

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035327.D
 Acq On : 31 May 2022 16:00
 Operator : CG/JU
 Sample : N3056-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 03:48:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	119806	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	452499	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	374605	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	631208	20.000	ng	0.00
76) Chrysene-d12	21.433	240	655973	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	712652	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	467057	71.980	ng	0.00
7) Phenol-d6	7.052	99	362836	43.184	ng	0.00
23) Nitrobenzene-d5	9.034	82	763462	92.878	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	649553	133.661	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2058834	76.216	ng	0.00
79) Terphenyl-d14	19.880	244	3162154	85.420	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.857	122	87957m	16.053	ng	
31) Naphthalene	10.728	128	5565865	252.432	ng	99
37) 2-Methylnaphthalene	12.334	142	818771	52.664	ng	98
38) 1-Methylnaphthalene	12.551	142	717342m	47.200	ng	
71) Phenanthrene	17.292	178	79912	2.464	ng	98
73) Carbazole	17.657	167	175893	5.842	ng	98

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

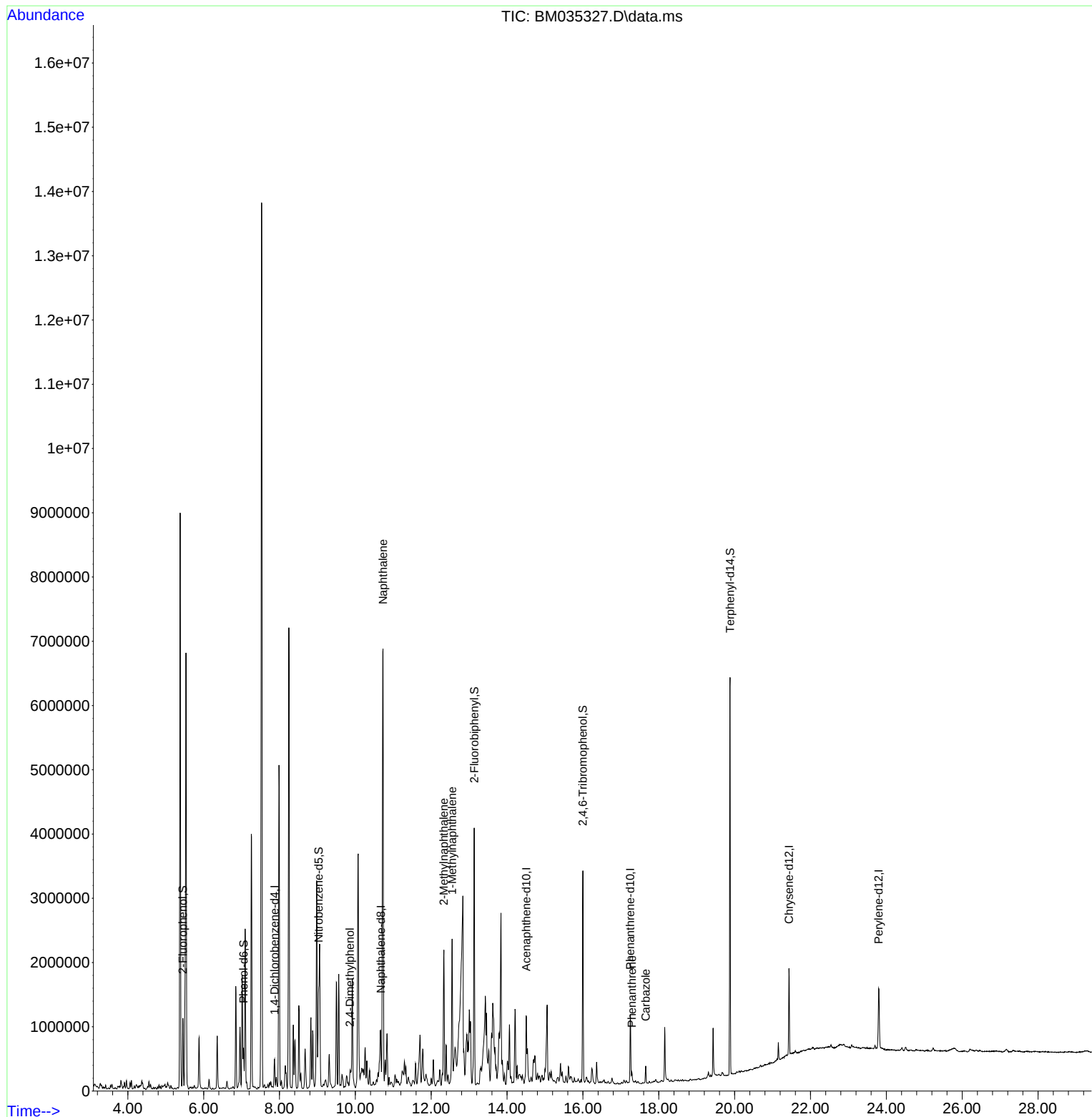
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

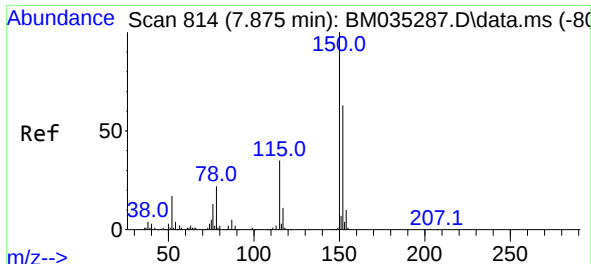
Instrument :
BNA_M
ClientSampleId :
MW-02

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/01/2022
Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 03:48:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration





