

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035398.D
 Acq On : 03 Jun 2022 16:56
 Operator : CG/JU
 Sample : N3143-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220425-AMENDED-COMP-E

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

Quant Time: Jun 04 00:45:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	164506	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	610041	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	391735	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	811042	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	838002	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	961538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	98531	12.586	ng	0.00
7) Phenol-d6	7.034	99	624243	58.375	ng	0.00
23) Nitrobenzene-d5	9.010	82	956510	99.559	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	53041	8.439	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2524386	92.555	ng	0.00
79) Terphenyl-d14	19.862	244	3509720	83.440	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.274	178	204312	4.977	ng	98
75) Fluoranthene	19.298	202	402787	8.128	ng	97
78) Pyrene	19.656	202	375503	7.389	ng	99
81) Benzo(a)anthracene	21.403	228	206600	4.016	ng	96
83) Chrysene	21.456	228	188455m	3.836	ng	
87) Indeno(1,2,3-cd)pyrene	26.221	276	130648	2.048	ng	# 93
88) Benzo(b)fluoranthene	23.068	252	264781	4.781	ng	# 91
90) Benzo(a)pyrene	23.674	252	206305	4.375	ng	# 93
92) Benzo(g,h,i)perylene	26.974	276	130786	2.547	ng	98

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

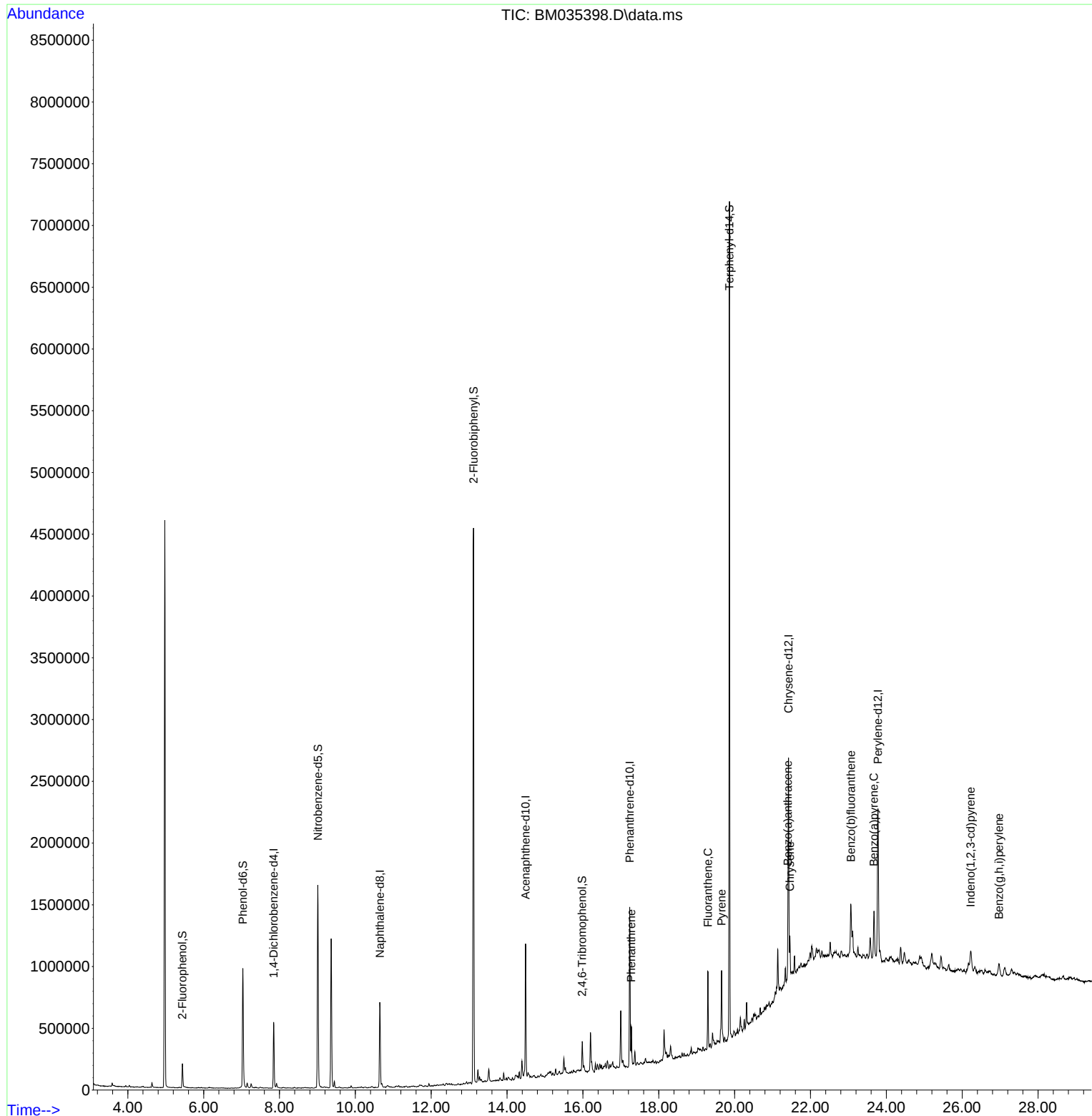
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035398.D
Acq On : 03 Jun 2022 16:56
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ALS Vial : 13 Sample Multiplier: 1

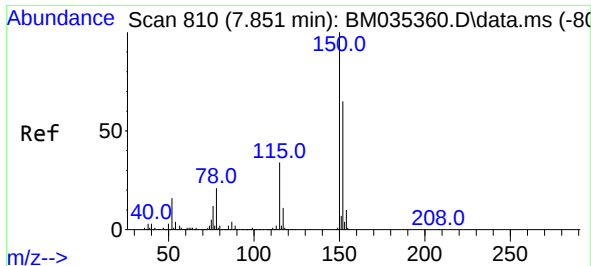
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Quant Time: Jun 04 00:45:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

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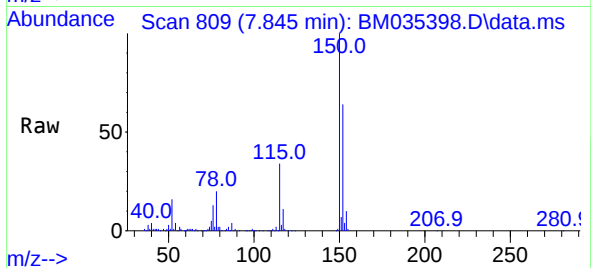
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

