

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036158.D
 Acq On : 08 Aug 2022 23:40
 Operator : CG/JU
 Sample : N3961-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-180

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/09/2022
 Supervised By :Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 00:20:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:36:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	264808	20.00	ng	0.00
21) Naphthalene-d8	10.645	136	1050862	20.00	ng	0.00
39) Acenaphthene-d10	14.486	164	586111	20.00	ng	0.00
64) Phenanthrene-d10	17.227	188	1152366	20.00	ng	0.00
76) Chrysene-d12	21.403	240	1090186	20.00	ng	-0.02
86) Perylene-d12	23.762	264	1149656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1763559	107.97	ng	0.00
7) Phenol-d6	7.051	99	2155689	103.72	ng	-0.01
23) Nitrobenzene-d5	9.016	82	1310809	69.82	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	752089	109.38	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2784704	70.15	ng	0.00
79) Terphenyl-d14	19.851	244	3734677	67.57	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.286	202	235516	3.58	ng	99
78) Pyrene	19.645	202	306494	4.53	ng	99
88) Benzo(b)fluoranthene	23.044	252	219393m	3.26	ng	
90) Benzo(a)pyrene	23.656	252	154246	2.73	ng	# 95

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

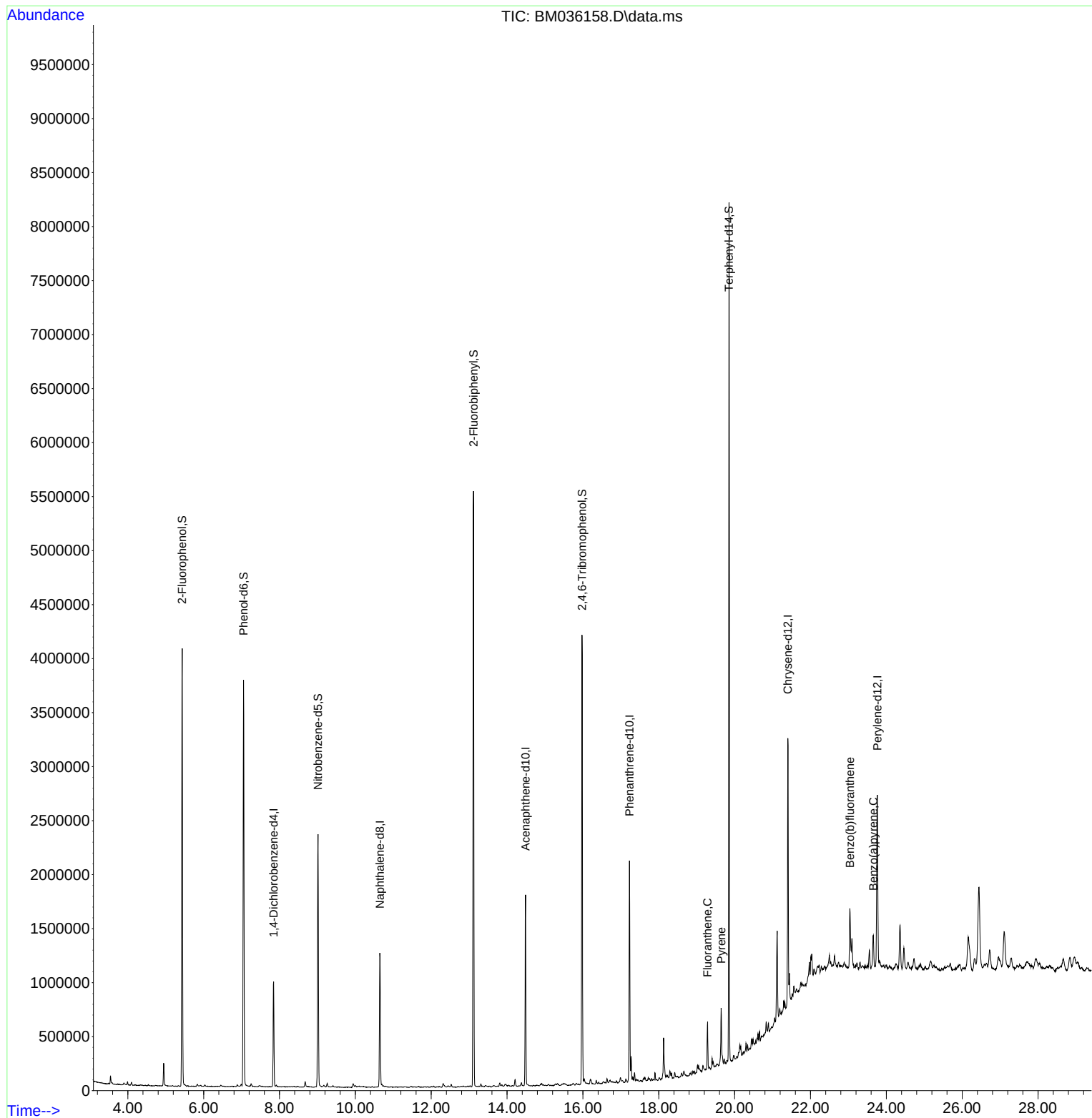
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036158.D
Acq On : 08 Aug 2022 23:40
Operator : CG/JU
Sample : N3961-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

