

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036135.D
 Acq On : 06 Aug 2022 00:54
 Operator : CG/JU
 Sample : N3961-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-179D

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 03:31:44 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	299092	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	1223902	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	708630	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1392029	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1268957	20.00	ng	0.00
86) Perylene-d12	23.774	264	1319279	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2107176	114.22	ng	0.02
7) Phenol-d6	7.069	99	2622093	111.70	ng	0.04
23) Nitrobenzene-d5	9.028	82	1583670	72.43	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	986752	118.70	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3586309	74.72	ng	0.00
79) Terphenyl-d14	19.862	244	4936113	76.73	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.292	202	263589	3.32	ng	96
78) Pyrene	19.656	202	388894	4.94	ng	99
83) Chrysene	21.450	228	207619	2.79	ng	98
88) Benzo(b)fluoranthene	23.056	252	266927m	3.45	ng	
90) Benzo(a)pyrene	23.668	252	199370	3.07	ng	# 93

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

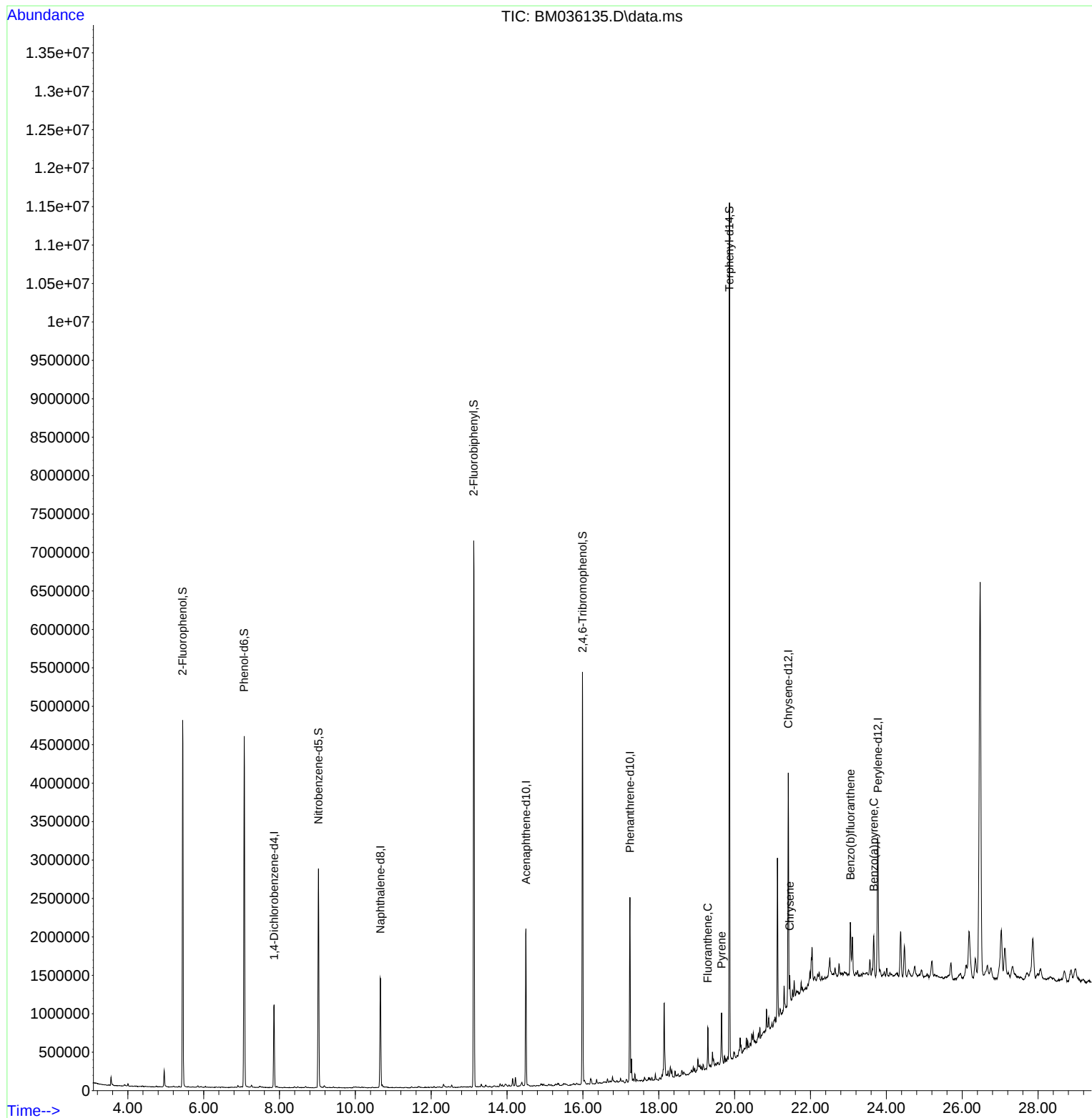
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036135.D
Acq On : 06 Aug 2022 00:54
Operator : CG/JU
Sample : N3961-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

