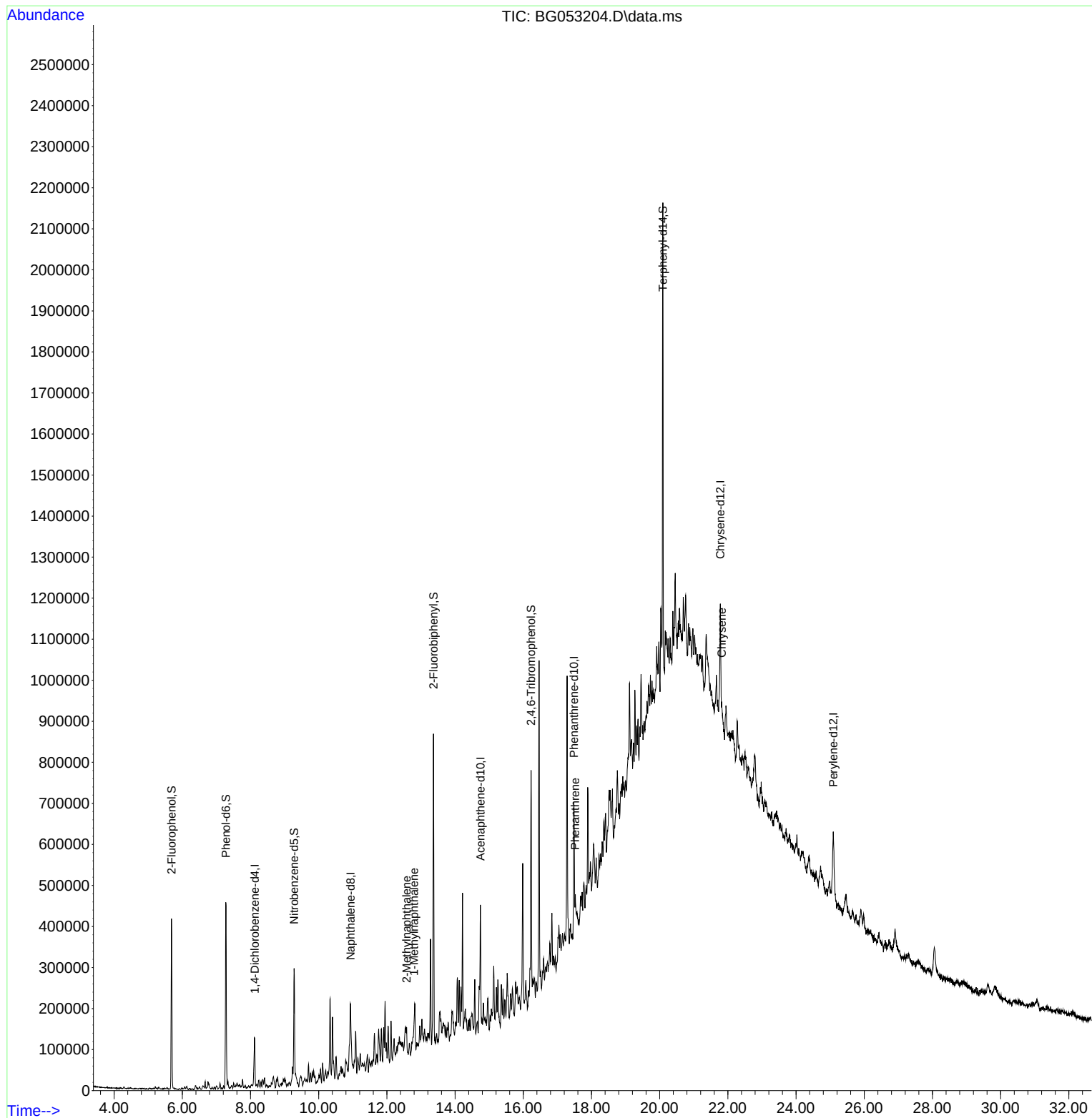
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053204.D
Acq On : 19 Apr 2022 20:33
Operator : CG/JU
Sample : N2452-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

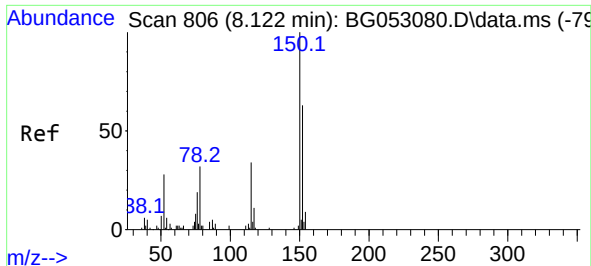
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3

Quant Time: Apr 20 05:43:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
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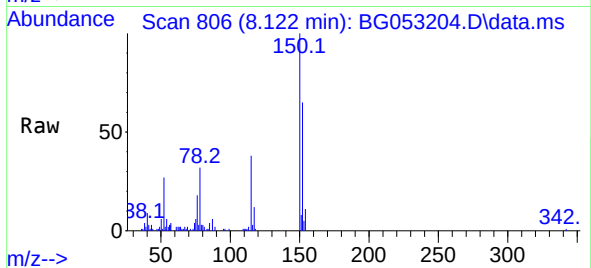
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.122 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

