

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056400.D
 Acq On : 24 Jan 2023 12:47
 Operator : CG/JU
 Sample : 01190-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-1D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 05:02:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	50518	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	175792	20.000	ng	# 0.00
39) Acenaphthene-d10	14.934	164	130435	20.000	ng	0.02
64) Phenanthrene-d10	17.678	188	272210	20.000	ng	# 0.02
76) Chrysene-d12	21.949	240	258374	20.000	ng	# 0.00
86) Perylene-d12	25.375	264	279942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	191751	67.772	ng	0.00
7) Phenol-d6	7.443	99	150593	34.658	ng	0.00
23) Nitrobenzene-d5	9.470	82	306126	89.076	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	223857	135.512	ng	0.02
45) 2-Fluorobiphenyl	13.547	172	888971	94.114	ng	0.00
79) Terphenyl-d14	20.245	244	1353558	93.829	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.618	88	27927	21.610	ng	# 88
9) Benzaldehyde	7.437	77	1058690	409.780	ng	94
10) Phenol	7.466	94	8963	2.034	ng	94
15) Benzyl Alcohol	8.530	79	114183	36.107	ng	93
22) Acetophenone	9.123	105	555371	111.733	ng	# 98
32) Benzoic acid	10.909	122	3399851m	1441.717	ng	
37) 2-Methylnaphthalene	12.772	142	24478	3.133	ng	# 91
38) 1-Methylnaphthalene	12.989	142	17743	2.446	ng	# 78
50) Dimethylphthalate	14.358	163	658756	62.563	ng	# 70
52) Acenaphthene	14.999	154	31397	4.023	ng	# 73
75) Fluoranthene	19.711	202	86729	4.713	ng	# 45
78) Pyrene	20.069	202	311194	17.088	ng	# 72
83) Chrysene	21.973	228	54263	3.192	ng	# 45
84) Bis(2-ethylhexyl)phtha...	21.785	149	28981	3.850	ng	# 81

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

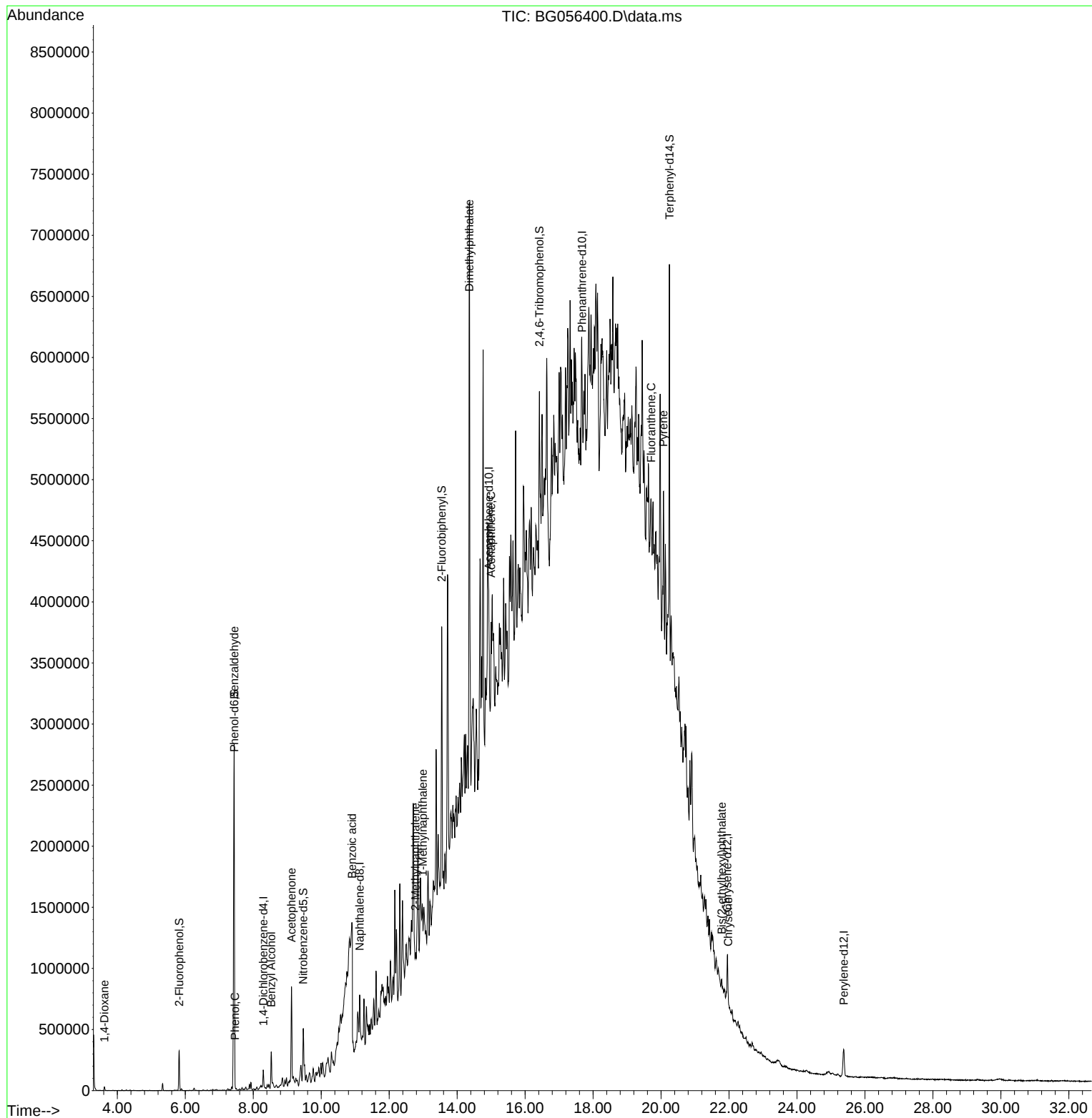
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056400.D
Acq On : 24 Jan 2023 12:47
Operator : CG/JU
Sample : 01190-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

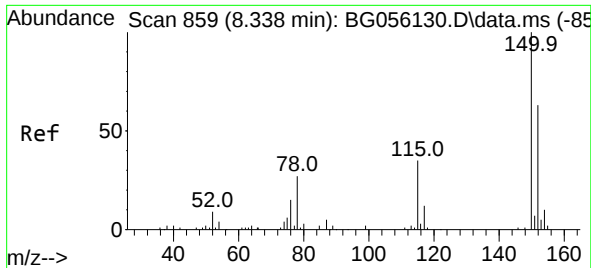
Instrument :
BNA_G
ClientSampleId :
WS-1D

Quant Time: Jan 25 05:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

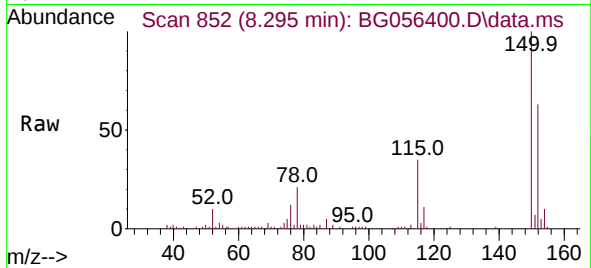
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.295 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG056400.D
 Acq: 24 Jan 2023 12:47

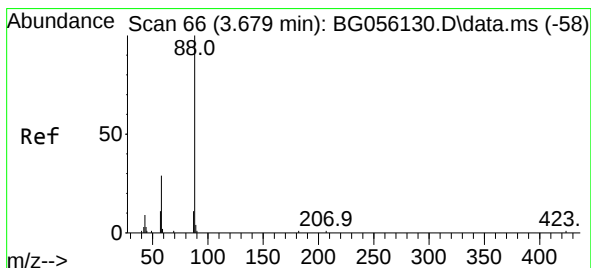
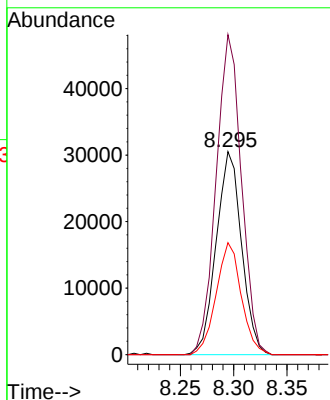
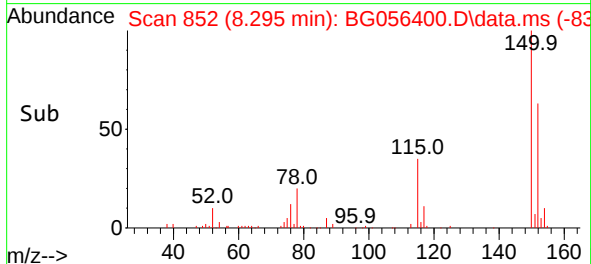
Instrument :
 BNA_G
 ClientSampleId :
 WS-1D



