

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036160.D
 Acq On : 09 Aug 2022 00:55
 Operator : CG/JU
 Sample : N3962-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-188

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 01:35:12 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	7.839	152	265789	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1038063	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	569605	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1103141	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1048142	20.000	ng	-0.01
86) Perylene-d12	23.762	264	1135992	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1770553	108.000	ng	0.00
7) Phenol-d6	7.051	99	2148257	102.984	ng	-0.01
23) Nitrobenzene-d5	9.016	82	1316968	71.017	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	736990	110.291	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2800215	72.584	ng	0.00
79) Terphenyl-d14	19.850	244	3846281	72.381	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.286	202	203704	3.238	ng	98
78) Pyrene	19.645	202	278412	4.284	ng	99
83) Chrysene	21.444	228	170721m	2.782	ng	
88) Benzo(b)fluoranthene	23.044	252	222851m	3.348	ng	
90) Benzo(a)pyrene	23.656	252	163274	2.924	ng	# 92

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

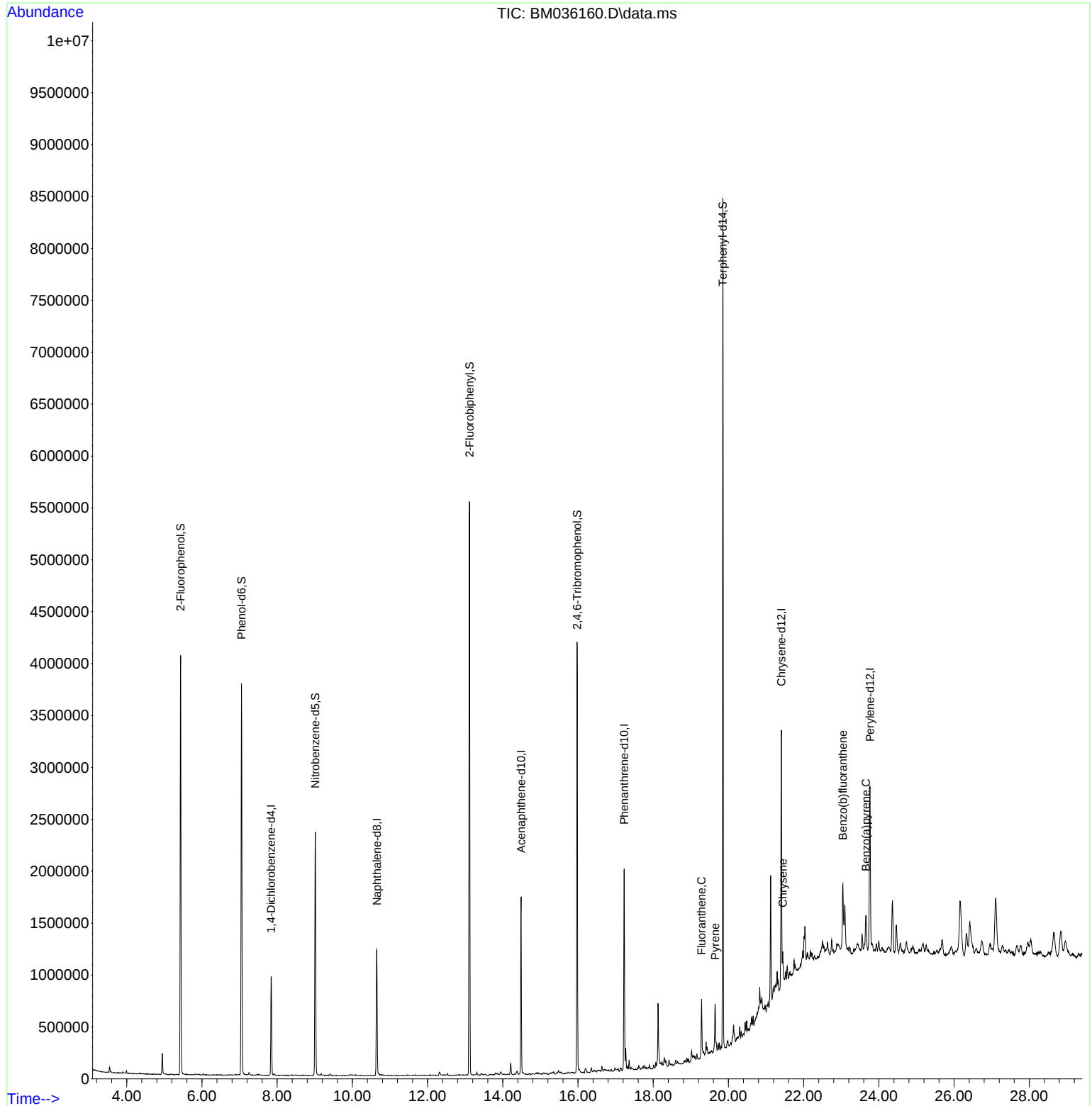
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
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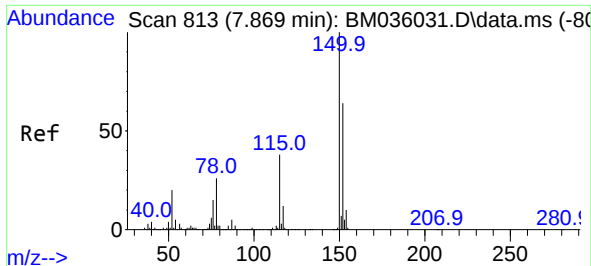
Instrument :
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Quant Time: Aug 09 01:35:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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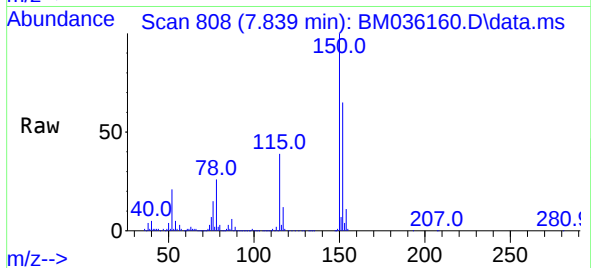
Reviewed By : Christian Giraldo 08/09/2022
Supervised By : Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

