

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055986.D
 Acq On : 15 Dec 2022 21:14
 Operator : CG/JU
 Sample : N6058-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121422

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 04:07:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	12499	20.000	ng	0.00
21) Naphthalene-d8	11.214	136	45641	20.000	ng	# 0.00
39) Acenaphthene-d10	14.987	164	34582	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	82253	20.000	ng	0.01
76) Chrysene-d12	22.037	240	81089	20.000	ng	# 0.01
86) Perylene-d12	25.551	264	70286	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.897	112	23150	43.436	ng	0.01
7) Phenol-d6	7.507	99	28455	41.512	ng	0.01
23) Nitrobenzene-d5	9.552	82	19035	29.145	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	34879	41.828	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	70201	28.470	ng	0.00
79) Terphenyl-d14	20.298	244	126017	27.466	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.766	178	10610	2.461	ng	99
75) Fluoranthene	19.752	202	16852	2.792	ng	98
78) Pyrene	20.116	202	22972	4.682	ng	97
81) Benzo(a)anthracene	22.014	228	11517	2.018	ng	# 82
83) Chrysene	22.084	228	13631m	2.549	ng	

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

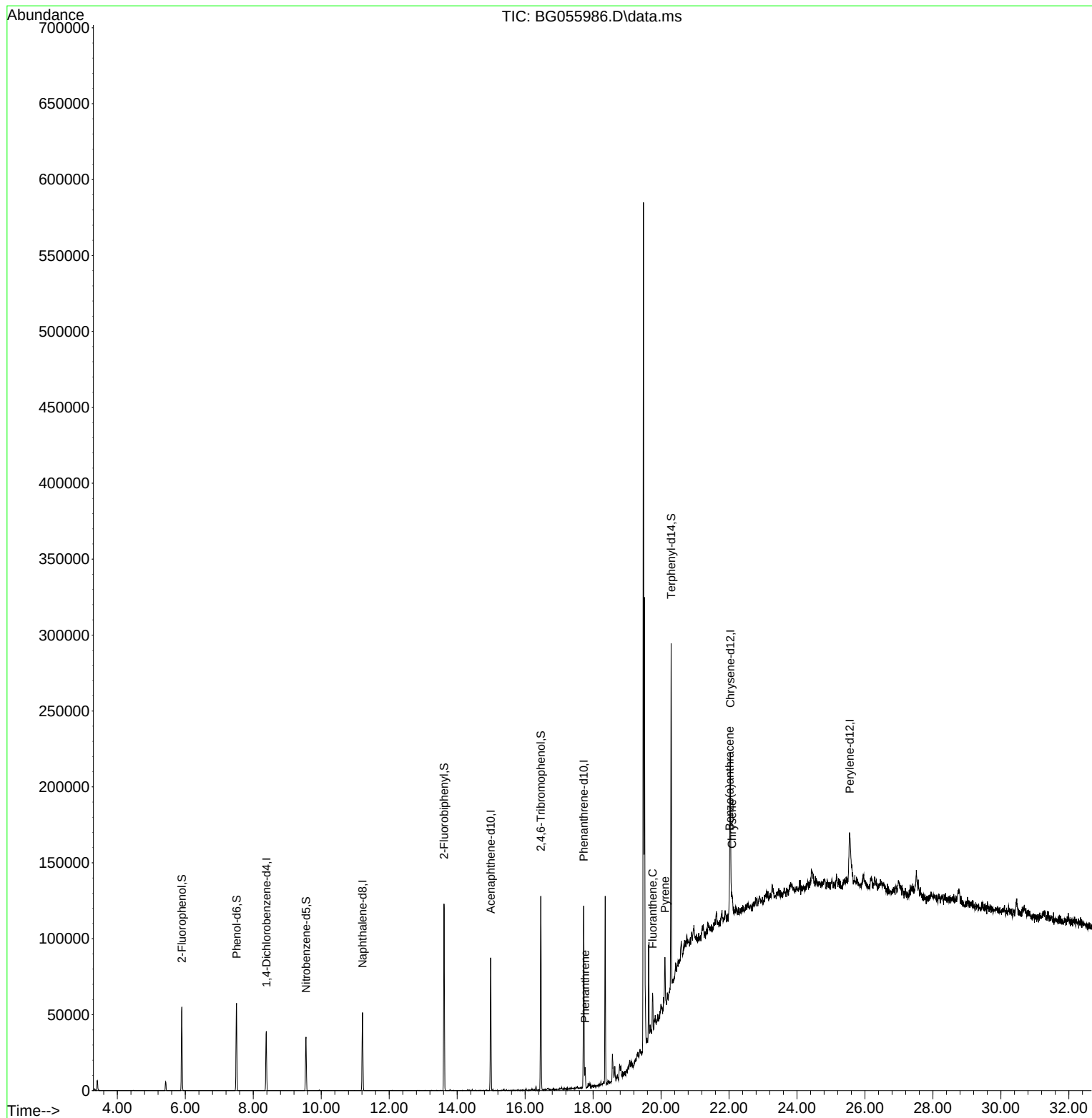
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055986.D
Acq On : 15 Dec 2022 21:14
Operator : CG/JU
Sample : N6058-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

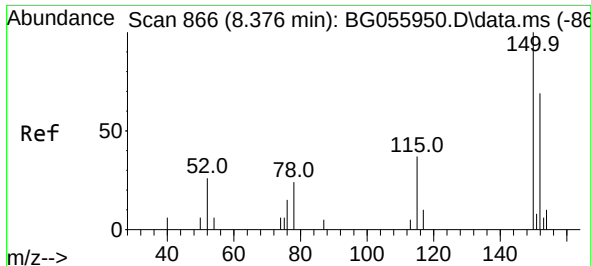
Instrument :
BNA_G
ClientSampleId :
SU-03-121422

