

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041434.D
 Acq On : 17 Aug 2023 12:57
 Operator : MA/JU
 Sample : 03992-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 17 14:12:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	101565	20.000	ng	0.01
21) Naphthalene-d8	10.575	136	364212	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	219756	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	527154	20.000	ng	0.00
76) Chrysene-d12	21.409	240	512908	20.000	ng	# 0.02
86) Perylene-d12	23.791	264	595273	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1232m	0.202	ng	0.04
7) Phenol-d6	7.157	99	228123	27.517	ng	0.21
23) Nitrobenzene-d5	8.969	82	492646	64.569	ng	0.02
42) 2,4,6-Tribromophenol	15.927	330	210675	60.410	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1068269	65.141	ng	0.00
79) Terphenyl-d14	19.833	244	1747550	59.290	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.598	107	26124	3.322	ng	Qvalue 90

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

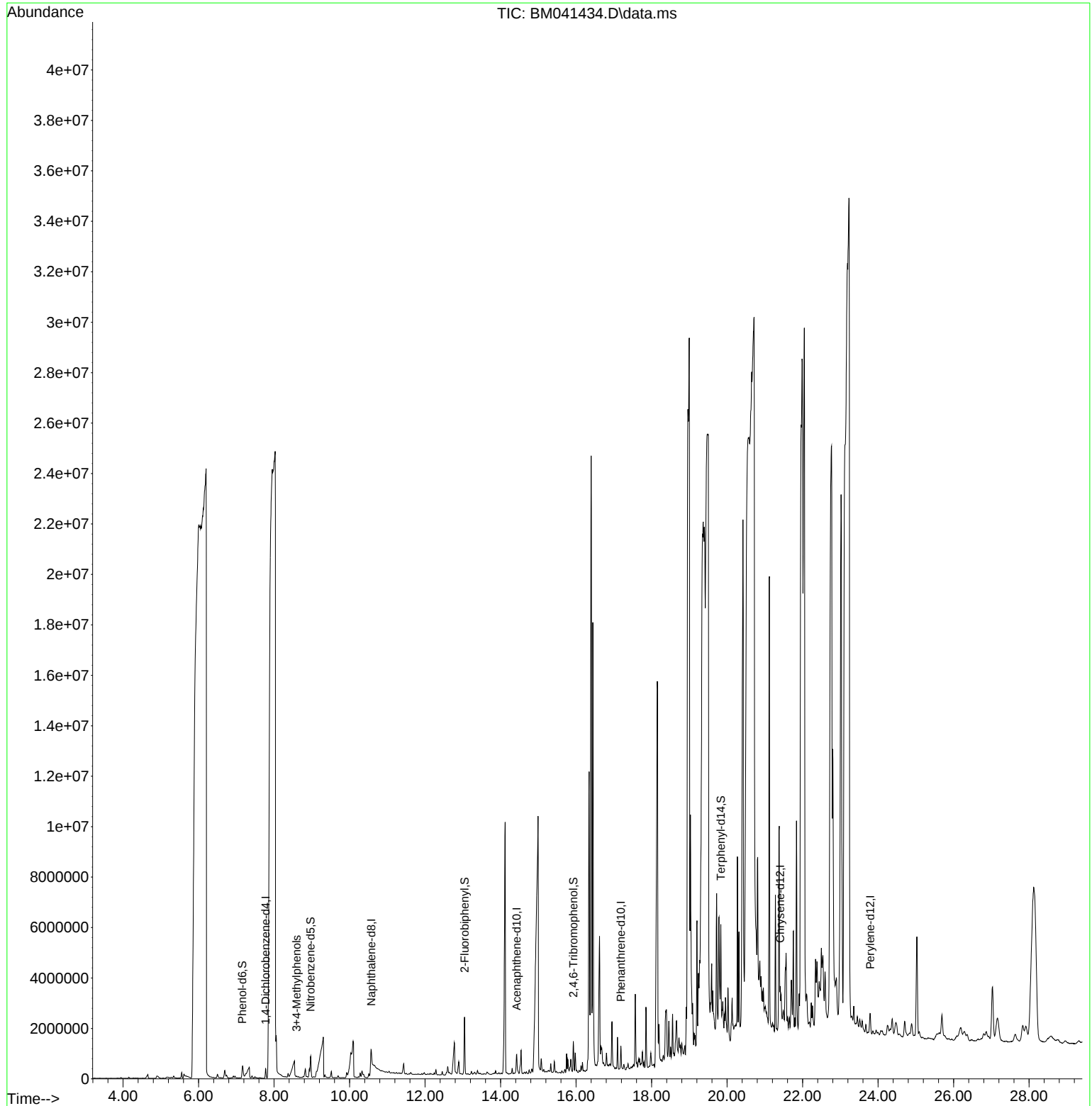
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
Data File : BM041434.D
Acq On : 17 Aug 2023 12:57
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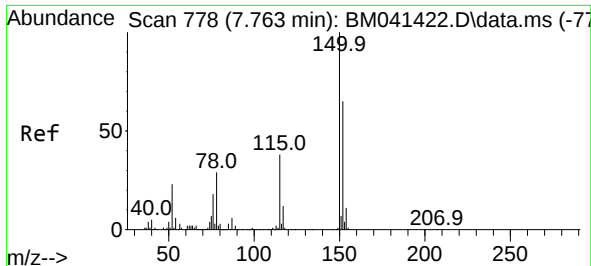
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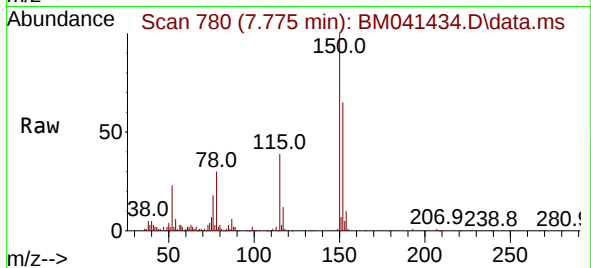
Quant Time: Aug 17 14:12:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. 0.012 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

