

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052098.D
 Acq On : 20 Jan 2022 18:09
 Operator : CG/JU
 Sample : N1199-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0F12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :Yogesh Patel 01/23/2022

Quant Time: Jan 21 02:21:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.245	152	24520	20.000	ng/u1	0.00
20) Naphthalene-d8	11.083	136	103932	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.889	164	72490	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	160287	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.950	240	160906	20.000	ng/u1	# 0.00
88) Perylene-d12	25.440	264	165381	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.575	96	2979m	4.341	ng/uL	0.00
4) Pyridine-d5	4.004	84	23263m	10.906	ng/u1	0.00
7) Phenol-d5	7.388	99	19689	8.204	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.546	67	48928	32.117	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.770	132	45773	28.808	ng/u1	0.00
15) 4-Methylphenol-d8	8.944	113	35500	19.029	ng/u1	0.00
21) Nitrobenzene-d5	9.414	128	32011	38.979	ng/u1	0.00
24) 2-Nitrophenol-d4	10.143	143	33962	37.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	63587	35.817	ng/u1	0.00
31) 4-Chloroaniline-d4	11.206	131	61408	24.837	ng/u1	0.00
46) Dimethylphthalate-d6	14.278	166	223632	37.323	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	285561	39.454	ng/u1	0.00
54) 4-Nitrophenol-d4	15.071	143	8597	8.582	ng/u1	0.00
60) Fluorene-d10	15.876	176	200857	38.448	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	70957	70.173	ng/u1	0.00
73) Anthracene-d10	17.738	188	321211	42.244	ng/u1	0.00
81) Pyrene-d10	20.012	212	375779	40.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.199	264	365605	41.993	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.411	94	2813m	1.148	ng/u1	
30) Naphthalene	11.136	128	142898	25.373	ng/u1	97
36) 2-Methylnaphthalene	12.728	142	12452	3.104	ng/u1	97
37) 1-Methylnaphthalene	12.945	142	380828	92.498	ng/u1	96
42) 2,4,5-Trichlorophenol	13.403	196	12429	7.277	ng/u1	93
43) 1,1'-Biphenyl	13.720	154	82994	14.830	ng/u1#	97
50) Acenaphthylene	14.607	152	12889	1.808	ng/u1#	47
52) Acenaphthene	14.954	153	47544	10.033	ng/u1	97
56) Dibenzofuran	15.283	168	33900	4.926	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.506	232	29546	18.650	ng/u1	91
61) Fluorene	15.929	166	63868	11.136	ng/u1	100
71) Pentachlorophenol	17.310	266	1641722	1412.570	ng/u1	96
72) Phenanthrene	17.686	178	176557	21.022	ng/u1	98
74) Anthracene	17.774	178	18831	2.240	ng/u1	93
80) Fluoranthene	19.683	202	19947	1.864	ng/u1#	91
82) Pyrene	20.041	202	28163	2.673	ng/u1#	93

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

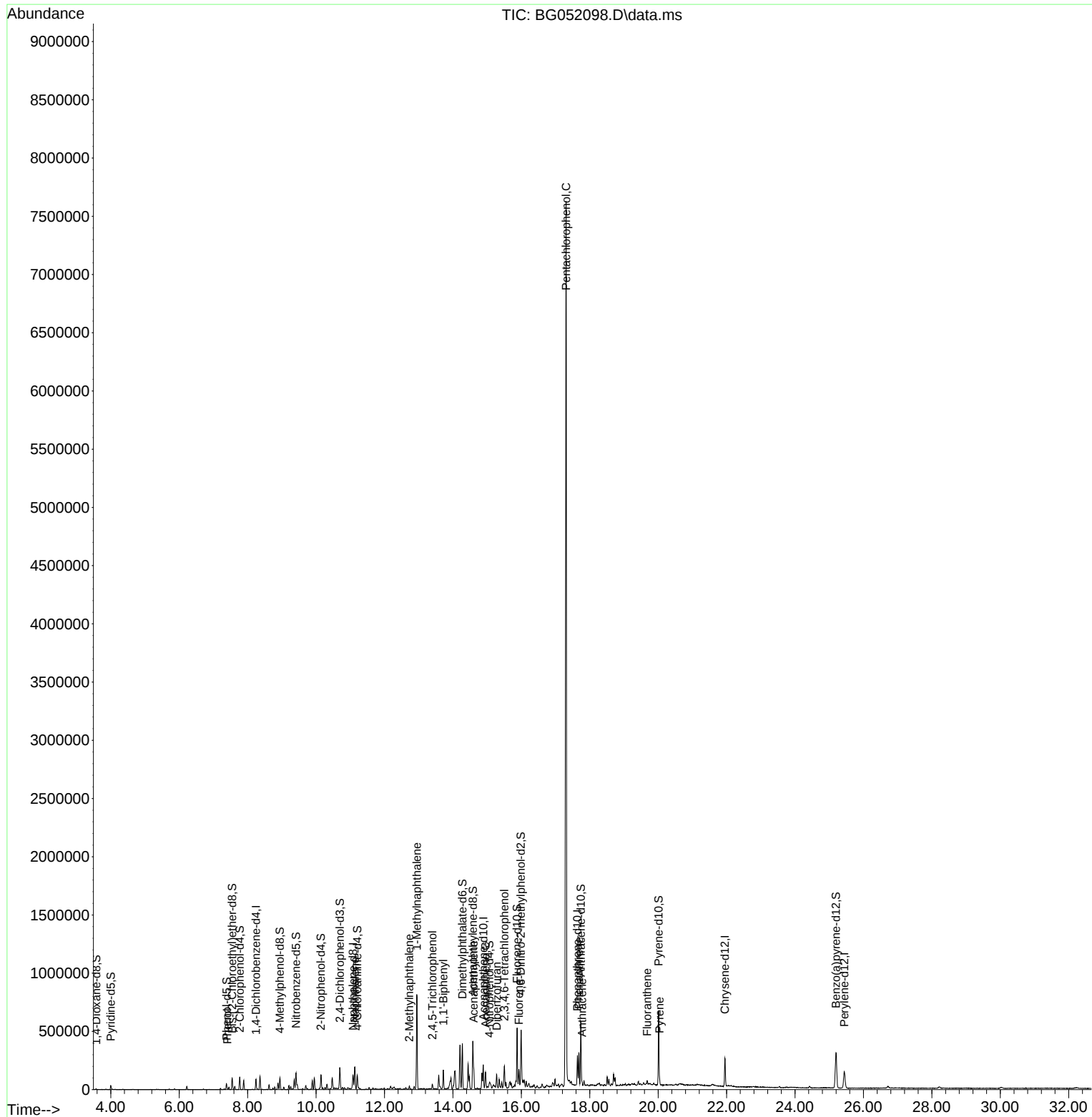
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052098.D
Acq On : 20 Jan 2022 18:09
Operator : CG/JU
Sample : N1199-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

