

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041212.D
 Acq On : 01 Aug 2023 06:20
 Operator : MA/JU
 Sample : 03645-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-08-(0.5-2.0)

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 07:06:05 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	153824	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	583804	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	340736	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	748860	20.000	ng	0.00
76) Chrysene-d12	21.421	240	701048	20.000	ng	0.00
86) Perylene-d12	23.791	264	796810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	979911	95.210	ng	0.00
7) Phenol-d6	6.981	99	1227655	92.021	ng	0.00
23) Nitrobenzene-d5	8.975	82	775586	61.781	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	497678	103.263	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1555190	57.657	ng	0.00
79) Terphenyl-d14	19.862	244	2415718	62.303	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.927	163	71717	2.798	ng	99
71) Phenanthrene	17.262	178	361550	8.690	ng	100
75) Fluoranthene	19.286	202	741740	15.868	ng	100
78) Pyrene	19.650	202	633651	12.925	ng	100
81) Benzo(a)anthracene	21.409	228	368654	7.757	ng	99
83) Chrysene	21.462	228	387528m	8.430	ng	
87) Indeno(1,2,3-cd)pyrene	26.232	276	240826	4.111	ng	95
88) Benzo(b)fluoranthene	23.074	252	502334	10.612	ng	98
89) Benzo(k)fluoranthene	23.115	252	174867m	3.611	ng	
90) Benzo(a)pyrene	23.685	252	340050	7.476	ng	96
92) Benzo(g,h,i)perylene	26.985	276	222194	4.647	ng	97

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

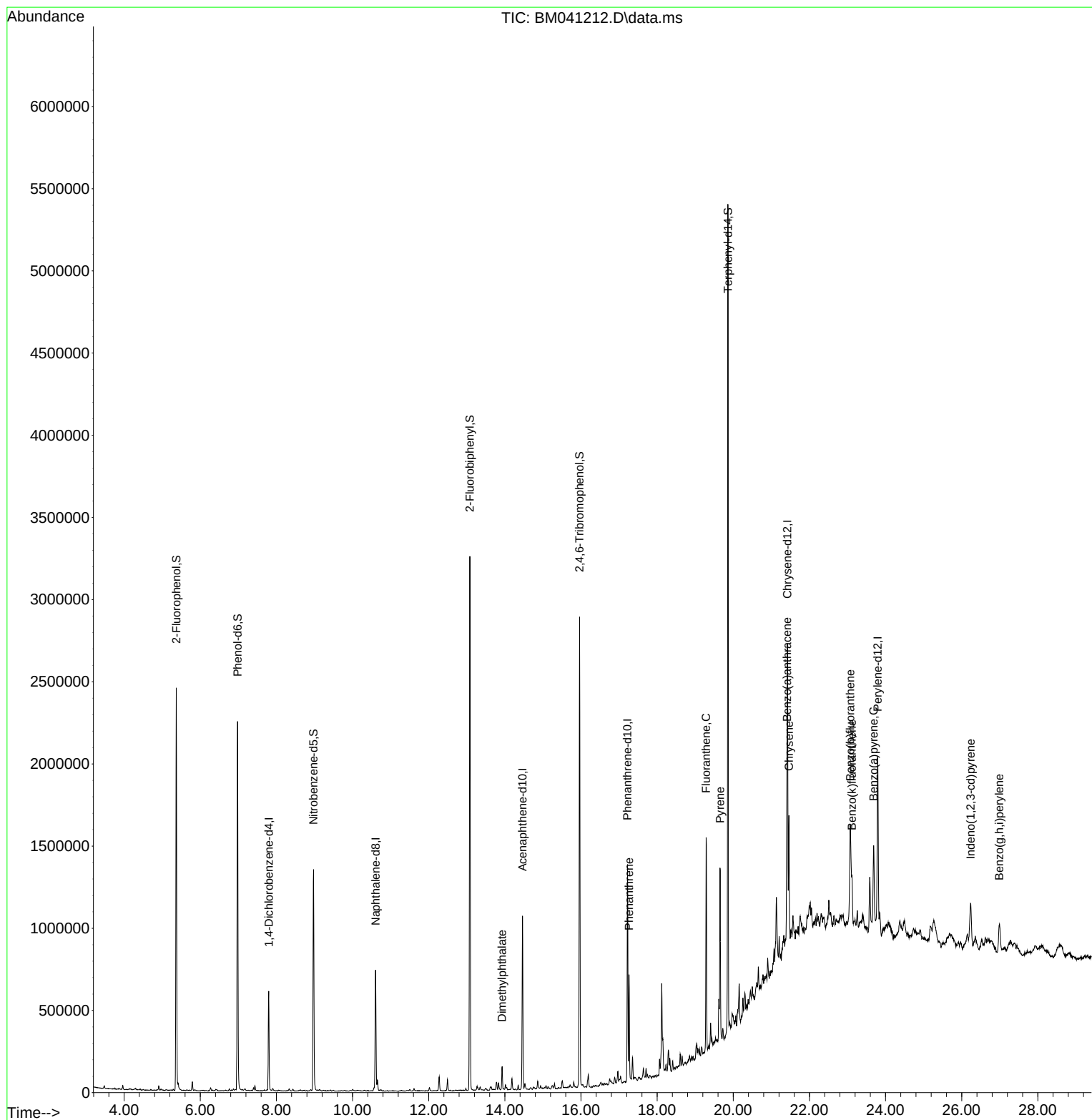
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041212.D
Acq On : 01 Aug 2023 06:20
Operator : MA/JU
Sample : 03645-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

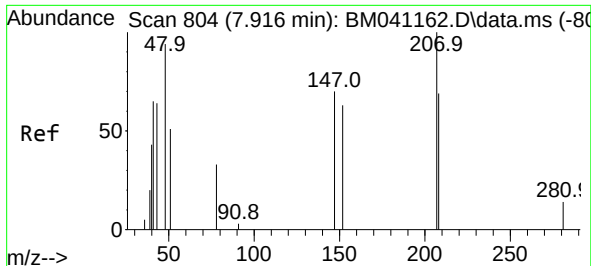
Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)

Quant Time: Aug 01 07:06:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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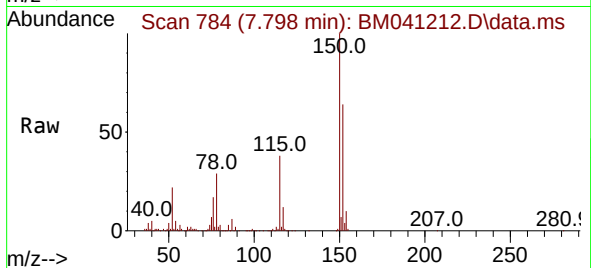
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

