

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041296.D
 Acq On : 04 Aug 2023 16:09
 Operator : MA/JU
 Sample : 03887-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP4

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 17:49:25 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	102399	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	427073	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	300879	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	822959	20.000	ng	0.00
76) Chrysene-d12	21.421	240	849395	20.000	ng	-0.01
86) Perylene-d12	23.797	264	833944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	786322	114.769	ng	0.00
7) Phenol-d6	6.975	99	981654	110.535	ng	0.00
23) Nitrobenzene-d5	8.969	82	716286	77.997	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	672219	157.955	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1692200	71.047	ng	0.00
79) Terphenyl-d14	19.856	244	4387943	93.403	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	9193m	8.786	ng	Qvalue

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

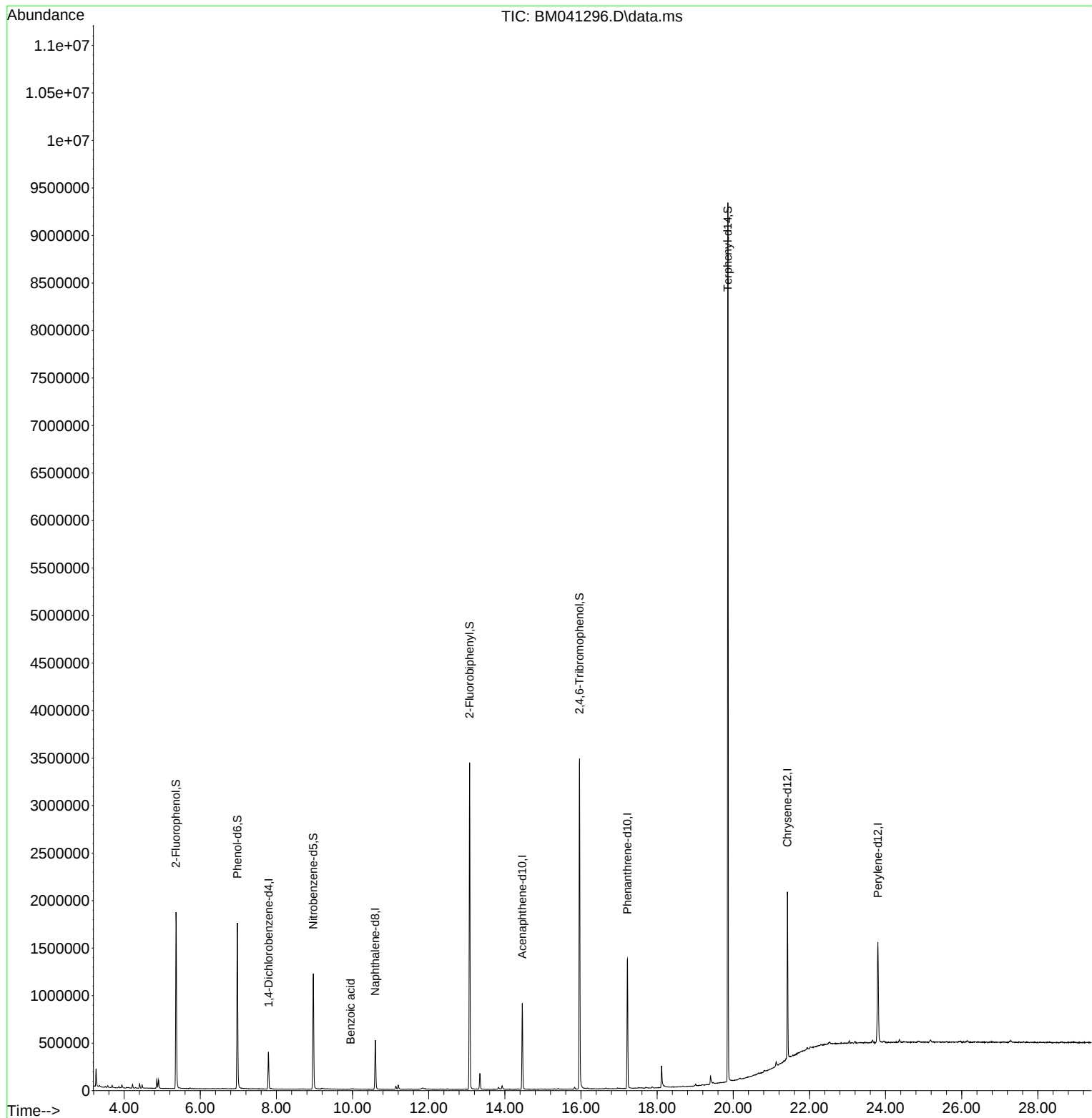
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
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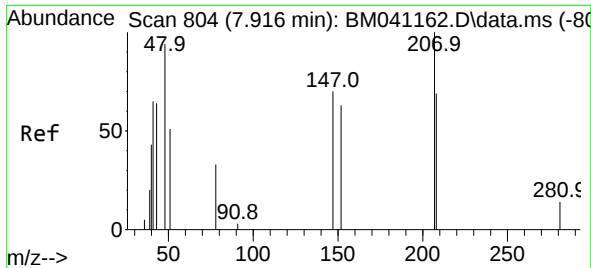
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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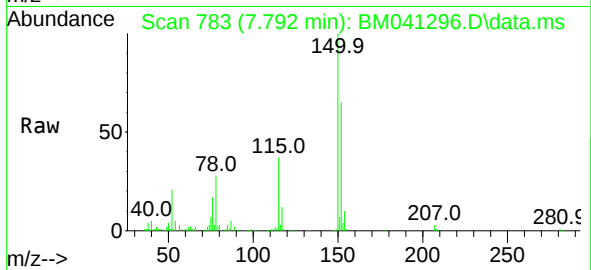
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

