

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036138.D
 Acq On : 06 Aug 2022 02:44
 Operator : CG/JU
 Sample : N3960-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-164

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 03:32:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	273476	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1112713	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	637719	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1246786	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1139173	20.000	ng	0.00
86) Perylene-d12	23.780	264	1207923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1405649	83.332	ng	0.02
7) Phenol-d6	7.069	99	1761357	82.063	ng	0.04
23) Nitrobenzene-d5	9.028	82	1107739	55.727	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	671406	89.745	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	2502675	57.943	ng	0.00
79) Terphenyl-d14	19.862	244	3491257	60.450	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.292	202	220643	3.103	ng	96
78) Pyrene	19.656	202	337265	4.774	ng	99
83) Chrysene	21.450	228	186860	2.802	ng	97
88) Benzo(b)fluoranthene	23.056	252	239304	3.381	ng #	91
90) Benzo(a)pyrene	23.668	252	184655	3.110	ng #	88

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

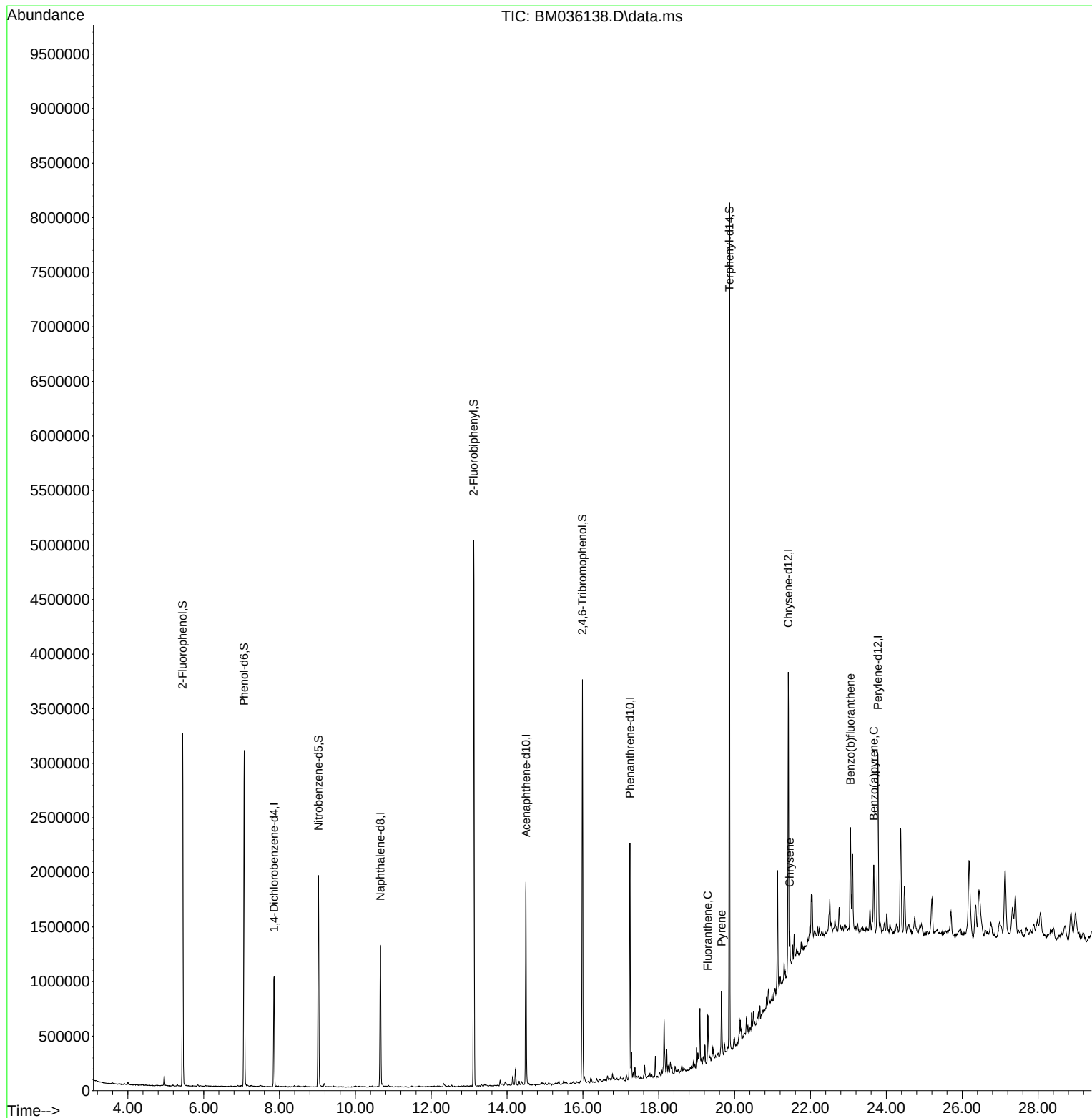
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036138.D
Acq On : 06 Aug 2022 02:44
Operator : CG/JU
Sample : N3960-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