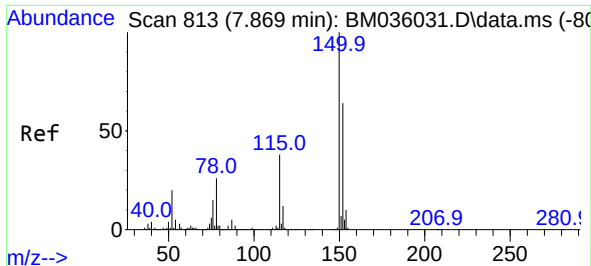
Instrument :
BNA_M
ClientSampleId :
RVE-180

Quant Time: Aug 09 00:20:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

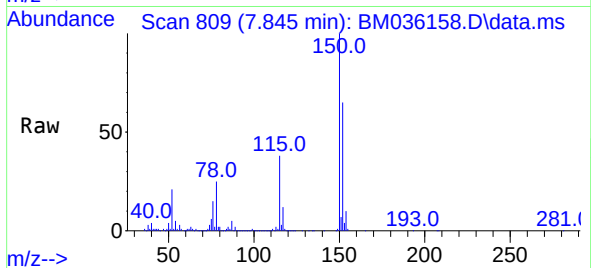
Reviewed By : Christian Giraldo 08/09/2022
Supervised By : Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

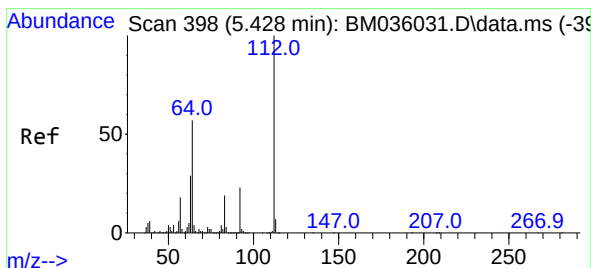
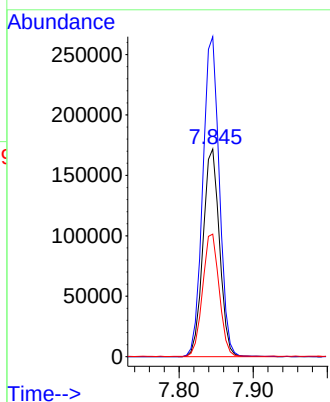
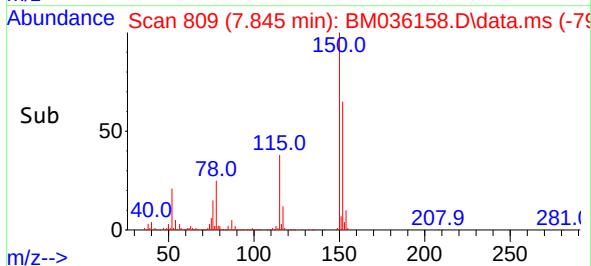
Instrument :
BNA_M
ClientSampleId :
RVE-180



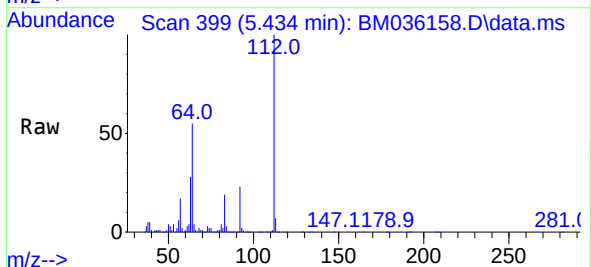
Tgt Ion:152 Resp: 264808
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 59.0 47.9 71.9

Manual Integrations
APPROVED

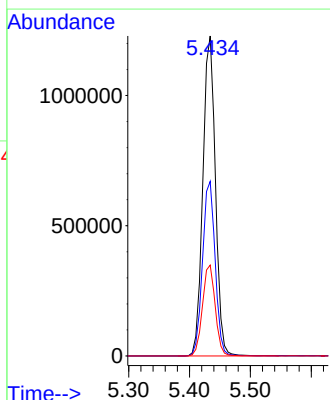
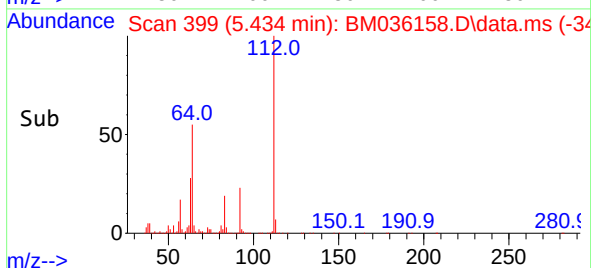
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