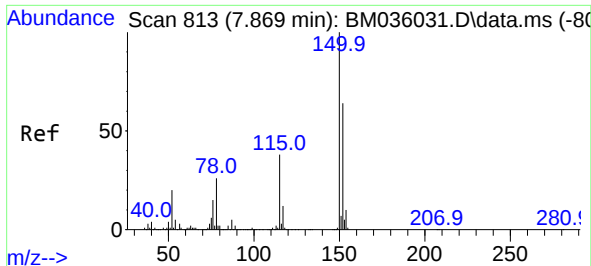
Instrument :
BNA_M
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Quant Time: Aug 06 03:31:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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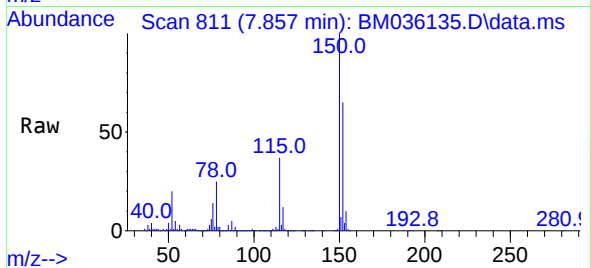
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

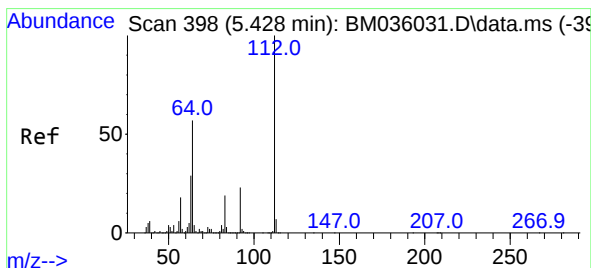
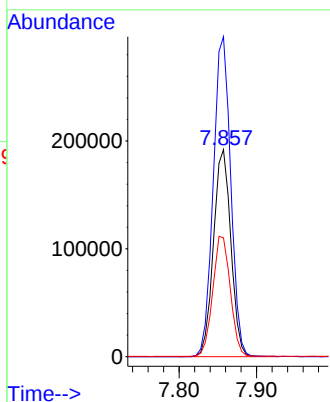
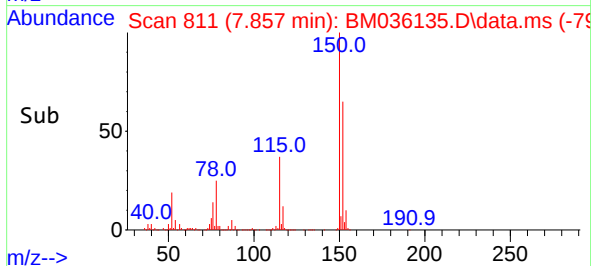
Instrument :
BNA_M
ClientSampleId :
RVE-179D



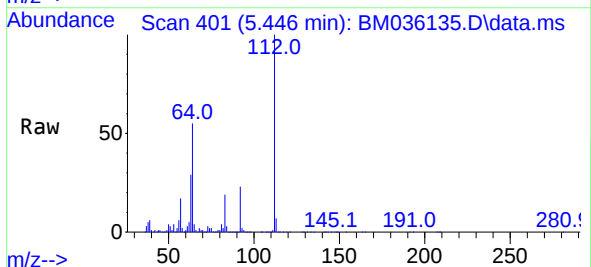
Tgt Ion:152 Resp: 299092
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 57.4 47.9 71.9

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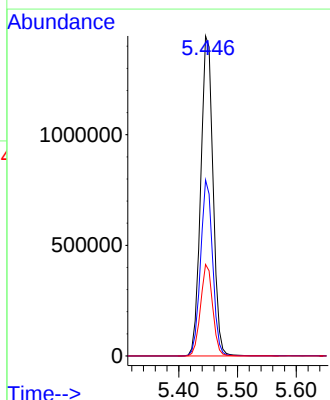
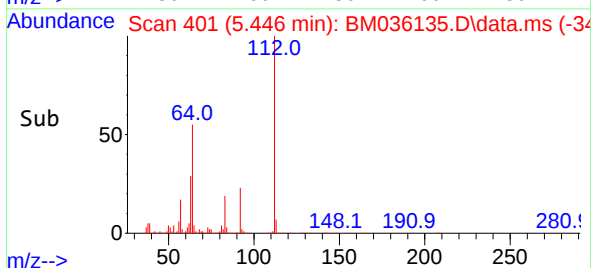
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

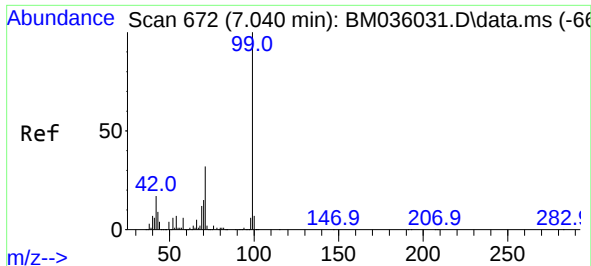


#5
2-Fluorophenol
Concen: 114.22 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54



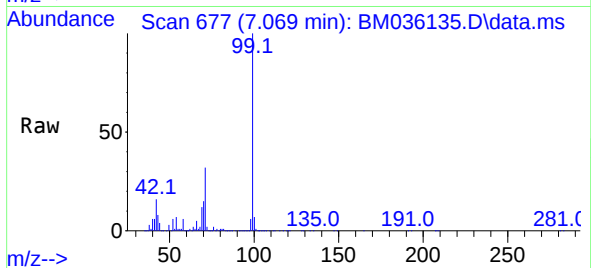
Tgt Ion:112 Resp: 2107176
Ion Ratio Lower Upper
112 100
64 55.0 47.8 71.6
63 28.6 26.6 40.0