Tgt Ion:152 Resp: 50518
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.9 191.9
 115 55.2 44.2 66.2

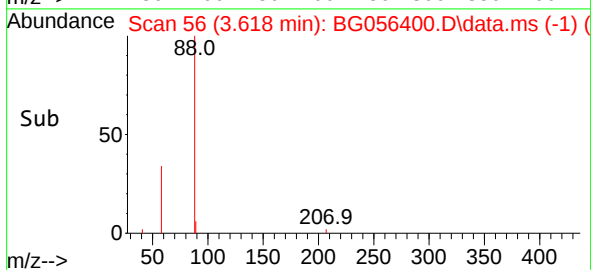
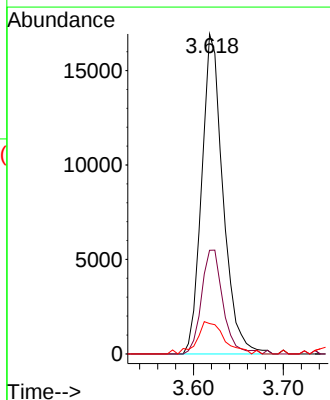
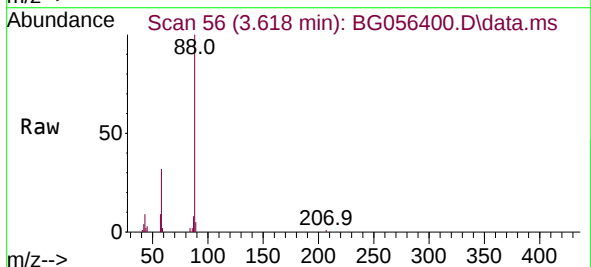
Manual Integrations
 APPROVED

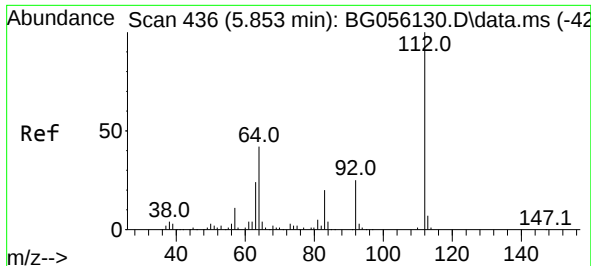
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#2
 1,4-Dioxane
 Concen: 21.610 ng
 RT: 3.618 min Scan# 56
 Delta R.T. 0.001 min
 Lab File: BG056400.D
 Acq: 24 Jan 2023 12:47

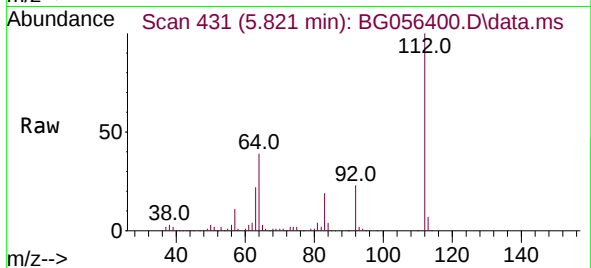
Tgt Ion: 88 Resp: 27927
 Ion Ratio Lower Upper
 88 100
 58 32.9 21.4 32.0#
 43 13.0 7.1 10.7#





#5
2-Fluorophenol
Concen: 67.772 ng
RT: 5.821 min Scan# 436
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

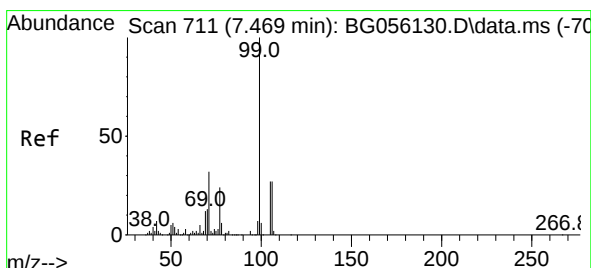
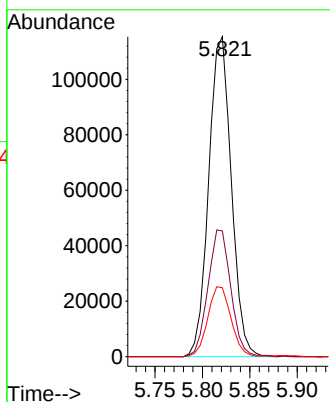
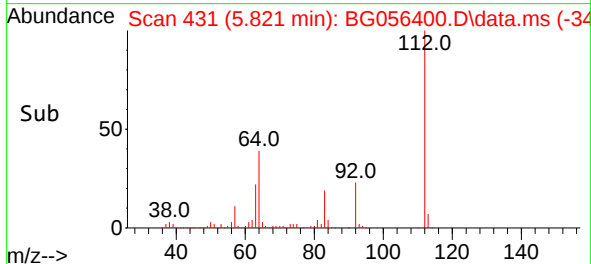
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion:112 Resp: 19175
Ion Ratio Lower Upper
112 100
64 39.3 33.3 49.9
63 21.5 19.0 28.4

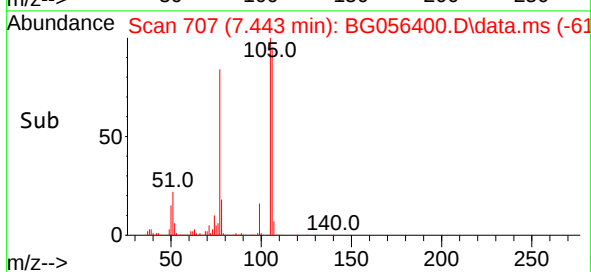
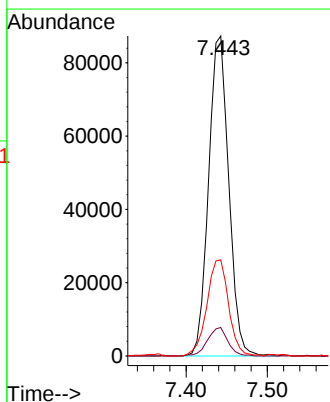
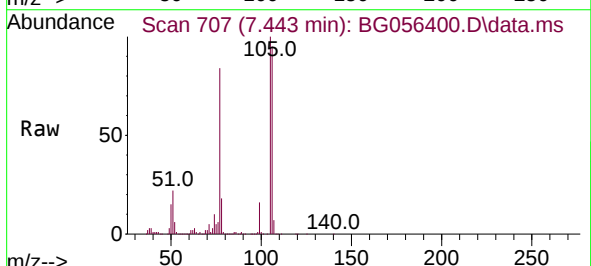
Manual Integrations
APPROVED

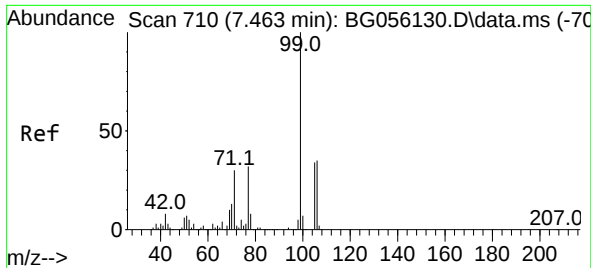
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#7
Phenol-d6
Concen: 34.658 ng
RT: 7.443 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

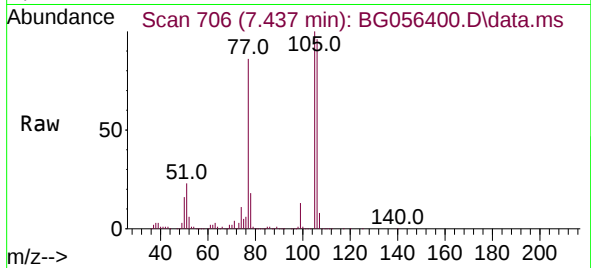
Tgt Ion: 99 Resp: 150593
Ion Ratio Lower Upper
99 100
42 8.9 5.9 8.9#
71 30.0 25.4 38.2