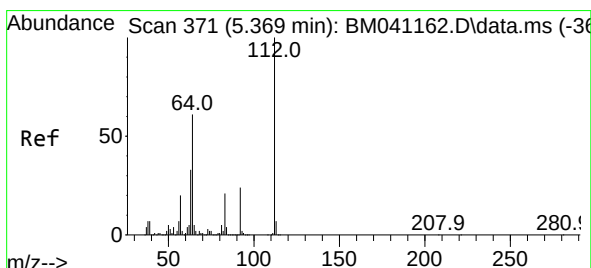
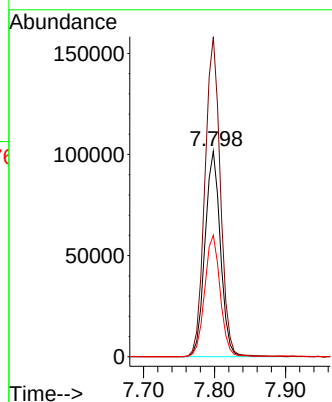
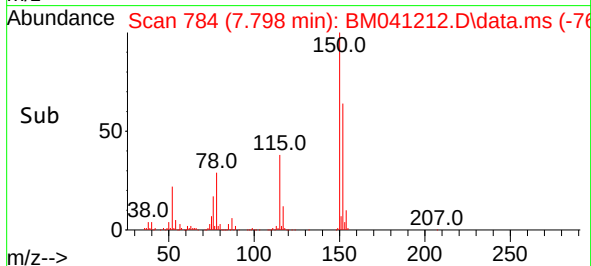
Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion:152 Resp: 153824
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 59.1 48.0 72.0

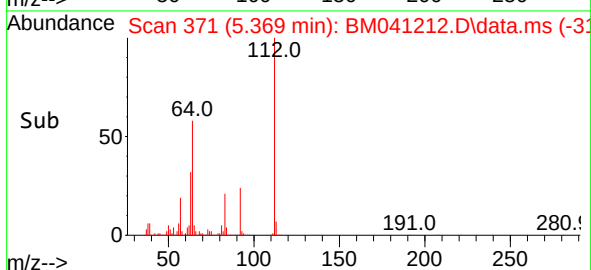
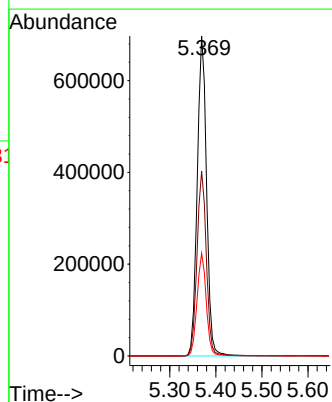
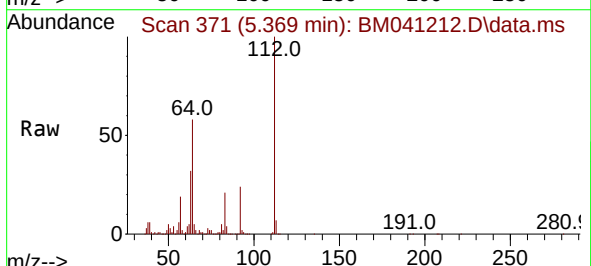
Manual Integrations
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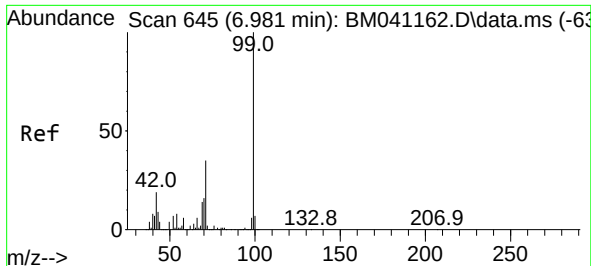
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#5
2-Fluorophenol
Concen: 95.210 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

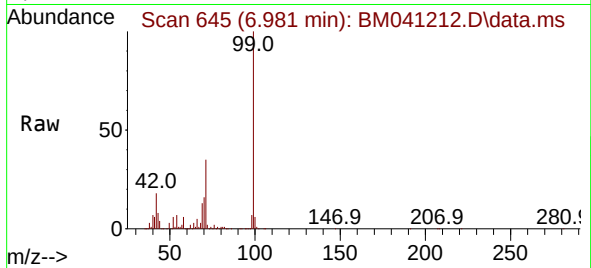
Tgt Ion:112 Resp: 979911
Ion Ratio Lower Upper
112 100
64 57.8 48.5 72.7
63 32.0 26.5 39.7





#7
Phenol-d6
Concen: 92.021 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

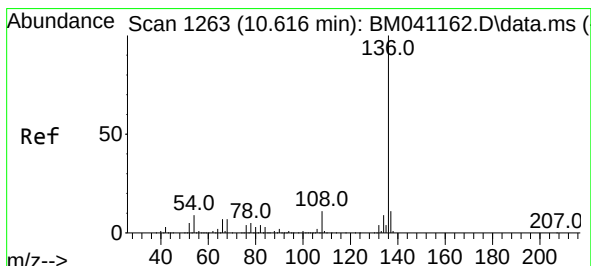
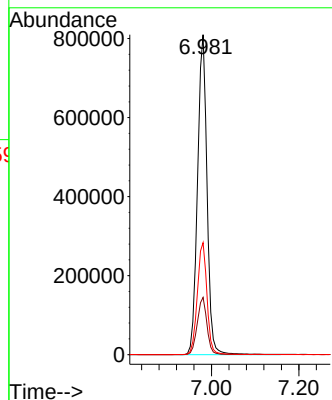
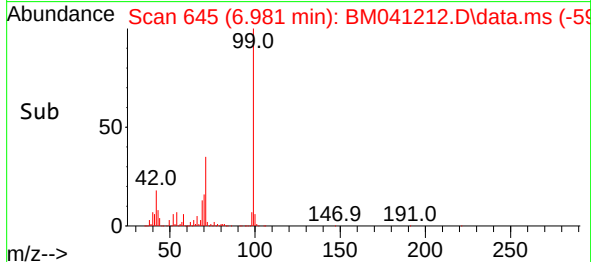
Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)



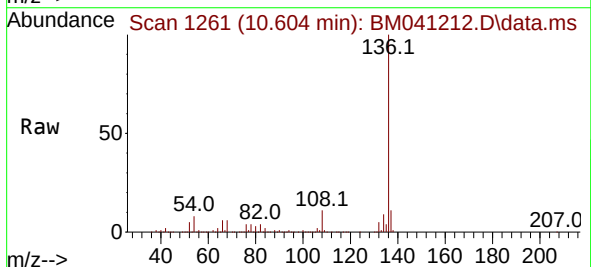
Tgt Ion: 99 Resp: 122765
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 35.0 28.2 42.4

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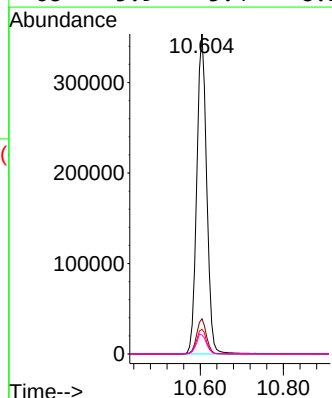
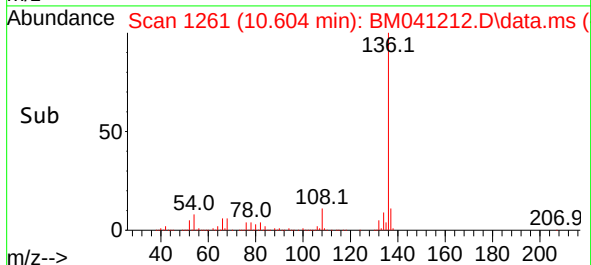
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