#7
Phenol-d6
Concen: 111.70 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

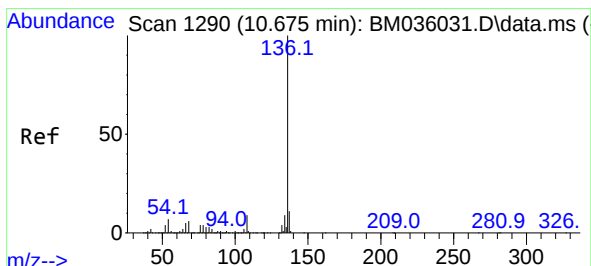
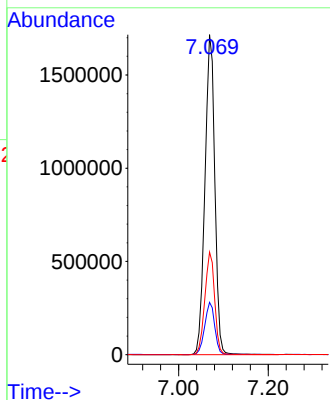
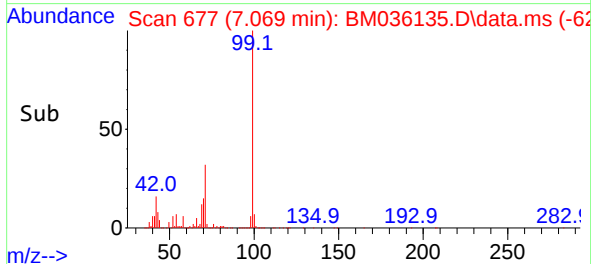
Instrument :
BNA_M
ClientSampleId :
RVE-179D



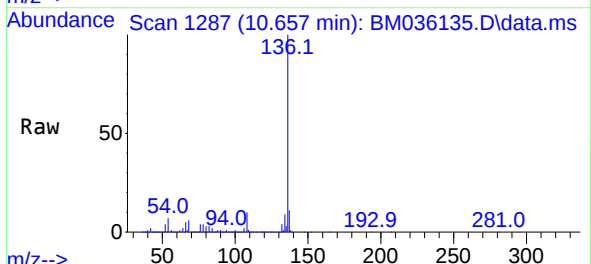
Tgt Ion: 99 Resp: 262209
Ion Ratio Lower Upper
99 100
42 16.4 18.8 28.2
71 32.0 30.2 45.2

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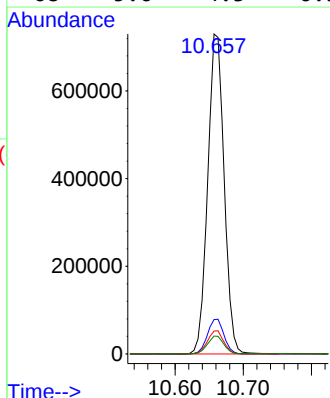
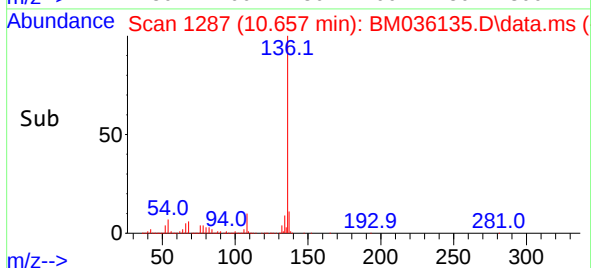
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

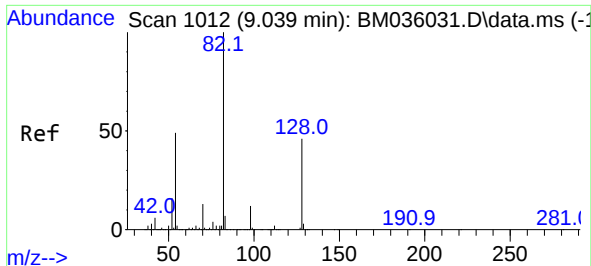


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54



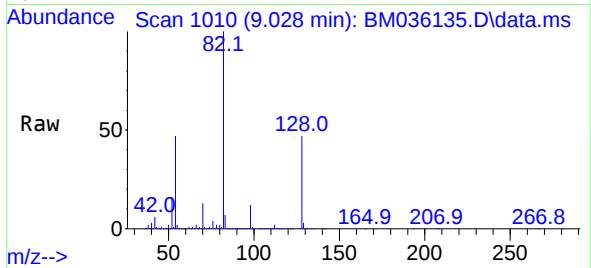
Tgt Ion:136 Resp: 1223902
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 7.0 10.4
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 72.43 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