#9
Benzaldehyde
Concen: 409.780 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.019 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

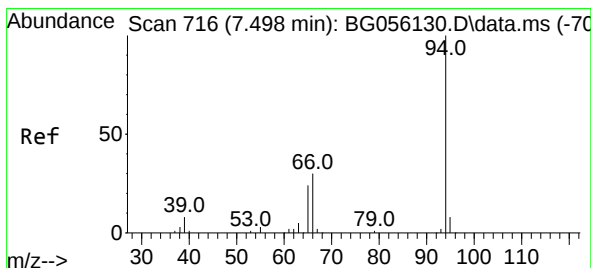
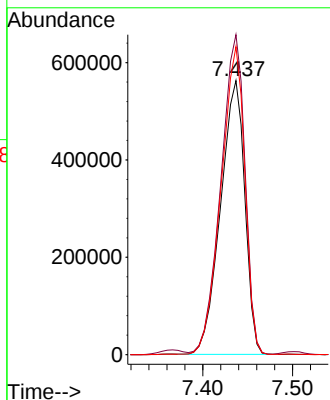
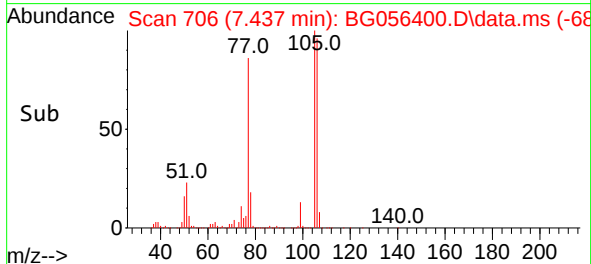
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion: 77 Resp: 1058690
Ion Ratio Lower Upper
77 100
105 116.8 86.8 126.8
106 112.4 89.3 129.3

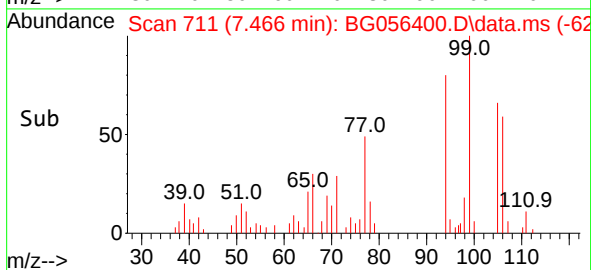
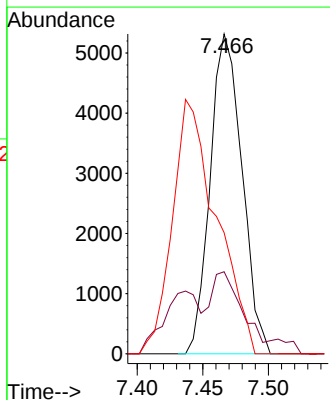
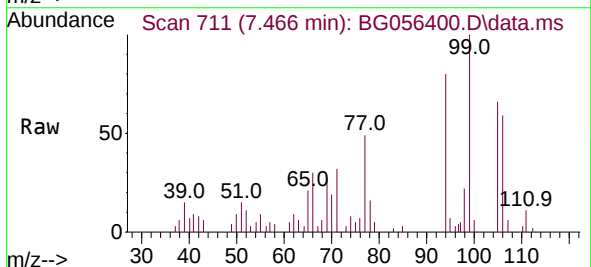
Manual Integrations
APPROVED

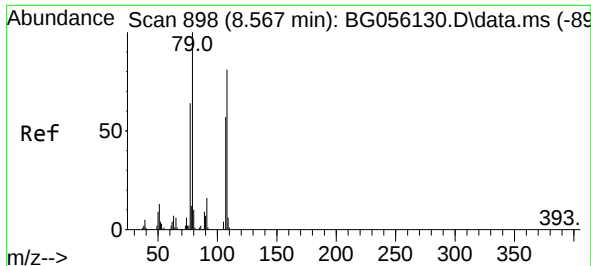
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#10
Phenol
Concen: 2.034 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

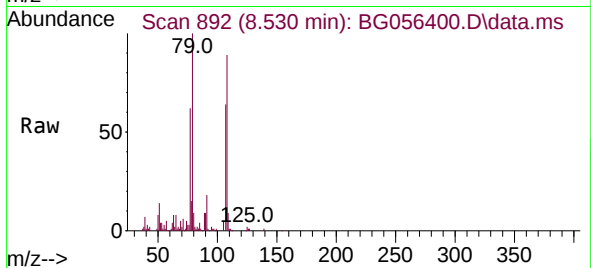
Tgt Ion: 94 Resp: 8963
Ion Ratio Lower Upper
94 100
65 25.7 4.3 44.3
66 37.9 13.2 53.2





#15
Benzyl Alcohol
Concen: 36.107 ng
RT: 8.530 min Scan# 89
Delta R.T. 0.001 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

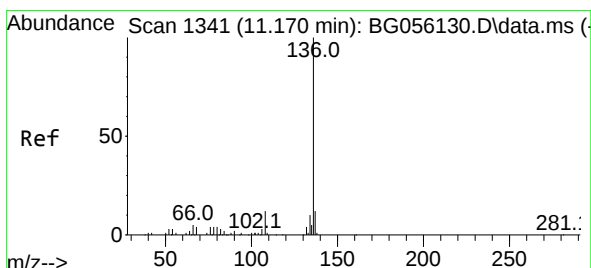
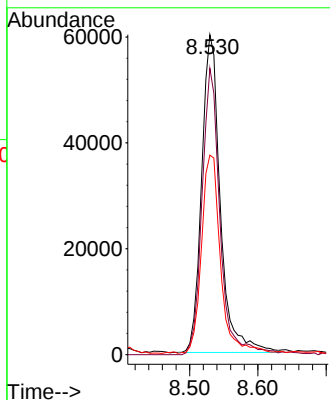
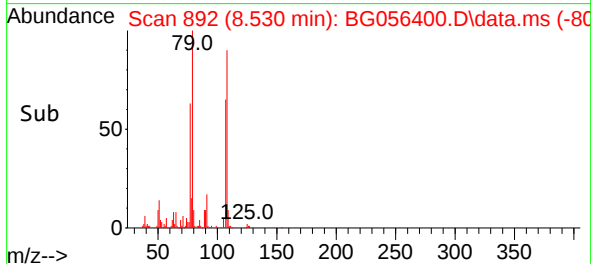
Instrument :
BNA_G
ClientSampleId :
WS-1D



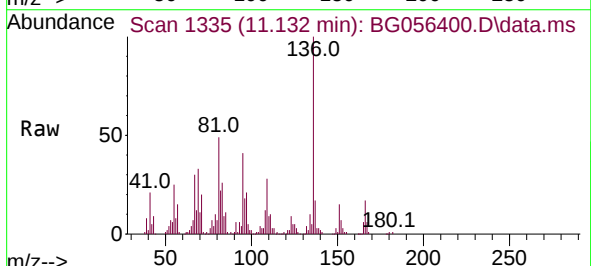
Tgt Ion: 79 Resp: 114183
Ion Ratio Lower Upper
79 100
108 89.5 64.7 97.1
77 62.3 51.5 77.3

Manual Integrations
APPROVED

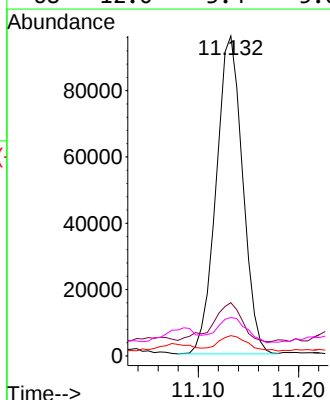
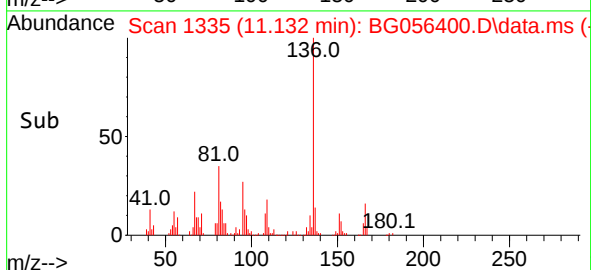
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

