

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056558.D
 Acq On : 6 Feb 2023 17:05
 Operator : CG/JU
 Sample : 01414-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-123-2(0-5)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:34:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	42135	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	156680	20.000	ng	0.00
39) Acenaphthene-d10	14.891	164	112966	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	270563	20.000	ng	0.00
76) Chrysene-d12	21.924	240	249791	20.000	ng	0.00
86) Perylene-d12	25.344	264	268176	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	210805	92.036	ng	0.00
7) Phenol-d6	7.424	99	288603	85.040	ng	0.00
23) Nitrobenzene-d5	9.451	82	148600	53.857	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	120376	80.154	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	439684	53.962	ng	0.00
79) Terphenyl-d14	20.209	244	734316	51.632	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.676	178	36767	2.596	ng	97
75) Fluoranthene	19.668	202	106414	5.954	ng	99
78) Pyrene	20.032	202	101276	5.701	ng	99
81) Benzo(a)anthracene	21.901	228	50476	2.890	ng	98
83) Chrysene	21.971	228	44629m	2.720	ng	
88) Benzo(b)fluoranthene	24.251	252	64127	3.853	ng	97
90) Benzo(a)pyrene	25.179	252	50062	3.053	ng	99

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

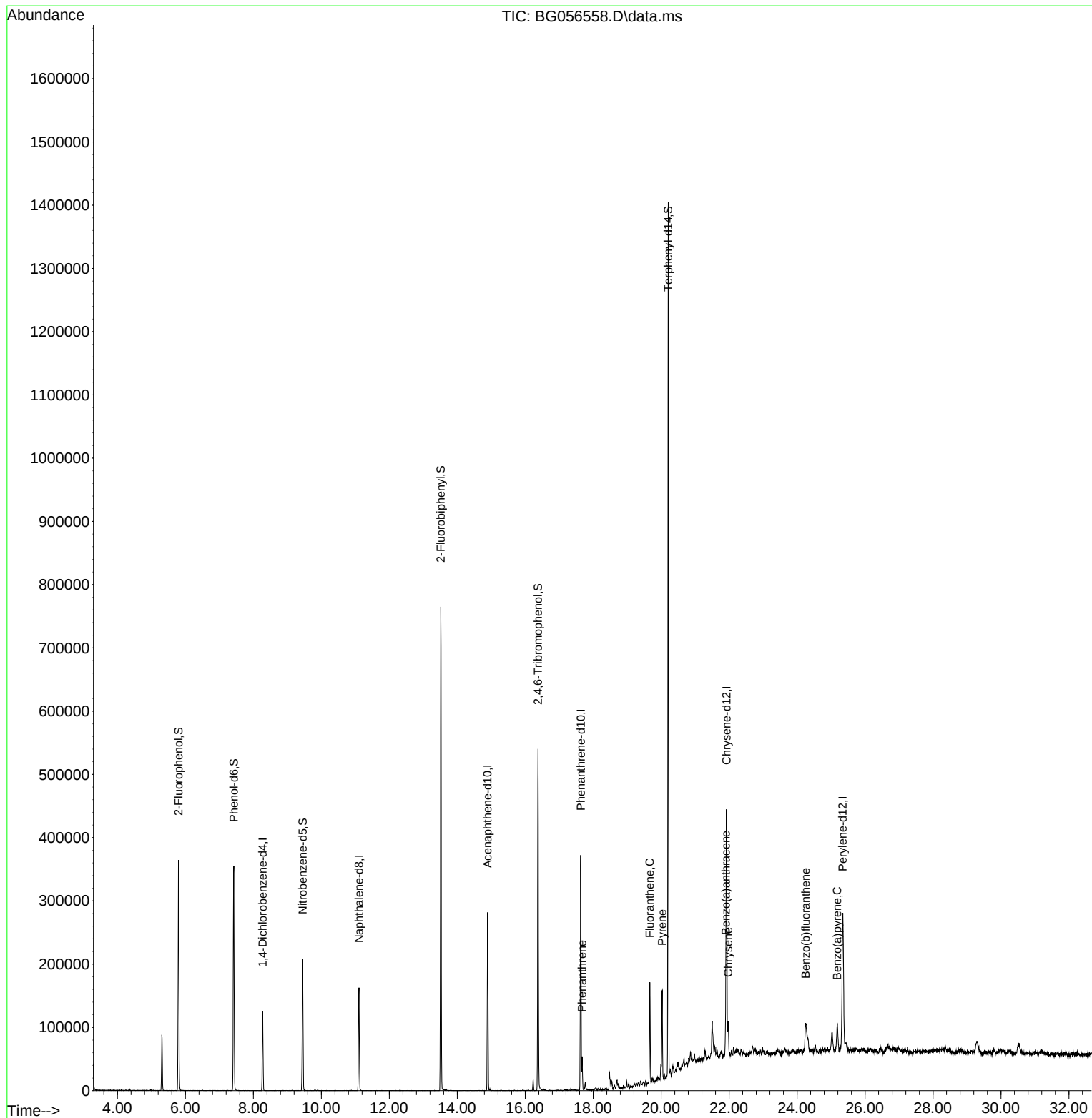
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056558.D
Acq On : 6 Feb 2023 17:05
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Misc :
ALS Vial : 9 Sample Multiplier: 1

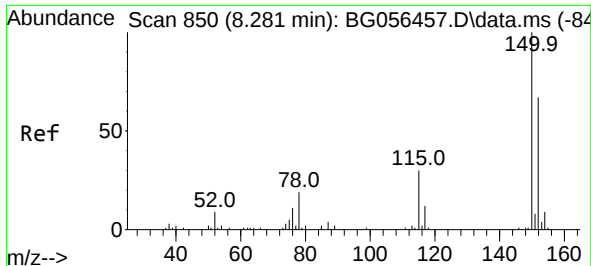
Instrument :
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SASP2-123-2(0-5)

