

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041251.D
 Acq On : 02 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03813-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 09:35:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	164640	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	709764	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	473549	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1021631	20.000	ng	0.00
76) Chrysene-d12	21.427	240	706849	20.000	ng	0.00
86) Perylene-d12	23.797	264	713533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	149616	13.582	ng	0.00
7) Phenol-d6	6.981	99	205688	14.405	ng	0.00
23) Nitrobenzene-d5	8.975	82	125611	8.230	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	95226	14.217	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	318151	8.487	ng	0.00
79) Terphenyl-d14	19.856	244	477987	12.226	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.292	202	285386	4.475	ng	99
78) Pyrene	19.656	202	280355	5.672	ng	99
81) Benzo(a)anthracene	21.409	228	171796	3.585	ng	99
83) Chrysene	21.462	228	190401	4.108	ng	98
87) Indeno(1,2,3-cd)pyrene	26.244	276	160086	3.052	ng	# 94
88) Benzo(b)fluoranthene	23.080	252	297731	7.024	ng	96
89) Benzo(k)fluoranthene	23.121	252	95695m	2.207	ng	
90) Benzo(a)pyrene	23.692	252	199838	4.907	ng	96
92) Benzo(g,h,i)perylene	26.997	276	172368	4.026	ng	99

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

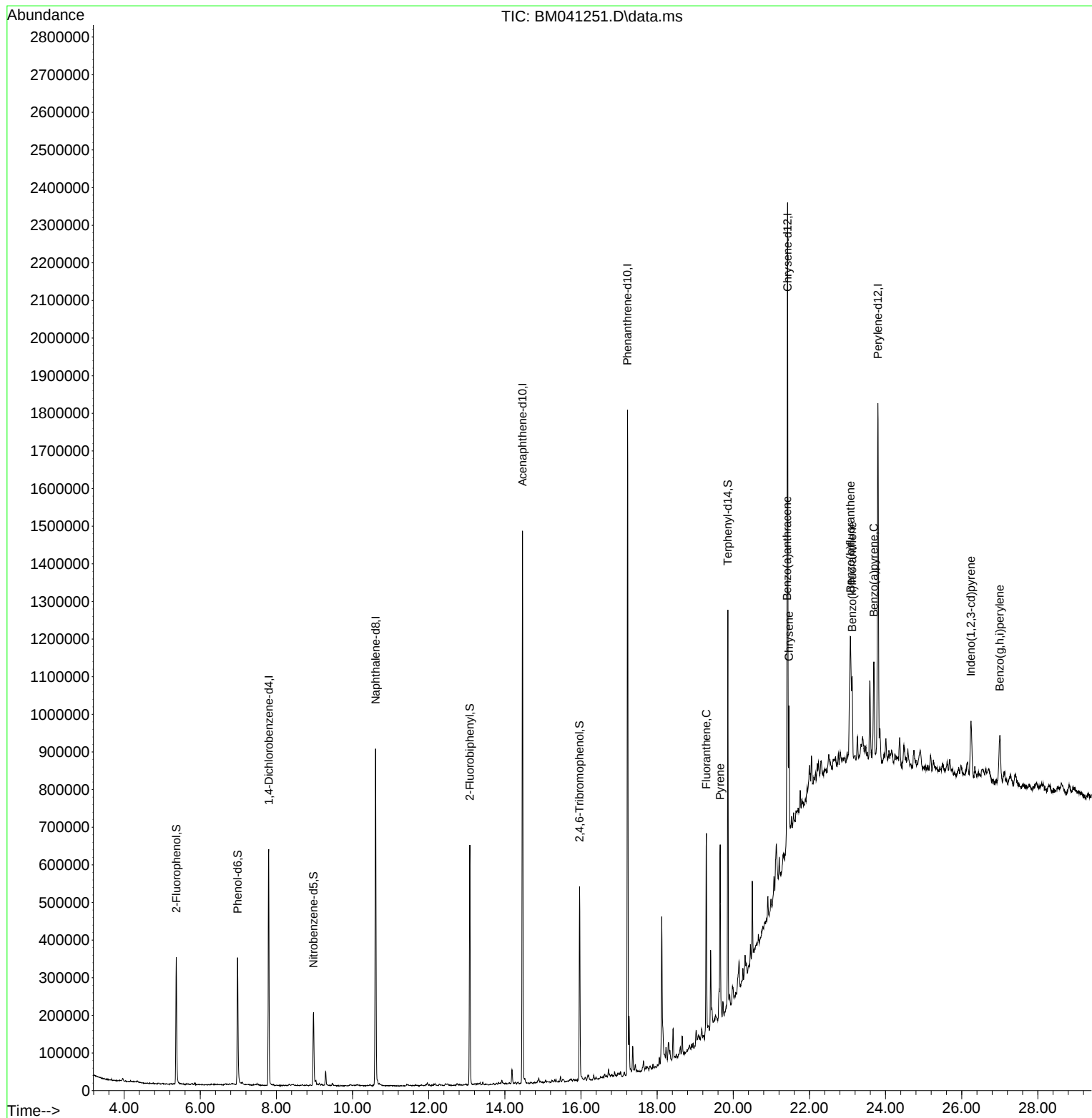
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041251.D
Acq On : 02 Aug 2023 18:59
Operator : MA/JU
Sample : 03813-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

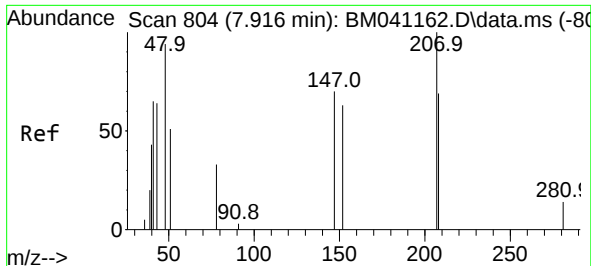
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

Quant Time: Aug 03 09:35:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

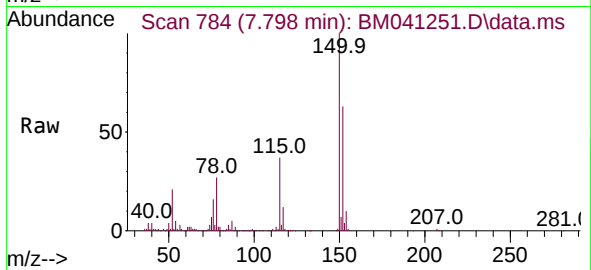
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