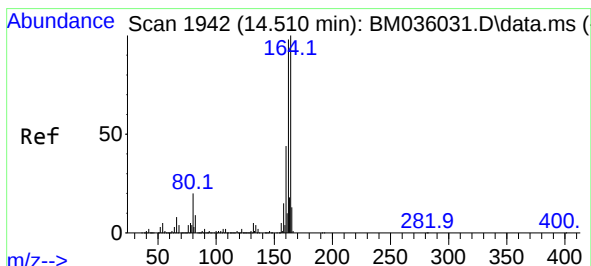
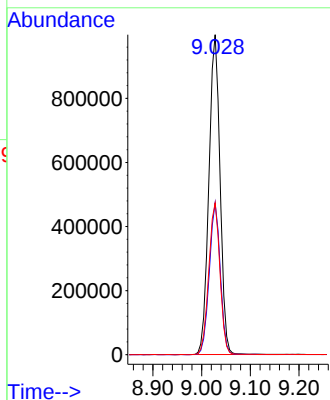
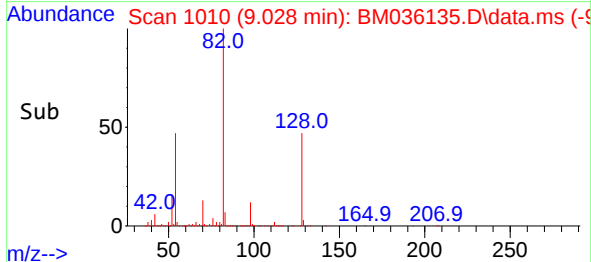
Instrument :
BNA_M
ClientSampleId :
RVE-179D



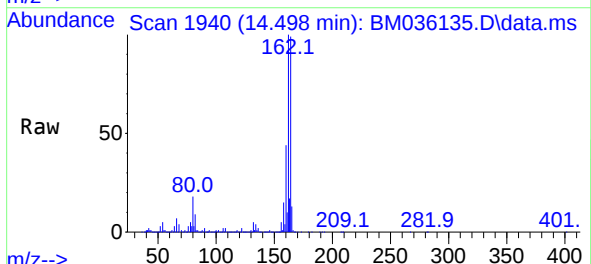
Tgt Ion: 82 Resp: 1583670
Ion Ratio Lower Upper
82 100
128 47.4 33.7 50.5
54 47.5 43.2 64.8

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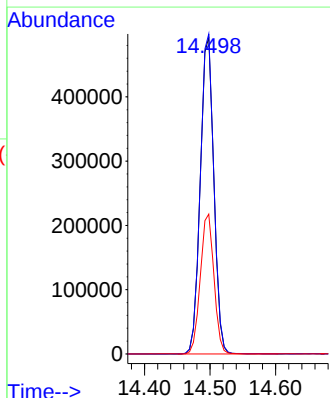
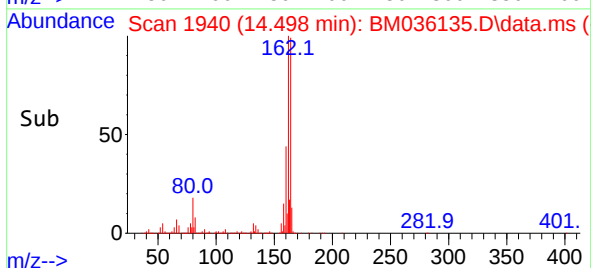
Reviewed By :Christian Giraldo 08/08/2022
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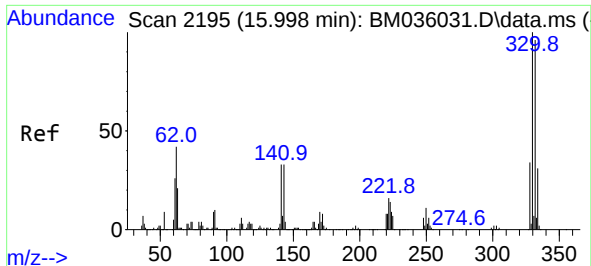


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54



Tgt Ion:164 Resp: 708630
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.2 37.0 55.4





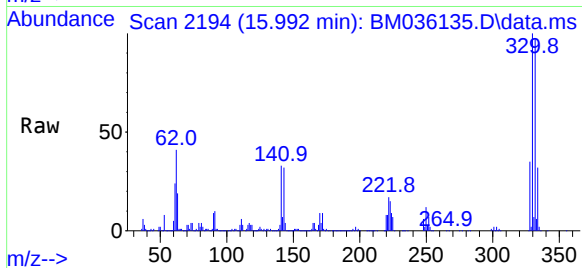
#42
2,4,6-Tribromophenol
Concen: 118.70 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

RVE-179D

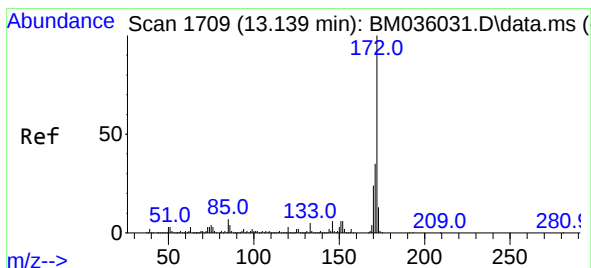
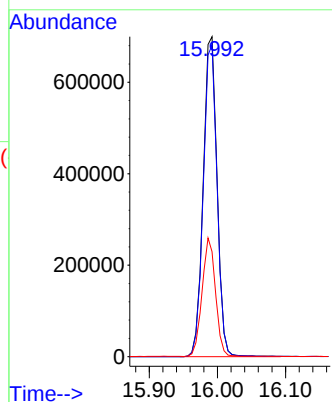
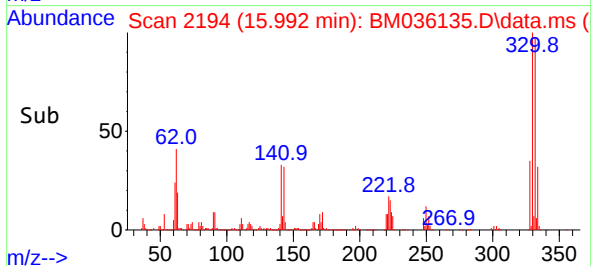