Quant Time: Feb 07 04:34:39 2023
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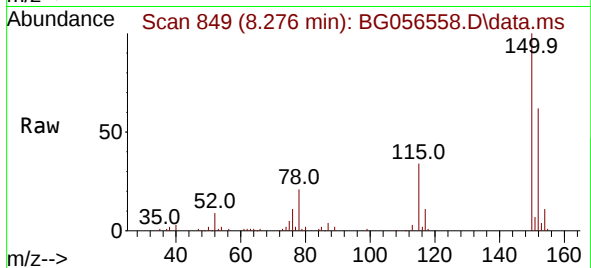
Reviewed By : Christian Giraldo 02/07/2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.001 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

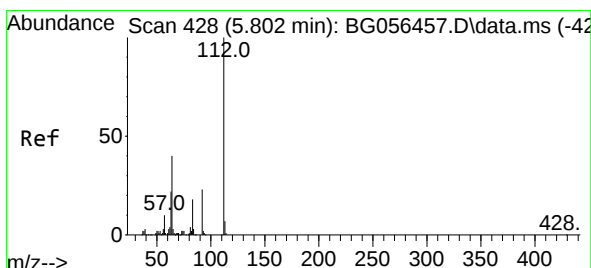
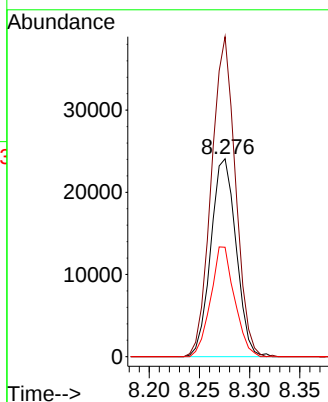
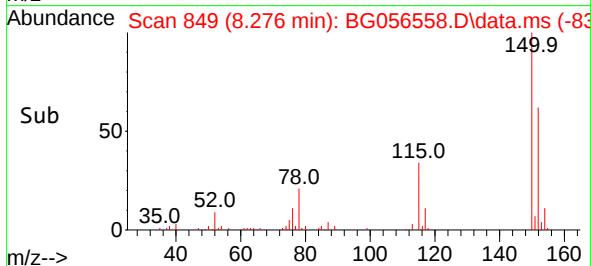
Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion:152 Resp: 42135
Ion Ratio Lower Upper
152 100
150 161.7 120.2 180.4
115 55.3 36.3 54.5

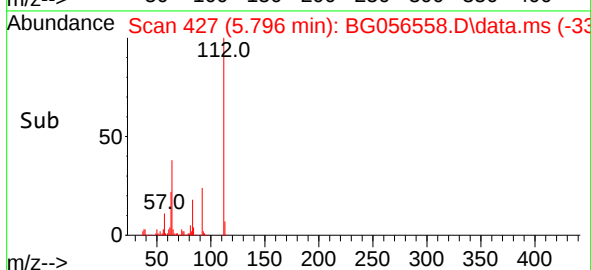
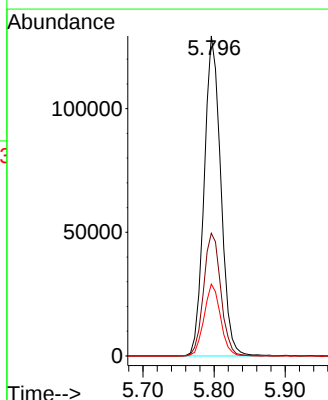
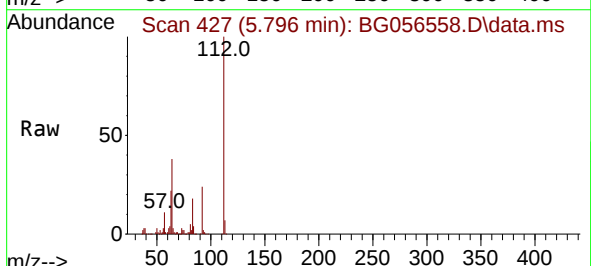
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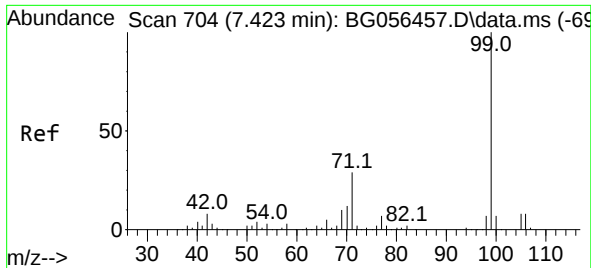
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#5
2-Fluorophenol
Concen: 92.036 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

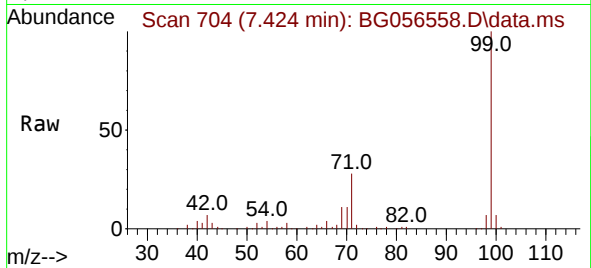
Tgt Ion:112 Resp: 210805
Ion Ratio Lower Upper
112 100
64 38.4 31.9 47.9
63 22.4 17.4 26.0





#7
Phenol-d6
Concen: 85.040 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

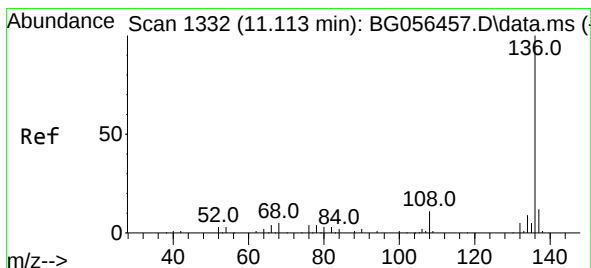
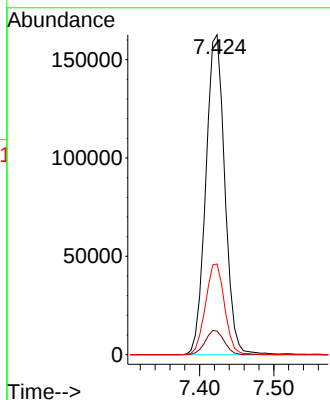
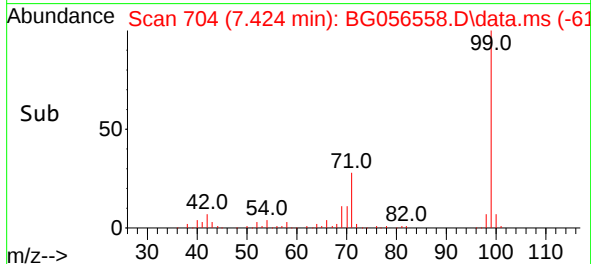
Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)