Quant Time: Dec 16 04:07:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
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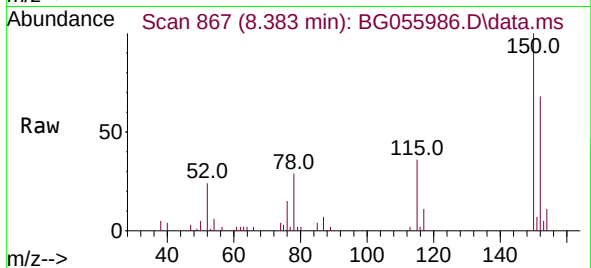
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.383 min Scan# 866
Delta R.T. 0.007 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-121422

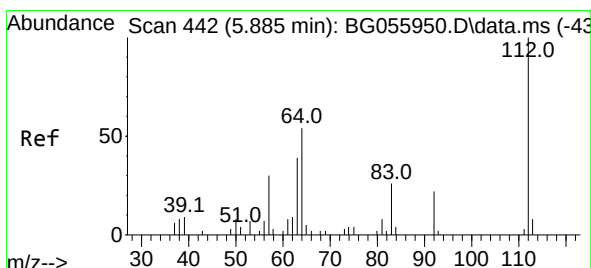
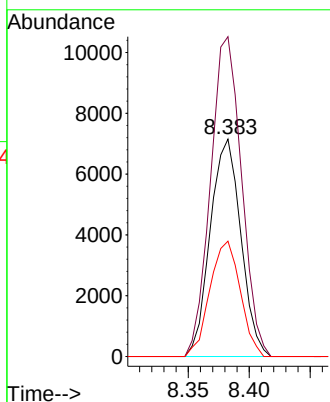
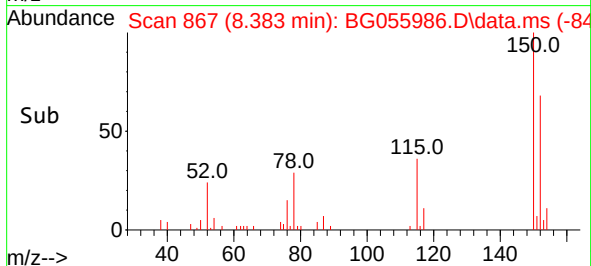


Tgt Ion:152 Resp: 12499
Ion Ratio Lower Upper
152 100
150 147.1 115.7 173.5
115 53.1 43.0 64.4

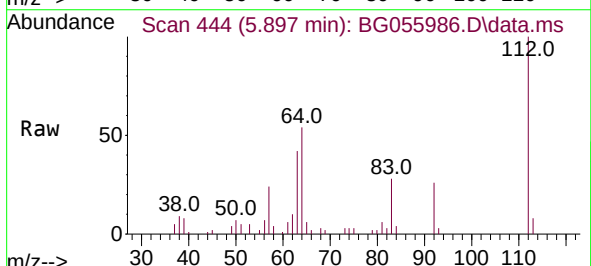
Manual Integrations

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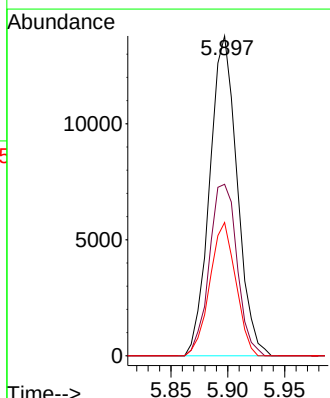
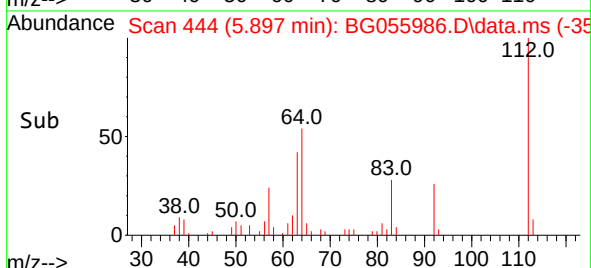
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

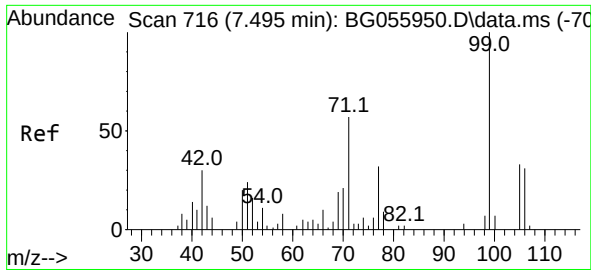


#5
2-Fluorophenol
Concen: 43.436 ng
RT: 5.897 min Scan# 444
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14



Tgt Ion:112 Resp: 23150
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 41.7 31.4 47.2