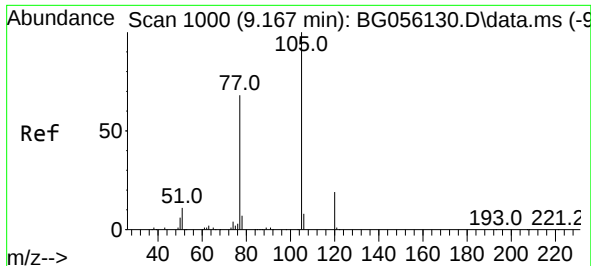


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. 0.001 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



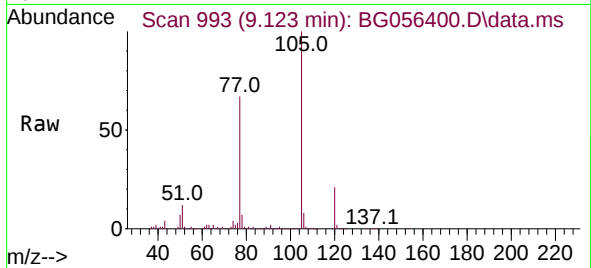
Tgt Ion:136 Resp: 175792
Ion Ratio Lower Upper
136 100
137 16.6 9.4 14.0#
54 6.3 2.2 3.2#
68 12.0 3.4 5.0#





#22
Acetophenone
Concen: 111.733 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

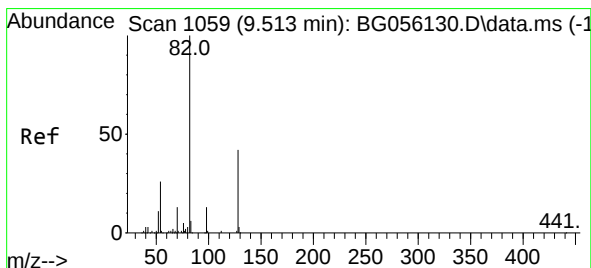
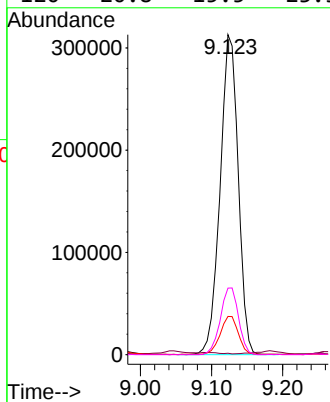
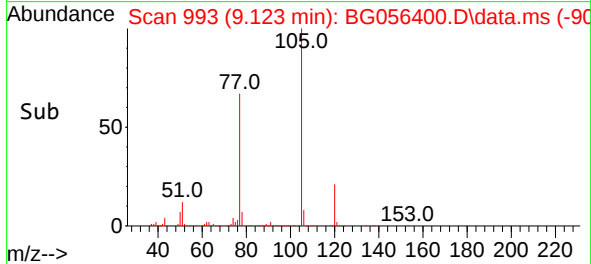
Instrument :
BNA_G
ClientSampleId :
WS-1D



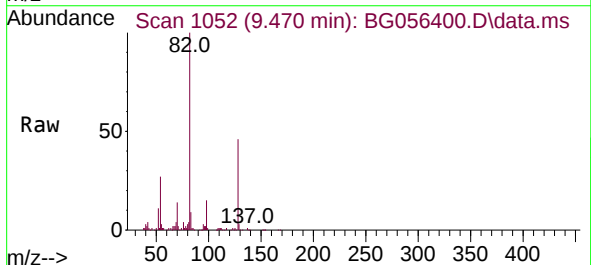
Tgt Ion: 105 Resp: 55537
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7
51 11.9 9.3 13.9
120 20.8 15.5 23.3

Manual Integrations
APPROVED

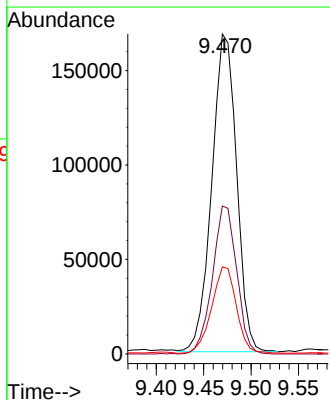
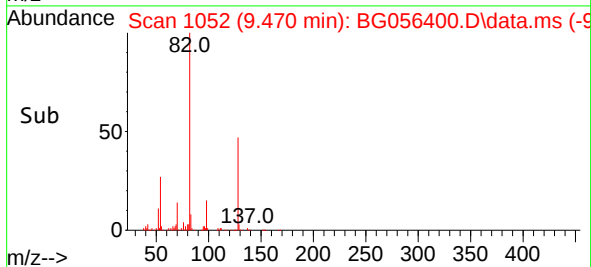
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023

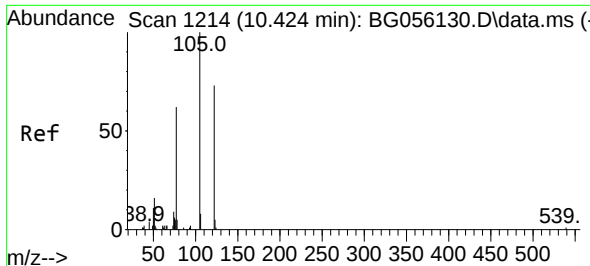


#23
Nitrobenzene-d5
Concen: 89.076 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



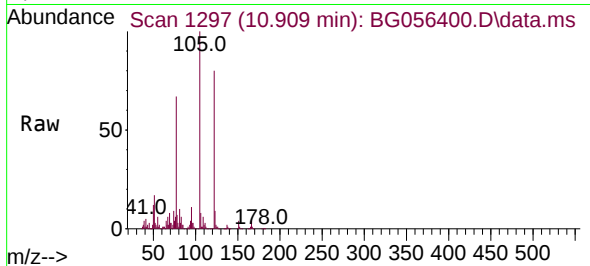
Tgt Ion: 82 Resp: 306126
Ion Ratio Lower Upper
82 100
128 46.2 33.4 50.2
54 27.2 20.3 30.5





#32
Benzoic acid
Concen: 1441.717 ng m
RT: 10.909 min Scan# 1214
Delta R.T. 0.501 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

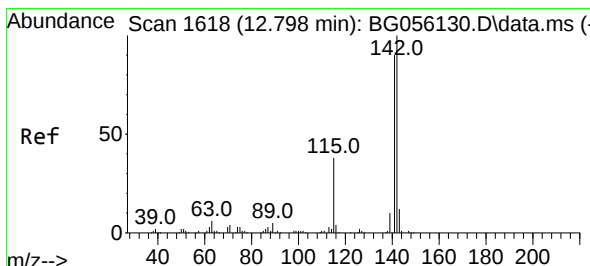
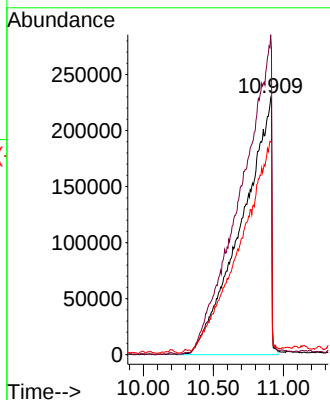
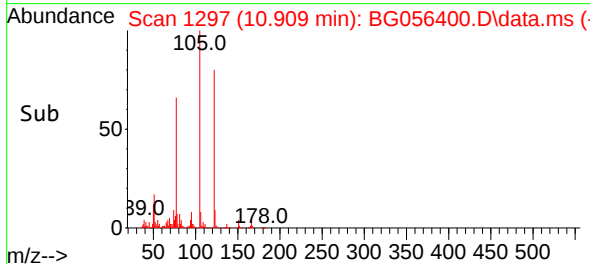
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion:122 Resp: 339985
Ion Ratio Lower Upper
122 100
105 124.8 109.0 149.0
77 83.1 63.1 103.1