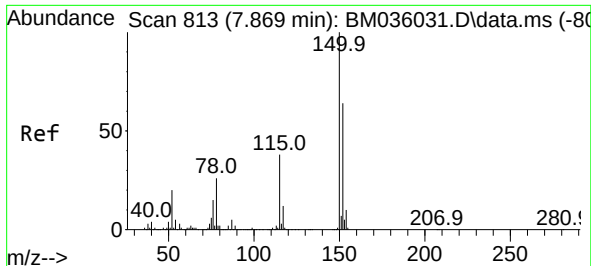
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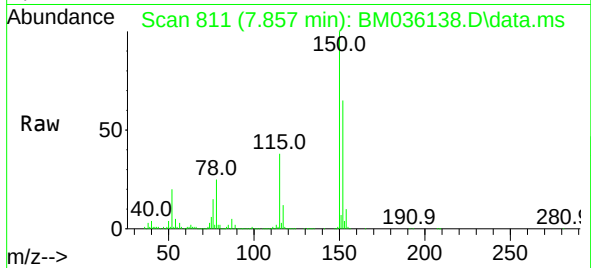
Quant Time: Aug 06 03:32:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

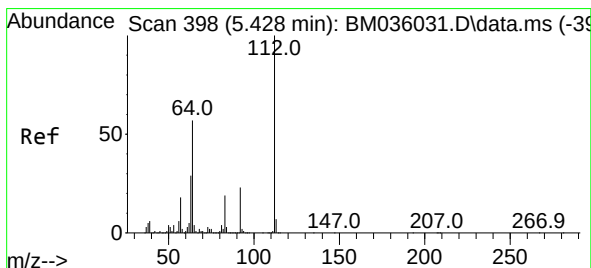
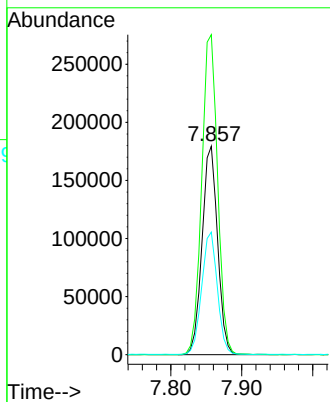
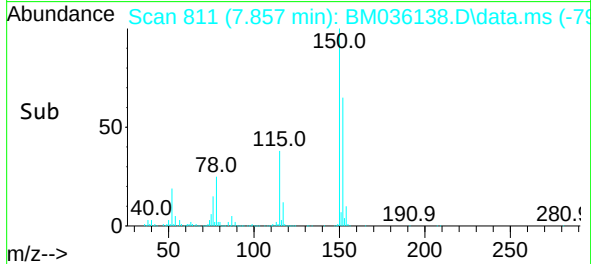
Instrument :
BNA_M
ClientSampleId :
RVE-164



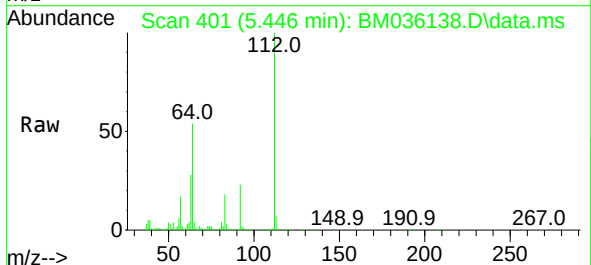
Tgt Ion:152 Resp: 273470
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 58.8 47.9 71.9

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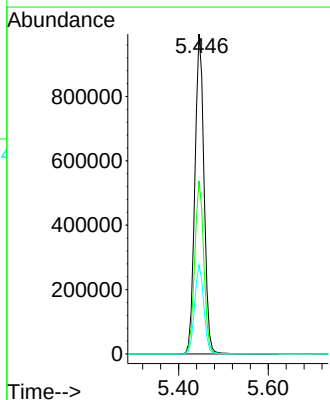
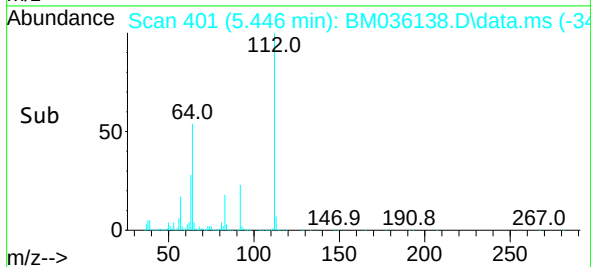
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

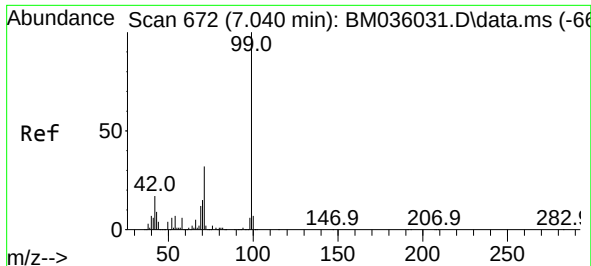


#5
2-Fluorophenol
Concen: 83.332 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44



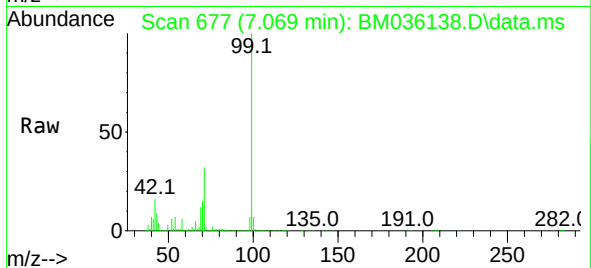
Tgt Ion:112 Resp: 1405649
Ion Ratio Lower Upper
112 100
64 54.0 47.8 71.6
63 27.8 26.6 40.0