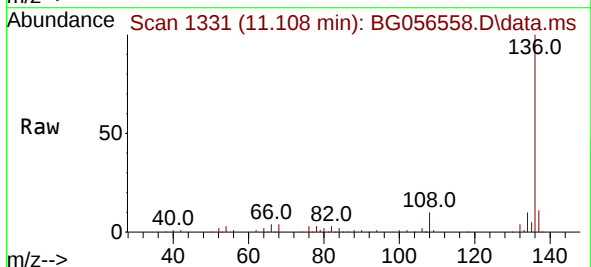
Tgt Ion: 99 Resp: 28860
Ion Ratio Lower Upper
99 100
42 7.4 6.6 10.0
71 28.3 23.4 35.0

Manual Integrations
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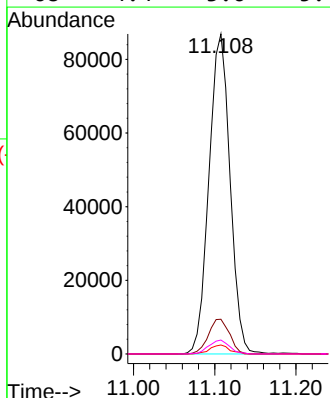
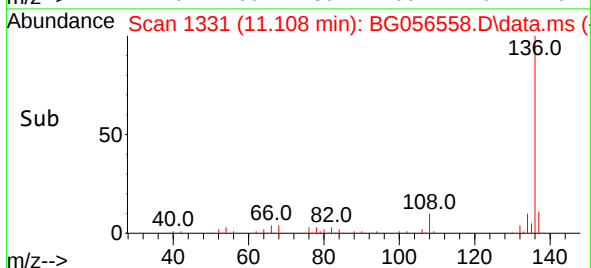
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Supervised By :Jagrut Upadhyay 02/07/2023

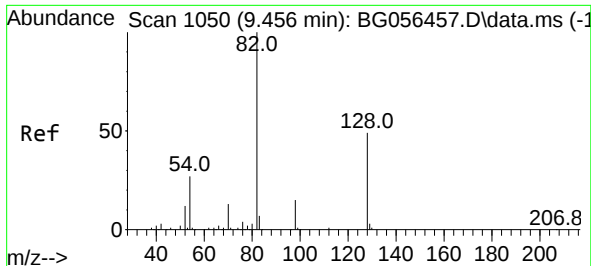


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05



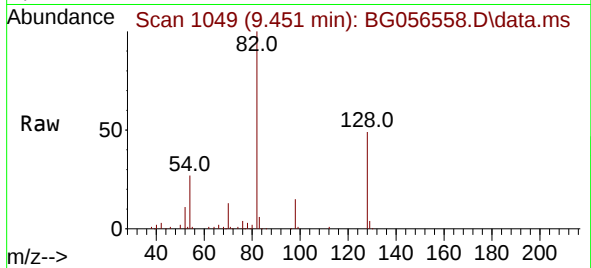
Tgt Ion:136 Resp: 156680
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.8 2.2 3.4
68 4.4 3.6 5.4





#23
Nitrobenzene-d5
Concen: 53.857 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

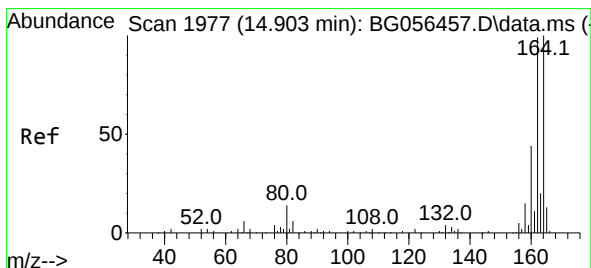
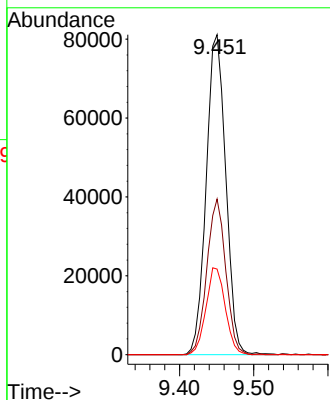
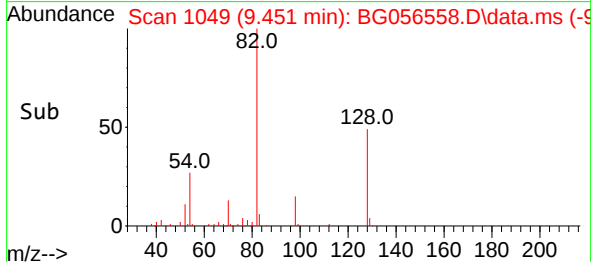
Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion: 82 Resp: 148600
Ion Ratio Lower Upper
82 100
128 48.7 39.4 59.2
54 26.7 21.4 32.2