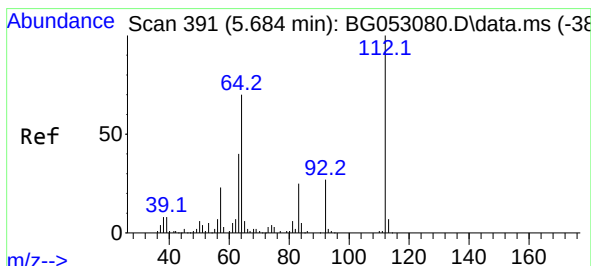
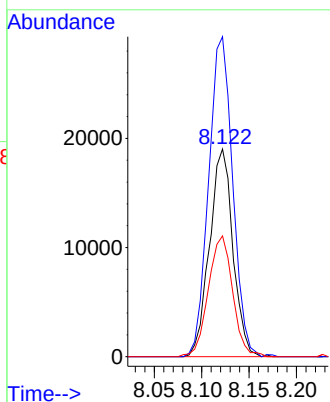
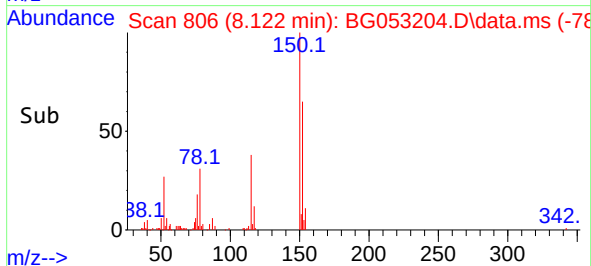
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



Tgt Ion:152 Resp: 32670
Ion Ratio Lower Upper
152 100
150 154.1 114.6 172.0
115 58.2 45.9 68.9

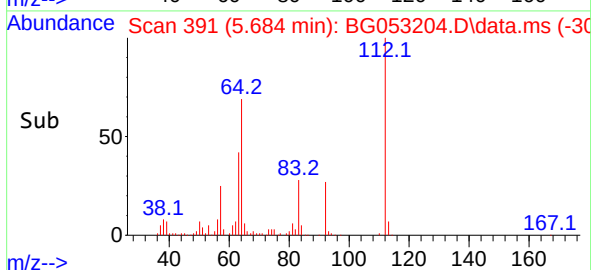
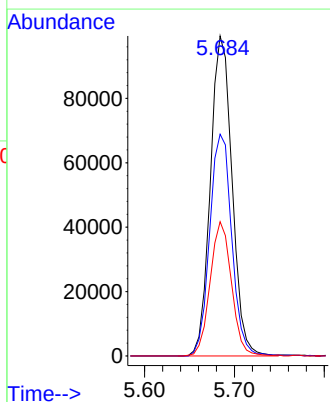
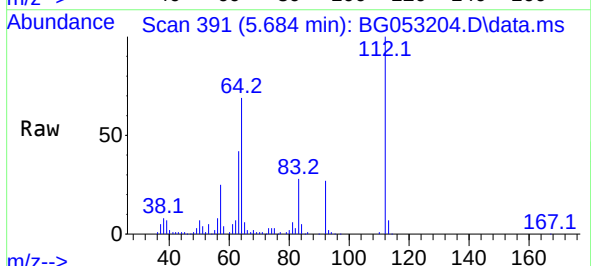
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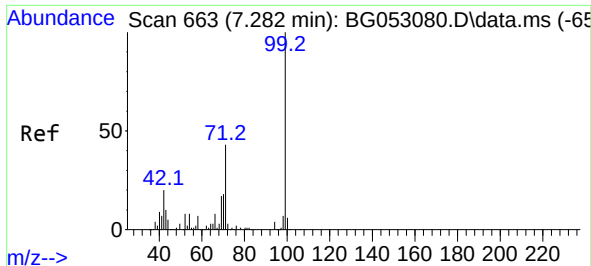
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#5
2-Fluorophenol
Concen: 87.376 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

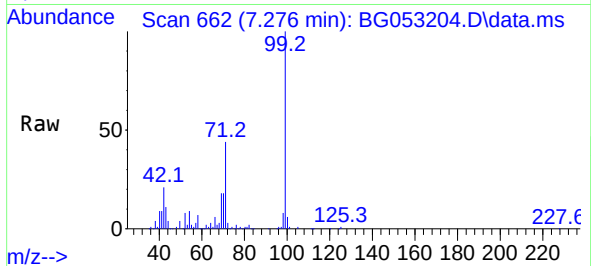
Tgt Ion:112 Resp: 166557
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 42.0 26.5 39.7#





#7
Phenol-d6
Concen: 85.145 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