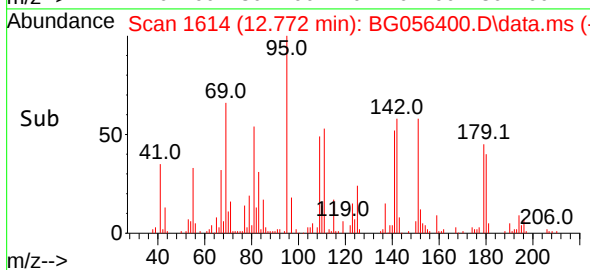
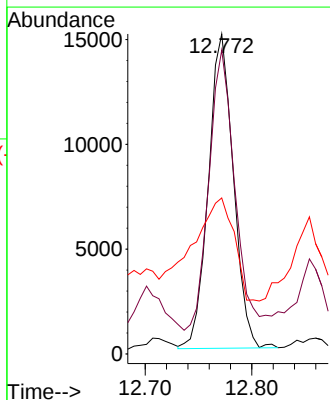
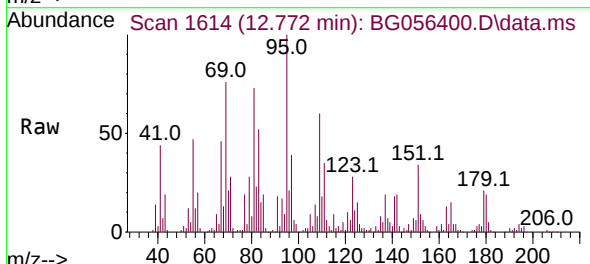
Manual Integrations
APPROVED

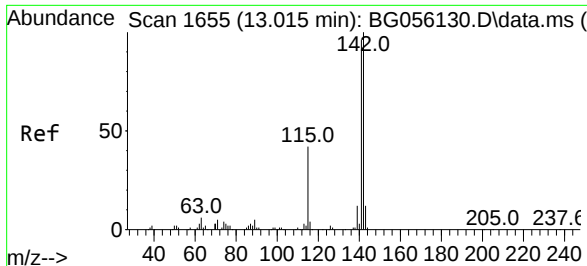
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#37
2-Methylnaphthalene
Concen: 3.133 ng
RT: 12.772 min Scan# 1614
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

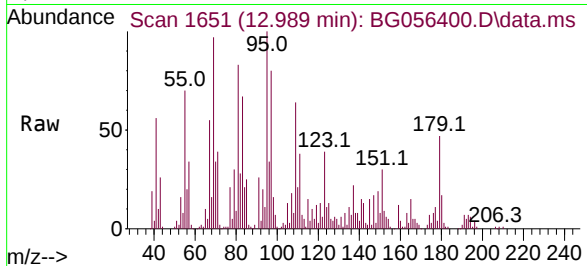
Tgt Ion:142 Resp: 24478
Ion Ratio Lower Upper
142 100
141 94.9 72.2 108.4
115 48.7 30.7 46.1#





#38
1-Methylnaphthalene
Concen: 2.446 ng
RT: 12.989 min Scan# 1651
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

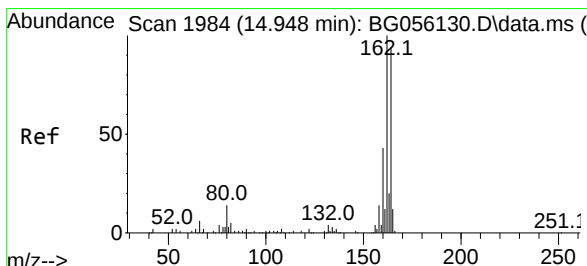
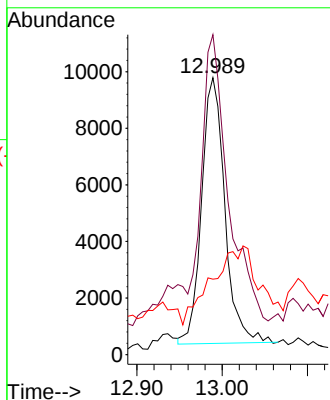
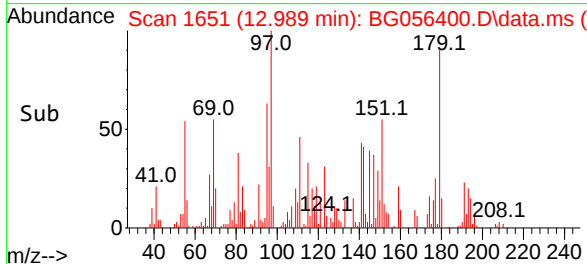
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion:142 Resp: 17743
Ion Ratio Lower Upper
142 100
141 115.6 77.0 115.6
116 27.2 3.6 5.4

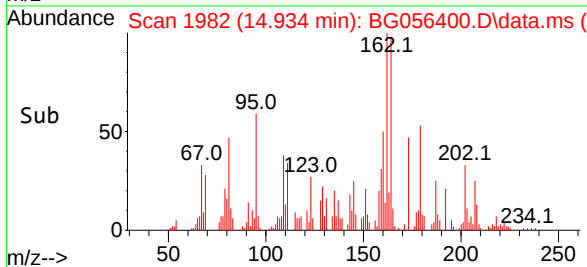
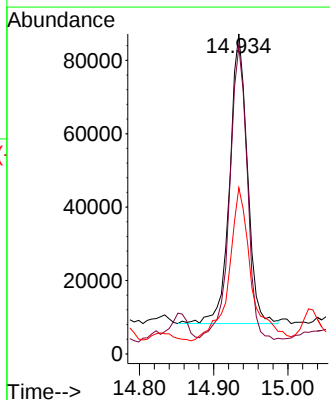
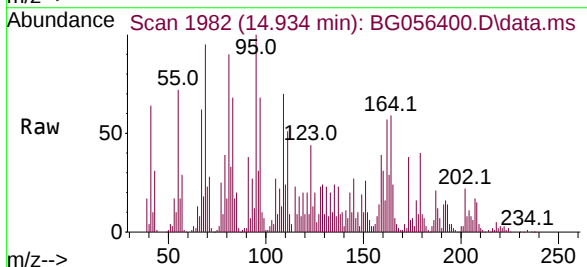
Manual Integrations
APPROVED

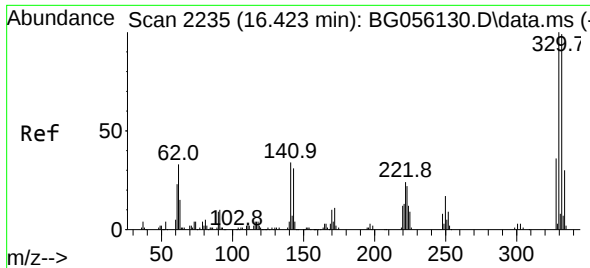
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.934 min Scan# 1982
Delta R.T. 0.019 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

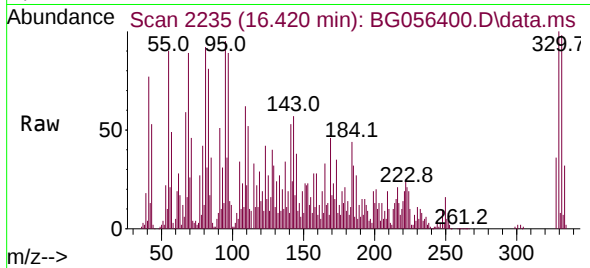
Tgt Ion:164 Resp: 130435
Ion Ratio Lower Upper
164 100
162 96.1 84.7 127.1
160 51.9 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 135.512 ng
RT: 16.420 min Scan# 21
Delta R.T. 0.025 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

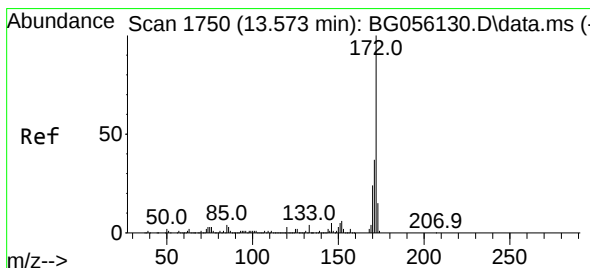
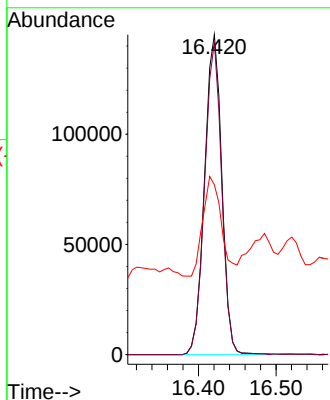
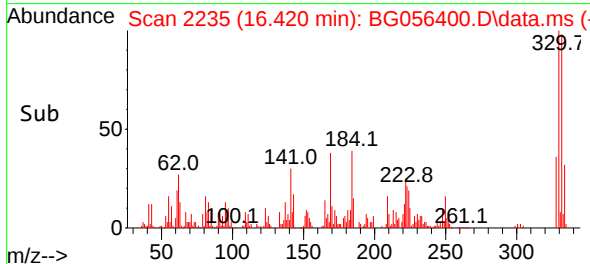
Instrument :
BNA_G
ClientSampleId :
WS-1D



