

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG056001.D
 Acq On : 16 Dec 2022 19:52
 Operator : CG/JU
 Sample : N6038-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-40-(3-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:24:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	8408	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	30647	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	27041	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	78798	20.000	ng	# 0.00
76) Chrysene-d12	22.025	240	81908	20.000	ng	0.00
86) Perylene-d12	25.521	264	98010	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	32494	90.633	ng	0.00
7) Phenol-d6	7.501	99	39492	85.645	ng	0.00
23) Nitrobenzene-d5	9.546	82	25956	59.186	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	63023	96.655	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	99099	51.398	ng	0.00
79) Terphenyl-d14	20.292	244	257788	55.625	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.745	202	21069	3.644	ng	97
78) Pyrene	20.104	202	22403	4.520	ng	99
81) Benzo(a)anthracene	22.002	228	16455	2.855	ng	97
83) Chrysene	22.072	228	13989m	2.590	ng	
88) Benzo(b)fluoranthene	24.411	252	21270	3.353	ng	# 100
90) Benzo(a)pyrene	25.351	252	16321	3.044	ng	# 94

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

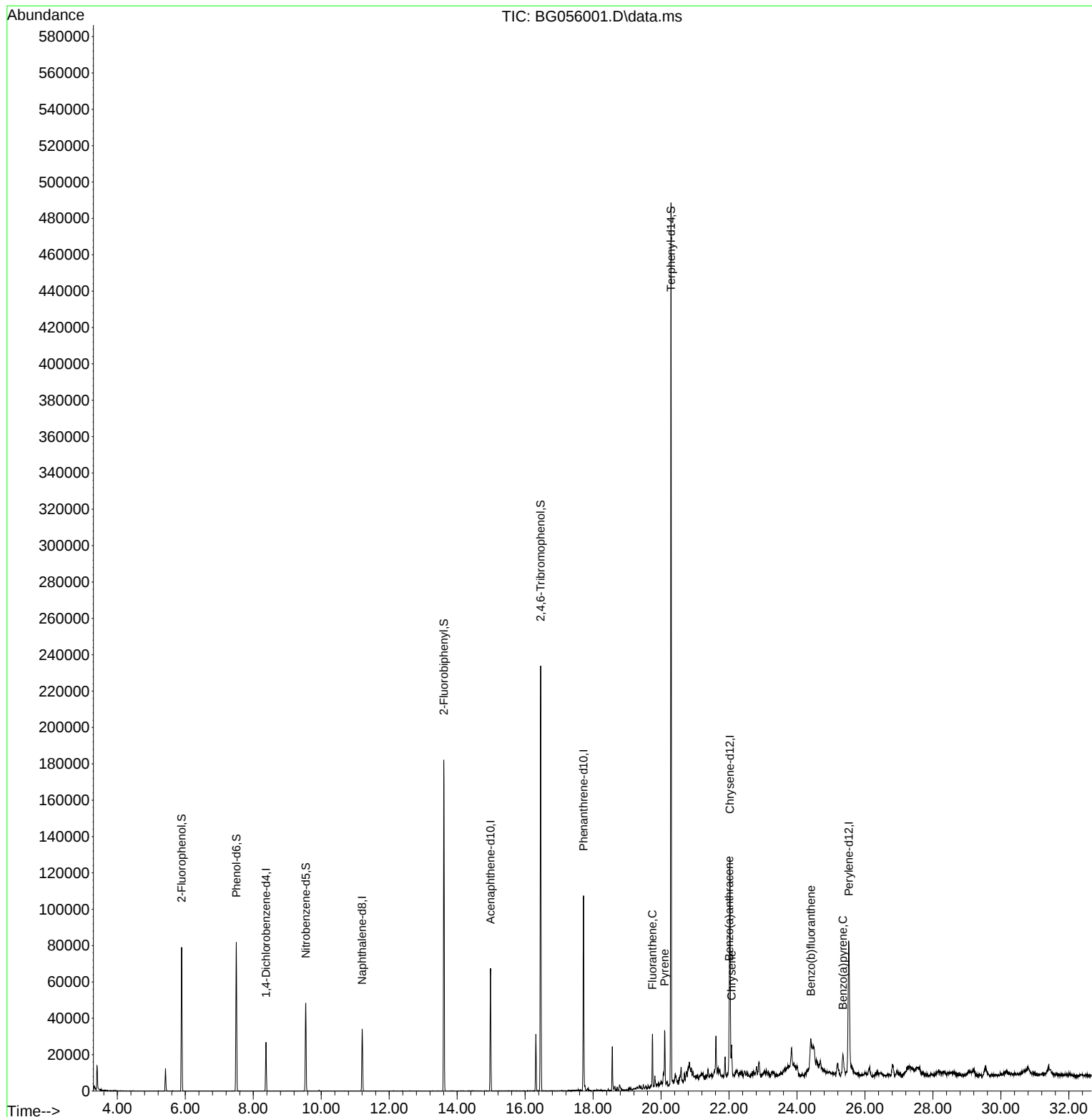
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056001.D
Acq On : 16 Dec 2022 19:52
Operator : CG/JU
Sample : N6038-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

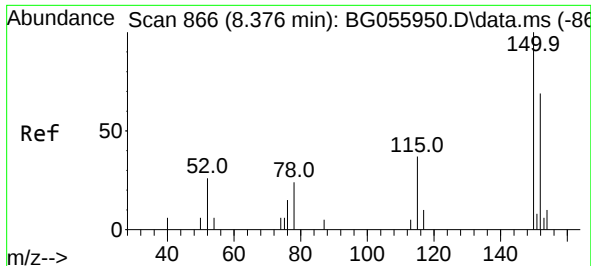
Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)

Quant Time: Dec 17 01:24:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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Supervised By :mohammad ahmed 12/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Instrument :