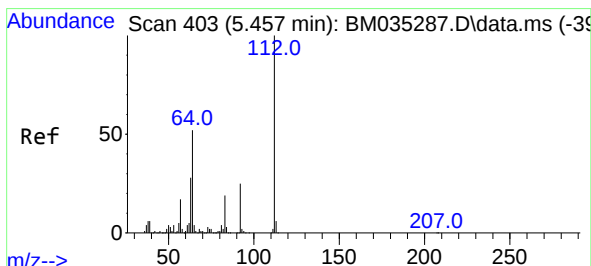
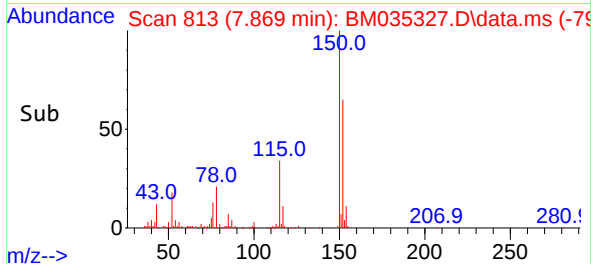
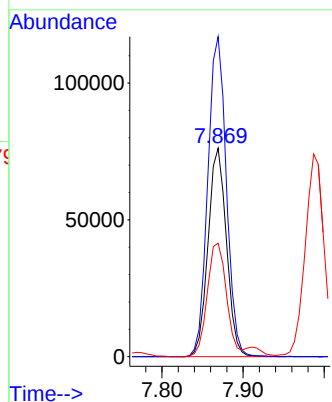
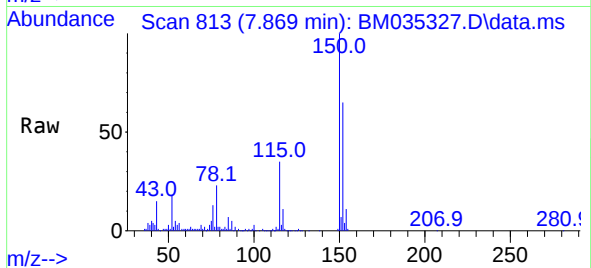
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

Instrument :
BNA_M
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 119800
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 54.4 47.9 71.9

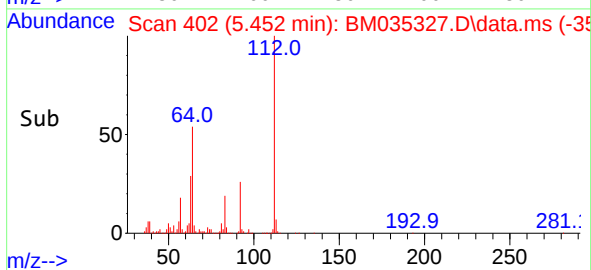
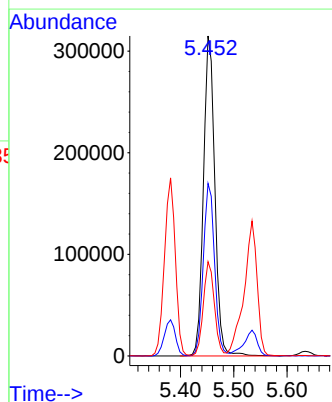
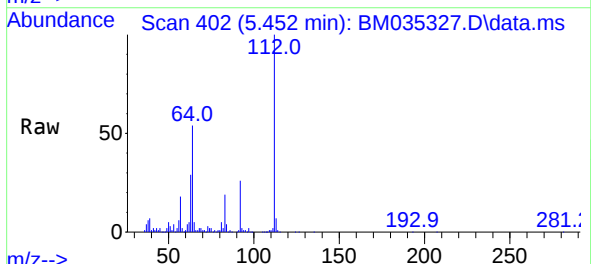
Manual Integrations
APPROVED

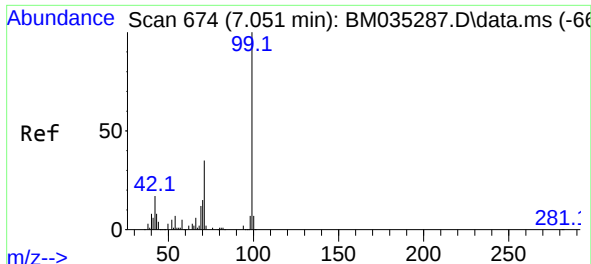
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#5
2-Fluorophenol
Concen: 71.980 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.005 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

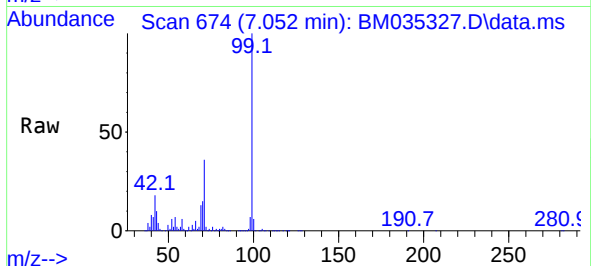
Tgt Ion:112 Resp: 467057
Ion Ratio Lower Upper
112 100
64 53.9 47.8 71.6
63 29.5 26.6 40.0





#7
Phenol-d6
Concen: 43.184 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

