

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036159.D
 Acq On : 09 Aug 2022 00:17
 Operator : CG/JU
 Sample : N3962-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-204

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 09 01:34:41 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	272723	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1075610	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	602851	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1185816	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1131908	20.000	ng	-0.02
86) Perylene-d12	23.762	264	1199699	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1923985	114.375	ng	0.00
7) Phenol-d6	7.051	99	2377111	111.057	ng	-0.01
23) Nitrobenzene-d5	9.016	82	1455543	75.749	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	851394	120.385	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	3150436	77.159	ng	0.00
79) Terphenyl-d14	19.851	244	4420063	77.023	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.945	122	30463	2.912	ng	98
71) Phenanthrene	17.268	178	280857	4.649	ng	99
75) Fluoranthene	19.286	202	917576	13.569	ng	99
78) Pyrene	19.645	202	952109	13.565	ng	100
81) Benzo(a)anthracene	21.392	228	647176	9.283	ng	98
83) Chrysene	21.445	228	767964m	11.588	ng	
87) Indeno(1,2,3-cd)pyrene	26.203	276	680221	8.068	ng	97
88) Benzo(b)fluoranthene	23.044	252	1260654	17.935	ng	# 96
89) Benzo(k)fluoranthene	23.086	252	438937m	6.183	ng	
90) Benzo(a)pyrene	23.656	252	894191	15.162	ng	96
92) Benzo(g,h,i)perylene	26.956	276	712794	10.433	ng	97

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

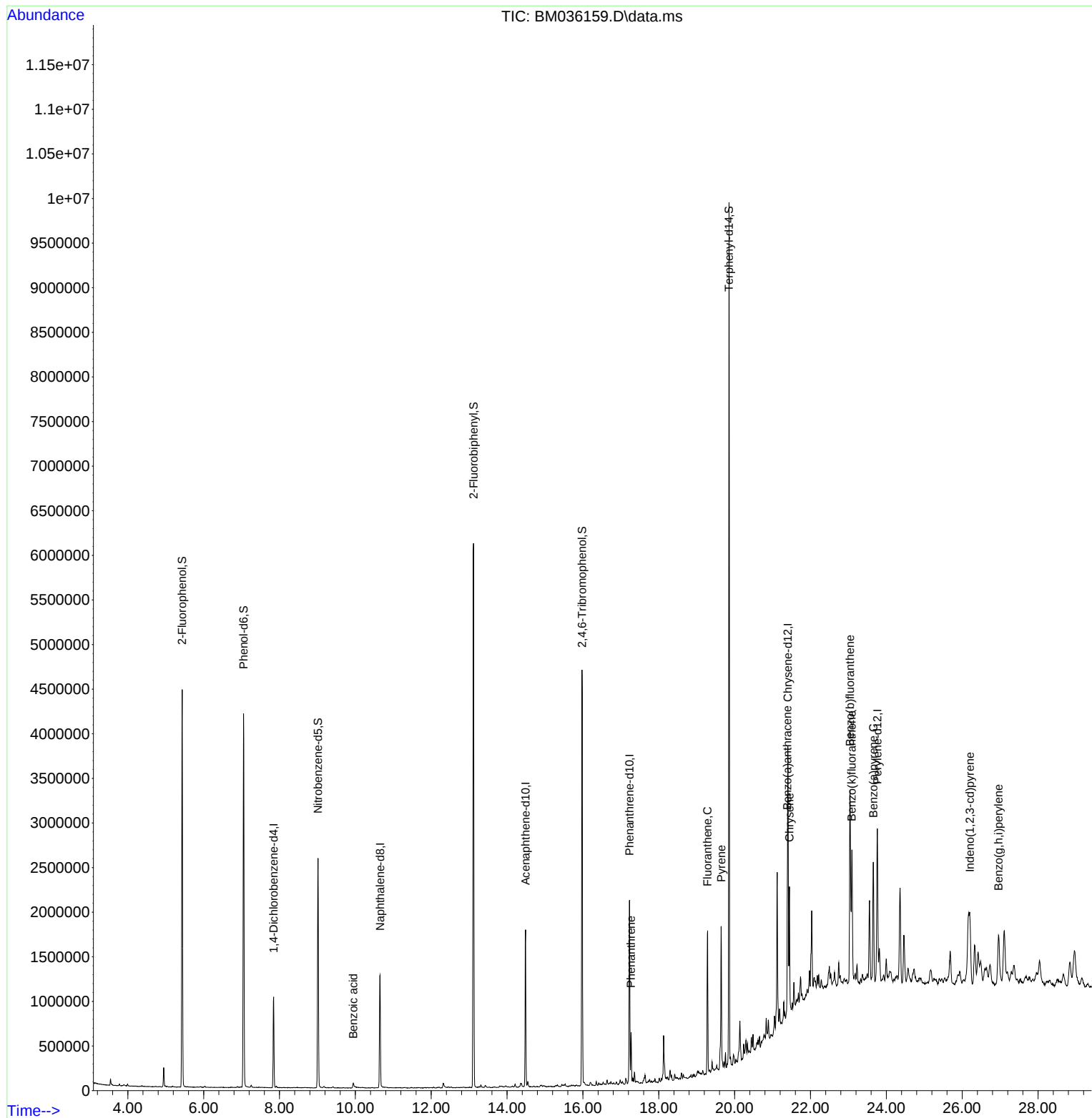
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036159.D
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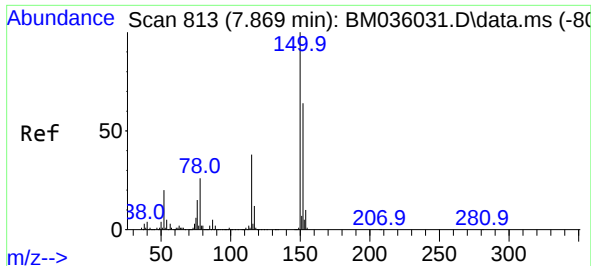
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Quant Time: Aug 09 01:34:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
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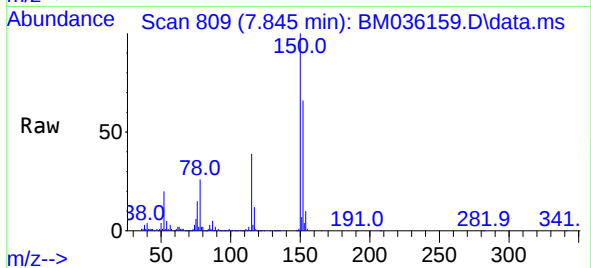
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