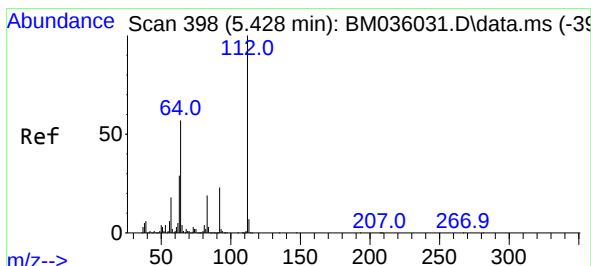
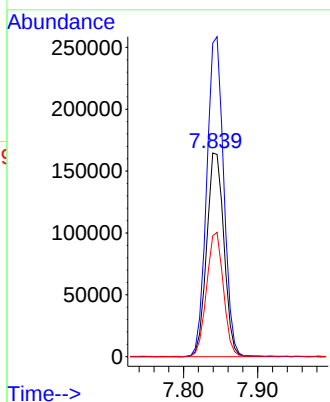
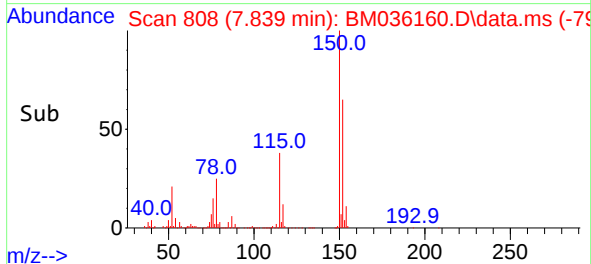
Instrument :
BNA_M
ClientSampleId :
RVE-188



Tgt Ion:152 Resp: 265789
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 59.4 47.9 71.9

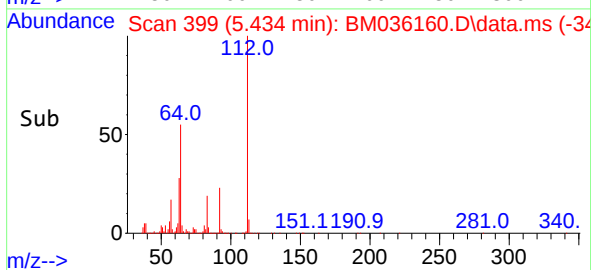
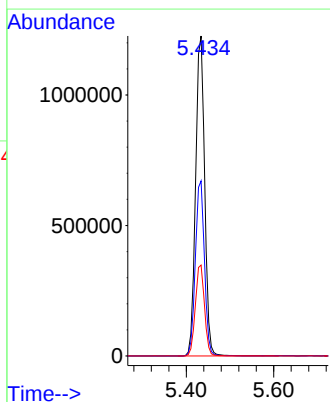
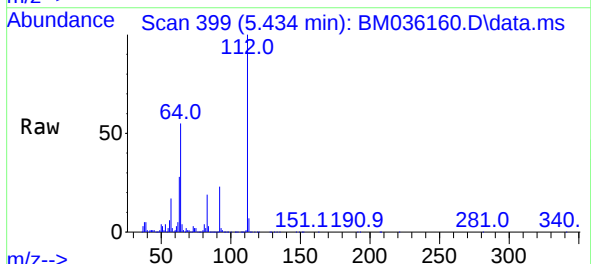
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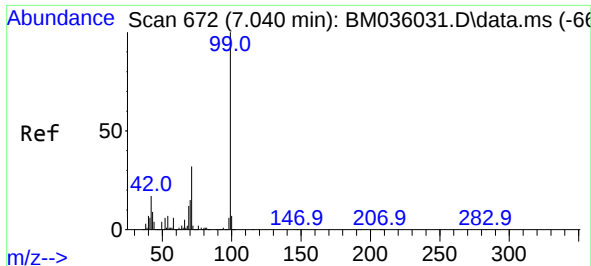
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#5
2-Fluorophenol
Concen: 108.000 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.000 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:112 Resp: 1770553
Ion Ratio Lower Upper
112 100
64 54.7 47.8 71.6
63 28.4 26.6 40.0