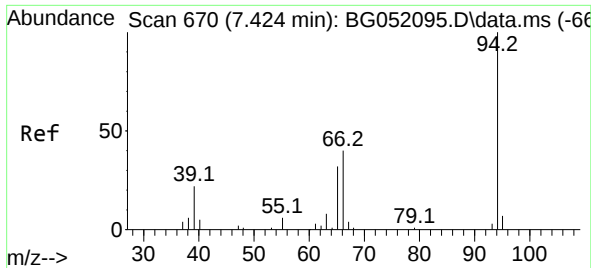
Instrument :
BNA_G
ClientSampleId :
C0F12

Quant Time: Jan 21 02:21:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022





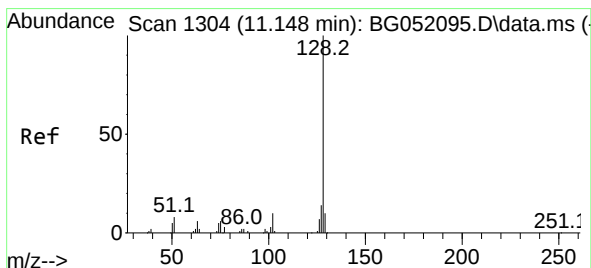
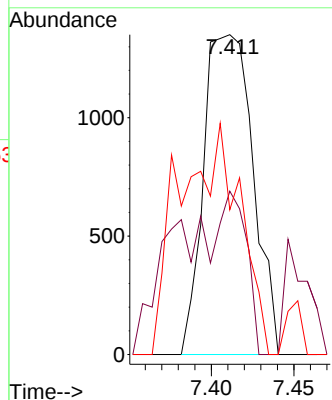
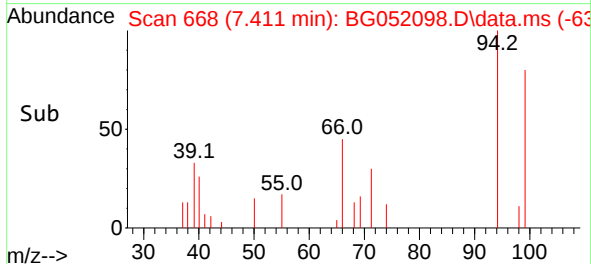
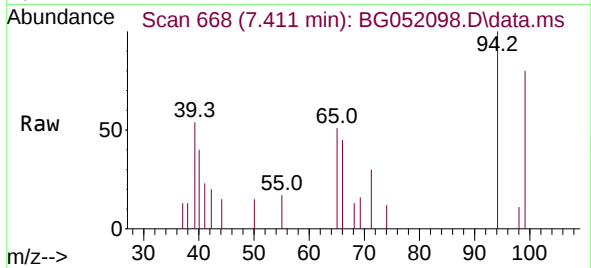
#8
Phenol
Concen: 1.148 ng/ul m
RT: 7.411 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

Instrument :
BNA_G
ClientSampleId :
C0F12

Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
65 51.1 25.1 37.7
66 45.3 31.6 47.4

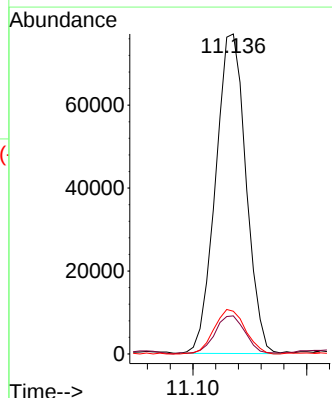
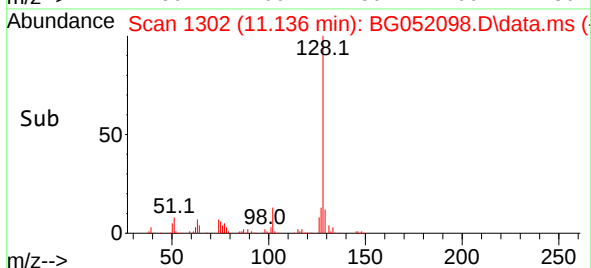
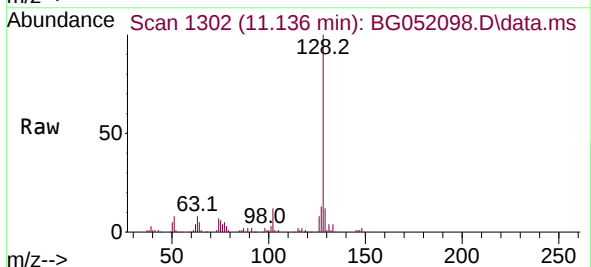
Manual Integrations
APPROVED