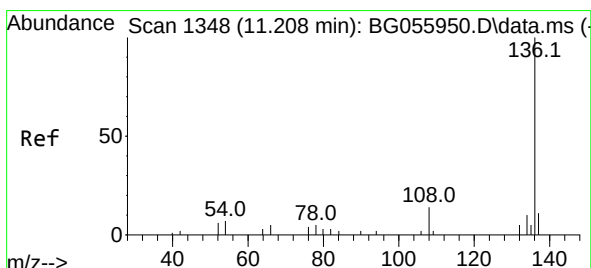
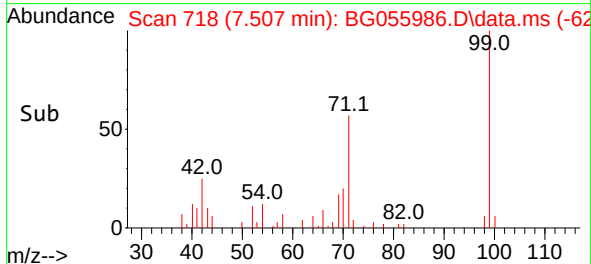
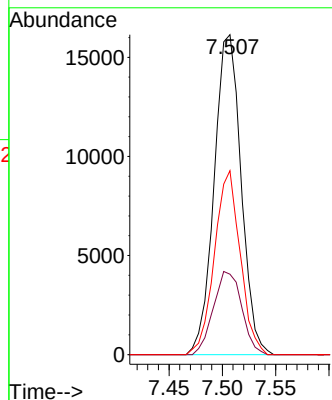
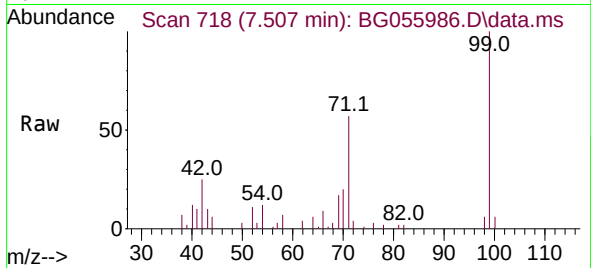
#7
Phenol-d6
Concen: 41.512 ng
RT: 7.507 min Scan# 716
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
SU-03-121422

Tgt Ion: 99 Resp: 2845
Ion Ratio Lower Upper
99 100
42 25.1 24.3 36.5
71 57.5 45.6 68.4

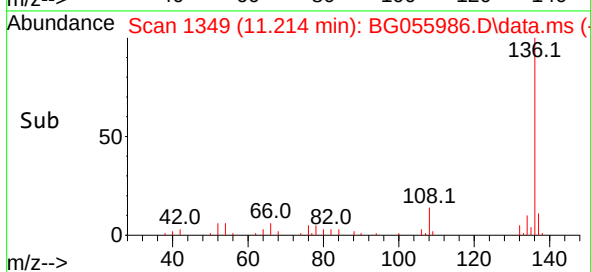
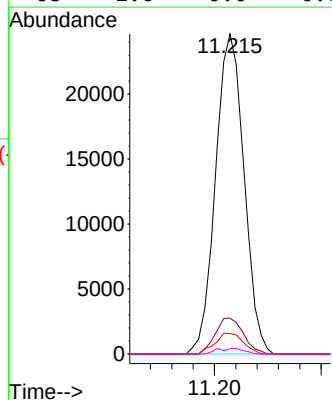
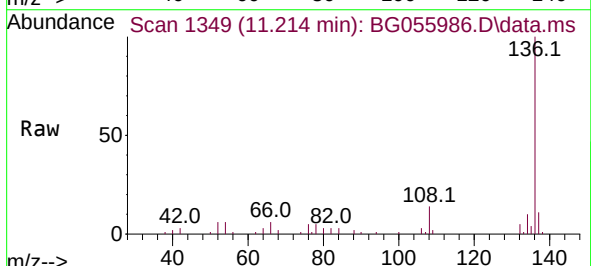
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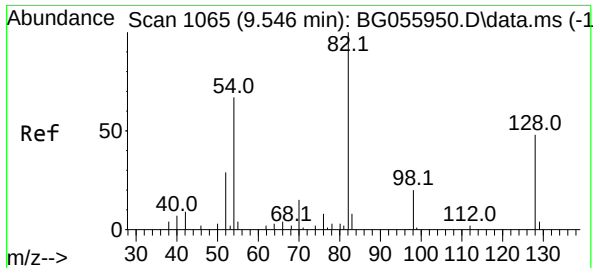
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.214 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:136 Resp: 45641
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.3 5.6 8.4
68 1.6 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 29.145 ng

RT: 9.552 min Scan# 1066

Delta R.T. 0.006 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

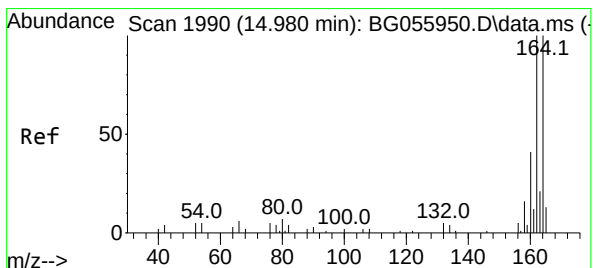
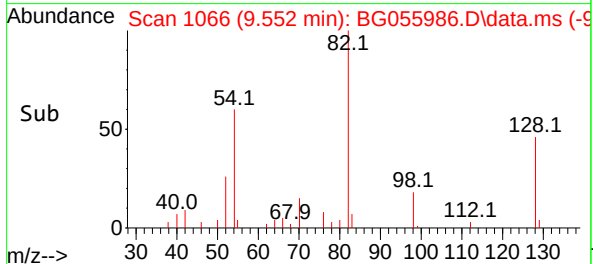
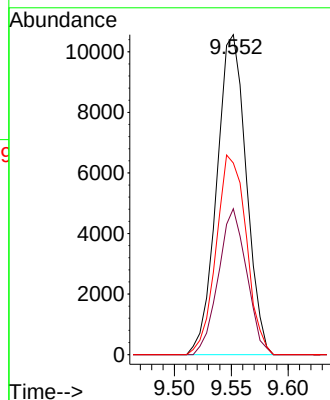
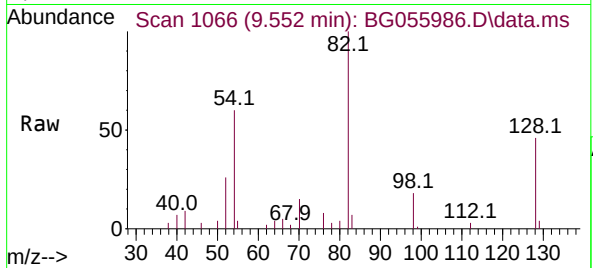
SU-03-121422