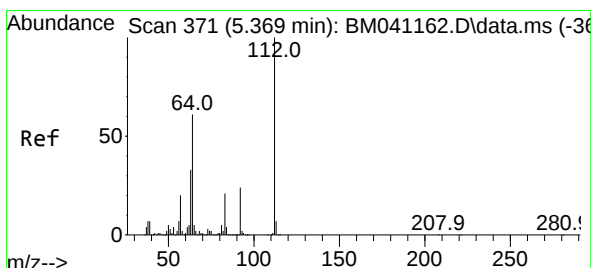
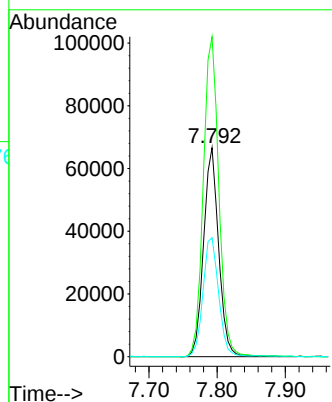
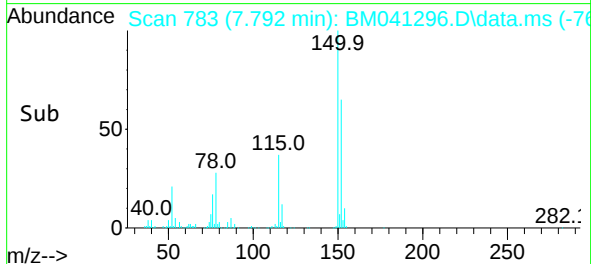
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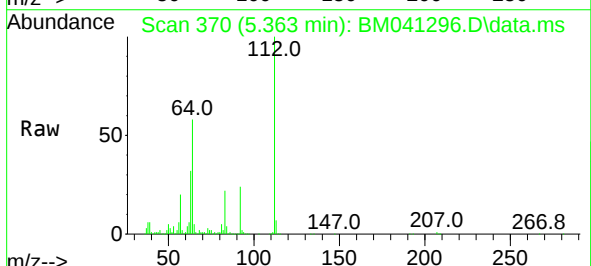
Tgt Ion:152 Resp: 102395
Ion Ratio Lower Upper
152 100
150 153.1 125.5 188.3
115 57.0 48.0 72.0

Manual Integrations
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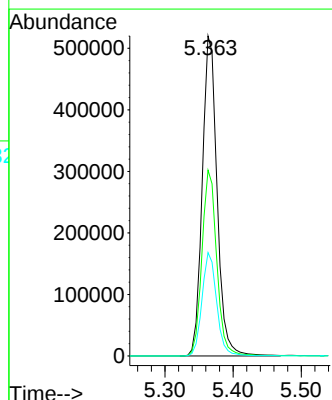
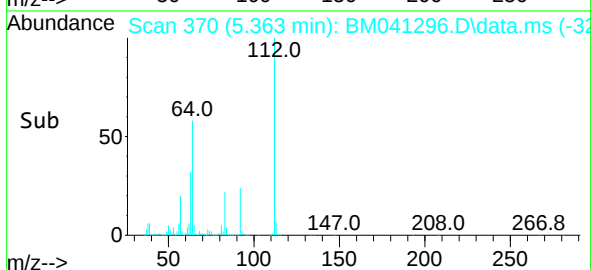
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Supervised By :mohammad ahmed 08/07/2023