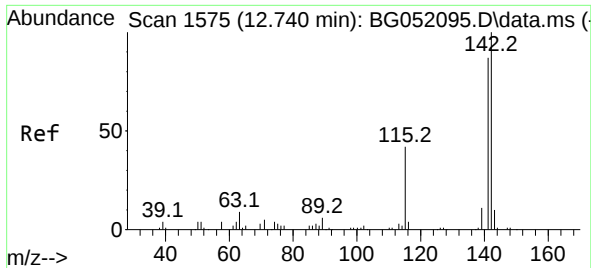
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#30
Naphthalene
Concen: 25.373 ng/ul
RT: 11.136 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

Tgt Ion:128 Resp: 142898
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 13.3 11.8 17.6





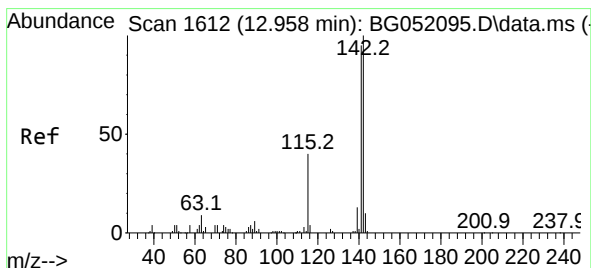
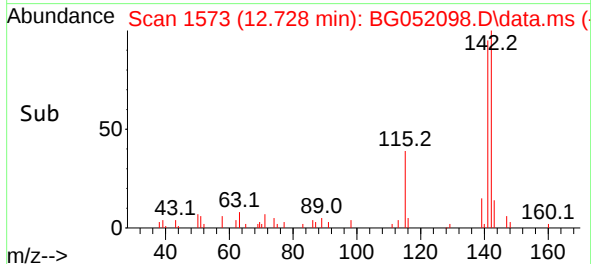
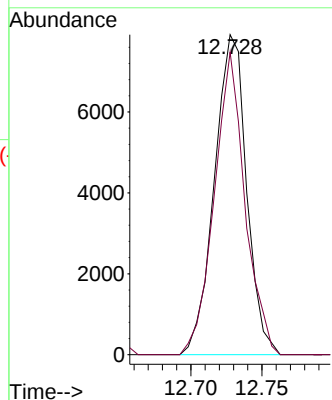
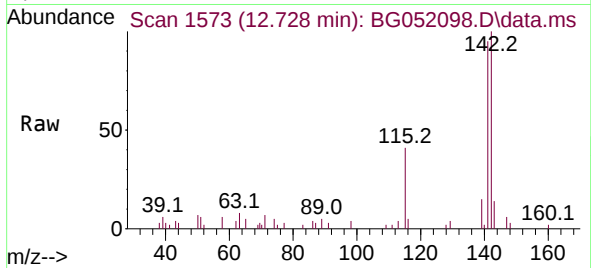
#36
2-Methylnaphthalene
Concen: 3.104 ng/ul
RT: 12.728 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

Instrument :
BNA_G
ClientSampleId :
C0F12

Tgt Ion:142 Resp: 1245
Ion Ratio Lower Upper
142 100
141 94.5 73.3 109.9

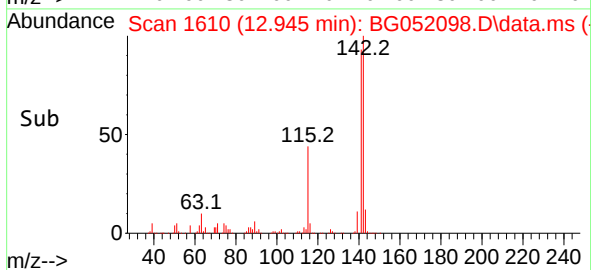
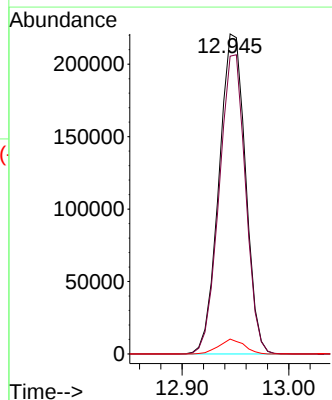
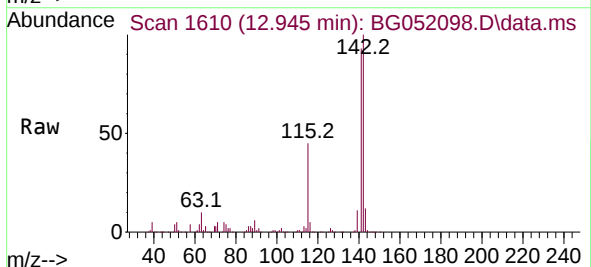
Manual Integrations
APPROVED

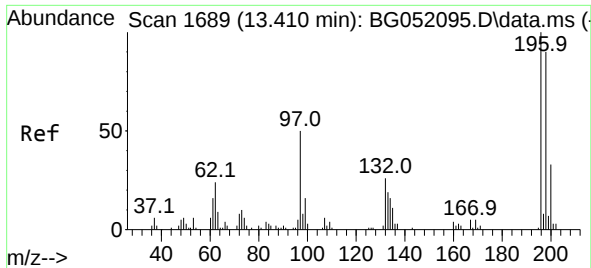
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#37
1-Methylnaphthalene
Concen: 92.498 ng/ul
RT: 12.945 min Scan# 1610
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