#7
Phenol-d6
Concen: 82.063 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

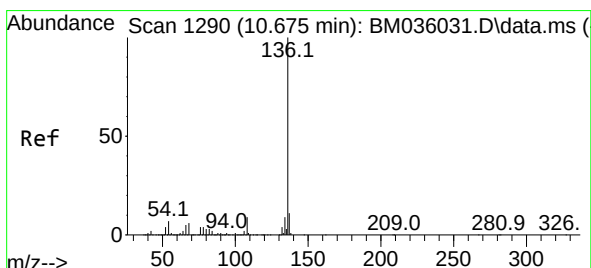
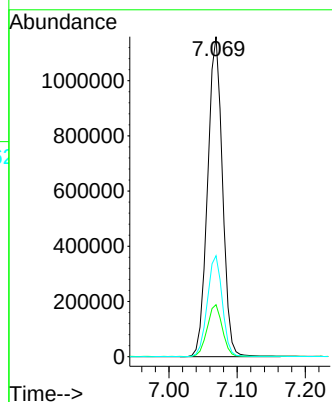
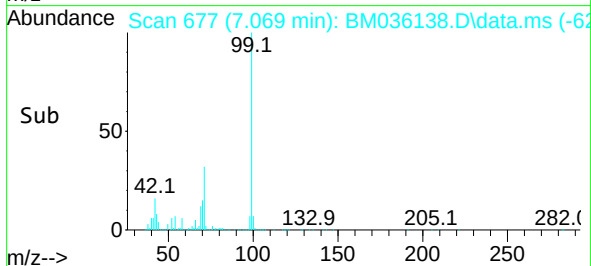
Instrument :
BNA_M
ClientSampleId :
RVE-164



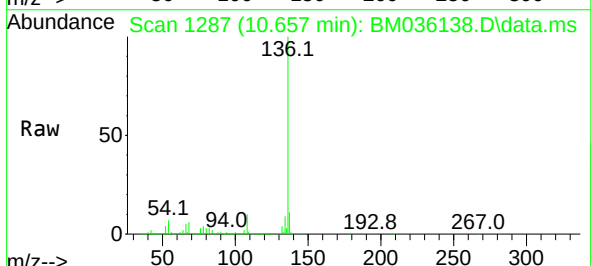
Tgt Ion: 99 Resp: 176135
Ion Ratio Lower Upper
99 100
42 16.2 18.8 28.2
71 31.5 30.2 45.2

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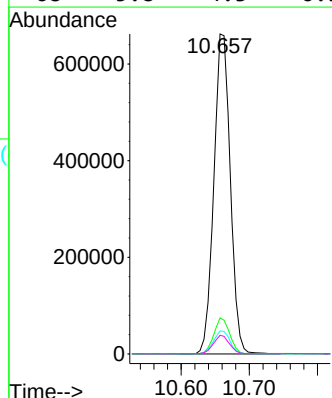
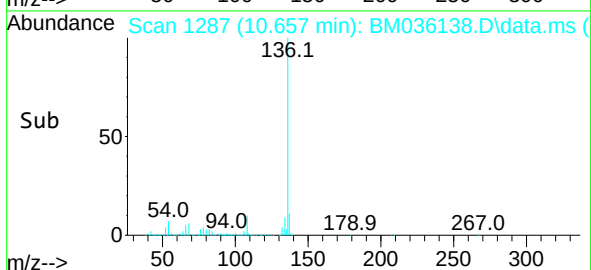
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

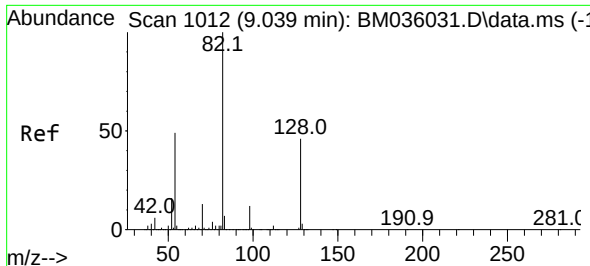


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44



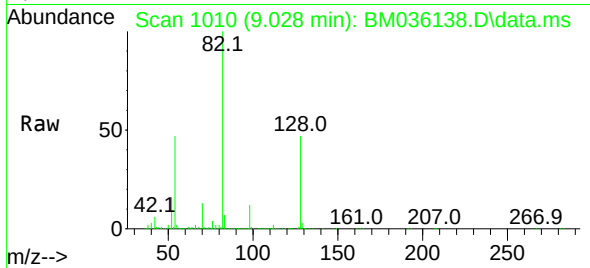
Tgt Ion:136 Resp: 1112713
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 7.0 10.4
68 5.8 4.3 6.5





#23
Nitrobenzene-d5
Concen: 55.727 ng
RT: 9.028 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

