

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041213.D
 Acq On : 01 Aug 2023 06:57
 Operator : MA/JU
 Sample : 03645-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023

Quant Time: Aug 01 07:40:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	202788	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	769056	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	403610	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	737278	20.000	ng	0.00
76) Chrysene-d12	21.421	240	670377	20.000	ng	0.00
86) Perylene-d12	23.791	264	818608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1415104	104.296	ng	0.00
7) Phenol-d6	6.981	99	1824256	103.724	ng	0.00
23) Nitrobenzene-d5	8.975	82	1135475	68.662	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	580470	101.679	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2330458	72.940	ng	0.00
79) Terphenyl-d14	19.856	244	2878893	77.646	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.927	163	107672	3.546	ng	99
71) Phenanthrene	17.262	178	108259	2.643	ng	99
75) Fluoranthene	19.292	202	184010	3.998	ng	99
78) Pyrene	19.650	202	157259	3.354	ng	99
81) Benzo(a)anthracene	21.409	228	104530	2.300	ng	97
83) Chrysene	21.462	228	101053m	2.299	ng	
88) Benzo(b)fluoranthene	23.074	252	147465	3.032	ng	# 93
90) Benzo(a)pyrene	23.691	252	99068	2.120	ng	# 92

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

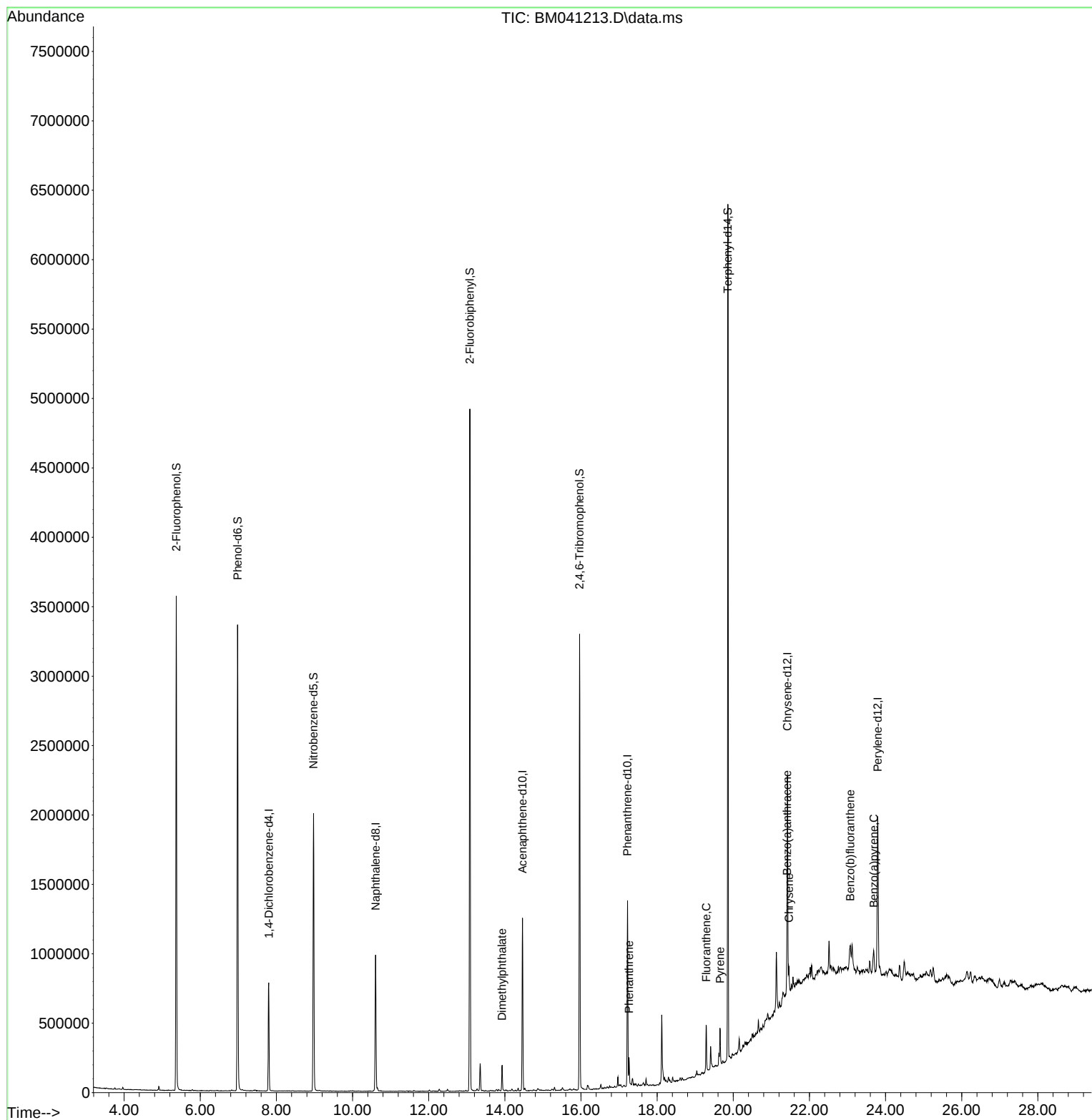
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041213.D
Acq On : 01 Aug 2023 06:57
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ALS Vial : 32 Sample Multiplier: 1

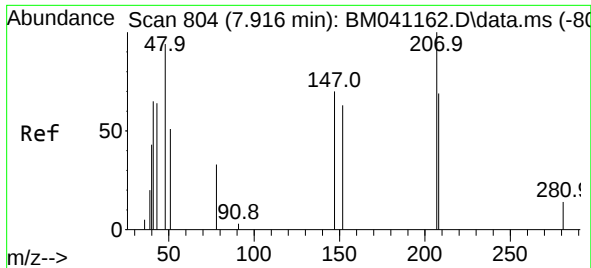
Instrument :
BNA_M
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SB-04-(1-5)

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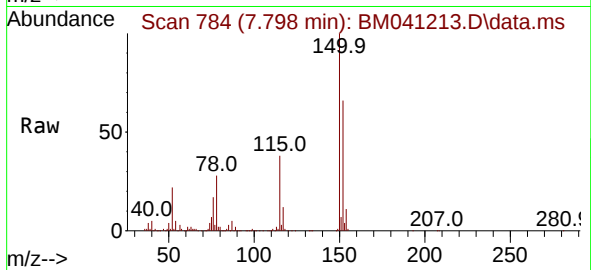
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