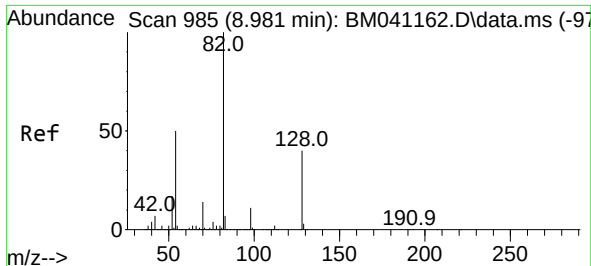


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20



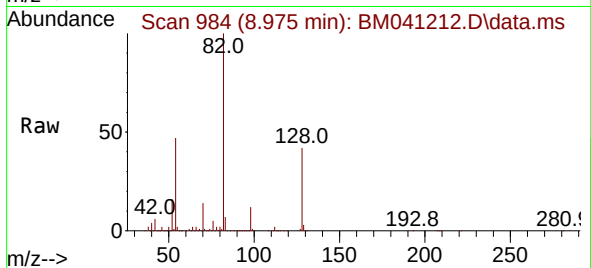
Tgt Ion:136 Resp: 583804
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.9 10.3
68 5.9 5.4 8.2





#23
Nitrobenzene-d5
Concen: 61.781 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

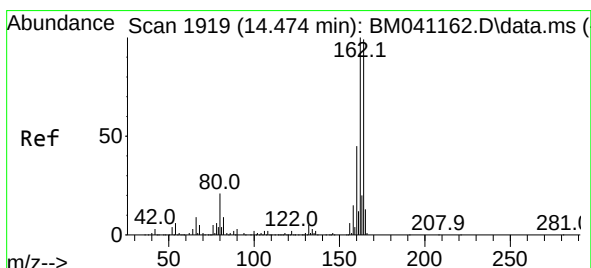
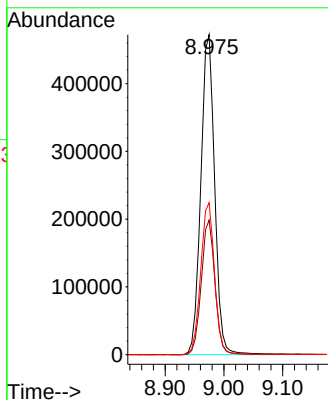
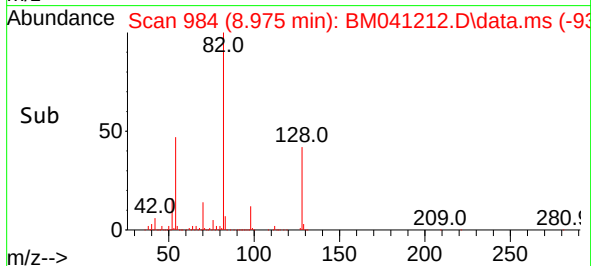
Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)



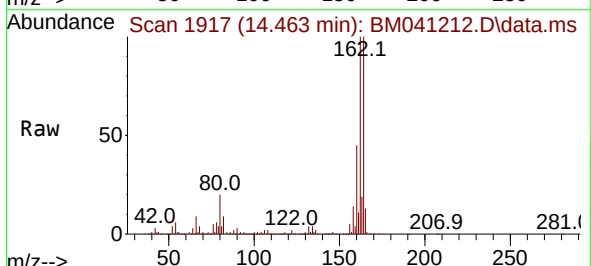
Tgt Ion: 82 Resp: 775580
Ion Ratio Lower Upper
82 100
128 42.1 31.8 47.6
54 47.5 40.1 60.1

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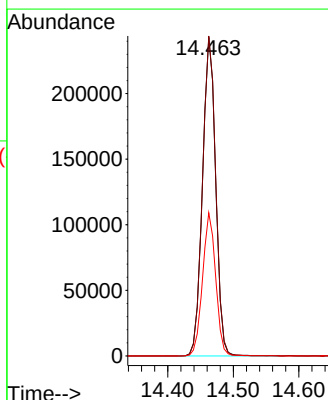
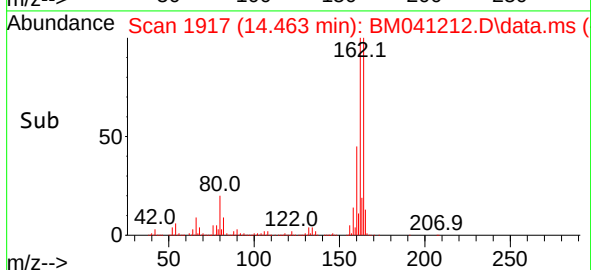
Reviewed By :Yogesh Patel 08/01/2023
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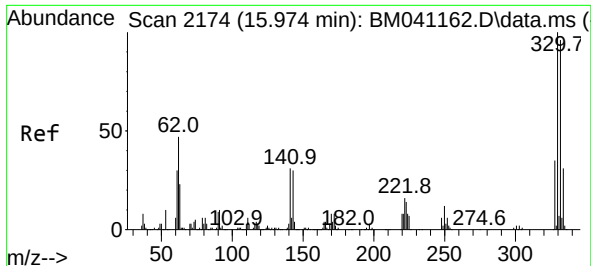


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20



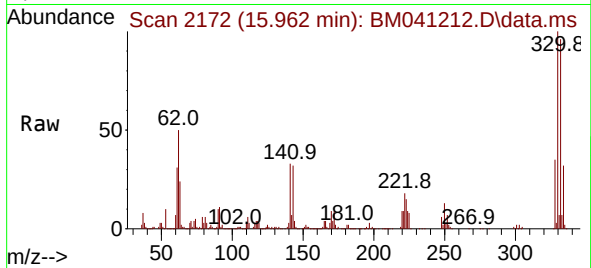
Tgt Ion:164 Resp: 340736
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 45.0 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 103.263 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

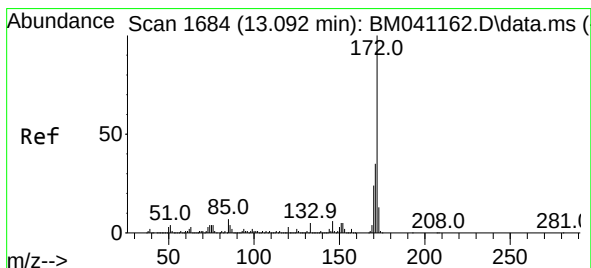
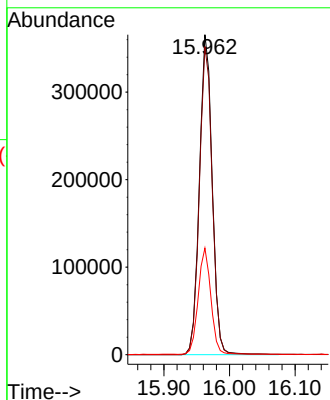
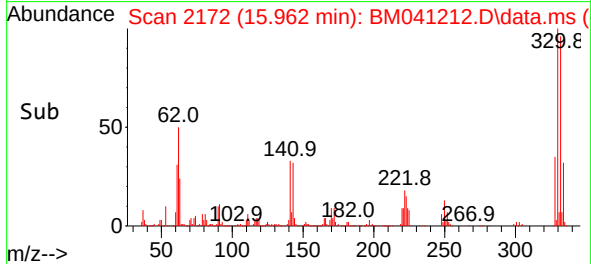
Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)