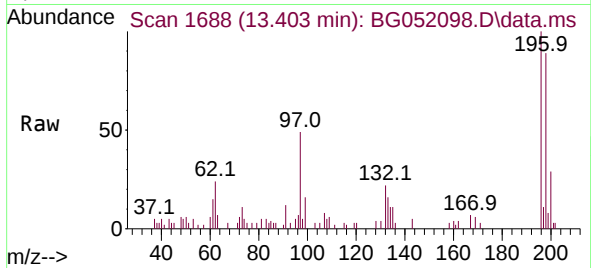
Tgt Ion:142 Resp: 380828
Ion Ratio Lower Upper
142 100
141 93.1 77.8 116.8
116 4.6 3.3 4.9





#42
2,4,5-Trichlorophenol
Concen: 7.277 ng/ul
RT: 13.403 min Scan# 1688
Delta R.T. 0.004 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

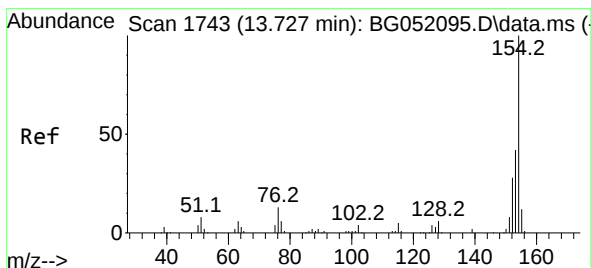
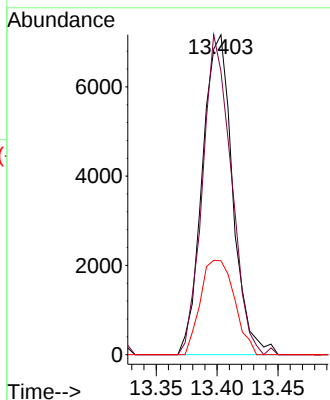
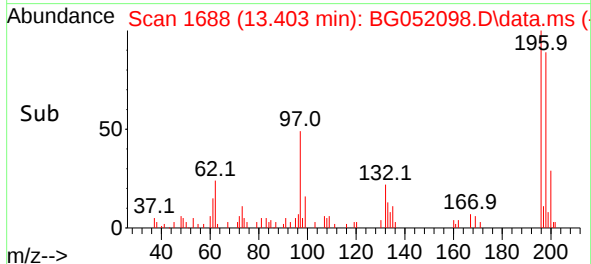
Instrument :
BNA_G
ClientSampleId :
COF12



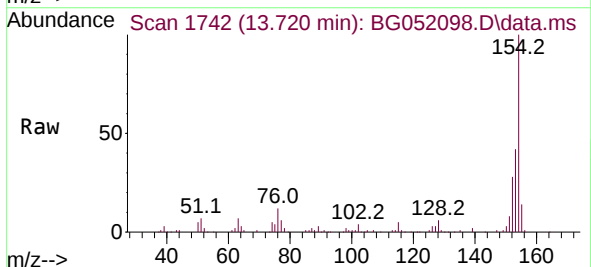
Tgt Ion:196 Resp: 12429
Ion Ratio Lower Upper
196 100
198 88.6 77.0 115.4
200 29.3 25.4 38.2

Manual Integrations
APPROVED

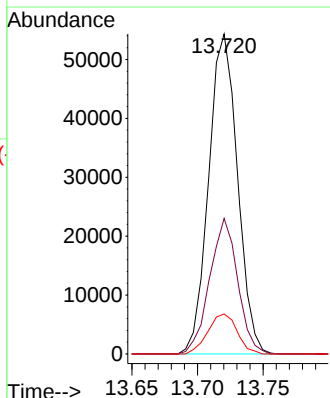
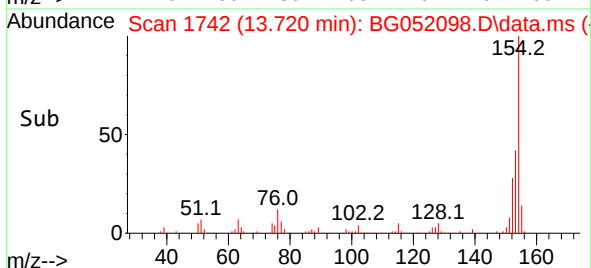
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

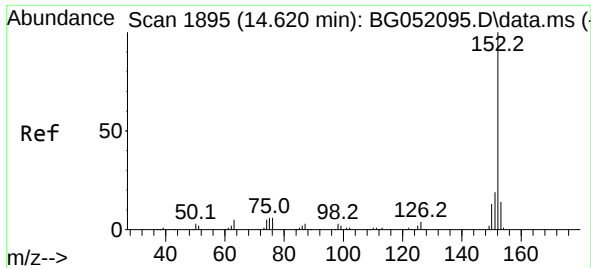


#43
1,1'-Biphenyl
Concen: 14.830 ng/ul
RT: 13.720 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09



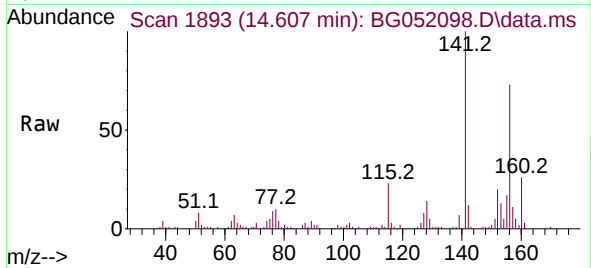
Tgt Ion:154 Resp: 82994
Ion Ratio Lower Upper
154 100
153 42.4 34.5 51.7
76 12.5 13.1 19.7#