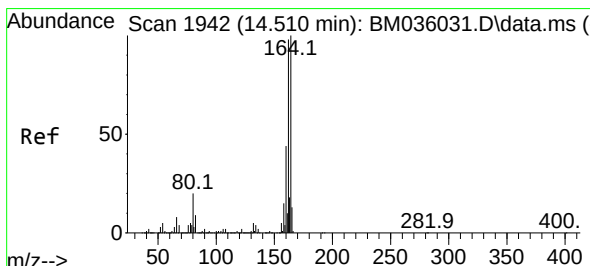
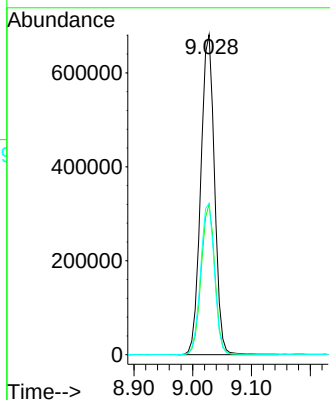
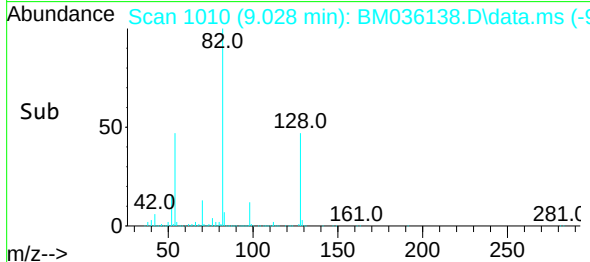
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 1107739
Ion Ratio Lower Upper
82 100
128 47.0 33.7 50.5
54 47.3 43.2 64.8

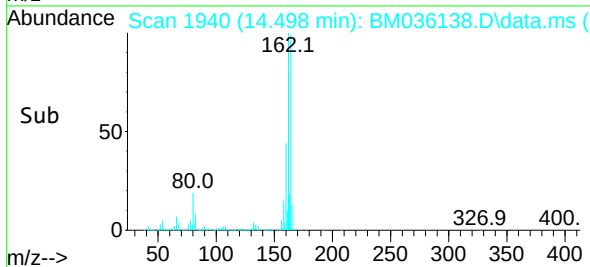
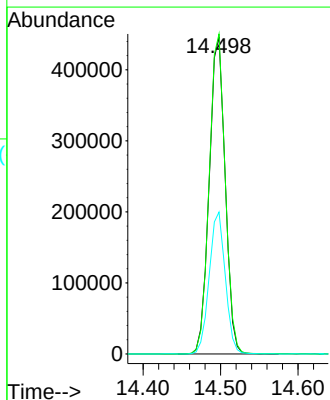
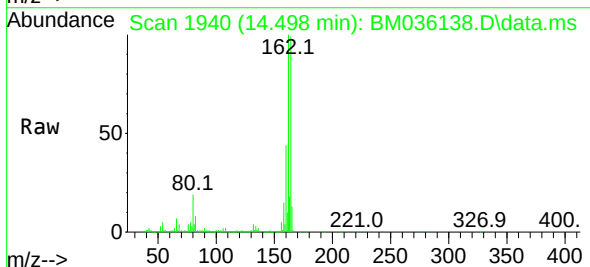
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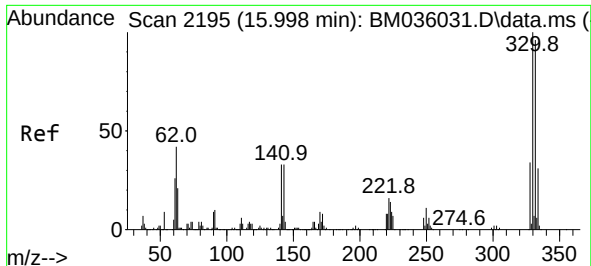
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

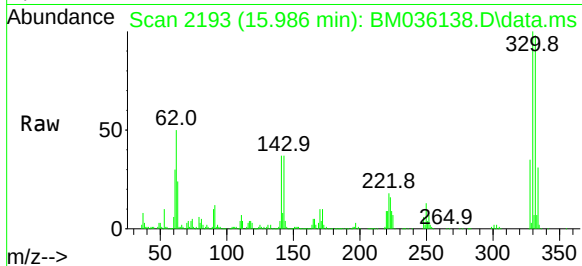
Tgt Ion:164 Resp: 637719
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.8 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 89.745 ng
RT: 15.986 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

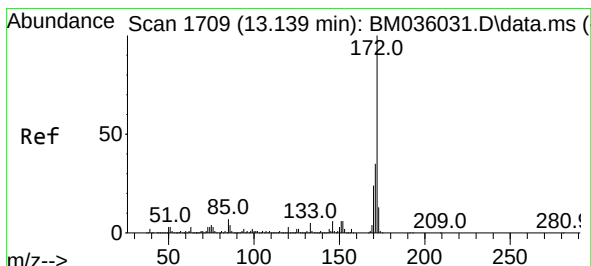
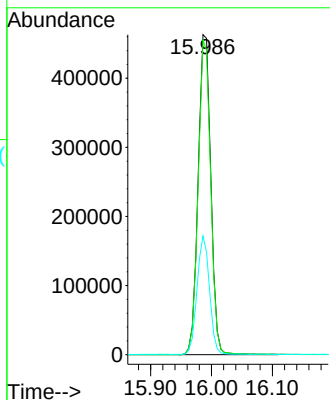
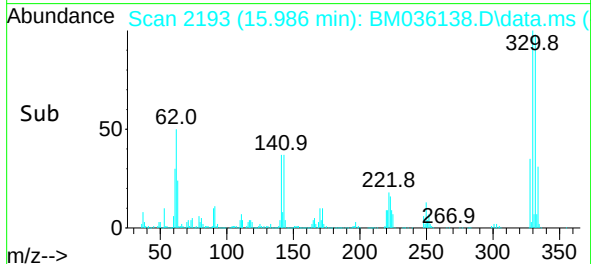
Instrument :
BNA_M
ClientSampleId :
RVE-164