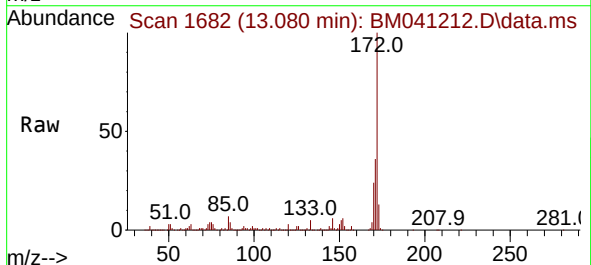
Tgt Ion:330 Resp: 497678
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 32.7 28.3 42.5

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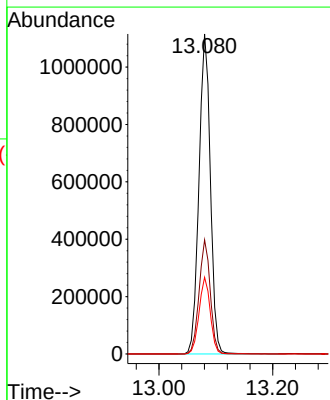
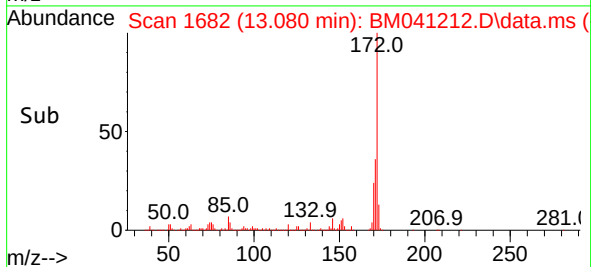
Reviewed By :Yogesh Patel 08/01/2023
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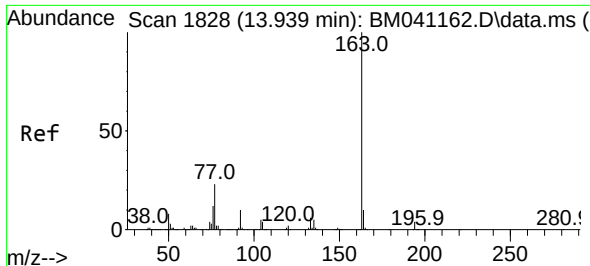


#45
2-Fluorobiphenyl
Concen: 57.657 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20



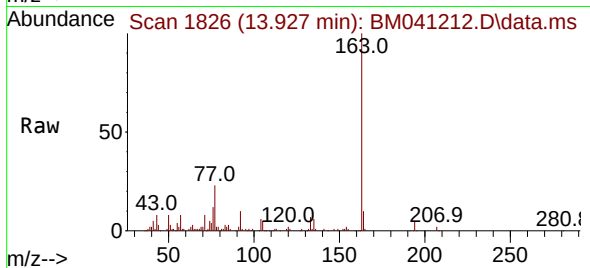
Tgt Ion:172 Resp: 1555190
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 18.9 28.3





#50
Dimethylphthalate
Concen: 2.798 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

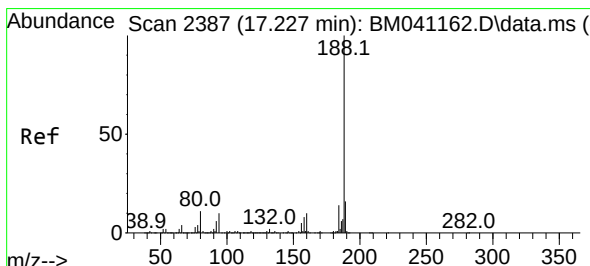
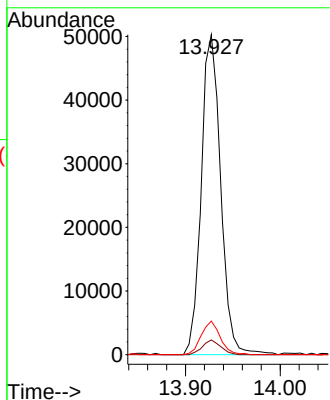
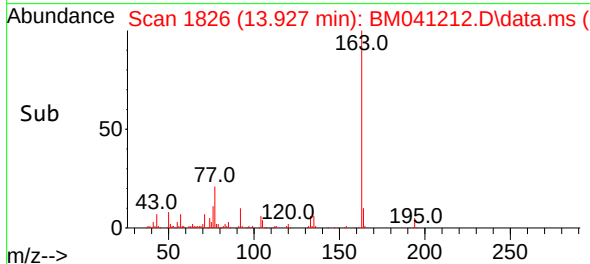
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SB-08-(0.5-2.0)



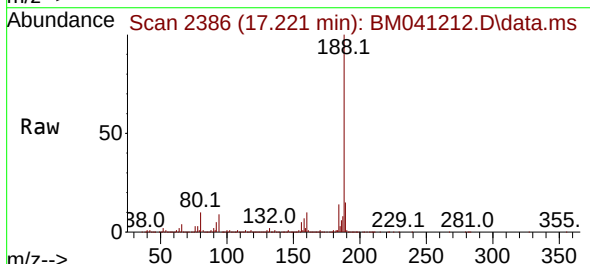
Tgt Ion:163 Resp: 7171
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.5 8.3 12.5

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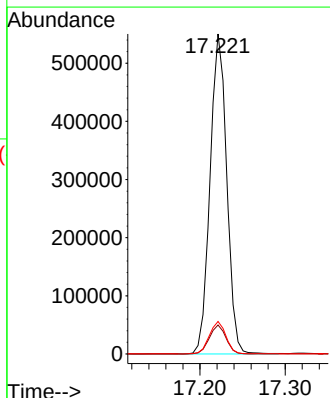
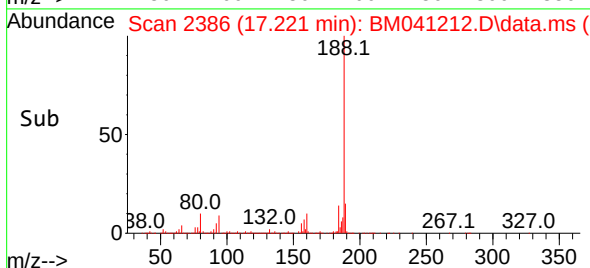
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

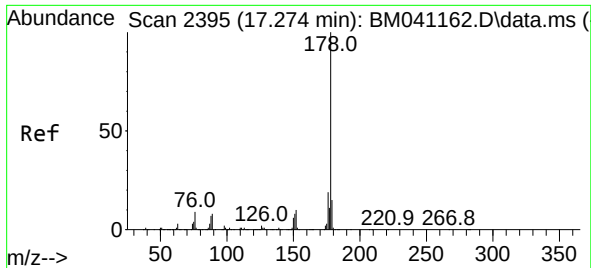


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20



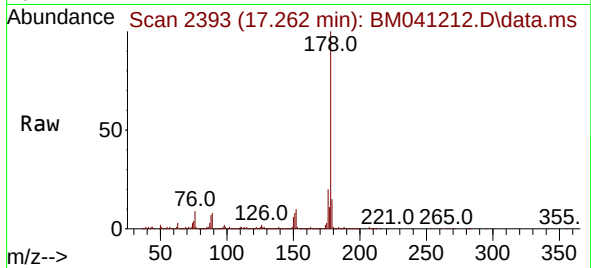
Tgt Ion:188 Resp: 748860
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.2 8.6 13.0