#50
Acenaphthylene
Concen: 1.808 ng/ul
RT: 14.607 min Scan# 1893
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

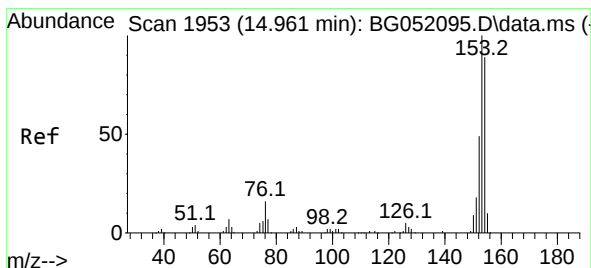
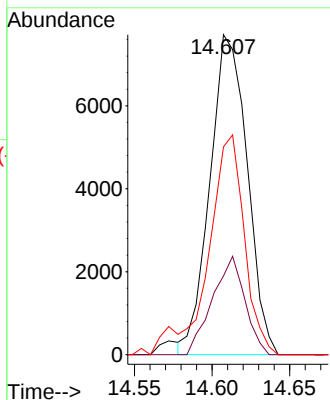
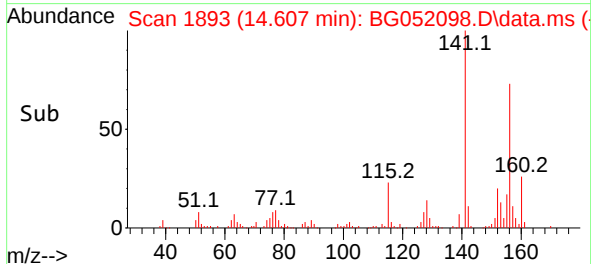
Instrument :
BNA_G
ClientSampleId :
C0F12



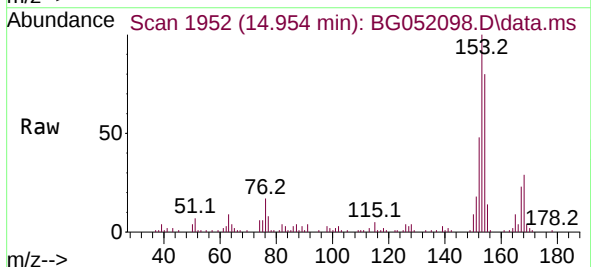
Tgt Ion:152 Resp: 12889
Ion Ratio Lower Upper
152 100
151 24.6 17.4 26.0
153 65.0 10.3 15.5

Manual Integrations
APPROVED

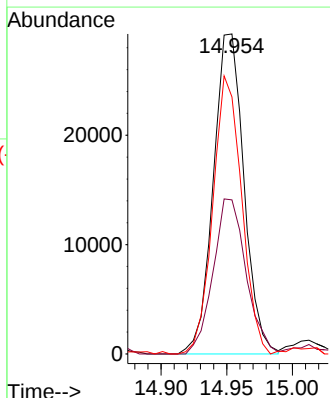
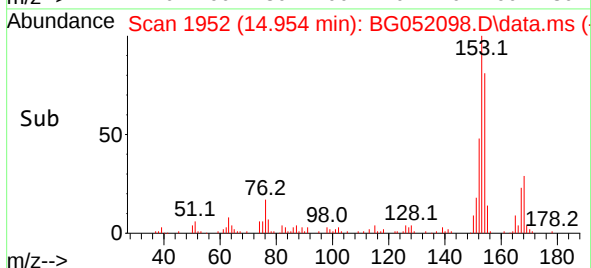
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

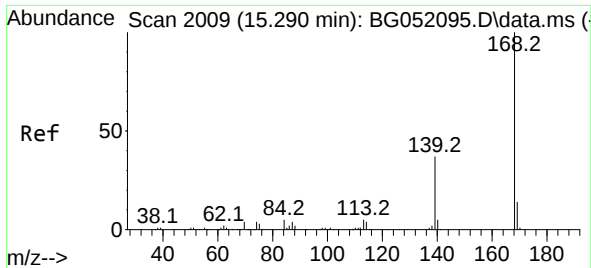


#52
Acenaphthene
Concen: 10.033 ng/ul
RT: 14.954 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09



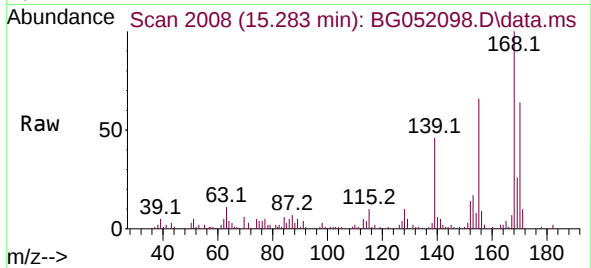
Tgt Ion:153 Resp: 47544
Ion Ratio Lower Upper
153 100
152 48.2 36.5 54.7
154 80.3 65.8 98.6





#56
Dibenzofuran
Concen: 4.926 ng/ul
RT: 15.283 min Scan# 2008
Delta R.T. -0.002 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