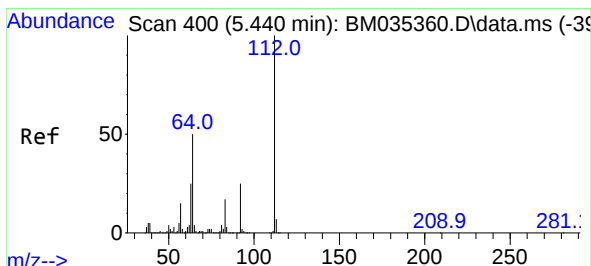
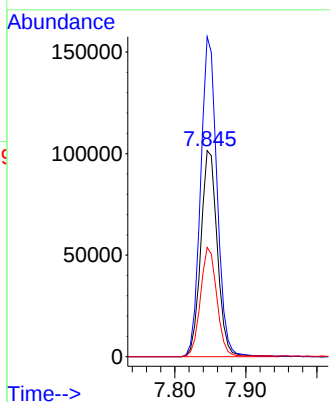
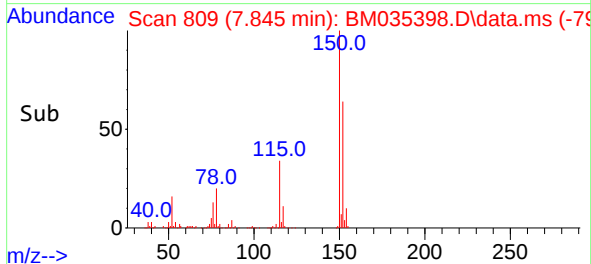
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E



Tgt Ion:152 Resp: 164500
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 53.1 47.9 71.9

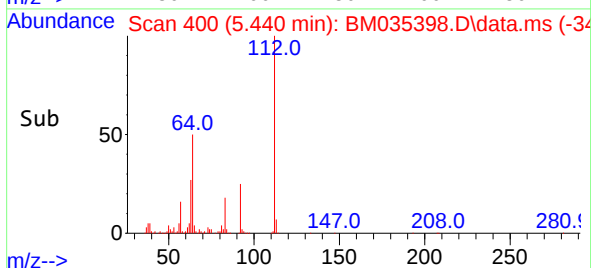
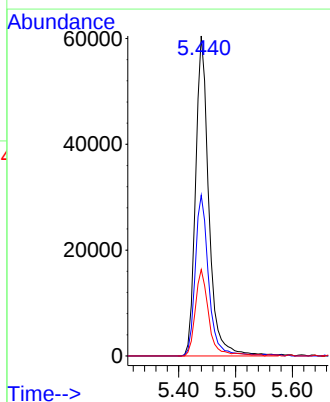
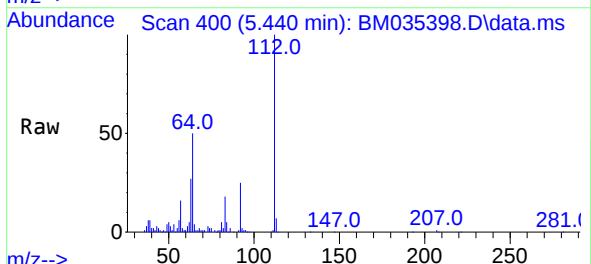
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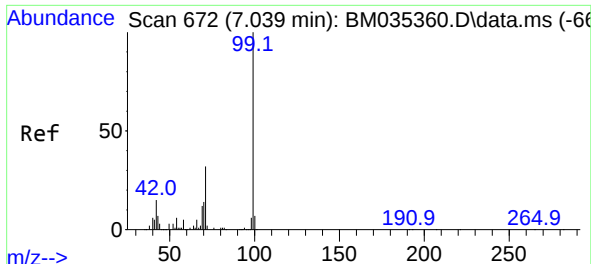
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#5
2-Fluorophenol
Concen: 12.586 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Tgt Ion:112 Resp: 98531
Ion Ratio Lower Upper
112 100
64 50.2 47.8 71.6
63 27.0 26.6 40.0





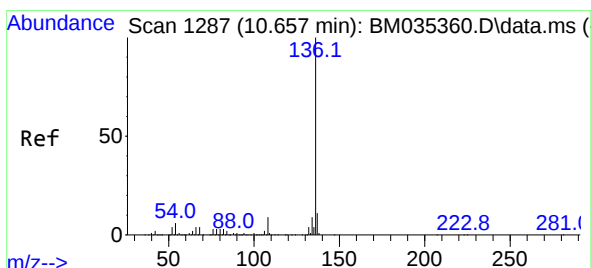
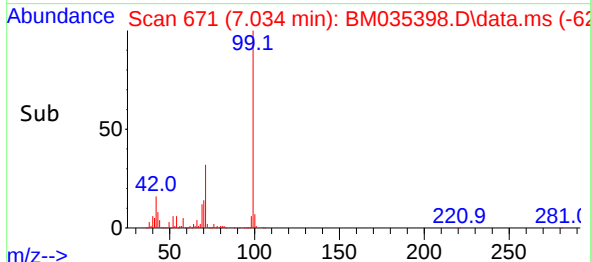
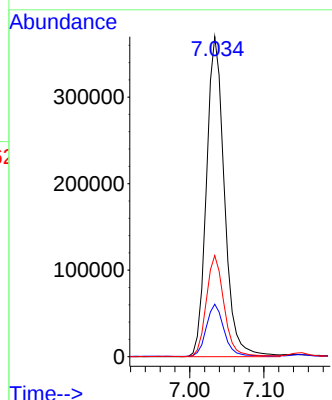
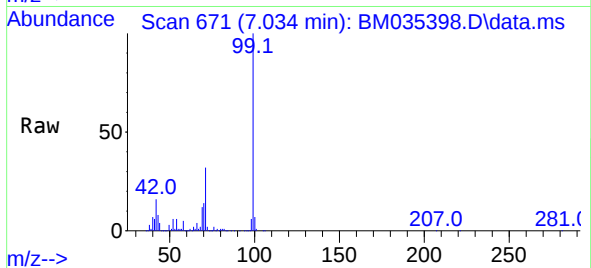
#7
Phenol-d6
Concen: 58.375 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E

Tgt Ion: 99 Resp: 62424
Ion Ratio Lower Upper
99 100
42 16.4 18.8 28.2
71 31.6 30.2 45.2