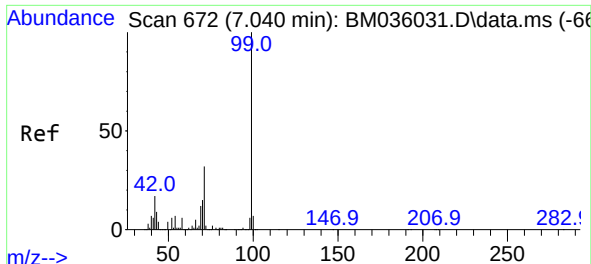


#5
2-Fluorophenol
Concen: 107.97 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40



Tgt Ion:112 Resp: 1763559
Ion Ratio Lower Upper
112 100
64 54.6 47.8 71.6
63 28.4 26.6 40.0





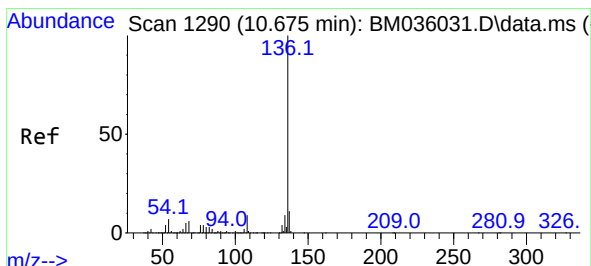
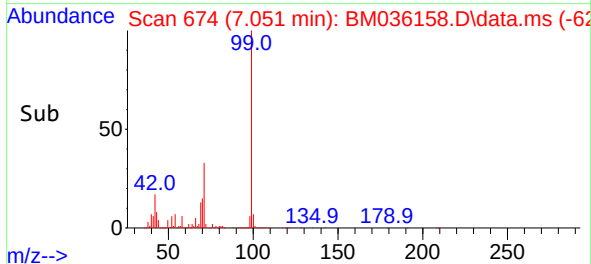
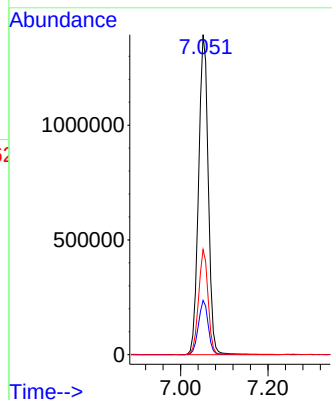
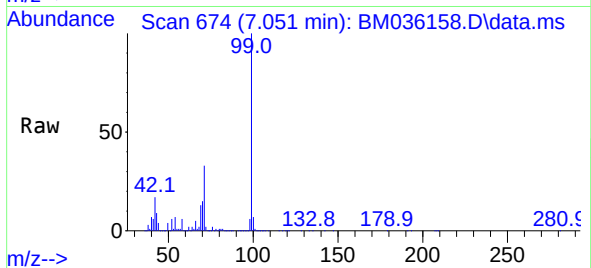
#7
Phenol-d6
Concen: 103.72 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Instrument :
BNA_M
ClientSampleId :
RVE-180

Tgt Ion: 99 Resp: 2155689
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2
71 32.9 30.2 45.2

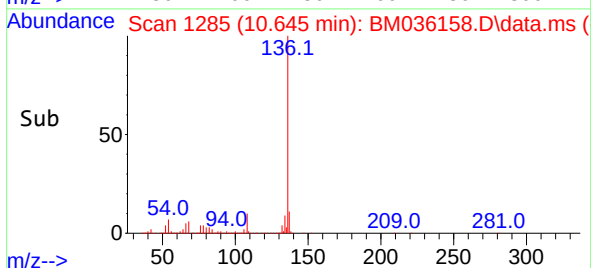
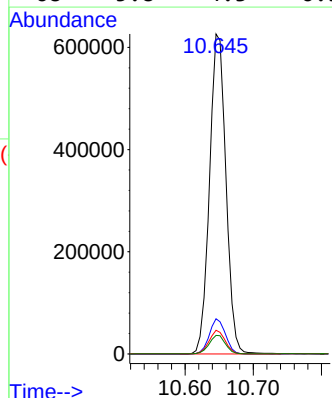
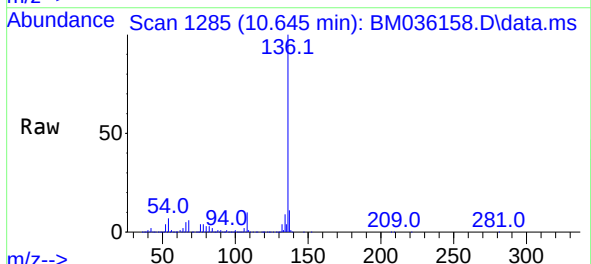
Manual Integrations
APPROVED

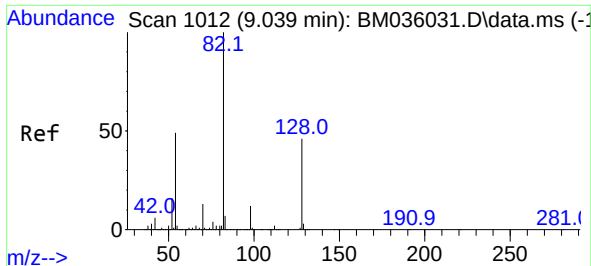
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