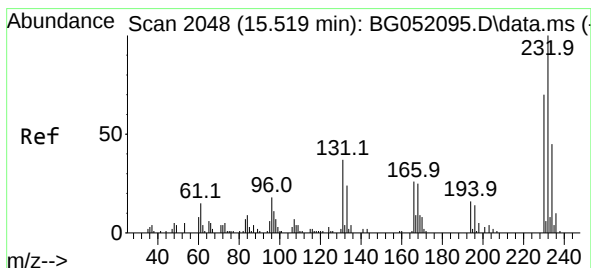
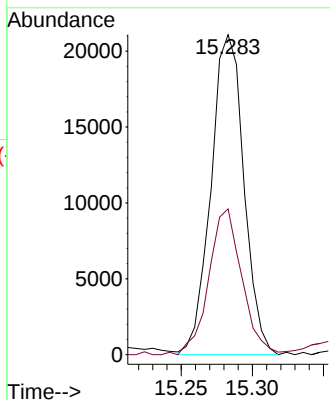
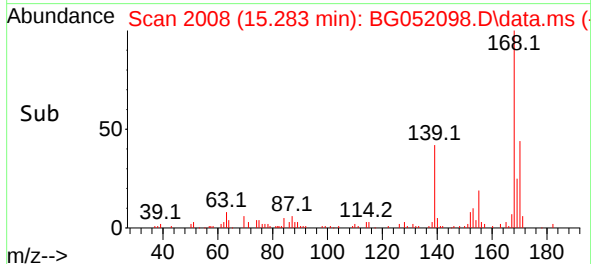
Instrument :
BNA_G
ClientSampleId :
C0F12



Tgt Ion:168 Resp: 33900
Ion Ratio Lower Upper
168 100
139 45.5 31.2 46.8

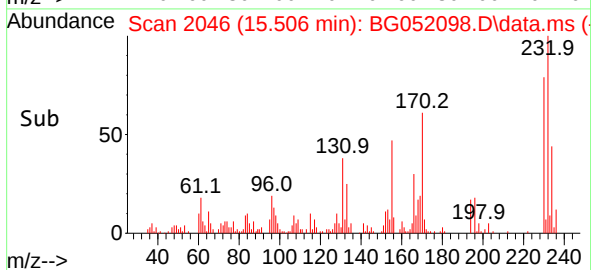
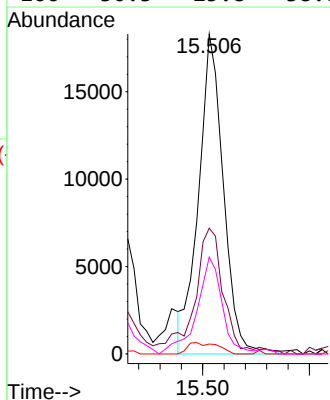
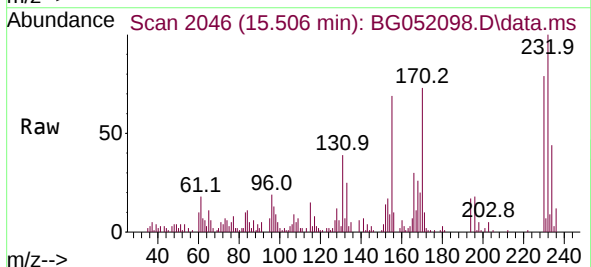
Manual Integrations
APPROVED

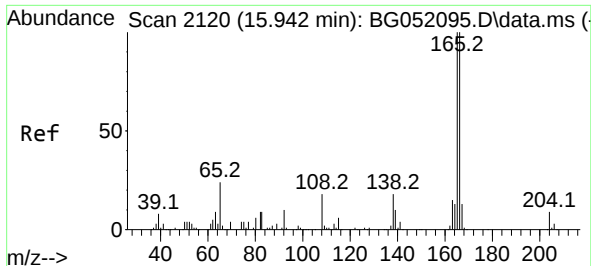
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.650 ng/ul
RT: 15.506 min Scan# 2046
Delta R.T. -0.002 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

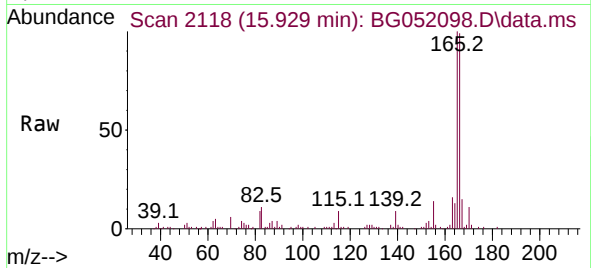
Tgt Ion:232 Resp: 29546
Ion Ratio Lower Upper
232 100
131 39.3 38.9 58.3
130 3.1 2.4 3.6
166 30.3 25.8 38.8





#61
Fluorene
Concen: 11.136 ng/ul
RT: 15.929 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

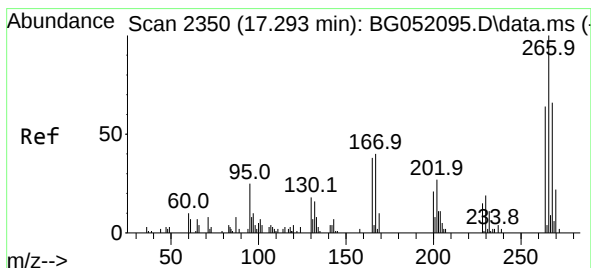
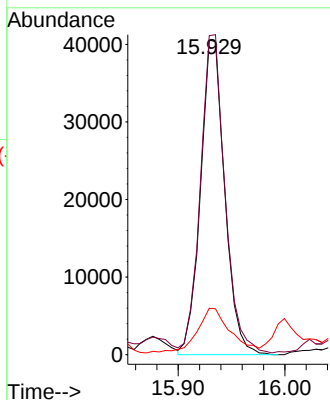
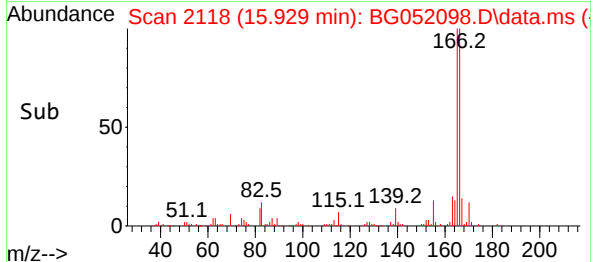
Instrument :
BNA_G
ClientSampleId :
C0F12