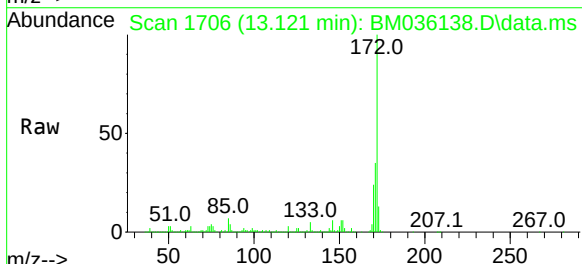
Tgt Ion:330 Resp: 671400
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.1 35.3 52.9

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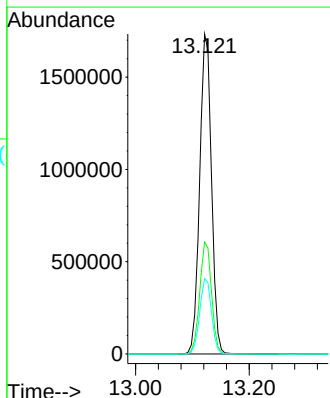
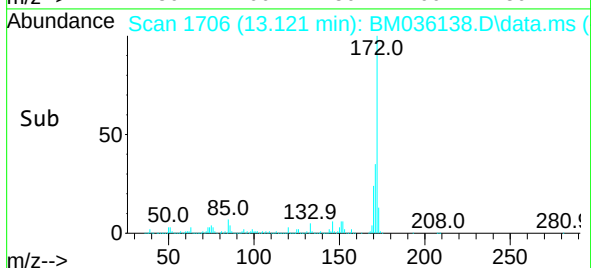
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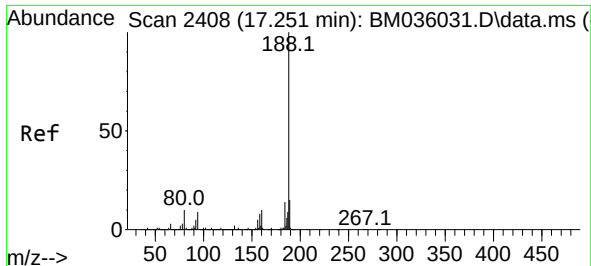


#45
2-Fluorobiphenyl
Concen: 57.943 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44



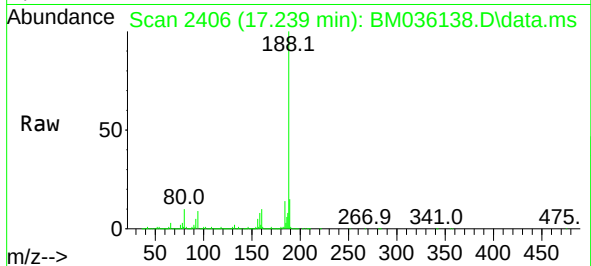
Tgt Ion:172 Resp: 2502675
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

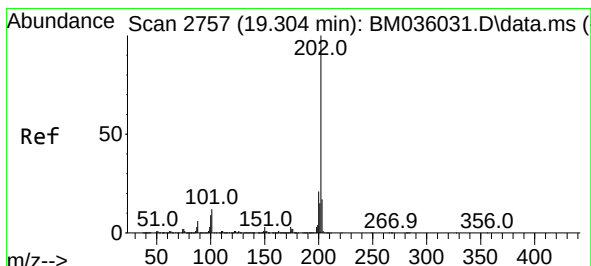
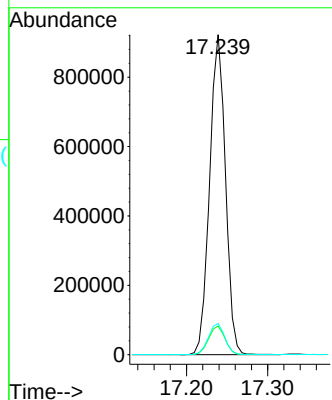
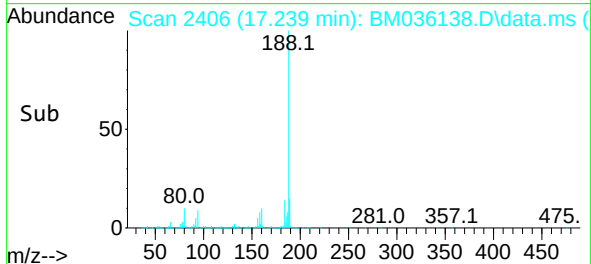
Instrument :
BNA_M
ClientSampleId :
RVE-164



Tgt Ion:188 Resp: 1246780
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.8 7.6 11.4