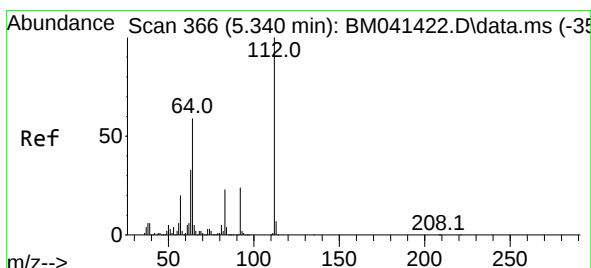
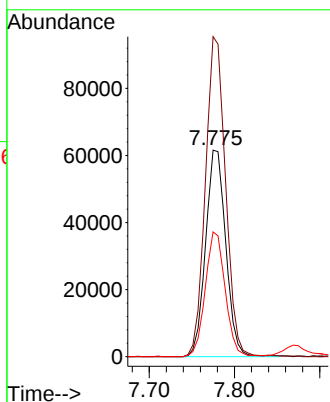
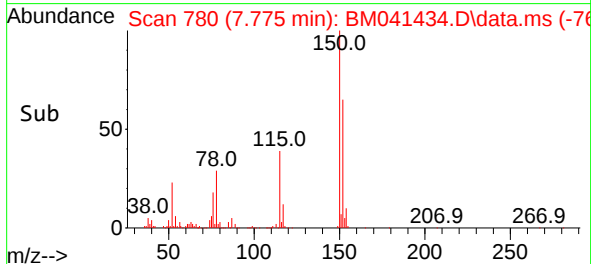
Instrument :
BNA_M
ClientSampleId :
EFF-WW



Tgt Ion:152 Resp: 10156
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 60.4 46.6 70.0