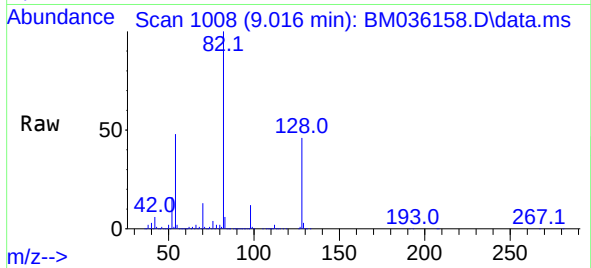
Tgt Ion:136 Resp: 1050862
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5





#23
Nitrobenzene-d5
Concen: 69.82 ng
RT: 9.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

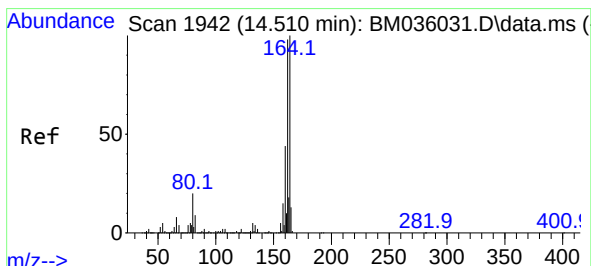
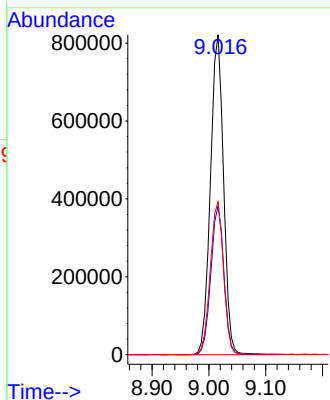
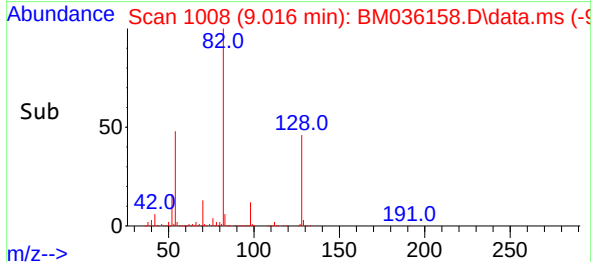
Instrument :
BNA_M
ClientSampleId :
RVE-180



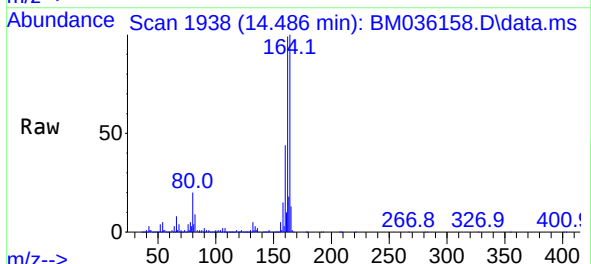
Tgt Ion: 82 Resp: 1310809
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 47.8 43.2 64.8

Manual Integrations
APPROVED

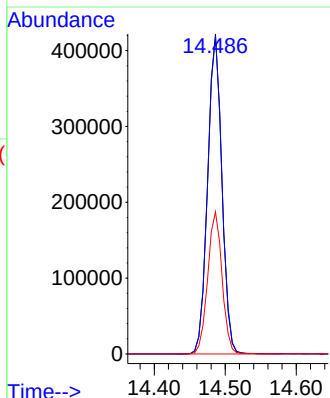
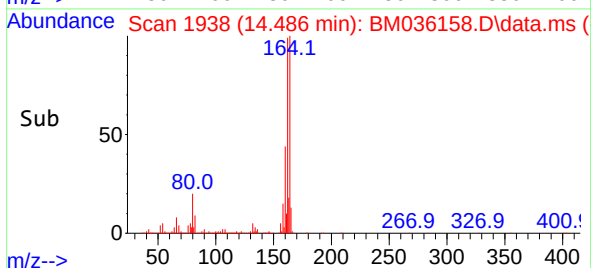
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

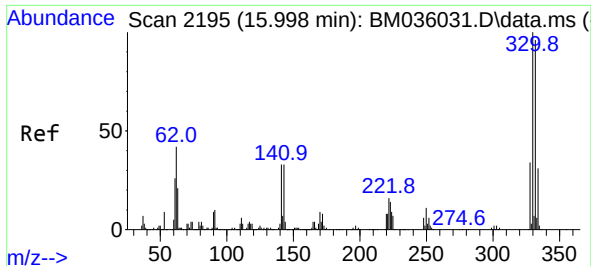


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40



Tgt Ion:164 Resp: 586111
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.4 37.0 55.4





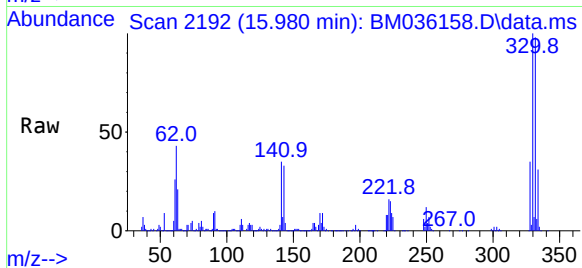
#42
2,4,6-Tribromophenol
Concen: 109.38 ng
RT: 15.980 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Instrument :