Tgt Ion:330 Resp: 986752
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 35.9 35.3 52.9

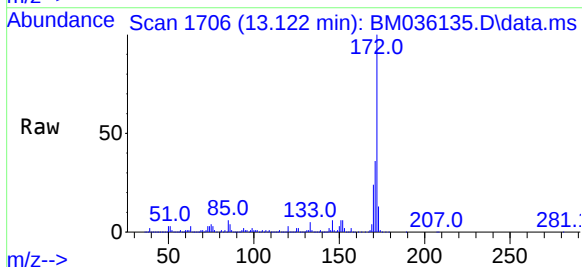
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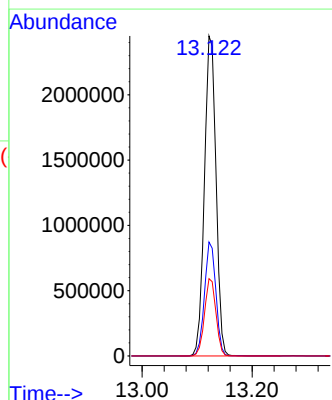
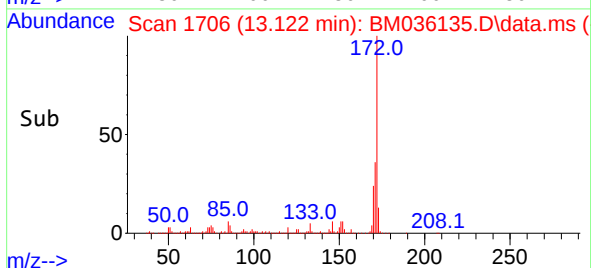
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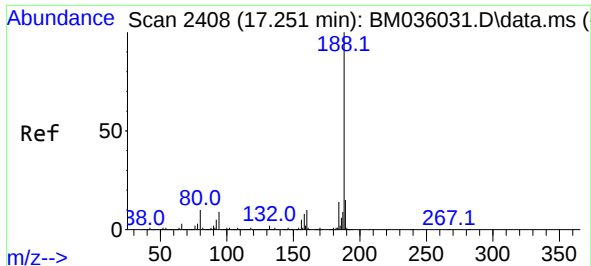


#45
2-Fluorobiphenyl
Concen: 74.72 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54



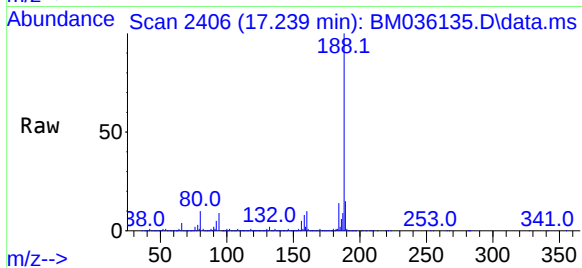
Tgt Ion:172 Resp: 3586309
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

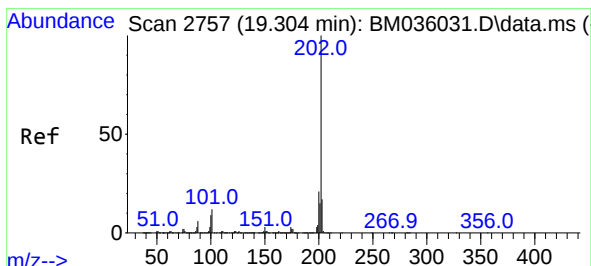
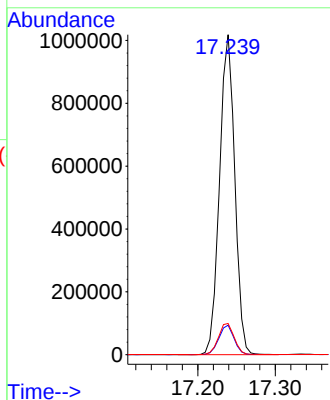
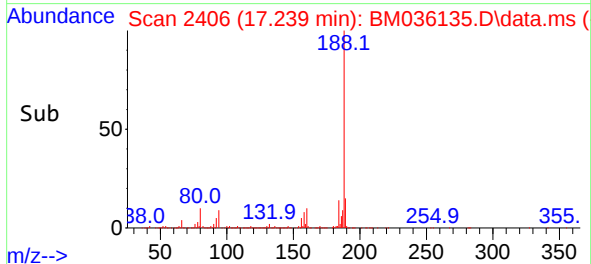
Instrument :
BNA_M
ClientSampleId :
RVE-179D



Tgt Ion:188 Resp: 1392029
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.8 7.6 11.4