BNA_G

ClientSampleId :

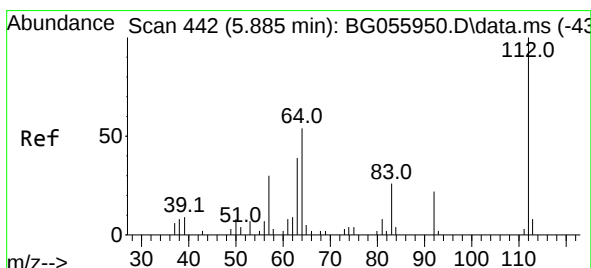
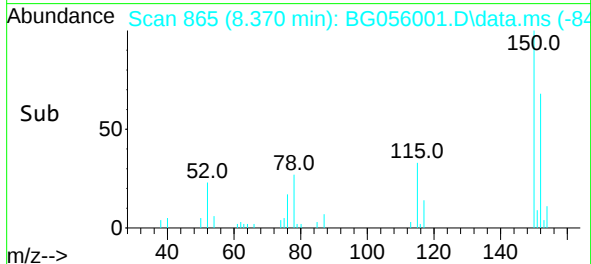
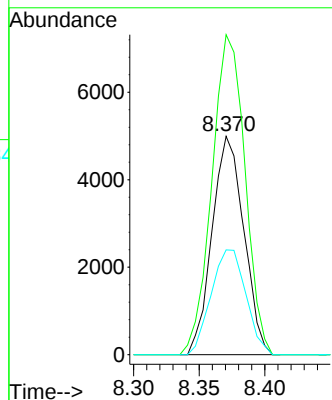
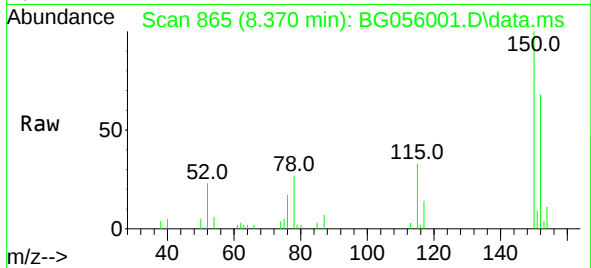
RB-40-(3-5)

Tgt Ion:152 Resp: 840
Ion Ratio Lower Upper
152 100
150 146.5 115.7 173.5
115 48.0 43.0 64.4

Manual Integrations

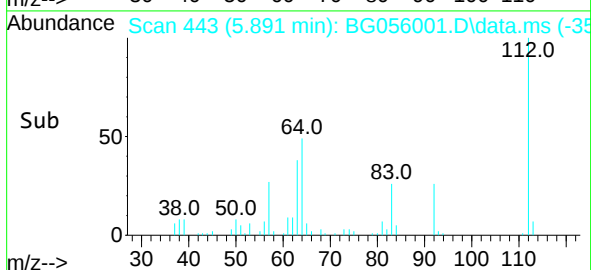
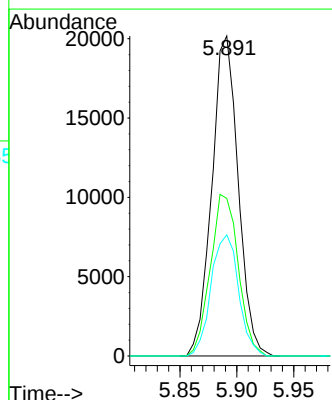
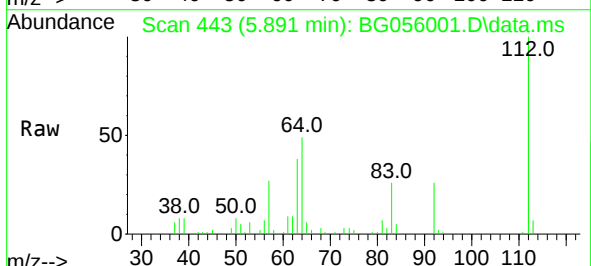
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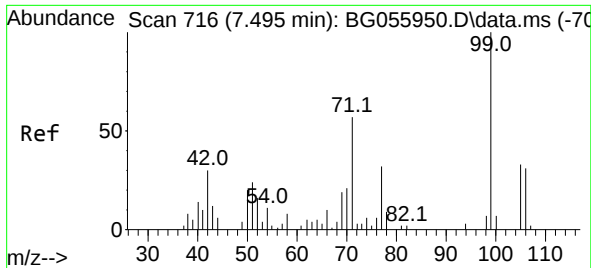
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#5
2-Fluorophenol
Concen: 90.633 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Tgt Ion:112 Resp: 32494
Ion Ratio Lower Upper
112 100
64 49.2 43.0 64.4
63 37.8 31.4 47.2





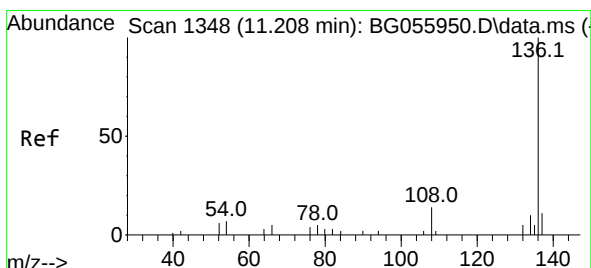
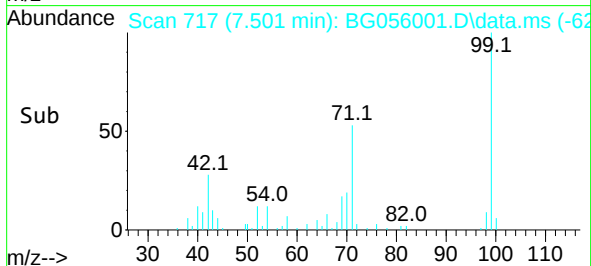
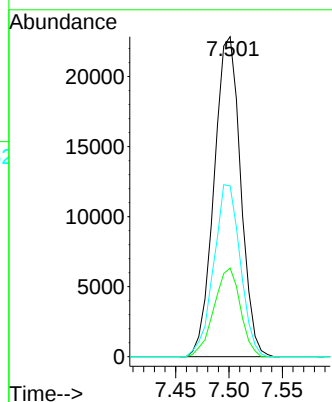
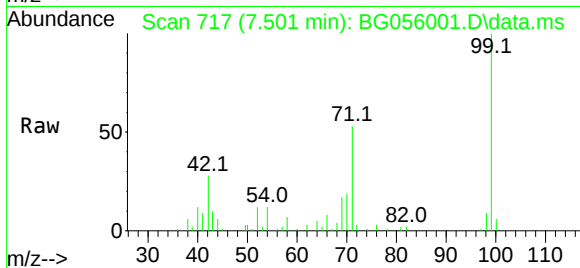
#7
Phenol-d6
Concen: 85.645 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)

