

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041295.D
 Acq On : 04 Aug 2023 15:32
 Operator : MA/JU
 Sample : 03887-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 16:14:13 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	7.792	152	136001	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	559986	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	376565	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	926592	20.000	ng	0.00
76) Chrysene-d12	21.421	240	833859	20.000	ng	-0.01
86) Perylene-d12	23.797	264	809984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1069990	117.587	ng	0.00
7) Phenol-d6	6.975	99	1298838	110.115	ng	0.00
23) Nitrobenzene-d5	8.969	82	963740	80.035	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	786970	147.751	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2164065	72.597	ng	0.00
79) Terphenyl-d14	19.856	244	4596784	99.672	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	12753m	8.880	ng	Qvalue

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

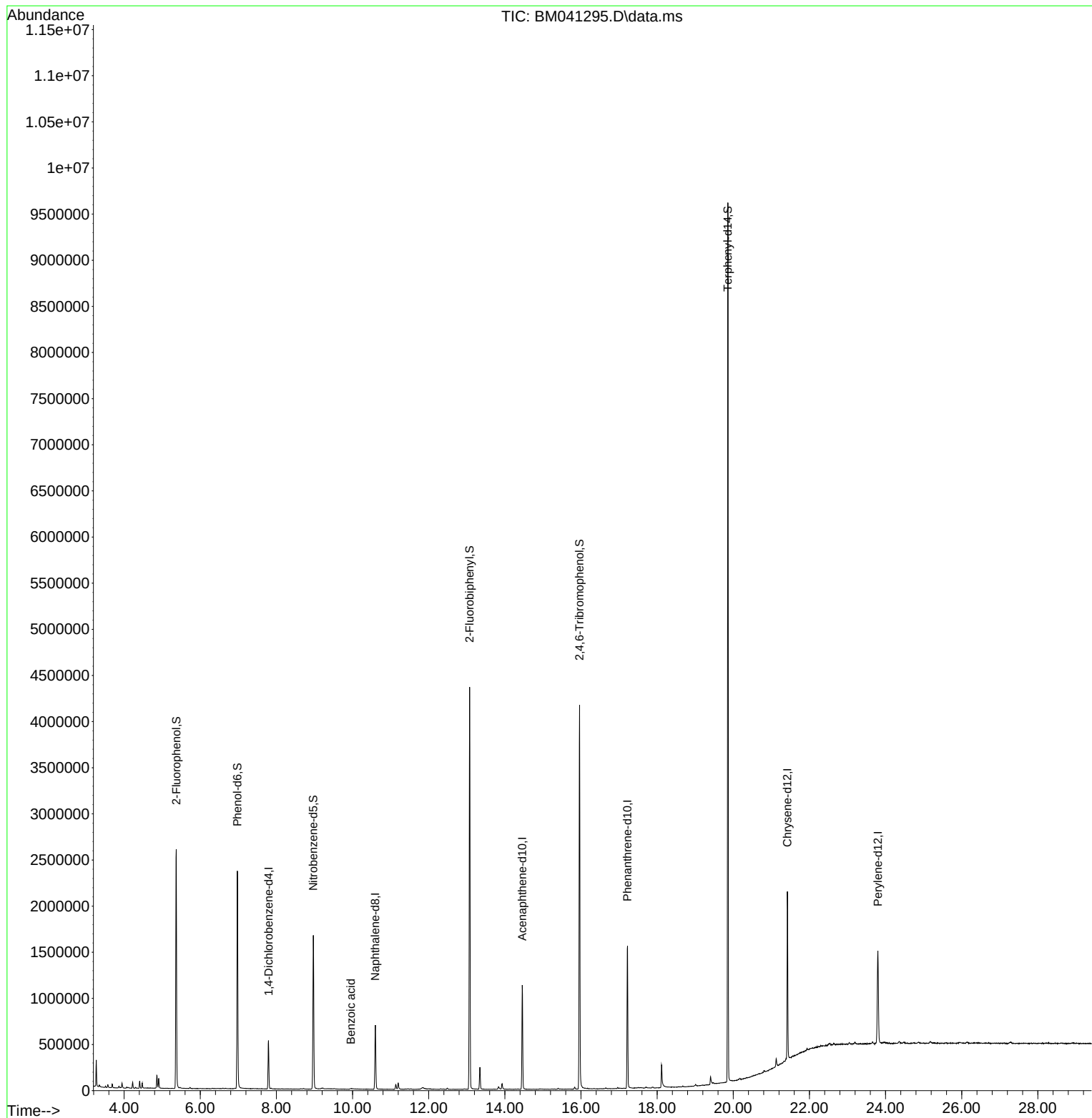
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041295.D
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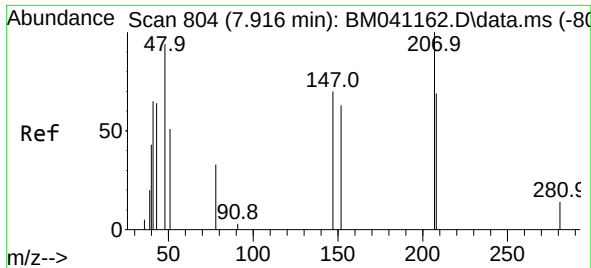
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Quant Time: Aug 04 16:14:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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QLast Update : Wed Aug 02 19:20:51 2023
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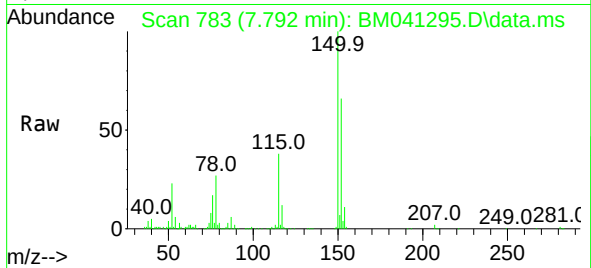
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