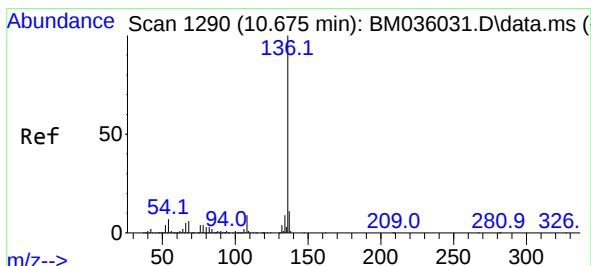
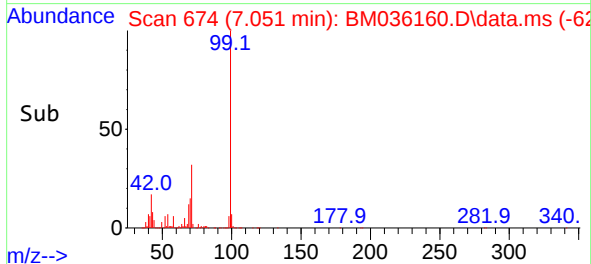
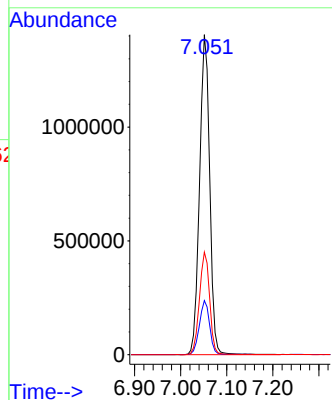
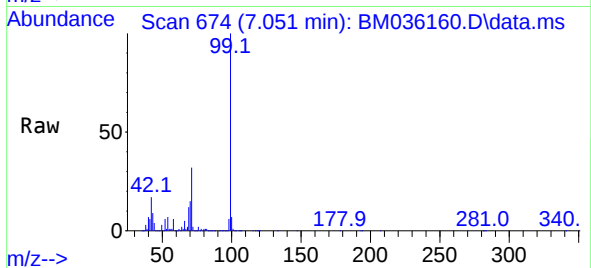
#7
Phenol-d6
Concen: 102.984 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :
BNA_M
ClientSampleId :
RVE-188

Tgt Ion: 99 Resp: 214825
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2
71 32.1 30.2 45.2

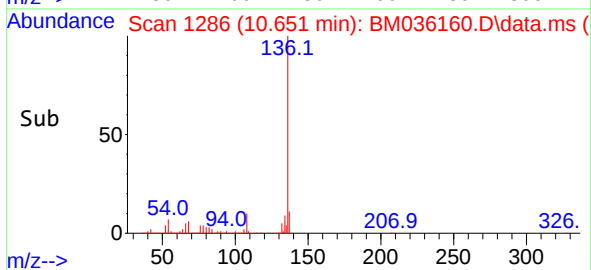
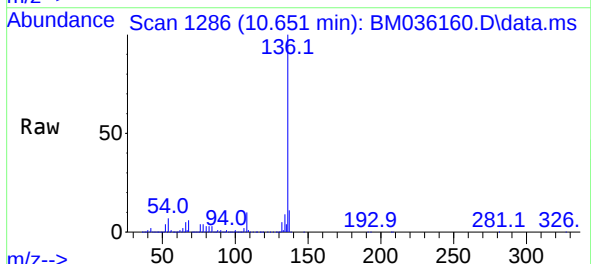
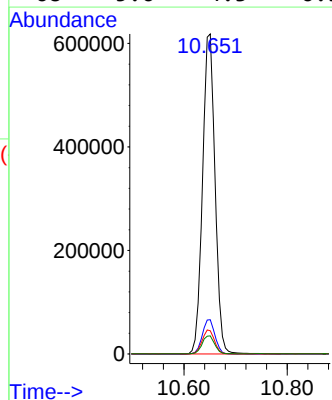
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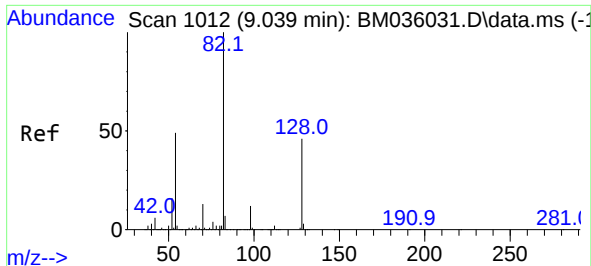
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

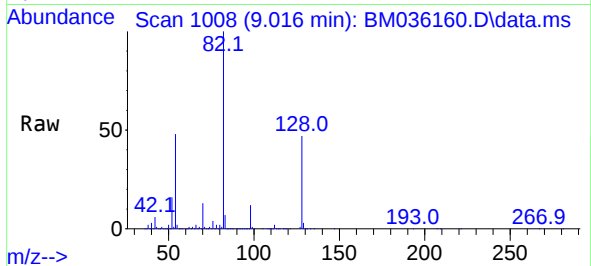
Tgt Ion:136 Resp: 1038063
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 71.017 ng
RT: 9.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

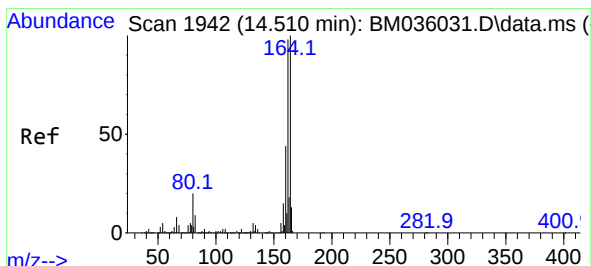
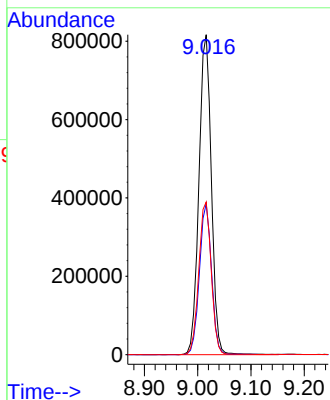
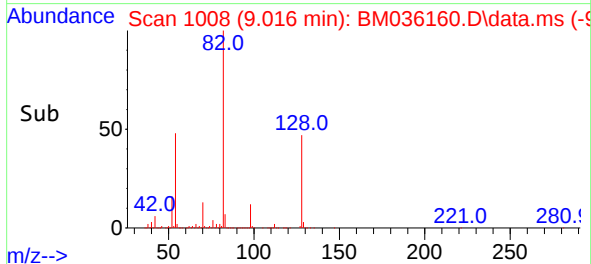
Instrument :
BNA_M
ClientSampleId :
RVE-188



