

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039251.D
 Acq On : 31 Mar 2023 13:44
 Operator : CG/JU
 Sample : 02084-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5B

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Mar 31 17:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	295053	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1241189	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	750158	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1607321	20.000	ng	0.00
76) Chrysene-d12	21.492	240	1536034	20.000	ng	0.00
86) Perylene-d12	23.909	264	1641975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1331636	67.996	ng	0.01
7) Phenol-d6	7.093	99	1048757	41.403	ng	0.00
23) Nitrobenzene-d5	9.098	82	2303616	90.205	ng	0.01
42) 2,4,6-Tribromophenol	16.057	330	1347571	141.514	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4796357	86.630	ng	0.00
79) Terphenyl-d14	19.939	244	6693136	80.506	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.910	122	63702m	3.265	ng	
31) Naphthalene	10.786	128	5412080	80.923	ng	97
37) 2-Methylnaphthalene	12.386	142	841757	18.080	ng	99
38) 1-Methylnaphthalene	12.610	142	2232847	51.218	ng	99

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

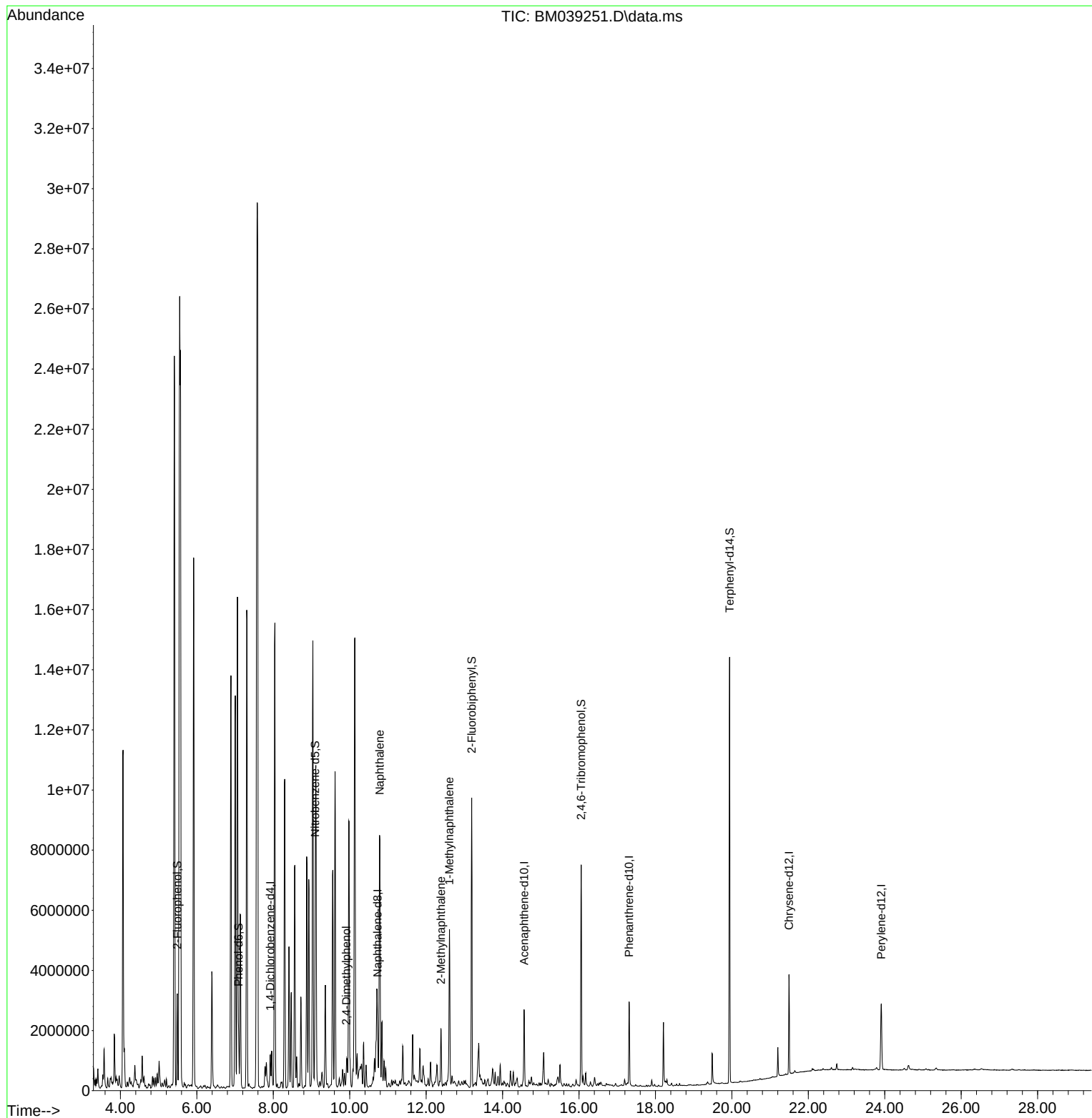
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039251.D
Acq On : 31 Mar 2023 13:44
Operator : CG/JU
Sample : 02084-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