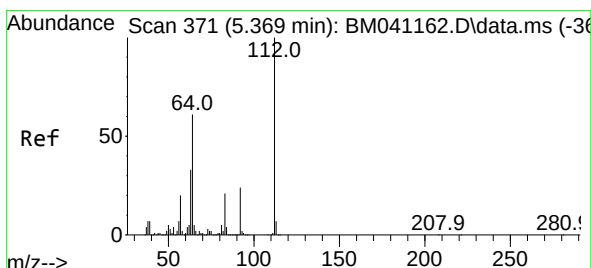
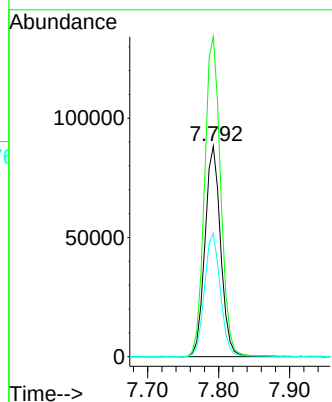
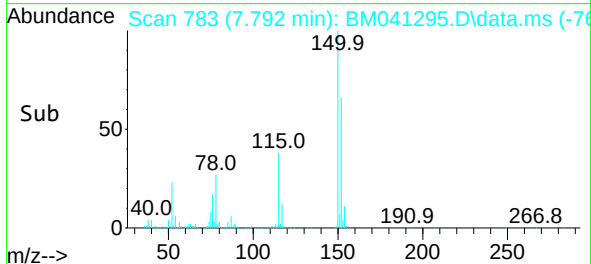
Instrument :
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Tgt Ion:152 Resp: 13600
Ion Ratio Lower Upper
152 100
150 152.0 125.5 188.3
115 58.5 48.0 72.0