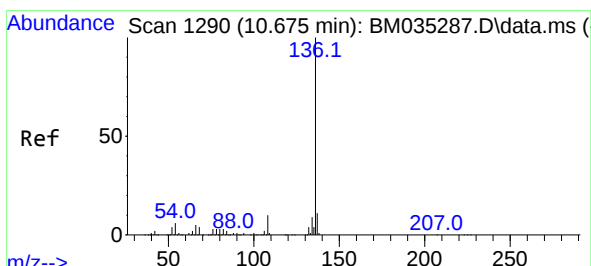
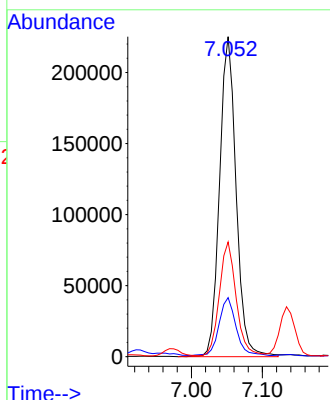
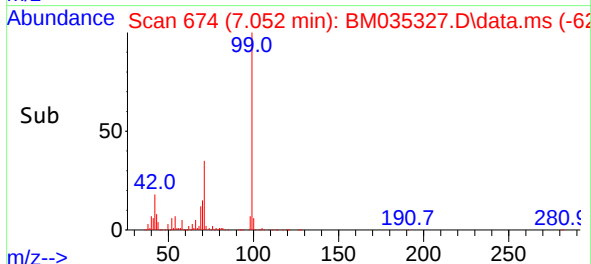
Instrument :
BNA_M
ClientSampleId :
MW-02



Tgt Ion: 99 Resp: 362830
Ion Ratio Lower Upper
99 100
42 18.5 18.8 28.2
71 35.9 30.2 45.2

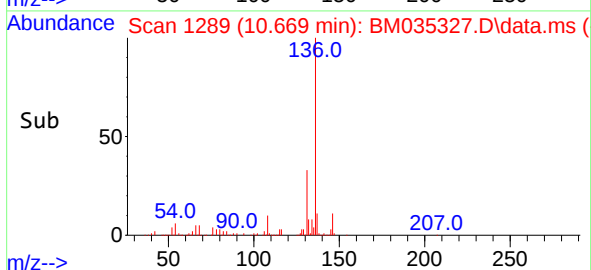
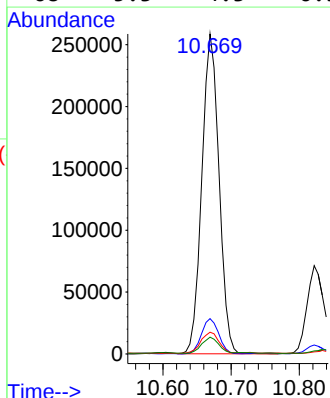
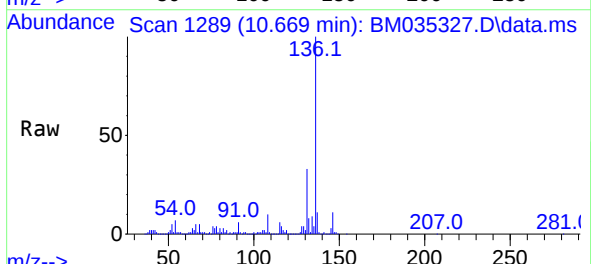
Manual Integrations
APPROVED

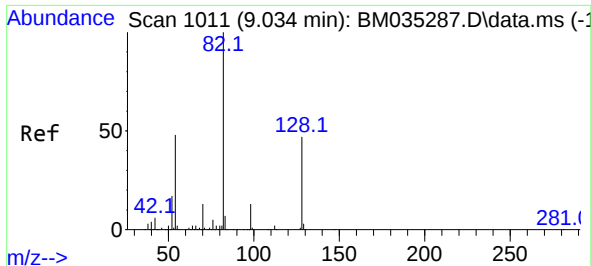
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

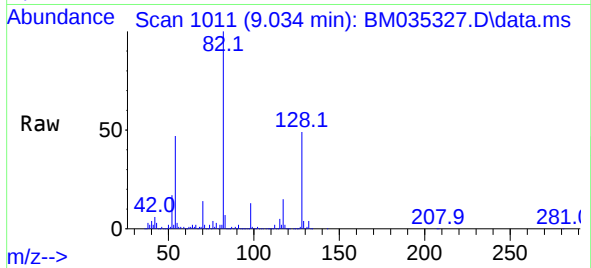
Tgt Ion:136 Resp: 452499
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 7.0 10.4
68 5.3 4.3 6.5





#23
Nitrobenzene-d5
Concen: 92.878 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

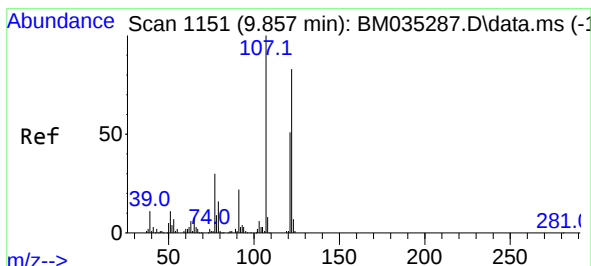
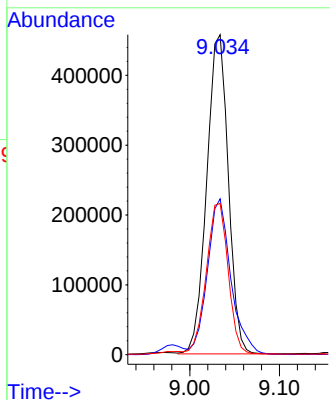
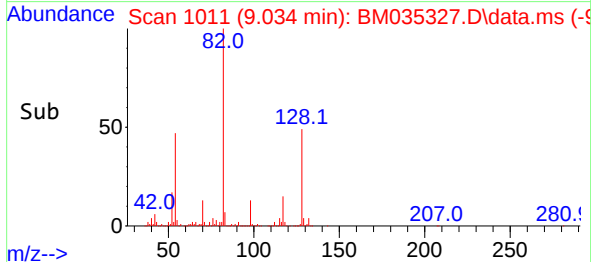
Instrument :
BNA_M
ClientSampleId :
MW-02