Tgt Ion: 99 Resp: 39492
Ion Ratio Lower Upper
99 100
42 27.7 24.3 36.5
71 53.3 45.6 68.4

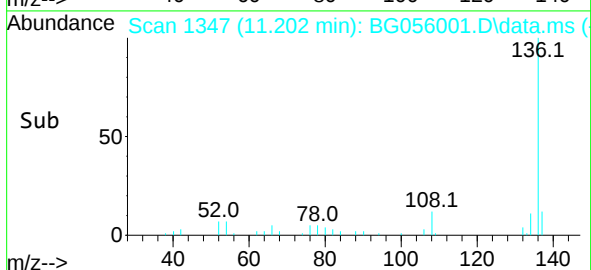
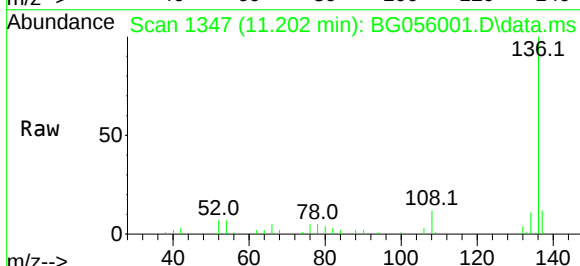
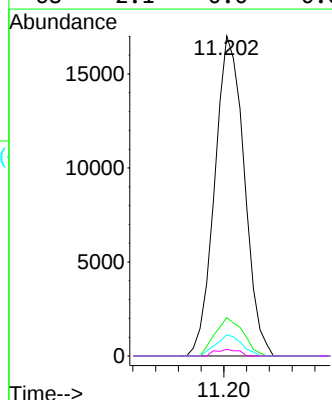
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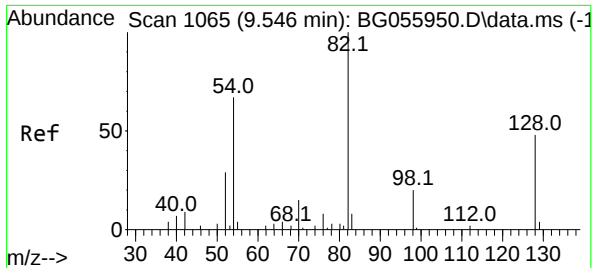
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Tgt Ion:136 Resp: 30647
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 6.6 5.6 8.4
68 2.1 0.0 0.0#





#23
Nitrobenzene-d5
Concen: 59.186 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Instrument :

BNA_G

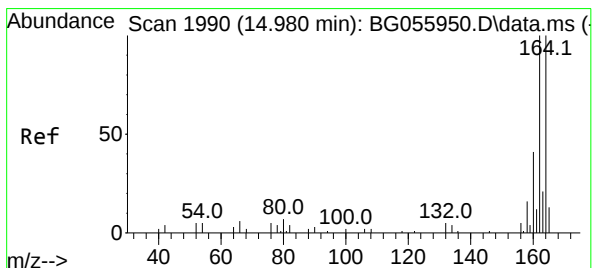
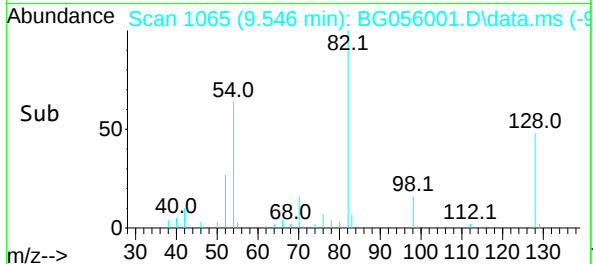
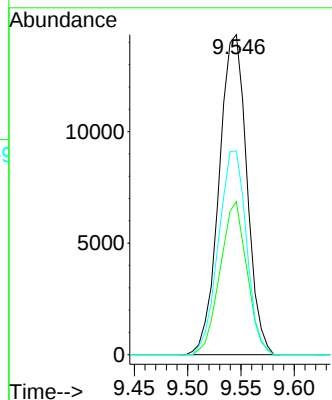
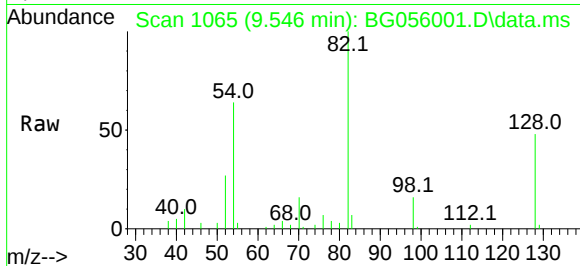
ClientSampleId :

RB-40-(3-5)

Tgt Ion: 82 Resp: 25950
Ion Ratio Lower Upper
82 100
128 47.8 38.4 57.6
54 63.7 53.3 79.9