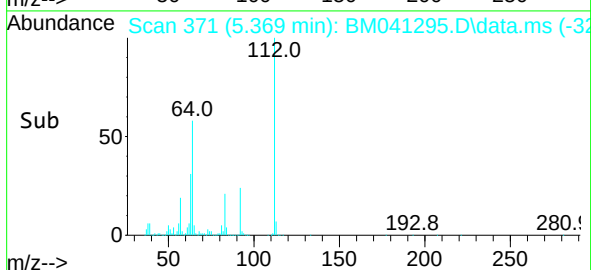
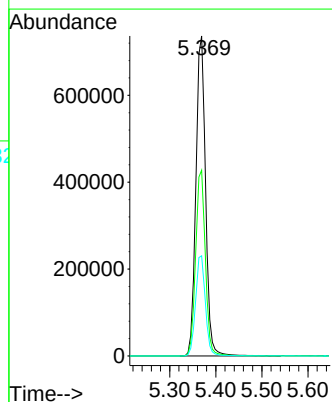
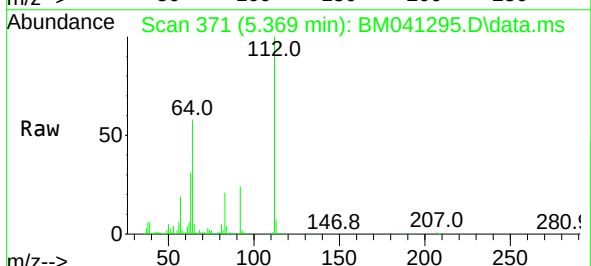
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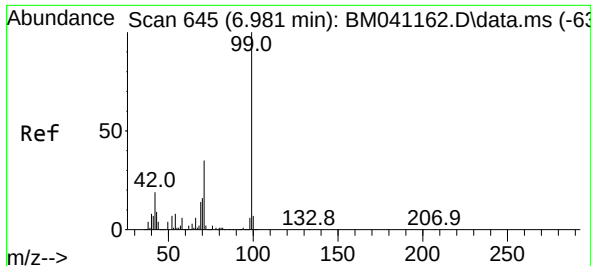
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#5
2-Fluorophenol
Concen: 117.587 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

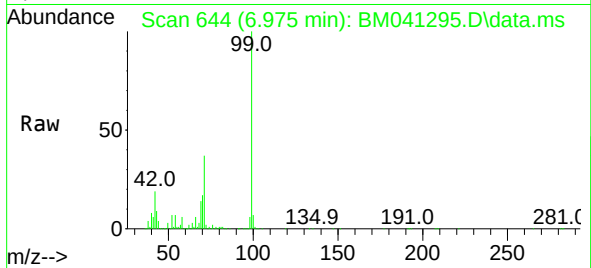
Tgt Ion:112 Resp: 1069990
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.3 26.5 39.7





#7
Phenol-d6
Concen: 110.115 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

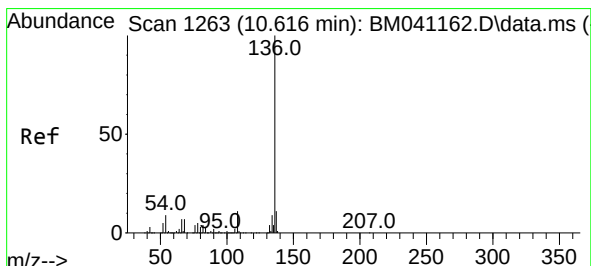
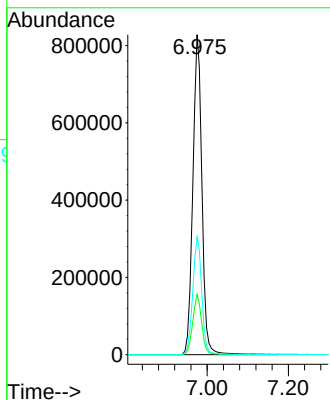
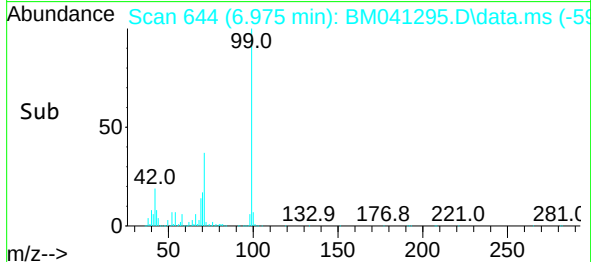
Instrument :
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ClientSampleId :
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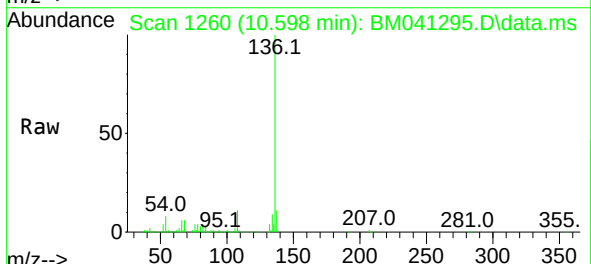
Tgt Ion: 99 Resp: 1298838
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 36.8 28.2 42.4