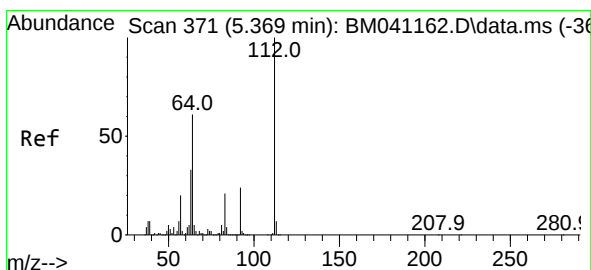
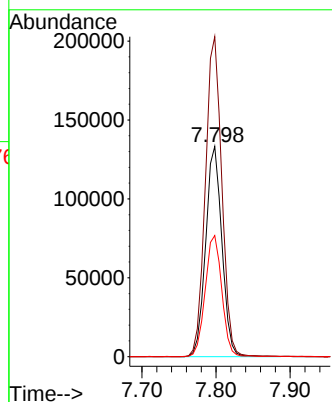
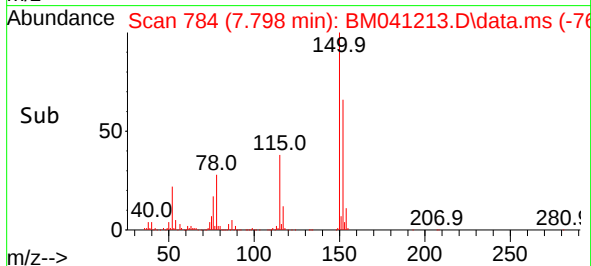
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)



Tgt Ion:152 Resp: 20278
Ion Ratio Lower Upper
152 100
150 152.2 125.5 188.3
115 57.6 48.0 72.0

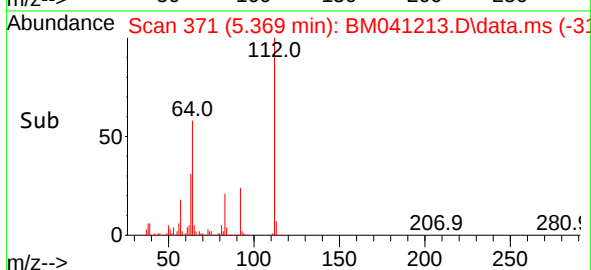
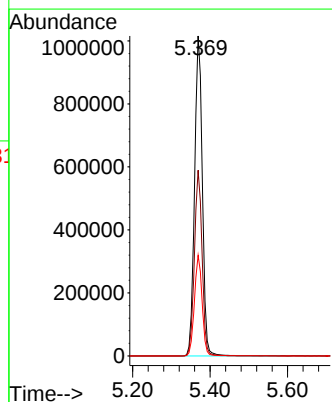
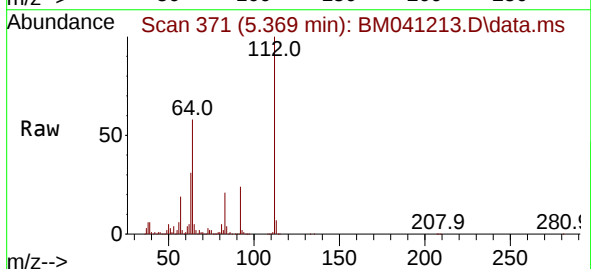
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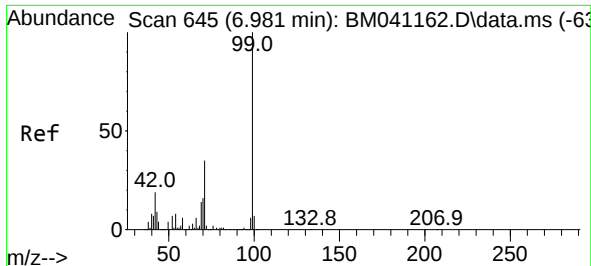
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#5
2-Fluorophenol
Concen: 104.296 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

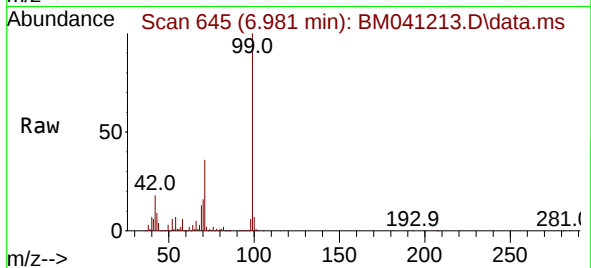
Tgt Ion:112 Resp: 1415104
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.5 26.5 39.7





#7
Phenol-d6
Concen: 103.724 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

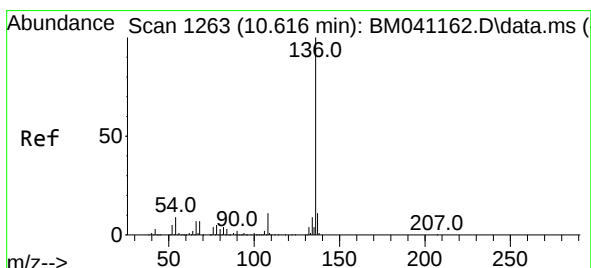
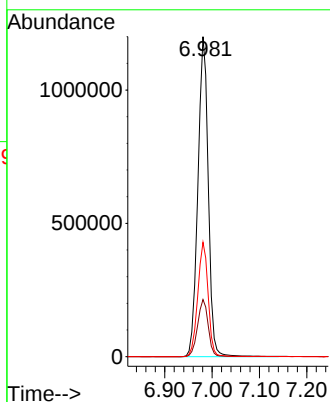
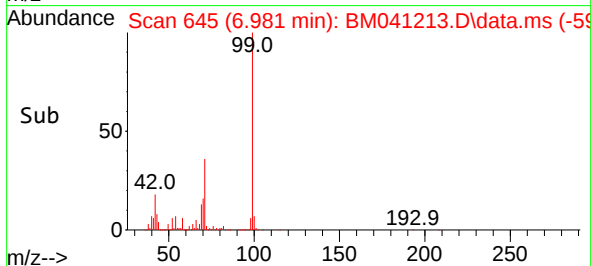
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)