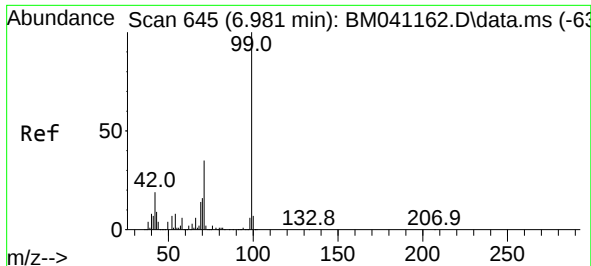


#5
2-Fluorophenol
Concen: 114.769 ng
RT: 5.363 min Scan# 370
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09



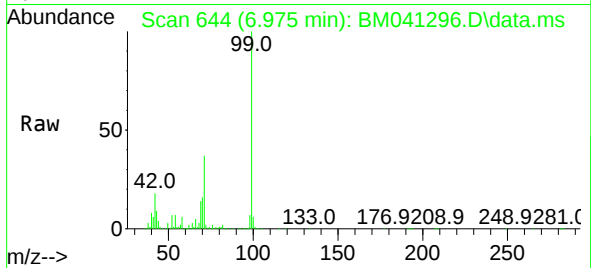
Tgt Ion:112 Resp: 786322
Ion Ratio Lower Upper
112 100
64 58.0 48.5 72.7
63 32.3 26.5 39.7





#7
Phenol-d6
Concen: 110.535 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

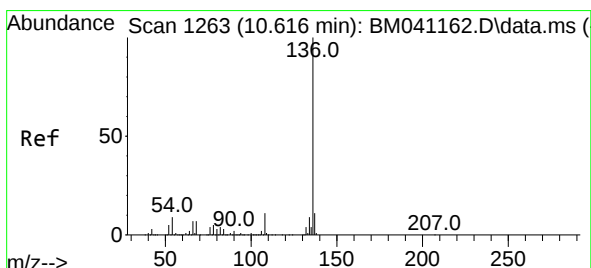
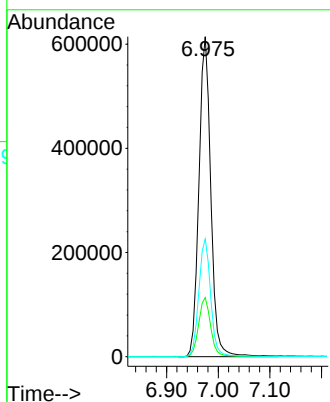
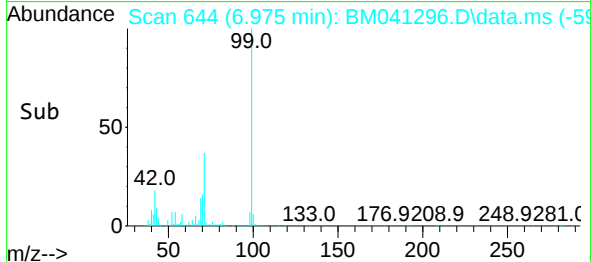
Instrument :
BNA_M
ClientSampleId :
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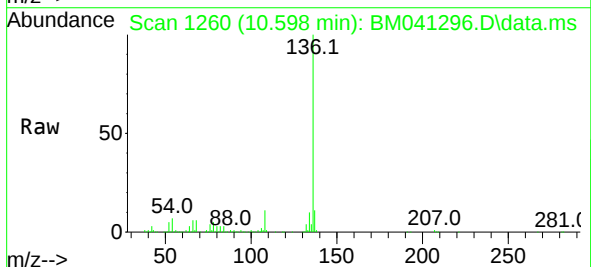
Tgt Ion: 99 Resp: 981654
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.8 28.2 42.4

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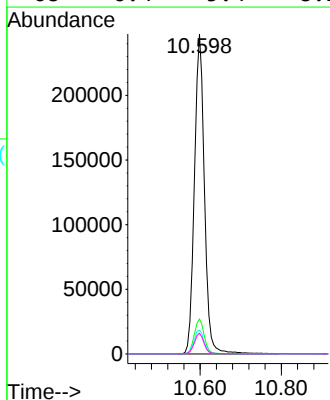
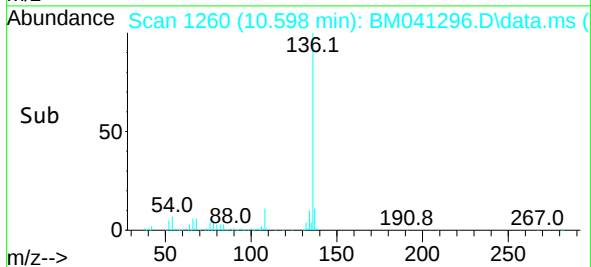
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