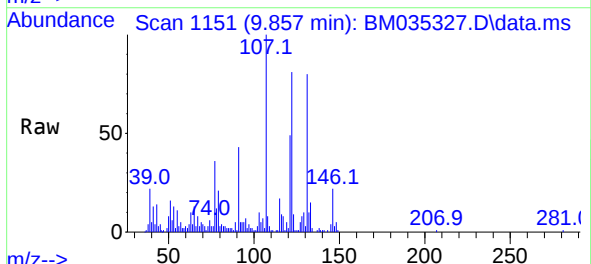
Tgt Ion: 82 Resp: 763462
Ion Ratio Lower Upper
82 100
128 48.7 33.7 50.5
54 47.3 43.2 64.8

Manual Integrations
APPROVED

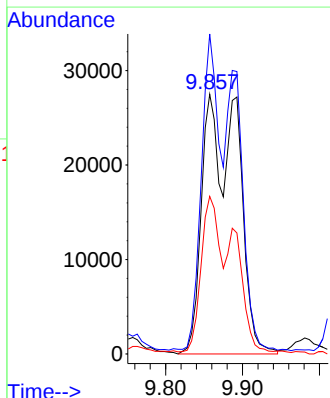
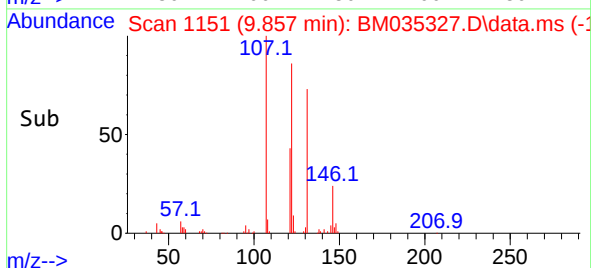
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

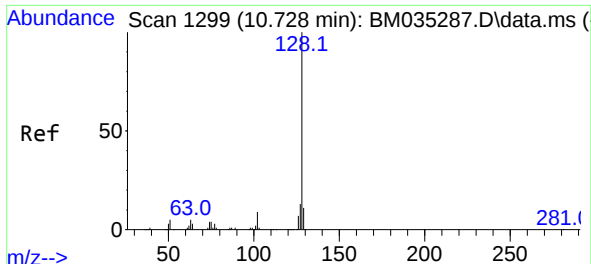


#27
2,4-Dimethylphenol
Concen: 16.053 ng m
RT: 9.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00



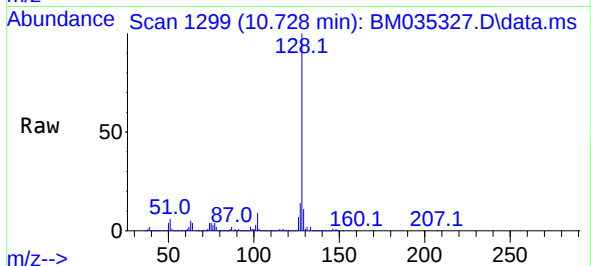
Tgt Ion:122 Resp: 87957
Ion Ratio Lower Upper
122 100
107 123.3 92.4 138.6
121 60.7 47.4 71.0





#31
Naphthalene
Concen: 252.432 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

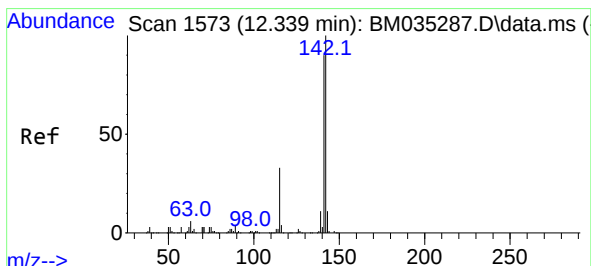
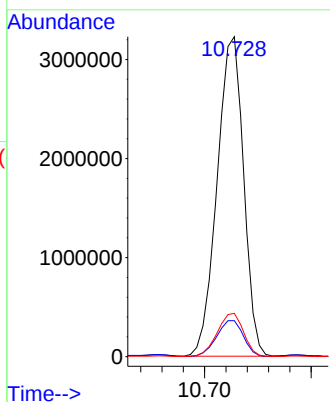
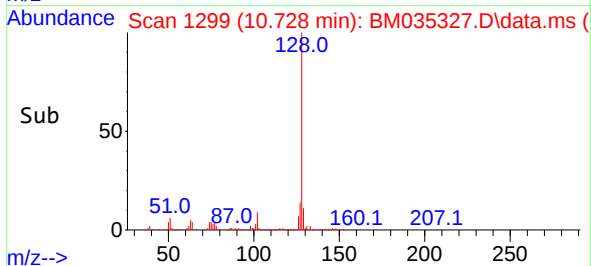
Instrument :
BNA_M
ClientSampleId :
MW-02



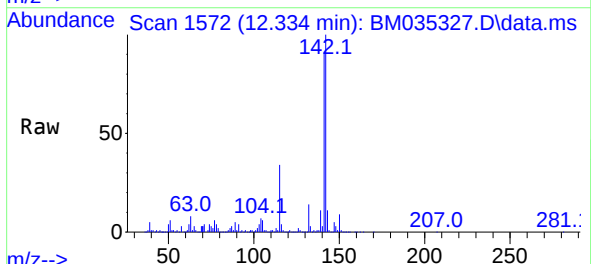
Tgt Ion:128 Resp: 556586
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.6 16.0

Manual Integrations
APPROVED

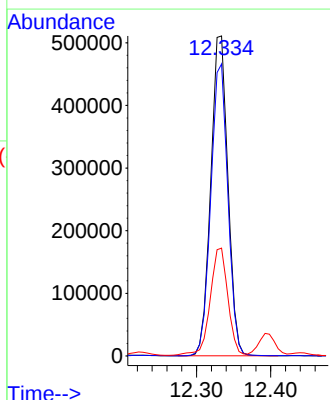
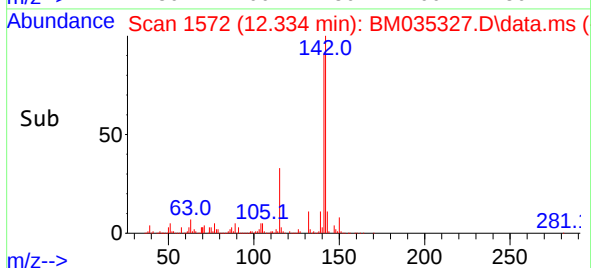
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