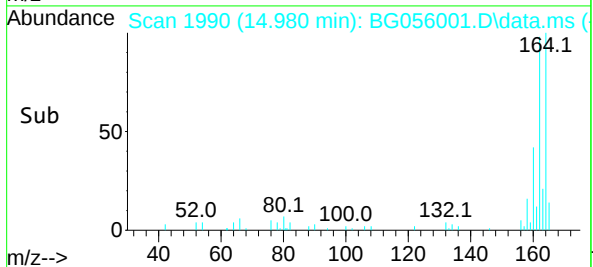
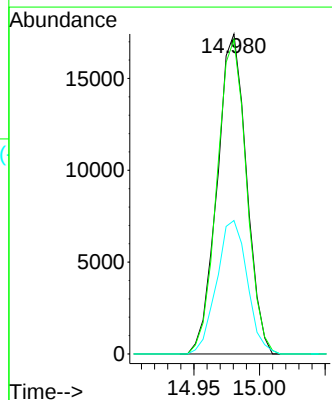
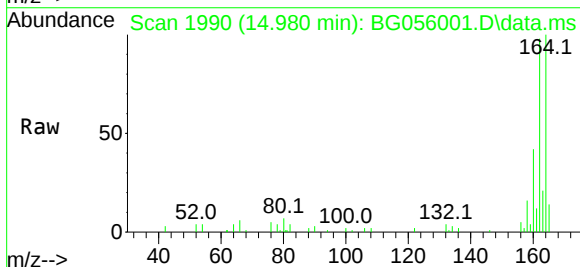
Manual Integrations
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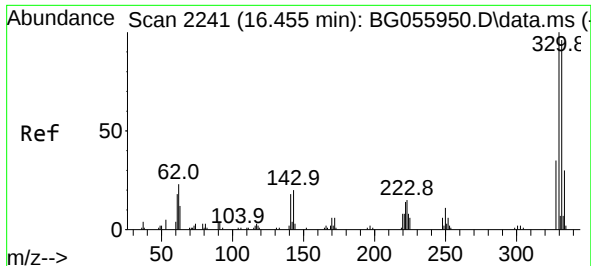
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

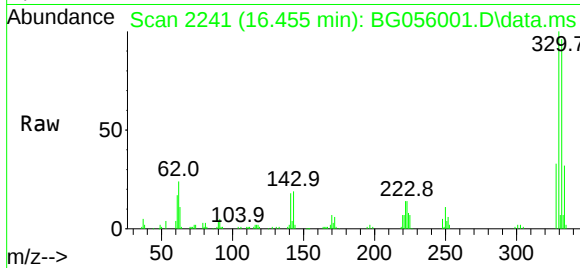
Tgt Ion:164 Resp: 27041
Ion Ratio Lower Upper
164 100
162 98.2 79.8 119.8
160 41.7 33.0 49.4





#42
2,4,6-Tribromophenol
Concen: 96.655 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

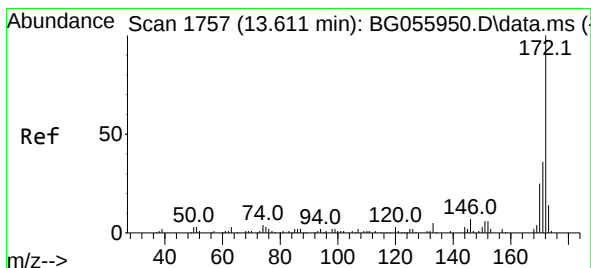
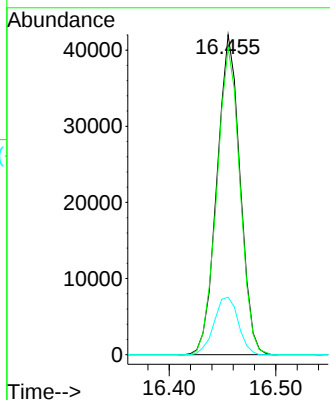
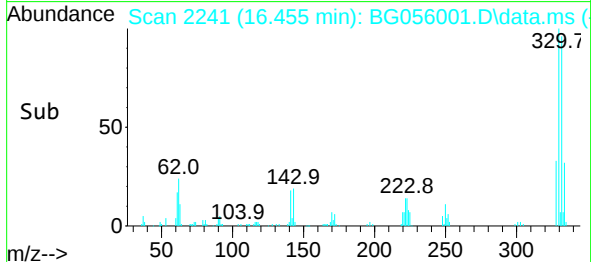
Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)



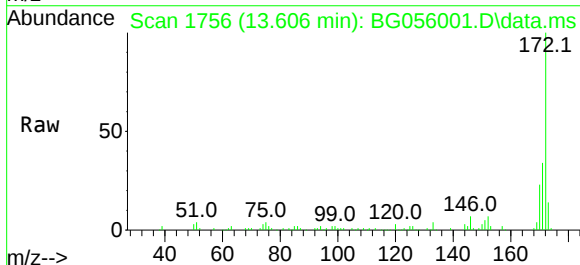
Tgt Ion:330 Resp: 6302
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 18.9 15.0 22.4

Manual Integrations
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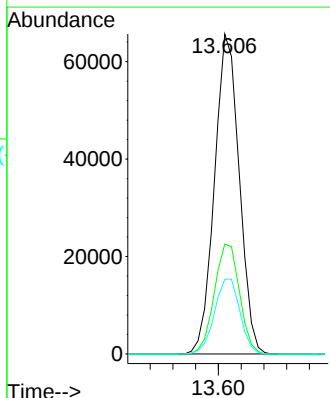
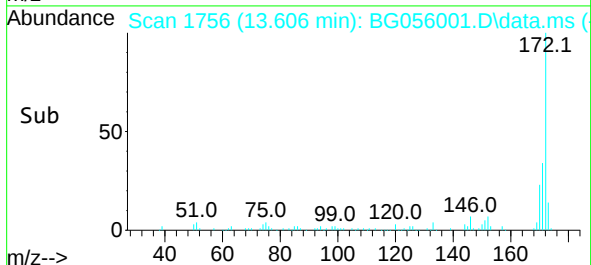
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

