

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053576.D
 Acq On : 16 May 2022 20:55
 Operator : CG/JU
 Sample : N2823-08DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-8DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 05:21:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	27617	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	113720	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	90047	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	208063	20.000	ng	0.00
76) Chrysene-d12	21.742	240	206490	20.000	ng	0.00
86) Perylene-d12	25.025	264	212000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	11738	7.213	ng	0.01
7) Phenol-d6	7.255	99	18150	7.349	ng	0.00
23) Nitrobenzene-d5	9.253	82	14248	5.333	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	5619m	4.231	ng	0.01
45) 2-Fluorobiphenyl	13.335	172	38155	6.192	ng	0.00
79) Terphenyl-d14	20.062	244	68337	6.164	ng	0.00
Target Compounds						
						Qvalue
55) Dibenzofuran	15.109	168	35639	4.339	ng	97
71) Phenanthrene	17.512	178	1968610	186.076	ng	# 92
75) Fluoranthene	19.509	202	384713	28.084	ng	99
78) Pyrene	19.868	202	56411	4.220	ng	99

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

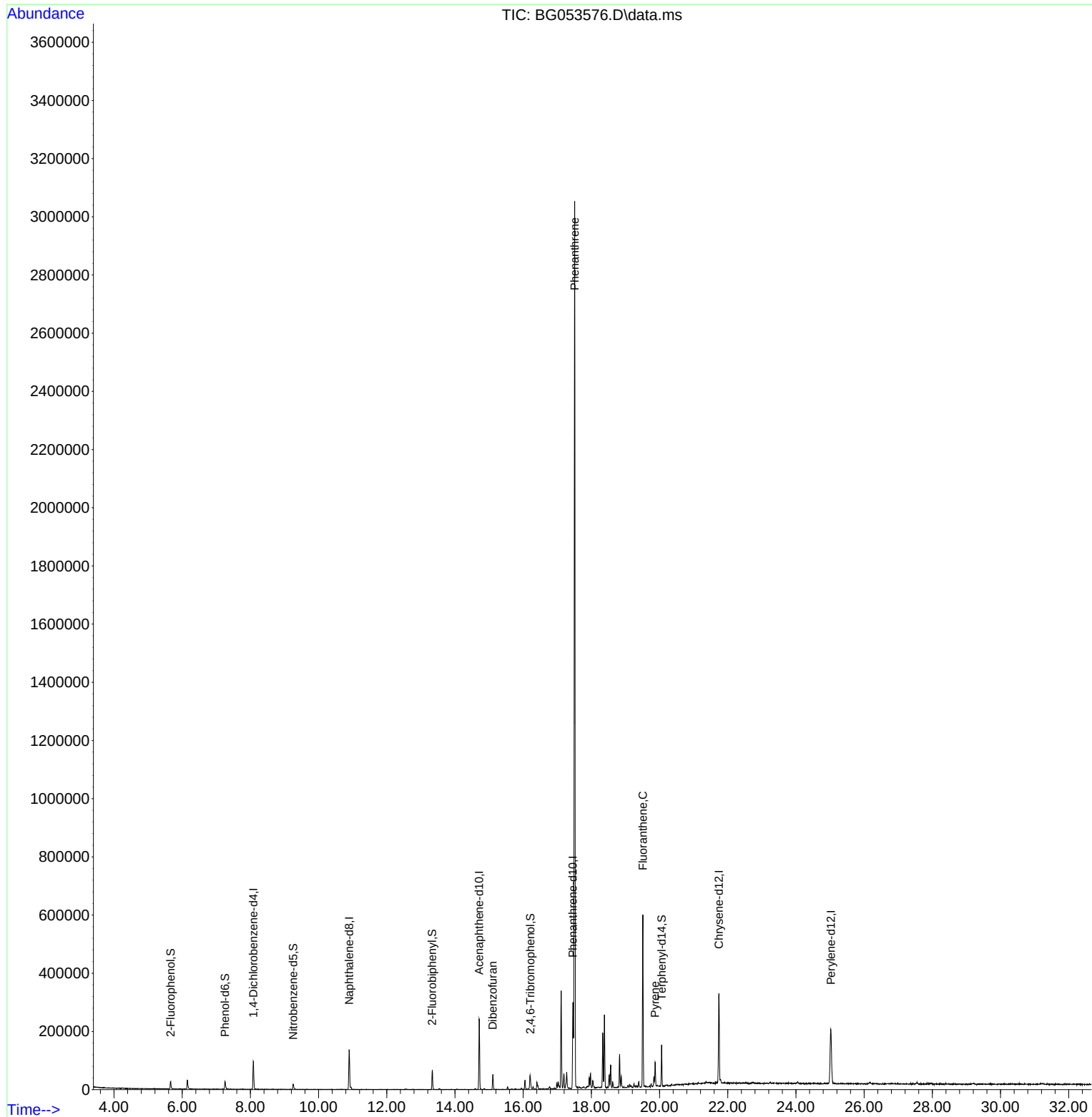
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
Data File : BG053576.D
Acq On : 16 May 2022 20:55
Operator : CG/JU
Sample : N2823-08DL 10X
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ALS Vial : 18 Sample Multiplier: 1