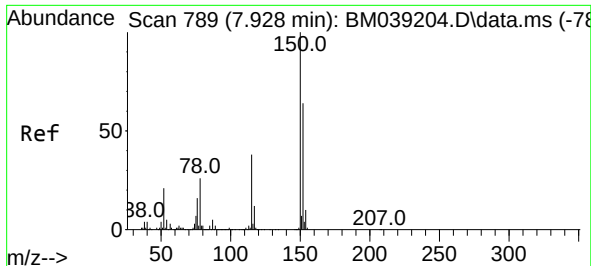
Instrument :
BNA_M
ClientSampleId :
MW-5B

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/03/2023
Supervised By : Jagrut Upadhyay 04/03/2023

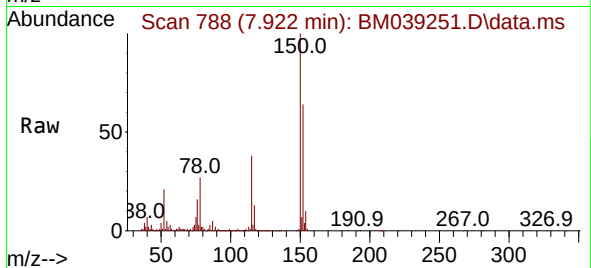
Quant Time: Mar 31 17:18:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 788
Delta R.T. 0.006 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

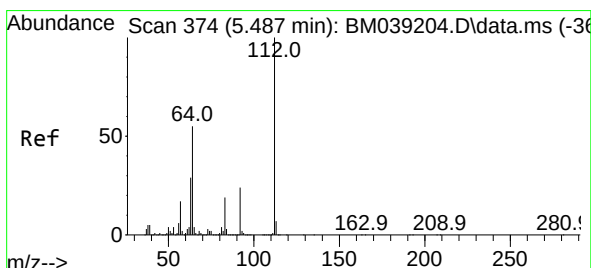
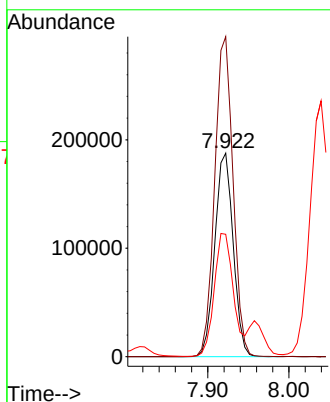
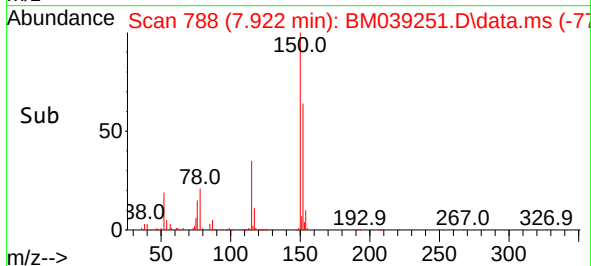
Instrument :
BNA_M
ClientSampleId :
MW-5B



Tgt Ion:152 Resp: 29505
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 60.1 48.1 72.1

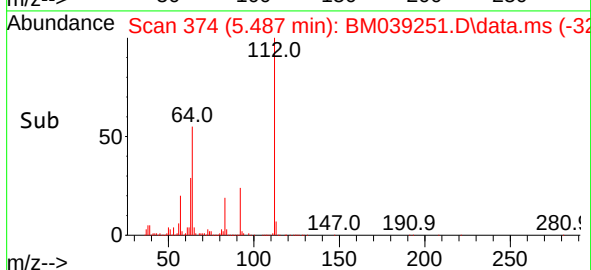
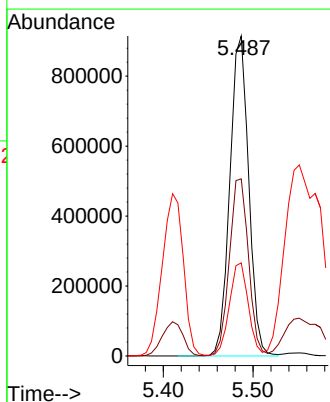
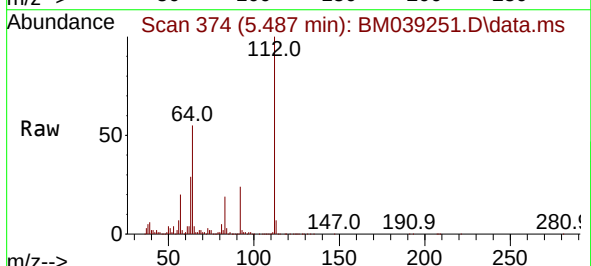
Manual Integrations
APPROVED

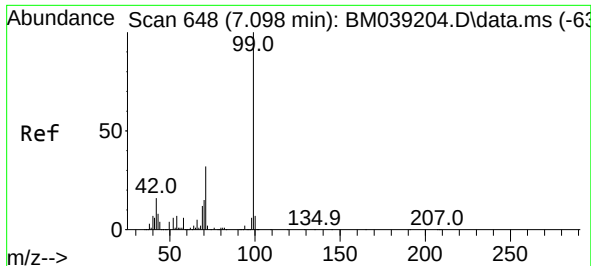
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#5
2-Fluorophenol
Concen: 67.996 ng
RT: 5.487 min Scan# 374
Delta R.T. 0.011 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