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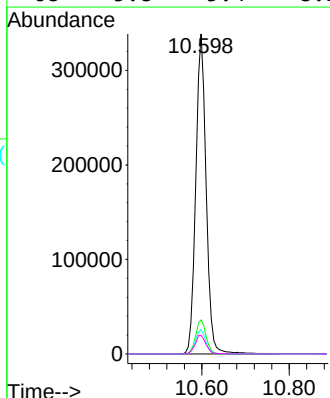
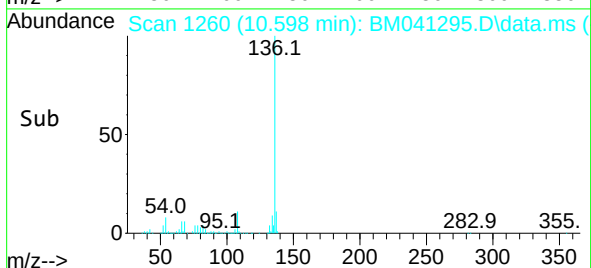
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

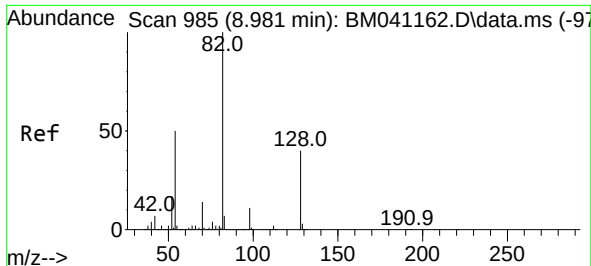


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32



Tgt Ion:136 Resp: 559986
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.9 10.3
68 5.8 5.4 8.2





#23
Nitrobenzene-d5
Concen: 80.035 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

Instrument :

BNA_M

ClientSampleId :

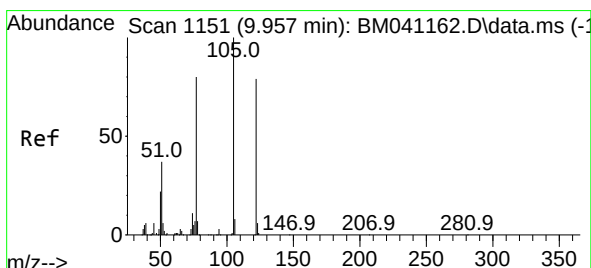
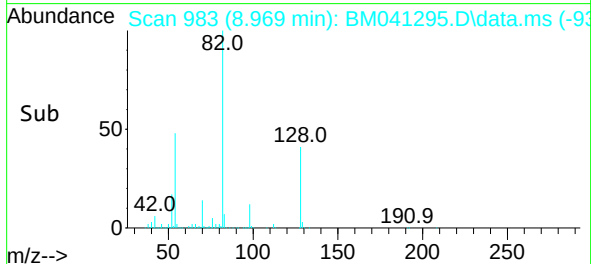
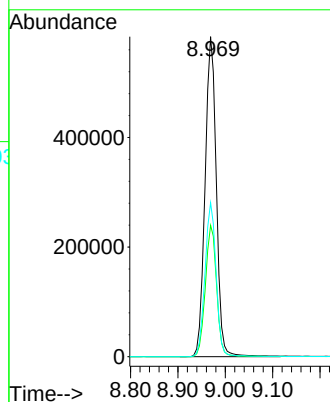
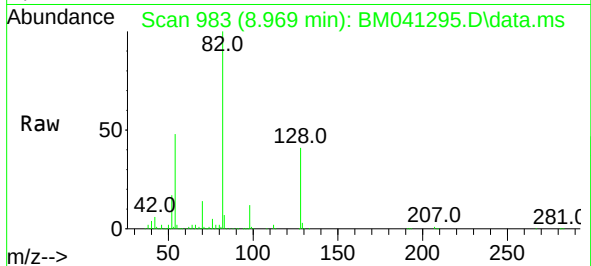
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Tgt Ion: 82 Resp: 963740
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 48.1 40.1 60.1