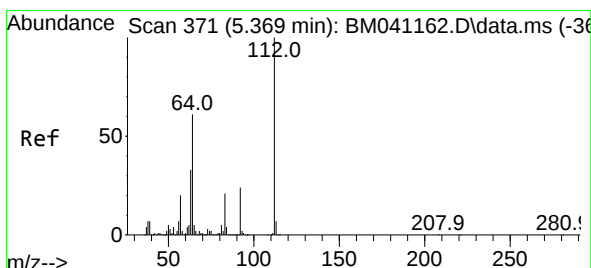
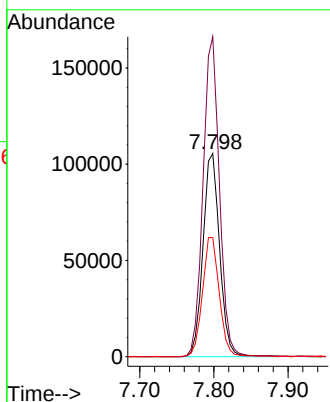
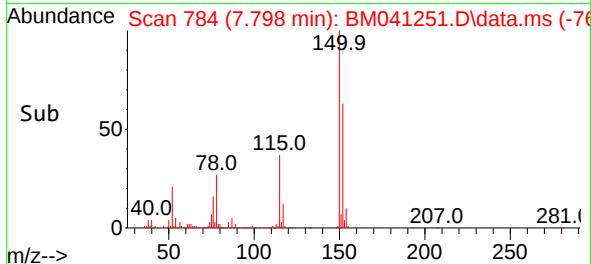
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1



Tgt Ion:152 Resp: 164640
Ion Ratio Lower Upper
152 100
150 157.5 125.5 188.3
115 58.7 48.0 72.0

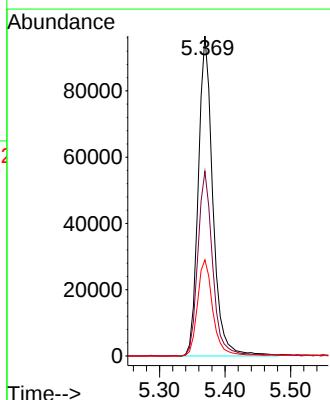
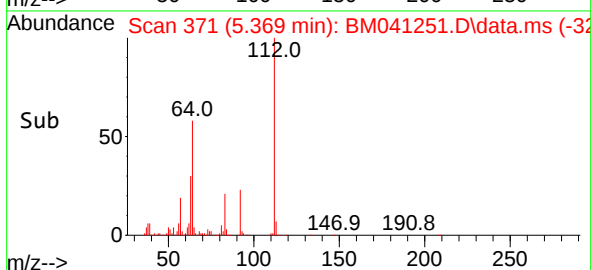
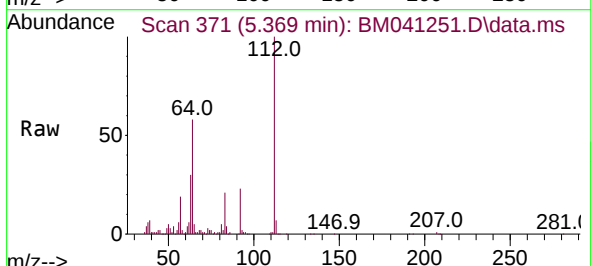
Manual Integrations
APPROVED

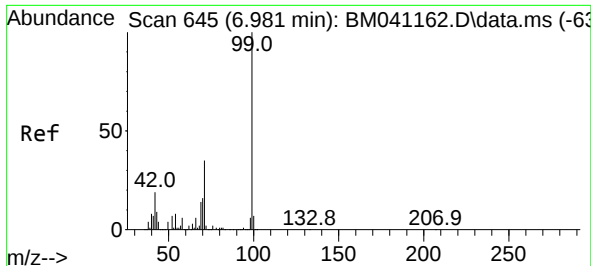
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#5
2-Fluorophenol
Concen: 13.582 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:112 Resp: 149616
Ion Ratio Lower Upper
112 100
64 57.7 48.5 72.7
63 30.1 26.5 39.7





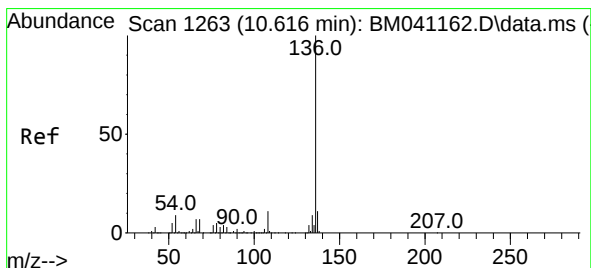
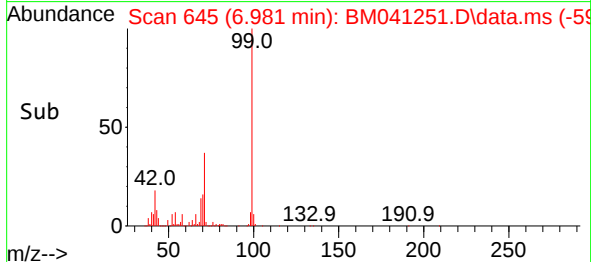
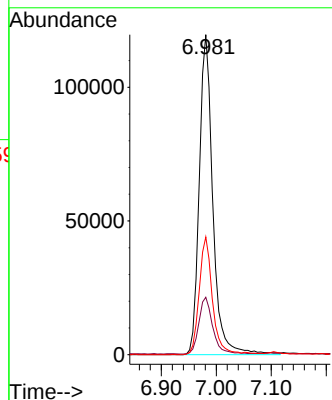
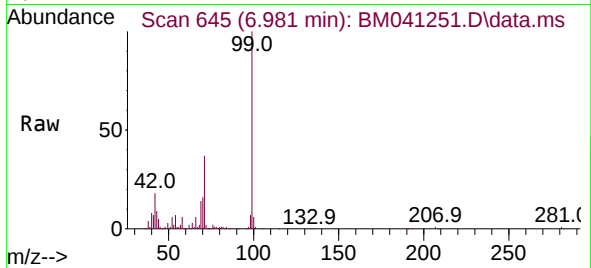
#7
Phenol-d6
Concen: 14.405 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

Tgt Ion: 99 Resp: 205688
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.8 28.2 42.4