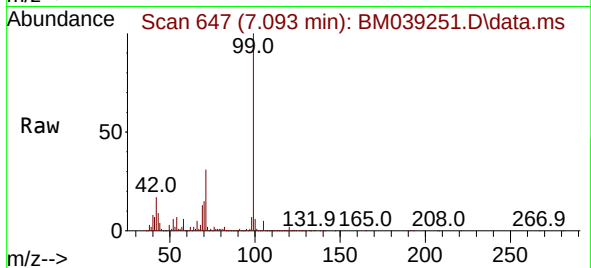
Tgt Ion:112 Resp: 1331636
Ion Ratio Lower Upper
112 100
64 55.4 44.3 66.5
63 29.1 23.0 34.6





#7
Phenol-d6
Concen: 41.403 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.006 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

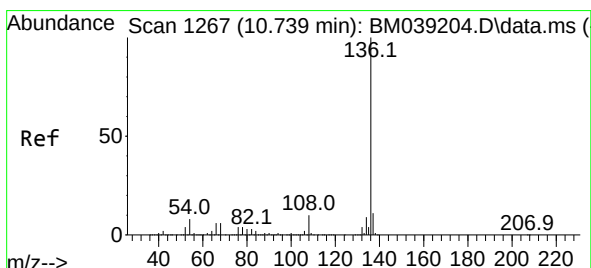
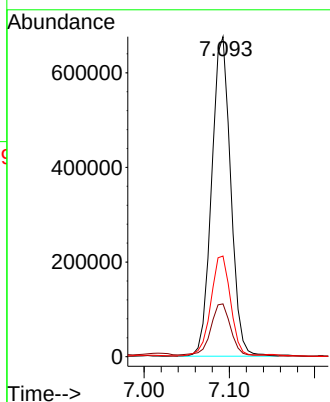
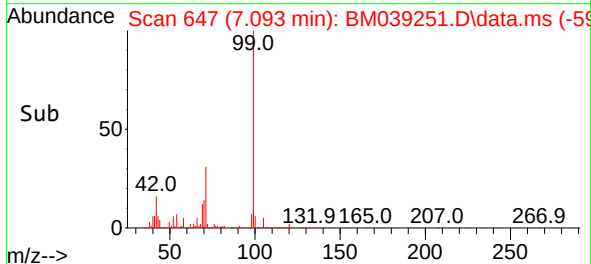
Instrument :
BNA_M
ClientSampleId :
MW-5B



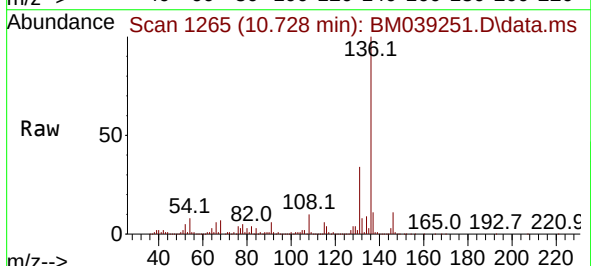
Tgt Ion: 99 Resp: 104875
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 31.4 25.5 38.3

Manual Integrations
APPROVED

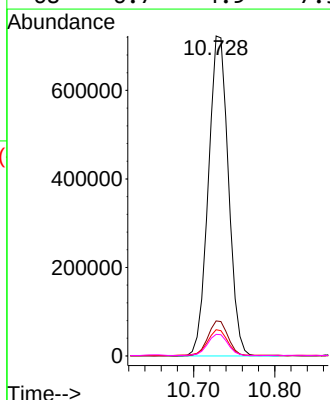
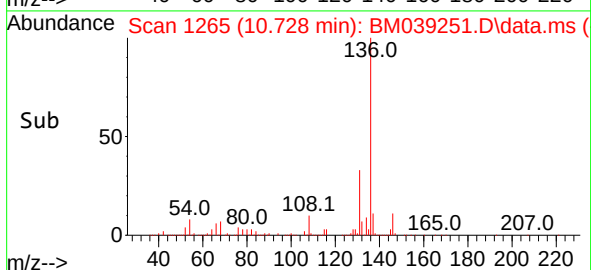
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

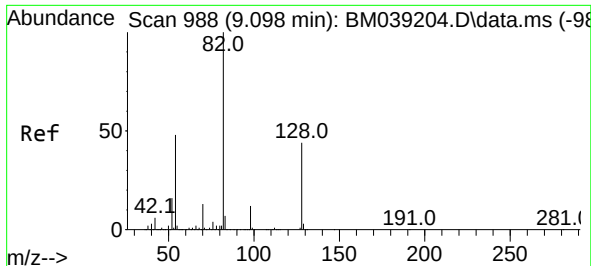


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44



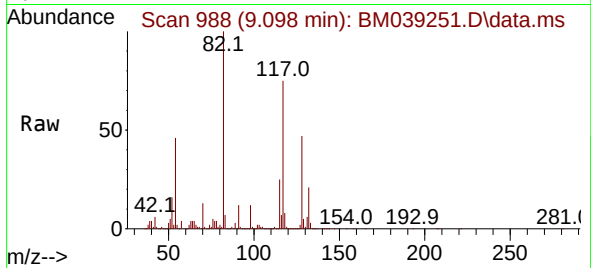
Tgt Ion:136 Resp: 1241189
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.2 9.4
68 6.7 4.9 7.3