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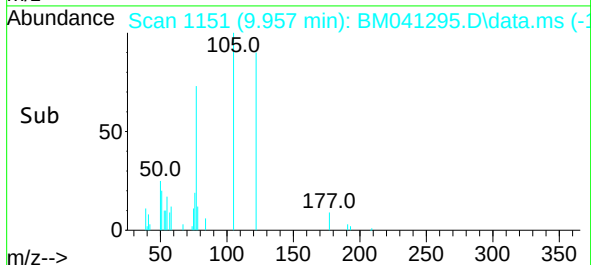
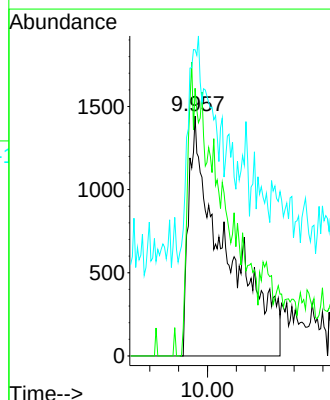
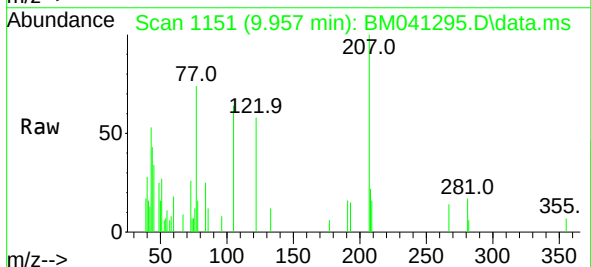
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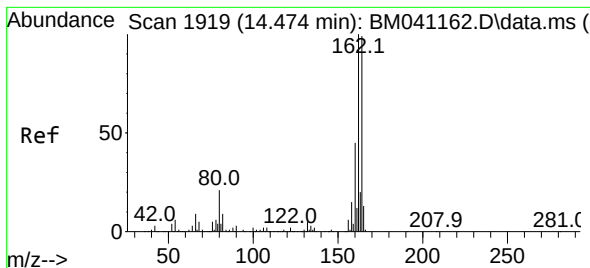
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 8.880 ng m
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

Tgt Ion:122 Resp: 12753
Ion Ratio Lower Upper
122 100
105 111.6 104.0 144.0
77 127.7 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BM041295.D

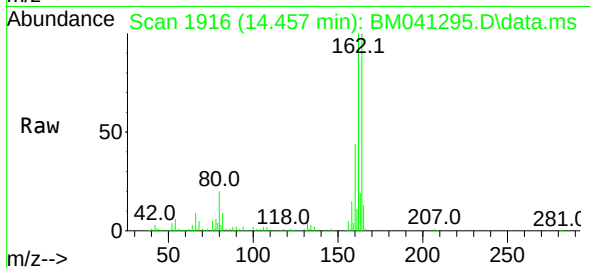
Acq: 04 Aug 2023 15:32

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:164 Resp: 37656

Ion Ratio Lower Upper

164 100

162 99.7 80.4 120.6

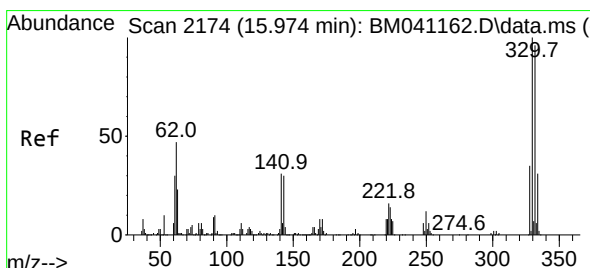
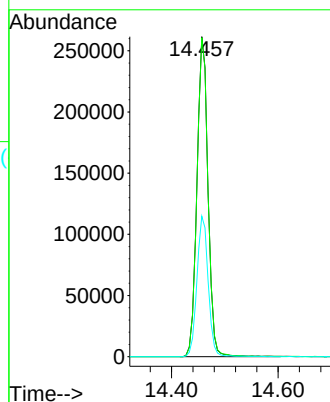
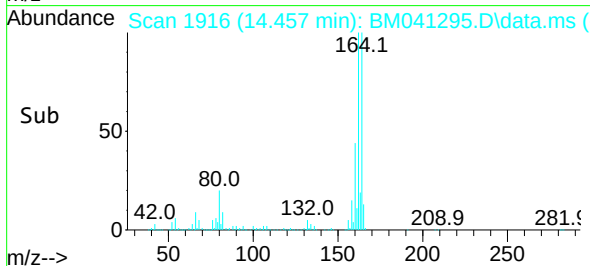
160 43.9 36.2 54.2