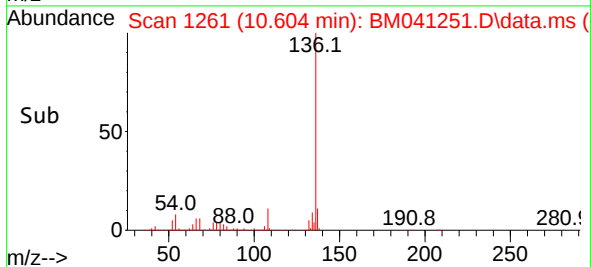
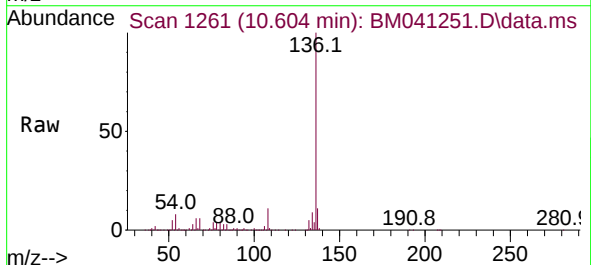
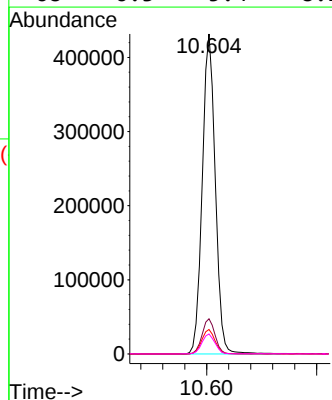
Manual Integrations
APPROVED

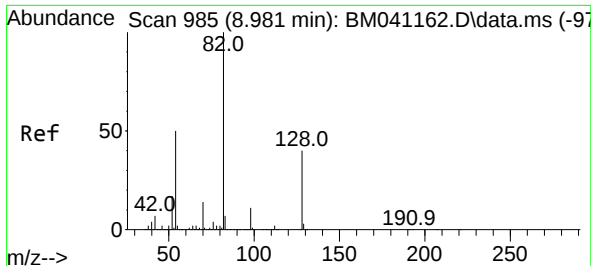
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:136 Resp: 709764
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.9 10.3
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 8.230 ng

RT: 8.975 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

Tgt Ion: 82 Resp: 12561

Ion Ratio Lower Upper

82 100

128 42.5 31.8 47.6

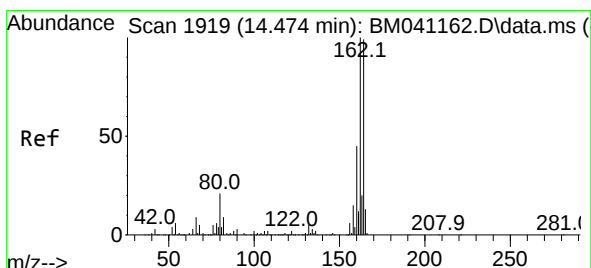
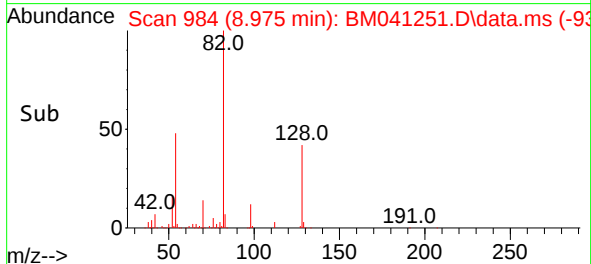
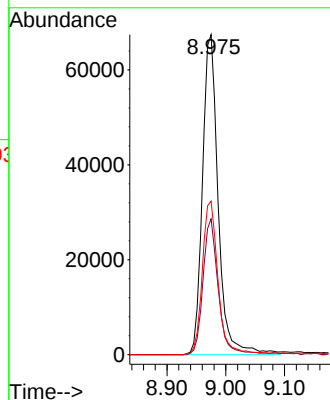
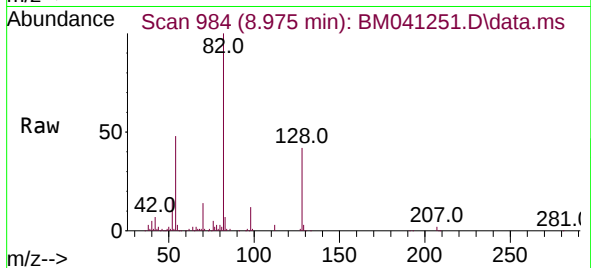
54 48.0 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

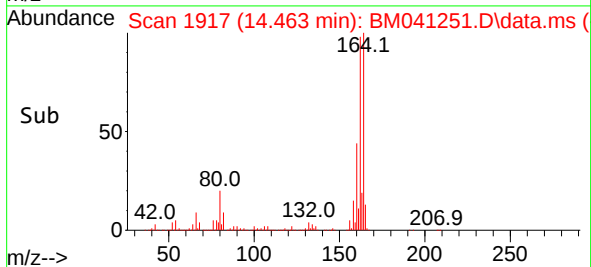
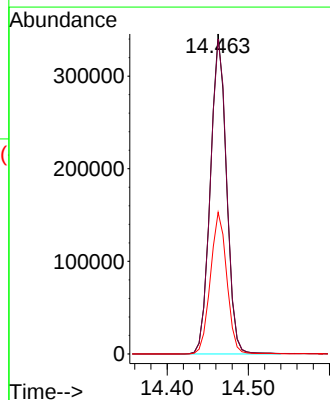
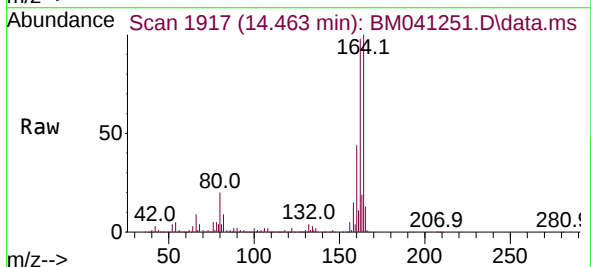
Tgt Ion:164 Resp: 473549