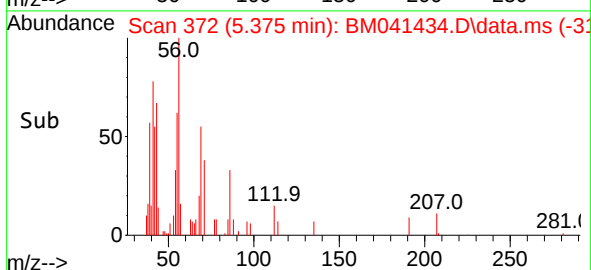
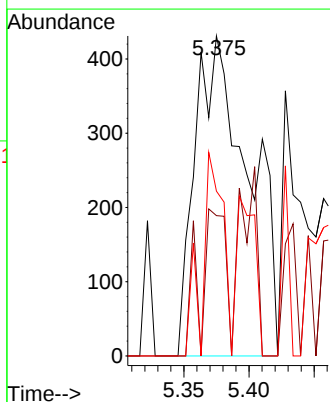
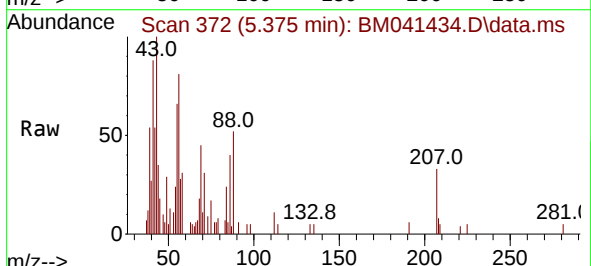
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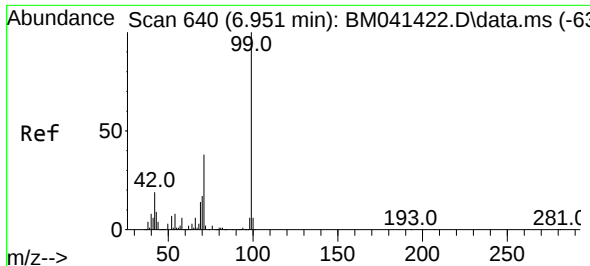
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#5
2-Fluorophenol
Concen: 0.202 ng m
RT: 5.375 min Scan# 372
Delta R.T. 0.035 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

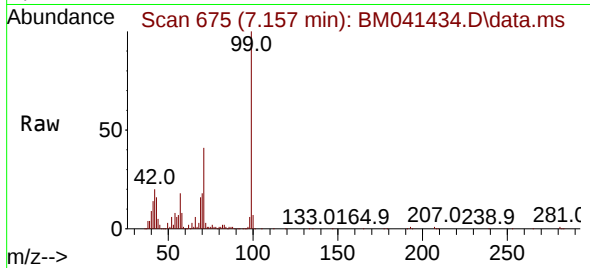
Tgt Ion:112 Resp: 1232
Ion Ratio Lower Upper
112 100
64 43.9 47.3 70.9#
63 51.5 26.5 39.7#





#7
Phenol-d6
Concen: 27.517 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.206 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

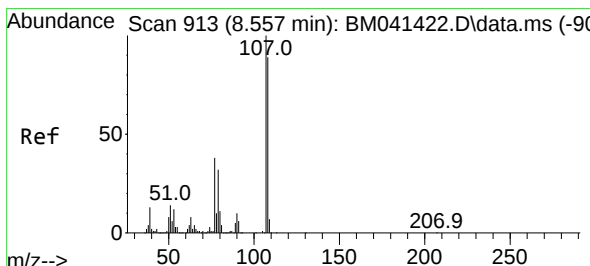
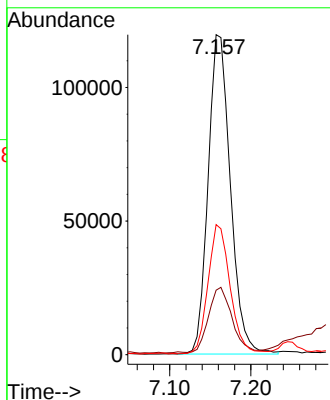
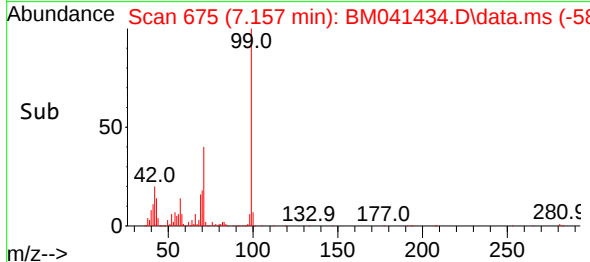
Instrument :
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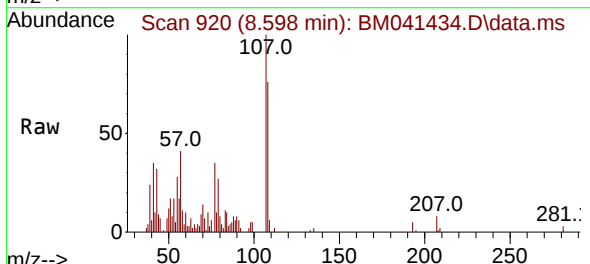
Tgt Ion: 99 Resp: 22812
Ion Ratio Lower Upper
99 100
42 20.1 15.2 22.8
71 40.6 30.7 46.1