#71
Phenanthrene
Concen: 8.690 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

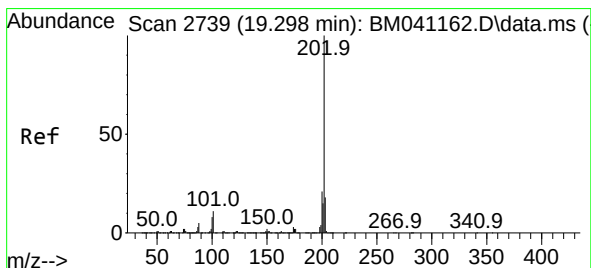
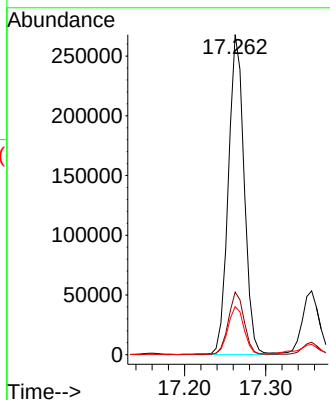
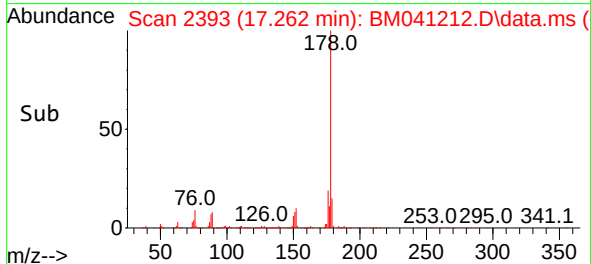
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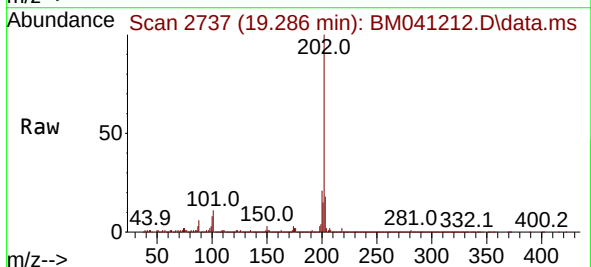
Tgt Ion:178 Resp: 361550
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.0 12.1 18.1

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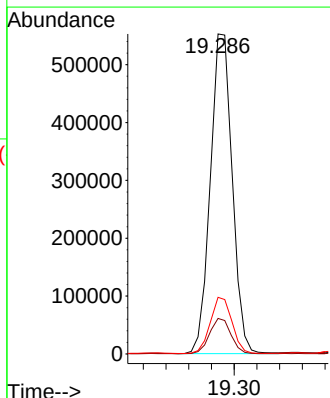
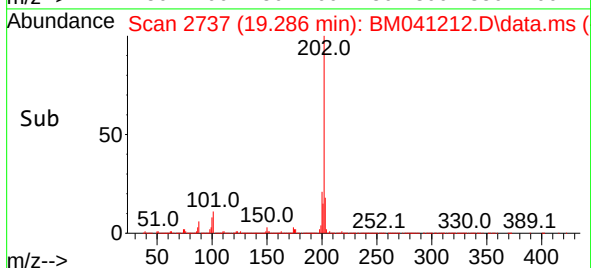
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

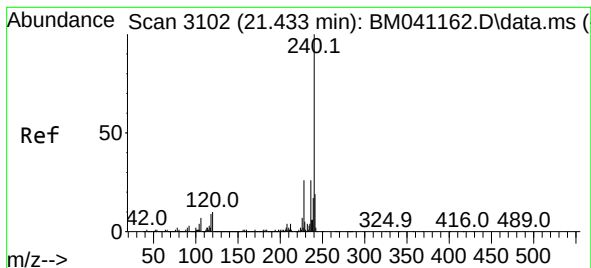


#75
Fluoranthene
Concen: 15.868 ng
RT: 19.286 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20



Tgt Ion:202 Resp: 741740
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.8
203 17.7 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: BM041212.D

Acq: 01 Aug 2023 06:20

Instrument :

BNA_M

ClientSampleId :

SB-08-(0.5-2.0)

Tgt Ion:240 Resp: 701048

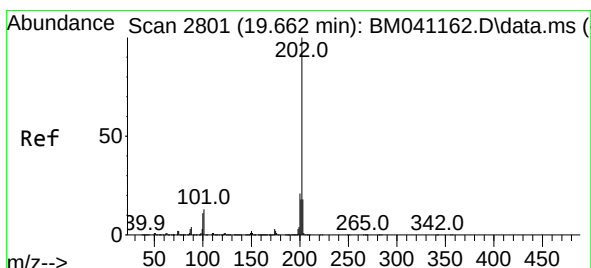
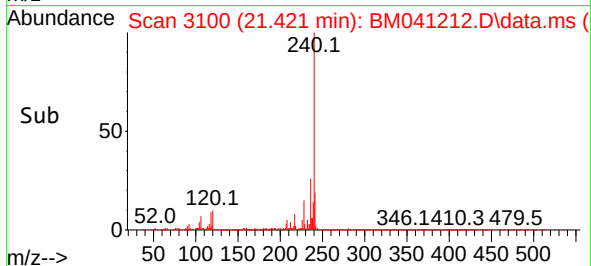
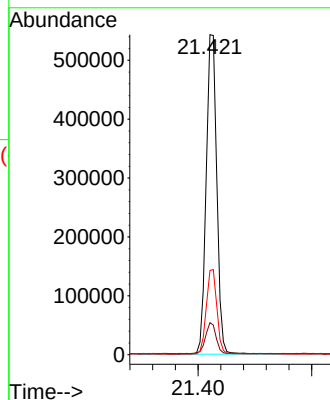
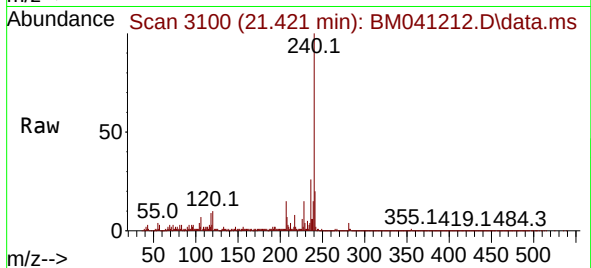
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.3	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#78