Tgt Ion:166 Resp: 6386
Ion Ratio Lower Upper
166 100
165 101.5 81.0 121.6
167 14.8 11.0 16.4

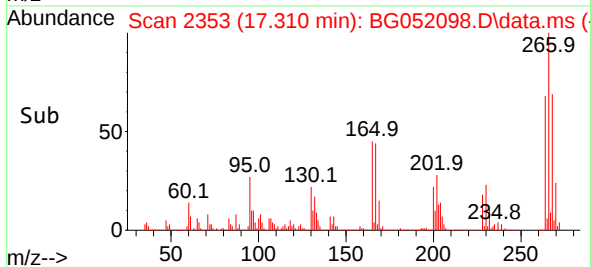
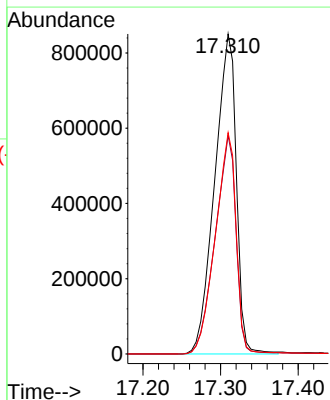
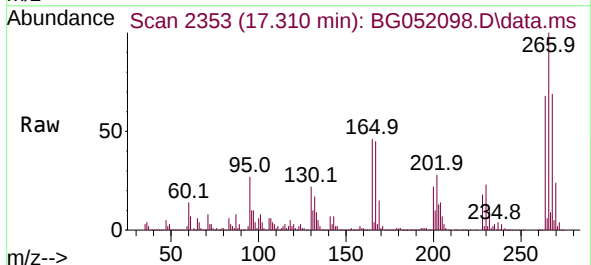
Manual Integrations
APPROVED

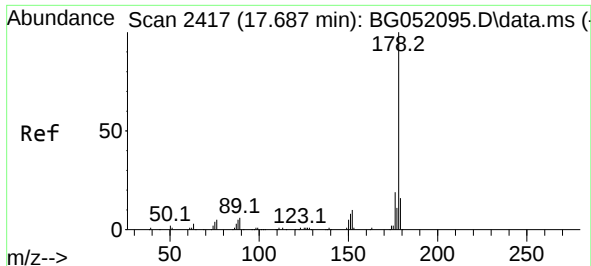
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#71
Pentachlorophenol
Concen: 1412.570 ng/ul
RT: 17.310 min Scan# 2353
Delta R.T. 0.022 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

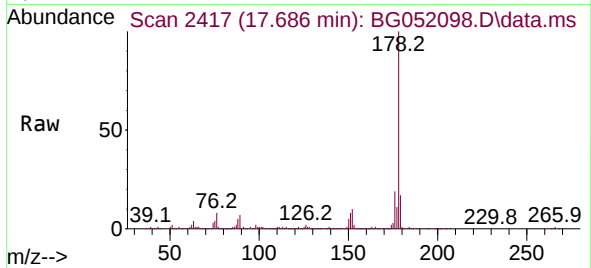
Tgt Ion:266 Resp: 1641722
Ion Ratio Lower Upper
266 100
264 68.3 54.3 81.5
268 69.2 51.0 76.6





#72
Phenanthrene
Concen: 21.022 ng/ul
RT: 17.686 min Scan# 2417
Delta R.T. 0.004 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

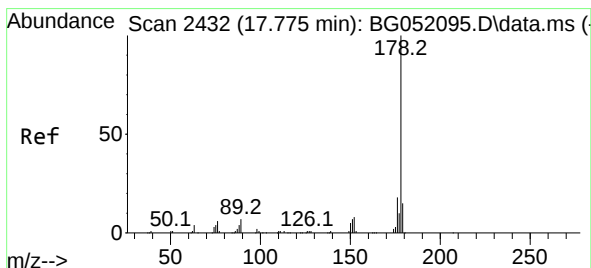
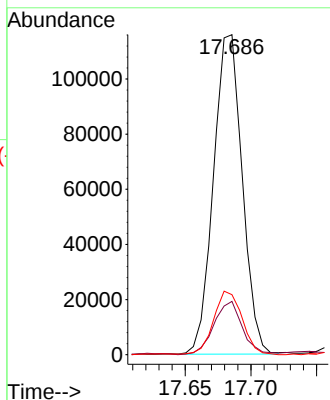
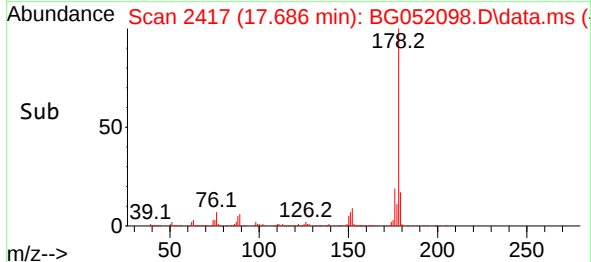
Instrument :
BNA_G
ClientSampleId :
C0F12