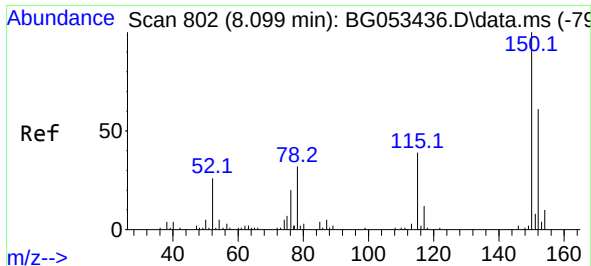
Instrument :
BNA_G
ClientSampleId :
SC-8DL

Quant Time: May 17 05:21:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
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Manual Integrations
APPROVED

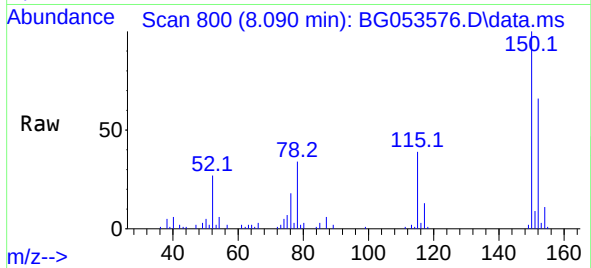
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

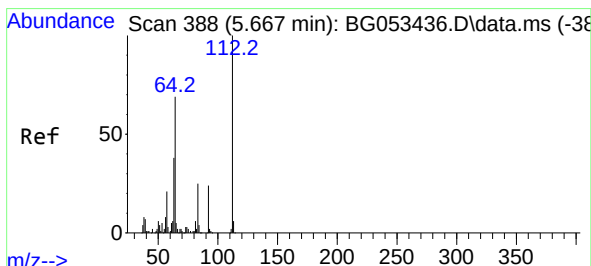
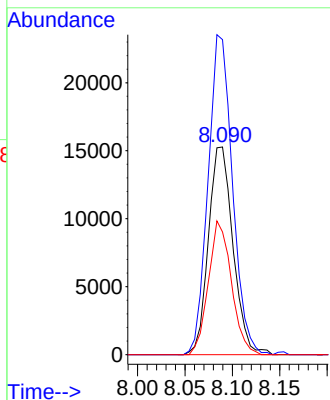
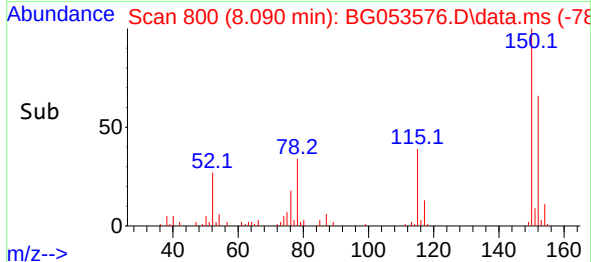
Instrument :
BNA_G
ClientSampleId :
SC-8DL



Tgt Ion:152 Resp: 2761
Ion Ratio Lower Upper
152 100
150 151.8 131.6 197.4
115 59.1 50.9 76.3

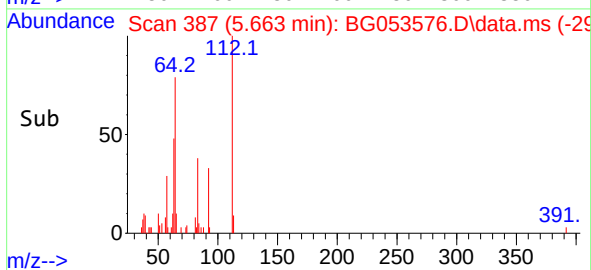
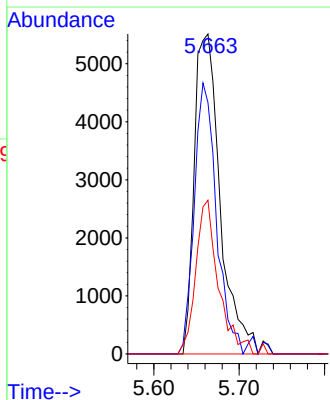
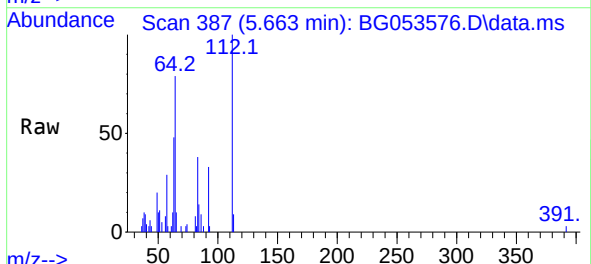
Manual Integrations
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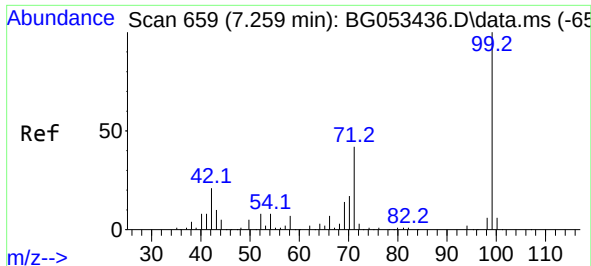
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#5
2-Fluorophenol
Concen: 7.213 ng
RT: 5.663 min Scan# 387
Delta R.T. 0.012 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