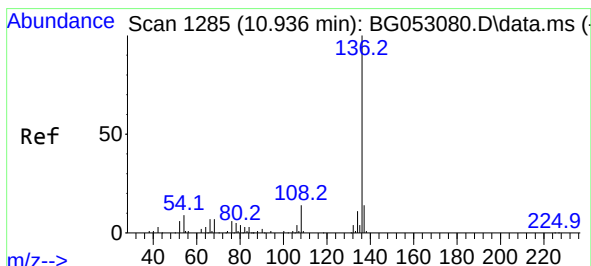
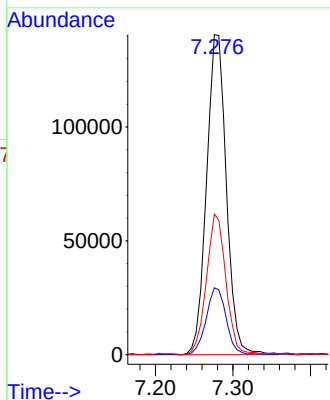
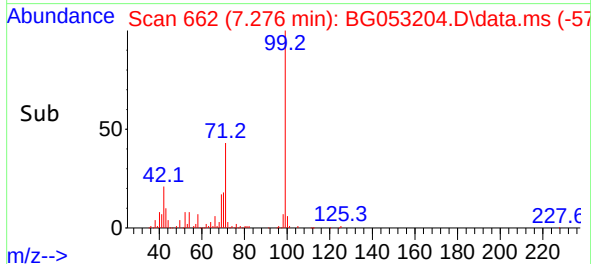
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



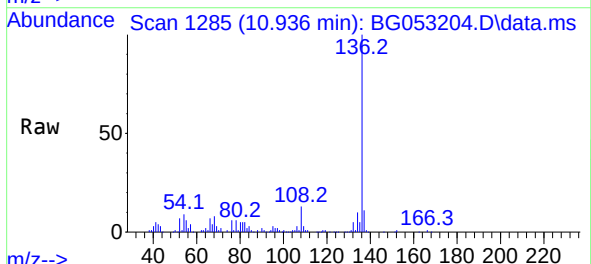
Tgt Ion: 99 Resp: 25029
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 43.9 29.2 43.8

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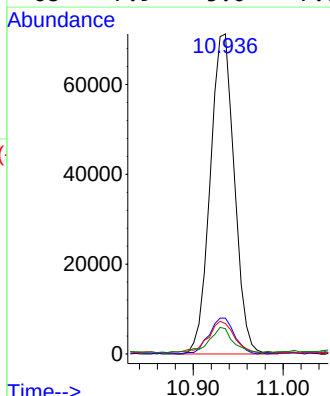
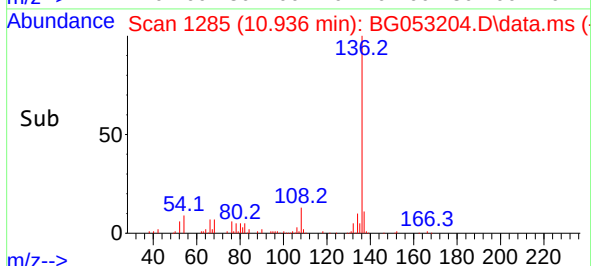
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

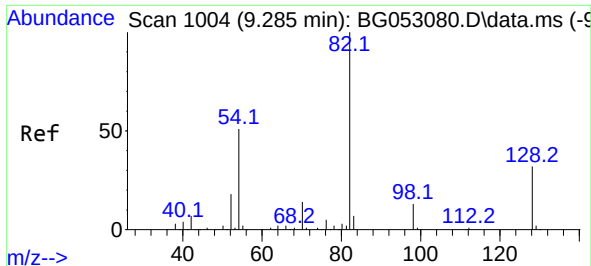


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33



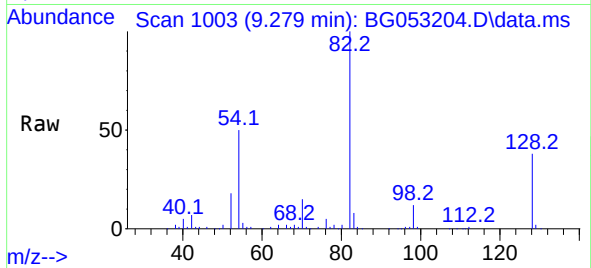
Tgt Ion:136 Resp: 133010
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.5 6.4 9.6
68 7.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 56.535 ng
RT: 9.279 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