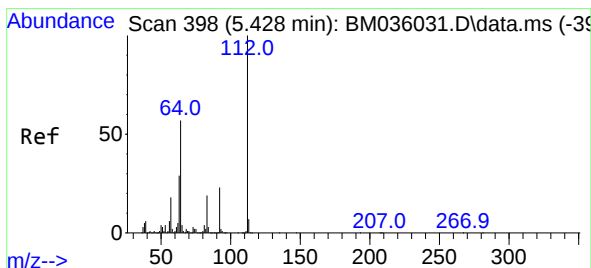
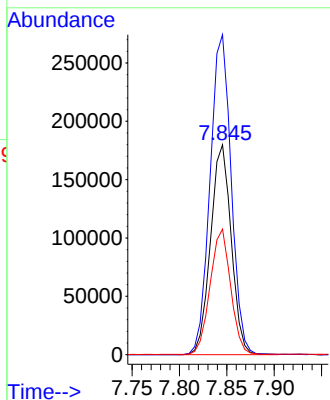
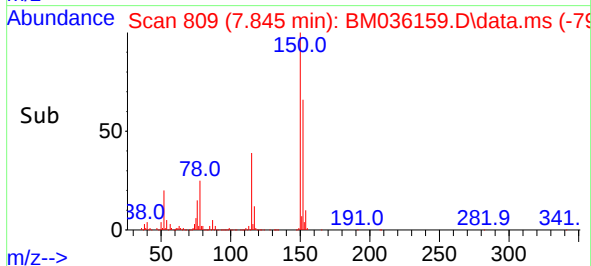
Instrument :
BNA_M
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RVE-204



Tgt Ion:152 Resp: 27272
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 59.8 47.9 71.9

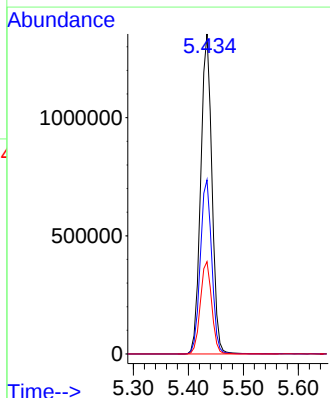
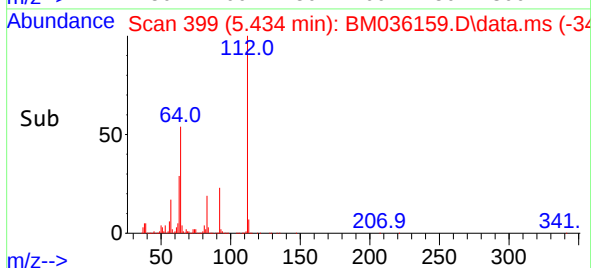
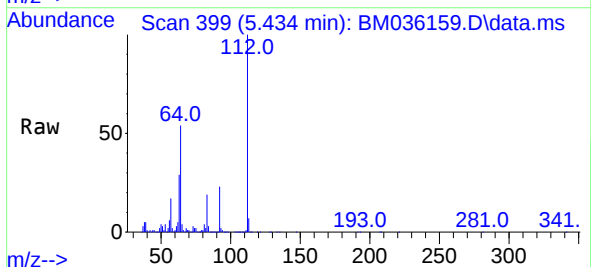
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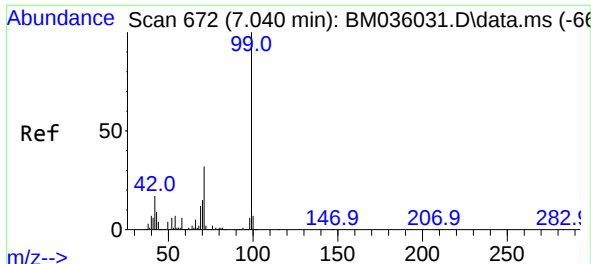
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#5
2-Fluorophenol
Concen: 114.375 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

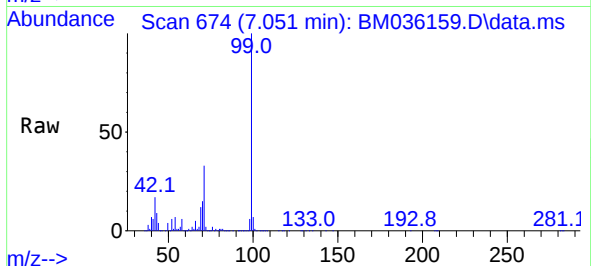
Tgt Ion:112 Resp: 1923985
Ion Ratio Lower Upper
112 100
64 54.4 47.8 71.6
63 28.8 26.6 40.0





#7
Phenol-d6
Concen: 111.057 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

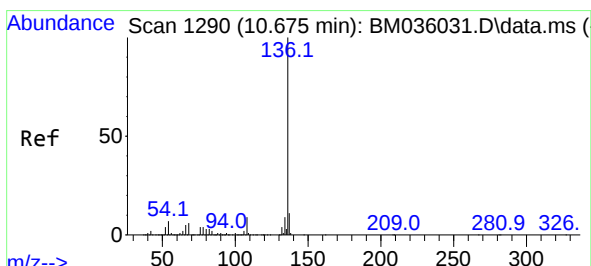
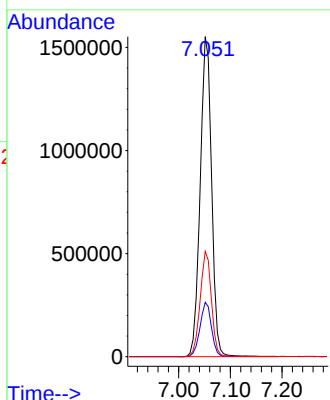
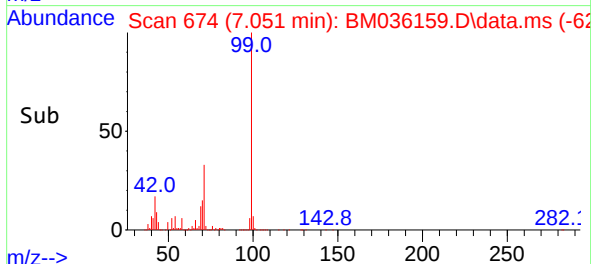
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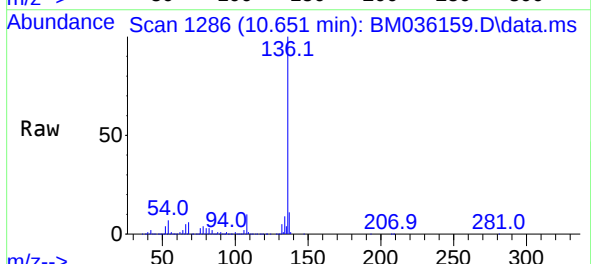
Tgt Ion: 99 Resp: 237711
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2
71 32.9 30.2 45.2

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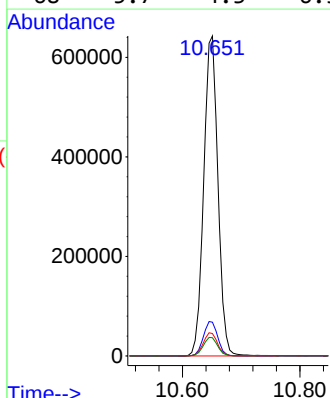
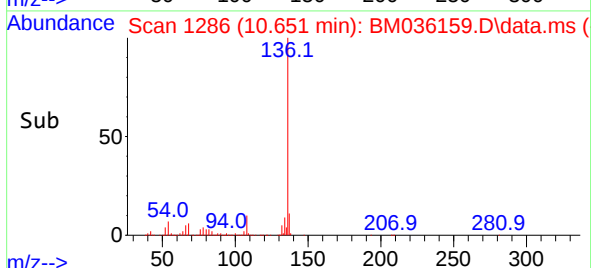
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