Manual Integrations

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Supervised By :mohammad ahmed 08/07/2023



#42

2,4,6-Tribromophenol

Concen: 147.751 ng

RT: 15.963 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041295.D

Acq: 04 Aug 2023 15:32

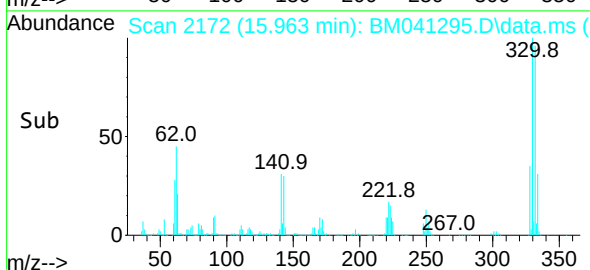
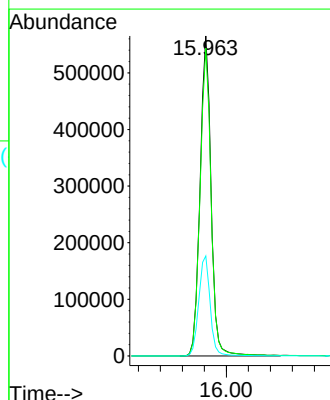
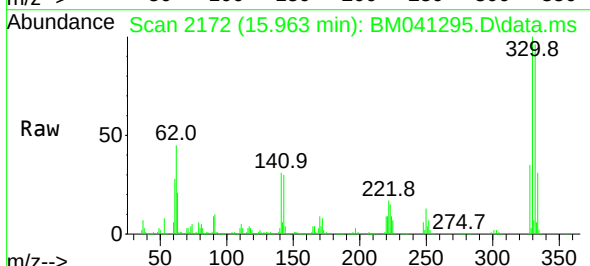
Tgt Ion:330 Resp: 786970

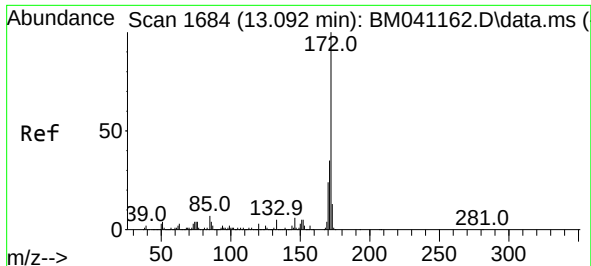
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

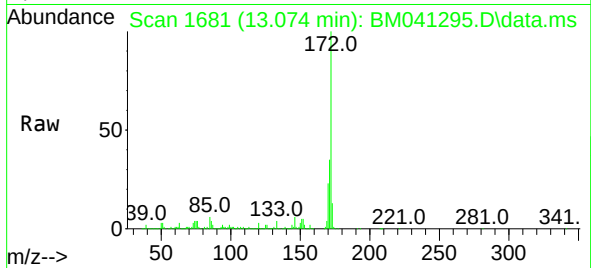
141 32.5 28.3 42.5





#45
2-Fluorobiphenyl
Concen: 72.597 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