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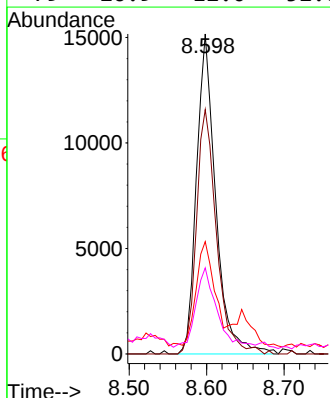
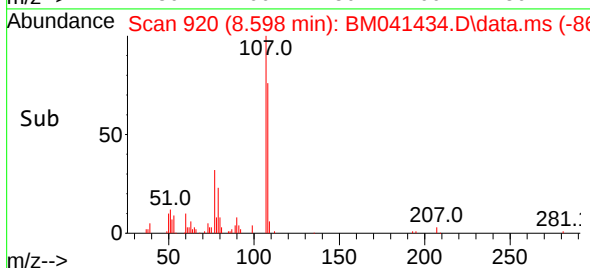
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

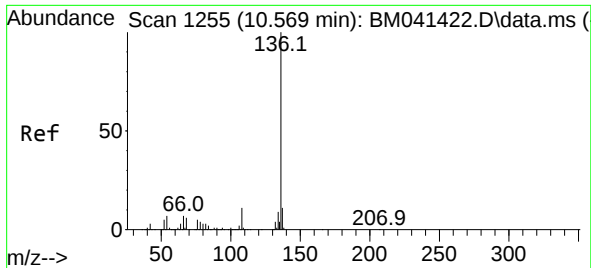


#20
3+4-Methylphenols
Concen: 3.322 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.041 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57



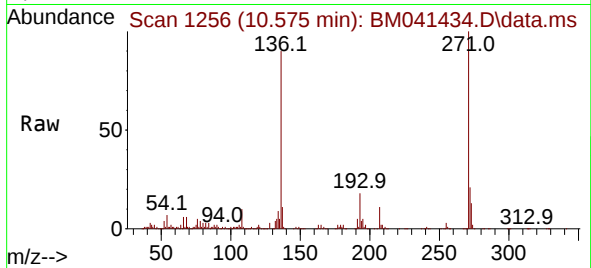
Tgt Ion:107 Resp: 26124
Ion Ratio Lower Upper
107 100
108 76.3 68.7 108.7
77 35.1 18.1 58.1
79 26.9 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

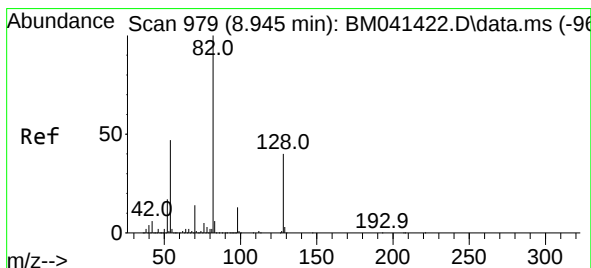
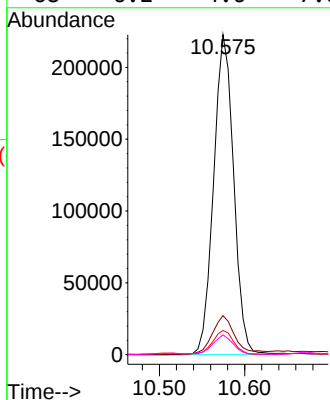
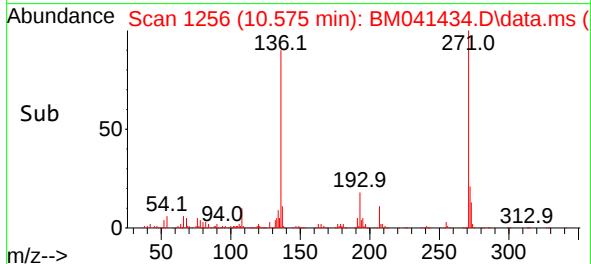
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:136 Resp: 36421
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 7.6 5.7 8.5
68 6.2 4.6 7.0