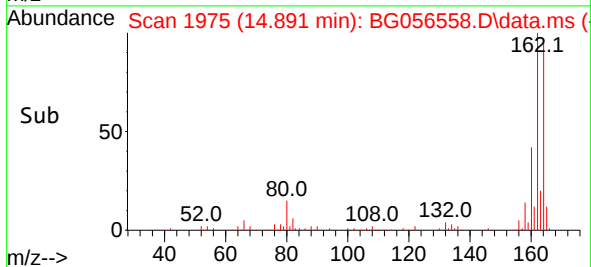
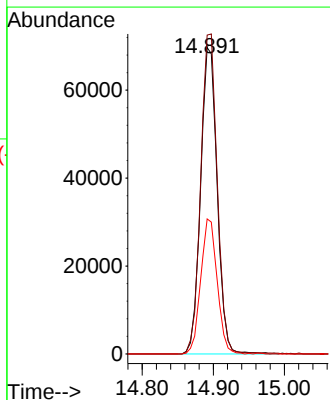
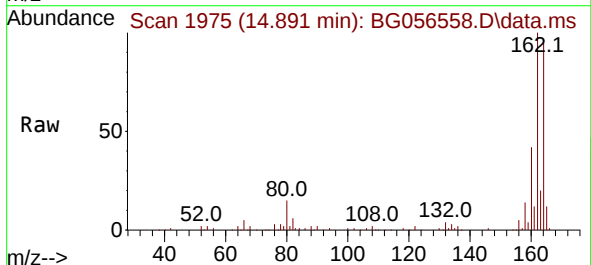
Manual Integrations
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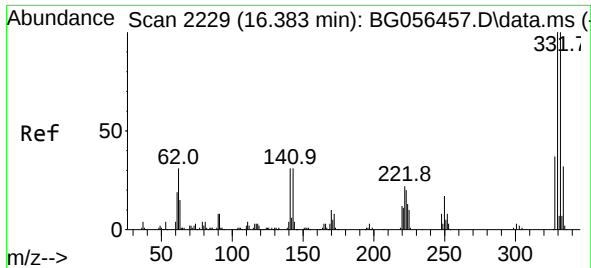
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.891 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

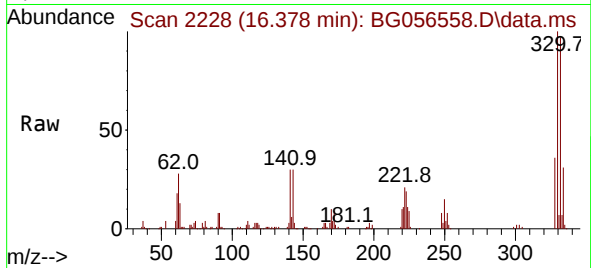
Tgt Ion:164 Resp: 112966
Ion Ratio Lower Upper
164 100
162 104.0 79.6 119.4
160 44.1 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 80.154 ng
RT: 16.378 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

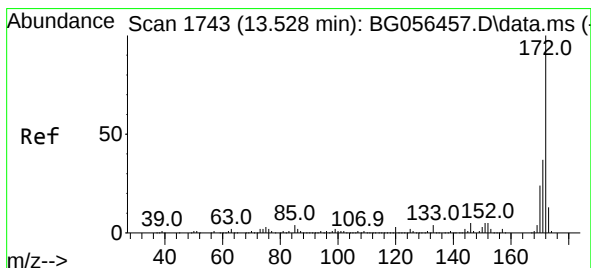
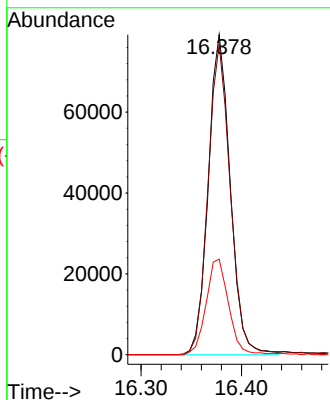
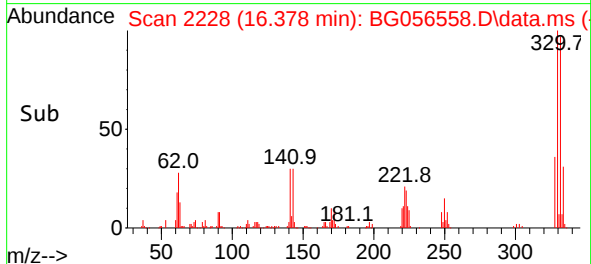
Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)



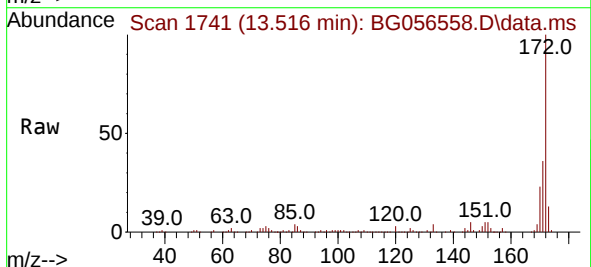
Tgt Ion:330 Resp: 120370
Ion Ratio Lower Upper
330 100
332 99.8 79.0 118.6
141 30.8 24.2 36.4

Manual Integrations
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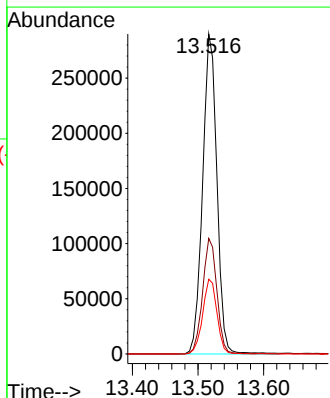
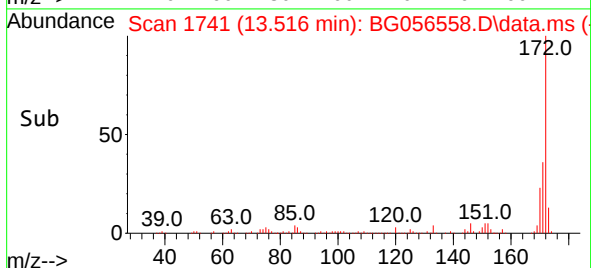
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

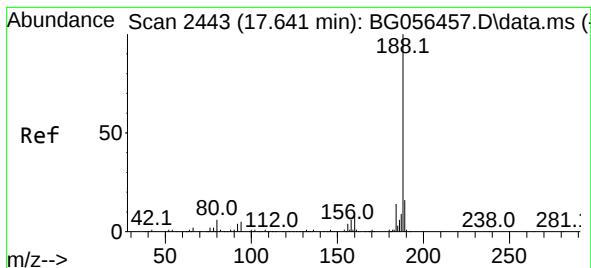


#45
2-Fluorobiphenyl
Concen: 53.962 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05