#23
Nitrobenzene-d5
Concen: 90.205 ng
RT: 9.098 min Scan# 90
Delta R.T. 0.011 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

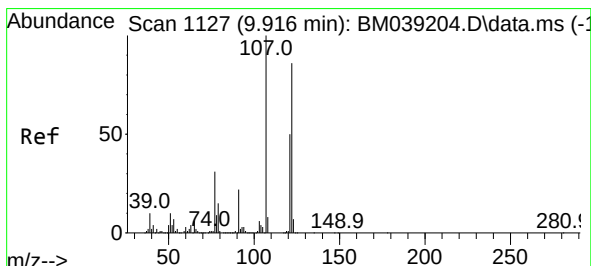
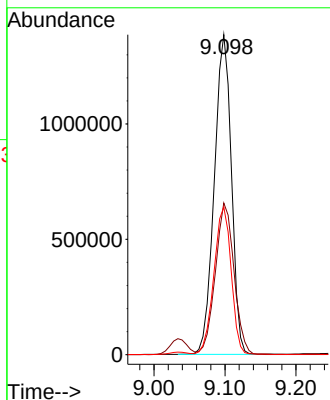
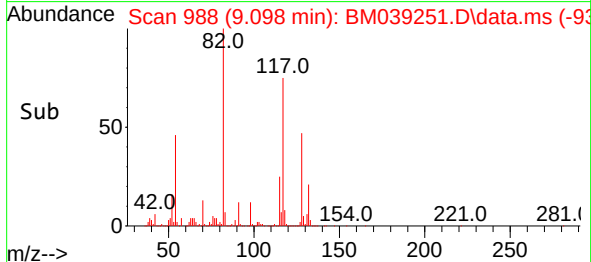
Instrument :
BNA_M
ClientSampleId :
MW-5B



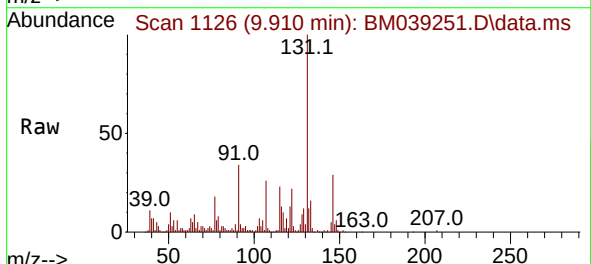
Tgt Ion: 82 Resp: 2303610
Ion Ratio Lower Upper
82 100
128 47.4 35.1 52.7
54 46.1 38.5 57.7

Manual Integrations
APPROVED

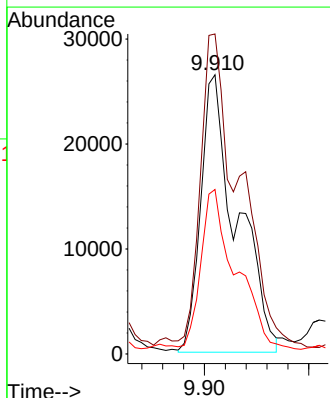
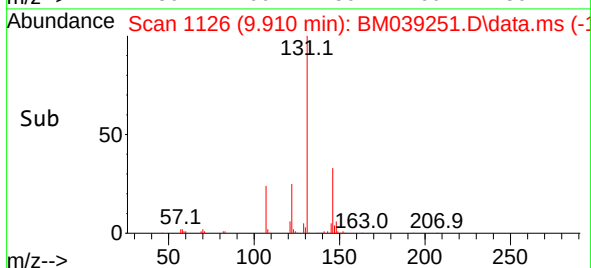
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

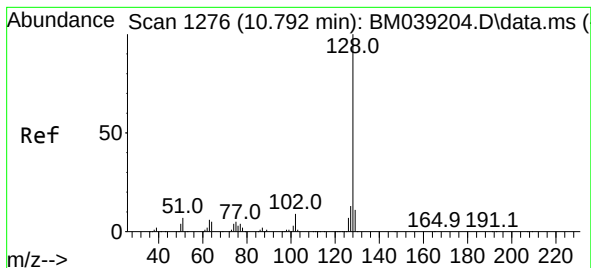


#27
2,4-Dimethylphenol
Concen: 3.265 ng m
RT: 9.910 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44



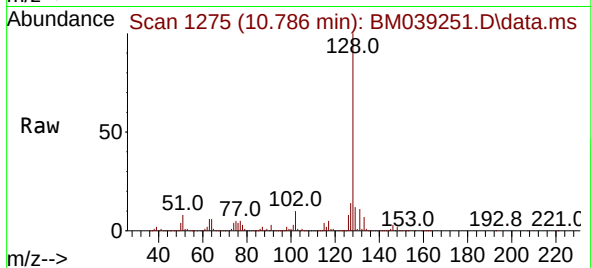
Tgt Ion:122 Resp: 63702
Ion Ratio Lower Upper
122 100
107 114.6 92.3 138.5
121 58.9 46.3 69.5





#31
Naphthalene
Concen: 80.923 ng
RT: 10.786 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