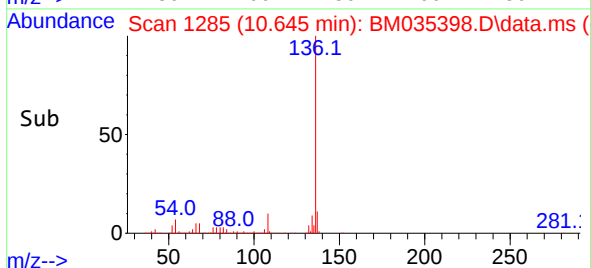
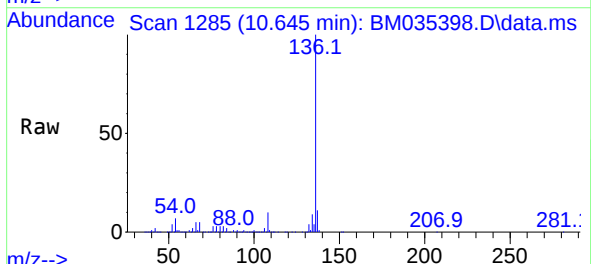
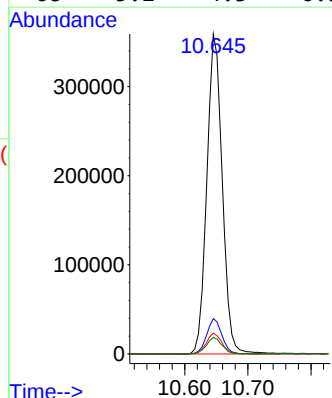
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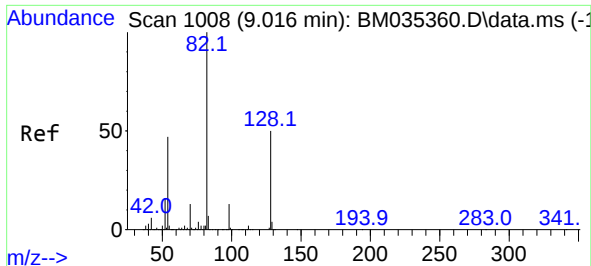
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

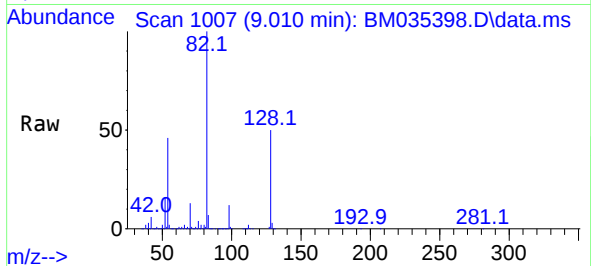
Tgt Ion:136 Resp: 610041
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 7.0 10.4
68 5.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

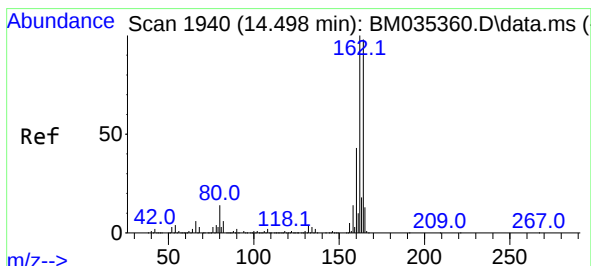
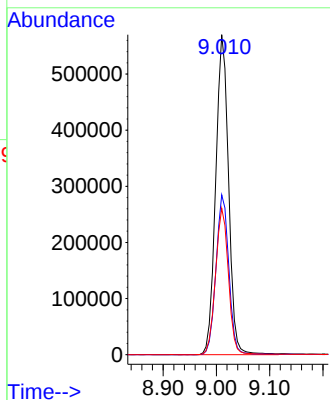
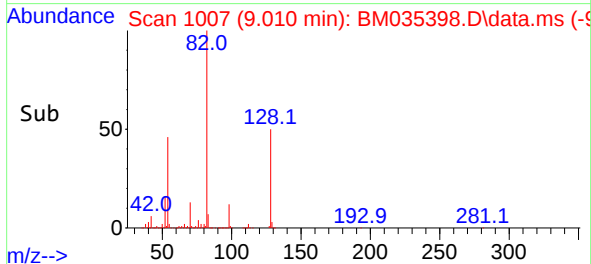
Instrument : BNA_M
ClientSampleId : 20220425-AMENDED-COMP-E



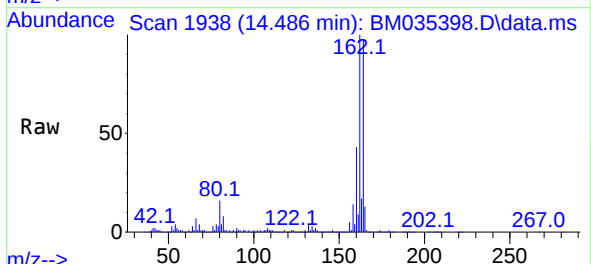
Tgt Ion: 82 Resp: 956510
Ion Ratio Lower Upper
82 100
128 49.9 33.7 50.5
54 45.8 43.2 64.8

Manual Integrations
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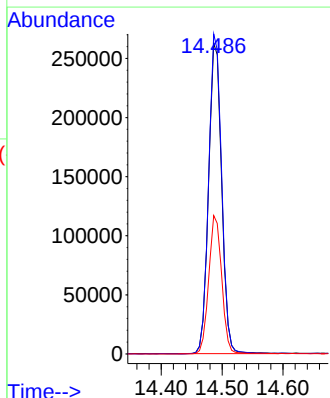
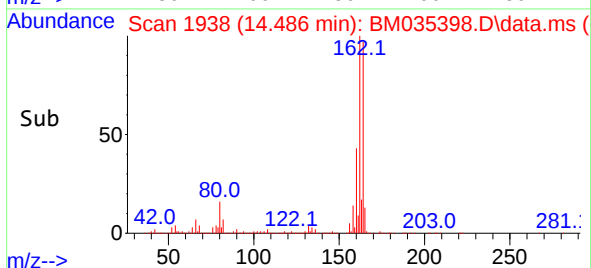
Reviewed By :Christian Giraldo 06/06/2022
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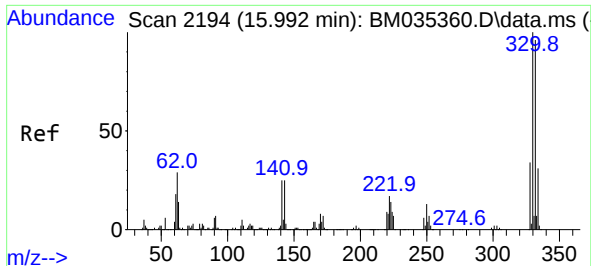