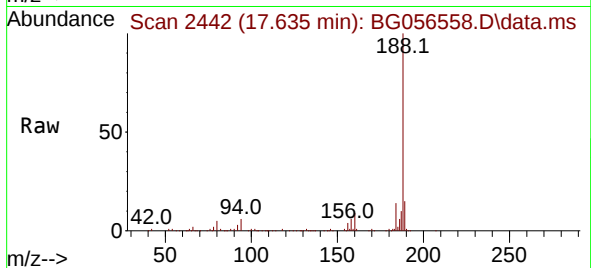
Tgt Ion:172 Resp: 439684
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 23.4 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

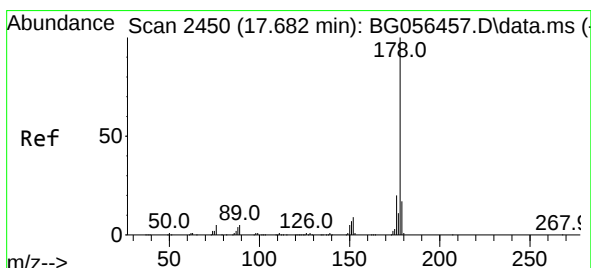
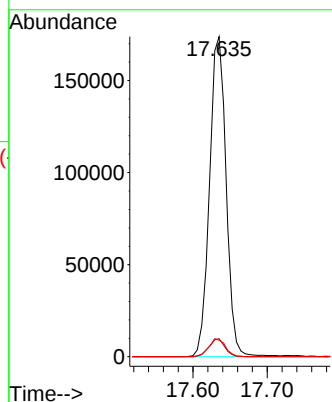
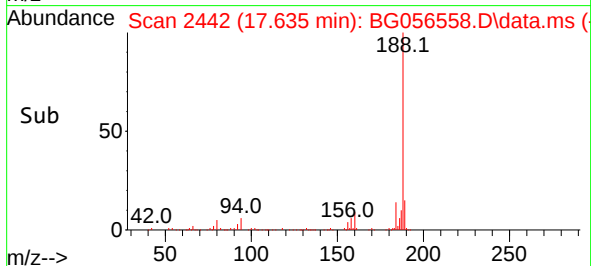
Instrument :
BNA_G
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SASP2-123-2(0-5)



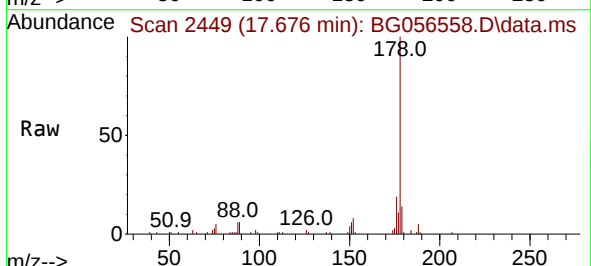
Tgt Ion:188 Resp: 27056
Ion Ratio Lower Upper
188 100
94 5.6 4.1 6.1
80 5.2 5.0 7.4

Manual Integrations
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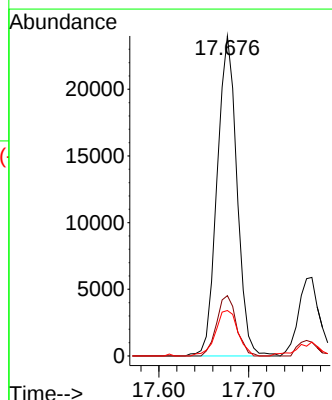
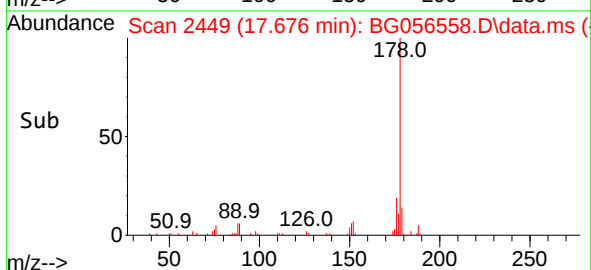
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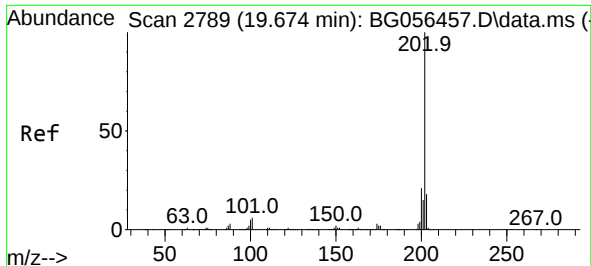


#71
Phenanthrene
Concen: 2.596 ng
RT: 17.676 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05



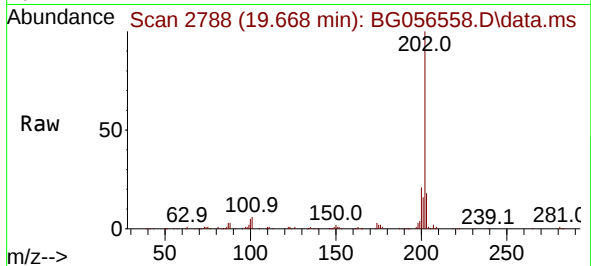
Tgt Ion:178 Resp: 36767
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.2 13.3 19.9





#75
Fluoranthene
Concen: 5.954 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

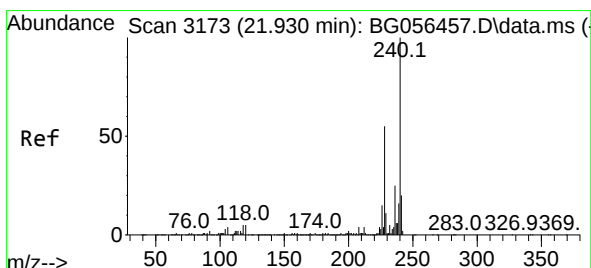
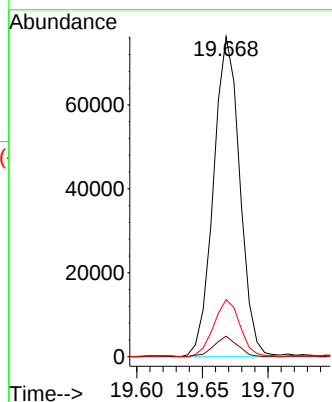
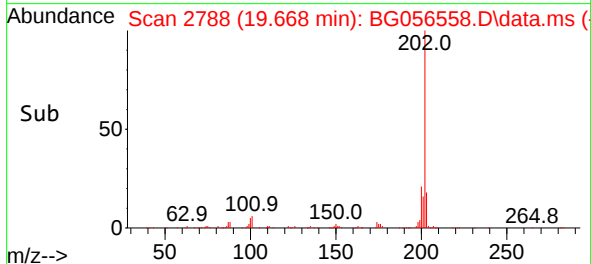
Instrument :
BNA_G
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SASP2-123-2(0-5)