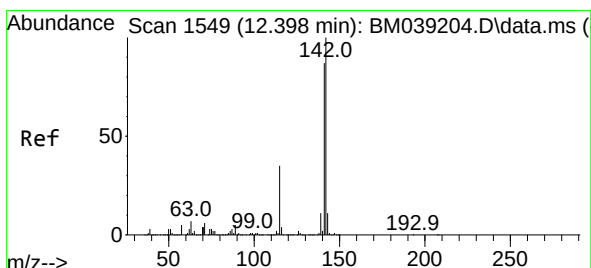
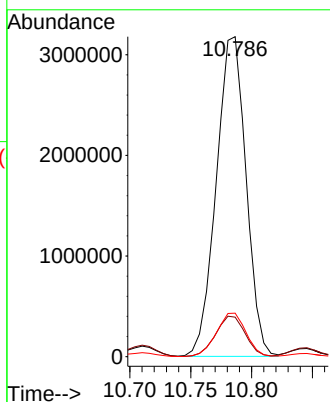
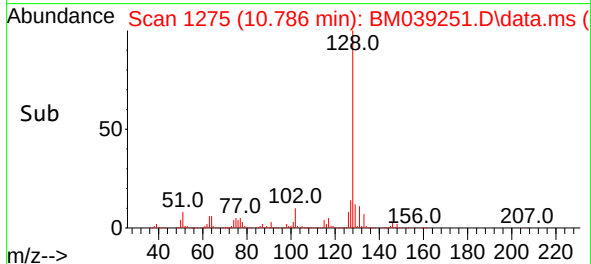
Instrument :
BNA_M
ClientSampleId :
MW-5B



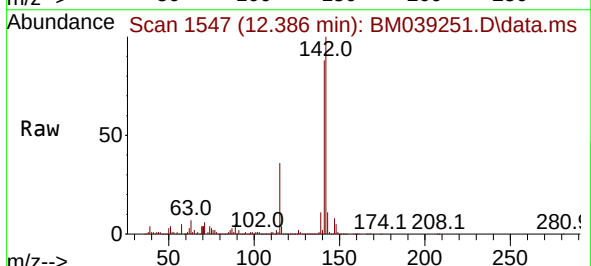
Tgt Ion:128 Resp: 5412080
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 13.6 10.3 15.5

Manual Integrations
APPROVED

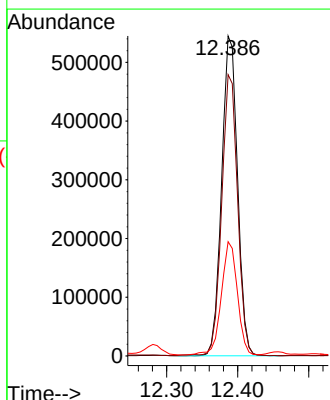
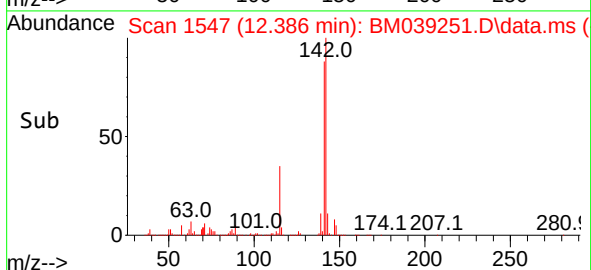
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

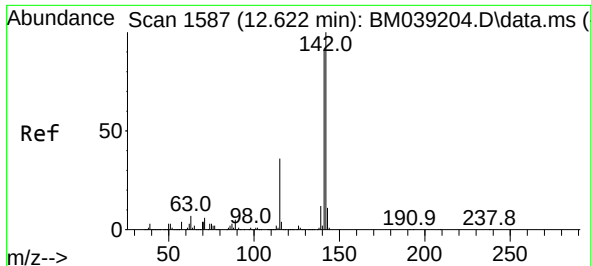


#37
2-Methylnaphthalene
Concen: 18.080 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44



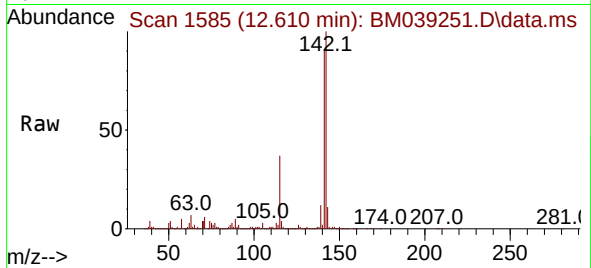
Tgt Ion:142 Resp: 841757
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.8
115 35.7 27.8 41.8





#38
1-Methylnaphthalene
Concen: 51.218 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

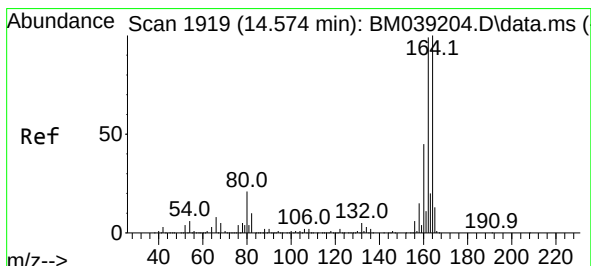
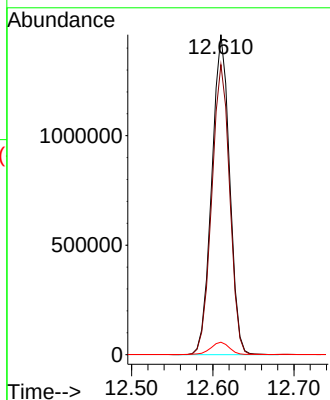
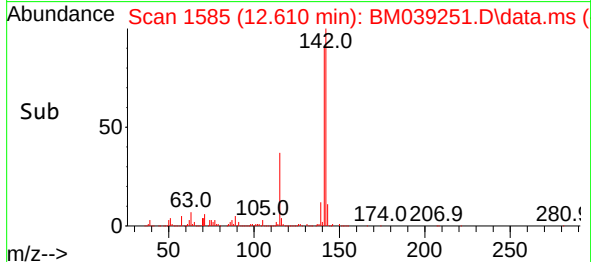
Instrument :
BNA_M
ClientSampleId :
MW-5B