Tgt Ion:112 Resp: 11738
Ion Ratio Lower Upper
112 100
64 78.6 55.1 82.7
63 48.1 30.4 45.6#





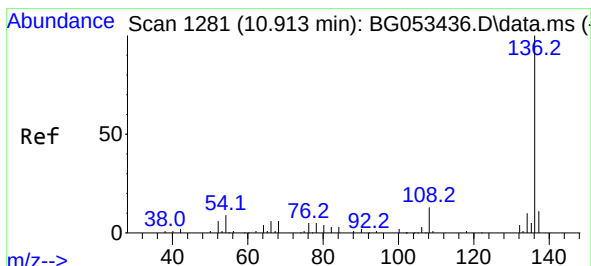
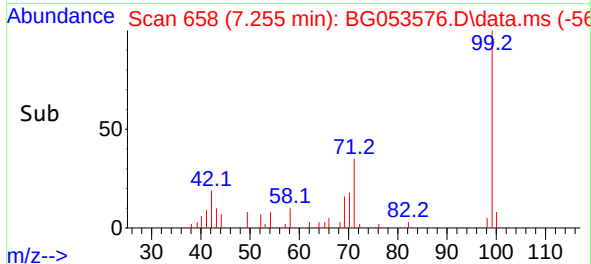
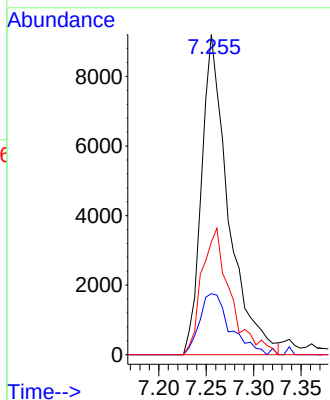
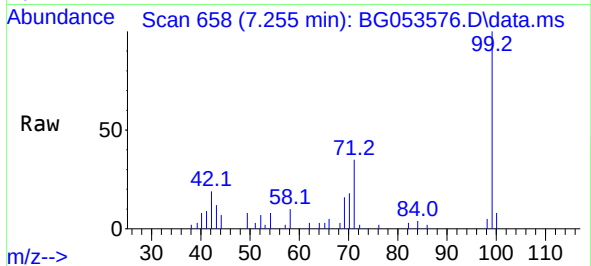
#7
Phenol-d6
Concen: 7.349 ng
RT: 7.255 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

Instrument :
BNA_G
ClientSampleId :
SC-8DL

Tgt Ion: 99 Resp: 18150
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 35.2 33.8 50.8

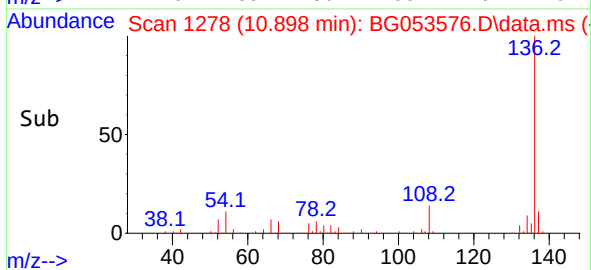
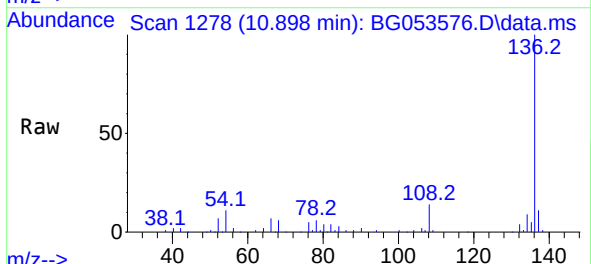
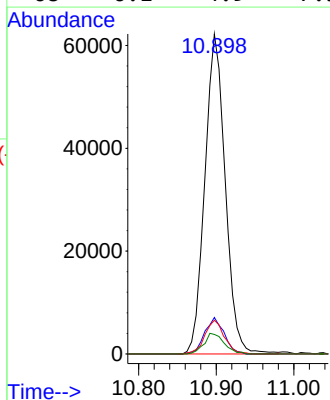
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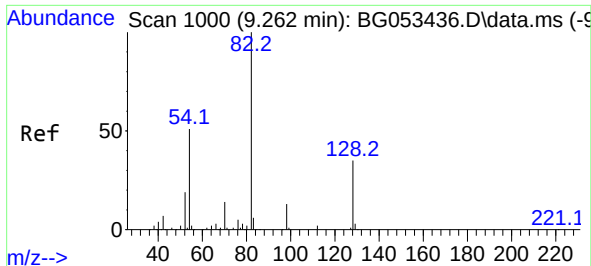
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

Tgt Ion:136 Resp: 113720
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.5 7.4 11.2
68 6.1 4.9 7.3