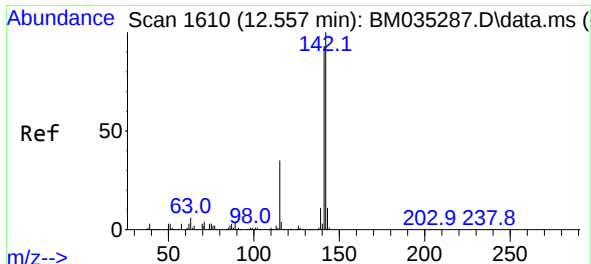


#37
2-Methylnaphthalene
Concen: 52.664 ng
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00



Tgt Ion:142 Resp: 818771
Ion Ratio Lower Upper
142 100
141 91.2 72.4 108.6
115 33.7 29.6 44.4





#38

1-Methylnaphthalene

Concen: 47.200 ng m

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035327.D

Acq: 31 May 2022 16:00

Instrument :

BNA_M

ClientSampleId :

MW-02

Tgt Ion:142 Resp: 71734

Ion Ratio Lower Upper

142 100

141 94.6 75.0 112.4

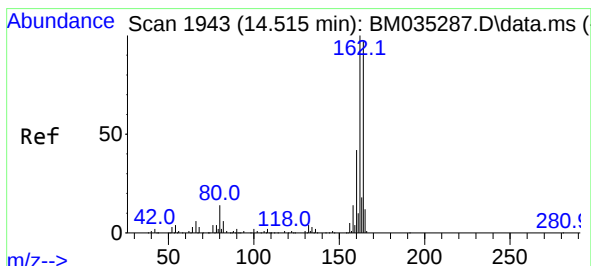
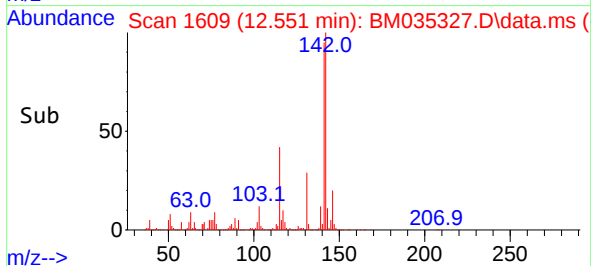
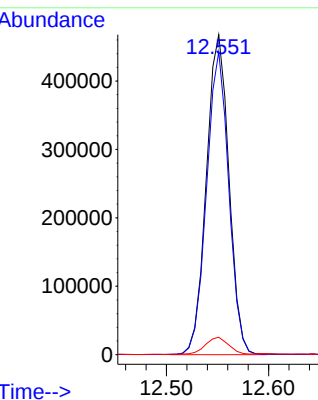
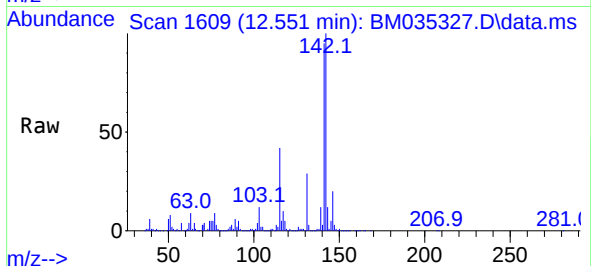
116 5.5 3.4 5.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/01/2022

Supervised By :Jagrut Upadhyay 06/01/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.011 min

Lab File: BM035327.D

Acq: 31 May 2022 16:00

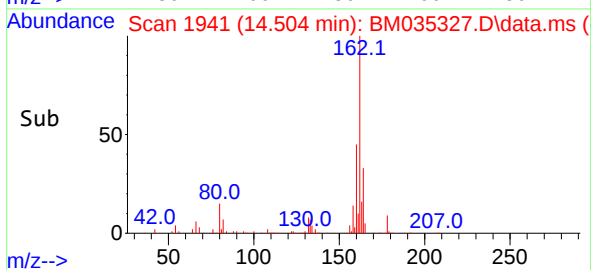
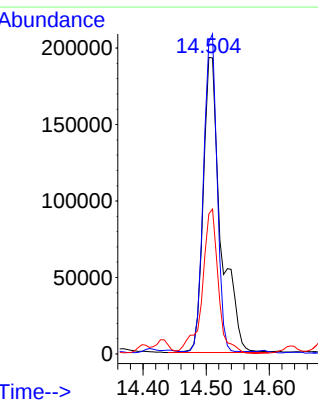
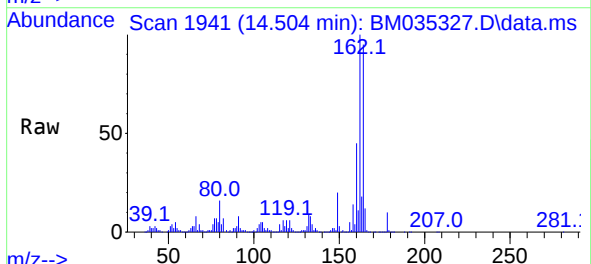
Tgt Ion:164 Resp: 374605