Pyrene

Concen: 12.925 ng

RT: 19.650 min Scan# 2799

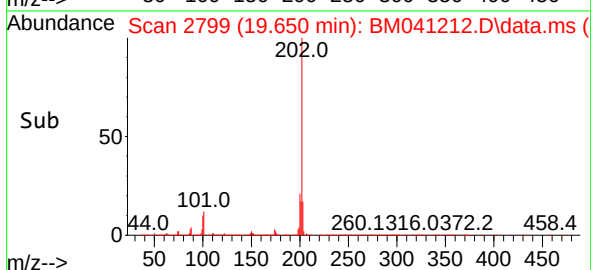
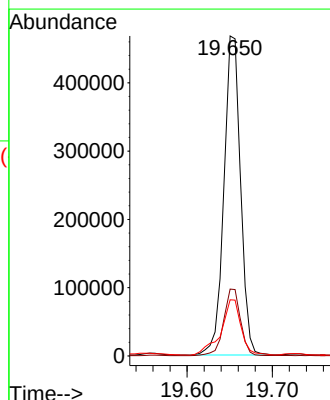
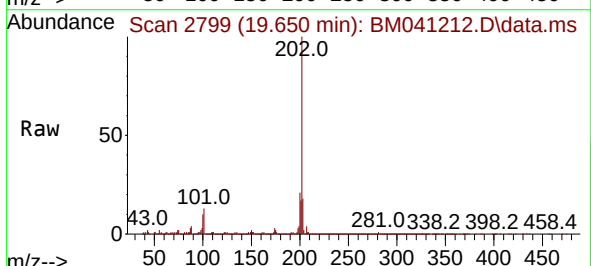
Delta R.T. -0.006 min

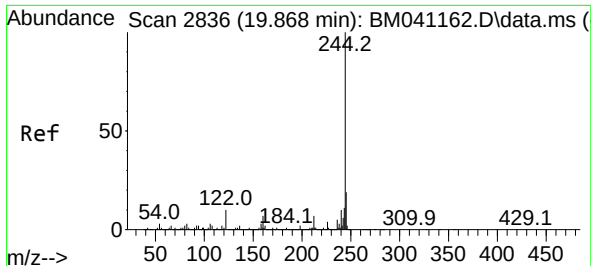
Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Tgt Ion:202 Resp: 633651

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	14.1	21.1





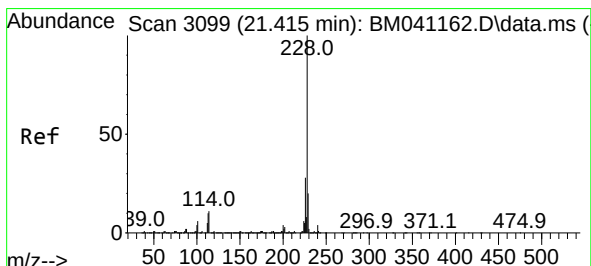
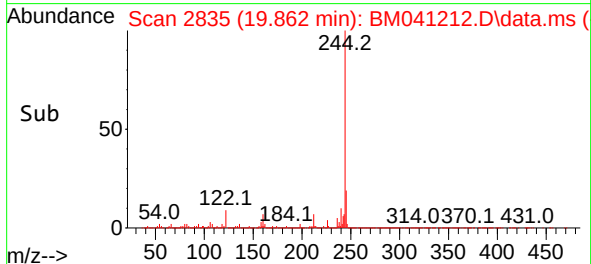
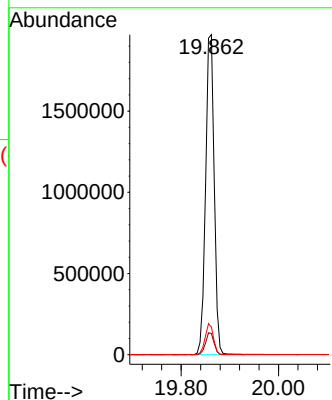
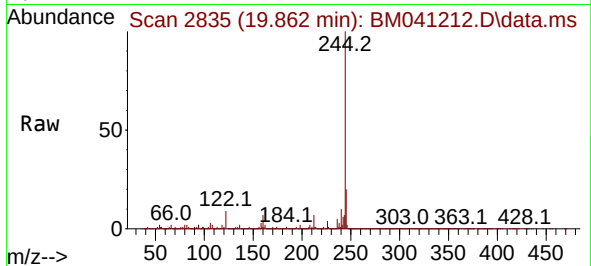
#79
 Terphenyl-d14
 Concen: 62.303 ng
 RT: 19.862 min Scan# 2415718
 Delta R.T. -0.000 min
 Lab File: BM041212.D
 Acq: 01 Aug 2023 06:20

Instrument :
 BNA_M
 ClientSampleId :
 SB-08-(0.5-2.0)

Tgt Ion:244 Resp: 2415718
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 8.7 7.8 11.6

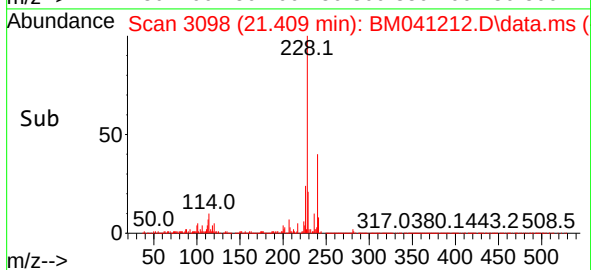
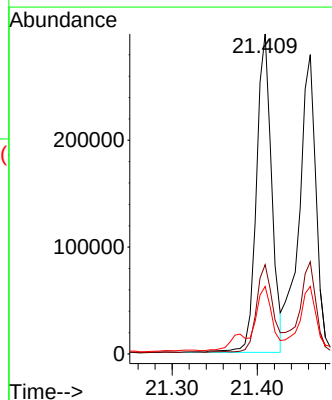
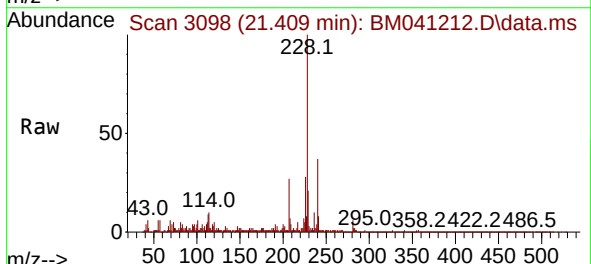
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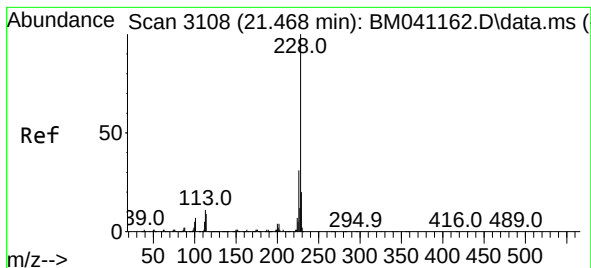
Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023



#81
 Benzo(a)anthracene
 Concen: 7.757 ng
 RT: 21.409 min Scan# 3098
 Delta R.T. -0.000 min
 Lab File: BM041212.D
 Acq: 01 Aug 2023 06:20

Tgt Ion:228 Resp: 368654
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.4 33.6
 229 21.1 15.8 23.8





#83

Chrysene

Concen: 8.430 ng m

RT: 21.462 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Instrument :

BNA_M

ClientSampleId :