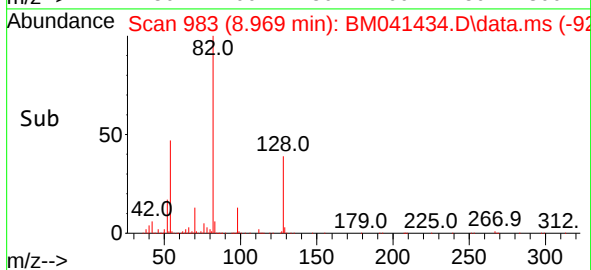
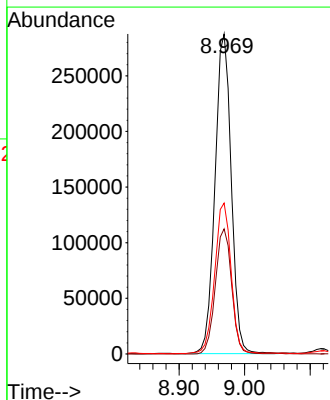
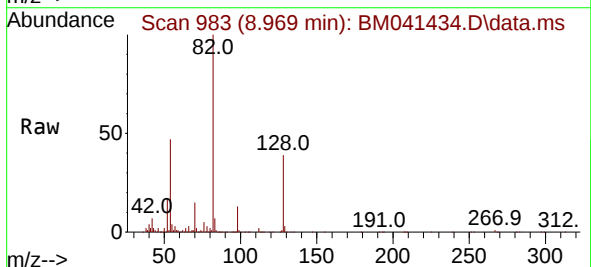
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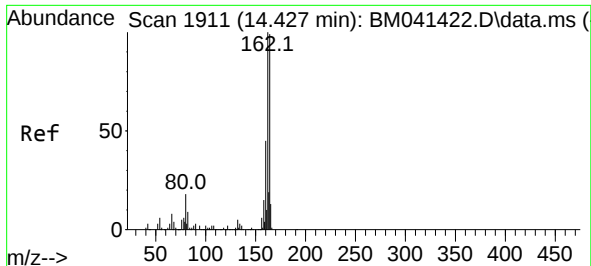
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#23
Nitrobenzene-d5
Concen: 64.569 ng
RT: 8.969 min Scan# 983
Delta R.T. 0.023 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

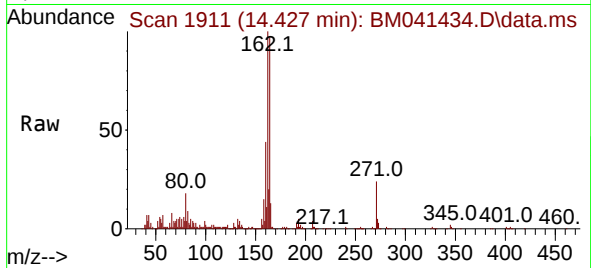
Tgt Ion: 82 Resp: 492646
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.4
54 47.2 37.5 56.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

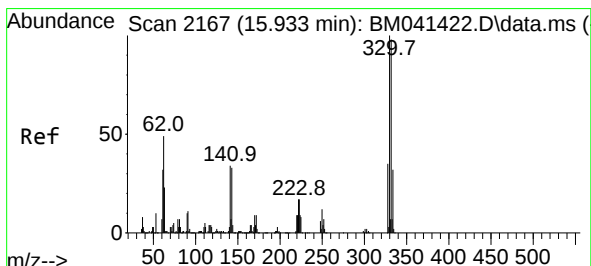
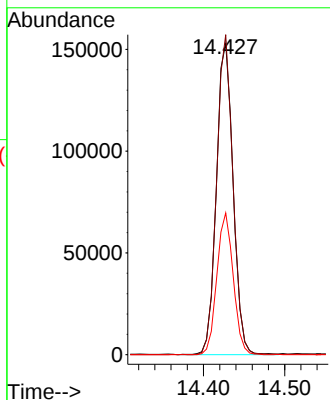
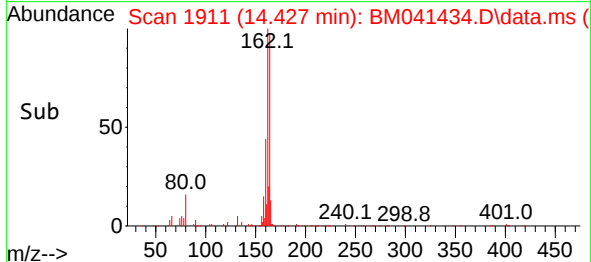
Instrument :
BNA_M
ClientSampleId :
EFF-WW