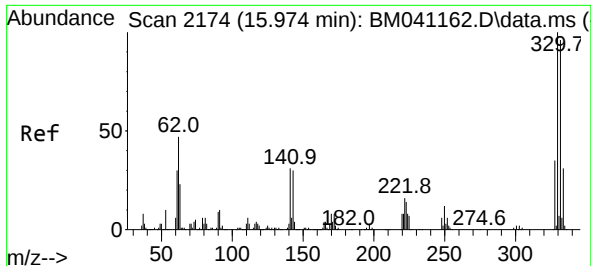
Ion Ratio Lower Upper

164 100

162 98.4 80.4 120.6

160 44.3 36.2 54.2





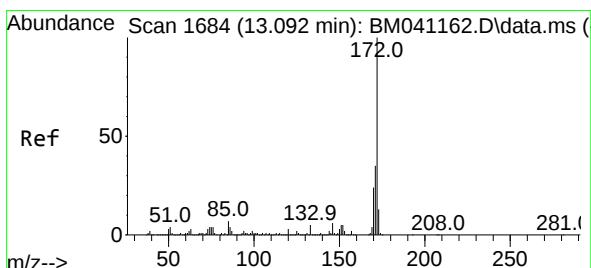
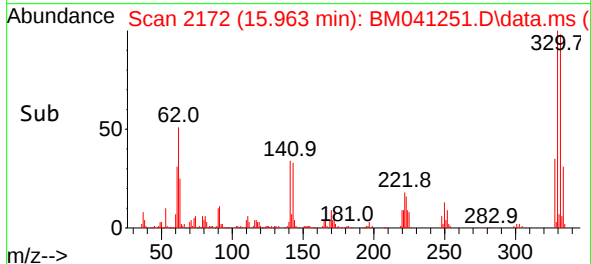
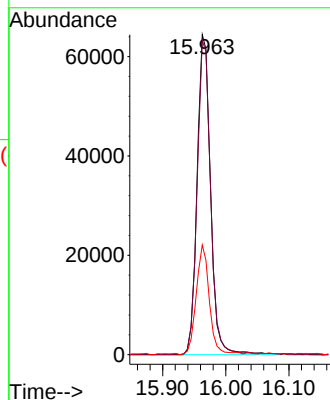
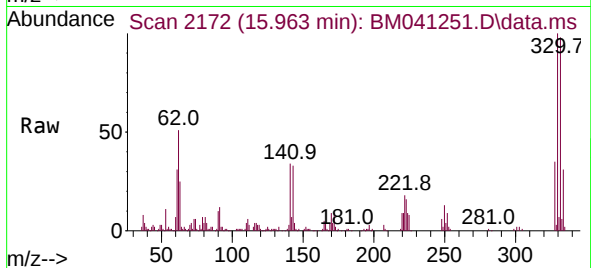
#42
2,4,6-Tribromophenol
Concen: 14.217 ng
RT: 15.963 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

Tgt Ion:330 Resp: 95220
Ion Ratio Lower Upper
330 100
332 98.6 77.7 116.5
141 33.5 28.3 42.5

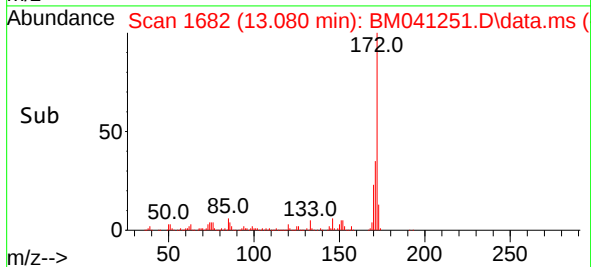
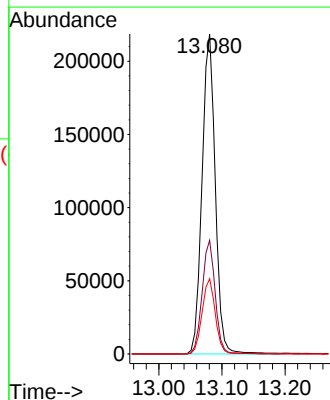
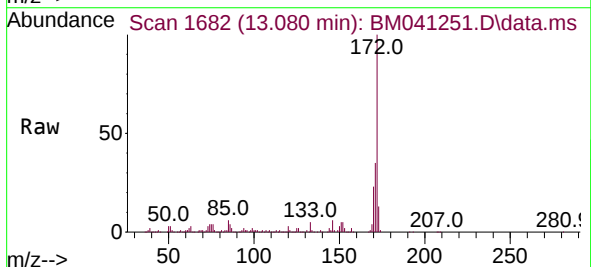
Manual Integrations
APPROVED

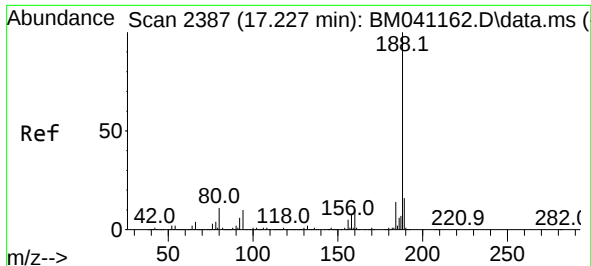
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#45
2-Fluorobiphenyl
Concen: 8.487 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

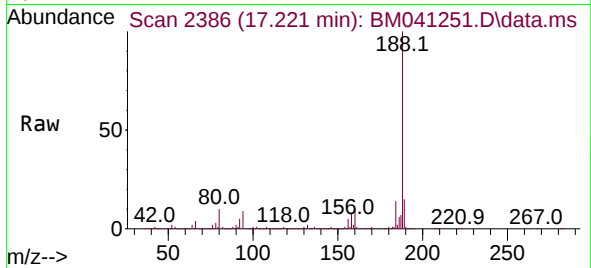
Tgt Ion:172 Resp: 318151
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

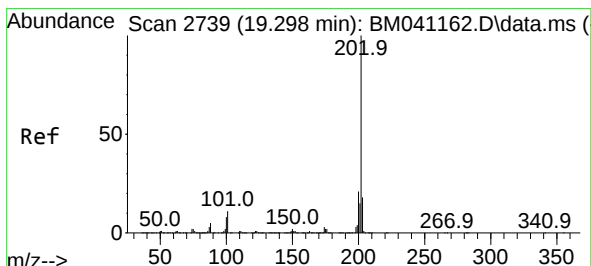
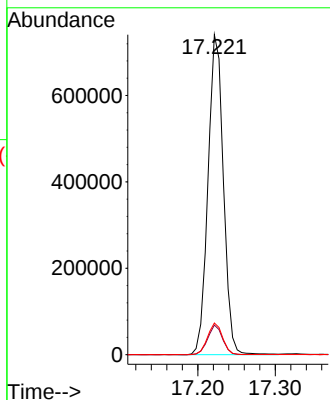
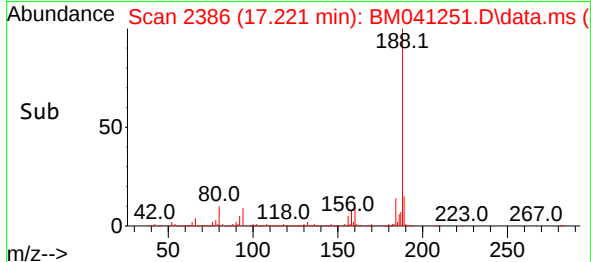
Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1



Tgt Ion:188 Resp: 102163
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 8.6 13.0