BNA_M

ClientSampleId :

RVE-180

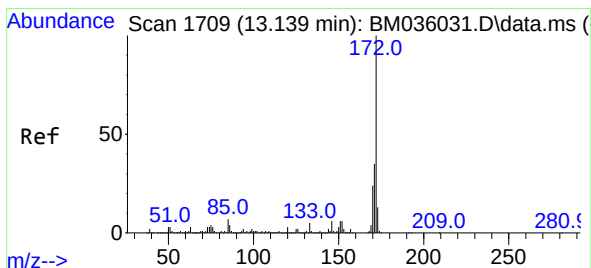
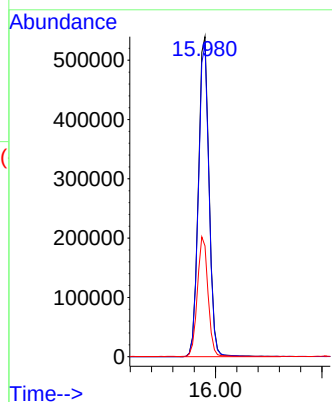
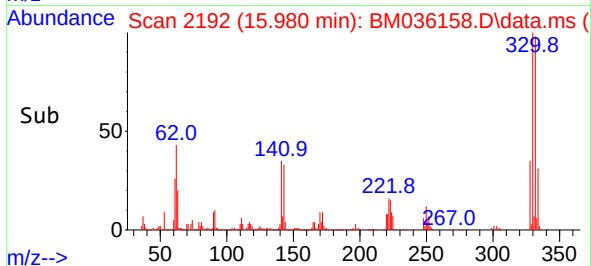


Tgt Ion:330 Resp: 752089
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 37.3 35.3 52.9

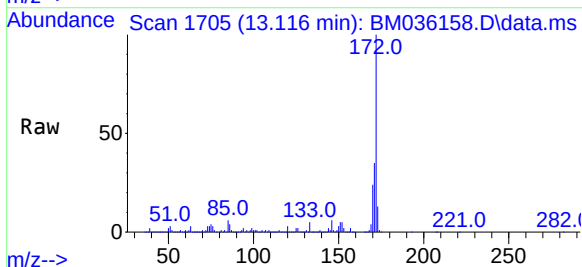
Manual Integrations

APPROVED

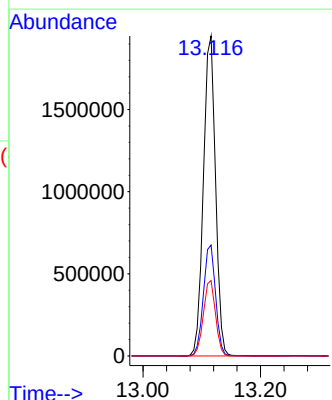
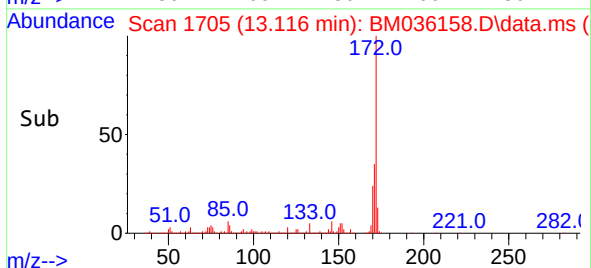
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

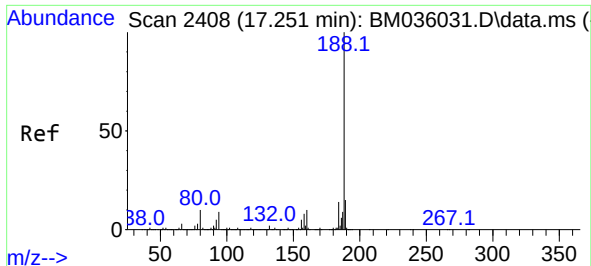


#45
2-Fluorobiphenyl
Concen: 70.15 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40



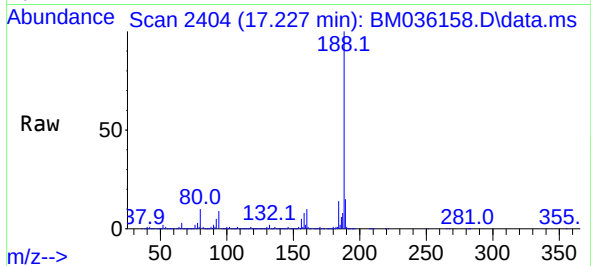
Tgt Ion:172 Resp: 2784704
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.227 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