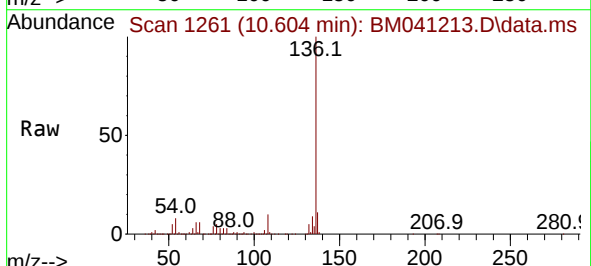
Tgt Ion: 99 Resp: 1824250
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.8 28.2 42.4

Manual Integrations
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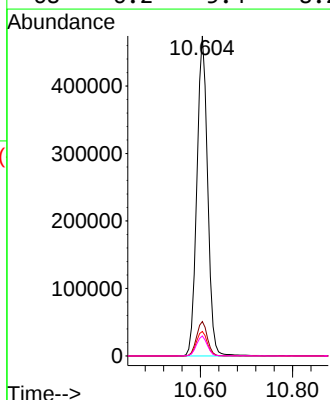
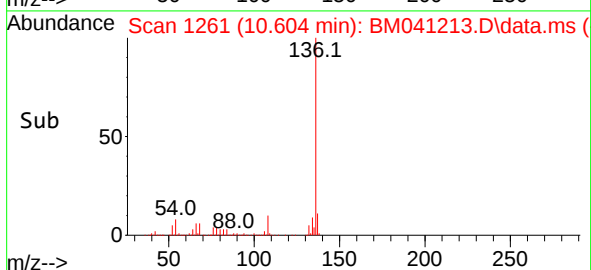
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

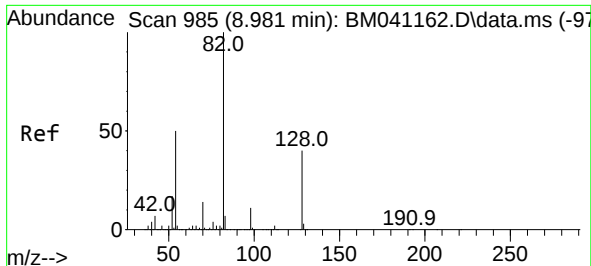


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57



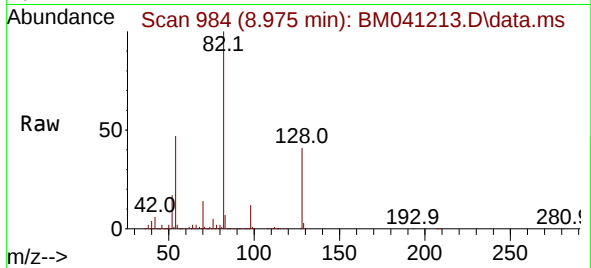
Tgt Ion:136 Resp: 769056
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.9 10.3
68 6.2 5.4 8.2





#23
Nitrobenzene-d5
Concen: 68.662 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

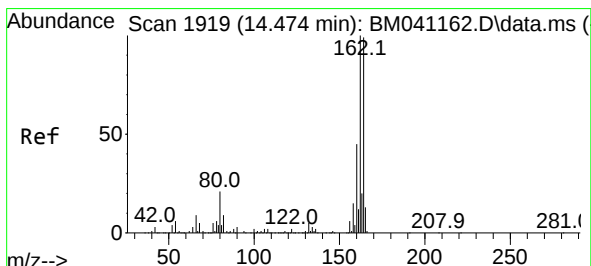
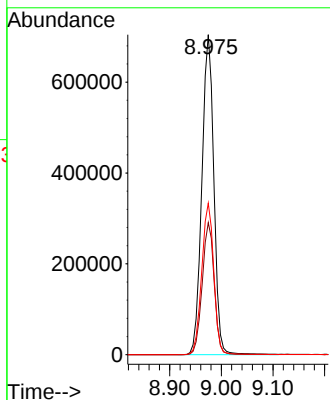
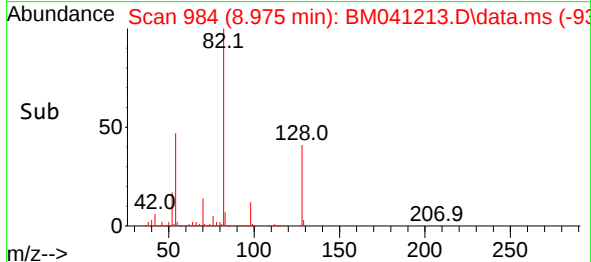
Instrument :
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ClientSampleId :
SB-04-(1-5)



Tgt Ion: 82 Resp: 113547
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 47.4 40.1 60.1

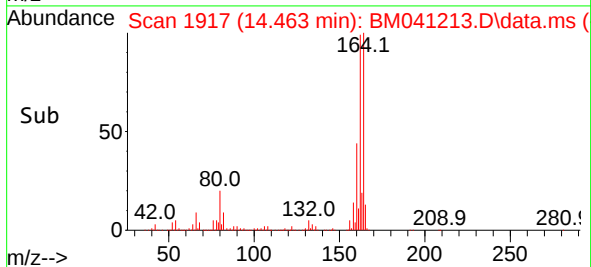
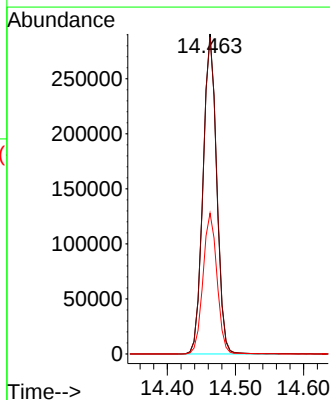
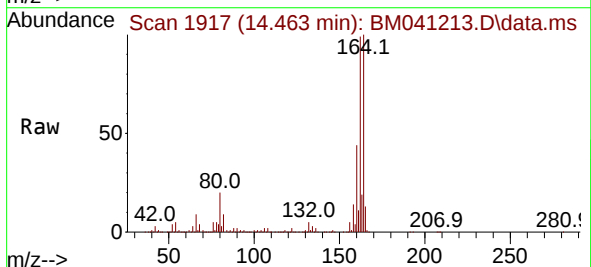
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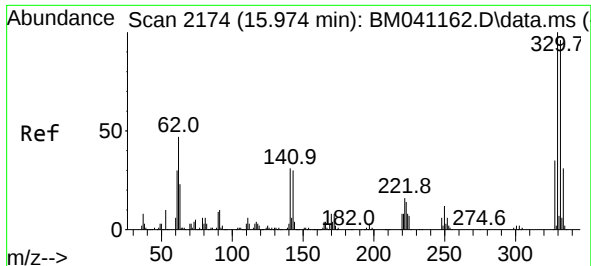
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