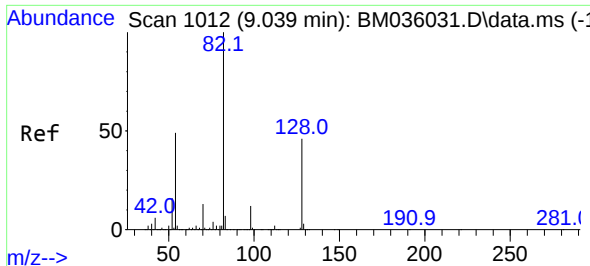


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



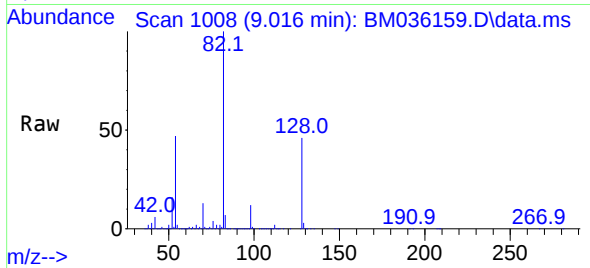
Tgt Ion:136 Resp: 1075610
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 7.0 10.4
68 5.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 75.749 ng
RT: 9.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

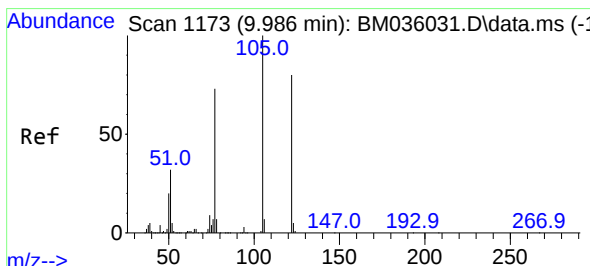
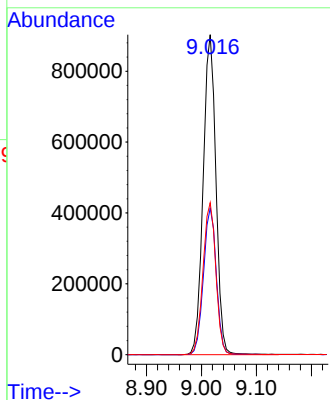
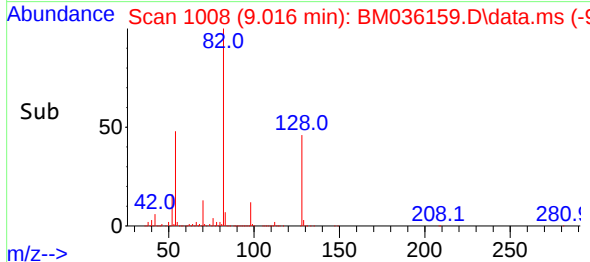
Instrument :
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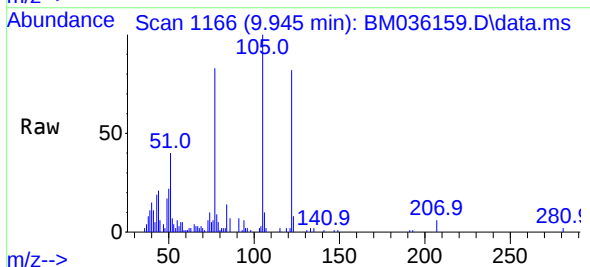
Tgt Ion: 82 Resp: 145554
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 47.5 43.2 64.8

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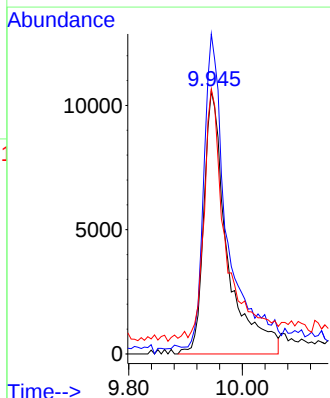
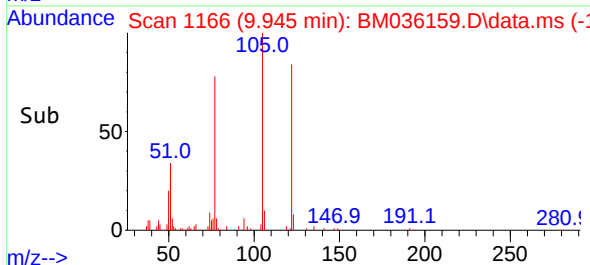
Reviewed By :Christian Giraldo 08/16/2022
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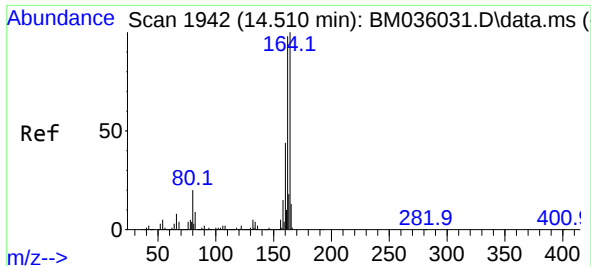


#32
Benzoic acid
Concen: 2.912 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.100 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



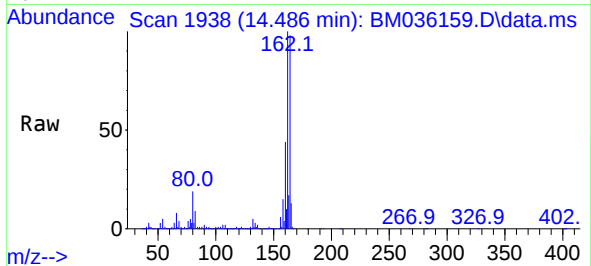
Tgt Ion:122 Resp: 30463
Ion Ratio Lower Upper
122 100
105 121.6 105.7 145.7
77 100.7 80.0 120.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

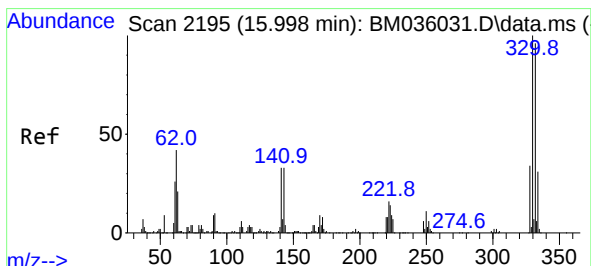
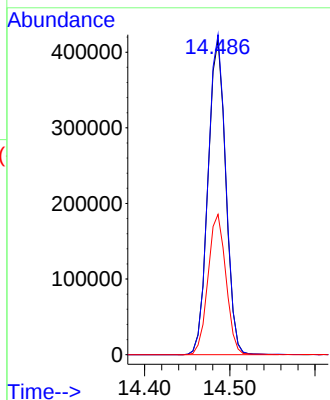
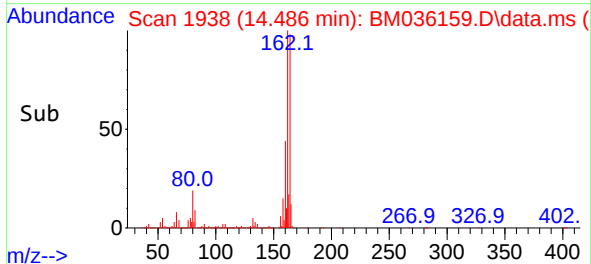
Instrument :
BNA_M
ClientSampleId :
RVE-204