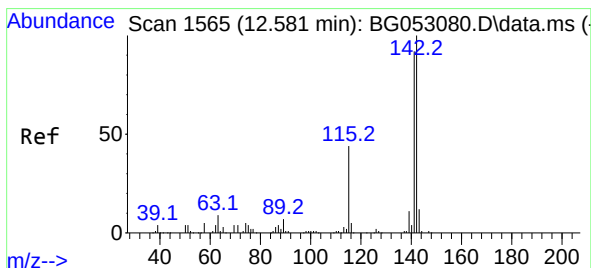
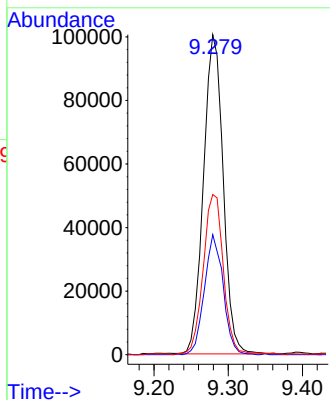
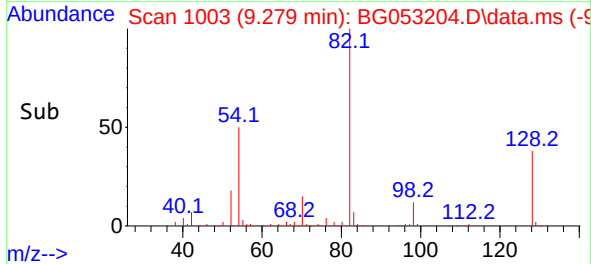
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



Tgt Ion: 82 Resp: 185198
Ion Ratio Lower Upper
82 100
128 37.5 31.3 46.9
54 50.0 37.8 56.8

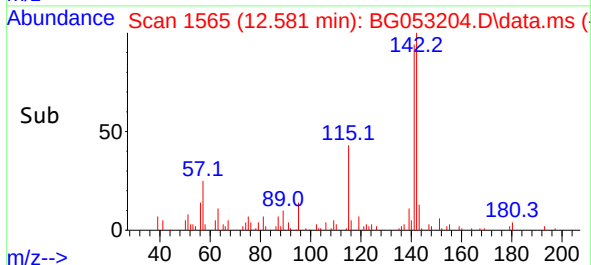
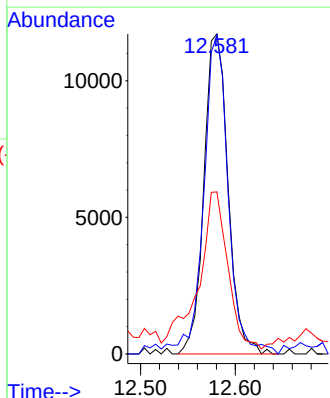
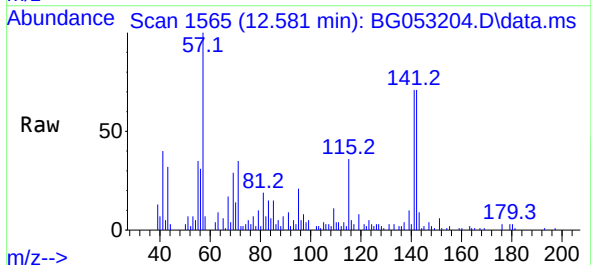
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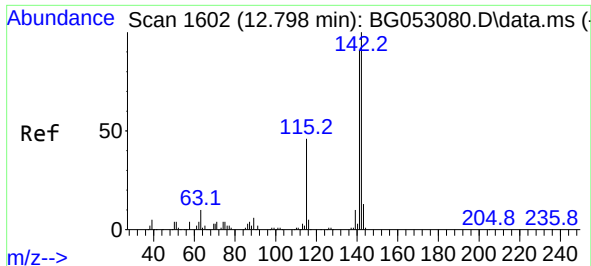
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#37
2-Methylnaphthalene
Concen: 3.944 ng
RT: 12.581 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

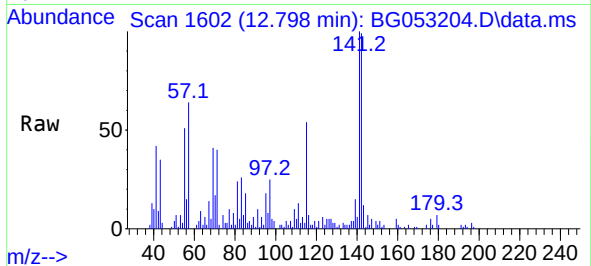
Tgt Ion:142 Resp: 20708
Ion Ratio Lower Upper
142 100
141 99.6 71.3 106.9
115 50.7 29.5 44.3#





#38
1-Methylnaphthalene
Concen: 5.371 ng
RT: 12.798 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

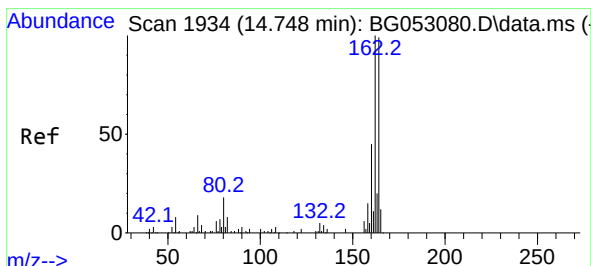
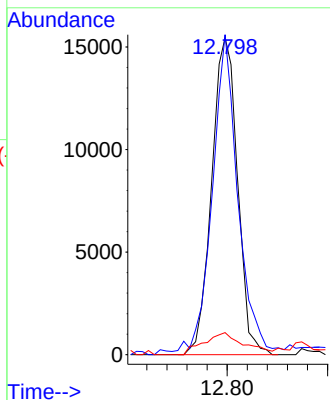
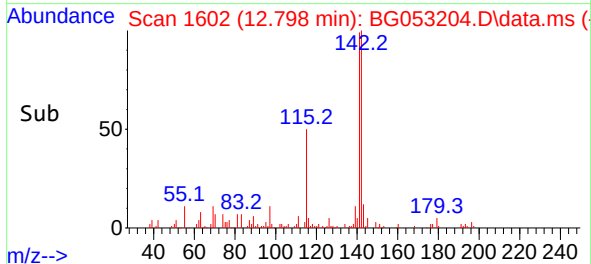
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