Tgt Ion:164 Resp: 403610
Ion Ratio Lower Upper
164 100
162 99.0 80.4 120.6
160 44.0 36.2 54.2





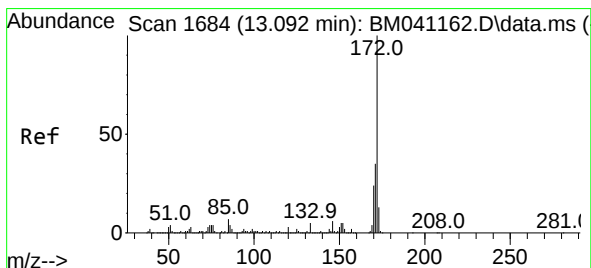
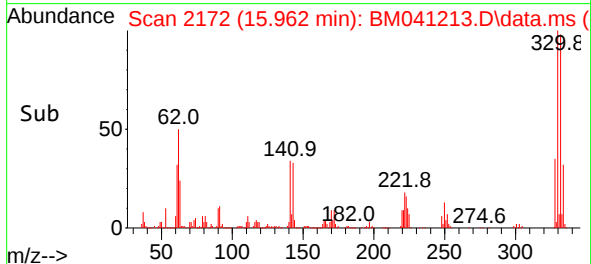
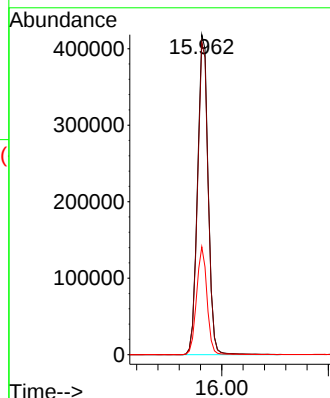
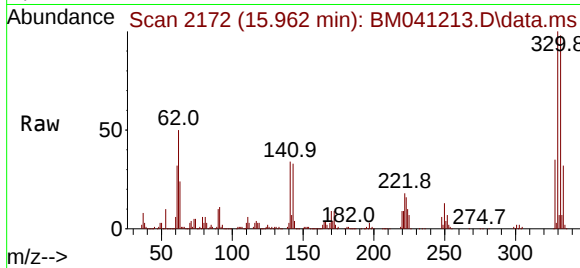
#42
2,4,6-Tribromophenol
Concen: 101.679 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)

Tgt Ion:330 Resp: 580470
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 33.1 28.3 42.5

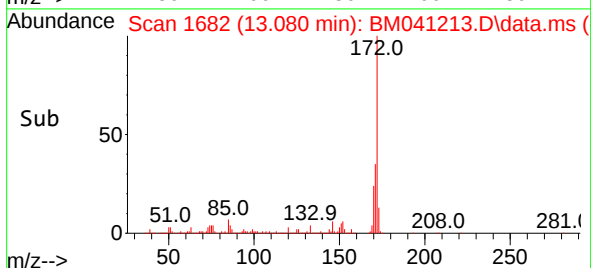
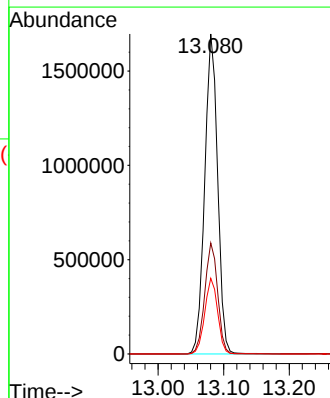
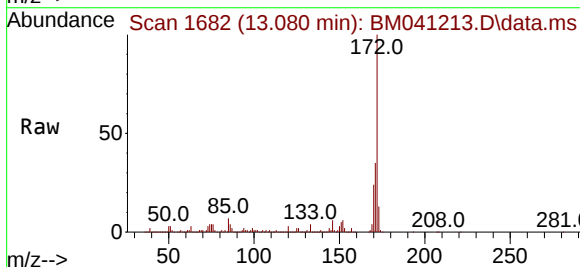
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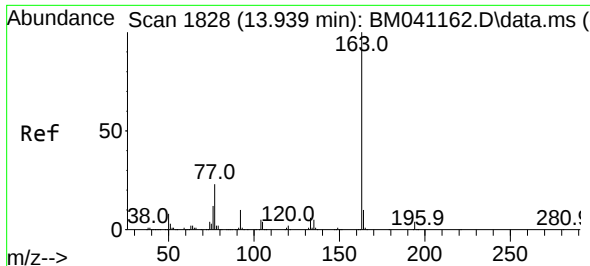
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#45
2-Fluorobiphenyl
Concen: 72.940 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

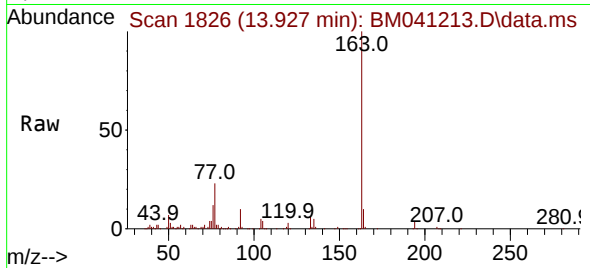
Tgt Ion:172 Resp: 2330458
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.9 28.3





#50
Dimethylphthalate
Concen: 3.546 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