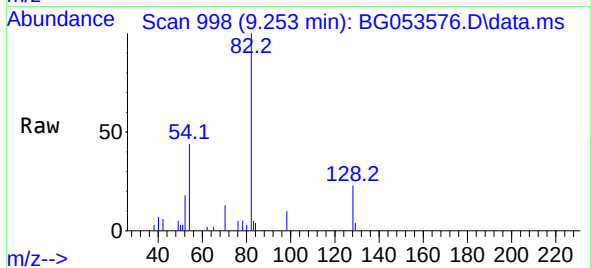
#23
Nitrobenzene-d5
Concen: 5.333 ng
RT: 9.253 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

Instrument :

BNA_G

ClientSampleId :

SC-8DL

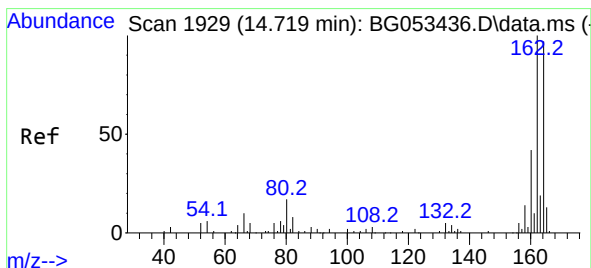
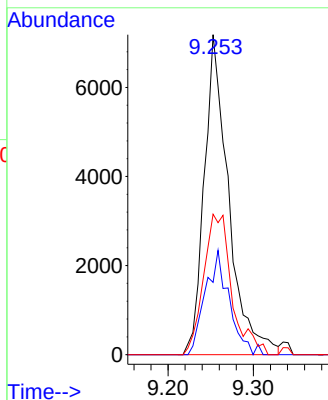
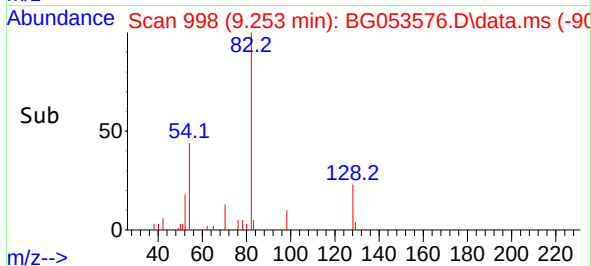


Tgt Ion: 82 Resp: 14248
Ion Ratio Lower Upper
82 100
128 22.6 27.9 41.9
54 43.9 41.2 61.8

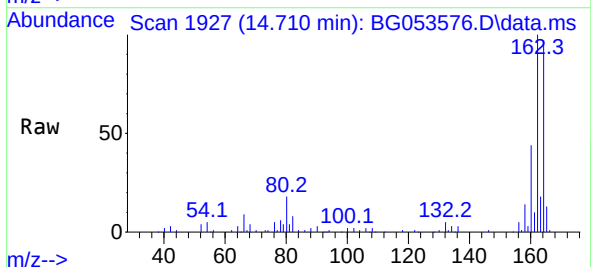
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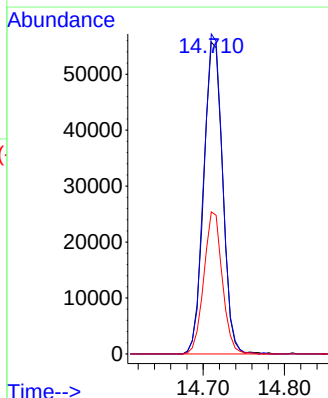
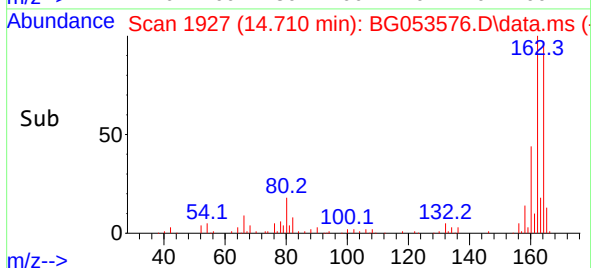
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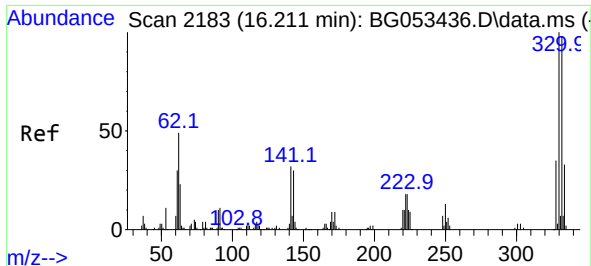


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55



Tgt Ion:164 Resp: 90047
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.6 34.2 51.2





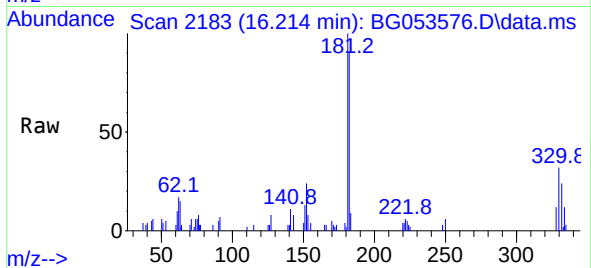
#42
2,4,6-Tribromophenol
Concen: 4.231 ng m
RT: 16.214 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

Instrument :

BNA_G

ClientSampleId :