Tgt Ion: 82 Resp: 1316968
Ion Ratio Lower Upper
82 100
128 47.1 33.7 50.5
54 47.7 43.2 64.8

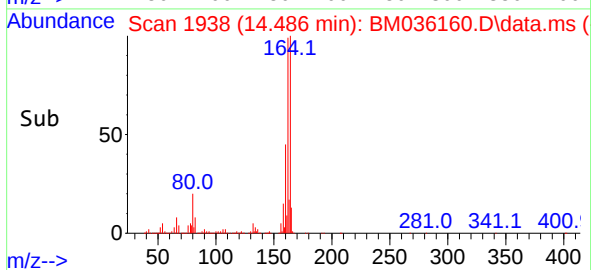
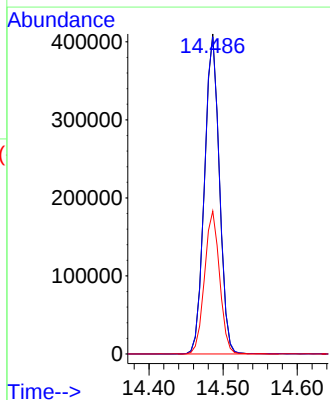
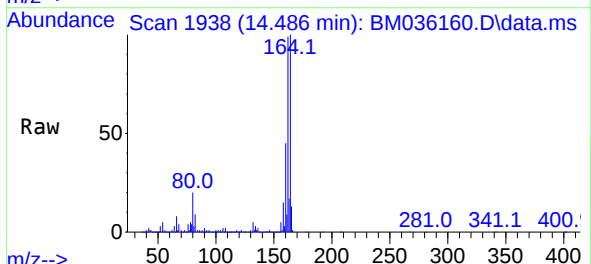
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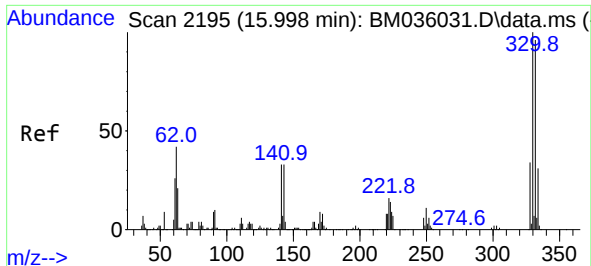
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:164 Resp: 569605
Ion Ratio Lower Upper
164 100
162 99.2 83.0 124.6
160 44.6 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 110.291 ng
RT: 15.980 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :

BNA_M

ClientSampleId :

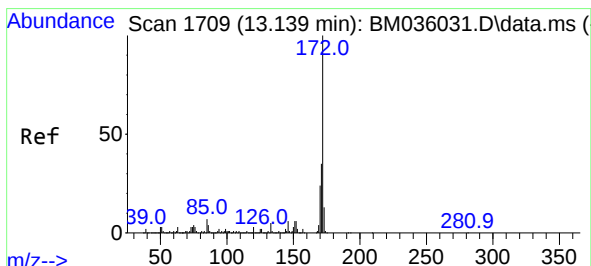
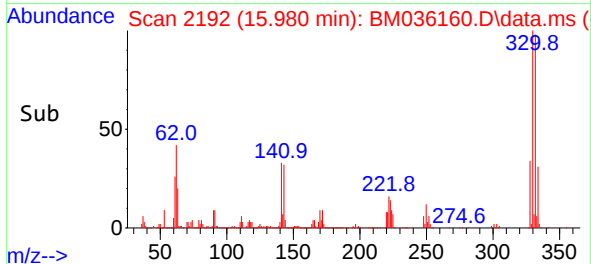
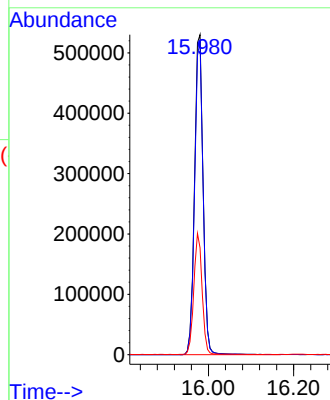
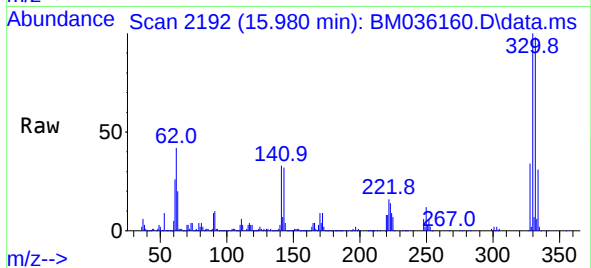
RVE-188