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56



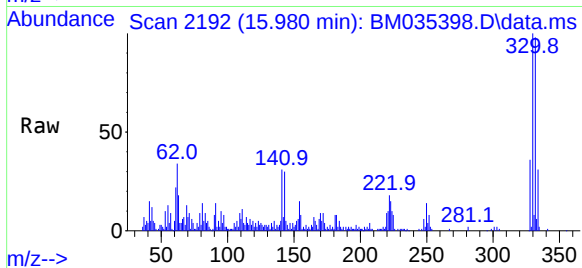
Tgt Ion:164 Resp: 391735
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 44.6 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 8.439 ng
RT: 15.980 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

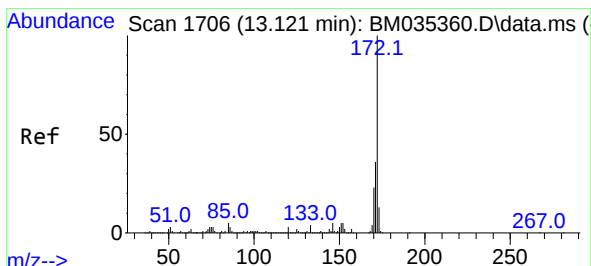
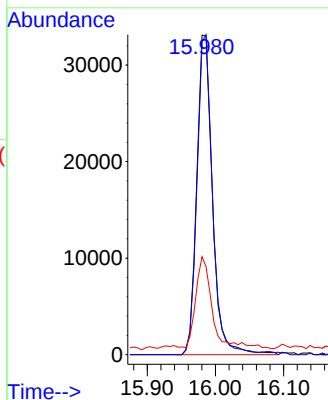
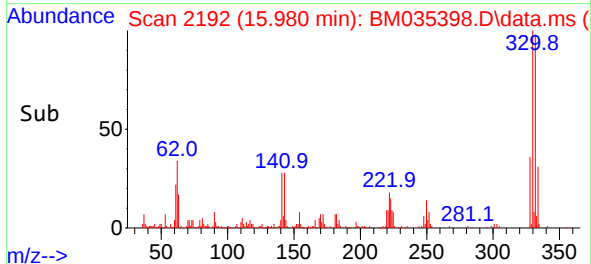
Instrument :
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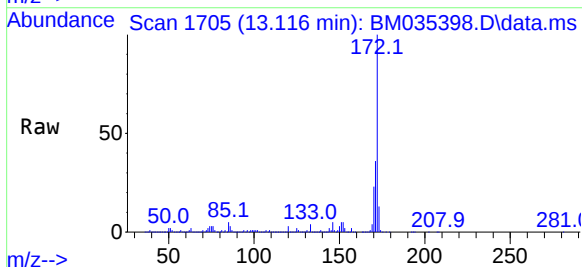
Tgt Ion:330 Resp: 5304
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.4
141 30.8 35.3 52.9

Manual Integrations
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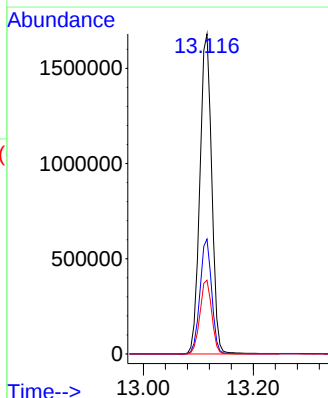
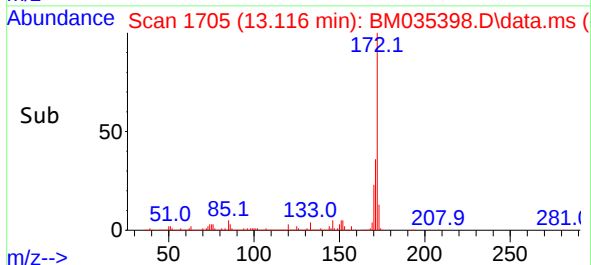
Reviewed By :Christian Giraldo 06/06/2022
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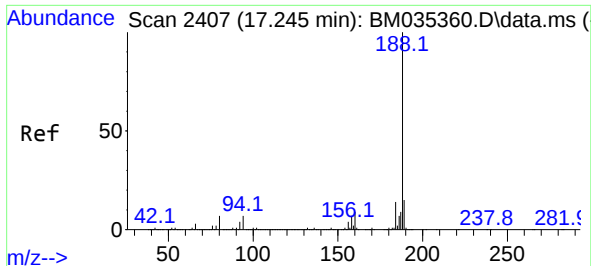


#45
2-Fluorobiphenyl
Concen: 92.555 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56



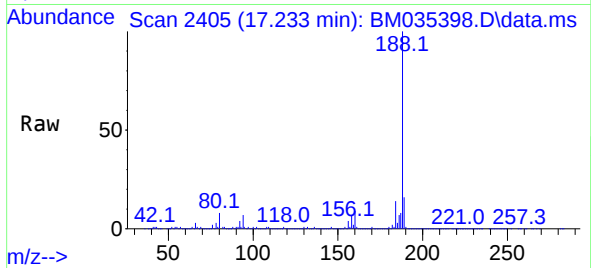
Tgt Ion:172 Resp: 2524386
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.0 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

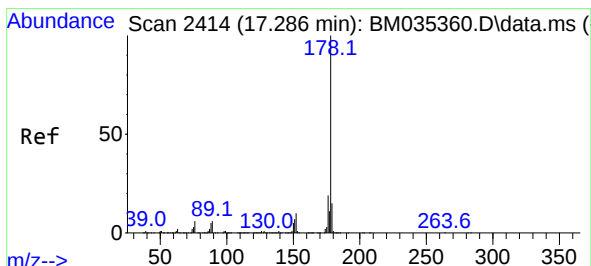
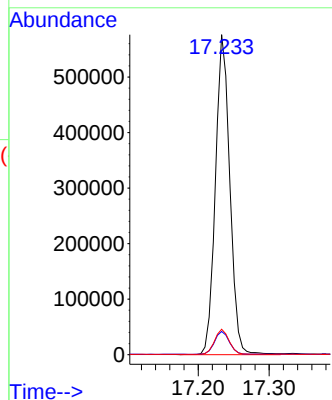
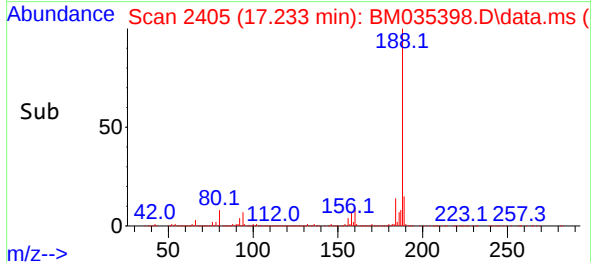
Instrument :
BNA_M
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20220425-AMENDED-COMP-E