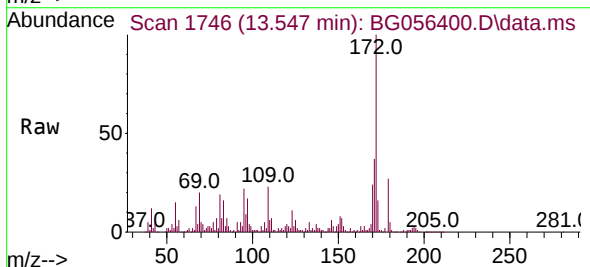
Tgt Ion:330 Resp: 22385
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.5 27.9 41.9

Manual Integrations
APPROVED

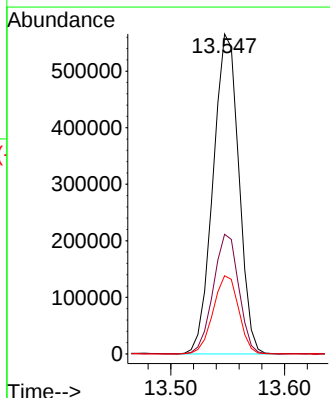
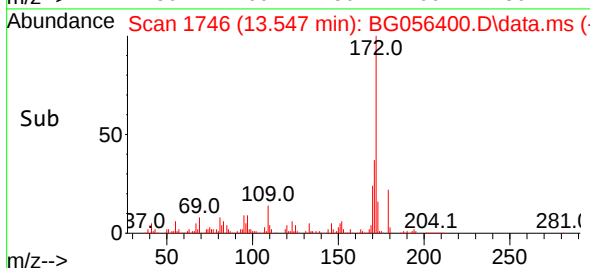
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

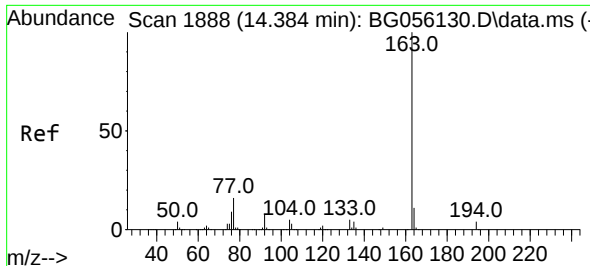


#45
2-Fluorobiphenyl
Concen: 94.114 ng
RT: 13.547 min Scan# 1746
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



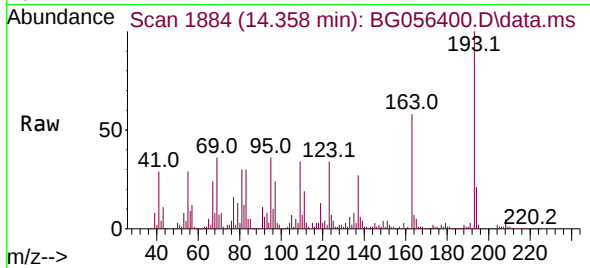
Tgt Ion:172 Resp: 888971
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.4 19.4 29.2





#50
Dimethylphthalate
Concen: 62.563 ng
RT: 14.358 min Scan# 1884
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

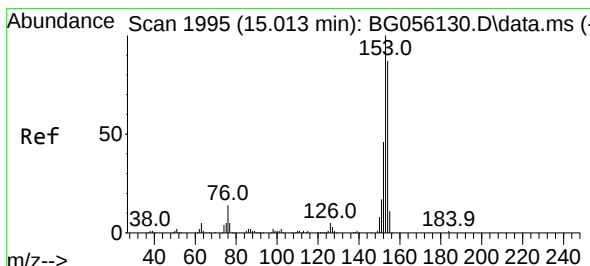
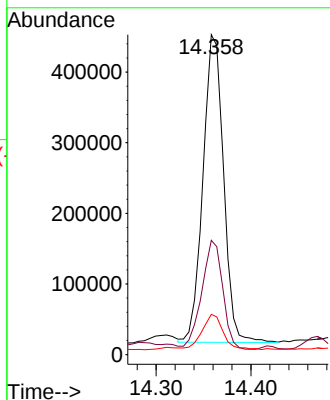
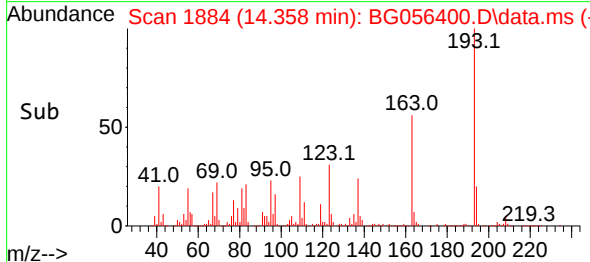
Instrument :
BNA_G
ClientSampleId :
WS-1D



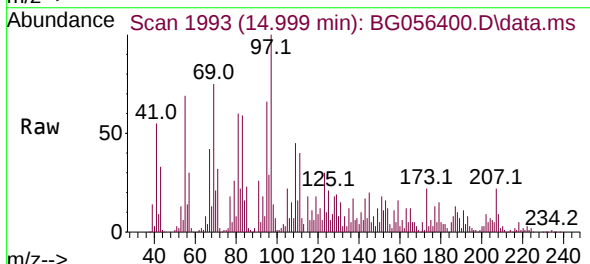
Tgt Ion:163 Resp: 658756
Ion Ratio Lower Upper
163 100
194 35.7 3.5 5.3#
164 12.6 8.7 13.1#

Manual Integrations
APPROVED

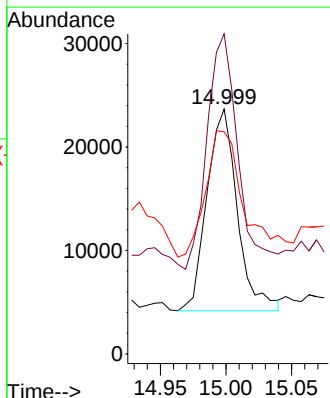
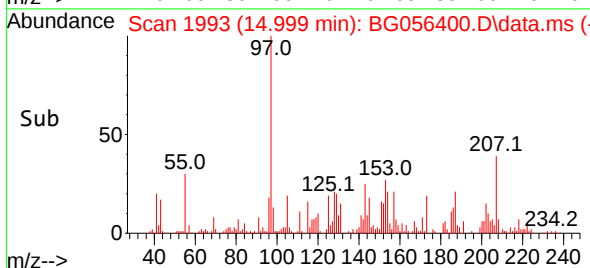
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

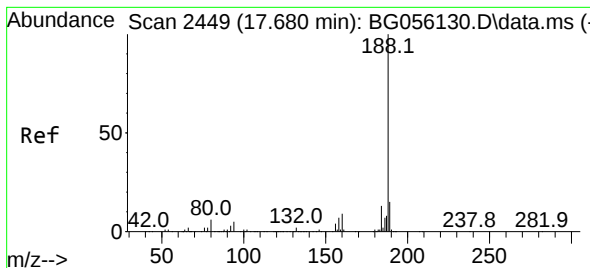


#52
Acenaphthene
Concen: 4.023 ng
RT: 14.999 min Scan# 1993
Delta R.T. 0.019 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



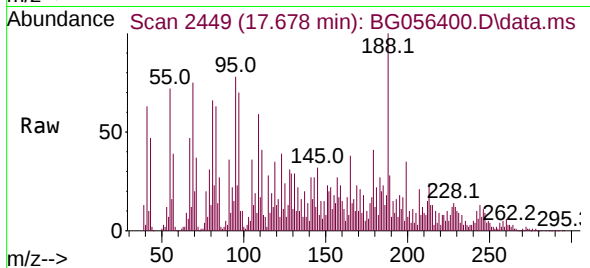
Tgt Ion:154 Resp: 31397
Ion Ratio Lower Upper
154 100
153 130.8 92.0 138.0
152 90.8 42.5 63.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.678 min Scan# 2449
Delta R.T. 0.025 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