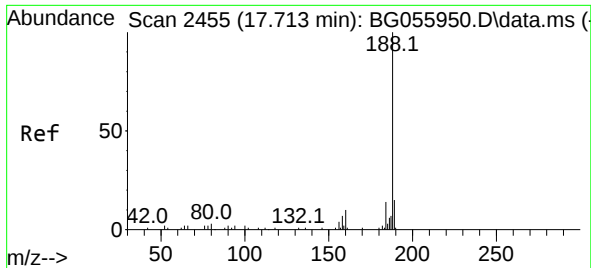


#45
2-Fluorobiphenyl
Concen: 51.398 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52



Tgt Ion:172 Resp: 99099
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.4 19.9 29.9





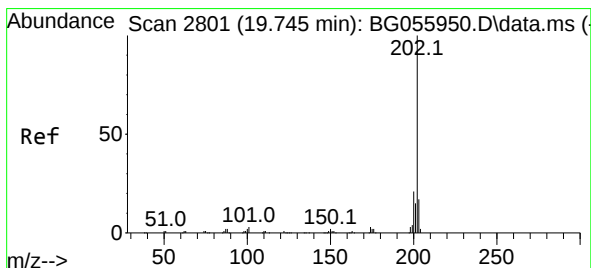
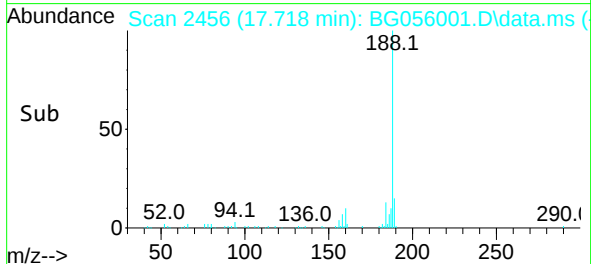
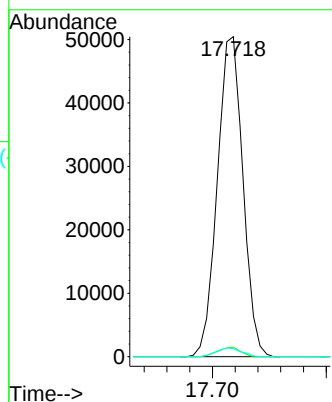
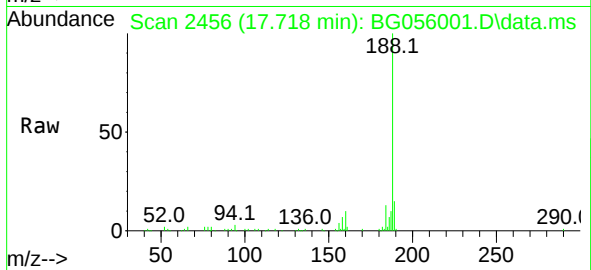
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)

Tgt Ion:188 Resp: 78798
Ion Ratio Lower Upper
188 100
94 3.0 1.8 2.8
80 2.5 2.4 3.6

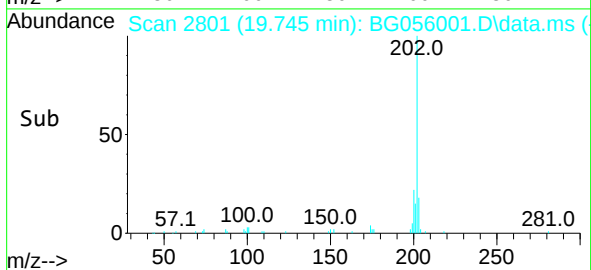
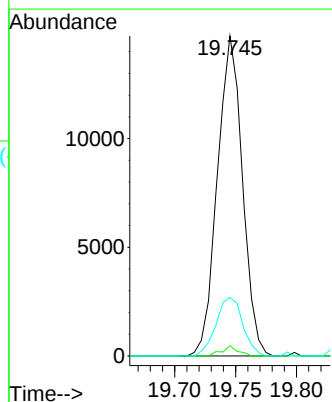
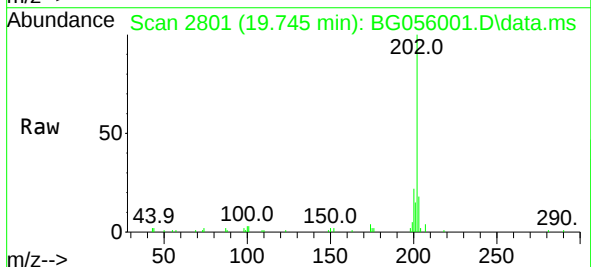
Manual Integrations
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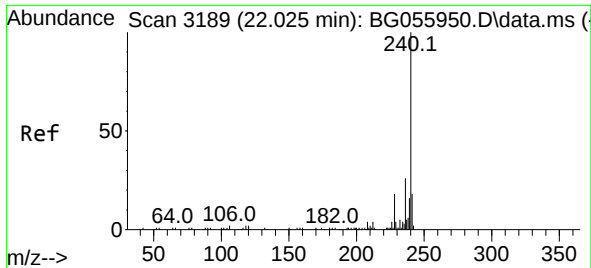
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#75
Fluoranthene
Concen: 3.644 ng
RT: 19.745 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