SC-8DL

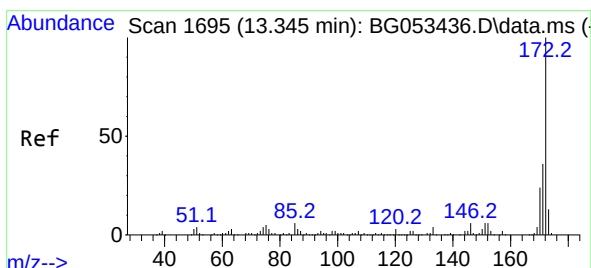
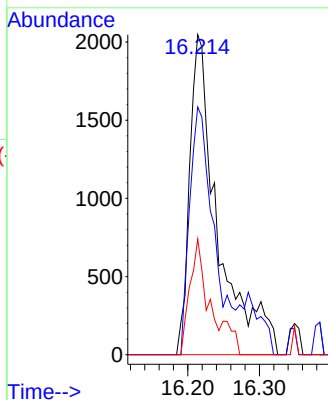
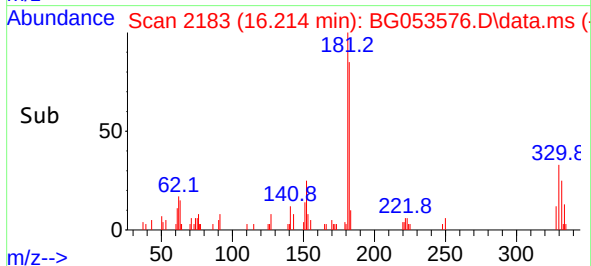


Tgt Ion:330 Resp: 5619
Ion Ratio Lower Upper
330 100
332 66.1 76.0 114.0
141 22.0 27.1 40.7

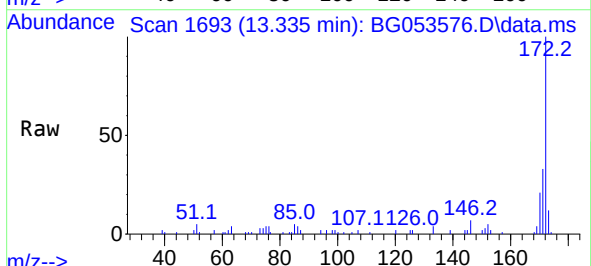
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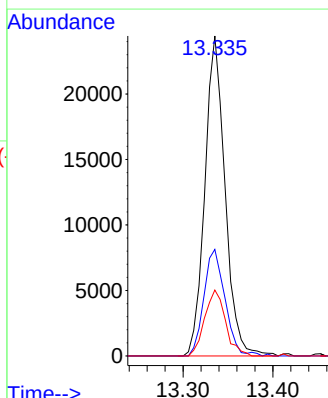
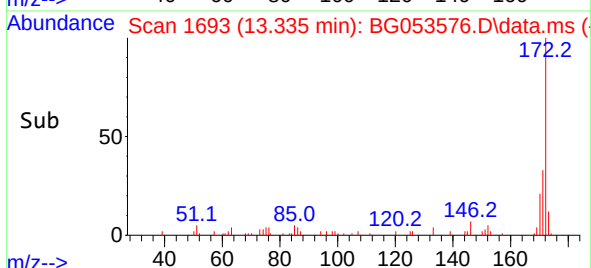
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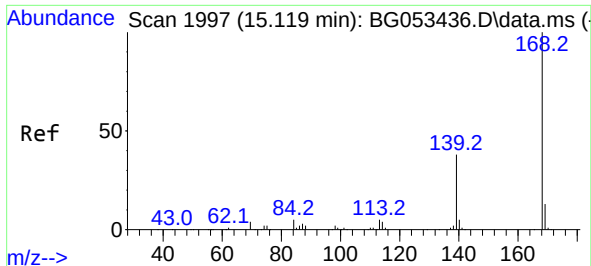


#45
2-Fluorobiphenyl
Concen: 6.192 ng
RT: 13.335 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55



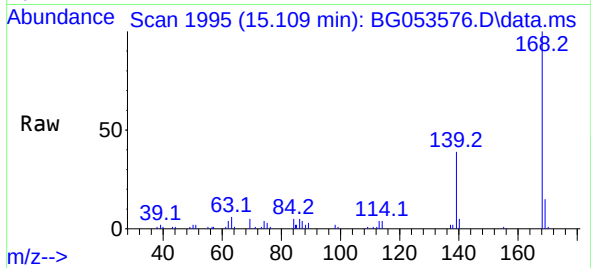
Tgt Ion:172 Resp: 38155
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 20.6 18.9 28.3





#55
Dibenzenofuran
Concen: 4.339 ng
RT: 15.109 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