Tgt Ion:330 Resp: 736990
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 36.7 35.3 52.9

Manual Integrations

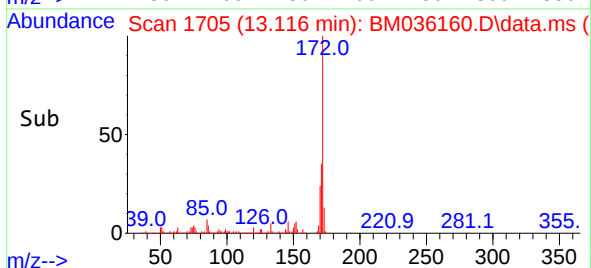
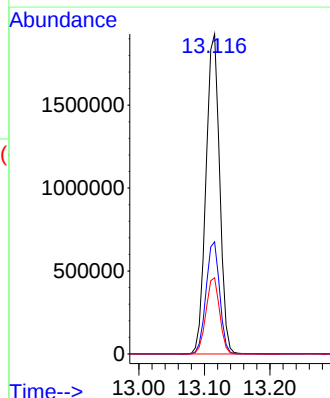
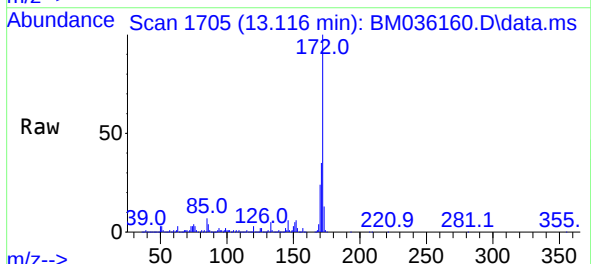
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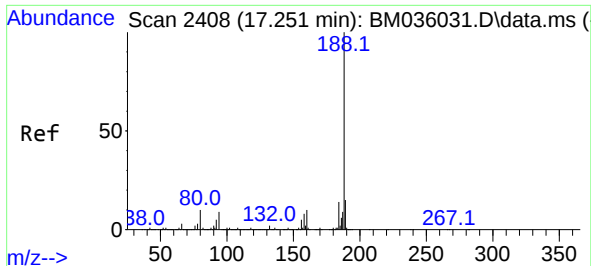
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#45
2-Fluorobiphenyl
Concen: 72.584 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:172 Resp: 2800215
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.8 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :

BNA_M

ClientSampleId :

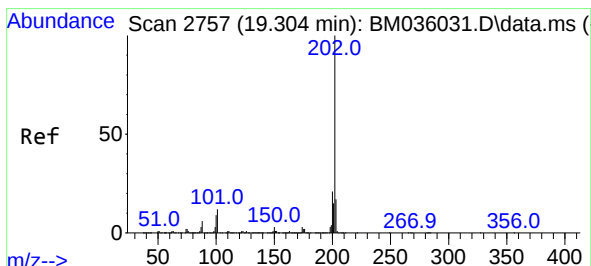
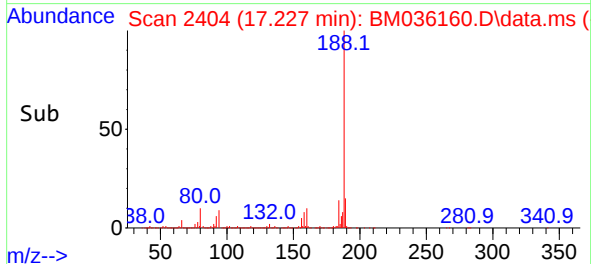
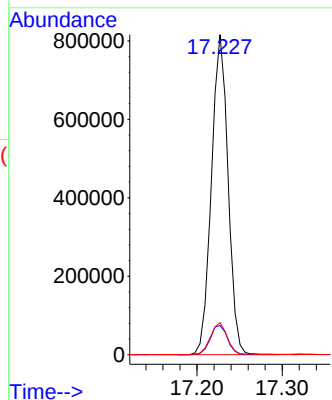
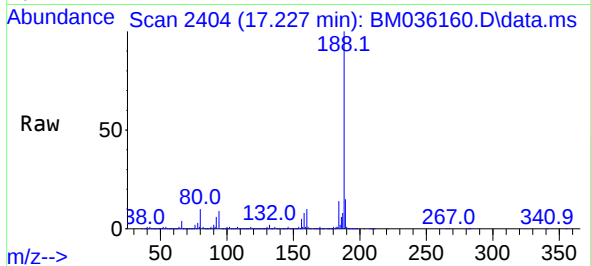
RVE-188

Tgt Ion:188 Resp: 110314
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.0 7.6 11.4