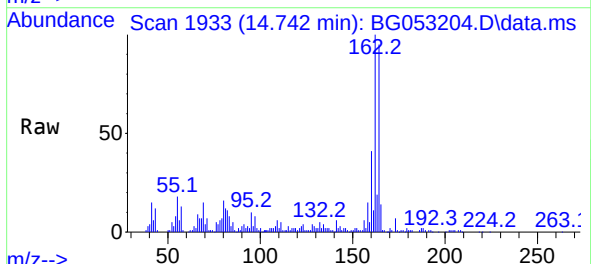
Tgt Ion:142 Resp: 2753
Ion Ratio Lower Upper
142 100
141 100.9 70.5 105.7
116 7.0 3.1 4.7

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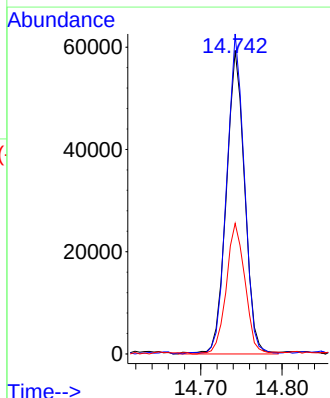
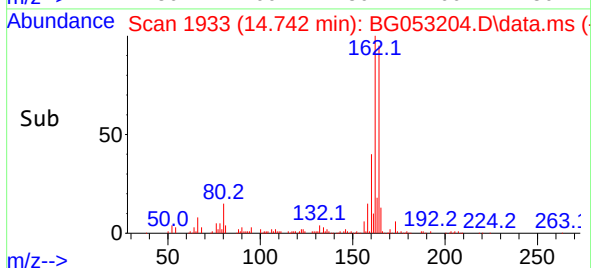
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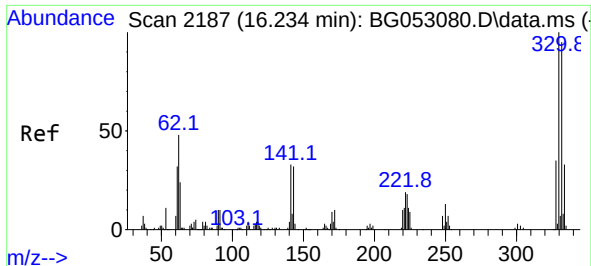


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.742 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33



Tgt Ion:164 Resp: 93319
Ion Ratio Lower Upper
164 100
162 105.4 80.0 120.0
160 43.0 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 74.543 ng
RT: 16.229 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

Instrument :

BNA_G

ClientSampleId :

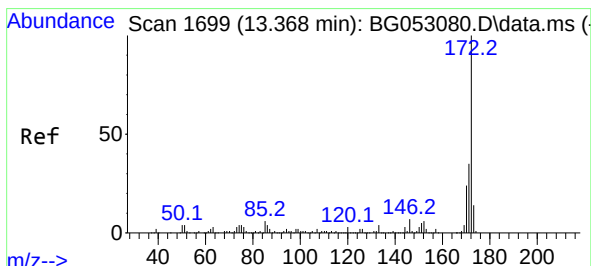
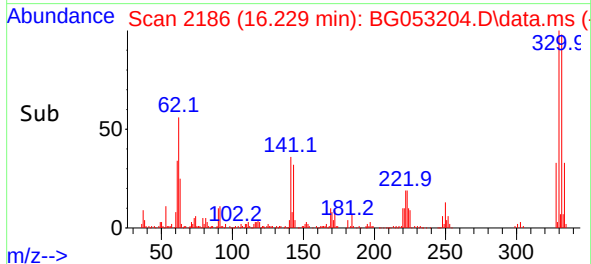
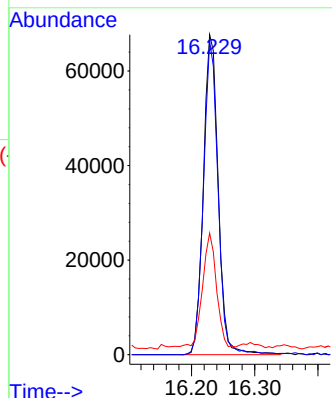
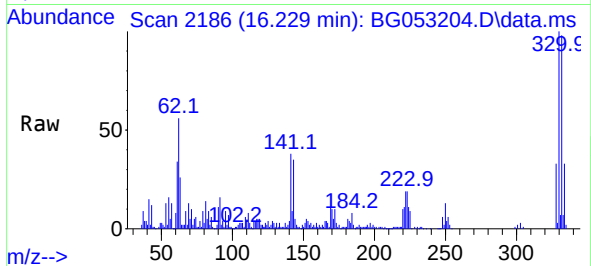
WC-15-1-3