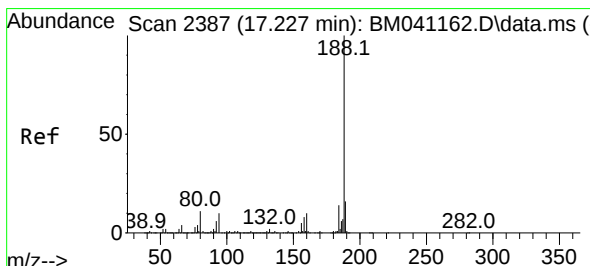
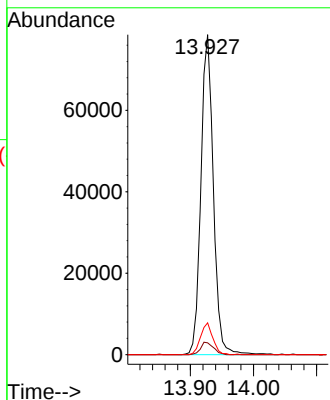
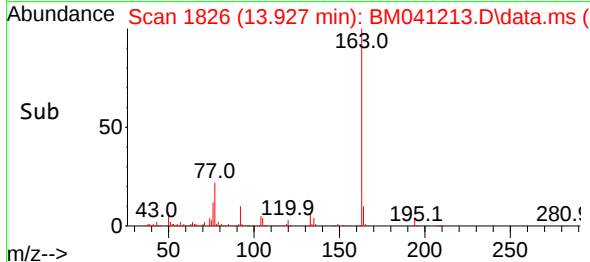
Instrument :
BNA_M
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SB-04-(1-5)



Tgt Ion:163 Resp: 107672
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.3 12.5

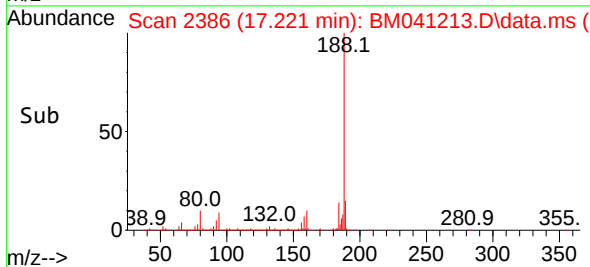
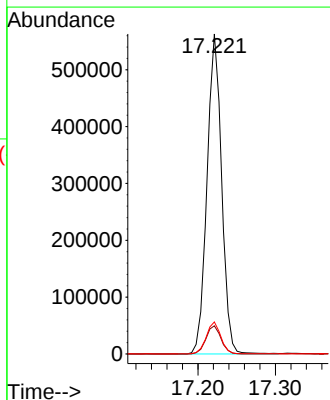
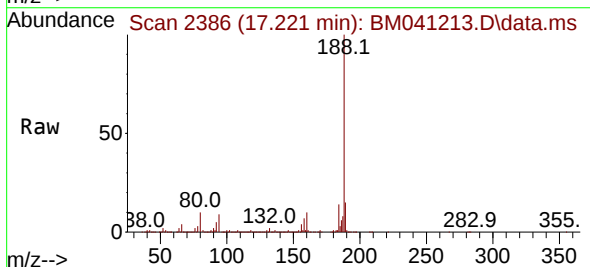
Manual Integrations
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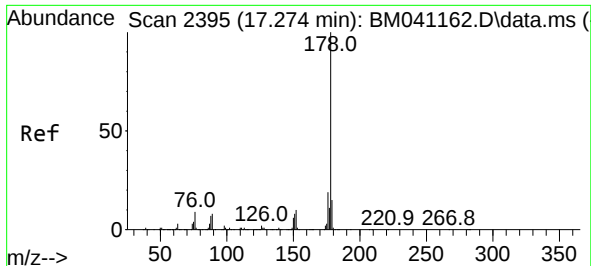
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

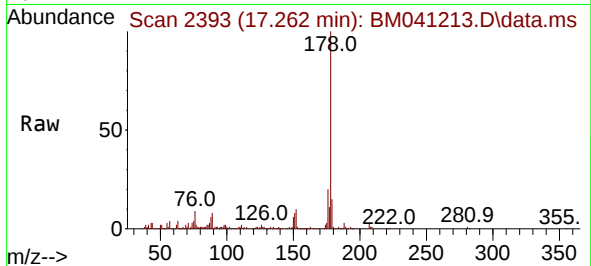
Tgt Ion:188 Resp: 737278
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 10.0 8.6 13.0





#71
Phenanthrene
Concen: 2.643 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

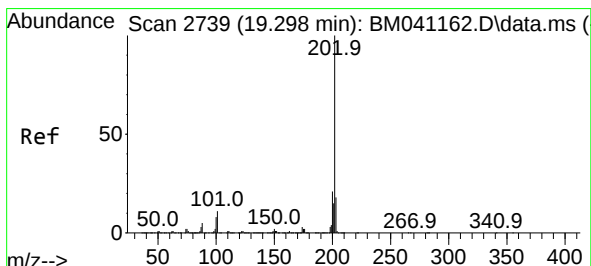
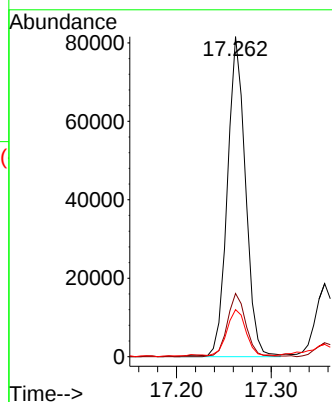
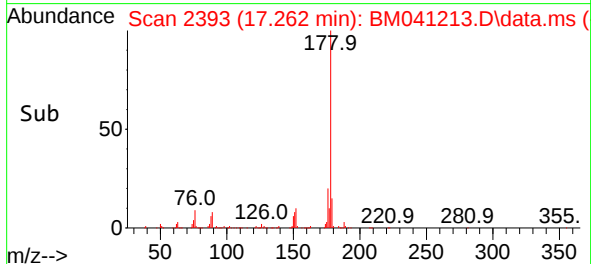
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SB-04-(1-5)