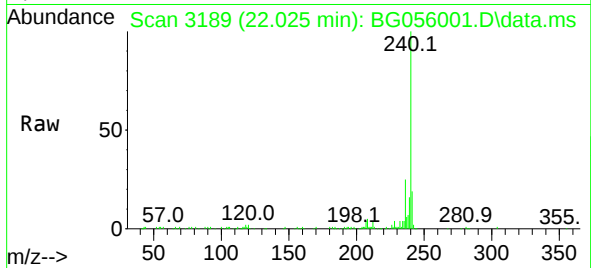
Tgt Ion:202 Resp: 21069
Ion Ratio Lower Upper
202 100
101 3.2 0.0 22.6
203 18.3 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

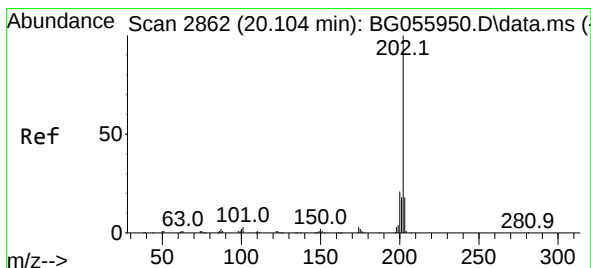
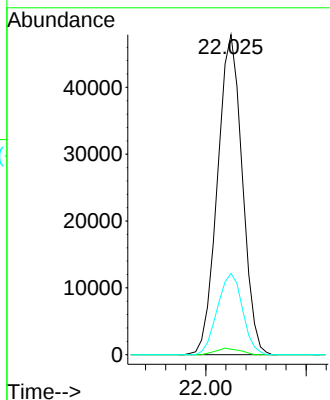
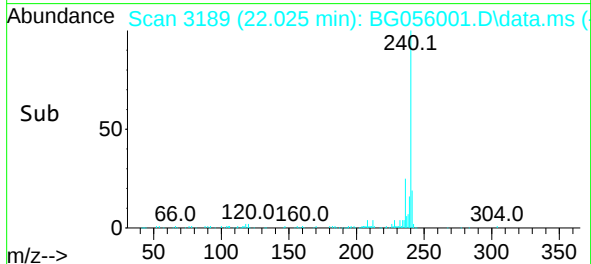
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RB-40-(3-5)



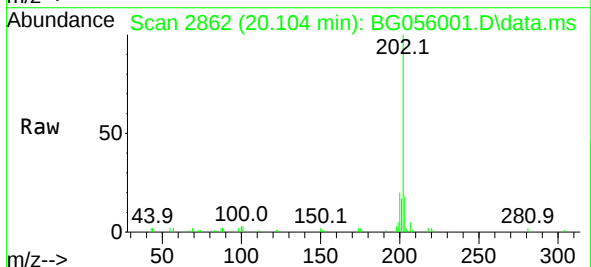
Tgt Ion:240 Resp: 81908
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.4 21.1 31.7

Manual Integrations
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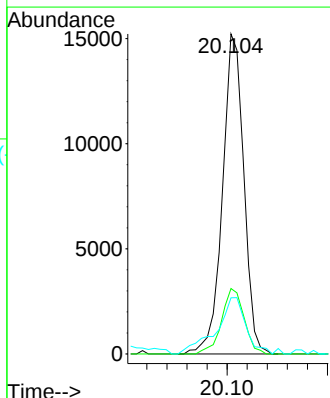
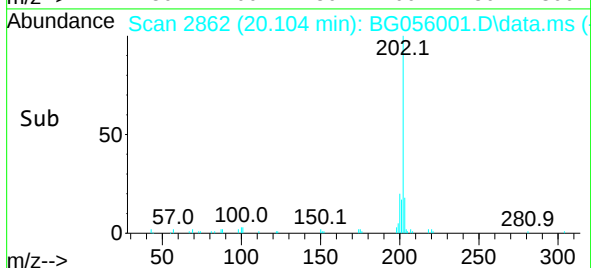
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

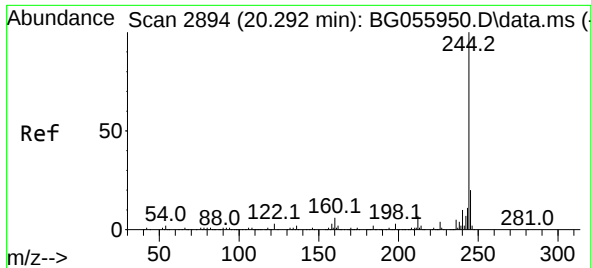


#78
Pyrene
Concen: 4.520 ng
RT: 20.104 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52



Tgt Ion:202 Resp: 22403
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.6 14.6 21.8





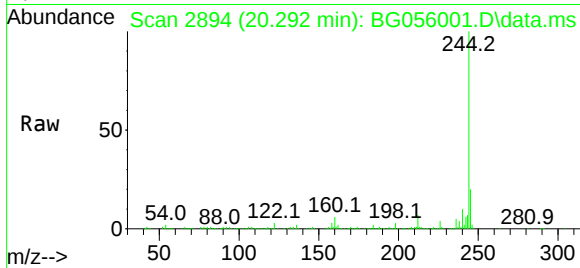
#79
 Terphenyl-d14
 Concen: 55.625 ng
 RT: 20.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056001.D
 Acq: 16 Dec 2022 19:52

Instrument :

BNA_G

ClientSampleId :

RB-40-(3-5)