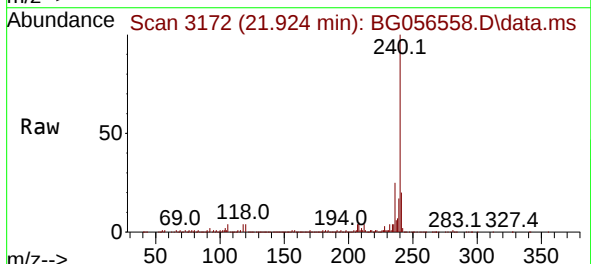
Tgt Ion:202 Resp: 106414
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.6
203 17.8 0.0 38.1

Manual Integrations
APPROVED

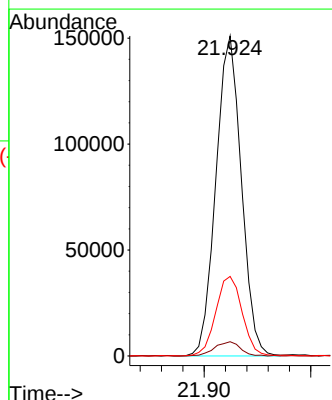
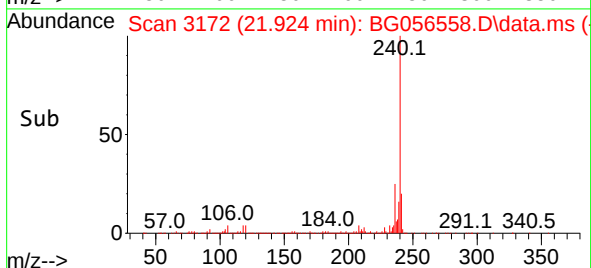
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

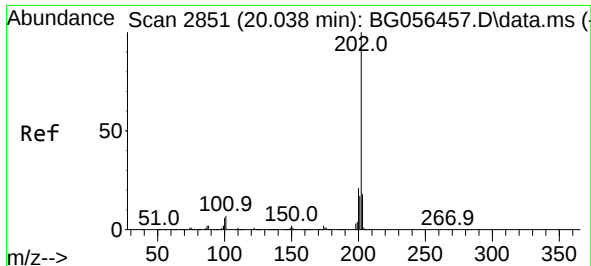


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05



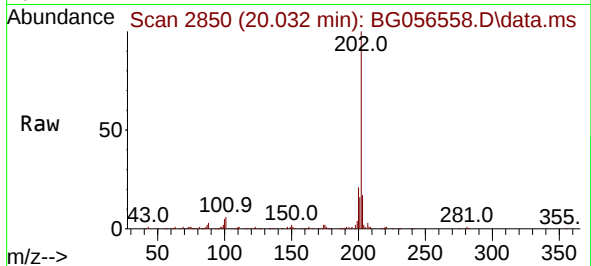
Tgt Ion:240 Resp: 249791
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 24.9 20.2 30.2





#78
 Pyrene
 Concen: 5.701 ng
 RT: 20.032 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056558.D
 Acq: 6 Feb 2023 17:05

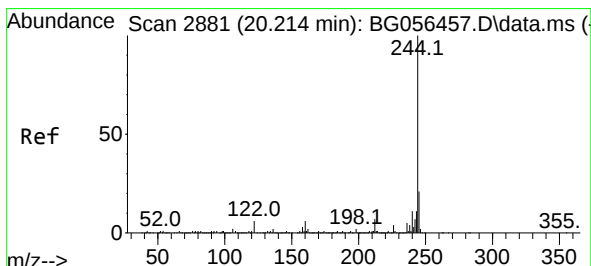
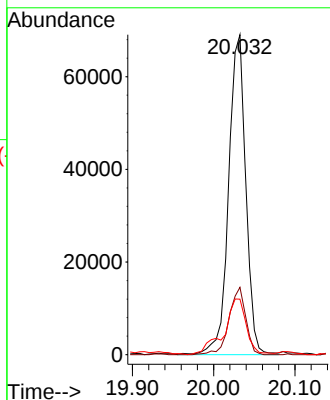
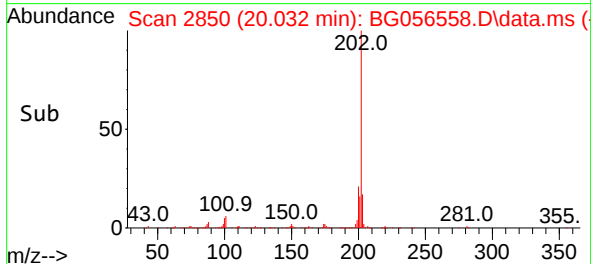
Instrument :
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 ClientSampleId :
 SASP2-123-2(0-5)



Tgt Ion:202 Resp: 101270
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.3 14.4 21.6