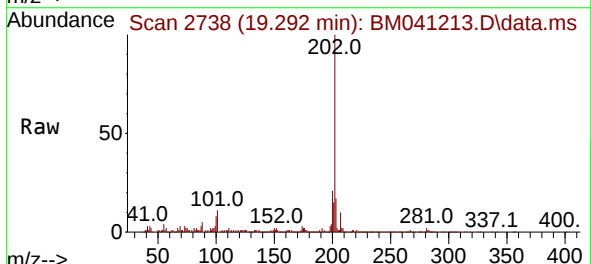
Tgt Ion:178 Resp: 108259
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 14.7 12.1 18.1

Manual Integrations
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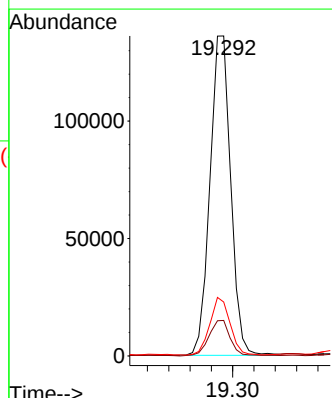
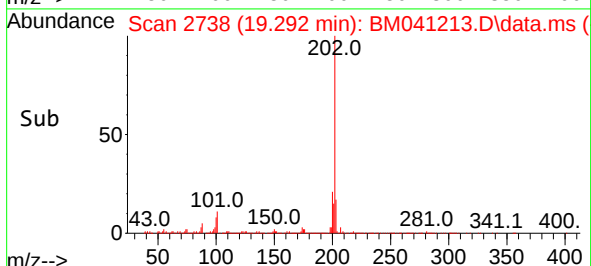
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

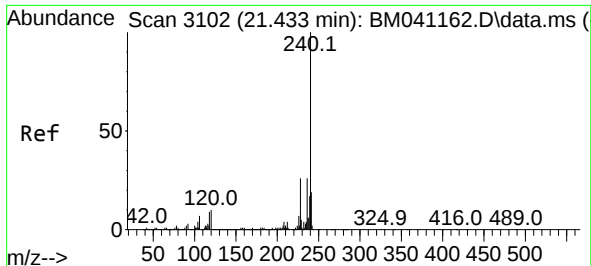


#75
Fluoranthene
Concen: 3.998 ng
RT: 19.292 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57



Tgt Ion:202 Resp: 184010
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.8
203 16.9 0.0 37.6





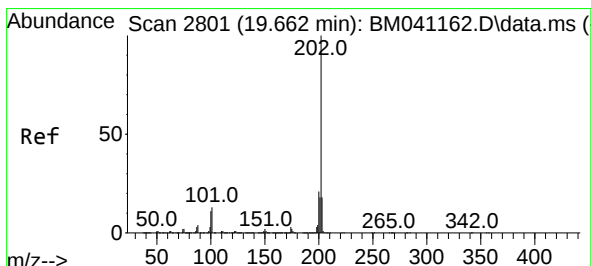
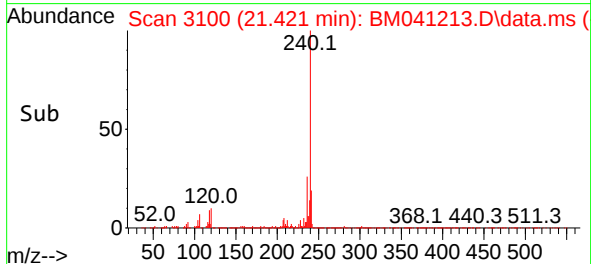
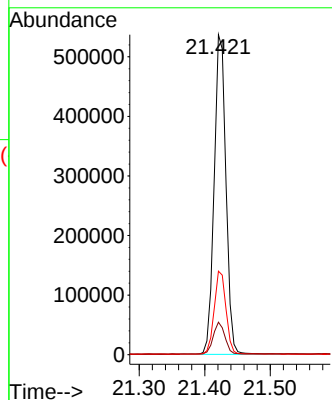
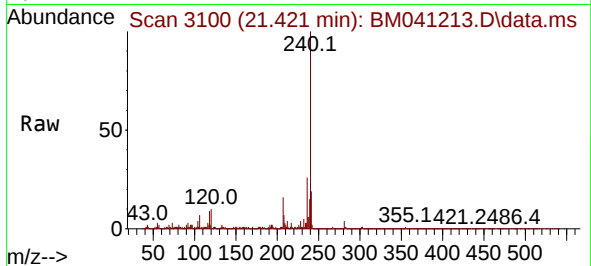
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)

Tgt Ion:240 Resp: 67037
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.1 20.6 30.8

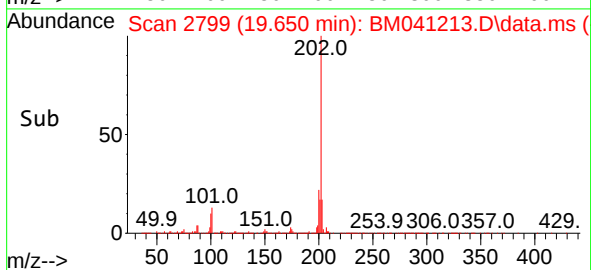
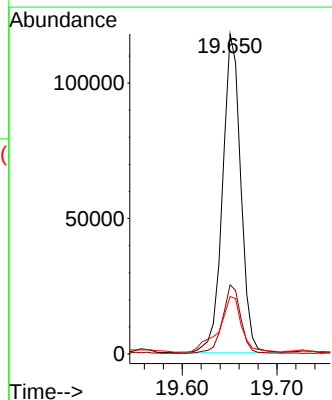
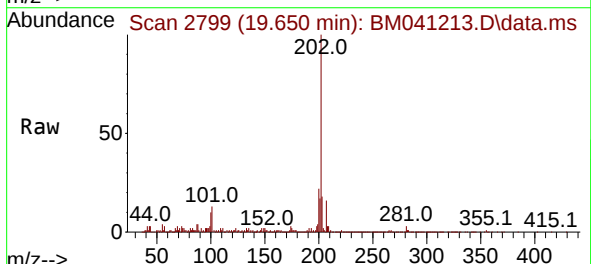
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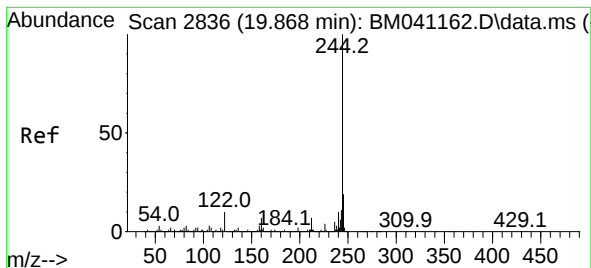
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#78
Pyrene
Concen: 3.354 ng
RT: 19.650 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