Tgt Ion: 82	Resp: 19035
Ion Ratio	Lower Upper
82	100
128	45.6 38.4 57.6
54	59.9 53.3 79.9

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Supervised By :mohammad ahmed 12/17/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

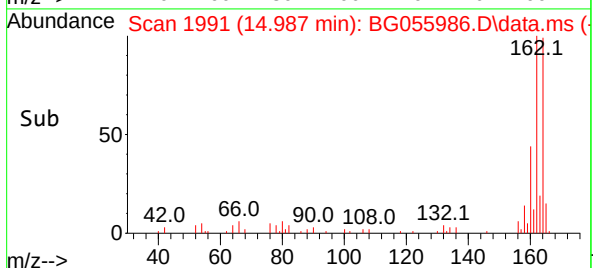
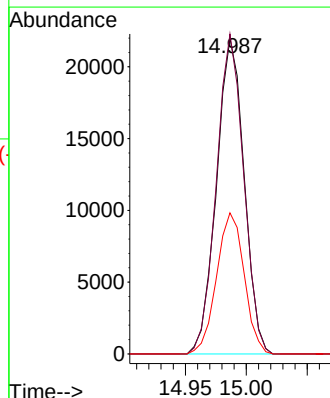
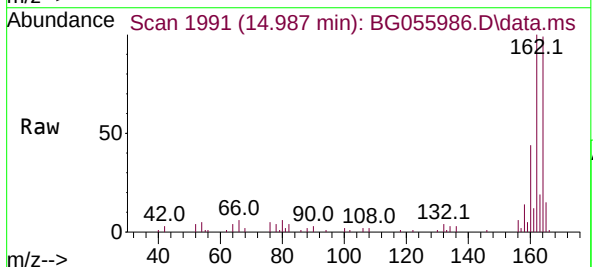
RT: 14.987 min Scan# 1991

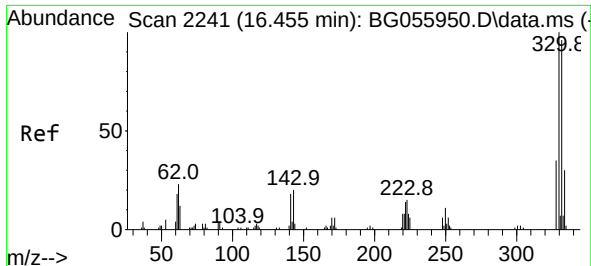
Delta R.T. 0.006 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Tgt Ion:164	Resp: 34582
Ion Ratio	Lower Upper
164	100
162	101.5 79.8 119.8
160	44.7 33.0 49.4





#42
2,4,6-Tribromophenol
Concen: 41.828 ng
RT: 16.461 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

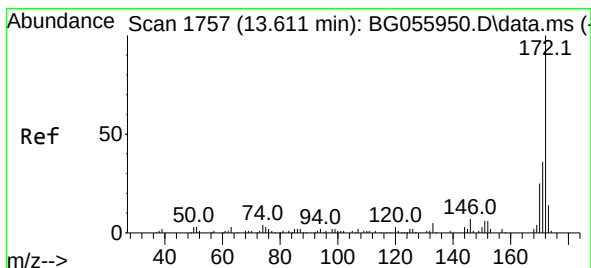
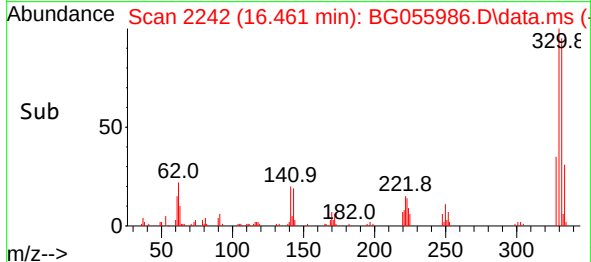
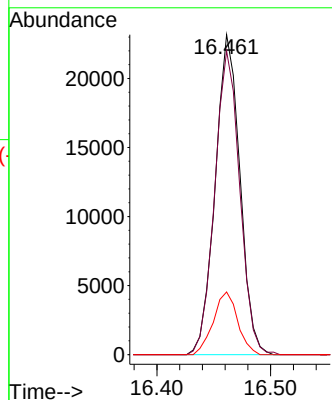
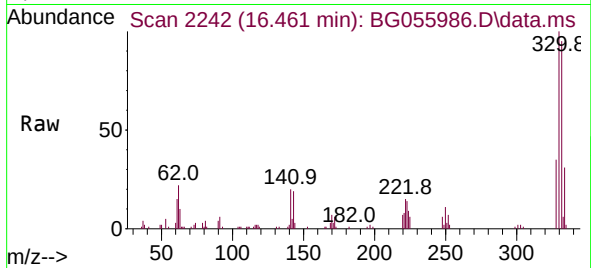
SU-03-121422

Tgt Ion:330 Resp: 34879
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 19.3 15.0 22.4