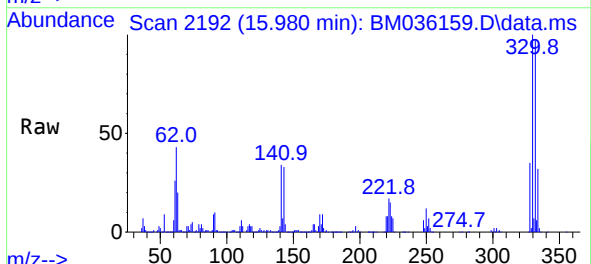
Tgt Ion:164 Resp: 60285
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 44.6 37.0 55.4

Manual Integrations
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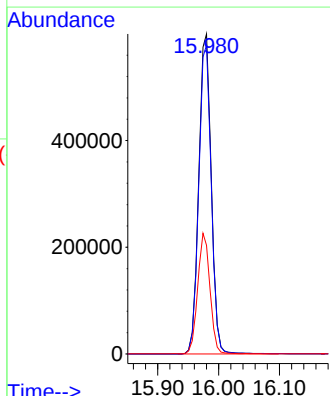
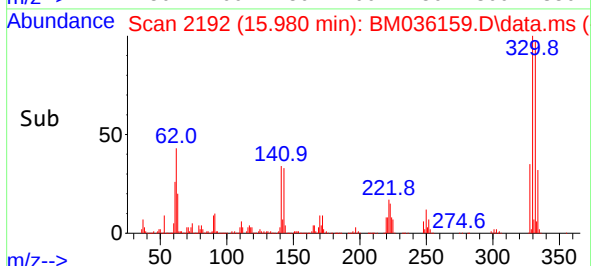
Reviewed By :Christian Giraldo 08/16/2022
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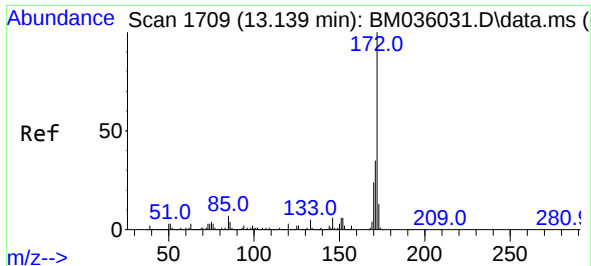


#42
2,4,6-Tribromophenol
Concen: 120.385 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



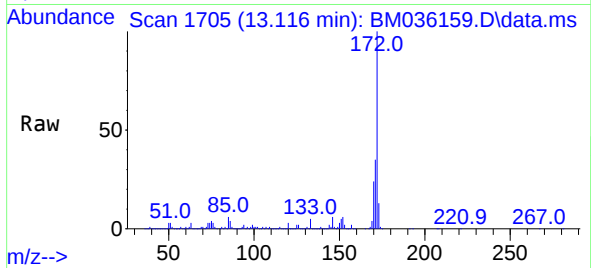
Tgt Ion:330 Resp: 851394
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 37.0 35.3 52.9





#45
2-Fluorobiphenyl
Concen: 77.159 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

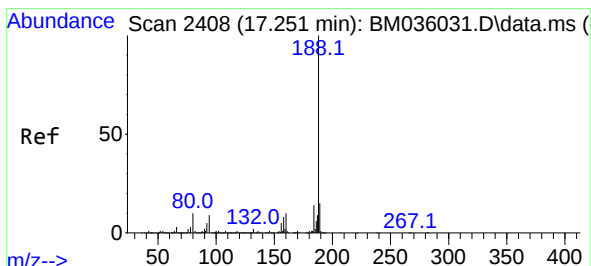
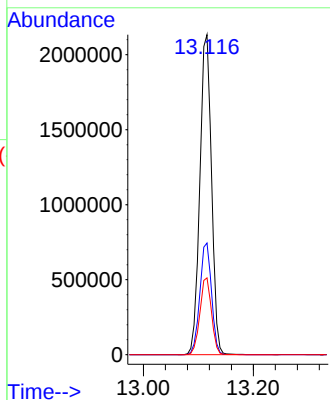
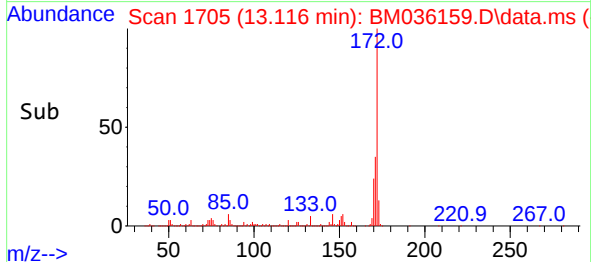
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Tgt Ion:172 Resp: 3150430
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 24.0 18.7 28.1

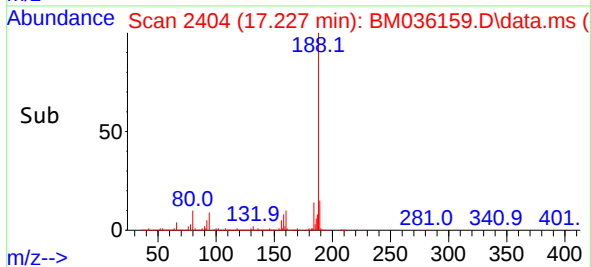
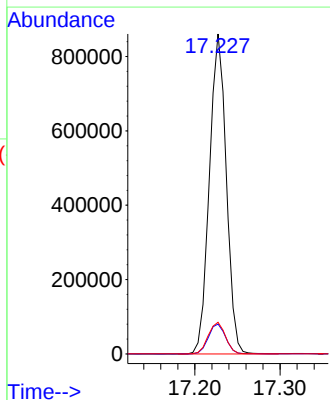
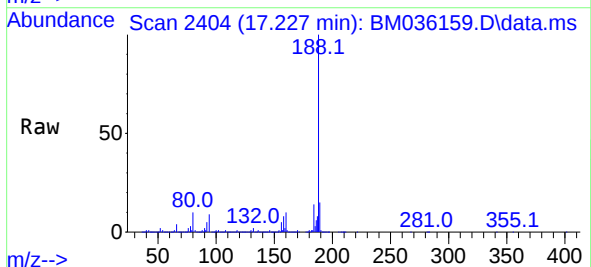
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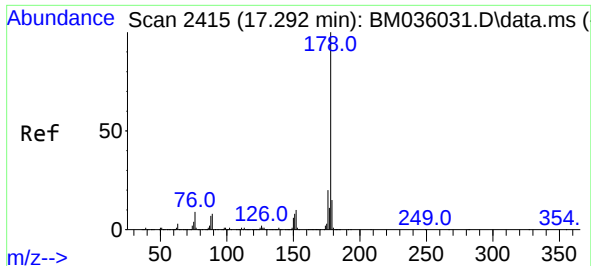
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