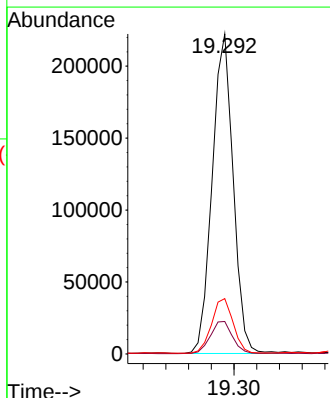
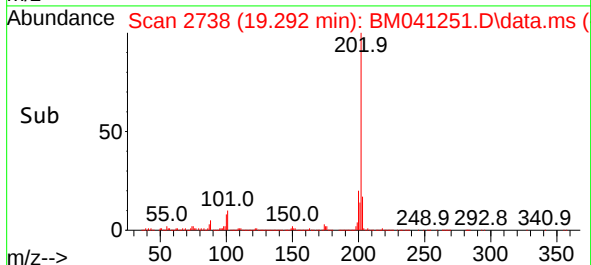
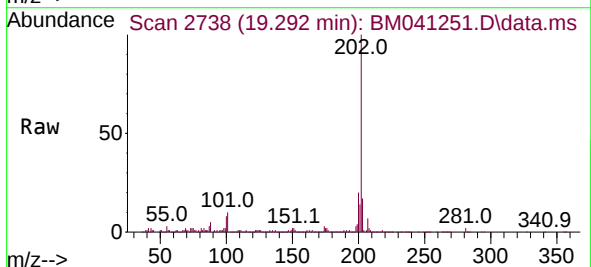
Manual Integrations
APPROVED

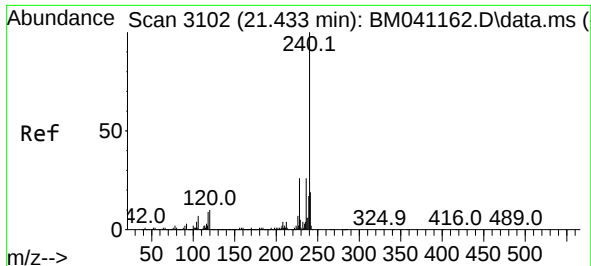
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#75
Fluoranthene
Concen: 4.475 ng
RT: 19.292 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Tgt Ion:202 Resp: 285386
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.8
203 17.3 0.0 37.6





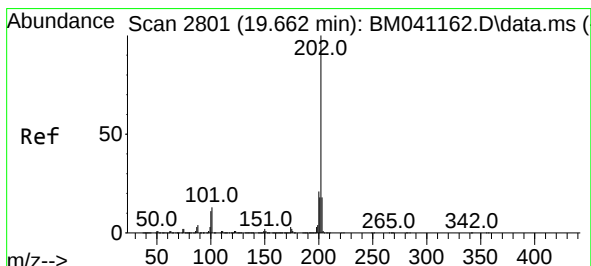
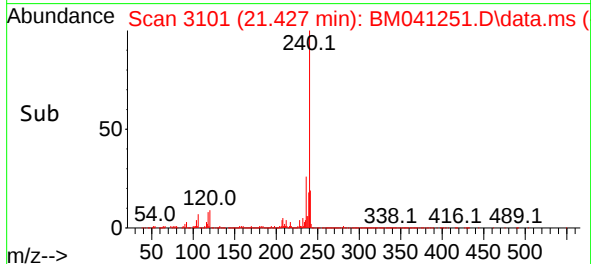
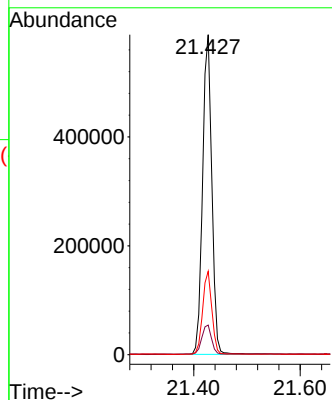
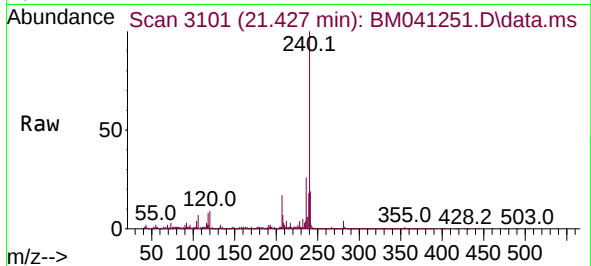
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

Tgt Ion:240 Resp: 706849
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 26.0 20.6 30.8

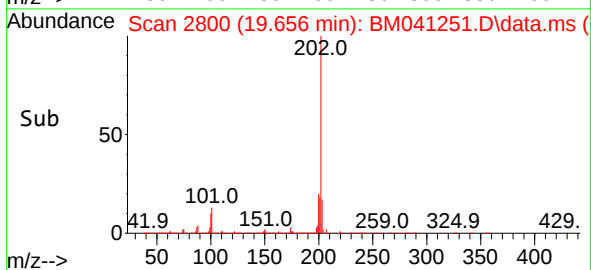
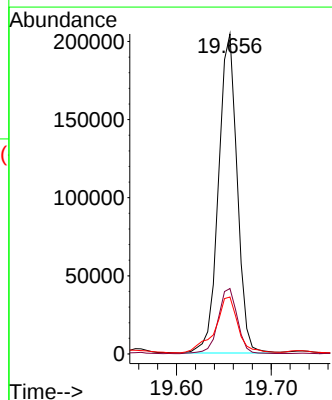
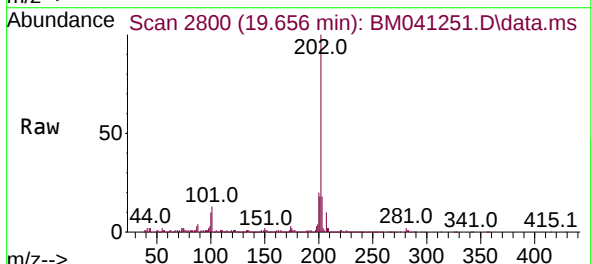
Manual Integrations
APPROVED

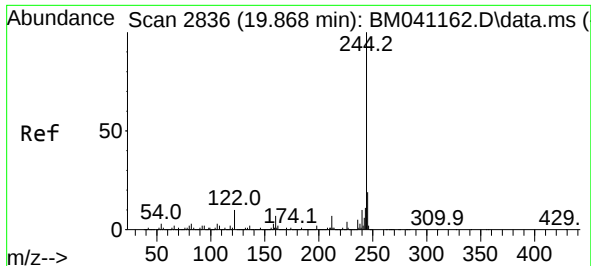
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#78
Pyrene
Concen: 5.672 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