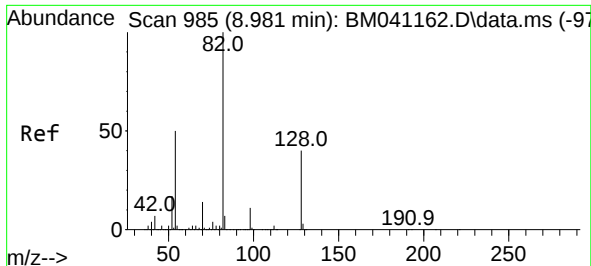


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09



Tgt Ion:136 Resp: 427073
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.9 10.3
68 6.4 5.4 8.2





#23
Nitrobenzene-d5
Concen: 77.997 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

Instrument :

BNA_M

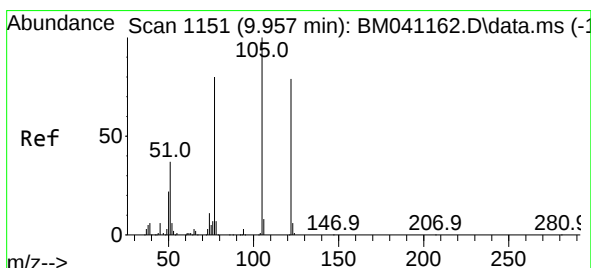
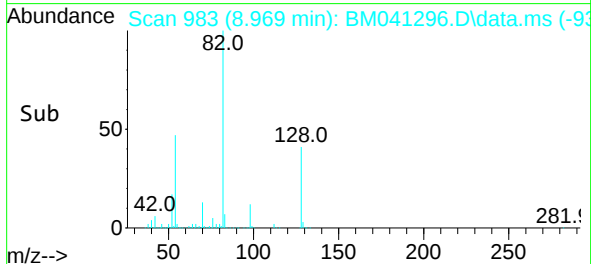
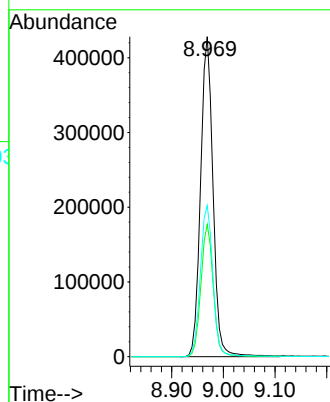
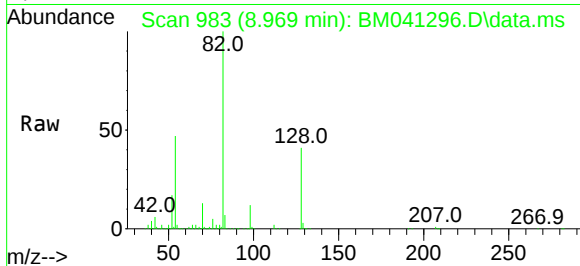
ClientSampleId :

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Tgt Ion: 82 Resp: 716280
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 47.2 40.1 60.1

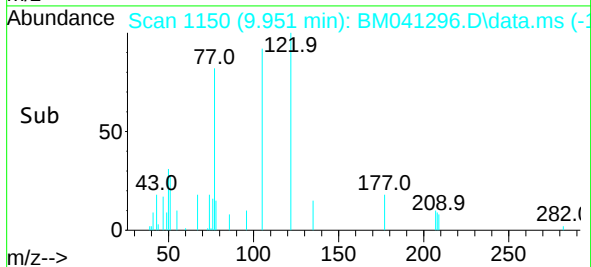
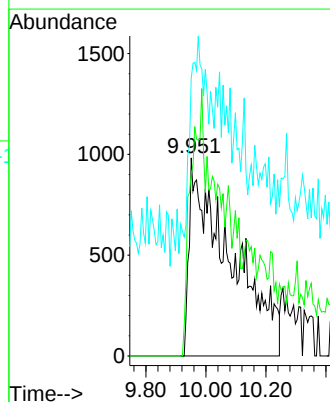
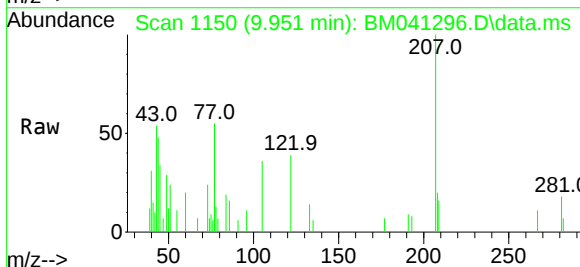
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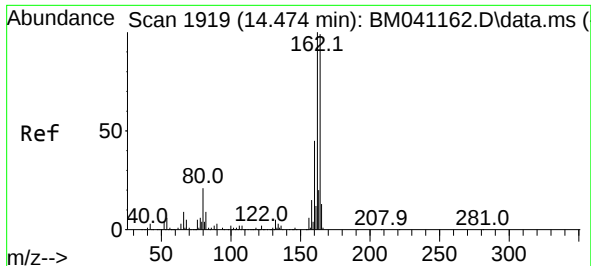
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 8.786 ng m
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