Tgt Ion:202 Resp: 157259
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 77.646 ng

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041213.D

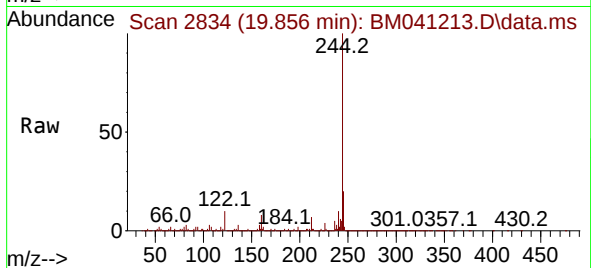
Acq: 01 Aug 2023 06:57

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)



Tgt Ion:244 Resp: 287889

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

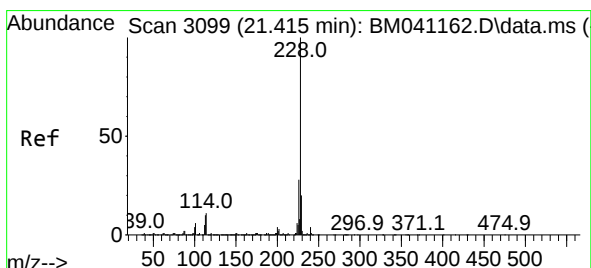
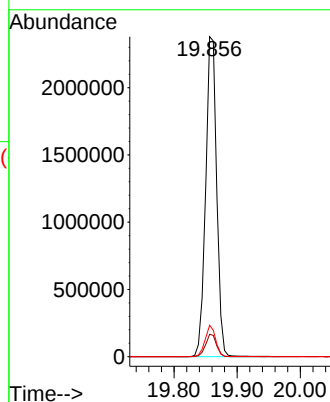
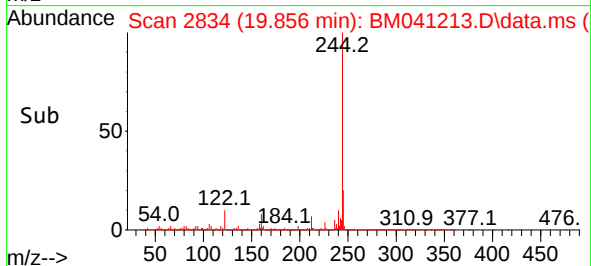
122 9.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#81

Benzo(a)anthracene

Concen: 2.300 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM041213.D

Acq: 01 Aug 2023 06:57

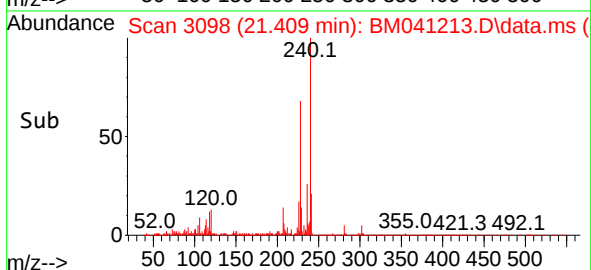
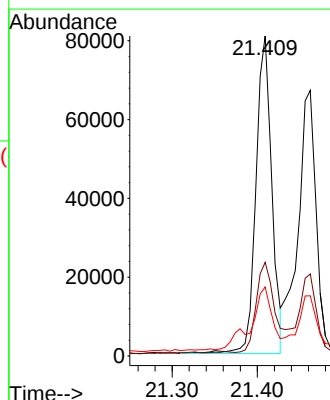
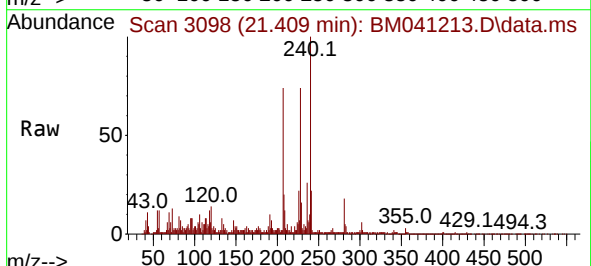
Tgt Ion:228 Resp: 104530

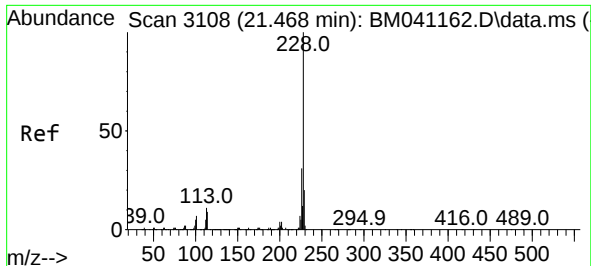
Ion Ratio Lower Upper

228 100

226 29.3 22.4 33.6

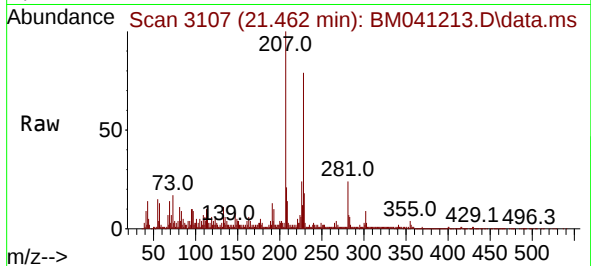
229 21.6 15.8 23.8





#83
Chrysene
Concen: 2.299 ng m
RT: 21.462 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