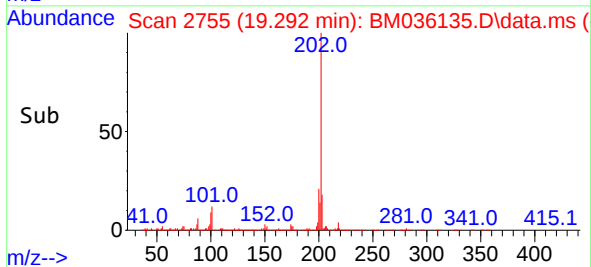
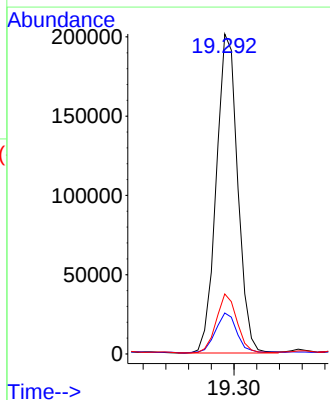
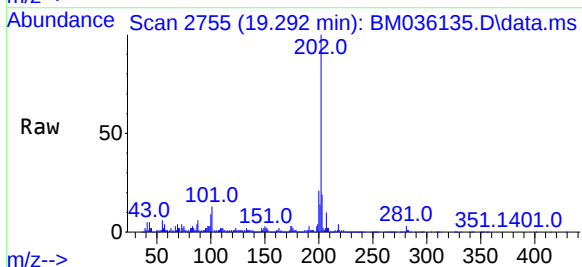
Manual Integrations
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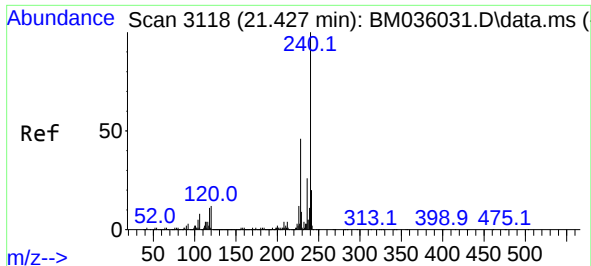
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#75
Fluoranthene
Concen: 3.32 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:202 Resp: 263589
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.7 0.0 37.4





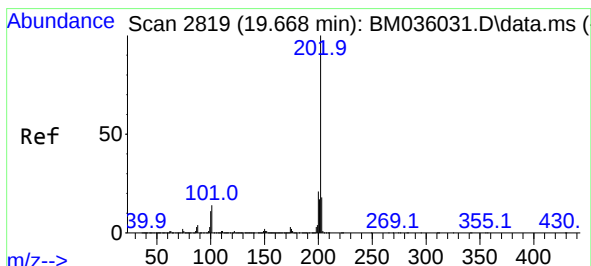
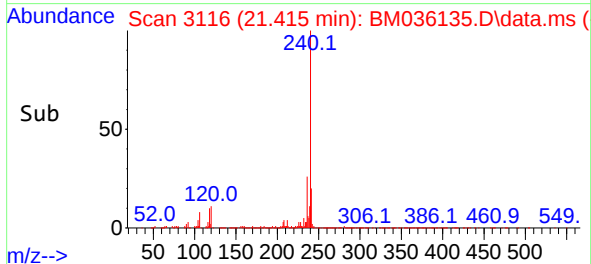
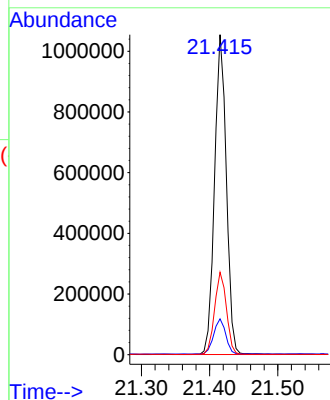
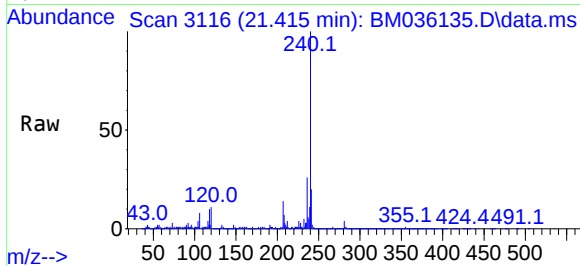
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Instrument :
BNA_M
ClientSampleId :
RVE-179D

Tgt Ion:240 Resp: 126895
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.7 20.6 30.8

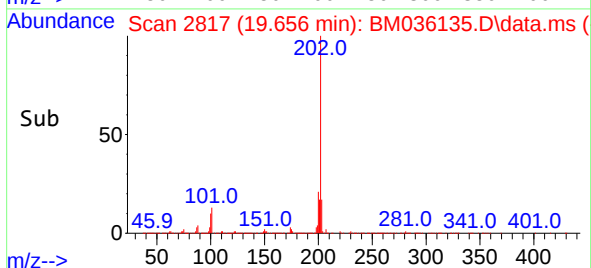
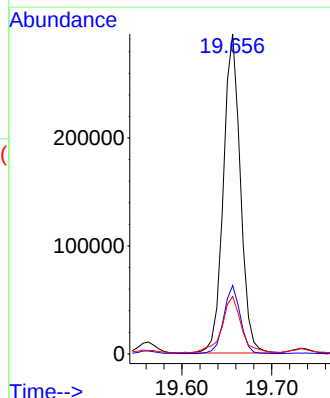
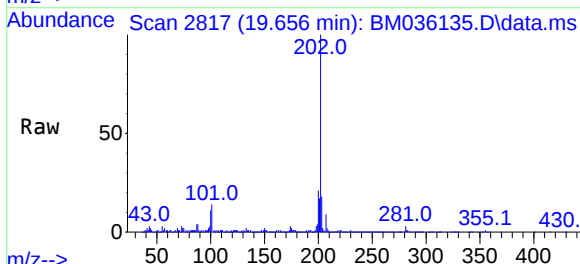
Manual Integrations
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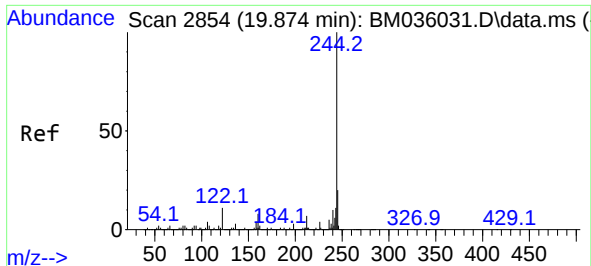
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 4.94 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Tgt Ion:202 Resp: 388894
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.9 13.9 20.9