Tgt Ion:188 Resp: 81104
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.0 7.6 11.4

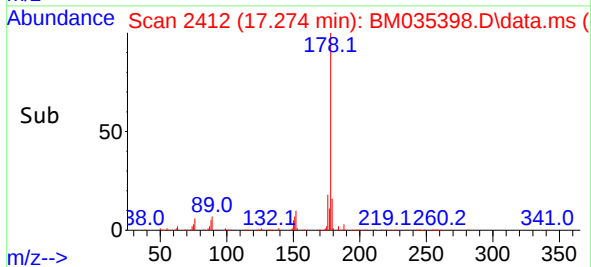
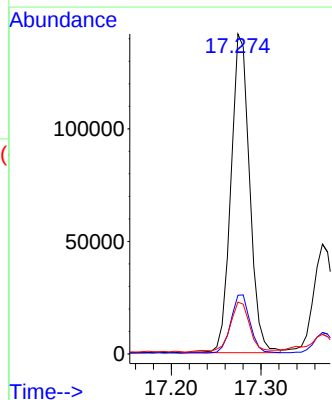
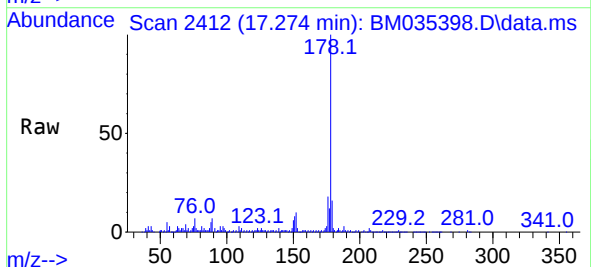
Manual Integrations
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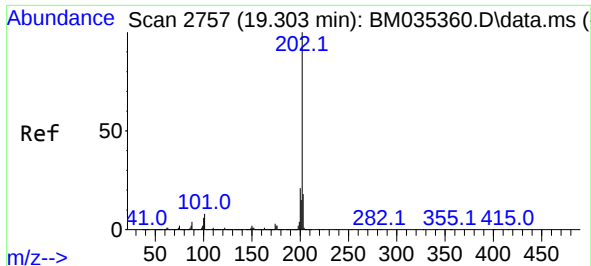
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#71
Phenanthrene
Concen: 4.977 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

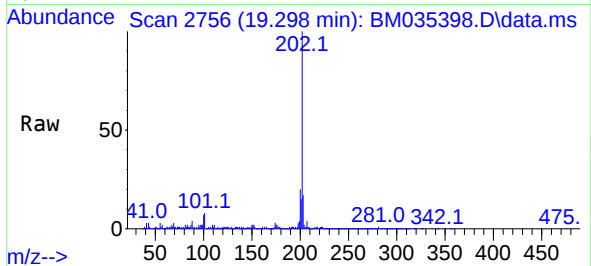
Tgt Ion:178 Resp: 204312
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 16.2 12.4 18.6





#75
Fluoranthene
Concen: 8.128 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

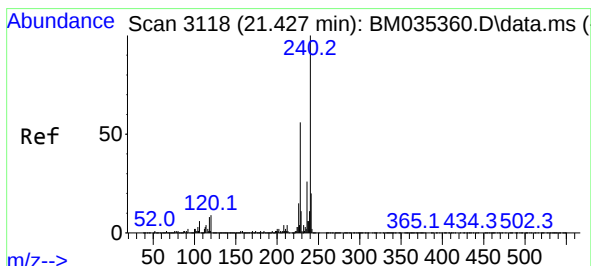
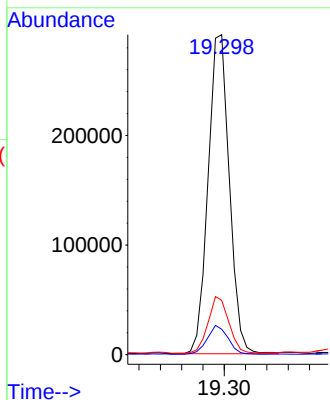
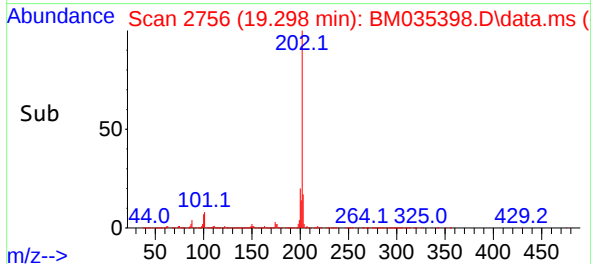
Instrument :
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Tgt Ion:202 Resp: 40278
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.6
203 17.0 0.0 37.4

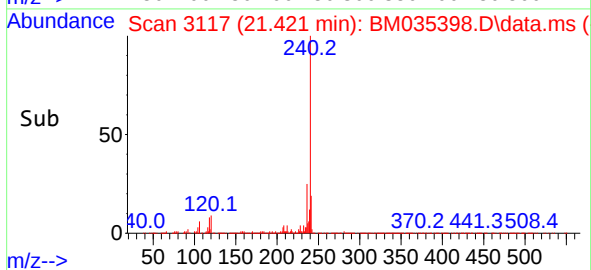
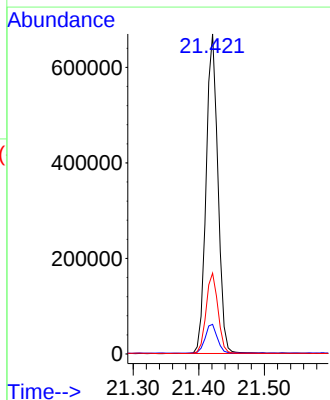
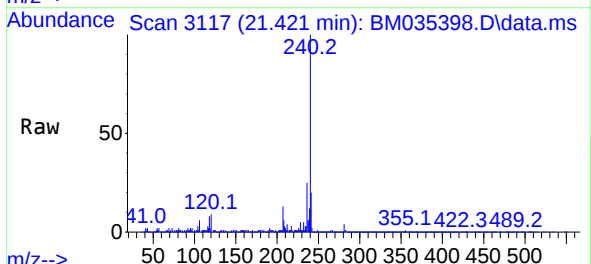
Manual Integrations
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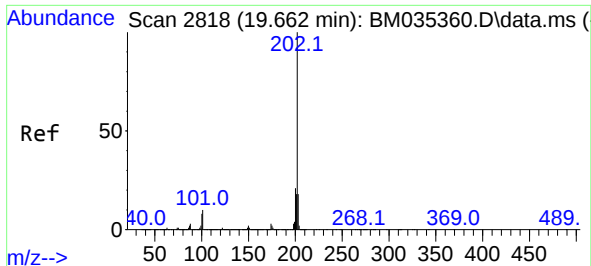
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