Tgt Ion:330 Resp: 110672
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 32.9 24.6 36.8

Manual Integrations

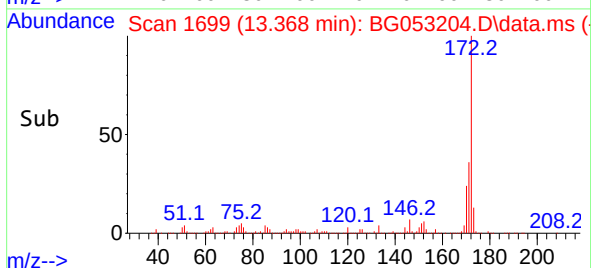
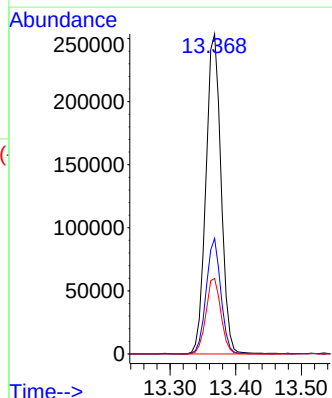
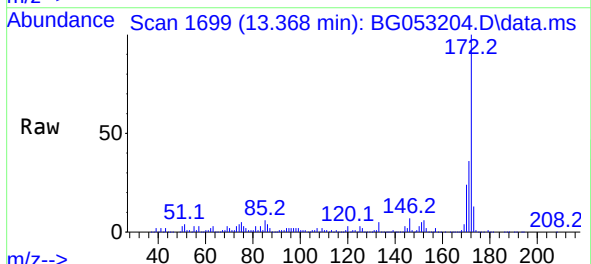
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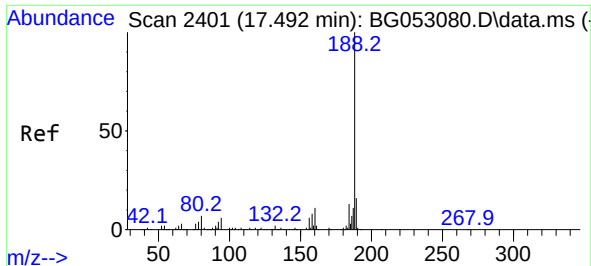
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#45
2-Fluorobiphenyl
Concen: 60.129 ng
RT: 13.368 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

Tgt Ion:172 Resp: 406929
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.6 18.0 27.0





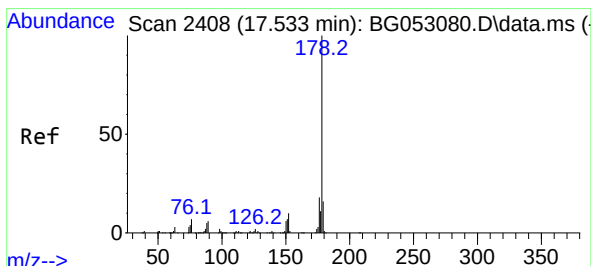
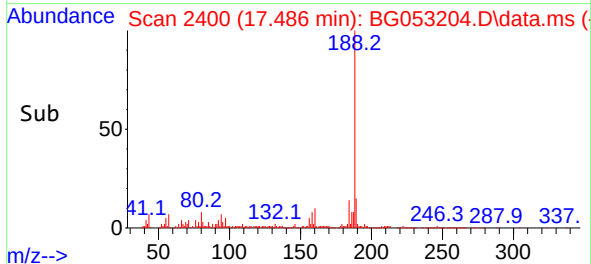
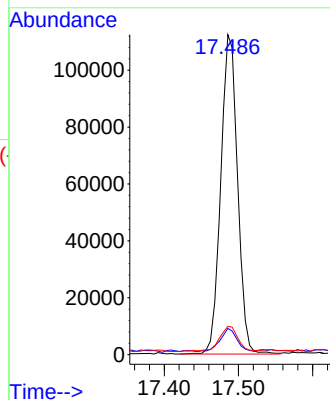
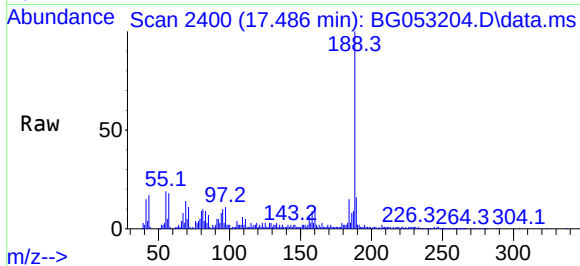
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

Instrument :
BNA_G
ClientSampleId :
WC-15-1-3

Tgt Ion:188 Resp: 17645
Ion Ratio Lower Upper
188 100
94 8.2 5.7 8.5
80 8.9 7.2 10.8