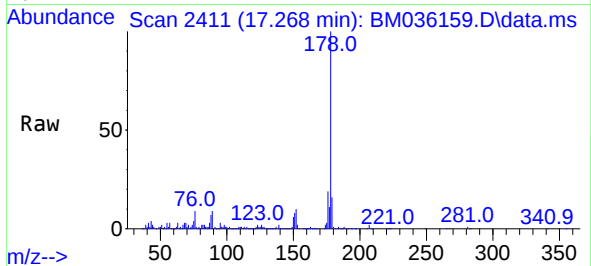
Tgt Ion:188 Resp: 1185816
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.9 7.6 11.4





#71
Phenanthrene
Concen: 4.649 ng
RT: 17.268 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

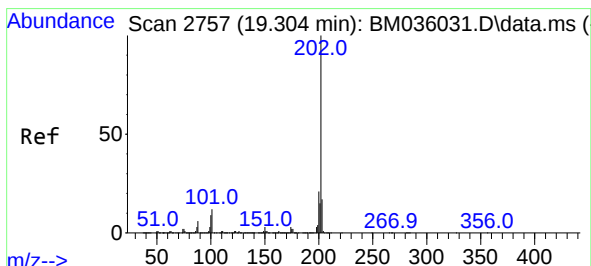
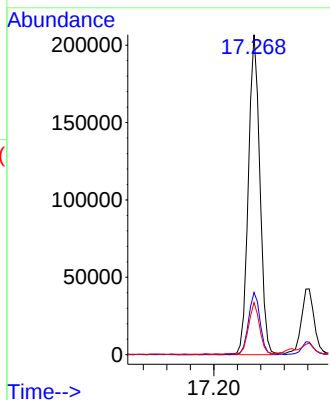
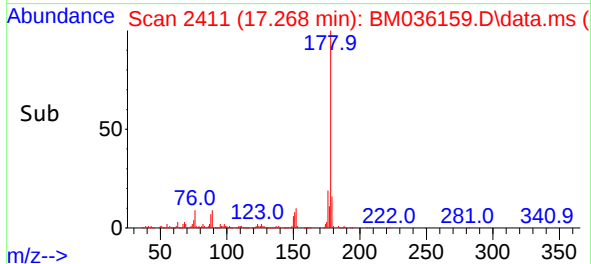
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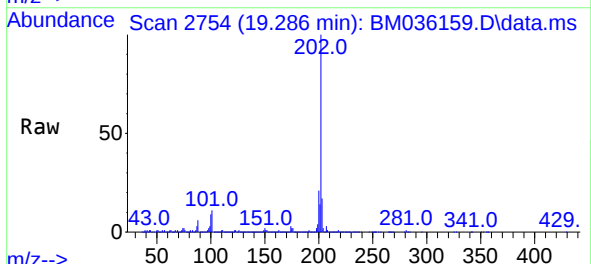
Tgt Ion:178 Resp: 28085
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.3 12.4 18.6

Manual Integrations
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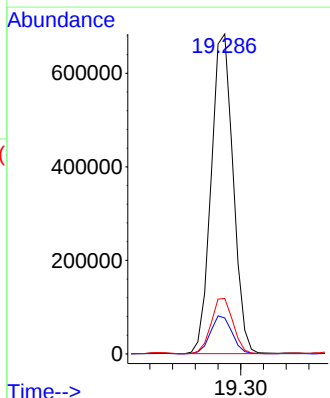
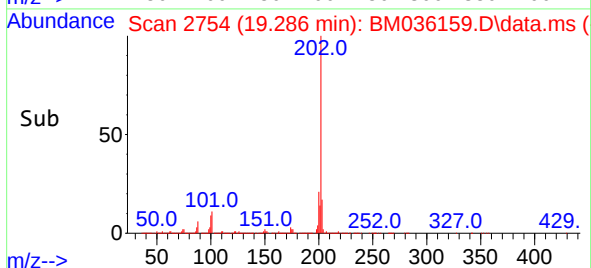
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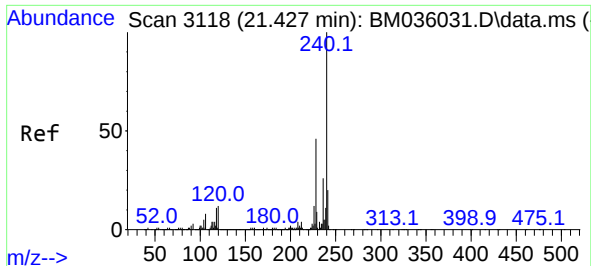


#75
Fluoranthene
Concen: 13.569 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



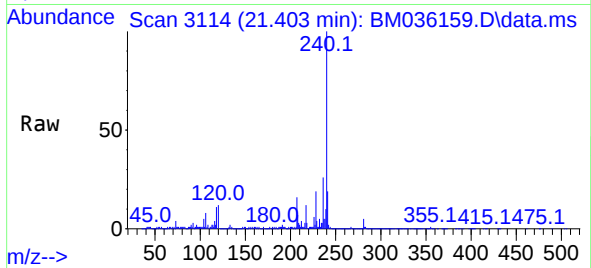
Tgt Ion:202 Resp: 917576
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.6
203 17.4 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3118
Delta R.T. -0.018 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

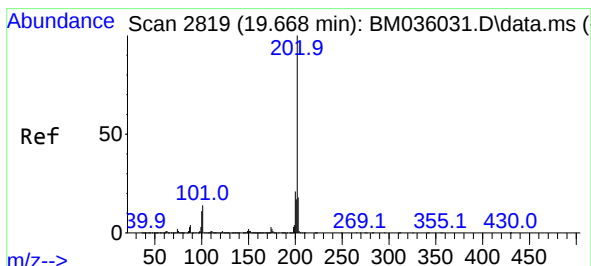
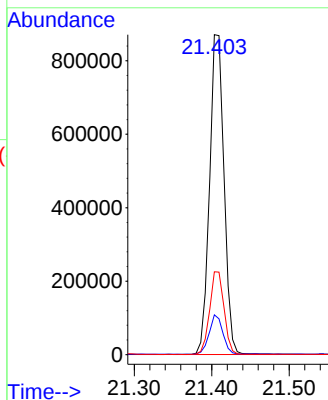
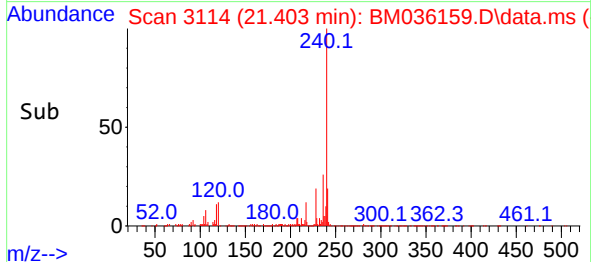
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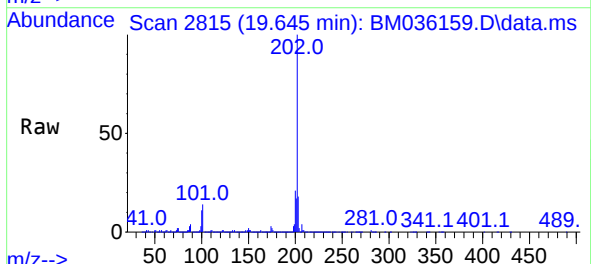
Tgt Ion:240 Resp: 1131908
Ion Ratio Lower Upper
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120 12.5 9.4 14.0
236 25.9 20.6 30.8