Tgt Ion:142 Resp: 223284
Ion Ratio Lower Upper
142 100
141 90.6 73.2 109.8
116 3.9 3.0 4.4

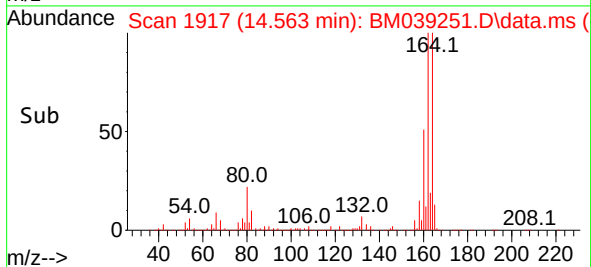
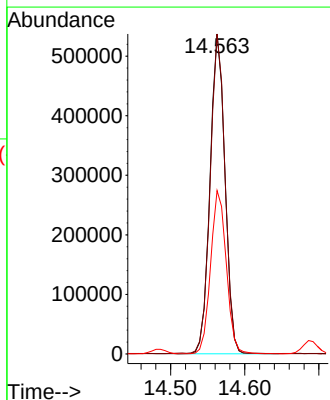
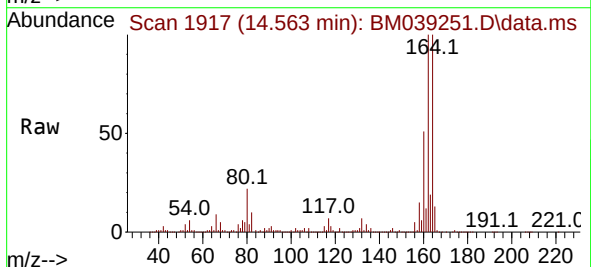
Manual Integrations
APPROVED

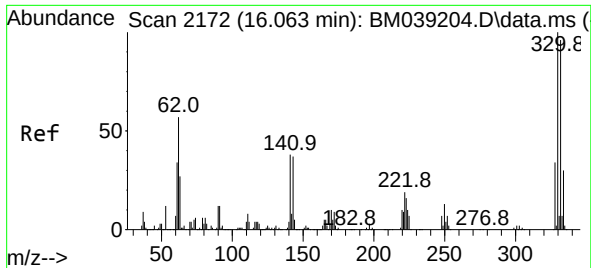
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

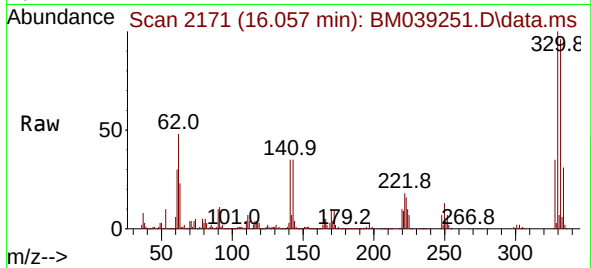
Tgt Ion:164 Resp: 750158
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 51.1 35.8 53.8





#42
2,4,6-Tribromophenol
Concen: 141.514 ng
RT: 16.057 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44

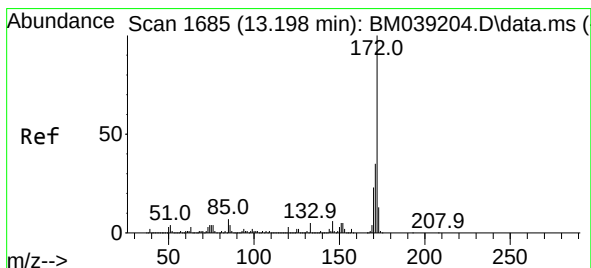
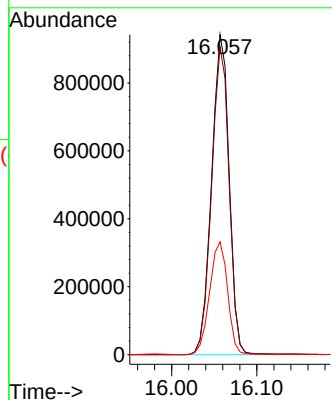
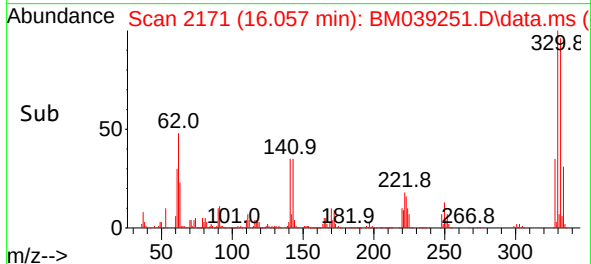
Instrument :
BNA_M
ClientSampleId :
MW-5B