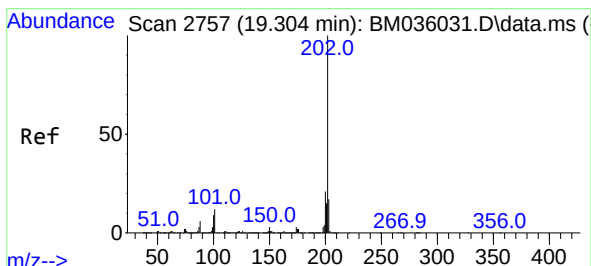
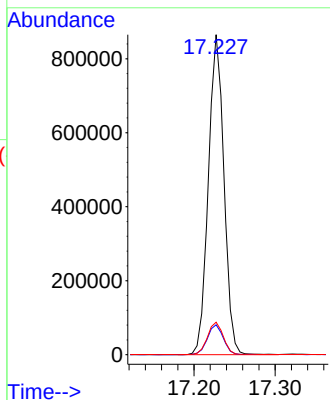
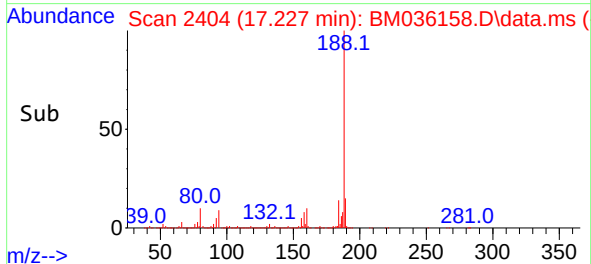
Instrument :
BNA_M
ClientSampleId :
RVE-180



Tgt Ion:188 Resp: 1152360
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.2 7.6 11.4

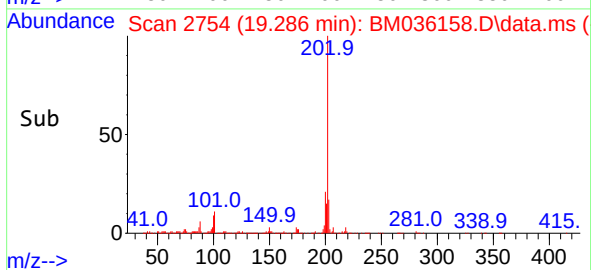
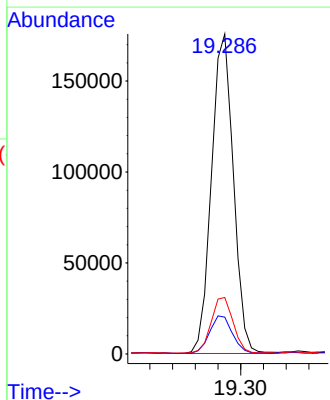
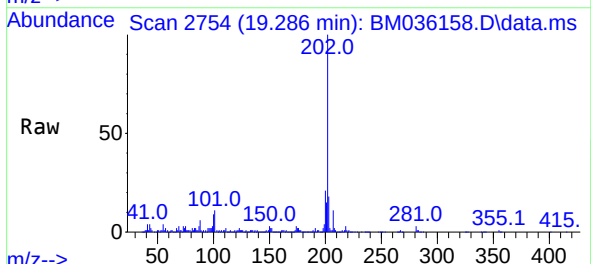
Manual Integrations
APPROVED

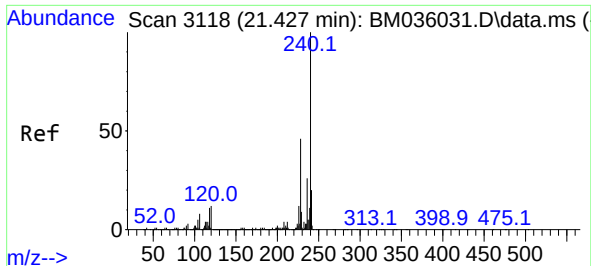
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#75
Fluoranthene
Concen: 3.58 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

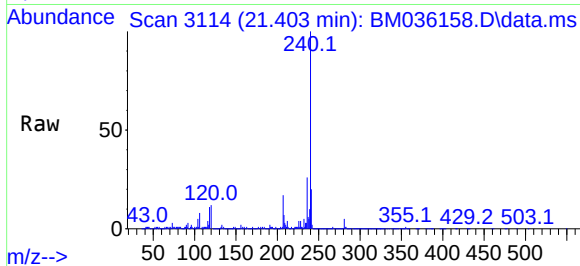
Tgt Ion:202 Resp: 235516
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.6
203 17.7 0.0 37.4





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.403 min Scan# 3118
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

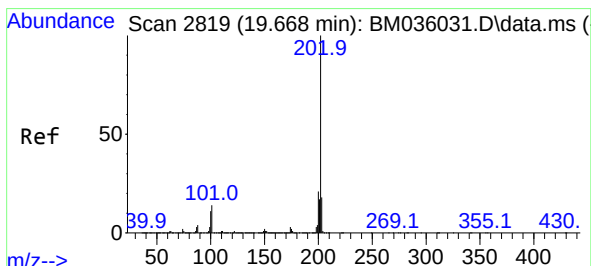
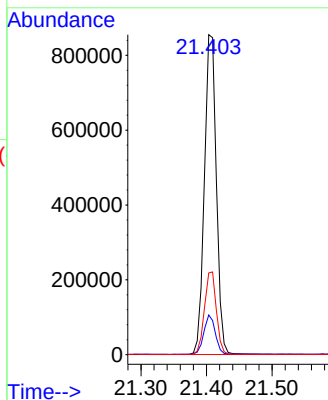
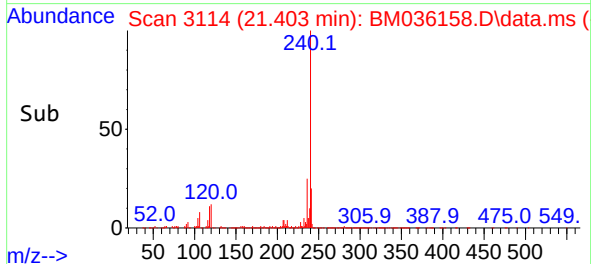
Instrument :
BNA_M
ClientSampleId :
RVE-180