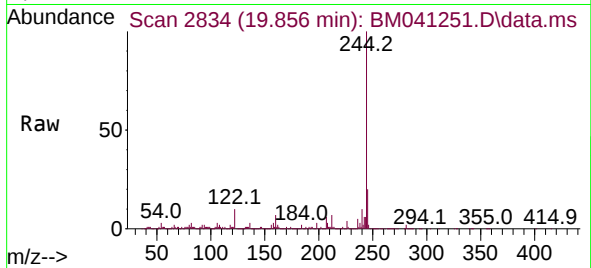
Tgt Ion:202 Resp: 280355
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 12.226 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041251.D
 Acq: 02 Aug 2023 18:59

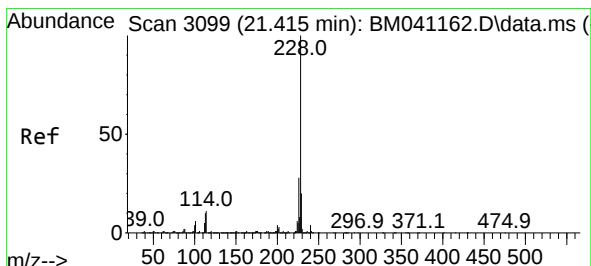
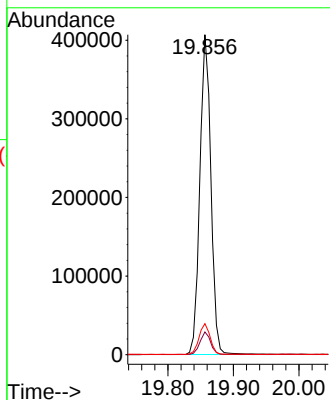
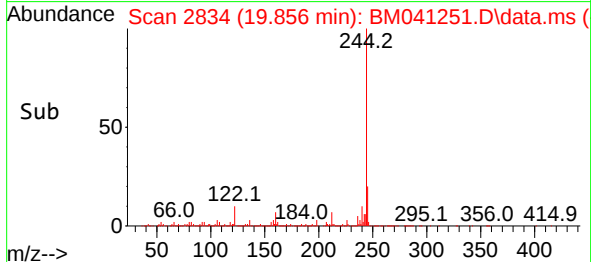
Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-1



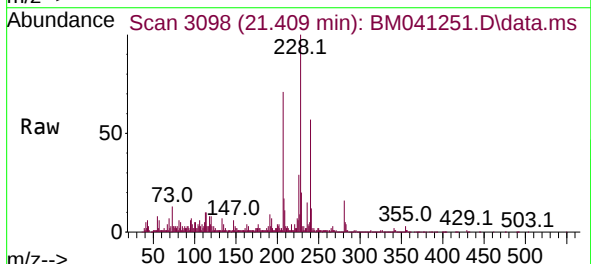
Tgt Ion:244 Resp: 47798
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.7 7.8 11.6

Manual Integrations
 APPROVED

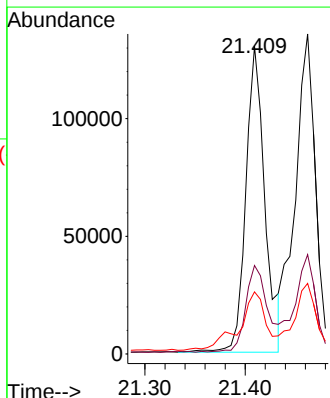
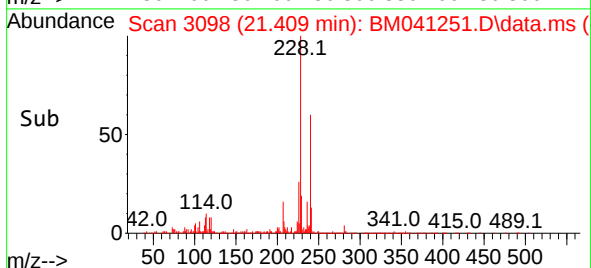
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

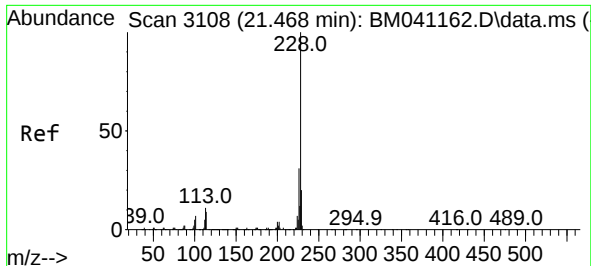


#81
 Benzo(a)anthracene
 Concen: 3.585 ng
 RT: 21.409 min Scan# 3098
 Delta R.T. -0.006 min
 Lab File: BM041251.D
 Acq: 02 Aug 2023 18:59



Tgt Ion:228 Resp: 171796
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.4 33.6
 229 20.2 15.8 23.8





#83

Chrysene

Concen: 4.108 ng

RT: 21.462 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

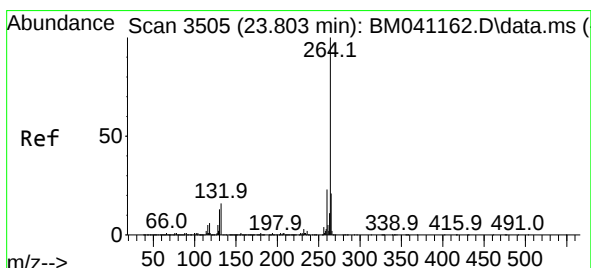
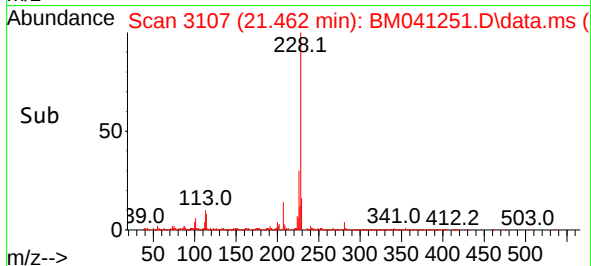
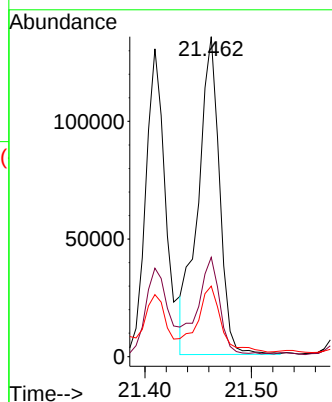
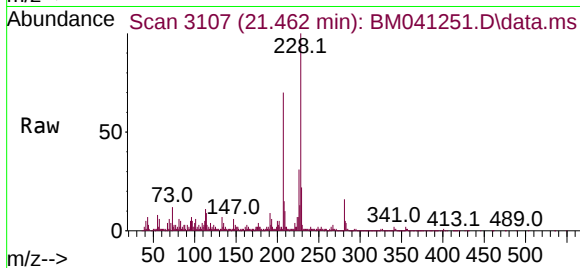
Tgt Ion:	228	Resp:	19040
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.5	36.7
229	22.1	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#86