#79
 Terphenyl-d14
 Concen: 76.73 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036135.D
 Acq: 06 Aug 2022 00:54

Instrument :

BNA_M

ClientSampleId :

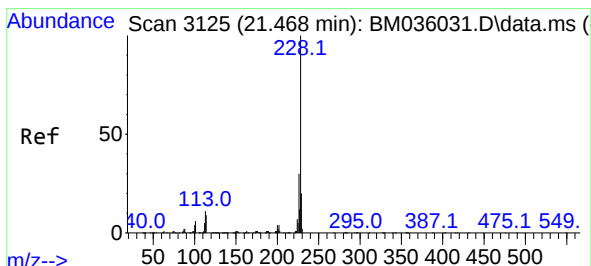
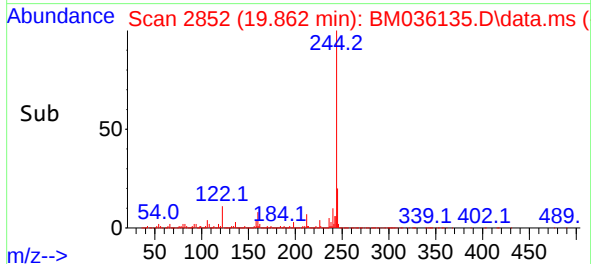
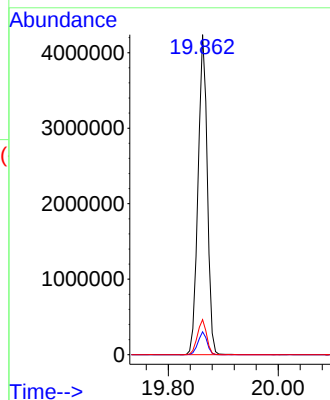
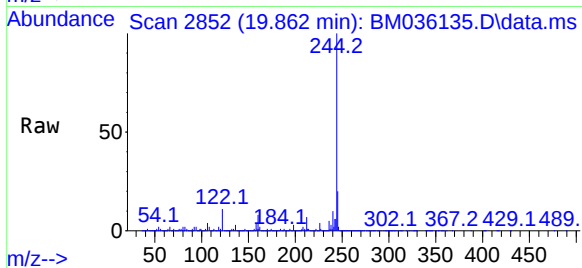
RVE-179D

Tgt Ion:244 Resp: 493611
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 10.9 8.3 12.5

Manual Integrations

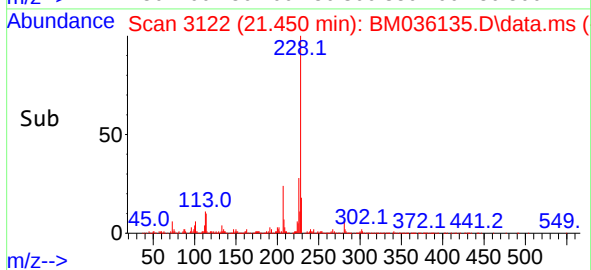
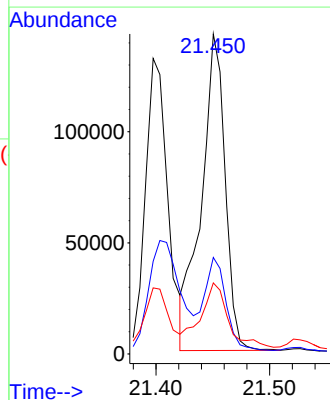
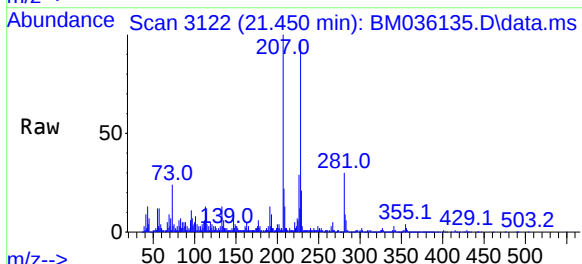
APPROVED

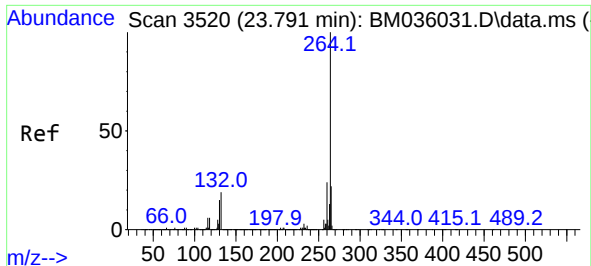
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022



#83
 Chrysene
 Concen: 2.79 ng
 RT: 21.450 min Scan# 3122
 Delta R.T. -0.012 min
 Lab File: BM036135.D
 Acq: 06 Aug 2022 00:54

Tgt Ion:228 Resp: 207619
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.4 36.6
 229 22.2 15.8 23.8