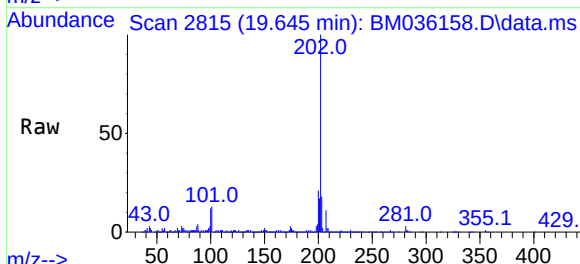
Tgt Ion:240 Resp: 1090180
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.0
236 25.6 20.6 30.8

Manual Integrations
APPROVED

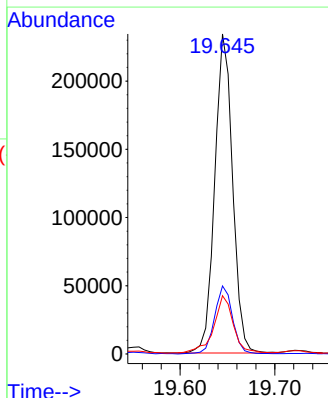
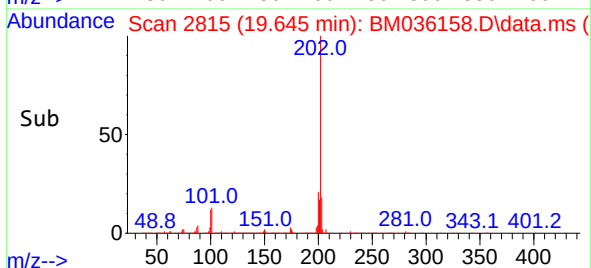
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

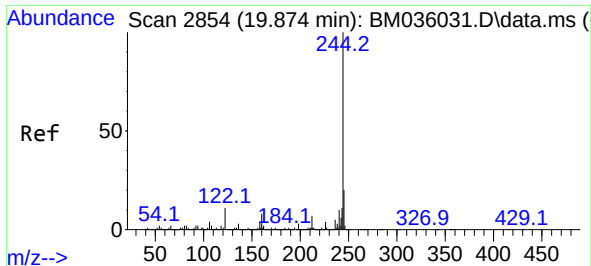


#78
Pyrene
Concen: 4.53 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40



Tgt Ion:202 Resp: 306494
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.2 13.9 20.9





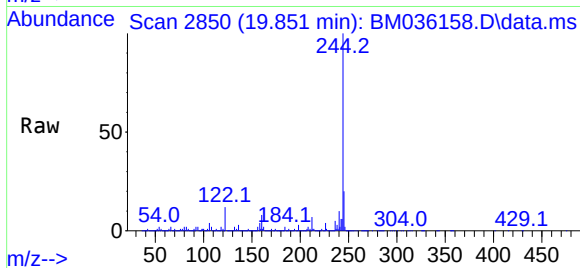
#79
Terphenyl-d14
Concen: 67.57 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Instrument :

BNA_M

ClientSampleId :

RVE-180

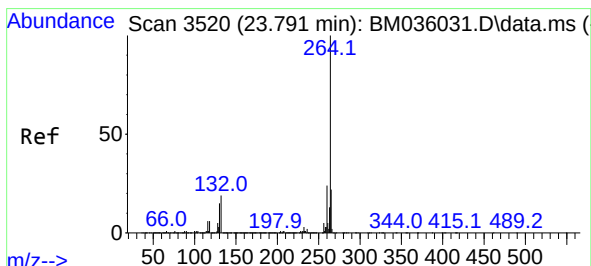
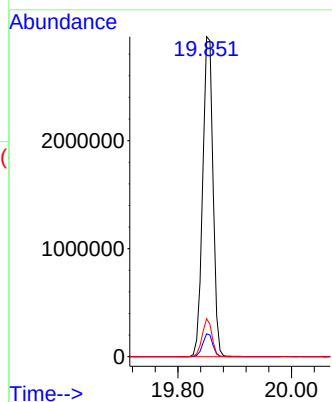
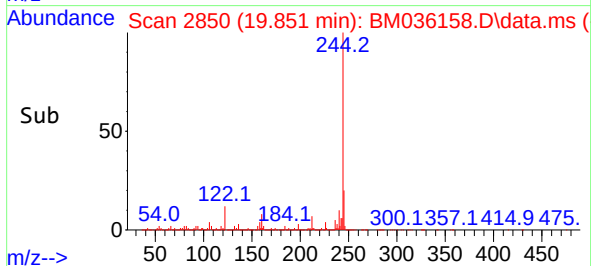