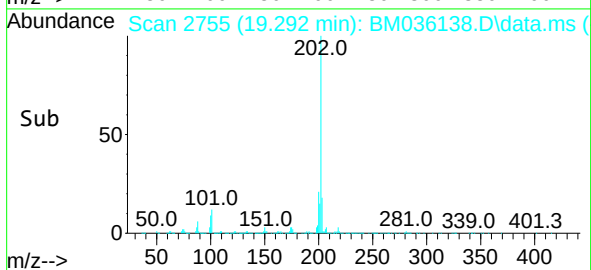
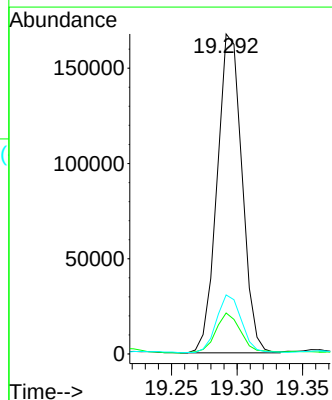
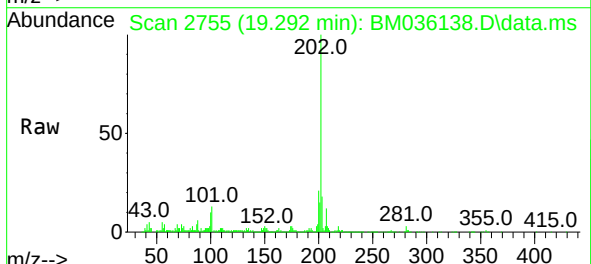
Manual Integrations
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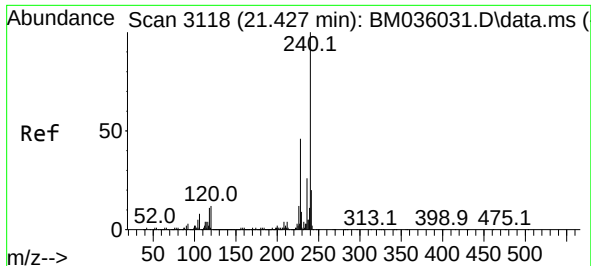
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#75
Fluoranthene
Concen: 3.103 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Tgt Ion:202 Resp: 220643
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.5 0.0 37.4





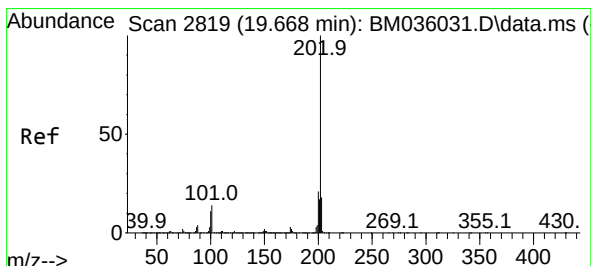
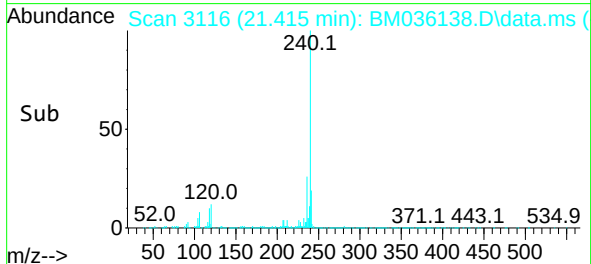
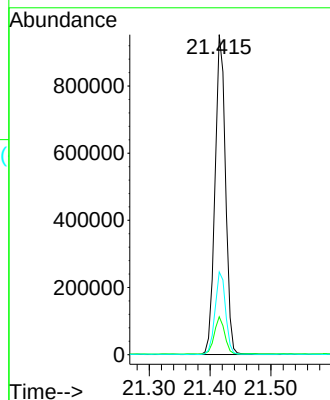
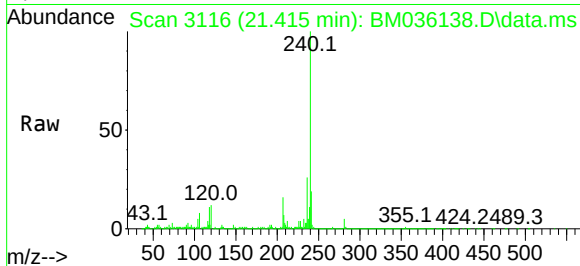
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Instrument :
BNA_M
ClientSampleId :
RVE-164

Tgt Ion:240 Resp: 113917
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 25.9 20.6 30.8

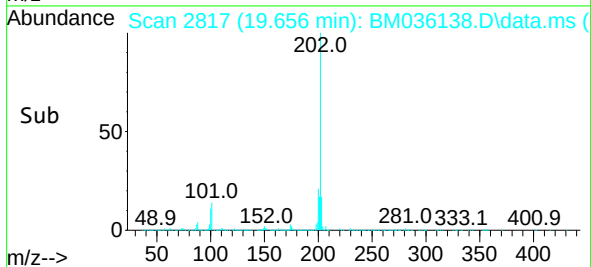
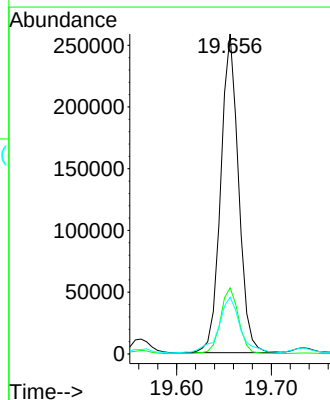
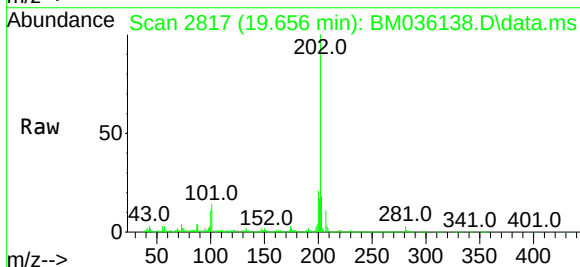
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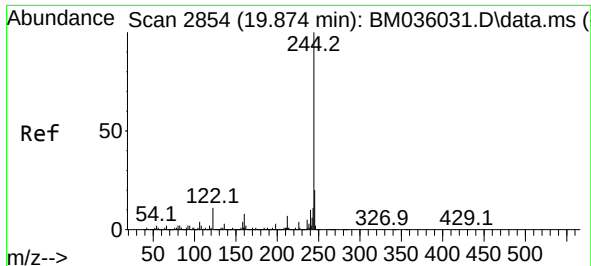
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 4.774 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