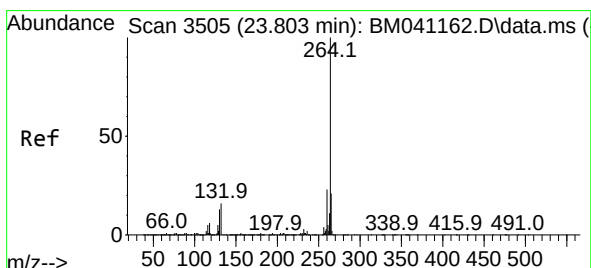
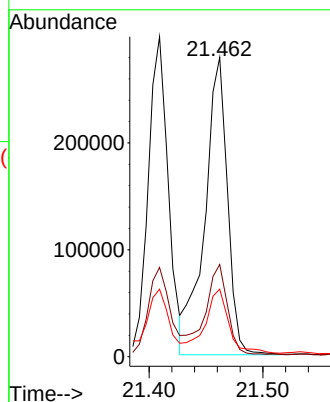
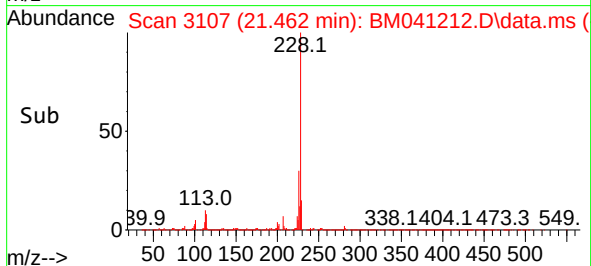
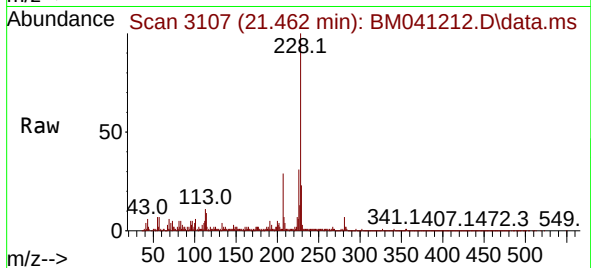
SB-08-(0.5-2.0)

Tgt Ion:	228	Resp:	387528
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.5	36.7
229	22.5	15.8	23.8

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



#86

Perylene-d12

Concen: 20.000 ng

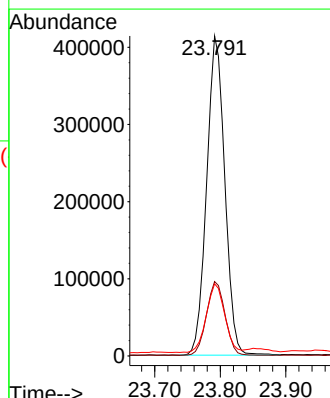
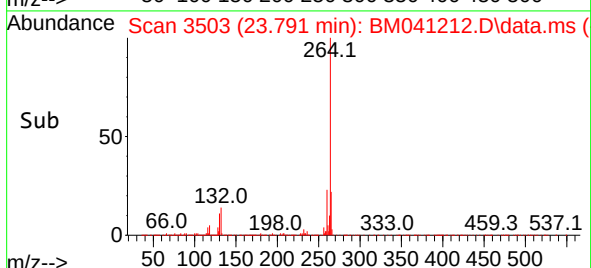
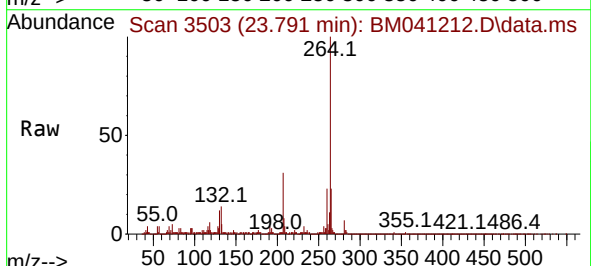
RT: 23.791 min Scan# 3503

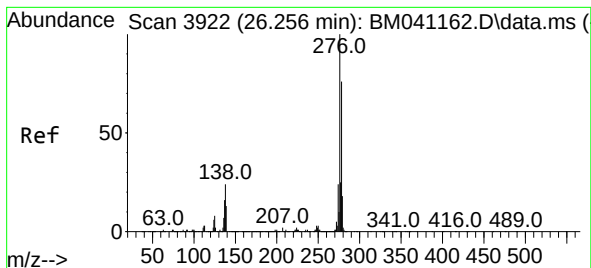
Delta R.T. -0.006 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Tgt Ion:	264	Resp:	796810
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.5	27.7
265	22.5	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.111 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Instrument :

BNA_M

ClientSampleId :

SB-08-(0.5-2.0)

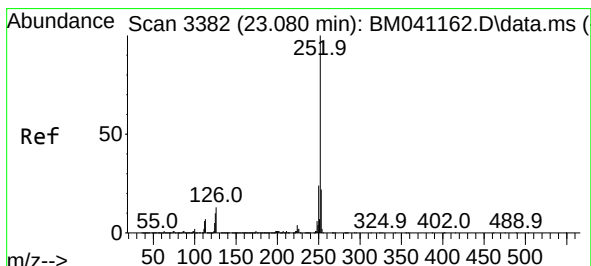
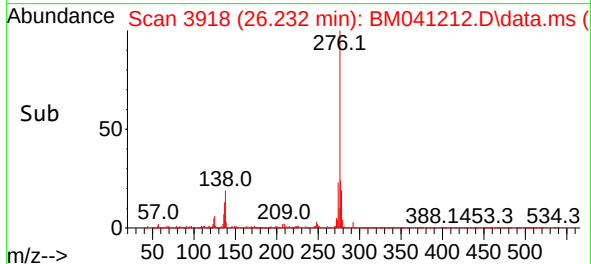
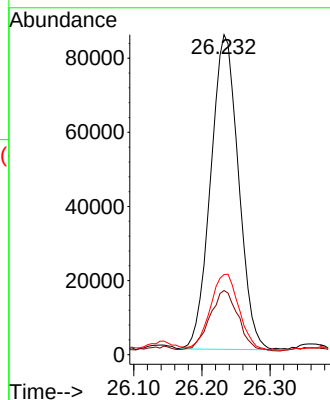
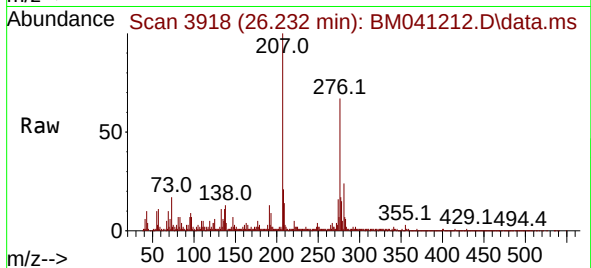
Tgt Ion:	276	Resp:	240820
Ion Ratio	Lower	Upper	
276	100		
138	20.0	20.0	30.0
277	25.2	20.1	30.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#88