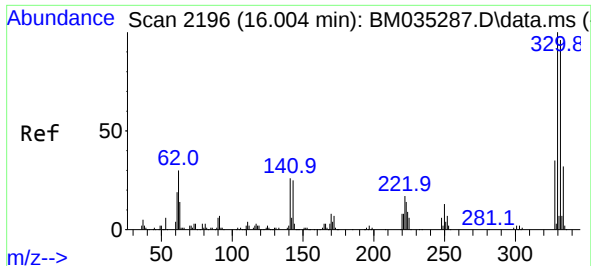
Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

160 47.3 37.0 55.4





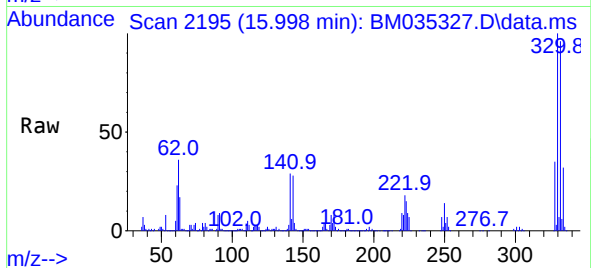
#42
2,4,6-Tribromophenol
Concen: 133.661 ng
RT: 15.998 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

Instrument :

BNA_M

ClientSampleId :

MW-02

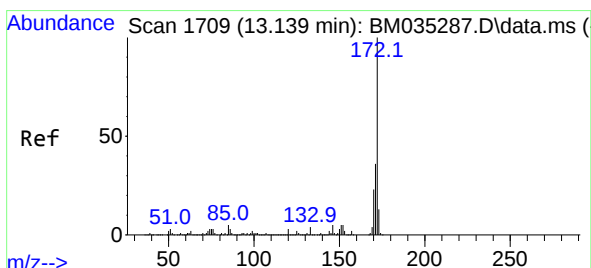
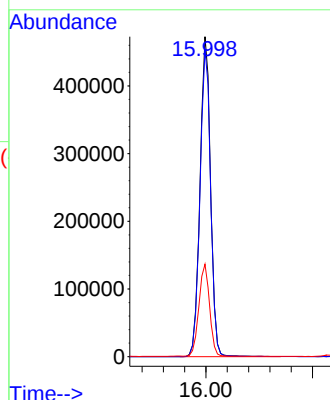
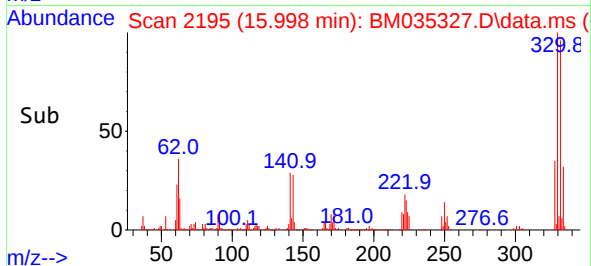


Tgt Ion:330 Resp: 64955
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 29.3 35.3 52.9

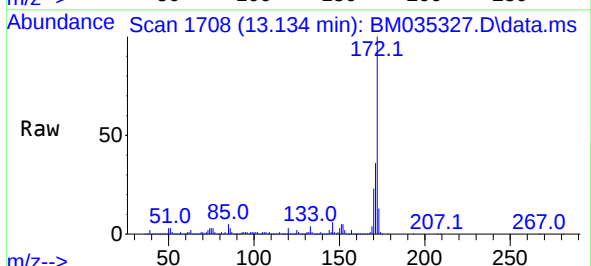
Manual Integrations

APPROVED

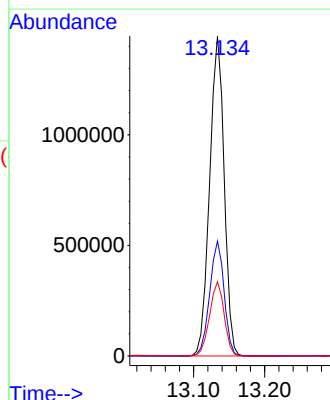
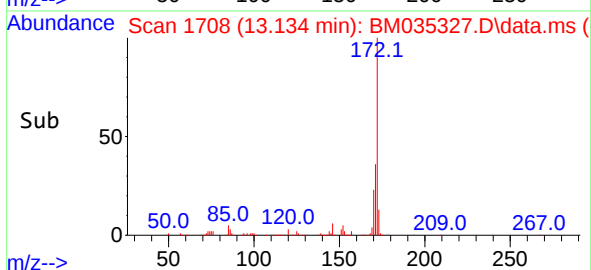
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

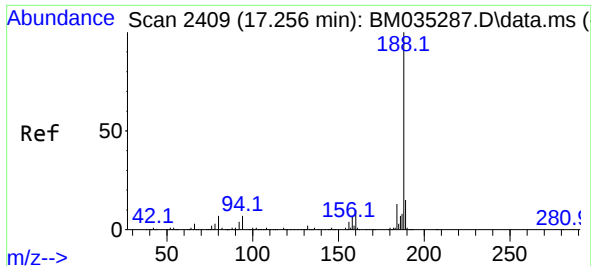


#45
2-Fluorobiphenyl
Concen: 76.216 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.005 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00



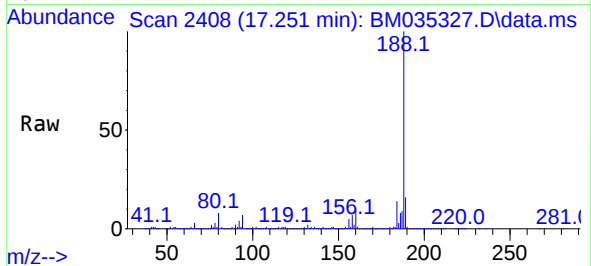
Tgt Ion:172 Resp: 2058834
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