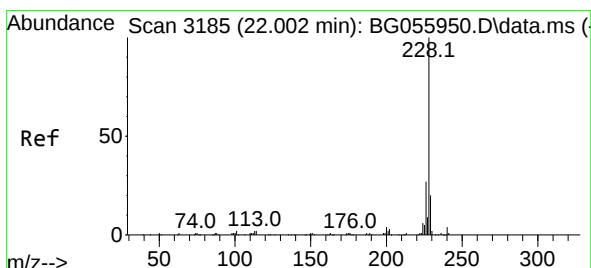
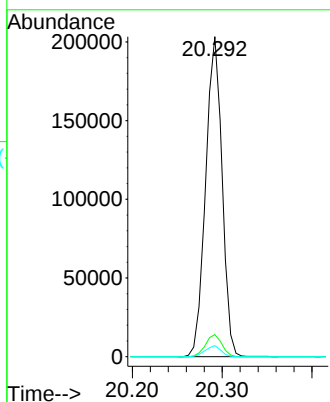
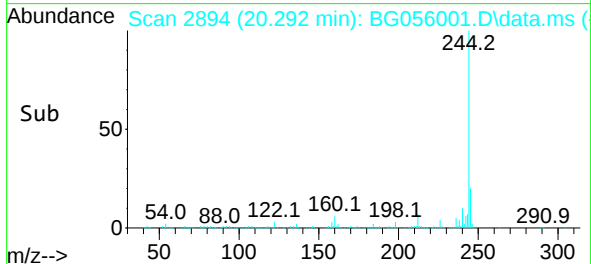


Tgt Ion:244 Resp: 25778
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.5 2.5 3.7

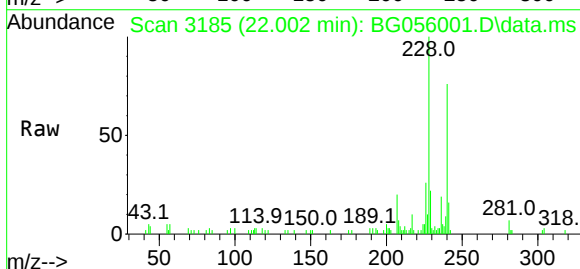
Manual Integrations

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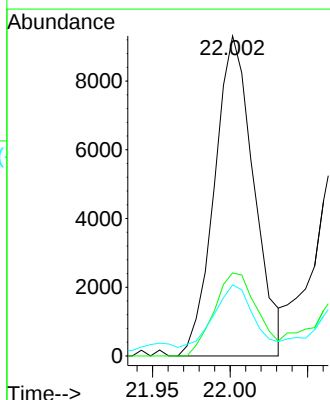
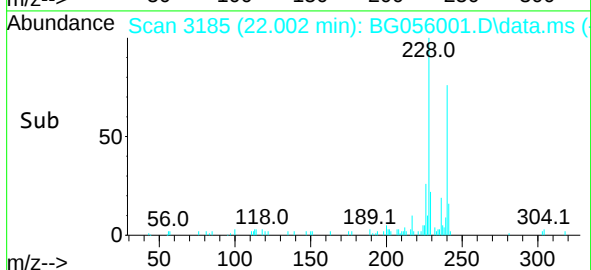
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

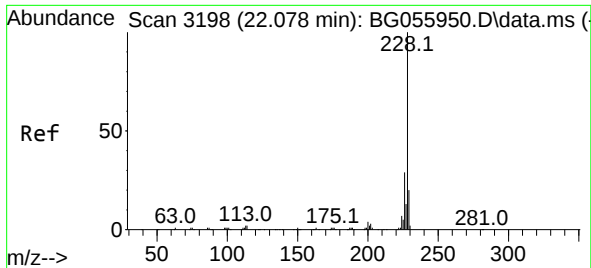


#81
 Benzo(a)anthracene
 Concen: 2.855 ng
 RT: 22.002 min Scan# 3185
 Delta R.T. -0.006 min
 Lab File: BG056001.D
 Acq: 16 Dec 2022 19:52



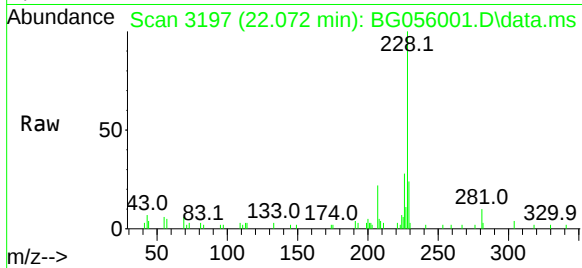
Tgt Ion:228 Resp: 16455
 Ion Ratio Lower Upper
 228 100
 226 26.0 21.8 32.6
 229 22.2 15.9 23.9





#83
Chrysene
Concen: 2.590 ng m
RT: 22.072 min Scan# 3198
Delta R.T. -0.012 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

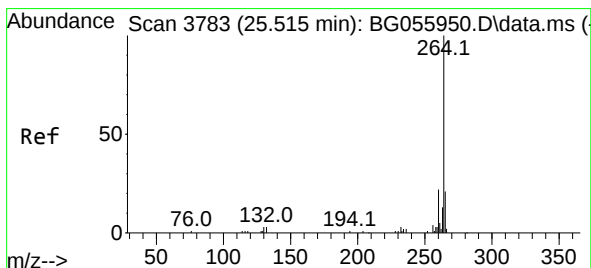
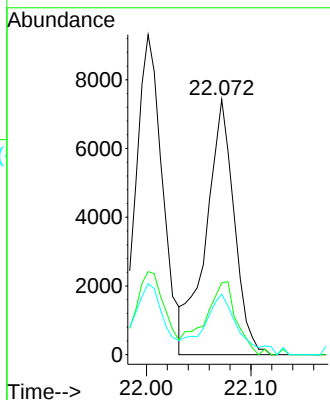
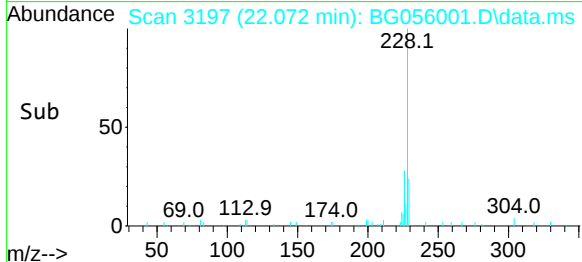
Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)