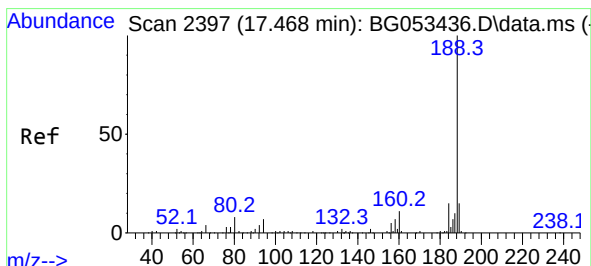
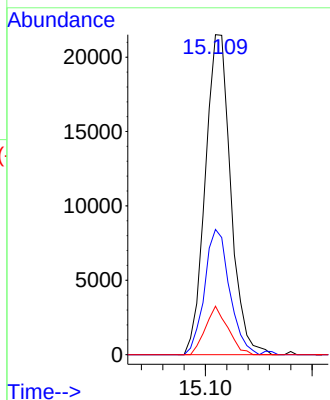
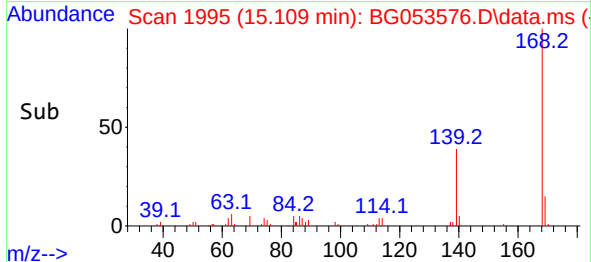
Instrument :
BNA_G
ClientSampleId :
SC-8DL



Tgt Ion:168 Resp: 35639
Ion Ratio Lower Upper
168 100
139 39.2 30.5 45.7
169 15.2 10.3 15.5

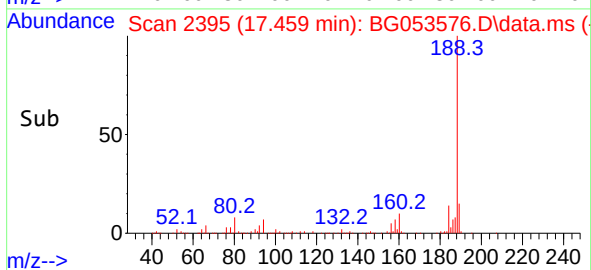
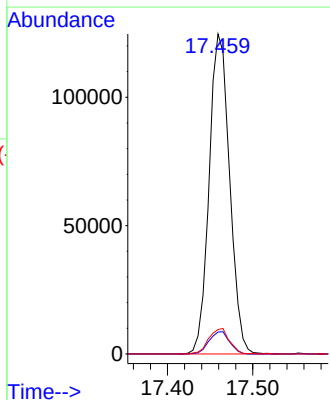
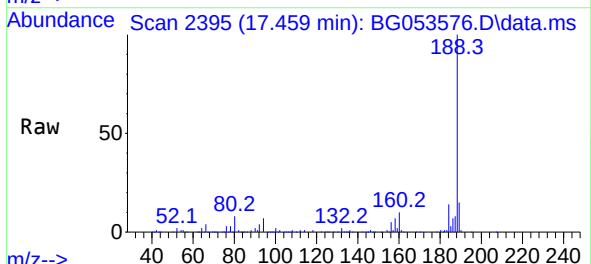
Manual Integrations
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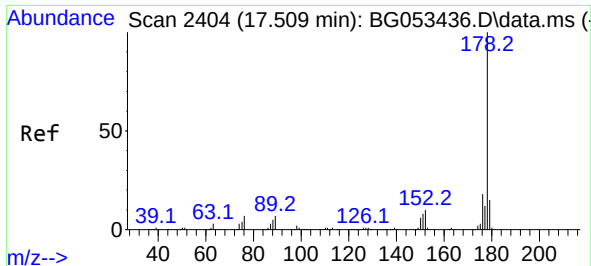
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

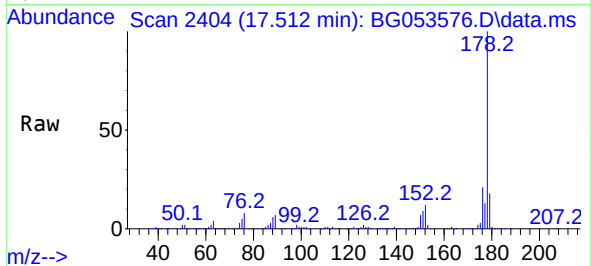
Tgt Ion:188 Resp: 208063
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.7 6.8 10.2





#71
Phenanthrene
Concen: 186.076 ng
RT: 17.512 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

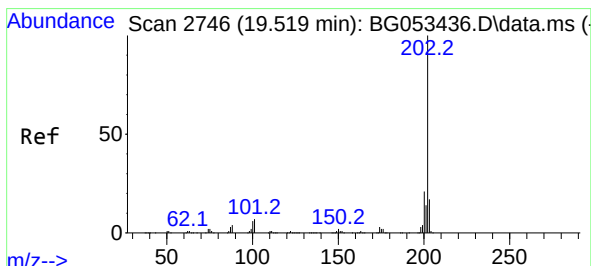
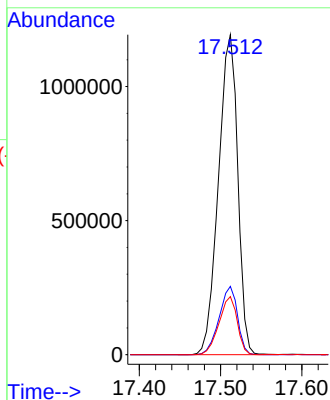
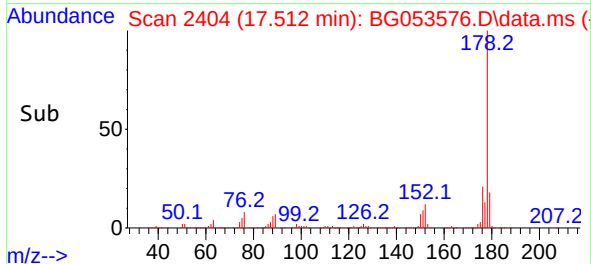
Instrument :
BNA_G
ClientSampleId :
SC-8DL