Manual Integrations

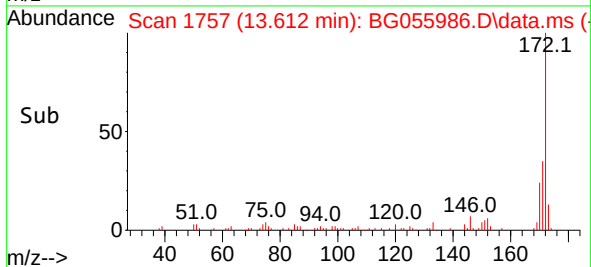
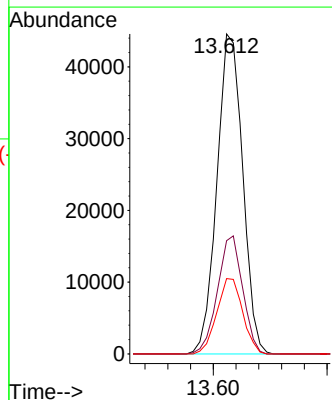
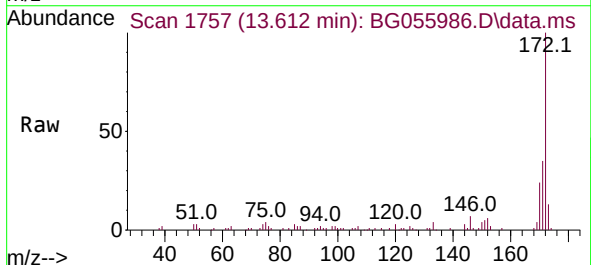
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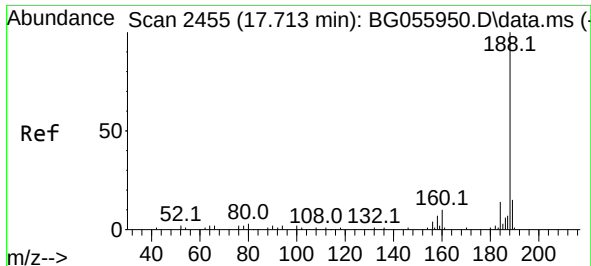
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#45
2-Fluorobiphenyl
Concen: 28.470 ng
RT: 13.612 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:172 Resp: 70201
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.9 29.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.725 min Scan# 2455
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

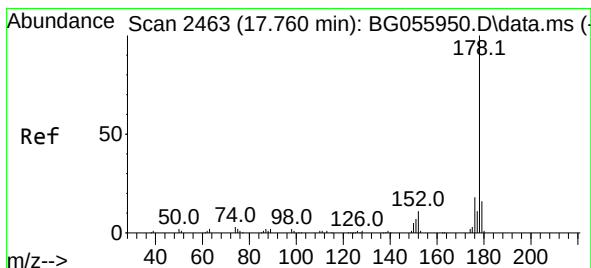
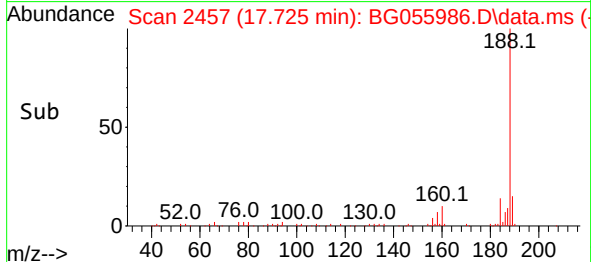
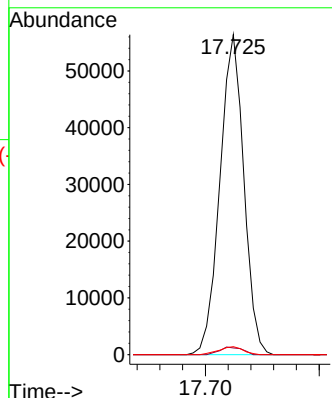
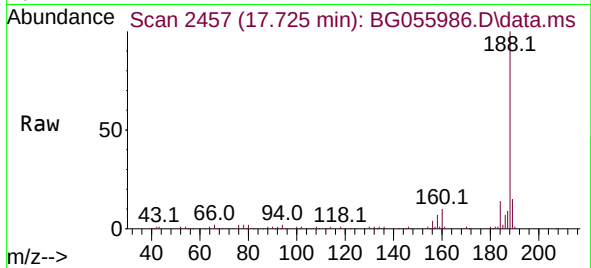
SU-03-121422

Tgt Ion:188 Resp: 8225
Ion Ratio Lower Upper
188 100
94 2.1 1.8 2.8
80 2.5 2.4 3.6