Benzo(b)fluoranthene

Concen: 10.612 ng

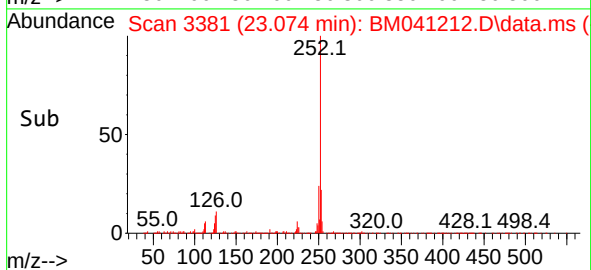
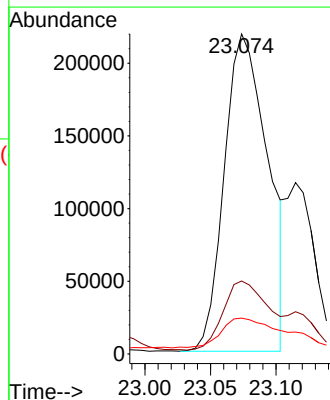
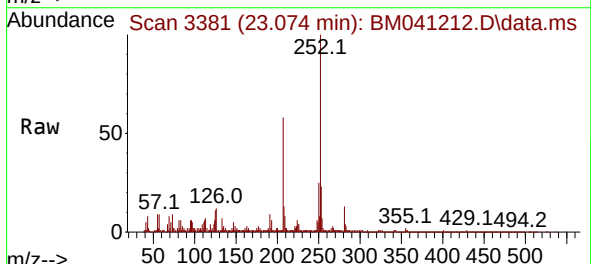
RT: 23.074 min Scan# 3381

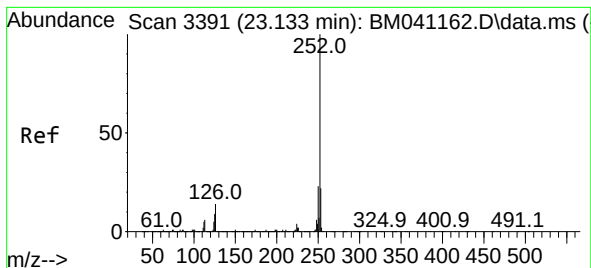
Delta R.T. -0.000 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Tgt Ion:	252	Resp:	502334
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	11.2	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 3.611 ng m

RT: 23.115 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

Instrument :

BNA_M

ClientSampleId :

SB-08-(0.5-2.0)

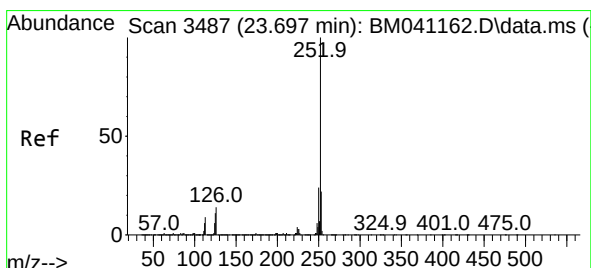
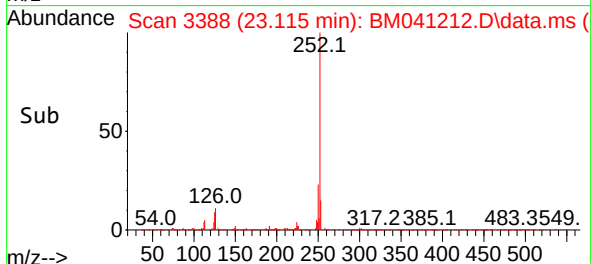
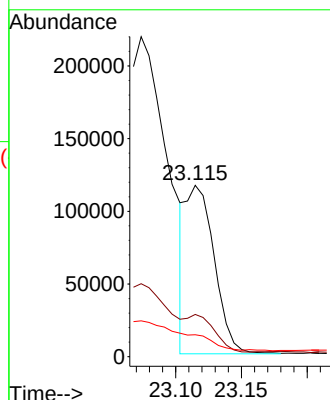
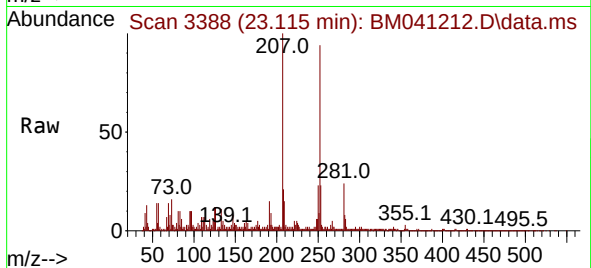
Tgt Ion:	252	Resp:	17486
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	12.8	7.6	11.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#90

Benzo(a)pyrene

Concen: 7.476 ng

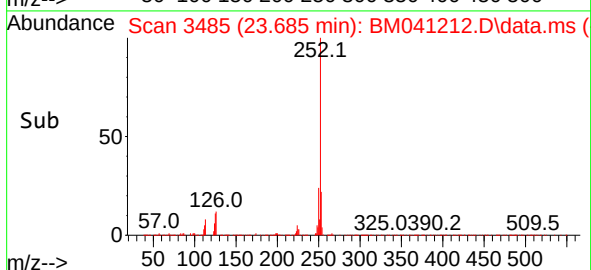
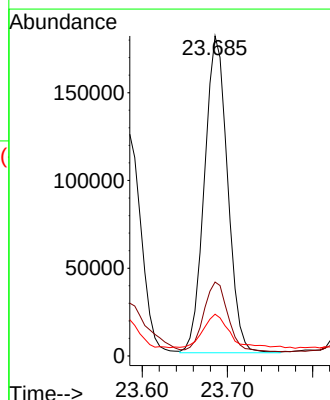
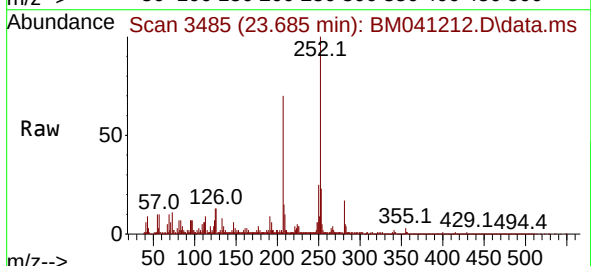
RT: 23.685 min Scan# 3485

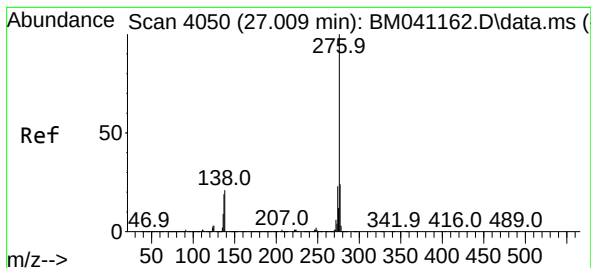
Delta R.T. -0.006 min

Lab File: BM041212.D

Acq: 01 Aug 2023 06:20

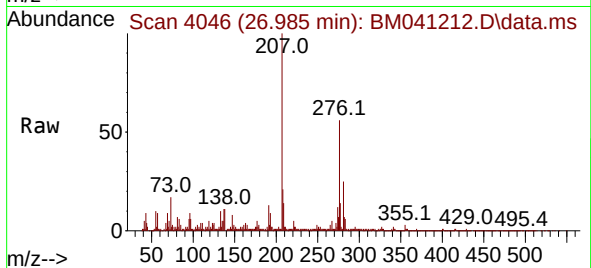
Tgt Ion:	252	Resp:	340050
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	13.0	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 4.647 ng
RT: 26.985 min Scan# 40
Delta R.T. -0.012 min
Lab File: BM041212.D
Acq: 01 Aug 2023 06:20

Instrument :
BNA_M
ClientSampleId :
SB-08-(0.5-2.0)



Tgt Ion: 276 Resp: 222194
Ion Ratio Lower Upper
276 100
277 25.2 19.1 28.7
138 19.8 17.1 25.7

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