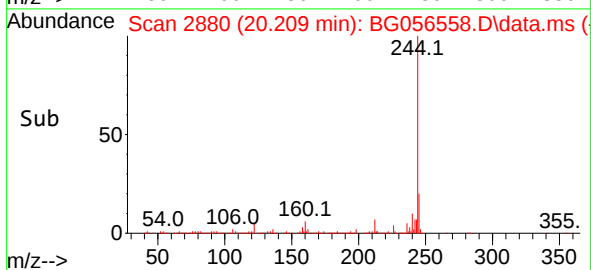
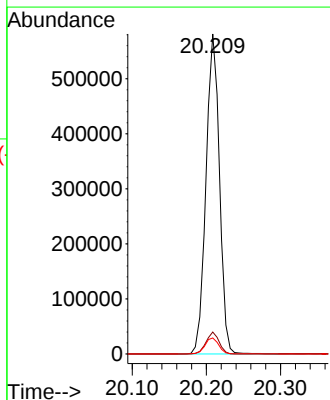
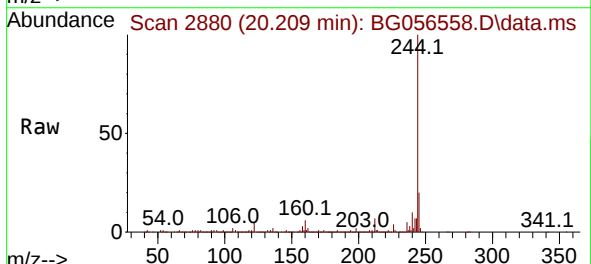
Manual Integrations
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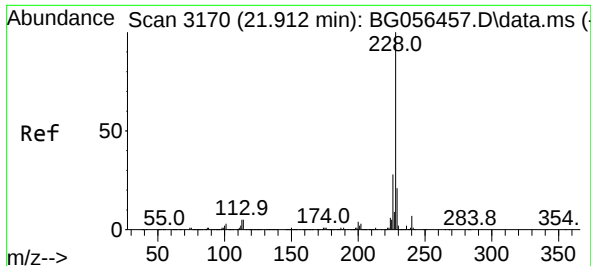
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#79
 Terphenyl-d14
 Concen: 51.632 ng
 RT: 20.209 min Scan# 2880
 Delta R.T. -0.005 min
 Lab File: BG056558.D
 Acq: 6 Feb 2023 17:05

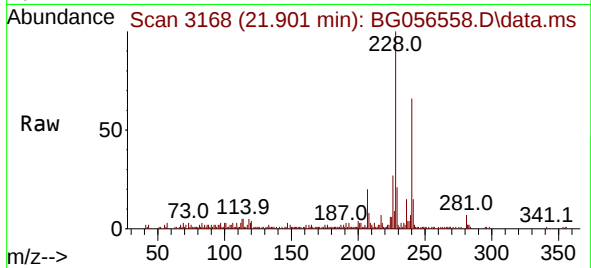
Tgt Ion:244 Resp: 734316
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6





#81
Benzo(a)anthracene
Concen: 2.890 ng
RT: 21.901 min Scan# 3170
Delta R.T. -0.011 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

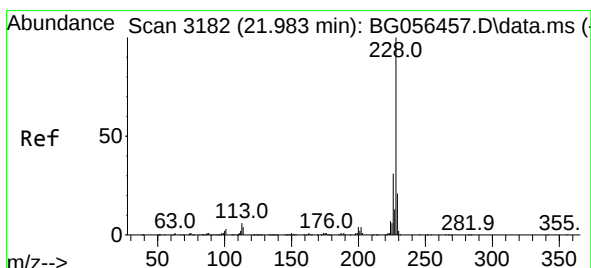
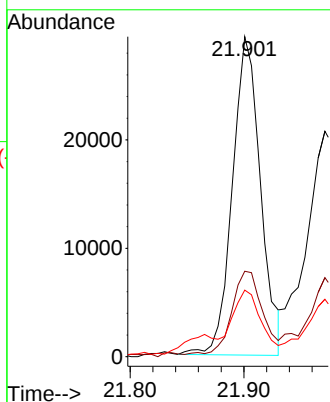
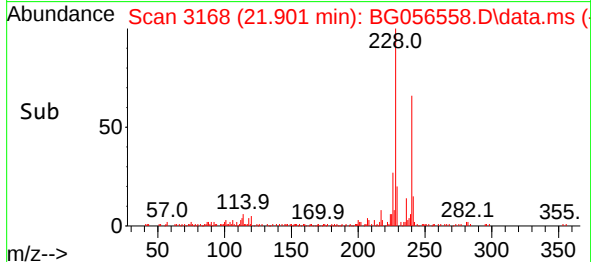
Instrument :
BNA_G
ClientSampleId :
SASP2-123-2(0-5)



Tgt Ion:228 Resp: 50470
Ion Ratio Lower Upper
228 100
226 26.7 22.4 33.6
229 20.8 16.5 24.7

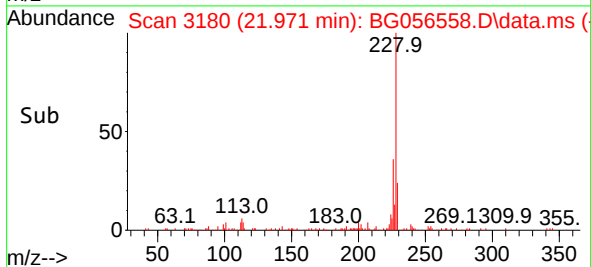
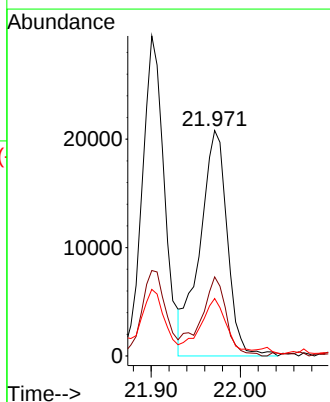
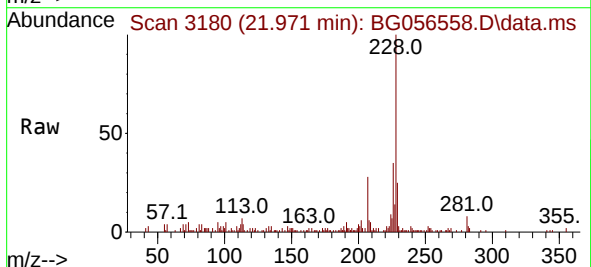
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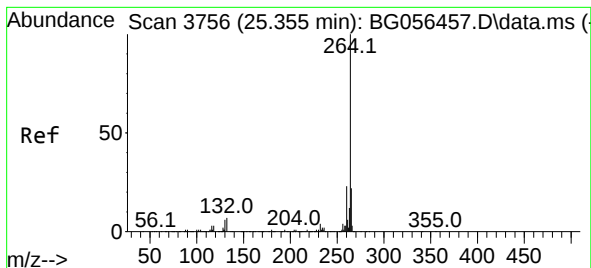
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#83
Chrysene
Concen: 2.720 ng m
RT: 21.971 min Scan# 3180
Delta R.T. -0.011 min
Lab File: BG056558.D
Acq: 6 Feb 2023 17:05