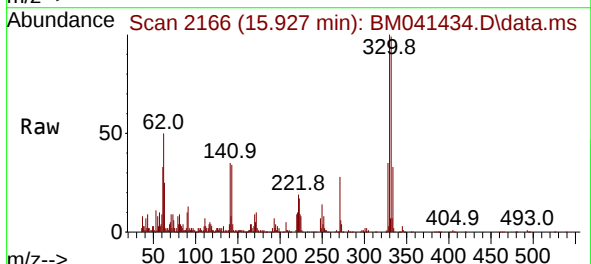
Tgt Ion:164 Resp: 219750
Ion Ratio Lower Upper
164 100
162 102.8 80.4 120.6
160 45.6 35.9 53.9

Manual Integrations
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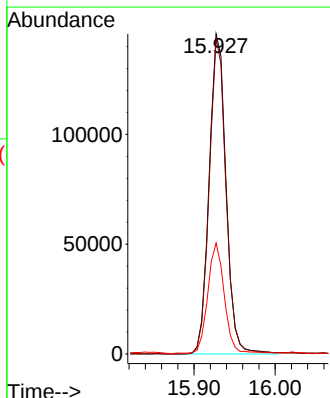
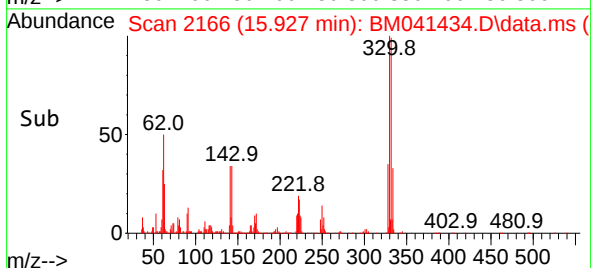
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

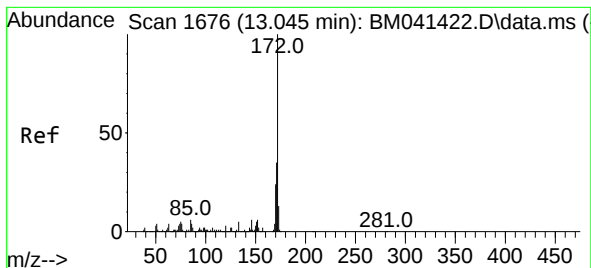


#42
2,4,6-Tribromophenol
Concen: 60.410 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57



Tgt Ion:330 Resp: 210675
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 33.7 28.3 42.5





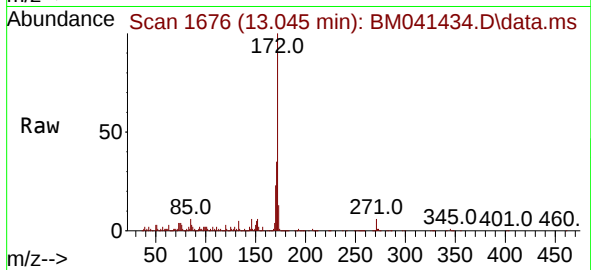
#45
2-Fluorobiphenyl
Concen: 65.141 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW