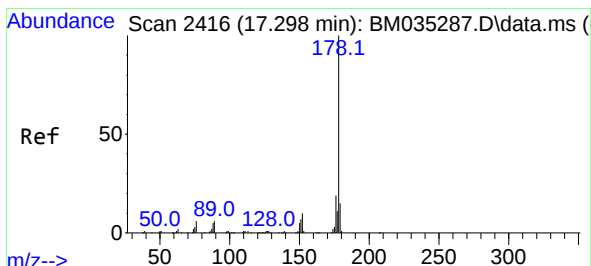
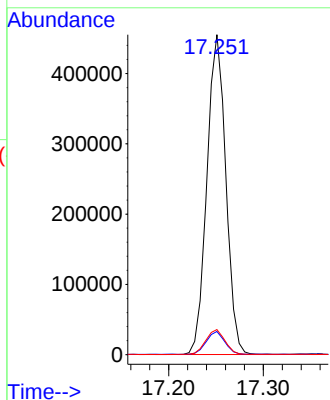
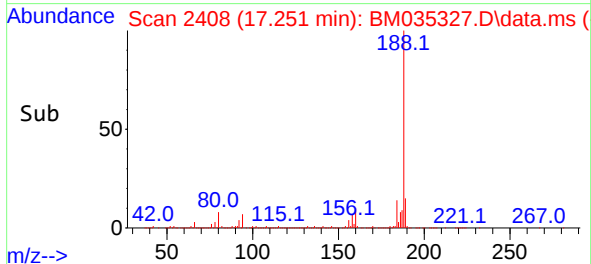
Instrument :
BNA_M
ClientSampleId :
MW-02



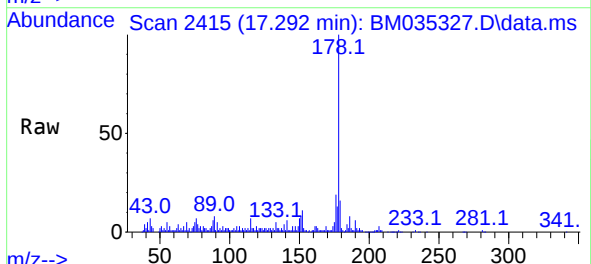
Tgt Ion:188 Resp: 631208
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.9 7.6 11.4

Manual Integrations
APPROVED

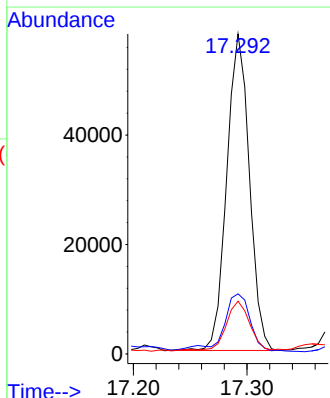
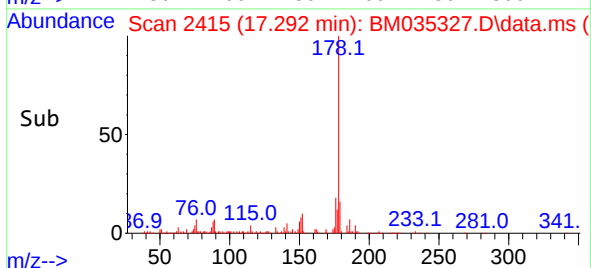
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

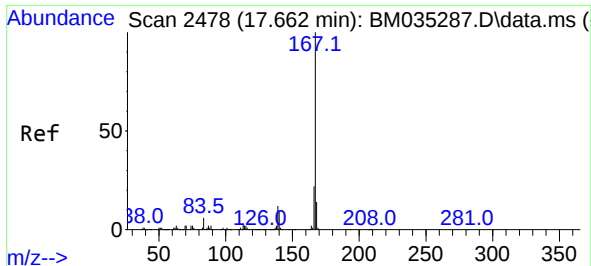


#71
Phenanthrene
Concen: 2.464 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00



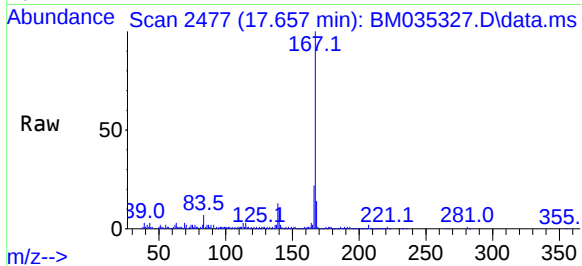
Tgt Ion:178 Resp: 79912
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 16.5 12.4 18.6





#73
 Carbazole
 Concen: 5.842 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM035327.D
 Acq: 31 May 2022 16:00

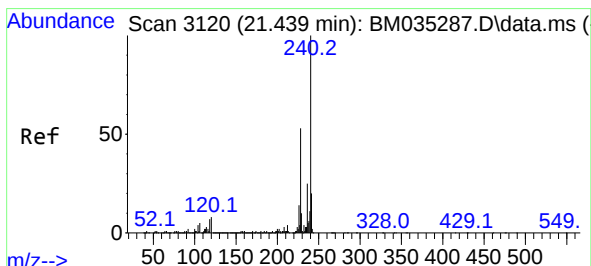
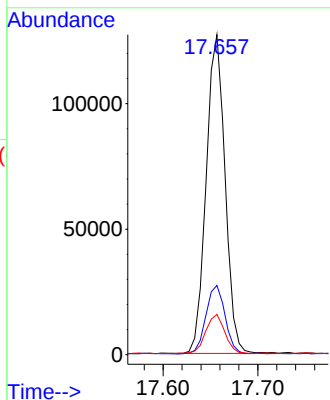
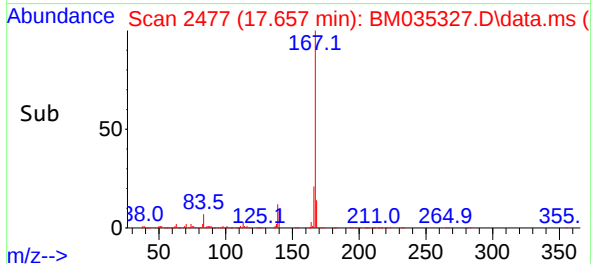
Instrument :
 BNA_M
 ClientSampleId :
 MW-02