Manual Integrations
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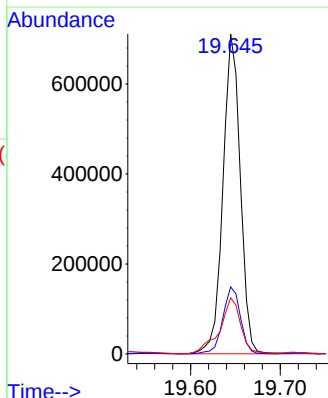
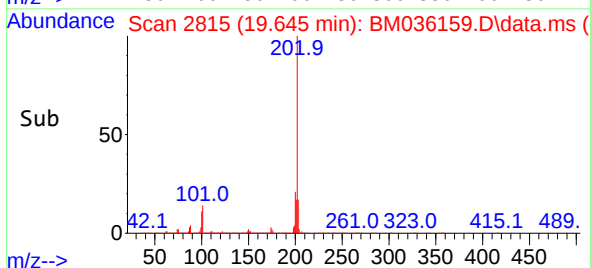
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

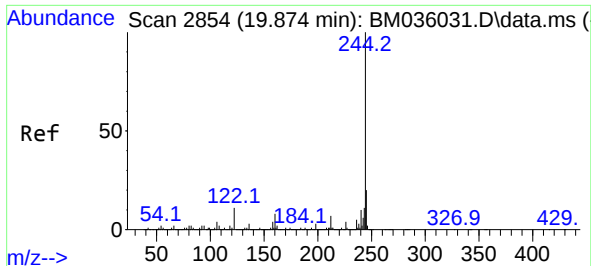


#78
Pyrene
Concen: 13.565 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



Tgt Ion:202 Resp: 952109
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 77.023 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

Instrument :

BNA_M

ClientSampleId :

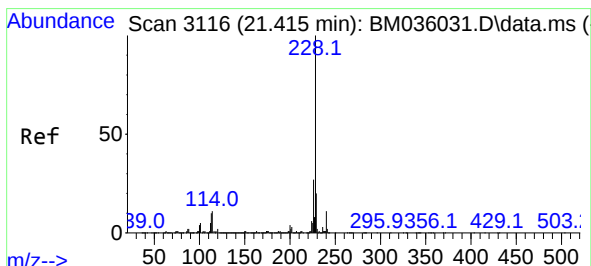
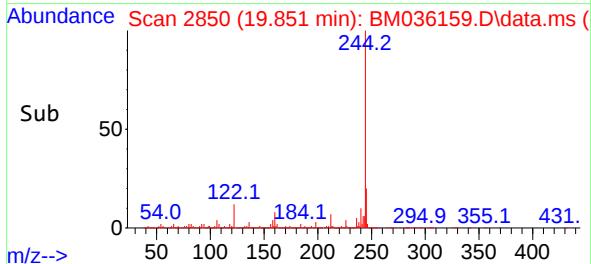
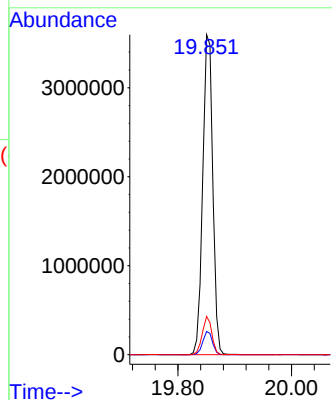
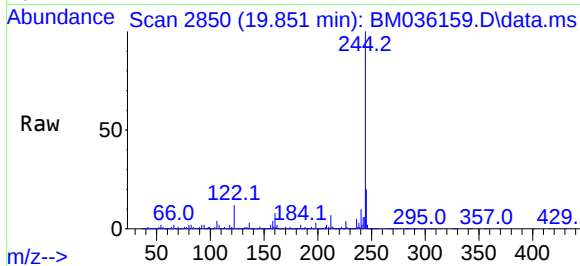
RVE-204

Tgt Ion:244 Resp: 442006
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 12.0 8.3 12.5

Manual Integrations

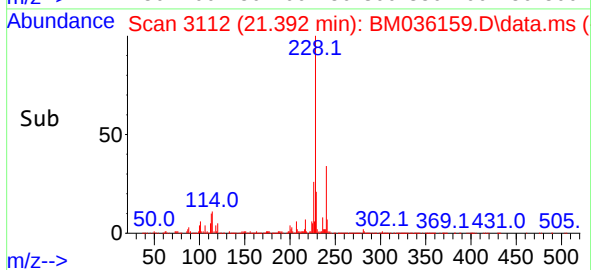
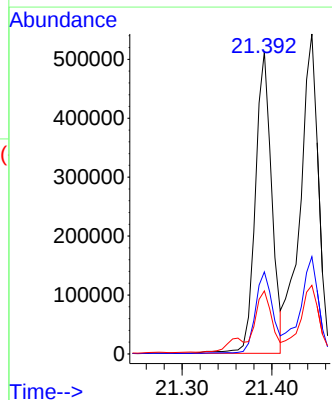
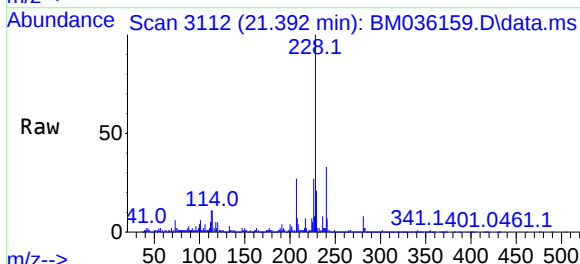
APPROVED

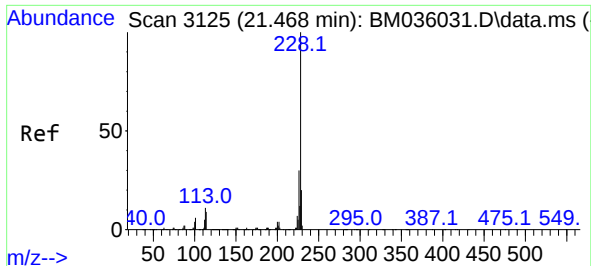
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#81
Benzo(a)anthracene
Concen: 9.283 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

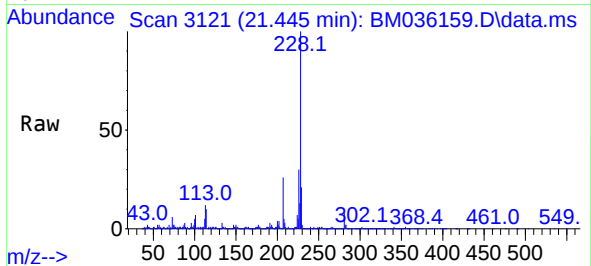
Tgt Ion:228 Resp: 647176
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.8 15.8 23.6





#83
Chrysene
Concen: 11.588 ng m
RT: 21.445 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