Manual Integrations

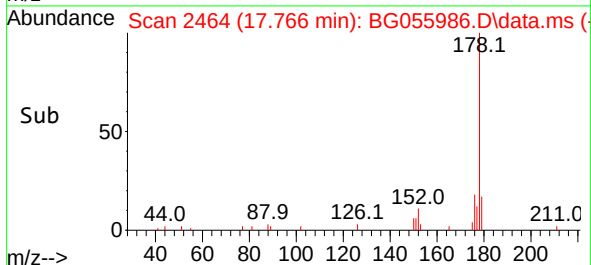
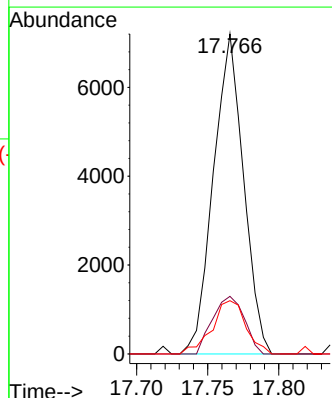
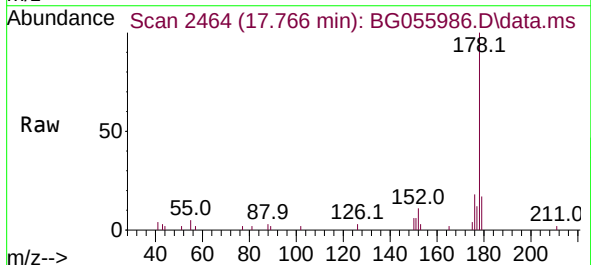
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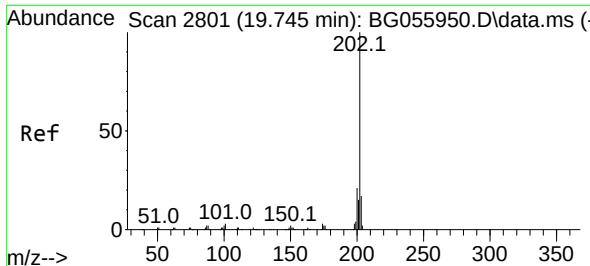
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#71
Phenanthrene
Concen: 2.461 ng
RT: 17.766 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

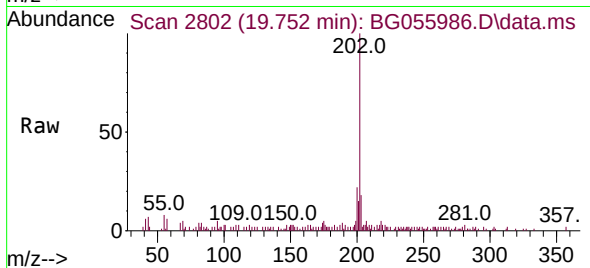
Tgt Ion:178 Resp: 10610
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 16.6 12.7 19.1





#75
Fluoranthene
Concen: 2.792 ng
RT: 19.752 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

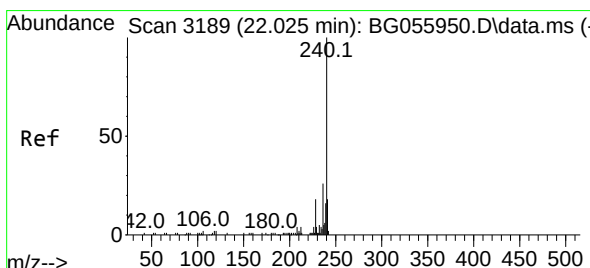
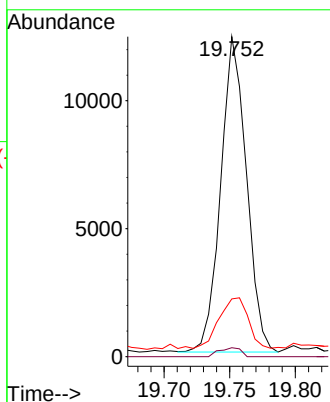
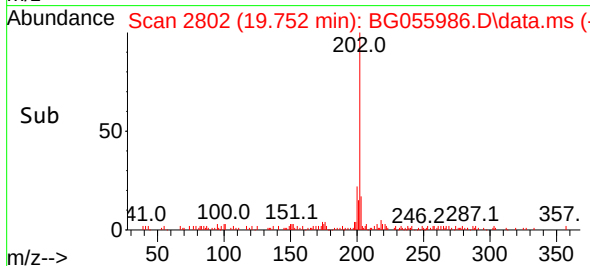
Instrument :
BNA_G
ClientSampleId :
SU-03-121422



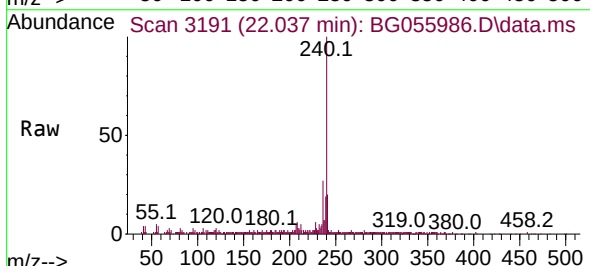
Tgt Ion:202 Resp: 16852
Ion Ratio Lower Upper
202 100
101 2.8 0.0 22.6
203 18.0 0.0 37.1

Manual Integrations
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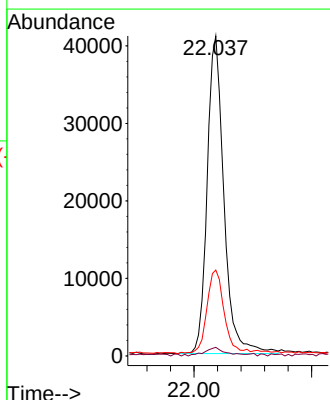
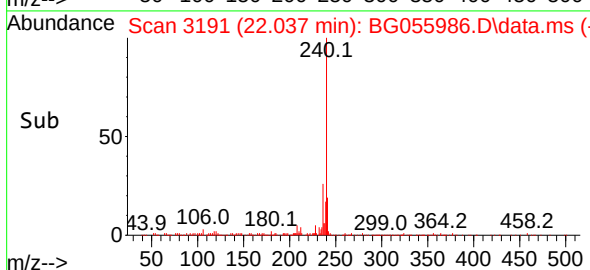
Reviewed By :Jagrut Upadhyay 12/16/2022
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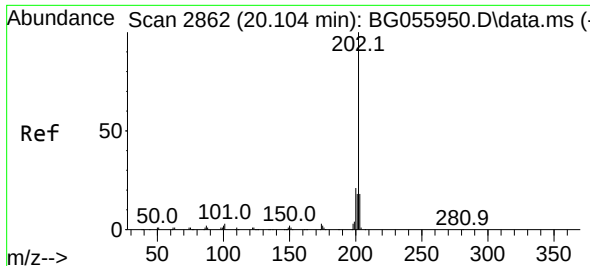