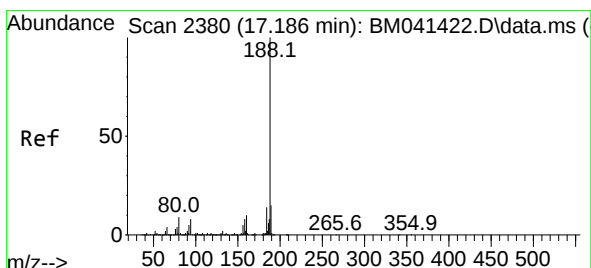
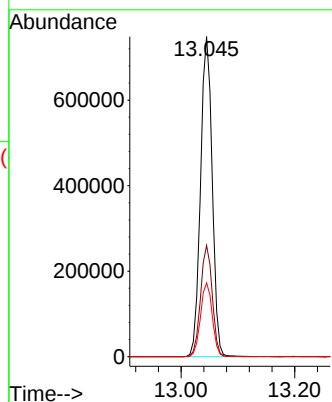
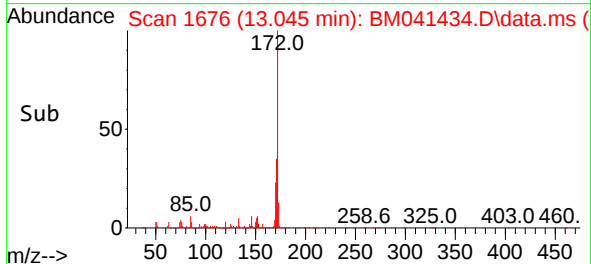


Tgt Ion:172 Resp: 1068269
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.0 19.0 28.6

Manual Integrations

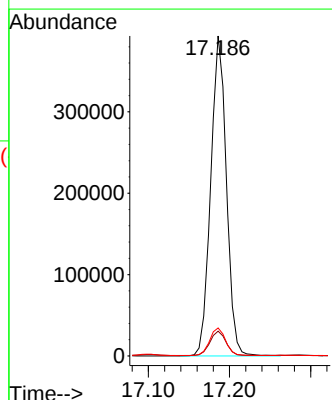
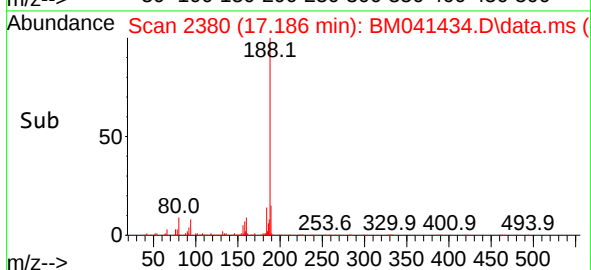
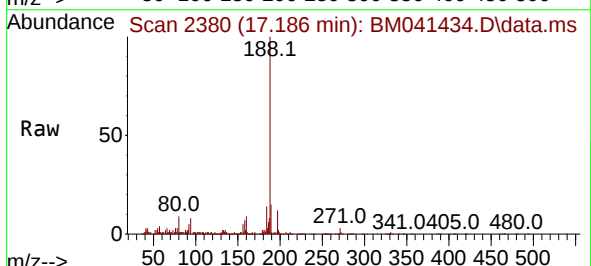
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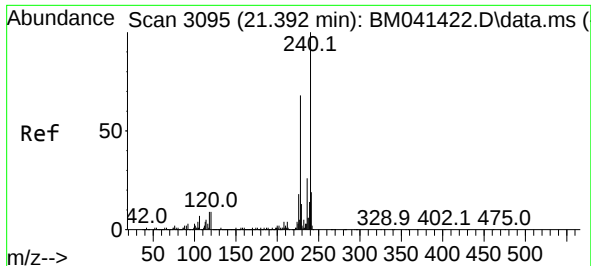
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

Tgt Ion:188 Resp: 527154
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.8 7.5 11.3





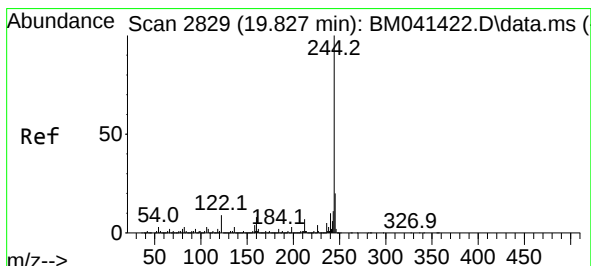
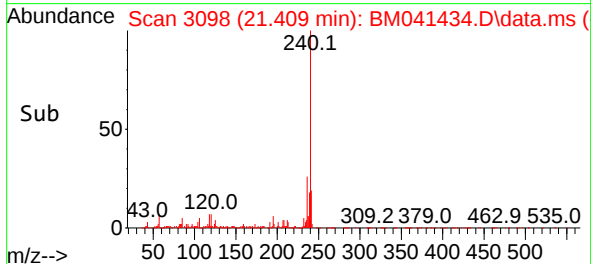
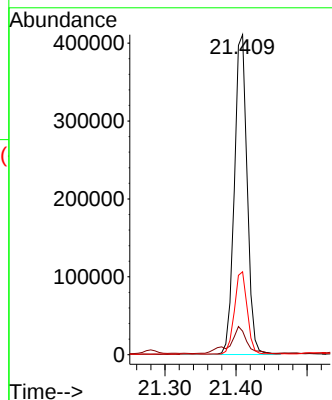
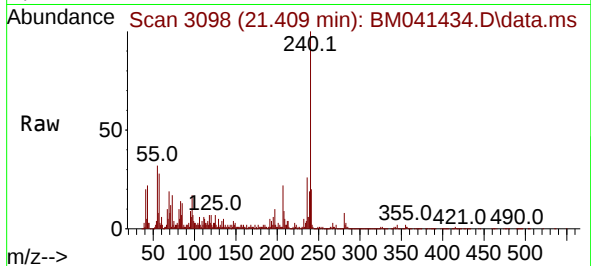
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3095
Delta R.T. 0.018 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:240 Resp: 512908
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.2
236 25.9 20.8 31.2