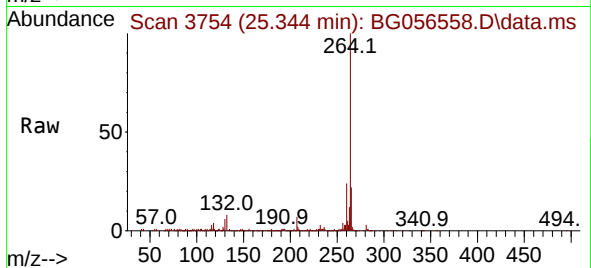
Tgt Ion:228 Resp: 44629
Ion Ratio Lower Upper
228 100
226 35.1 25.0 37.4
229 25.5 16.4 24.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG056558.D
 Acq: 6 Feb 2023 17:05

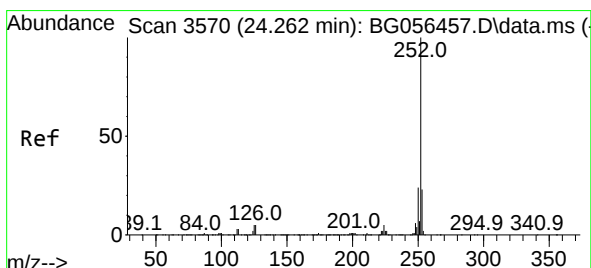
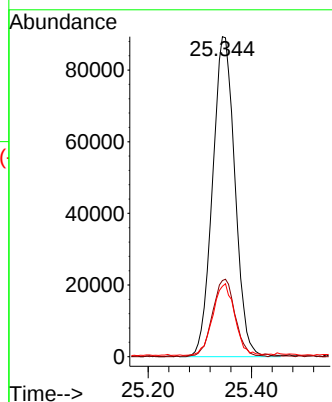
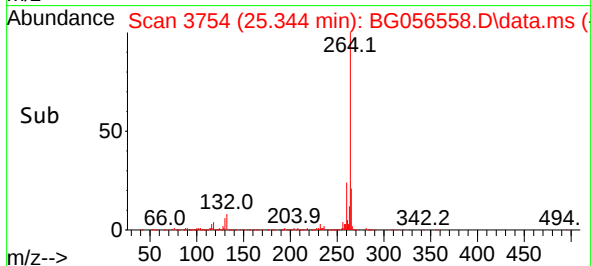
Instrument :
 BNA_G
 ClientSampleId :
 SASP2-123-2(0-5)



Tgt Ion:264 Resp: 268170
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 22.0 18.1 27.1

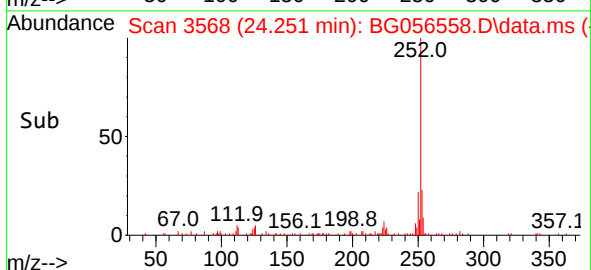
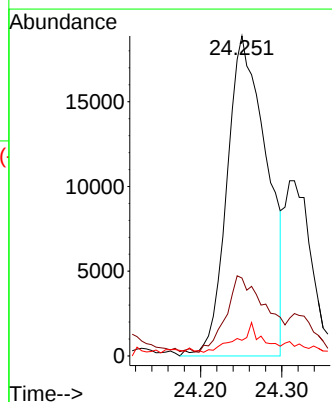
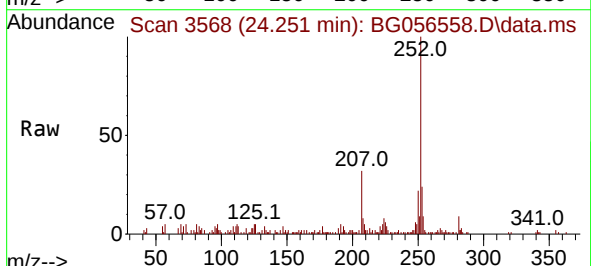
Manual Integrations
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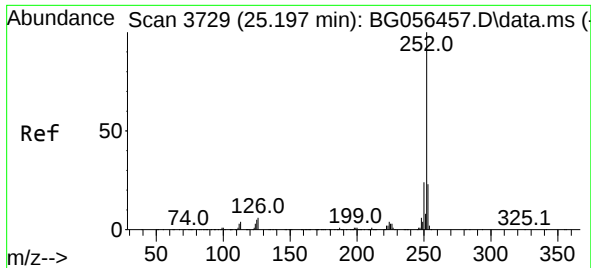
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#88
 Benzo(b)fluoranthene
 Concen: 3.853 ng
 RT: 24.251 min Scan# 3568
 Delta R.T. -0.011 min
 Lab File: BG056558.D
 Acq: 6 Feb 2023 17:05

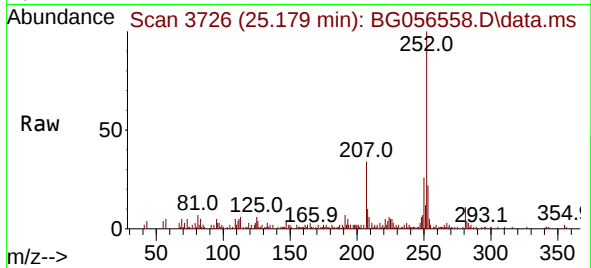
Tgt Ion:252 Resp: 64127
 Ion Ratio Lower Upper
 252 100
 253 24.4 18.1 27.1
 125 4.9 3.9 5.9





#90
 Benzo(a)pyrene
 Concen: 3.053 ng
 RT: 25.179 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG056558.D
 Acq: 6 Feb 2023 17:05

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-123-2(0-5)



Tgt Ion:252 Resp: 50062
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 5.7 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023