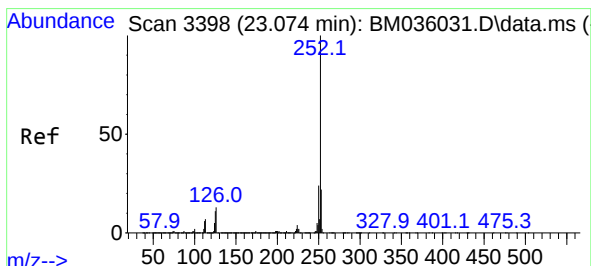
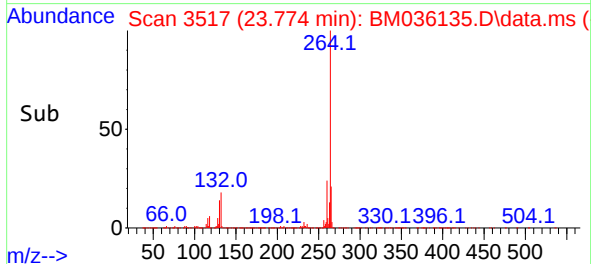
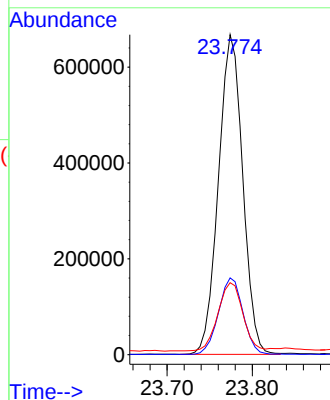
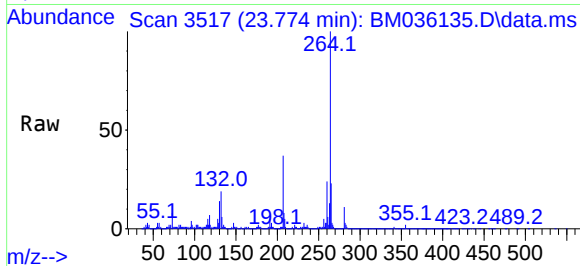
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Instrument :
BNA_M
ClientSampleId :
RVE-179D

Tgt Ion:264 Resp: 1319279
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 22.5 17.5 26.3

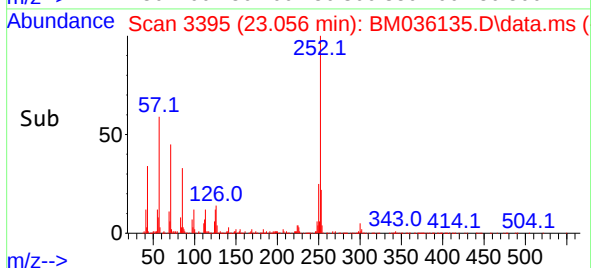
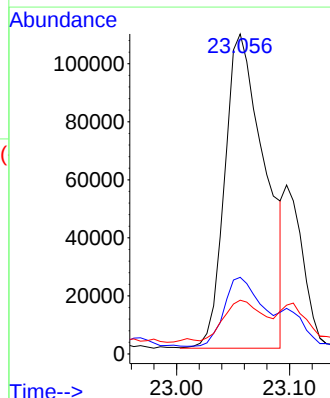
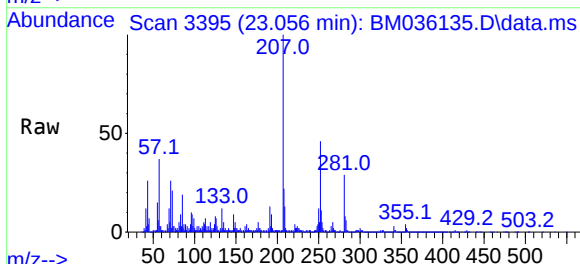
Manual Integrations
APPROVED

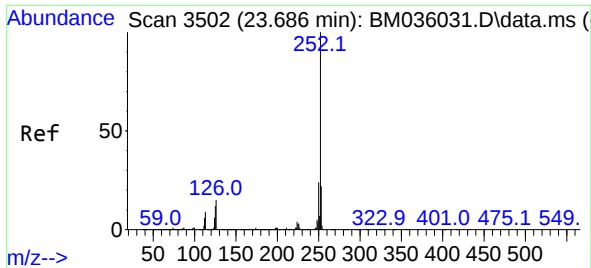
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#88
Benzo(b)fluoranthene
Concen: 3.45 ng m
RT: 23.056 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

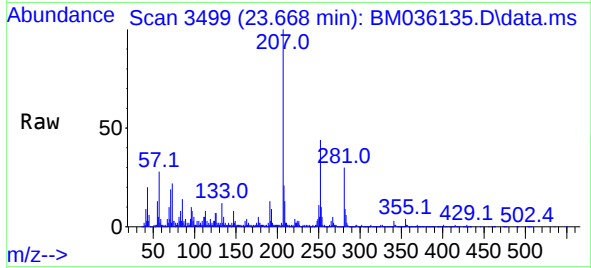
Tgt Ion:252 Resp: 266927
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 16.8 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 3.07 ng
RT: 23.668 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM036135.D
Acq: 06 Aug 2022 00:54

Instrument :
BNA_M
ClientSampleId :
RVE-179D



Tgt Ion:252 Resp: 199370
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 16.5 8.7 13.1

Manual Integrations
APPROVED

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