Manual Integrations

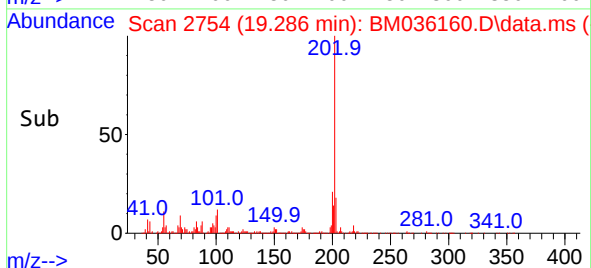
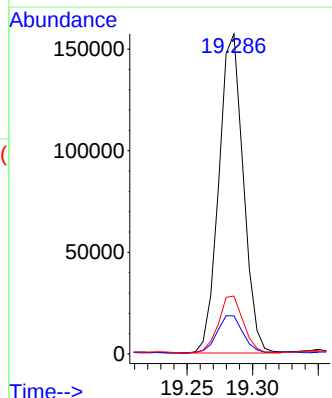
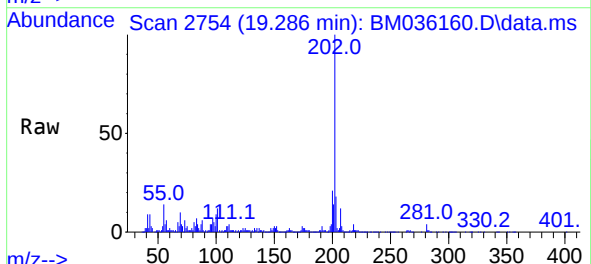
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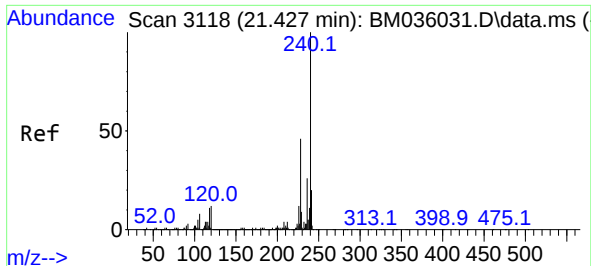
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#75
Fluoranthene
Concen: 3.238 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:202 Resp: 203704
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.6
203 18.1 0.0 37.4





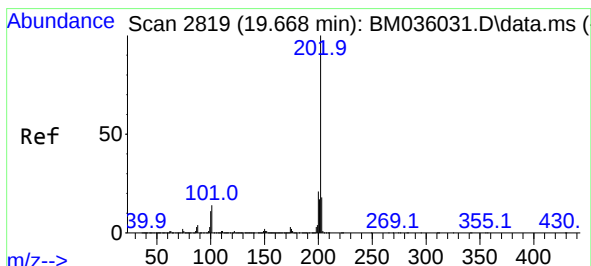
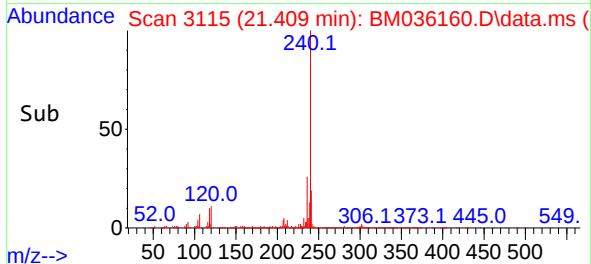
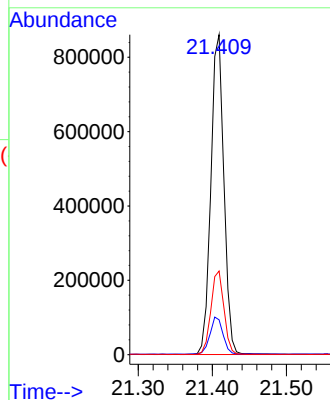
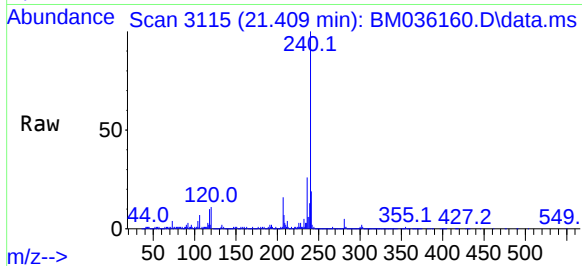
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :
BNA_M
ClientSampleId :
RVE-188

Tgt Ion:240 Resp: 104814
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.0
236 26.2 20.6 30.8

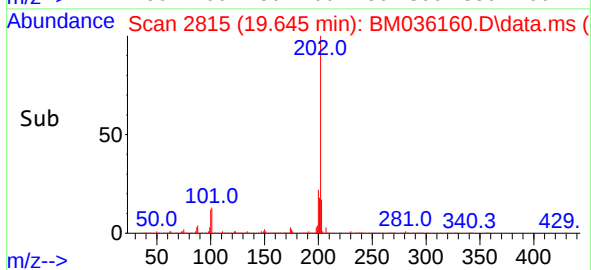
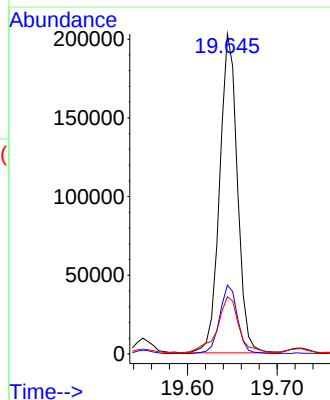
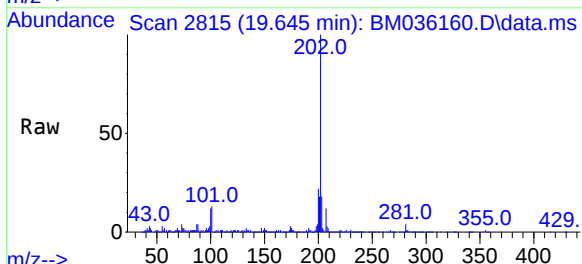
Manual Integrations
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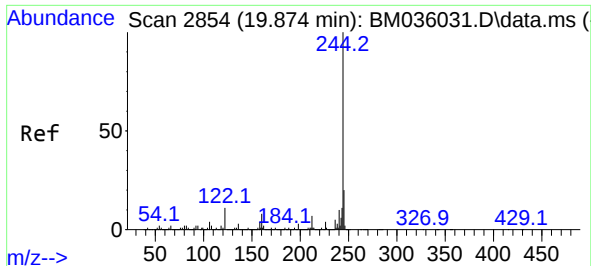
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#78
Pyrene
Concen: 4.284 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:202 Resp: 278412
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.9 13.9 20.9