Tgt Ion:244 Resp: 373467
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.9 8.3 12.5

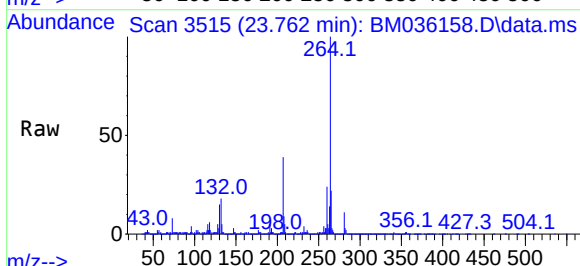
Manual Integrations

APPROVED

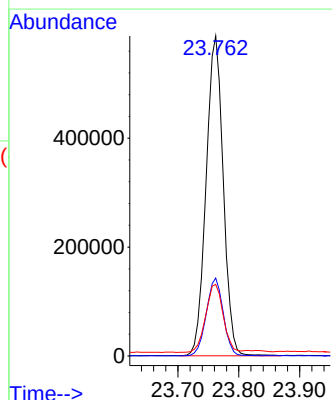
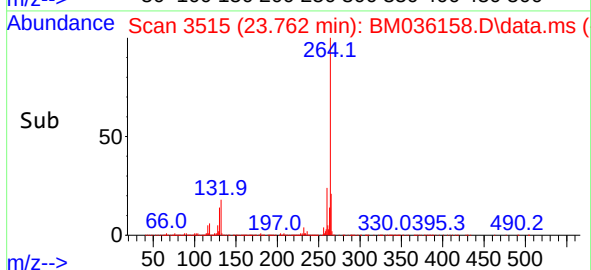
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

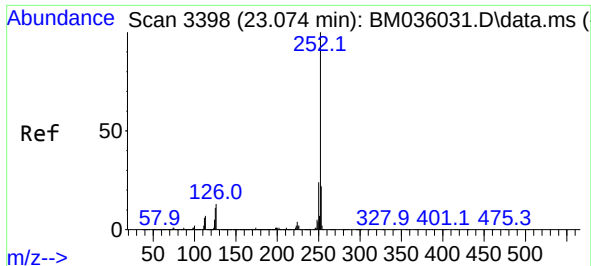


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40



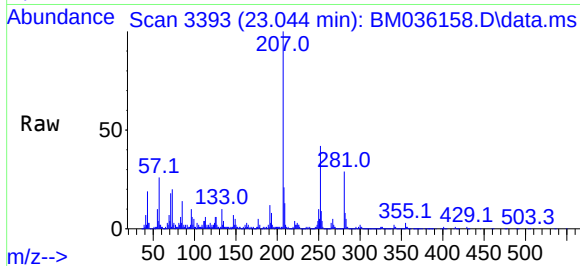
Tgt Ion:264 Resp: 1149656
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.4 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 3.26 ng m
RT: 23.044 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

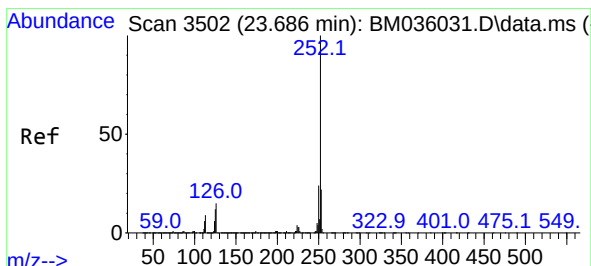
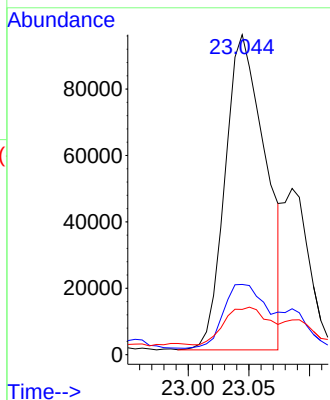
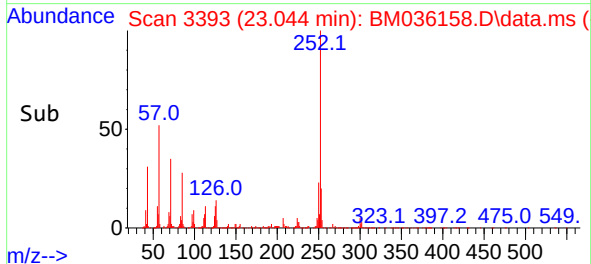
Instrument :
BNA_M
ClientSampleId :
RVE-180



Tgt Ion:252 Resp: 21939
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 14.2 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#90
Benzo(a)pyrene
Concen: 2.73 ng
RT: 23.656 min Scan# 3497
Delta R.T. -0.017 min
Lab File: BM036158.D
Acq: 08 Aug 2022 23:40

Tgt Ion:252 Resp: 154246
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 14.9 8.7 13.1#