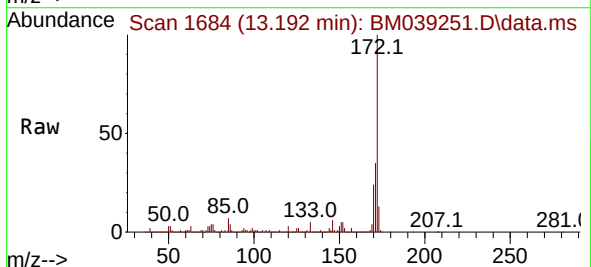
Tgt Ion:330 Resp: 134757
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 36.0 29.8 44.6

Manual Integrations
APPROVED

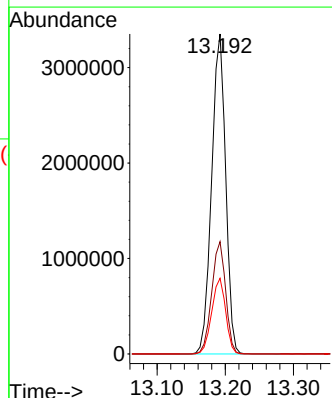
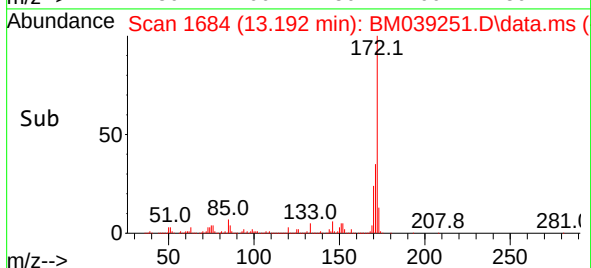
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

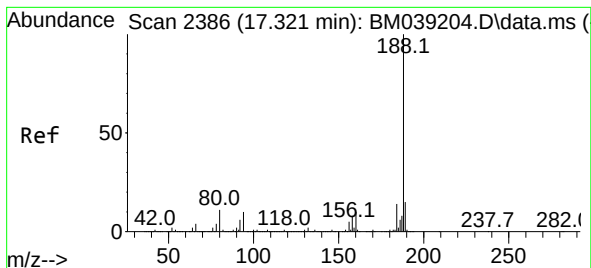


#45
2-Fluorobiphenyl
Concen: 86.630 ng
RT: 13.192 min Scan# 1684
Delta R.T. 0.006 min
Lab File: BM039251.D
Acq: 31 Mar 2023 13:44



Tgt Ion:172 Resp: 4796357
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039251.D

Acq: 31 Mar 2023 13:44

Instrument :

BNA_M

ClientSampleId :

MW-5B

Tgt Ion:188 Resp: 160732

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

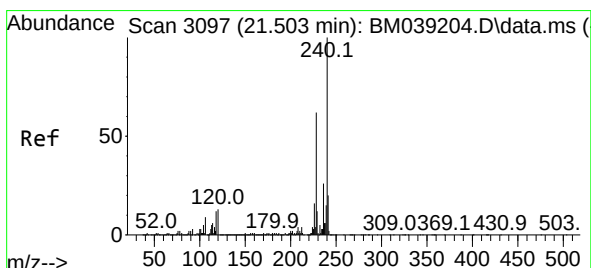
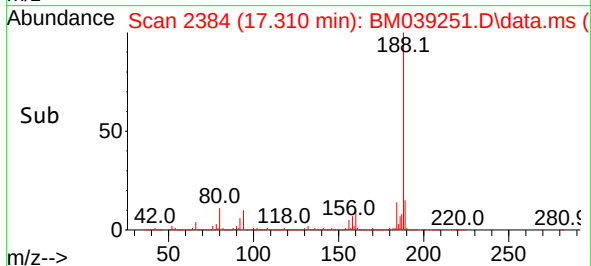
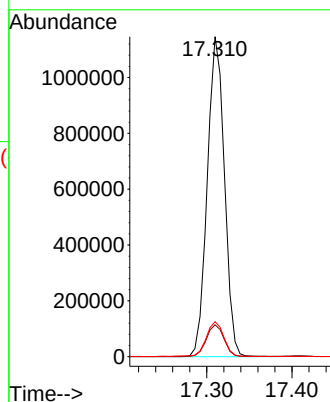
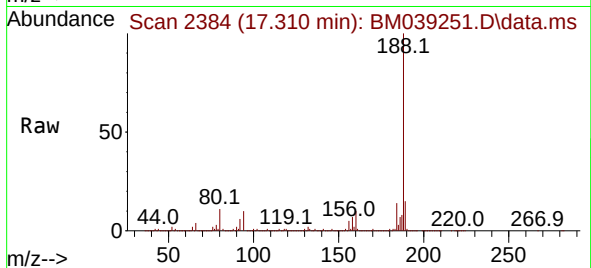
80 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039251.D