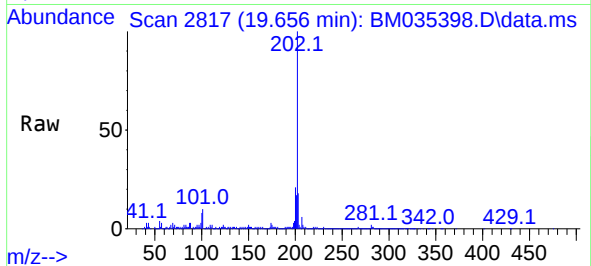
Tgt Ion:240 Resp: 838002
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.0#
236 25.2 20.6 30.8





#78
Pyrene
Concen: 7.389 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

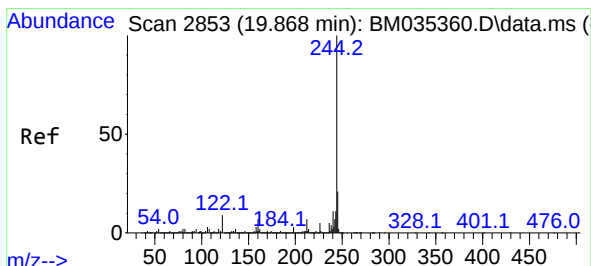
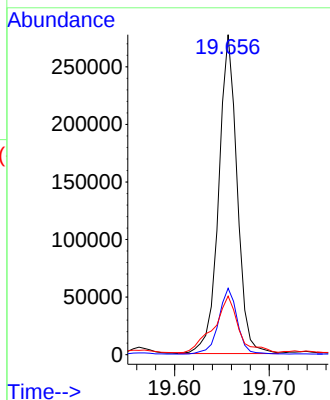
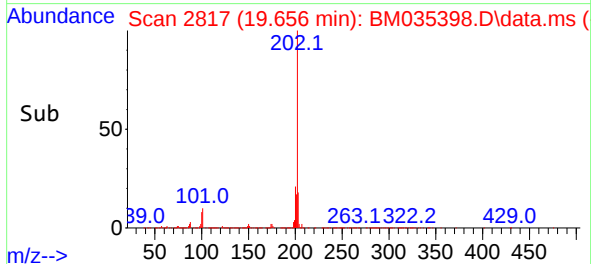
Instrument : BNA_M
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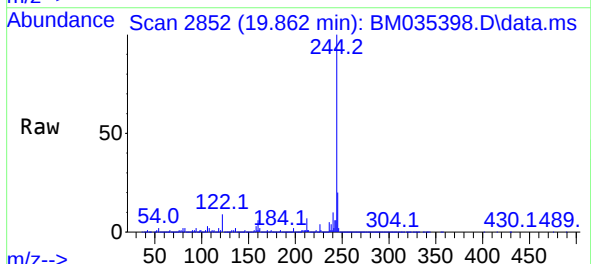
Tgt Ion:202 Resp: 375500
Ion Ratio Lower Upper
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200 20.8 16.7 25.1
203 18.3 13.9 20.9

Manual Integrations
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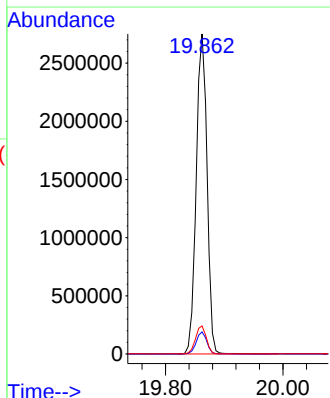
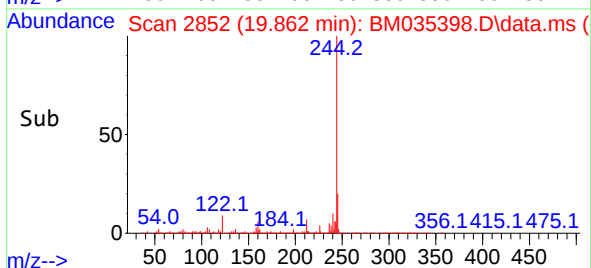
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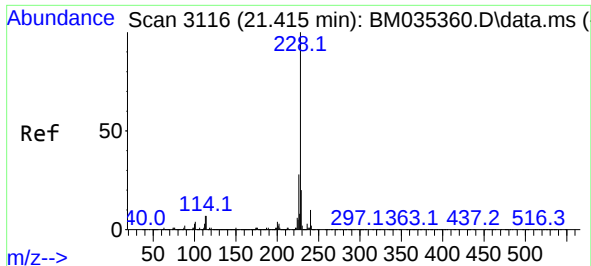


#79
Terphenyl-d14
Concen: 83.440 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56



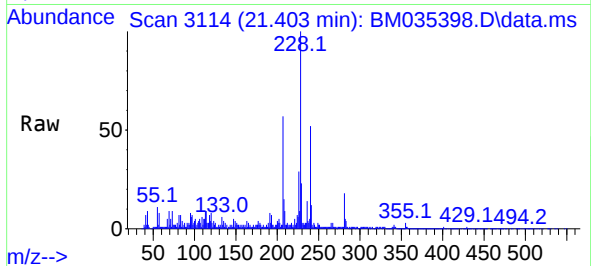
Tgt Ion:244 Resp: 3509720
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 8.8 8.3 12.5





#81
Benzo(a)anthracene
Concen: 4.016 ng
RT: 21.403 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

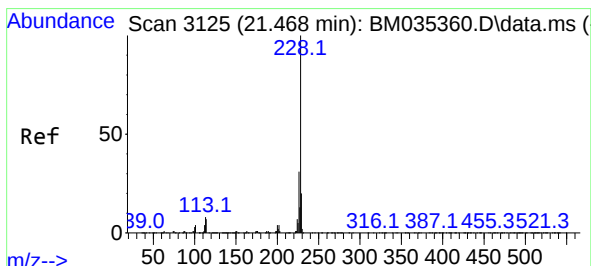
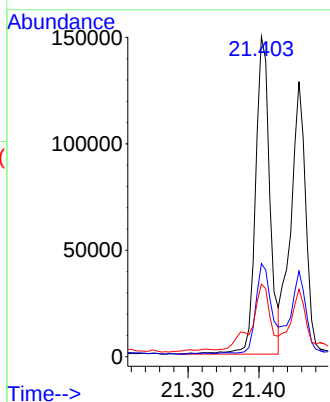
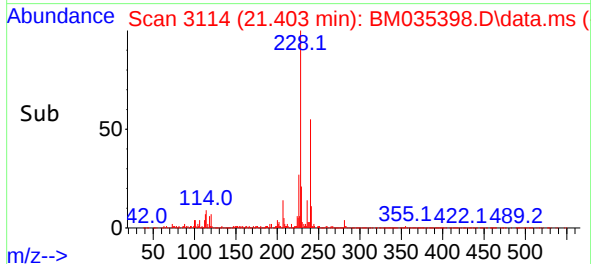
Instrument : BNA_M
ClientSampleId : 20220425-AMENDED-COMP-E