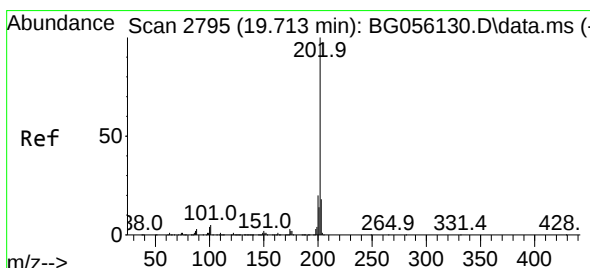
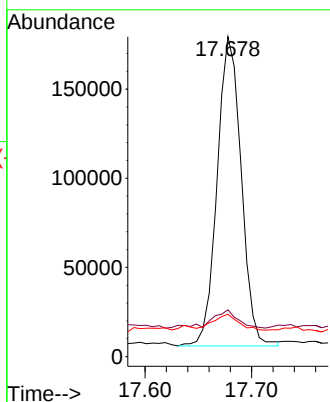
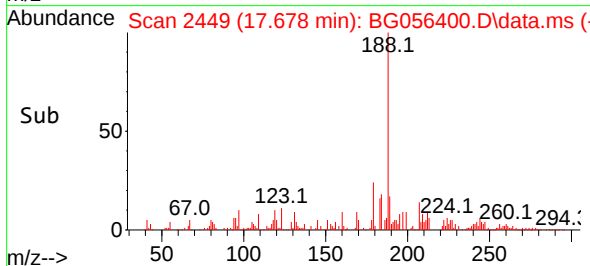
Instrument :
BNA_G
ClientSampleId :
WS-1D



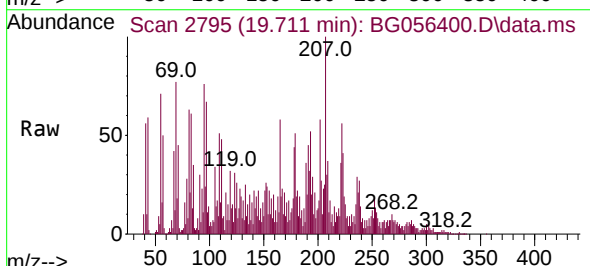
Tgt Ion:188 Resp: 272210
Ion Ratio Lower Upper
188 100
94 14.6 4.2 6.2
80 13.2 5.0 7.4

Manual Integrations
APPROVED

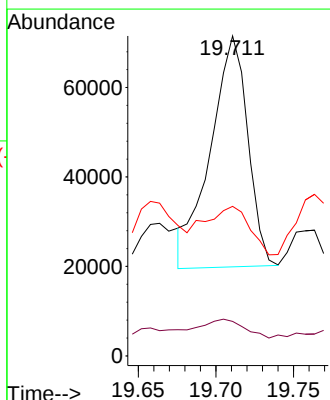
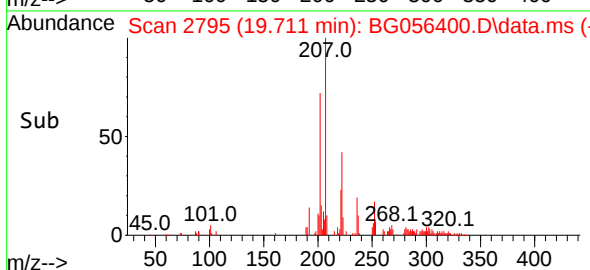
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

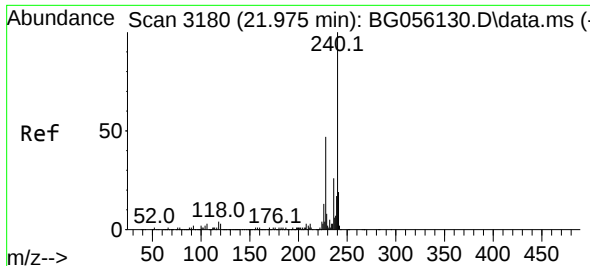


#75
Fluoranthene
Concen: 4.713 ng
RT: 19.711 min Scan# 2795
Delta R.T. 0.025 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



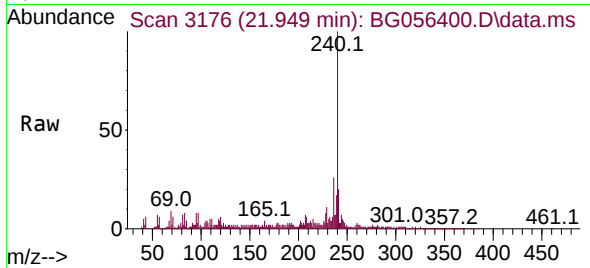
Tgt Ion:202 Resp: 86729
Ion Ratio Lower Upper
202 100
101 10.8 0.0 25.0
203 46.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3180
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

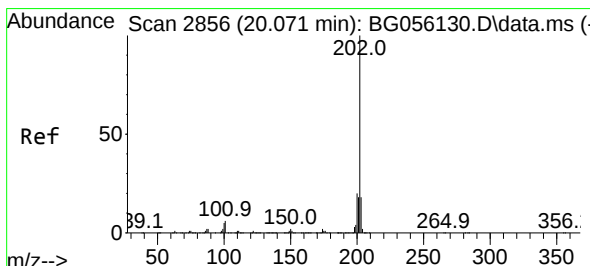
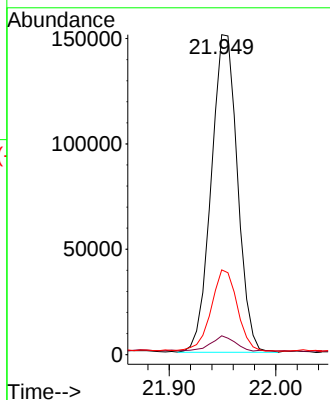
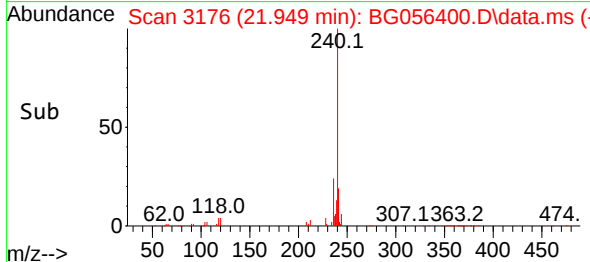
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion:240 Resp: 258374
Ion Ratio Lower Upper
240 100
120 5.9 2.6 4.0
236 26.5 20.8 31.2

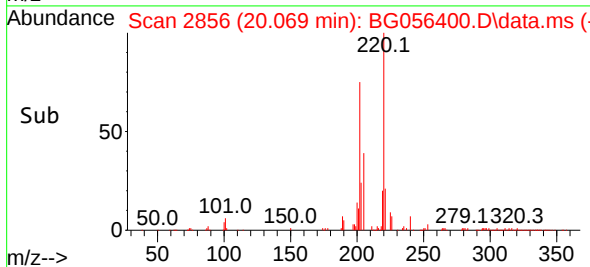
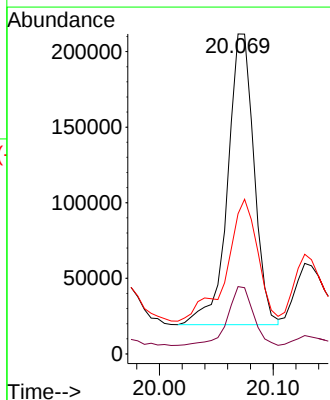
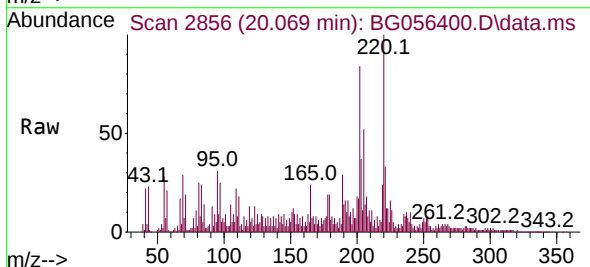
Manual Integrations
APPROVED

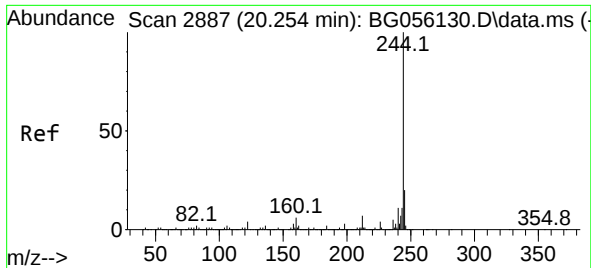
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#78
Pyrene
Concen: 17.088 ng
RT: 20.069 min Scan# 2856
Delta R.T. 0.025 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