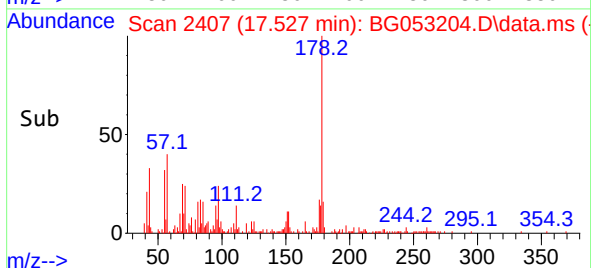
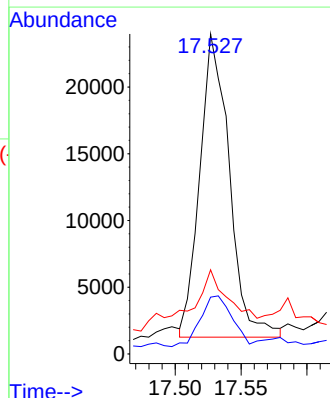
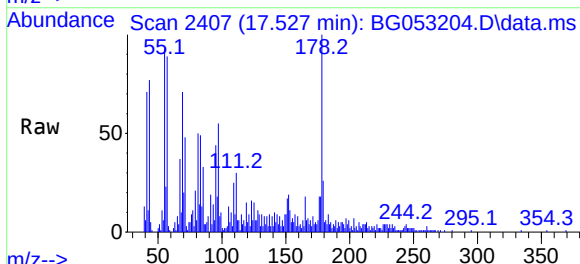
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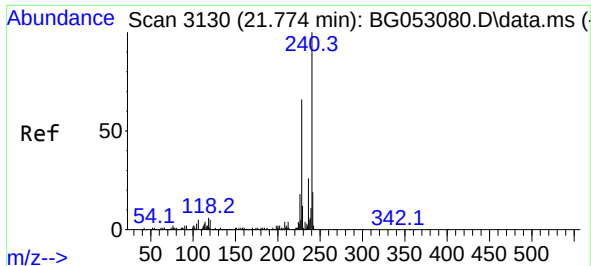
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#71
Phenanthrene
Concen: 3.669 ng m
RT: 17.527 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

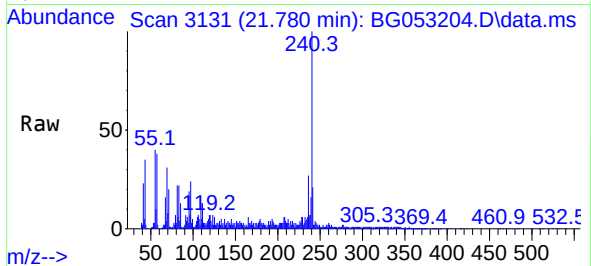
Tgt Ion:178 Resp: 35365
Ion Ratio Lower Upper
178 100
176 17.8 15.9 23.9
179 26.3 13.4 20.2#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.780 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

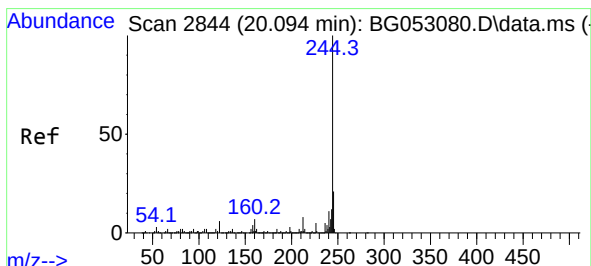
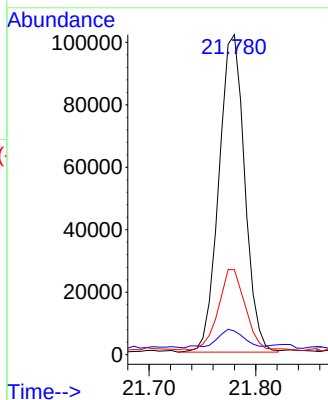
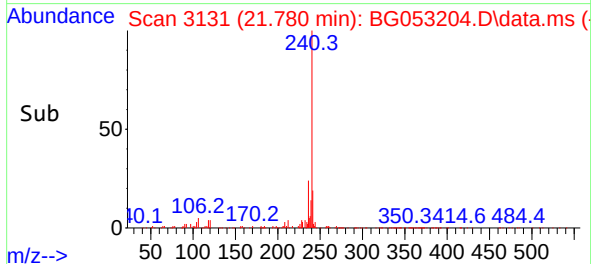
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



Tgt Ion:240 Resp: 170864
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.5 19.8 29.6