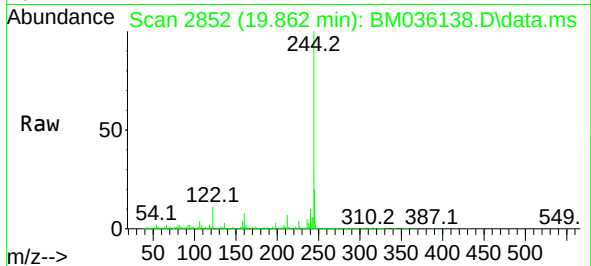
Tgt Ion:202 Resp: 337265
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 13.9 20.9





#79
 Terphenyl-d14
 Concen: 60.450 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036138.D
 Acq: 06 Aug 2022 02:44

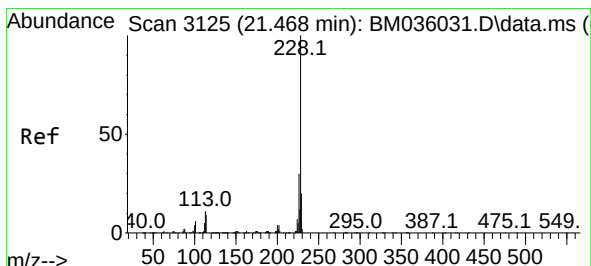
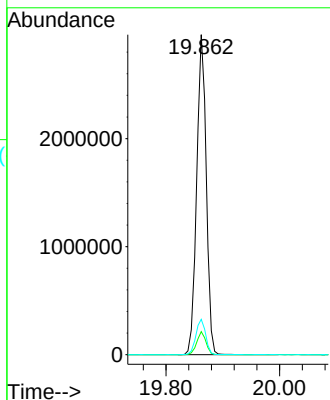
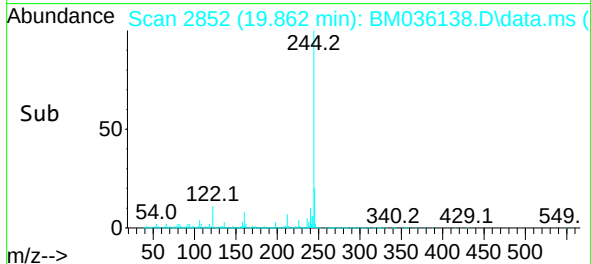
Instrument :
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 RVE-164



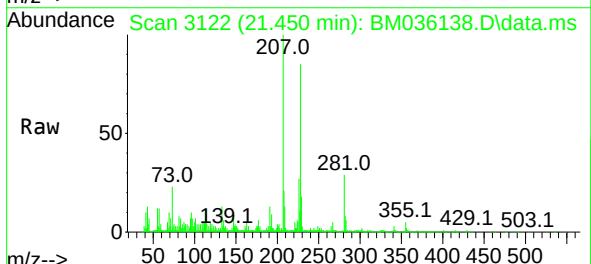
Tgt Ion:244 Resp: 349125
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 11.1 8.3 12.5

Manual Integrations
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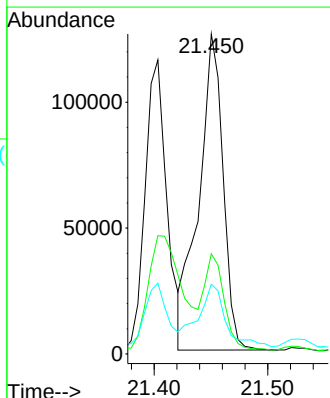
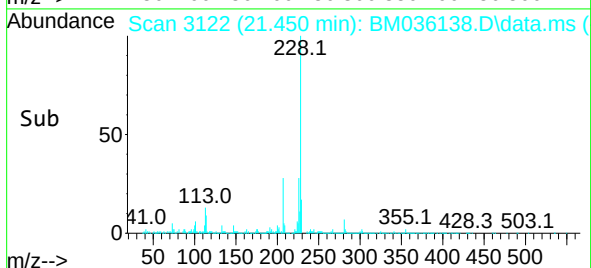
Reviewed By :Christian Giraldo 08/08/2022
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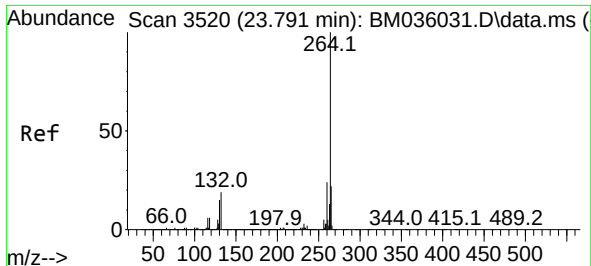


#83
 Chrysene
 Concen: 2.802 ng
 RT: 21.450 min Scan# 3122
 Delta R.T. -0.012 min
 Lab File: BM036138.D
 Acq: 06 Aug 2022 02:44