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 3191
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14



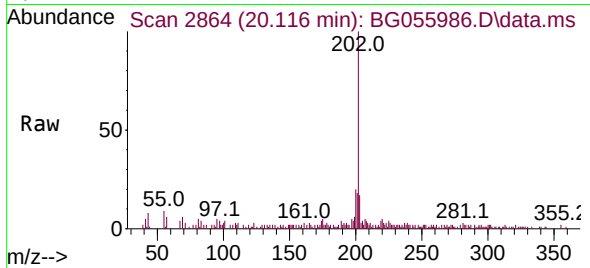
Tgt Ion:240 Resp: 81089
Ion Ratio Lower Upper
240 100
120 2.7 1.7 2.5#
236 26.8 21.1 31.7





#78
Pyrene
Concen: 4.682 ng
RT: 20.116 min Scan# 2864
Delta R.T. 0.012 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

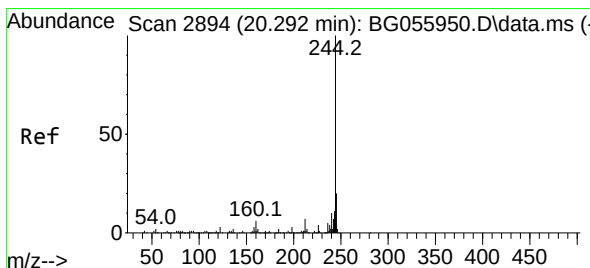
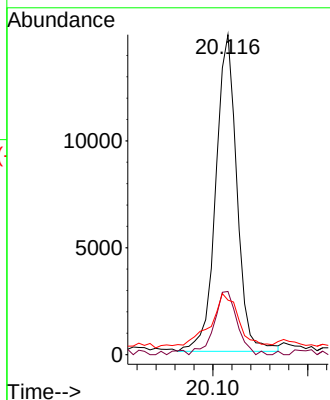
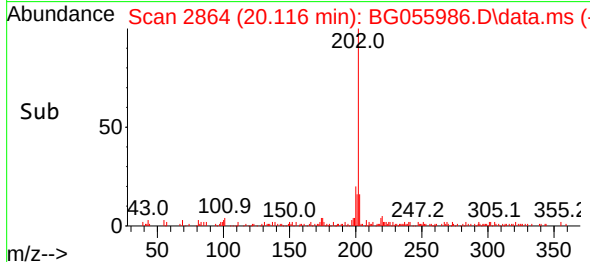
Instrument :
BNA_G
ClientSampleId :
SU-03-121422



Tgt Ion:202 Resp: 22972
Ion Ratio Lower Upper
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200 19.7 16.7 25.1
203 17.0 14.6 21.8

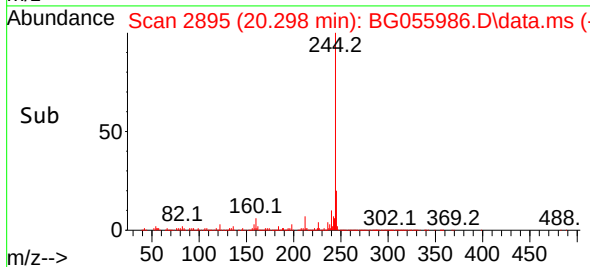
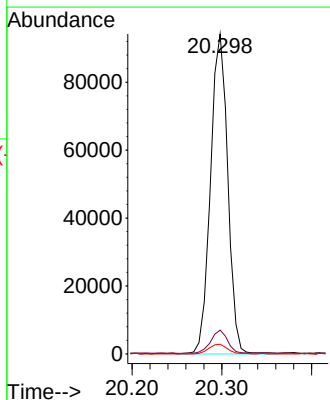
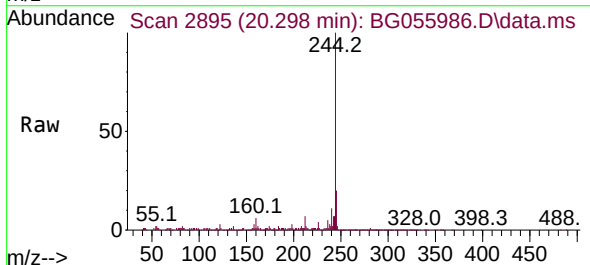
Manual Integrations
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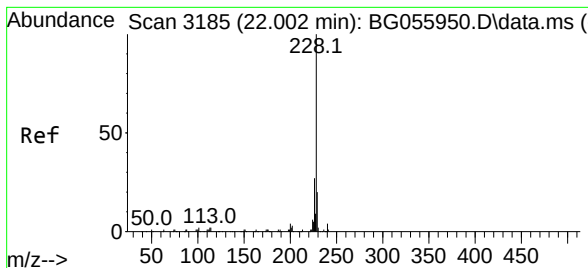
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#79
Terphenyl-d14
Concen: 27.466 ng
RT: 20.298 min Scan# 2895
Delta R.T. 0.006 min
Lab File: BG055986.D
Acq: 15 Dec 2022 21:14

Tgt Ion:244 Resp: 126017
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 3.0 2.5 3.7