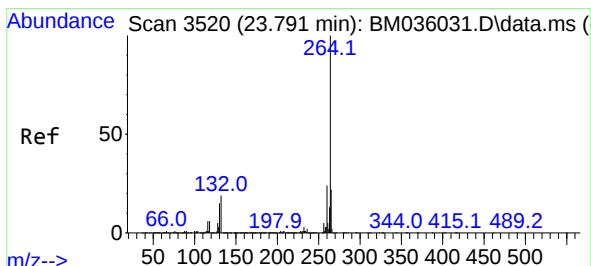
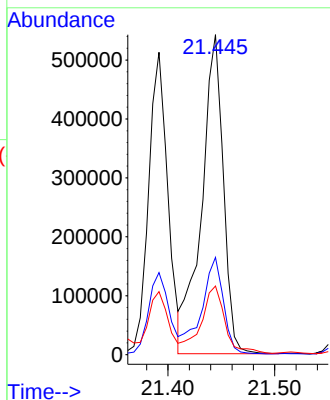
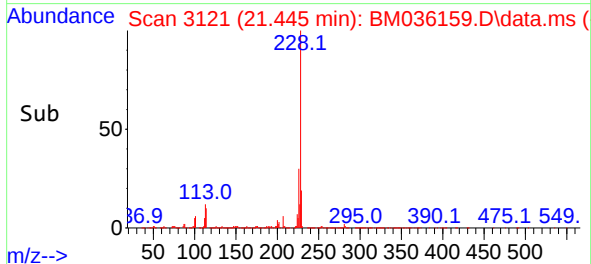
Instrument :
BNA_M
ClientSampleId :
RVE-204



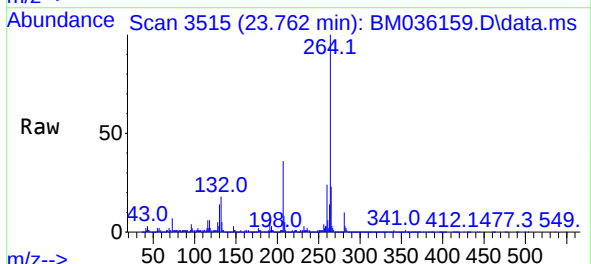
Tgt Ion:228 Resp: 767964
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 21.5 15.8 23.8

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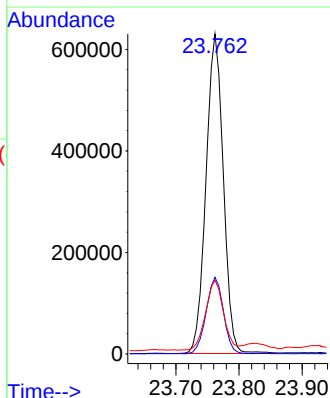
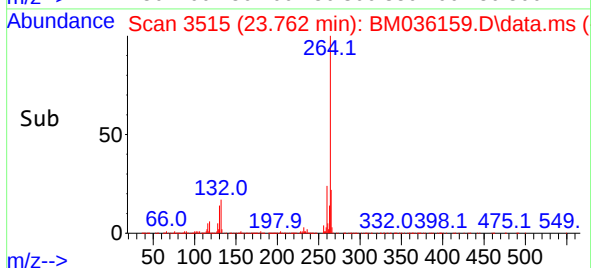
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

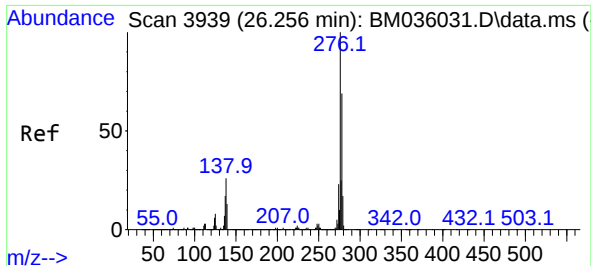


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



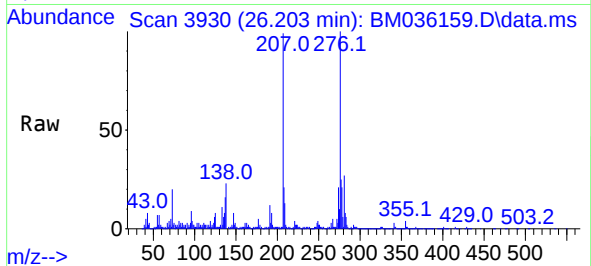
Tgt Ion:264 Resp: 1199699
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 23.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.068 ng
RT: 26.203 min Scan# 3939
Delta R.T. -0.029 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

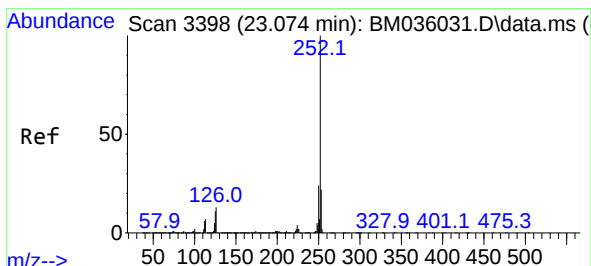
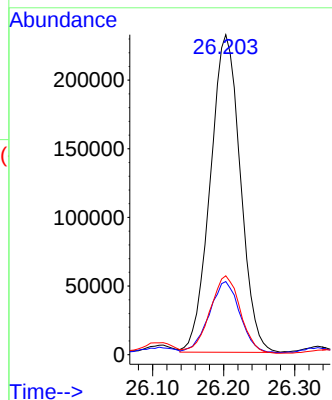
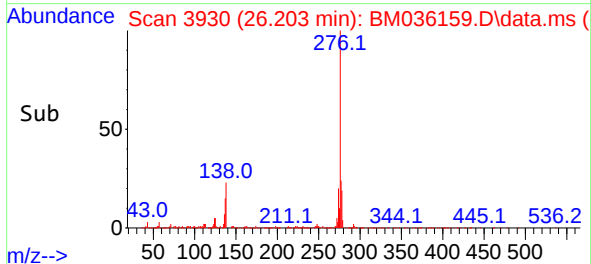
Instrument :
BNA_M
ClientSampleId :
RVE-204



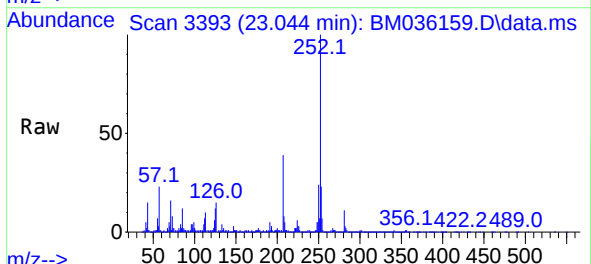
Tgt Ion: 276 Resp: 68022
Ion Ratio Lower Upper
276 100
138 22.8 20.2 30.4
277 24.6 20.2 30.2