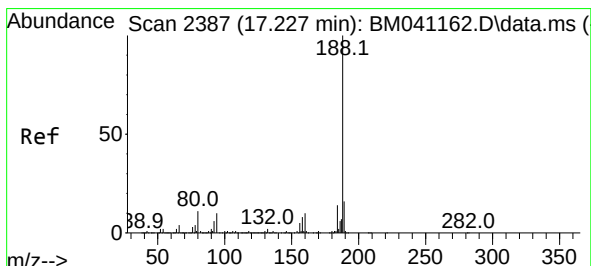
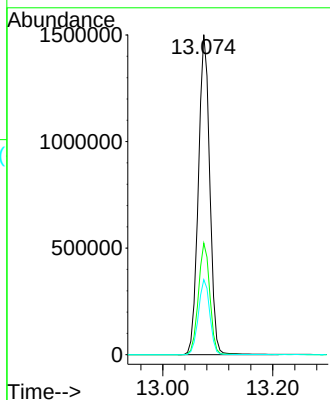
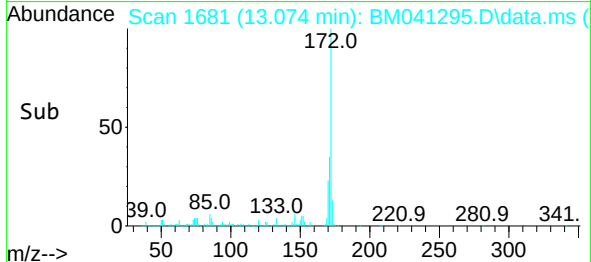
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP7



Tgt Ion:172 Resp: 216406
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.5 18.9 28.3

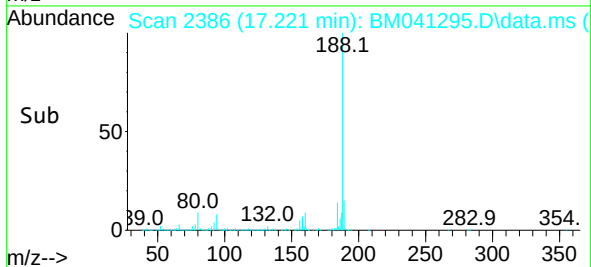
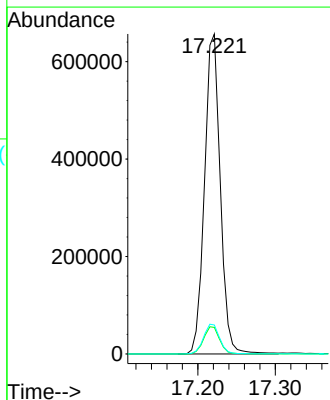
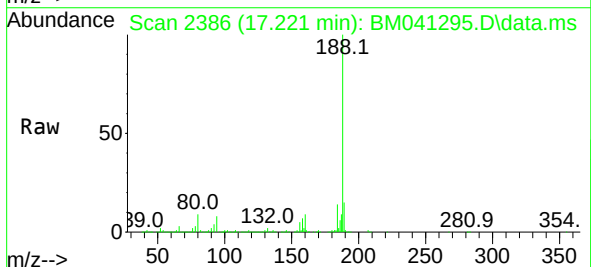
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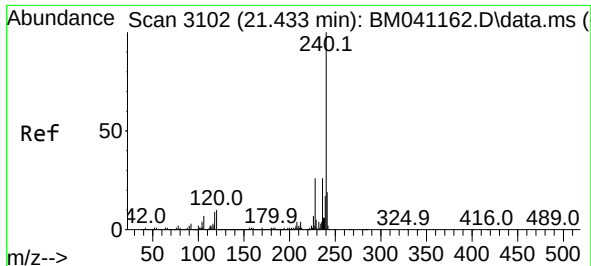
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

Tgt Ion:188 Resp: 926592
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.1 8.6 13.0





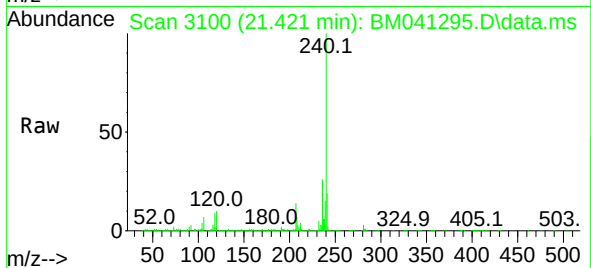
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP7