#81

Benzo(a)anthracene

Concen: 2.018 ng

RT: 22.014 min Scan# 3185

Delta R.T. 0.012 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

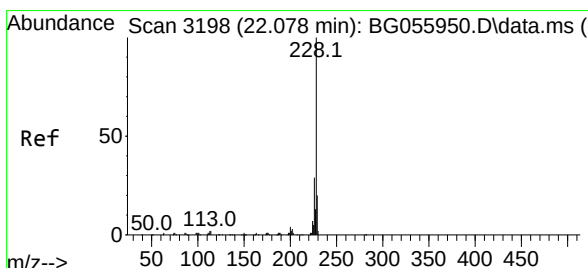
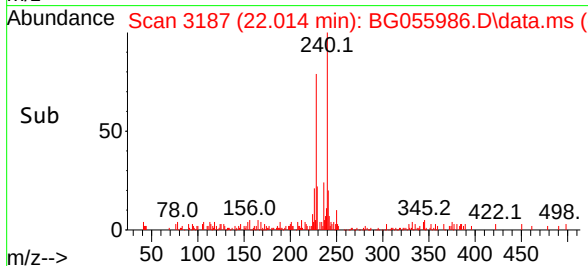
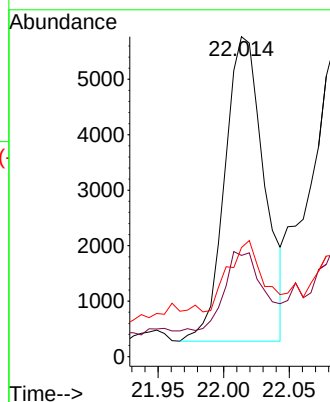
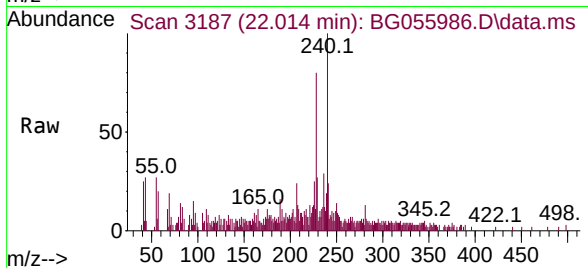
SU-03-121422

Tgt Ion:	228	Resp:	1151
Ion Ratio	Lower	Upper	
228	100		
226	31.6	21.8	32.6
229	34.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#83

Chrysene

Concen: 2.549 ng m

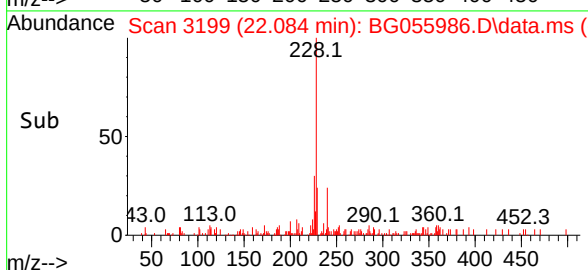
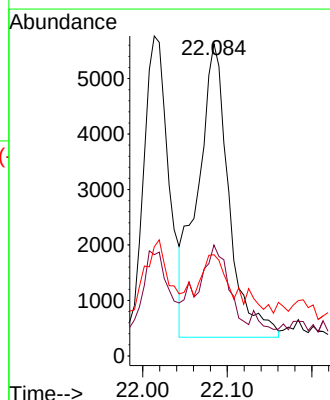
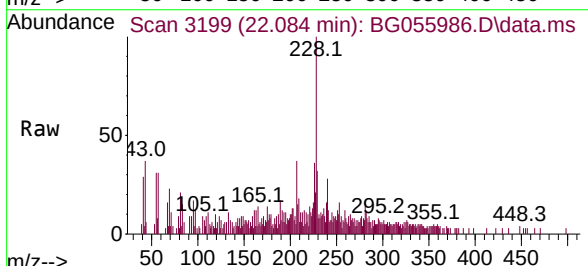
RT: 22.084 min Scan# 3199

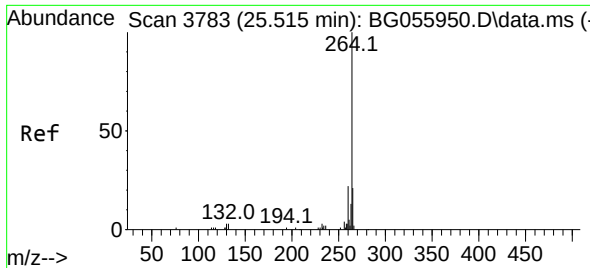
Delta R.T. 0.006 min

Lab File: BG055986.D

Acq: 15 Dec 2022 21:14

Tgt Ion:	228	Resp:	13631
Ion Ratio	Lower	Upper	
228	100		
226	35.5	23.1	34.7#
229	32.4	15.7	23.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.551 min Scan# 31

Delta R.T. 0.035 min

Lab File: BG055986.D

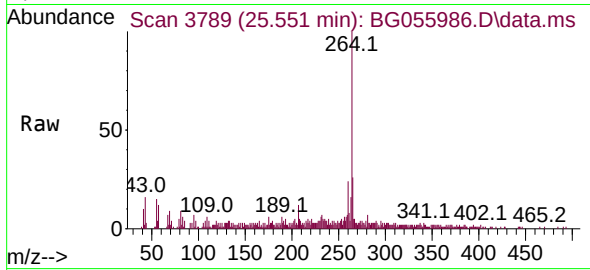
Acq: 15 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

SU-03-121422



Tgt Ion:264 Resp: 70286

Ion Ratio Lower Upper

264 100

260 24.3 17.8 26.8

265 26.4 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022

Supervised By :mohammad ahmed 12/17/2022