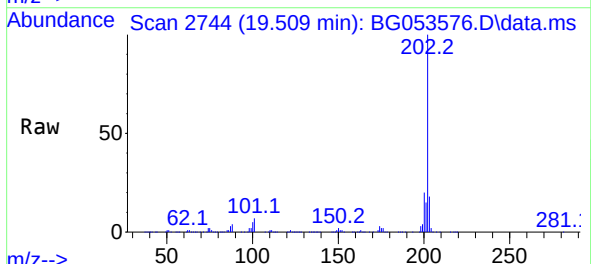
Tgt Ion:178 Resp: 1968610
Ion Ratio Lower Upper
178 100
176 21.4 14.1 21.1
179 18.2 12.1 18.1

Manual Integrations
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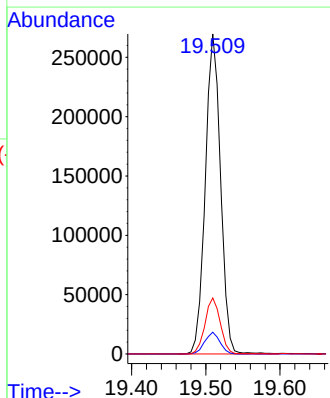
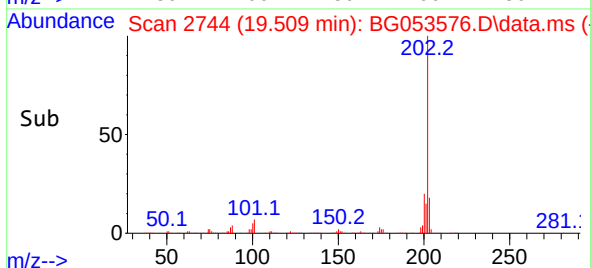
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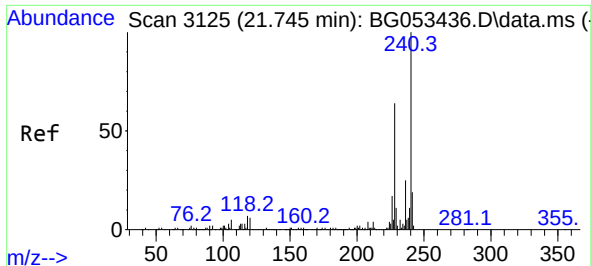


#75
Fluoranthene
Concen: 28.084 ng
RT: 19.509 min Scan# 2744
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55



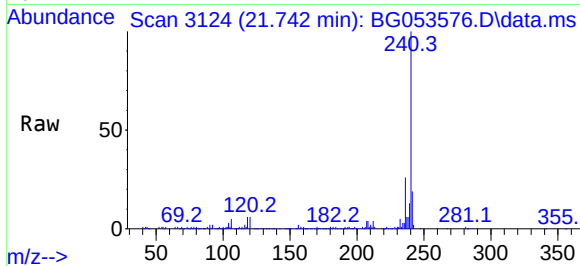
Tgt Ion:202 Resp: 384713
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 17.5 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55

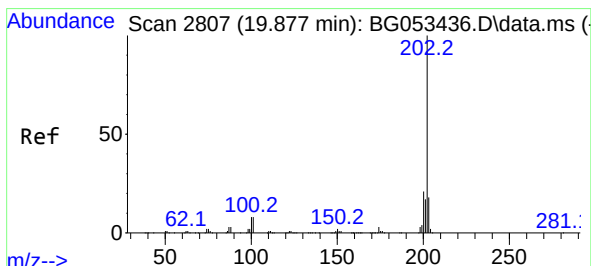
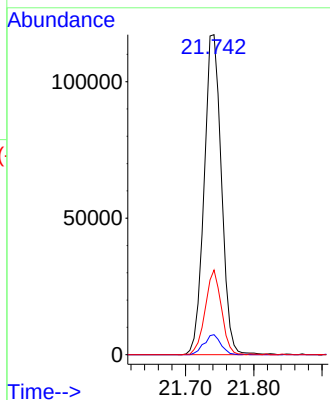
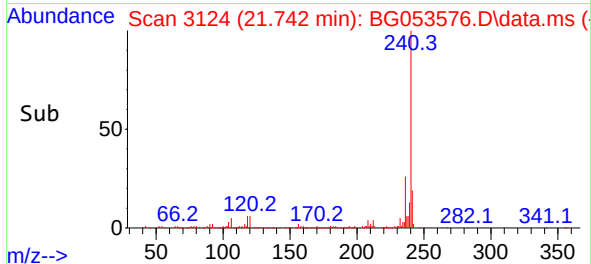
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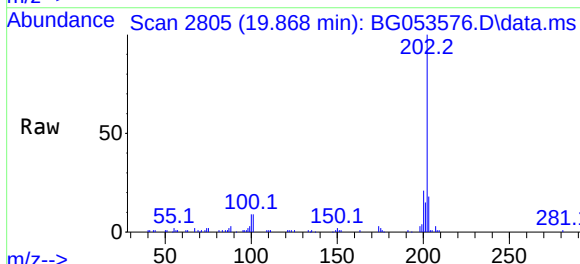
Tgt Ion:240 Resp: 206490
Ion Ratio Lower Upper
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120 6.3 4.6 7.0
236 26.4 20.2 30.4