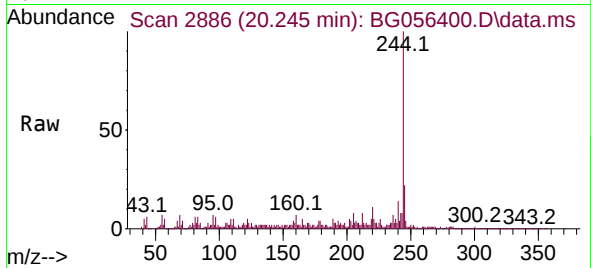
Tgt Ion:202 Resp: 311194
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 43.8 14.3 21.5





#79
Terphenyl-d14
Concen: 93.829 ng
RT: 20.245 min Scan# 2887
Delta R.T. 0.019 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

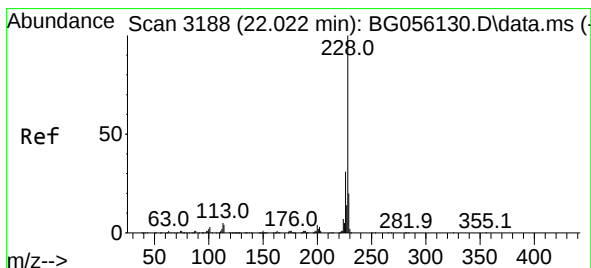
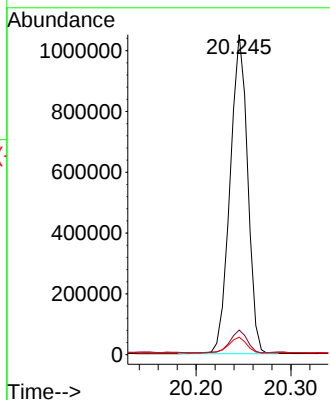
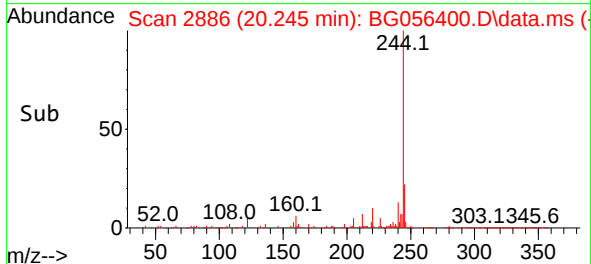
Instrument :
BNA_G
ClientSampleId :
WS-1D



Tgt Ion:244 Resp: 1353558
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 5.5 3.5 5.3

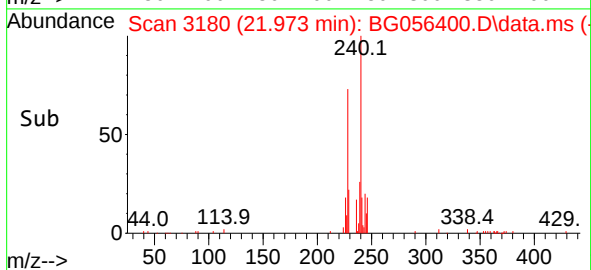
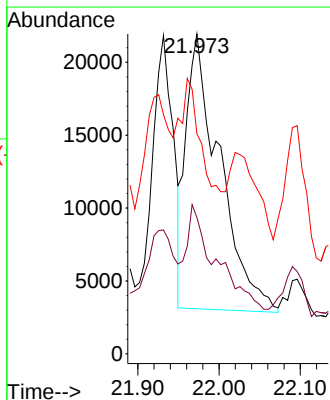
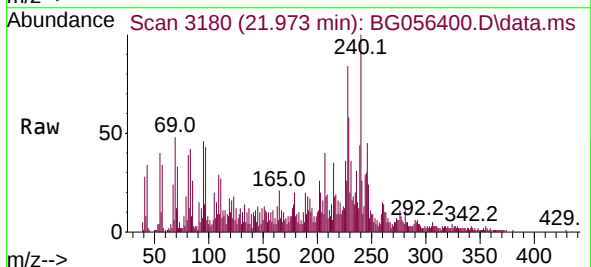
Manual Integrations
APPROVED

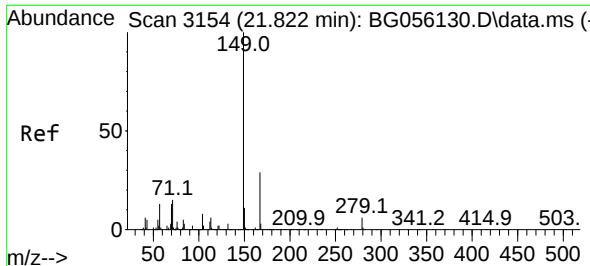
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#83
Chrysene
Concen: 3.192 ng
RT: 21.973 min Scan# 3180
Delta R.T. -0.022 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

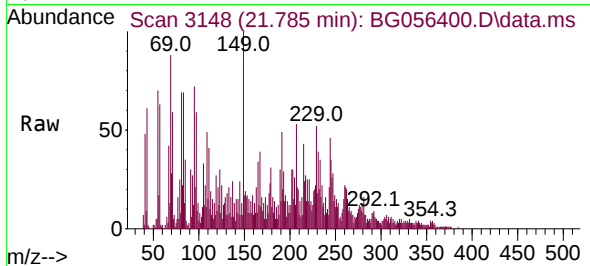
Tgt Ion:228 Resp: 54263
Ion Ratio Lower Upper
228 100
226 42.6 24.6 36.8#
229 68.8 15.8 23.6#





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.850 ng
RT: 21.785 min Scan# 3154
Delta R.T. 0.007 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47

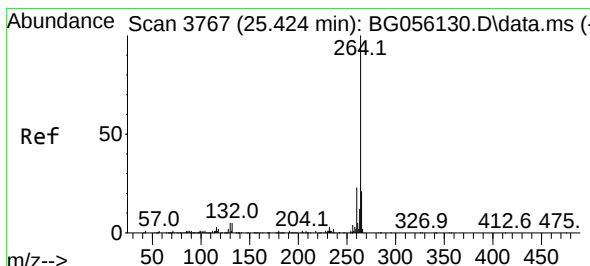
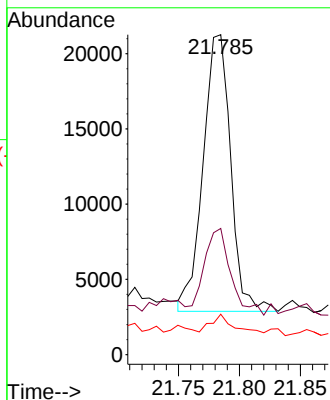
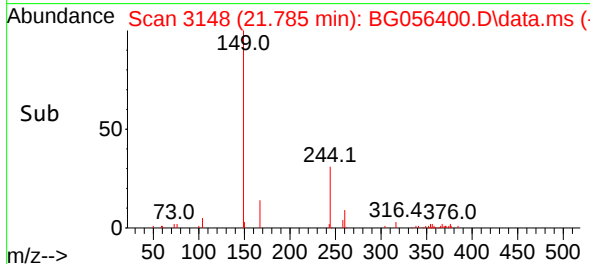
Instrument :
BNA_G
ClientSampleId :
WS-1D



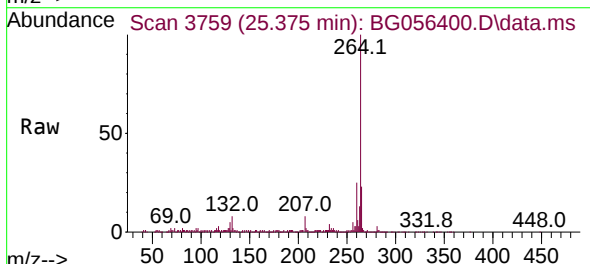
Tgt Ion:149 Resp: 28981
Ion Ratio Lower Upper
149 100
167 39.4 23.4 35.2
279 12.6 4.7 7.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.375 min Scan# 3759
Delta R.T. 0.001 min
Lab File: BG056400.D
Acq: 24 Jan 2023 12:47



Tgt Ion:264 Resp: 279942
Ion Ratio Lower Upper
264 100
260 25.1 18.6 28.0
265 22.7 16.7 25.1