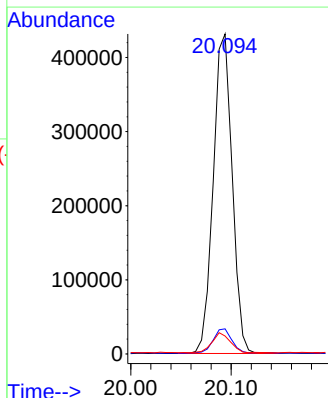
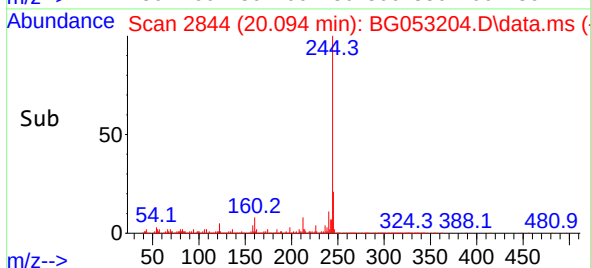
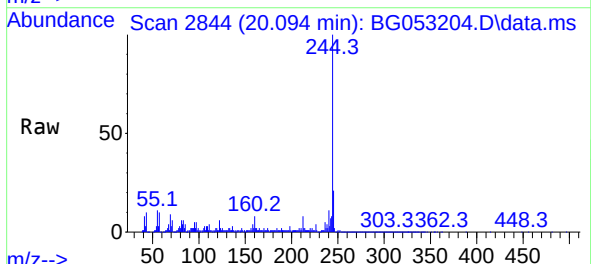
Manual Integrations
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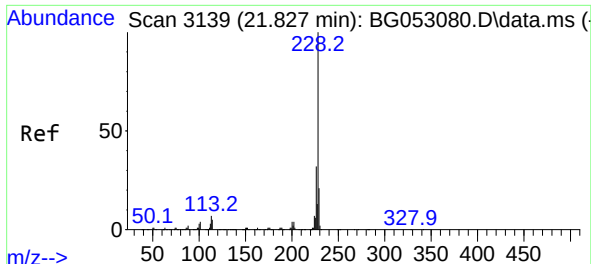
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#79
Terphenyl-d14
Concen: 55.720 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

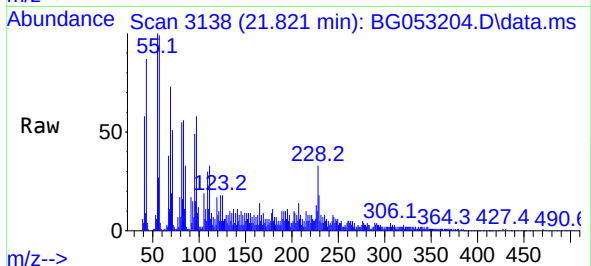
Tgt Ion:244 Resp: 563713
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 5.6 5.8 8.6#





#83
Chrysene
Concen: 3.472 ng
RT: 21.821 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33

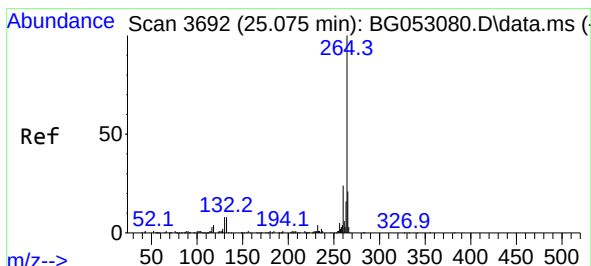
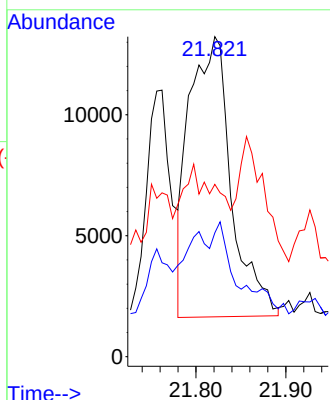
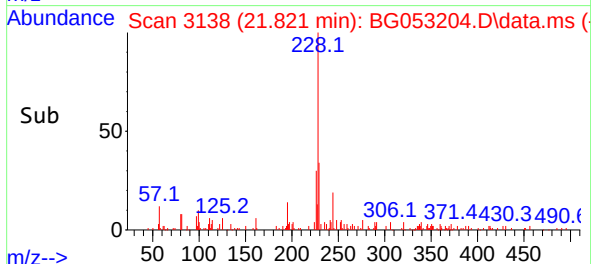
Instrument :
BNA_G
ClientSampleId :
WC-15-1-3



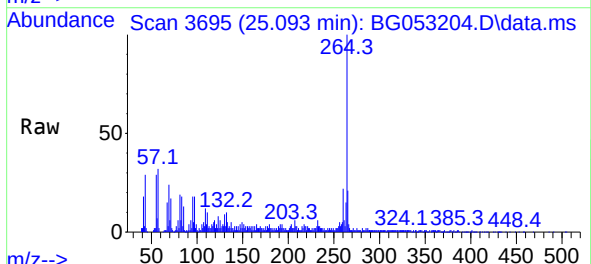
Tgt Ion:228 Resp: 37649
Ion Ratio Lower Upper
228 100
226 38.7 24.2 36.4
229 53.9 16.3 24.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.093 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BG053204.D
Acq: 19 Apr 2022 20:33



Tgt Ion:264 Resp: 177632
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.2
265 21.1 15.1 22.7