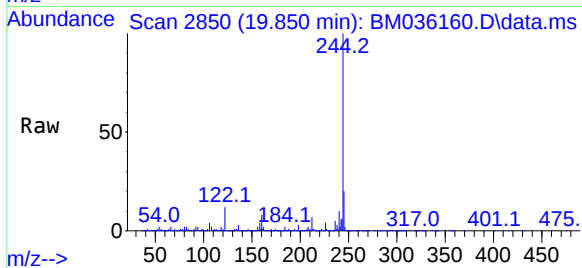
#79
Terphenyl-d14
Concen: 72.381 ng
RT: 19.850 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :

BNA_M

ClientSampleId :

RVE-188

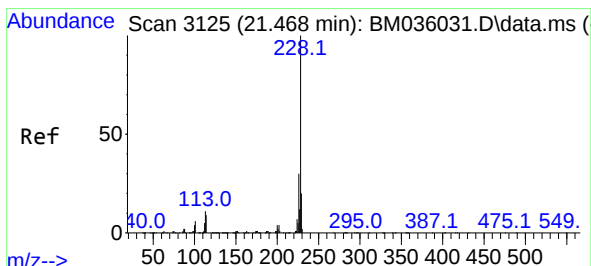
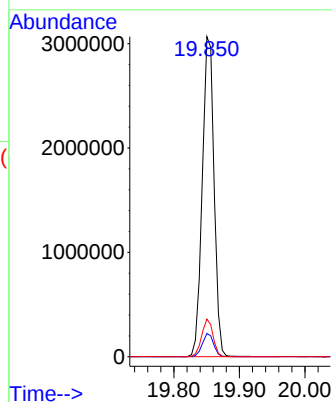
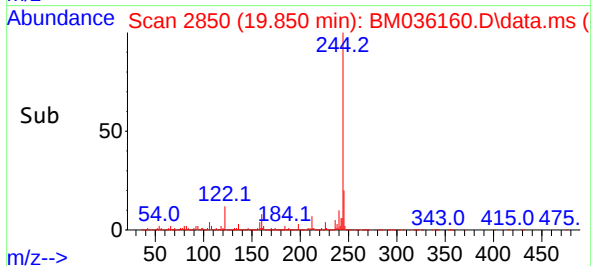


Tgt Ion:244 Resp: 384628
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.8 8.3 12.5

Manual Integrations

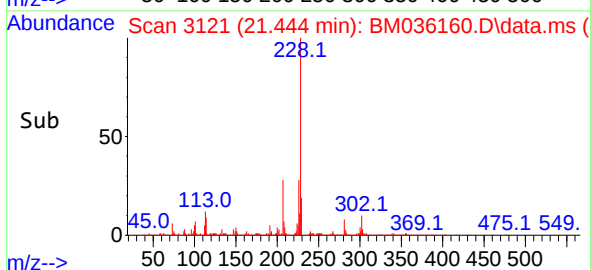
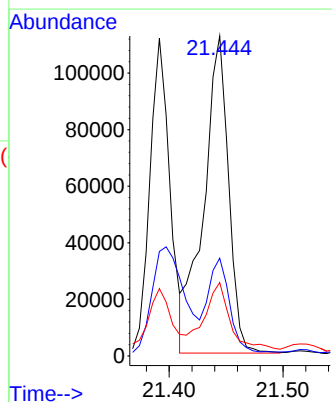
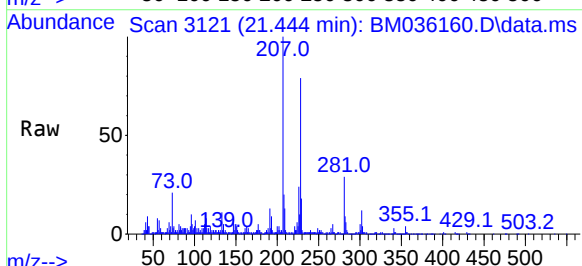
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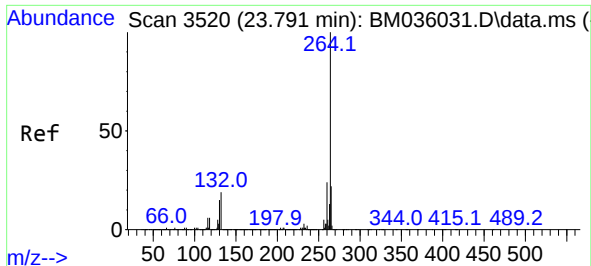
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#83
Chrysene
Concen: 2.782 ng m
RT: 21.444 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Tgt Ion:228 Resp: 170721
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 23.0 15.8 23.8