Tgt Ion:228 Resp: 206600
Ion Ratio Lower Upper
228 100
226 29.1 22.3 33.5
229 22.7 15.8 23.6

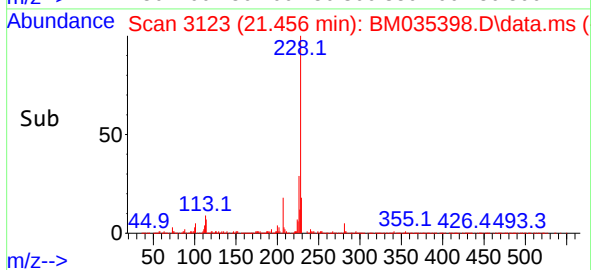
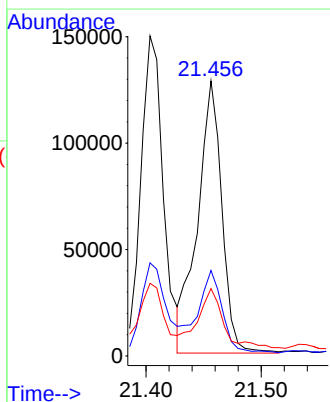
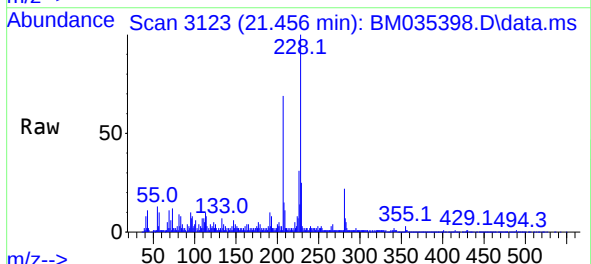
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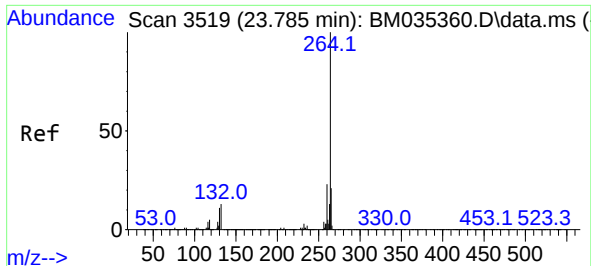
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#83
Chrysene
Concen: 3.836 ng m
RT: 21.456 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

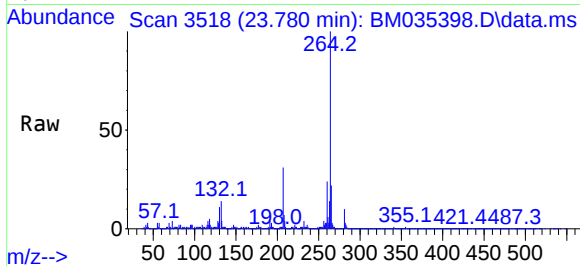
Tgt Ion:228 Resp: 188455
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 24.5 15.8 23.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

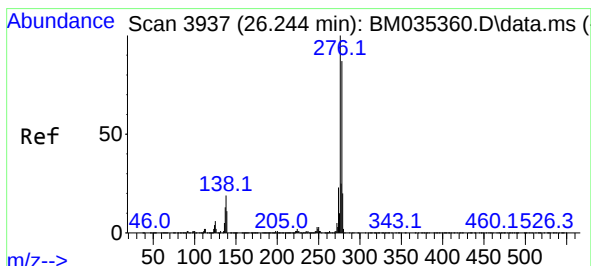
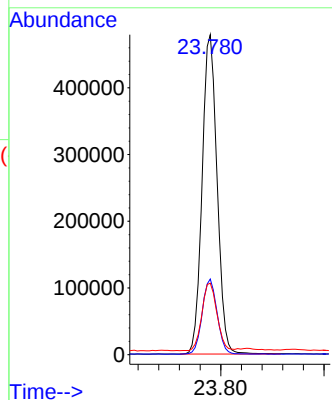
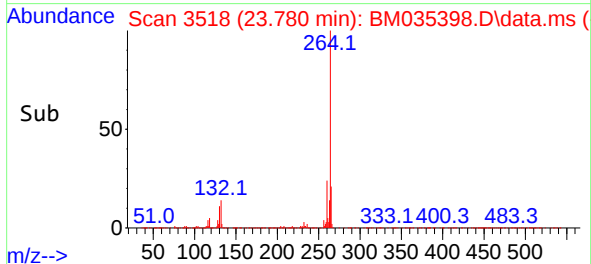
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E



Tgt Ion:264 Resp: 961538
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 22.3 17.5 26.3

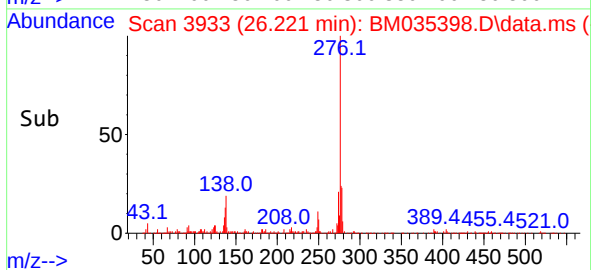
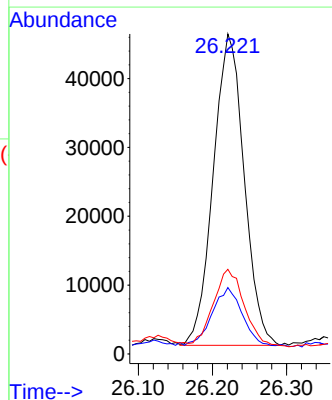
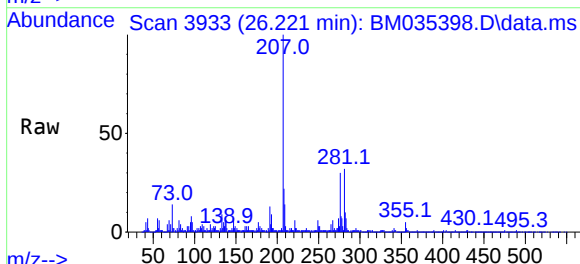
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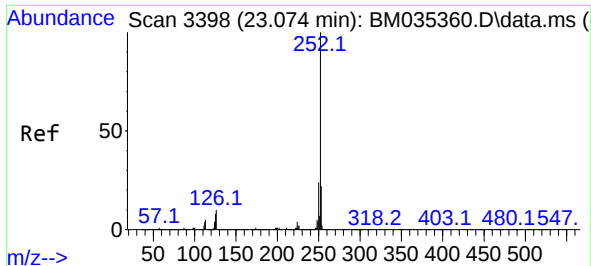
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.048 ng
RT: 26.221 min Scan# 3933
Delta R.T. -0.023 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