Perylene-d12

Concen: 20.000 ng

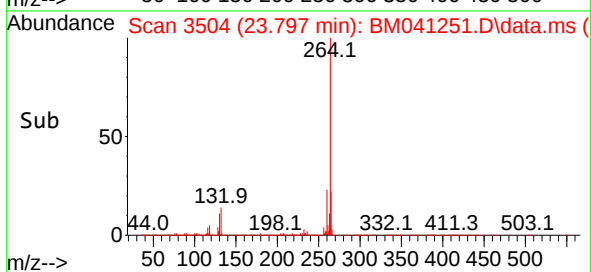
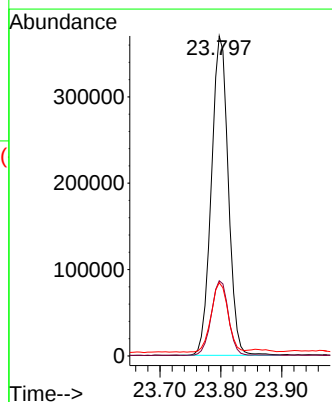
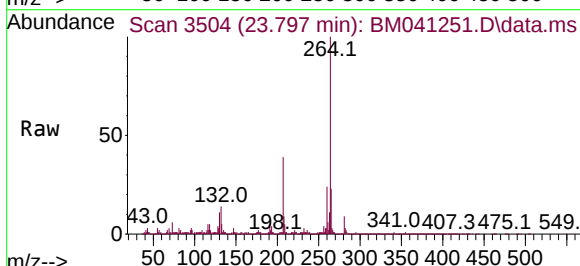
RT: 23.797 min Scan# 3504

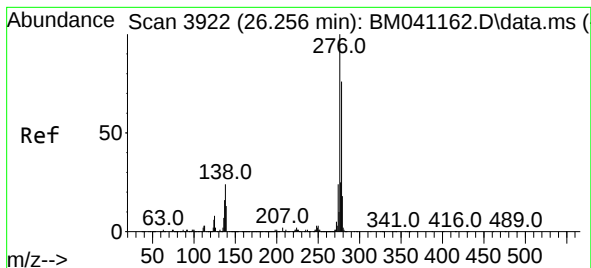
Delta R.T. -0.006 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Tgt Ion:	264	Resp:	713533
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.5	27.7
265	22.9	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.052 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.018 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Instrument :

BNA_M

ClientSampleId :

PLAUDERVILLE-1

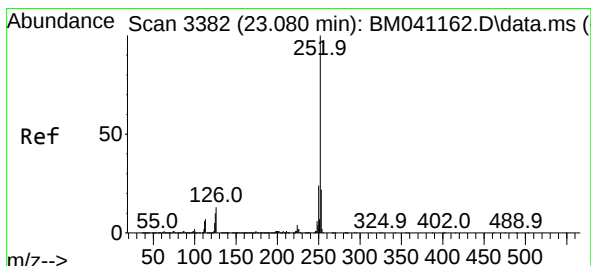
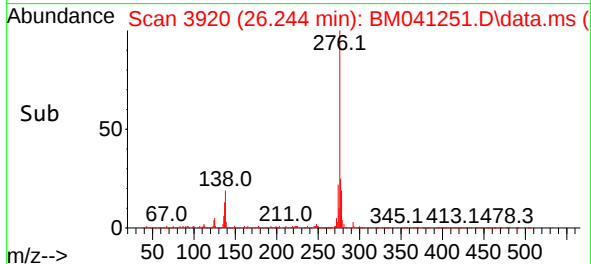
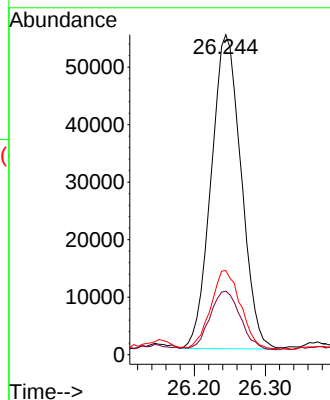
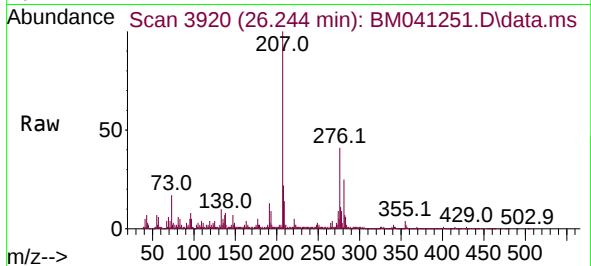
Tgt Ion:	276	Resp:	160080
Ion Ratio	Lower	Upper	
276	100		
138	18.9	20.0	30.0
277	25.4	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 7.024 ng

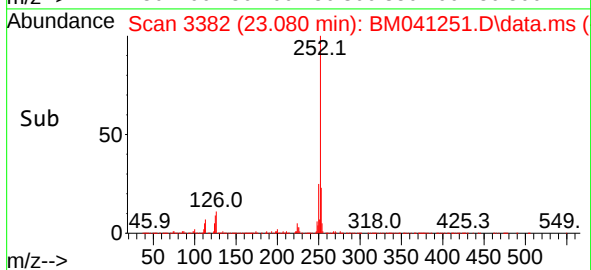
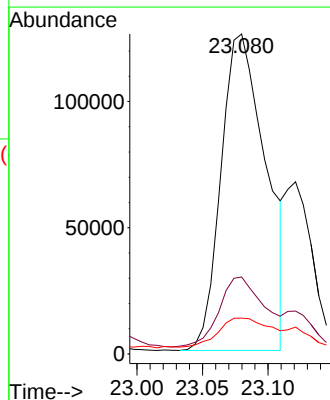
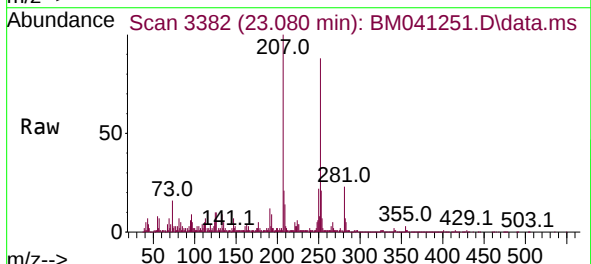
RT: 23.080 min Scan# 3382