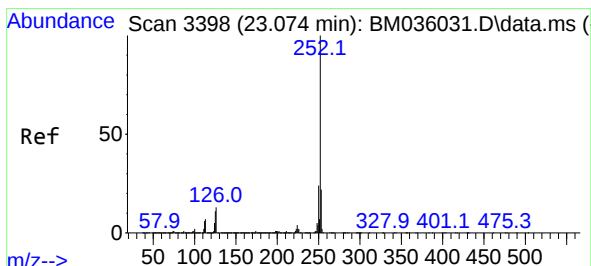
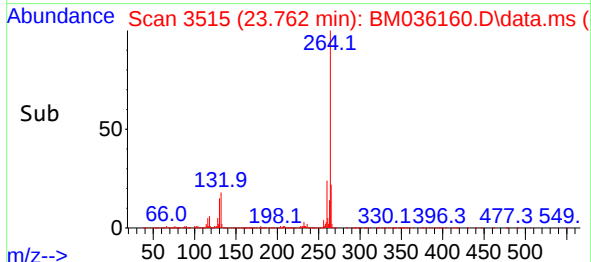
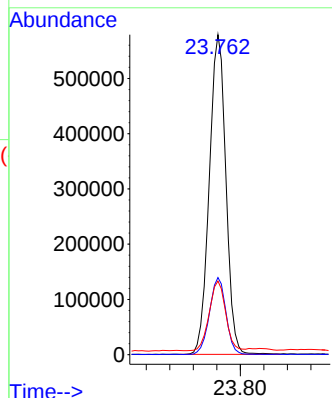
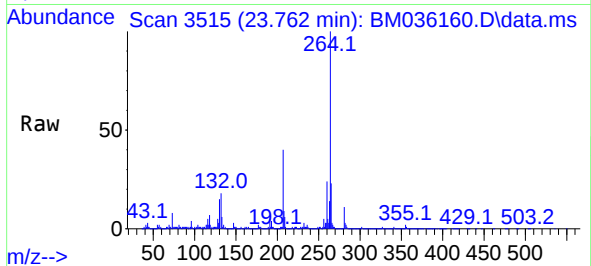
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :
BNA_M
ClientSampleId :
RVE-188

Tgt Ion:264 Resp: 113599
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 23.0 17.5 26.3

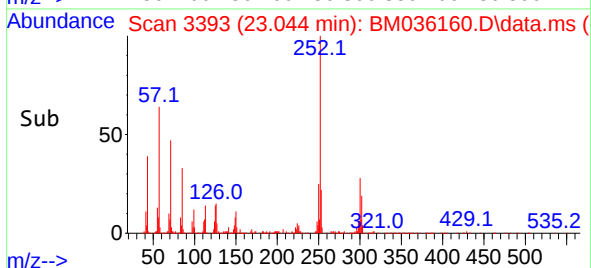
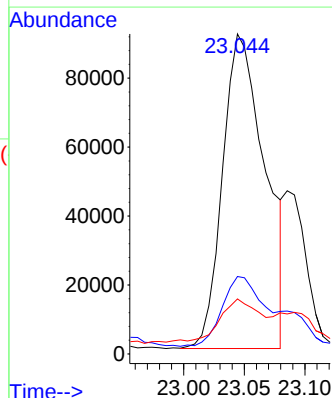
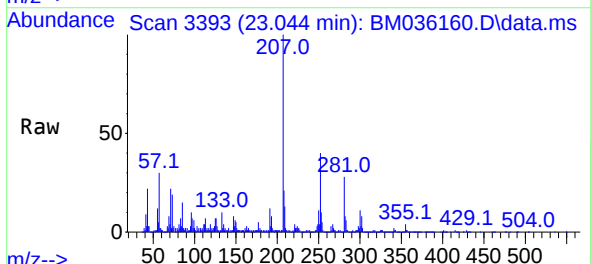
Manual Integrations
APPROVED

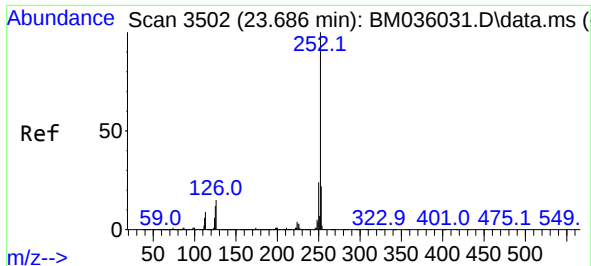
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#88
Benzo(b)fluoranthene
Concen: 3.348 ng m
RT: 23.044 min Scan# 3393
Delta R.T. -0.018 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

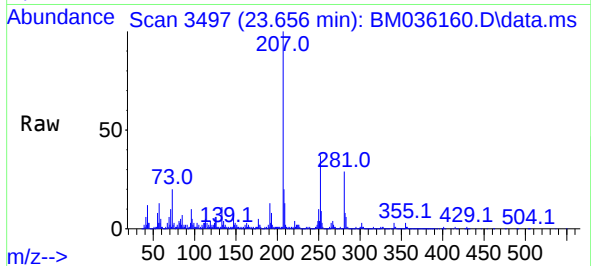
Tgt Ion:252 Resp: 222851
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 17.2 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 2.924 ng
RT: 23.656 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM036160.D
Acq: 09 Aug 2022 00:55

Instrument :
BNA_M
ClientSampleId :
RVE-188



Tgt Ion:252 Resp: 163274
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 16.6 8.7 13.1

Manual Integrations
APPROVED

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