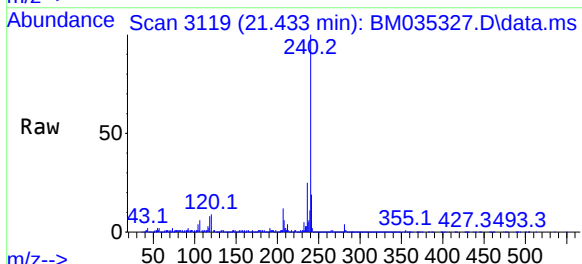
Tgt Ion:167 Resp: 17589
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.6 10.9 16.3

Manual Integrations
 APPROVED

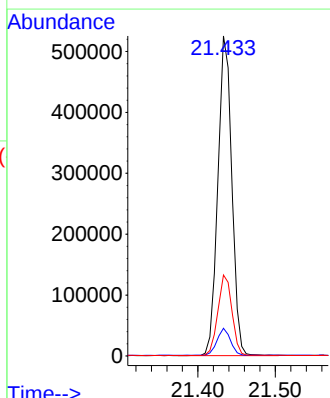
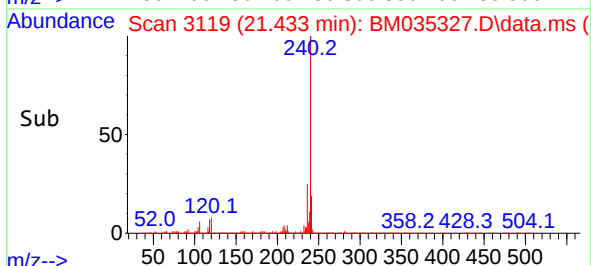
Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022

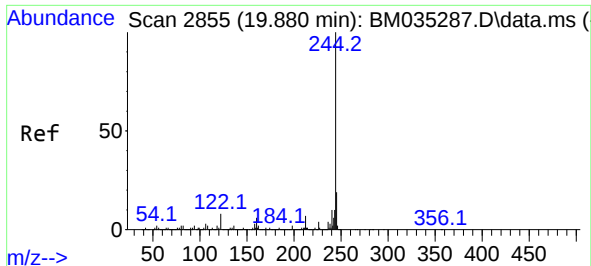


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BM035327.D
 Acq: 31 May 2022 16:00



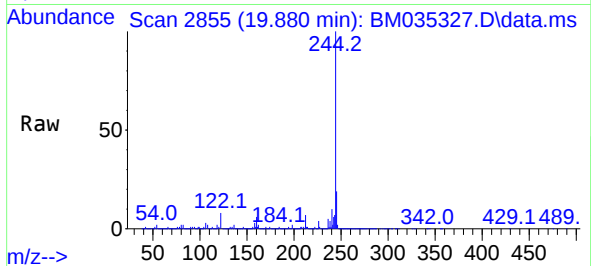
Tgt Ion:240 Resp: 655973
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.4 14.0#
 236 25.3 20.6 30.8





#79
Terphenyl-d14
Concen: 85.420 ng
RT: 19.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00

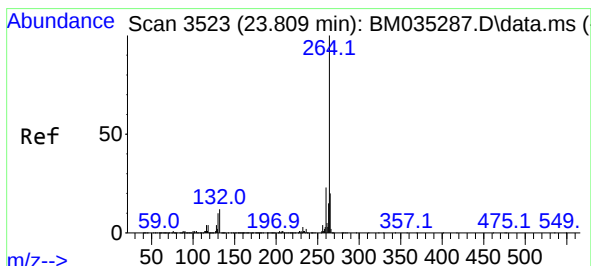
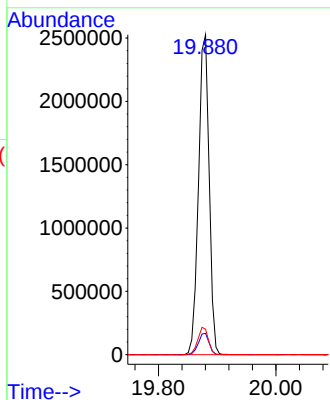
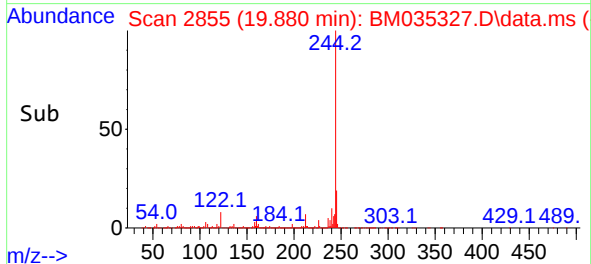
Instrument :
BNA_M
ClientSampleId :
MW-02



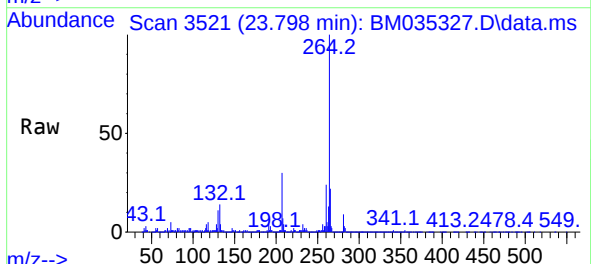
Tgt Ion:244 Resp: 3162154
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.4
122 8.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. -0.011 min
Lab File: BM035327.D
Acq: 31 May 2022 16:00



Tgt Ion:264 Resp: 712652
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.4 17.5 26.3