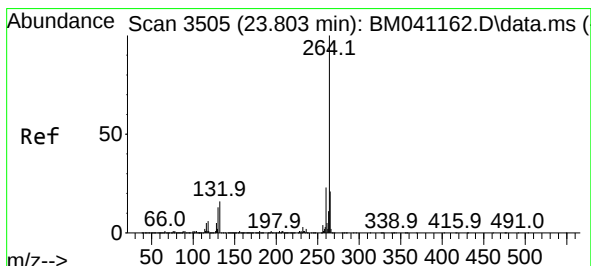
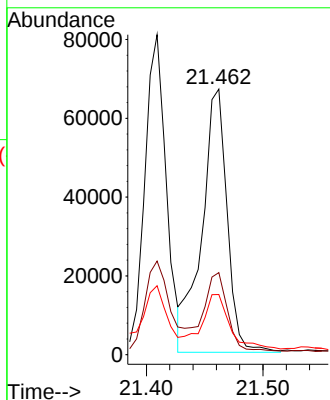
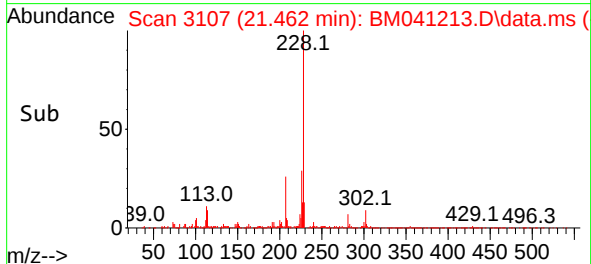
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)



Tgt Ion:228 Resp: 10105
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.7 15.8 23.8

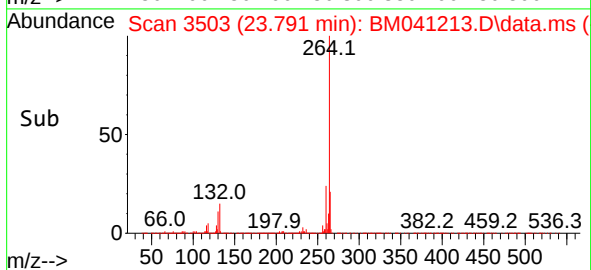
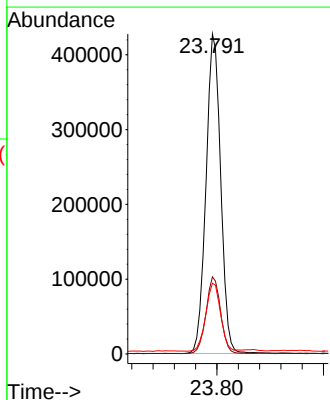
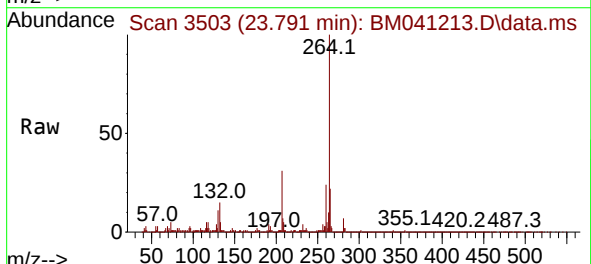
Manual Integrations
APPROVED

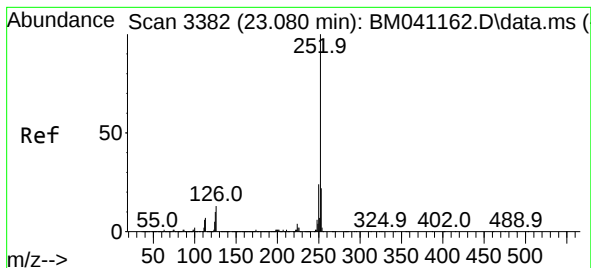
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM041213.D
Acq: 01 Aug 2023 06:57

Tgt Ion:264 Resp: 818608
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.1 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 3.032 ng

RT: 23.074 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041213.D

Acq: 01 Aug 2023 06:57

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)

Tgt Ion:252 Resp: 14746

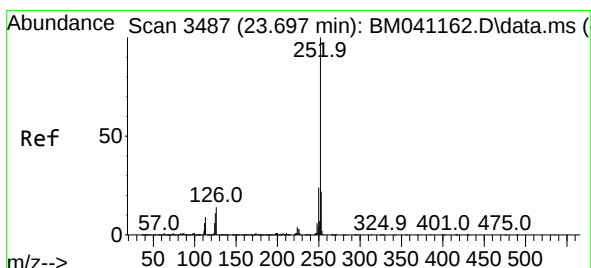
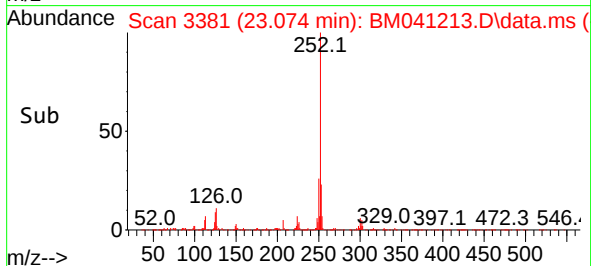
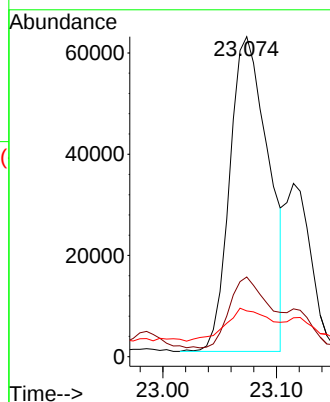
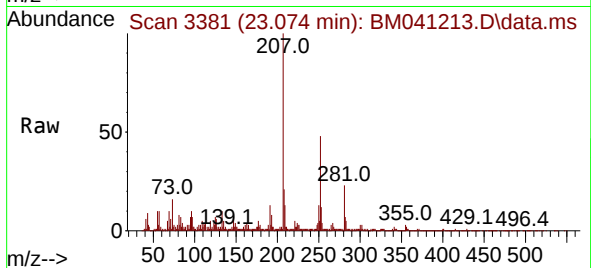
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	14.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#90

Benzo(a)pyrene

Concen: 2.120 ng

RT: 23.691 min Scan# 3486

Delta R.T. -0.000 min

Lab File: BM041213.D

Acq: 01 Aug 2023 06:57

Tgt Ion:252 Resp: 99068

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	14.7	9.0	13.4