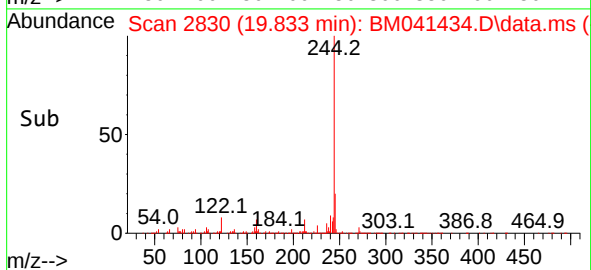
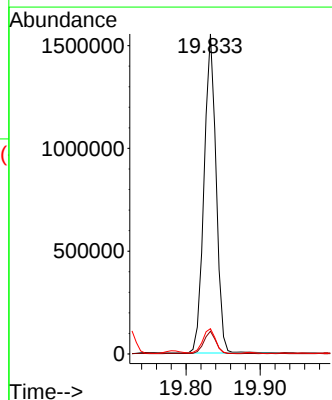
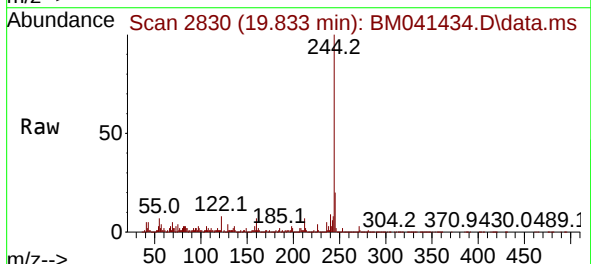
Manual Integrations
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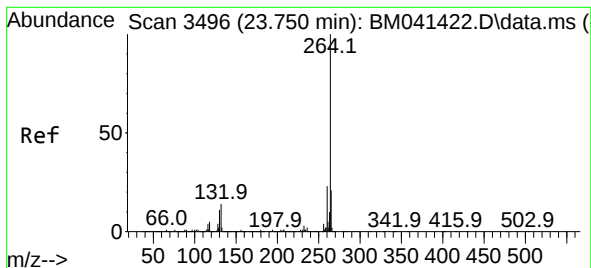
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#79
Terphenyl-d14
Concen: 59.290 ng
RT: 19.833 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BM041434.D
Acq: 17 Aug 2023 12:57

Tgt Ion:244 Resp: 1747550
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 7.9 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. 0.041 min

Lab File: BM041434.D

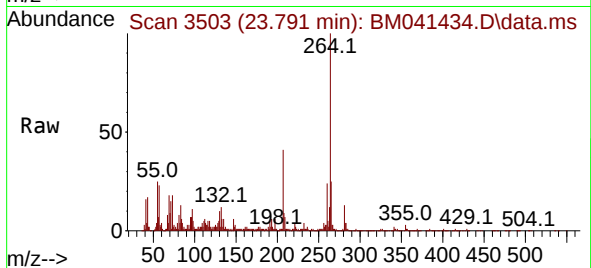
Acq: 17 Aug 2023 12:57

Instrument :

BNA_M

ClientSampleId :

EFF-WW



Tgt Ion:264 Resp: 59527

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 24.5 17.5 26.3

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2023