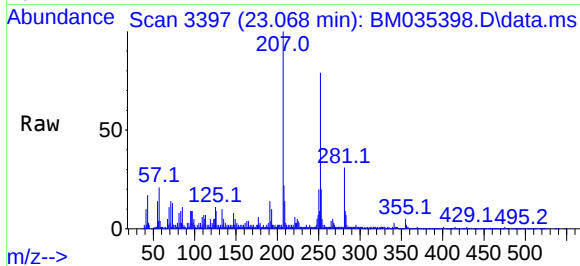
Tgt Ion:276 Resp: 130648
Ion Ratio Lower Upper
276 100
138 18.2 20.2 30.4#
277 25.2 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 4.781 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

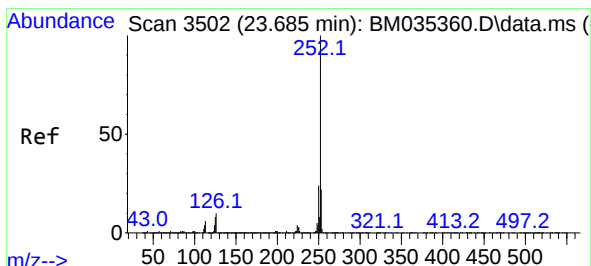
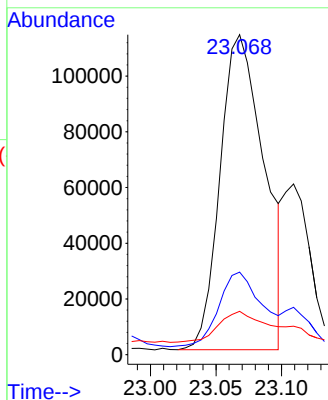
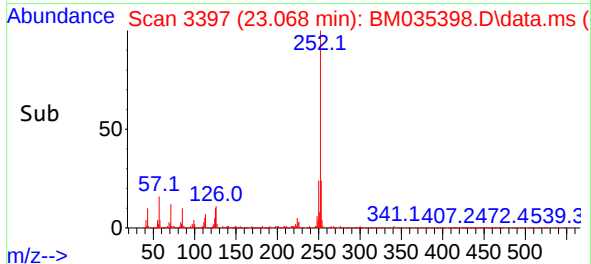
Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E



Tgt Ion:252 Resp: 26478
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 13.6 7.6 11.4

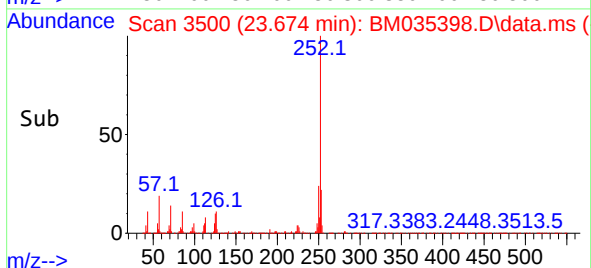
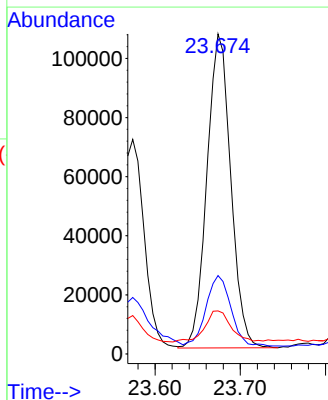
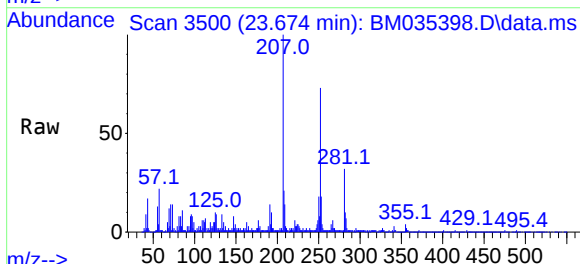
Manual Integrations
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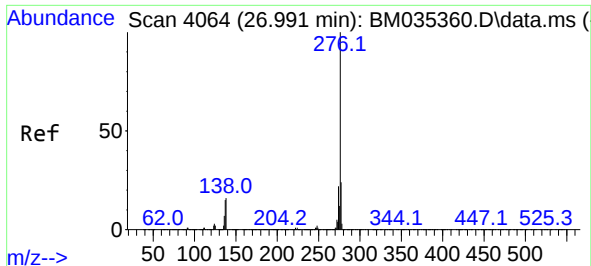
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#90
Benzo(a)pyrene
Concen: 4.375 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.012 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

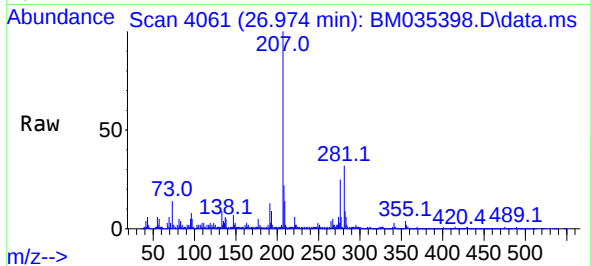
Tgt Ion:252 Resp: 206305
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 13.5 8.7 13.1





#92
Benzo(g,h,i)perylene
Concen: 2.547 ng
RT: 26.974 min Scan# 4061
Delta R.T. -0.018 min
Lab File: BM035398.D
Acq: 03 Jun 2022 16:56

Instrument :
BNA_M
ClientSampleId :
20220425-AMENDED-COMP-E



Tgt Ion:276 Resp: 130780
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 20.7 17.6 26.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