Manual Integrations
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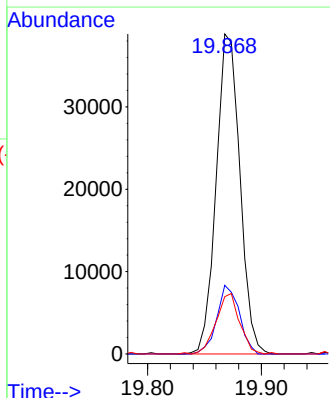
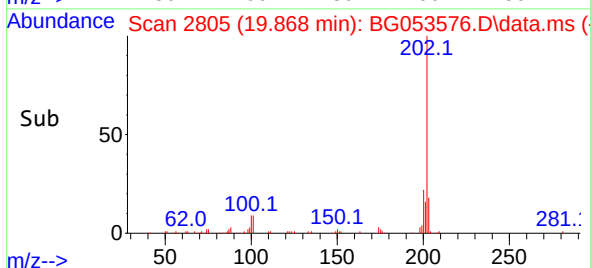
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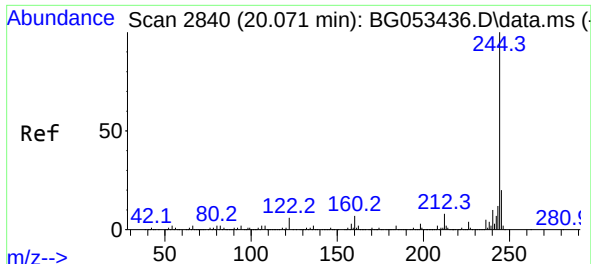


#78
Pyrene
Concen: 4.220 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053576.D
Acq: 16 May 2022 20:55



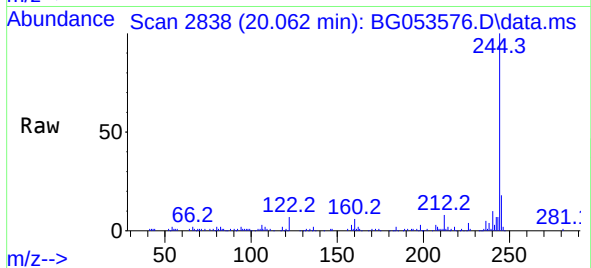
Tgt Ion:202 Resp: 56411
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 6.164 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053576.D
 Acq: 16 May 2022 20:55

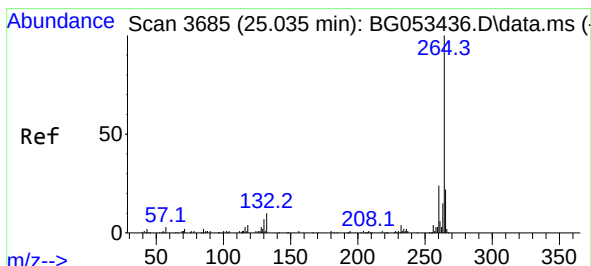
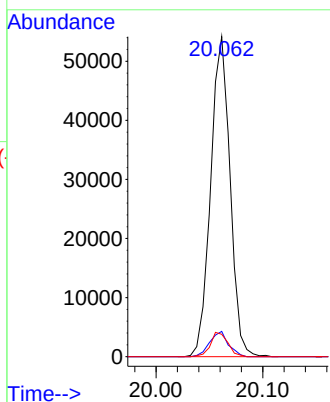
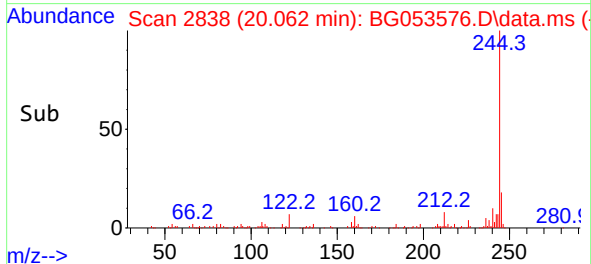
Instrument :
 BNA_G
 ClientSampleId :
 SC-8DL



Tgt Ion:244 Resp: 6833
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 7.0 5.0 7.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/17/2022
 Supervised By :Jagrut Upadhyay 05/17/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.025 min Scan# 3683
 Delta R.T. 0.006 min
 Lab File: BG053576.D
 Acq: 16 May 2022 20:55

Tgt Ion:264 Resp: 212000
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.4 17.4 26.2