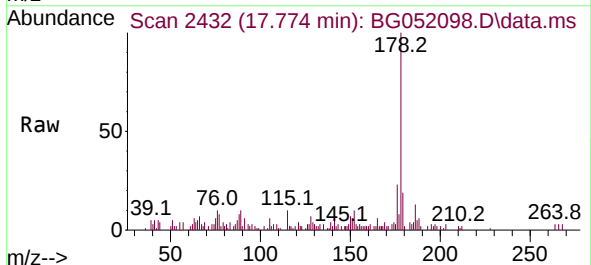
Tgt Ion:178 Resp: 17655
Ion Ratio Lower Upper
178 100
179 16.6 12.3 18.5
176 18.7 15.5 23.3

Manual Integrations
APPROVED

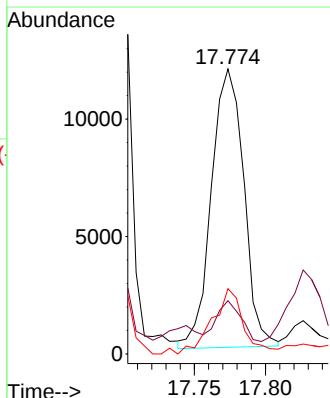
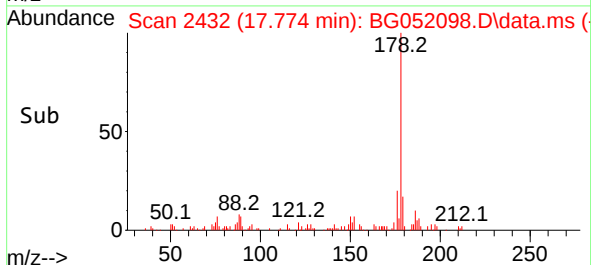
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022

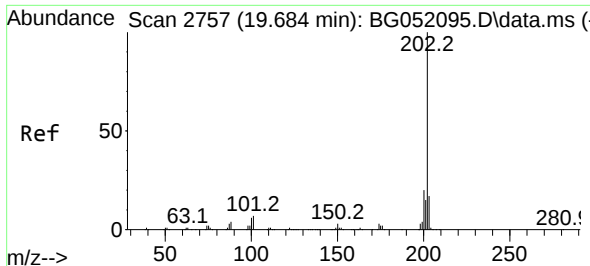


#74
Anthracene
Concen: 2.240 ng/ul
RT: 17.774 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09



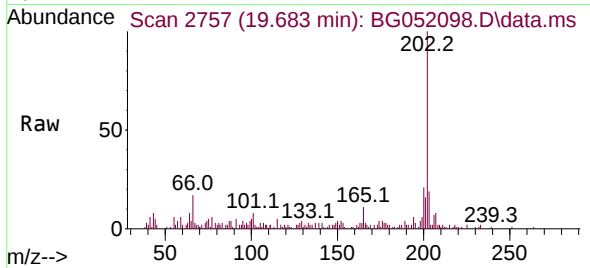
Tgt Ion:178 Resp: 18831
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 22.9 15.6 23.4





#80
Fluoranthene
Concen: 1.864 ng/ul
RT: 19.683 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09

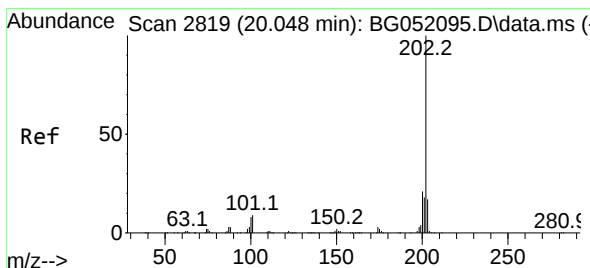
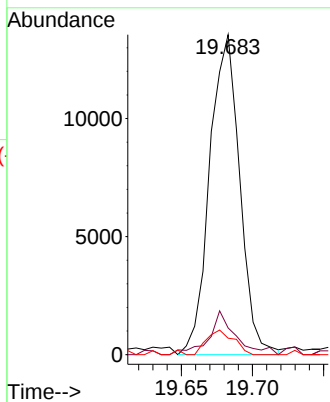
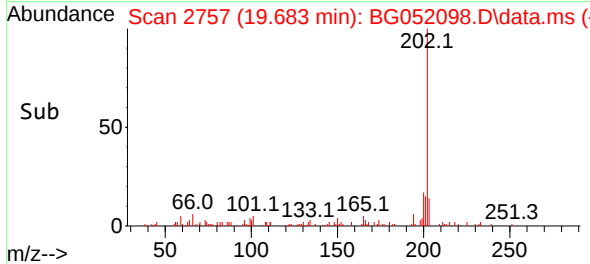
Instrument :
BNA_G
ClientSampleId :
C0F12



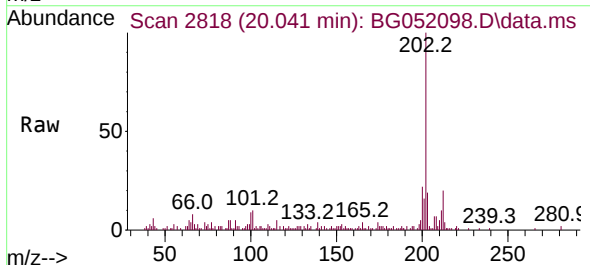
Tgt Ion:202 Resp: 1994
Ion Ratio Lower Upper
202 100
101 8.4 9.3 13.9
100 5.1 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022



#82
Pyrene
Concen: 2.673 ng/ul
RT: 20.041 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG052098.D
Acq: 20 Jan 2022 18:09



Tgt Ion:202 Resp: 28163
Ion Ratio Lower Upper
202 100
101 10.0 10.7 16.1#
100 9.1 9.0 13.6