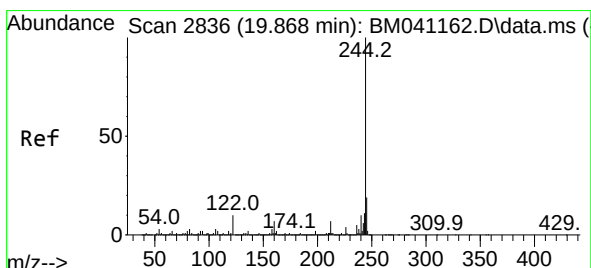
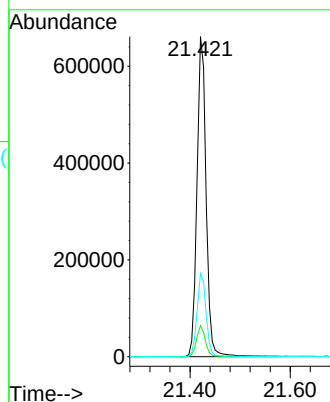
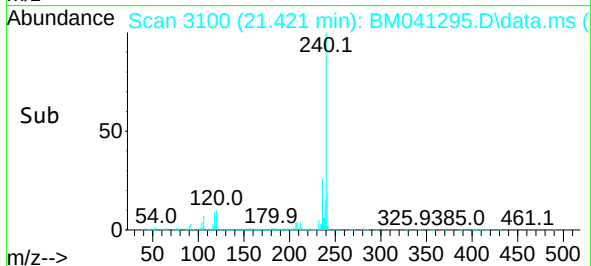
Tgt Ion:240 Resp: 833859
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.1 20.6 30.8

Manual Integrations

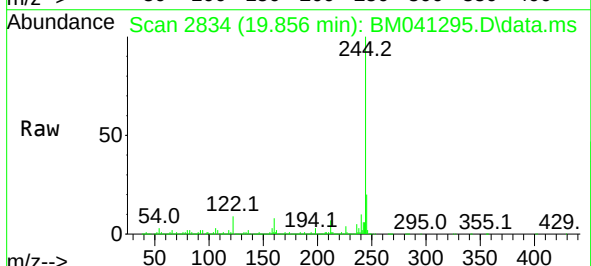
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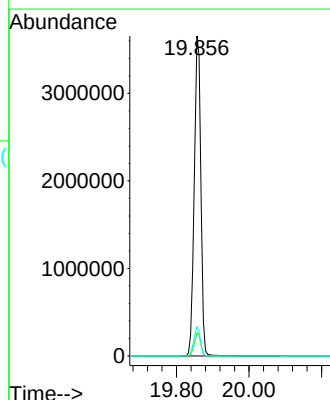
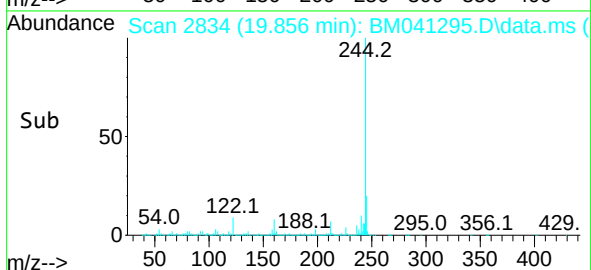
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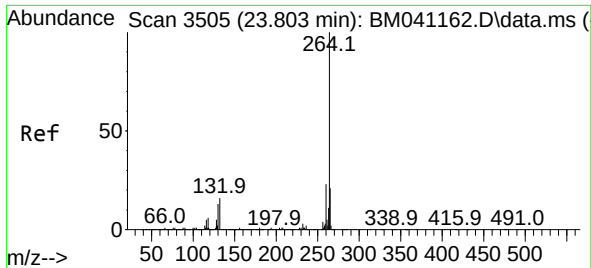


#79
Terphenyl-d14
Concen: 99.672 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041295.D
Acq: 04 Aug 2023 15:32



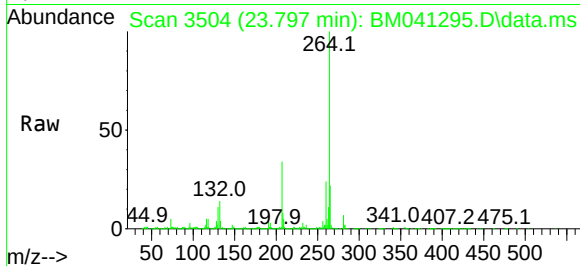
Tgt Ion:244 Resp: 4596784
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.2 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041295.D
 Acq: 04 Aug 2023 15:32

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Tgt Ion:264 Resp: 809984
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 21.7 17.4 26.0

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