Acq: 31 Mar 2023 13:44

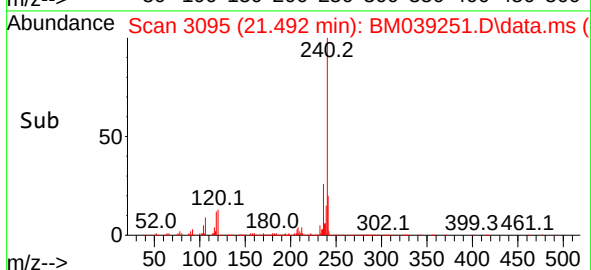
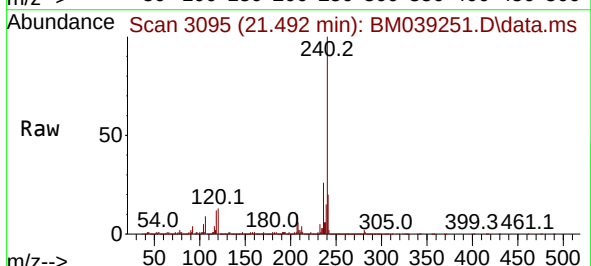
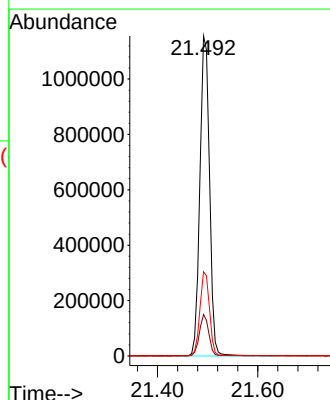
Tgt Ion:240 Resp: 1536034

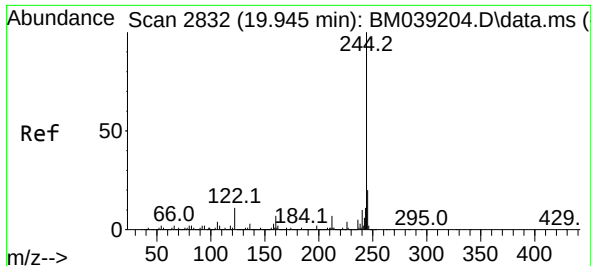
Ion Ratio Lower Upper

240 100

120 13.0 10.2 15.2

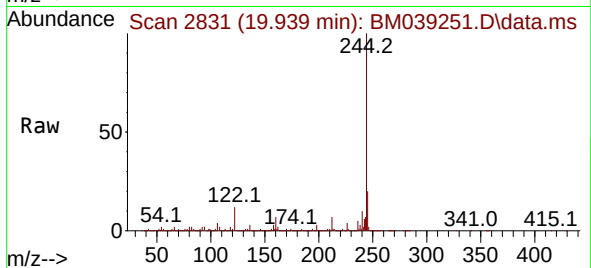
236 26.3 20.9 31.3





#79
 Terphenyl-d14
 Concen: 80.506 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. 0.006 min
 Lab File: BM039251.D
 Acq: 31 Mar 2023 13:44

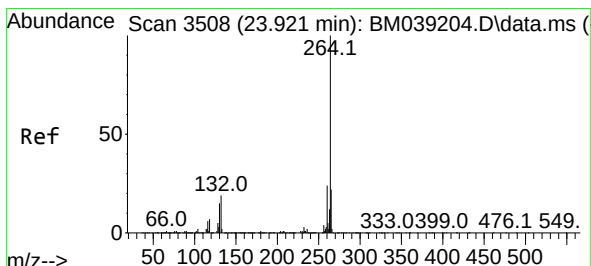
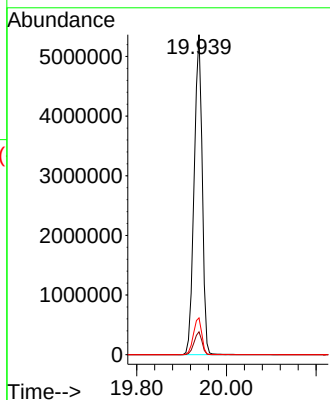
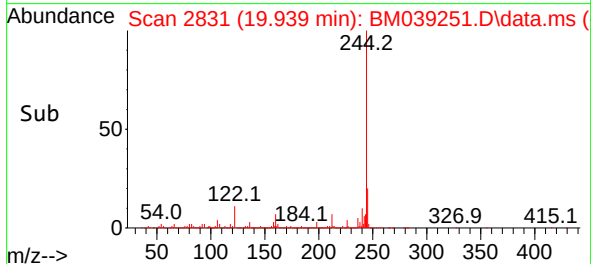
Instrument :
 BNA_M
 ClientSampleId :
 MW-5B



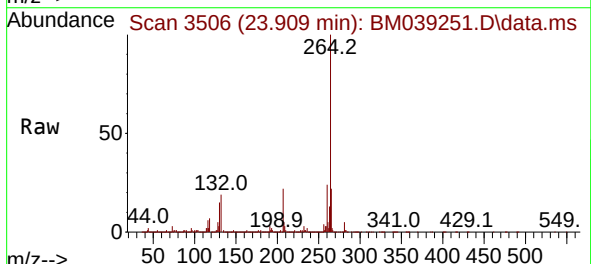
Tgt Ion:244 Resp: 6693130
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.5 9.1 13.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.909 min Scan# 3506
 Delta R.T. 0.006 min
 Lab File: BM039251.D
 Acq: 31 Mar 2023 13:44



Tgt Ion:264 Resp: 1641975
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.9 18.1 27.1