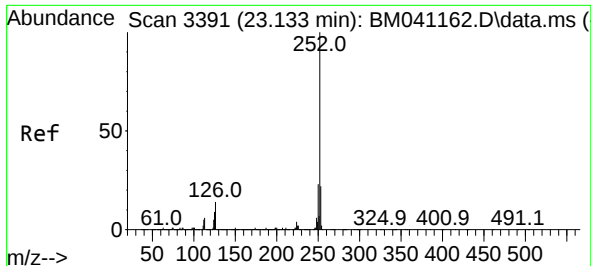
Delta R.T. -0.006 min

Lab File: BM041251.D

Acq: 02 Aug 2023 18:59

Tgt Ion:	252	Resp:	297731
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	11.2	8.2	12.4





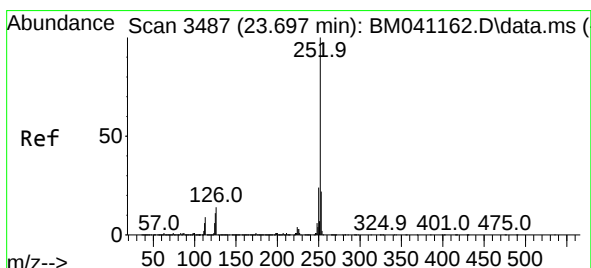
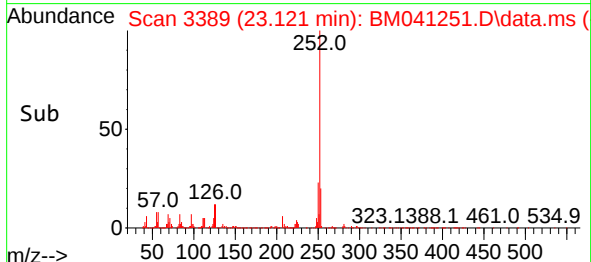
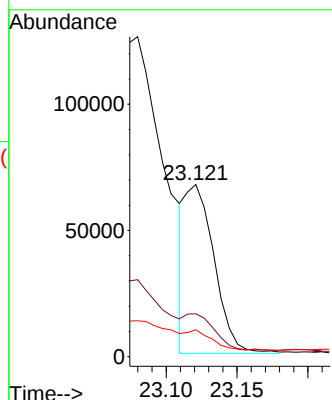
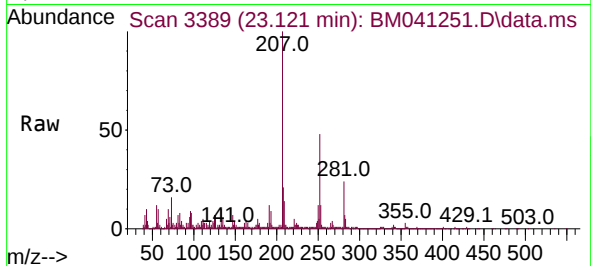
#89
Benzo(k)fluoranthene
Concen: 2.207 ng m
RT: 23.121 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

Instrument :
BNA_M
ClientSampleId :
PLAUDERVILLE-1

Tgt Ion:252 Resp: 9569
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 15.6 7.6 11.4

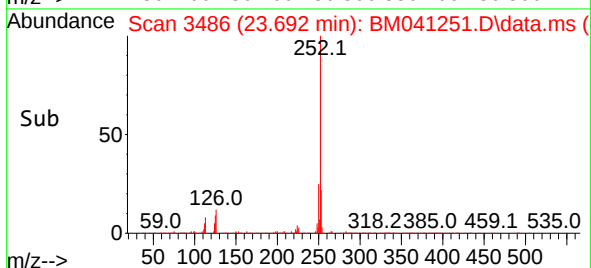
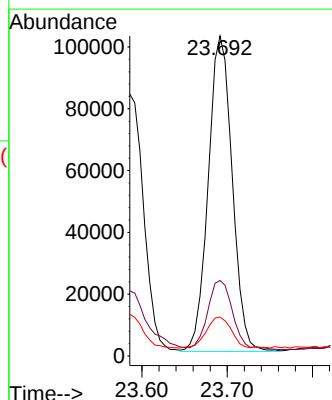
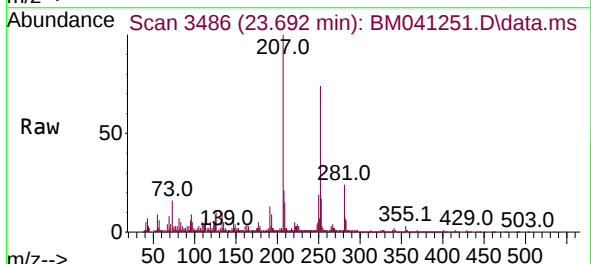
Manual Integrations
APPROVED

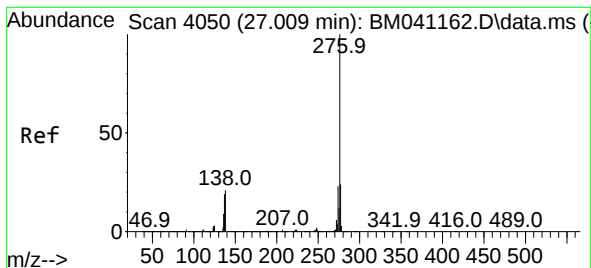
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 4.907 ng
RT: 23.692 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041251.D
Acq: 02 Aug 2023 18:59

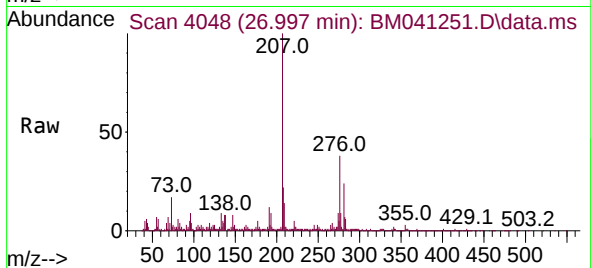
Tgt Ion:252 Resp: 199838
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 12.1 9.0 13.4





#92
 Benzo(g,h,i)perylene
 Concen: 4.026 ng
 RT: 26.997 min Scan# 4048
 Delta R.T. -0.018 min
 Lab File: BM041251.D
 Acq: 02 Aug 2023 18:59

Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-1



Tgt Ion: 276 Resp: 172368
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.1 28.7
 138 20.6 17.1 25.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