Tgt Ion:228 Resp: 186860
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 21.8 15.8 23.8





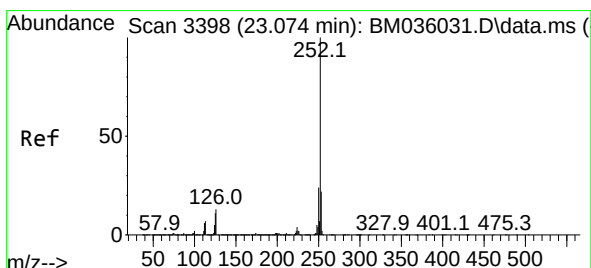
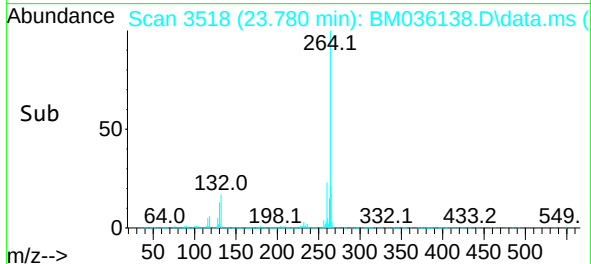
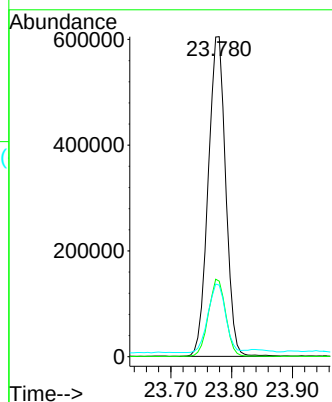
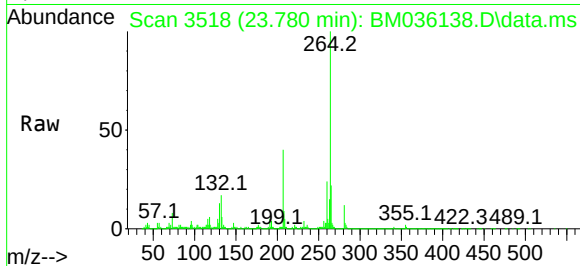
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Instrument :
BNA_M
ClientSampleId :
RVE-164

Tgt Ion:264 Resp: 120792
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.3 17.5 26.3

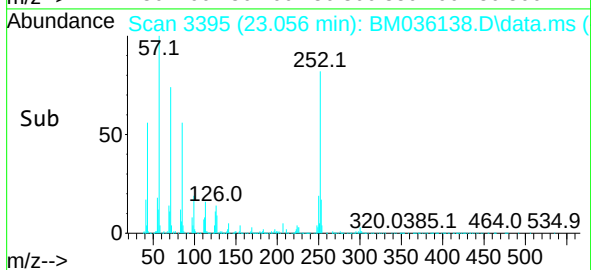
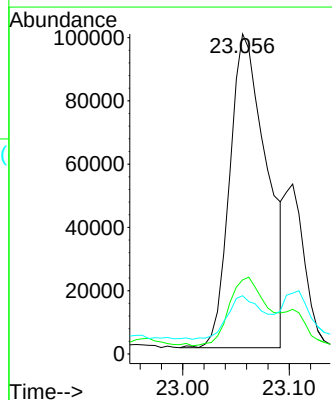
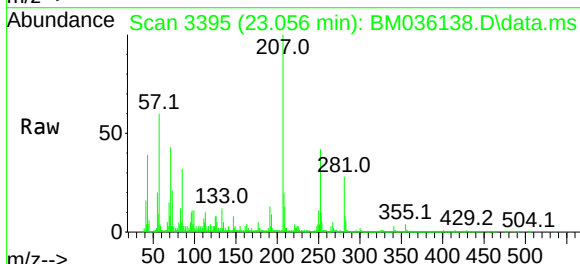
Manual Integrations
APPROVED

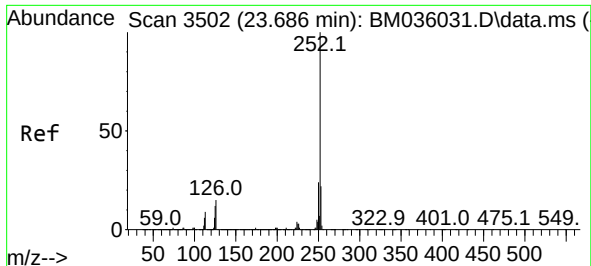
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 3.381 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

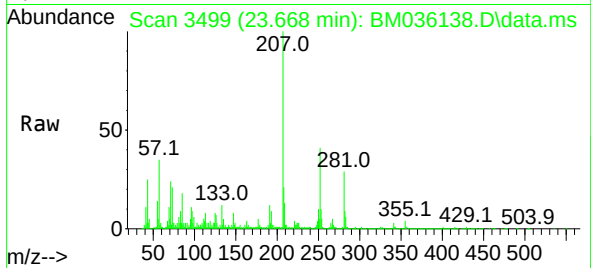
Tgt Ion:252 Resp: 239304
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 18.2 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 3.110 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036138.D
Acq: 06 Aug 2022 02:44

Instrument :
BNA_M
ClientSampleId :
RVE-164



Tgt Ion:252 Resp: 18465
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 19.3 8.7 13.1

Manual Integrations
APPROVED

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