Manual Integrations
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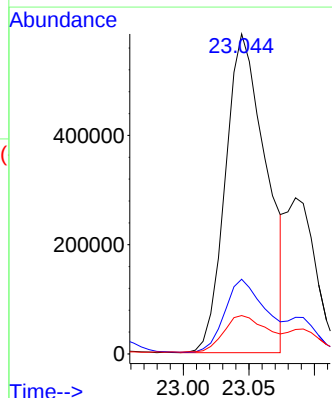
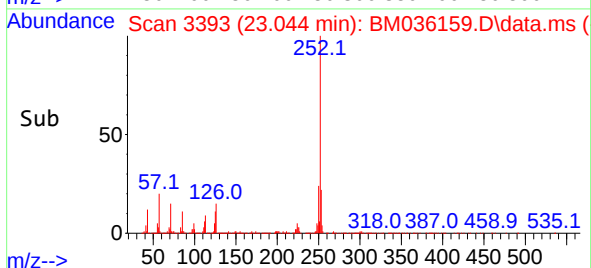
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022

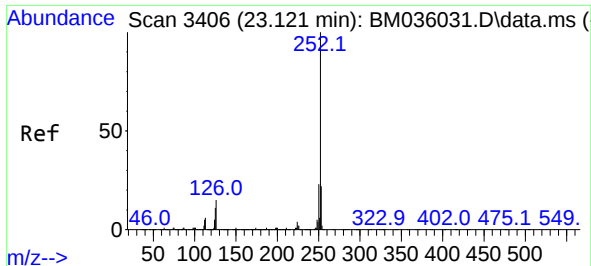


#88
Benzo(b)fluoranthene
Concen: 17.935 ng
RT: 23.044 min Scan# 3393
Delta R.T. -0.018 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



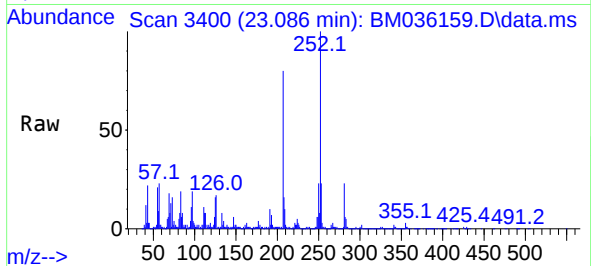
Tgt Ion: 252 Resp: 1260654
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 12.0 7.6 11.4#





#89
Benzo(k)fluoranthene
Concen: 6.183 ng m
RT: 23.086 min Scan# 34
Delta R.T. -0.023 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

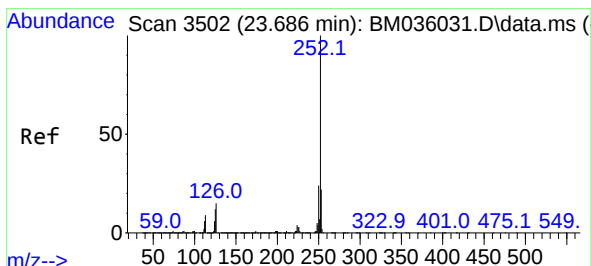
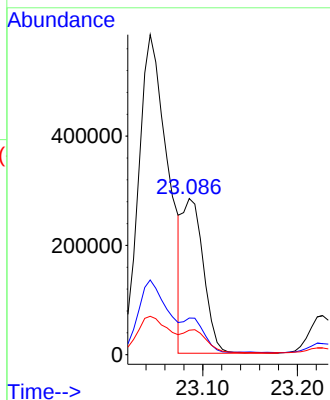
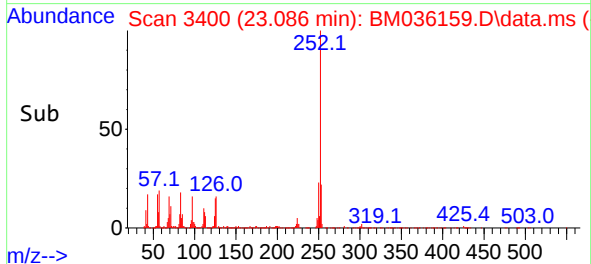
Instrument :
BNA_M
ClientSampleId :
RVE-204



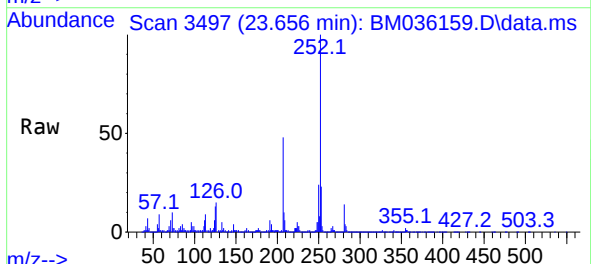
Tgt Ion:252 Resp: 43893
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 15.7 7.6 11.4

Manual Integrations
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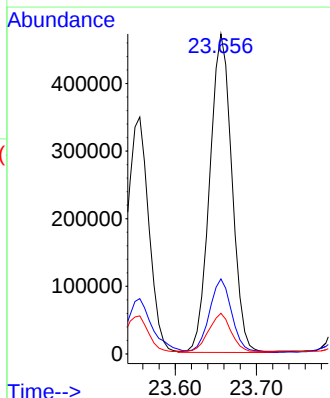
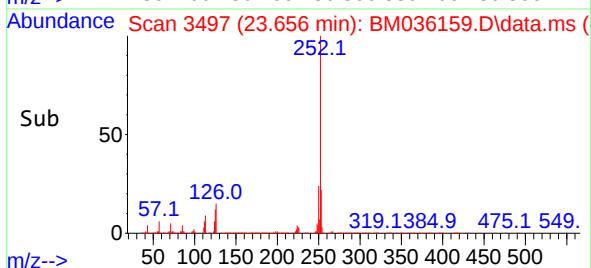
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

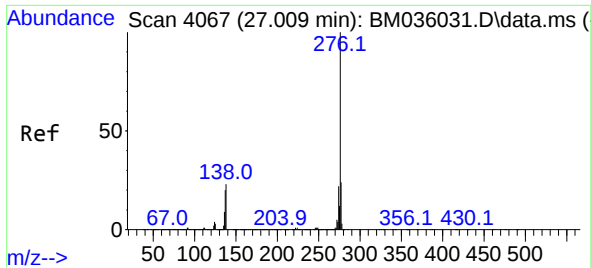


#90
Benzo(a)pyrene
Concen: 15.162 ng
RT: 23.656 min Scan# 3497
Delta R.T. -0.018 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17



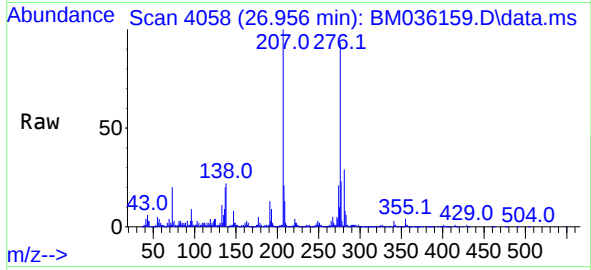
Tgt Ion:252 Resp: 894191
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 12.7 8.7 13.1





#92
Benzo(g,h,i)perylene
Concen: 10.433 ng
RT: 26.956 min Scan# 40
Delta R.T. -0.035 min
Lab File: BM036159.D
Acq: 09 Aug 2022 00:17

Instrument :
BNA_M
ClientSampleId :
RVE-204



Tgt Ion:276 Resp: 712794
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 23.8 17.6 26.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