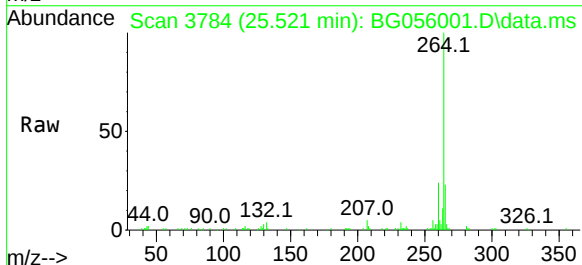
Tgt Ion:228 Resp: 13989
Ion Ratio Lower Upper
228 100
226 28.2 23.1 34.7
229 23.7 15.7 23.5

Manual Integrations
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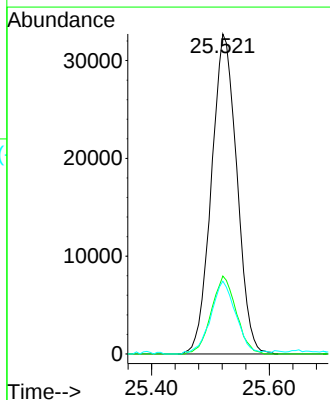
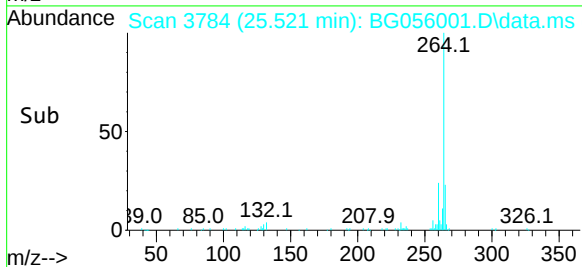
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

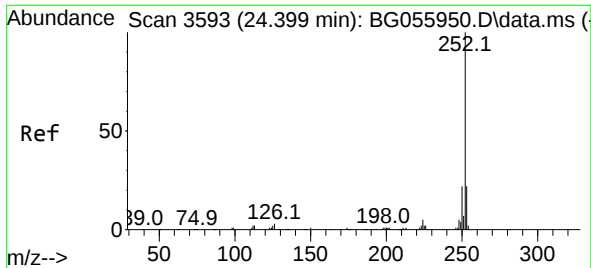


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.521 min Scan# 3784
Delta R.T. -0.012 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52



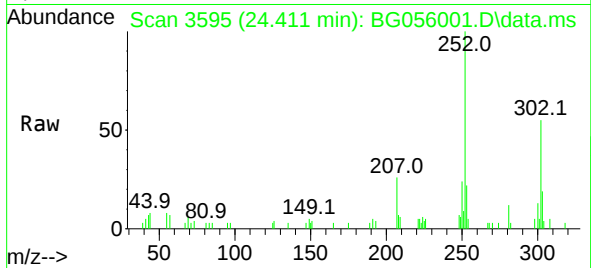
Tgt Ion:264 Resp: 98010
Ion Ratio Lower Upper
264 100
260 24.3 17.8 26.8
265 22.7 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 3.353 ng
RT: 24.411 min Scan# 3595
Delta R.T. -0.006 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52

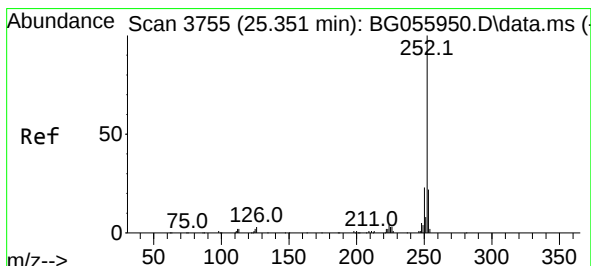
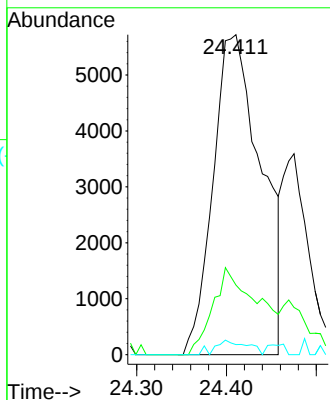
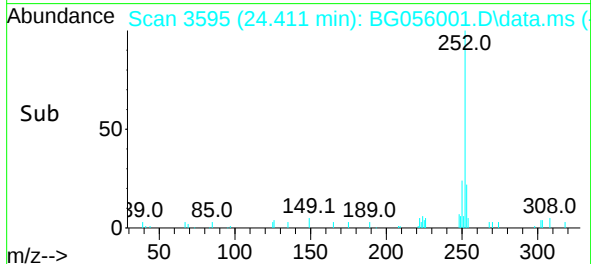
Instrument :
BNA_G
ClientSampleId :
RB-40-(3-5)



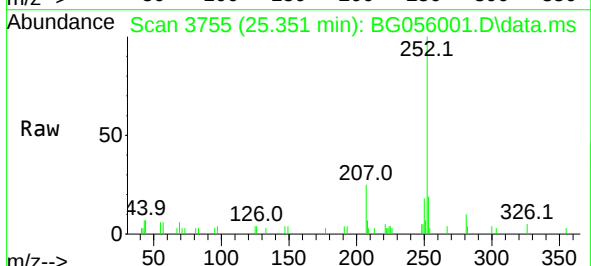
Tgt Ion:252 Resp: 21270
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 3.1 1.8 2.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#90
Benzo(a)pyrene
Concen: 3.044 ng
RT: 25.351 min Scan# 3755
Delta R.T. -0.023 min
Lab File: BG056001.D
Acq: 16 Dec 2022 19:52



Tgt Ion:252 Resp: 16321
Ion Ratio Lower Upper
252 100
253 19.1 17.7 26.5
125 4.4 1.9 2.9