Tgt Ion:122 Resp: 9193
Ion Ratio Lower Upper
122 100
105 92.2 104.0 144.0#
77 140.3 79.9 119.9#





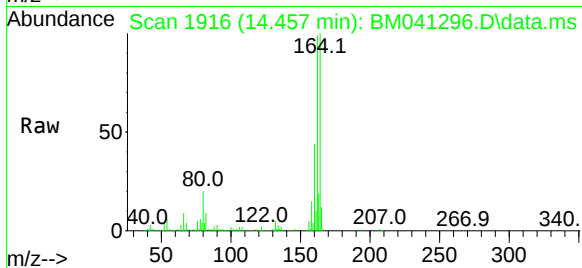
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP4

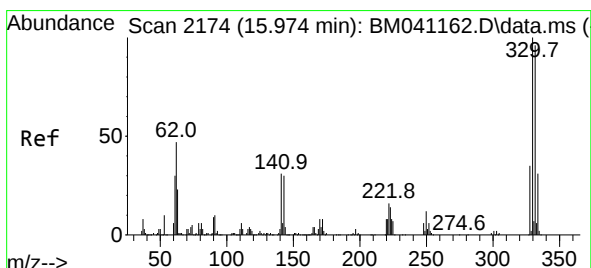
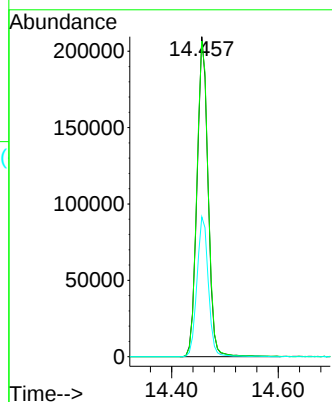
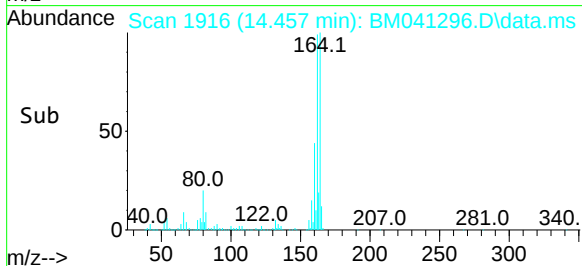


Tgt Ion:164 Resp: 300879
Ion Ratio Lower Upper
164 100
162 98.7 80.4 120.6
160 43.7 36.2 54.2

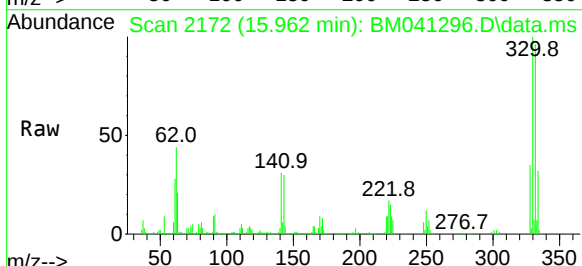
Manual Integrations

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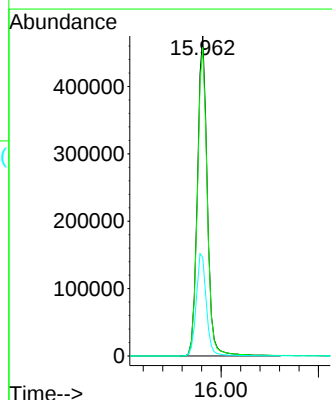
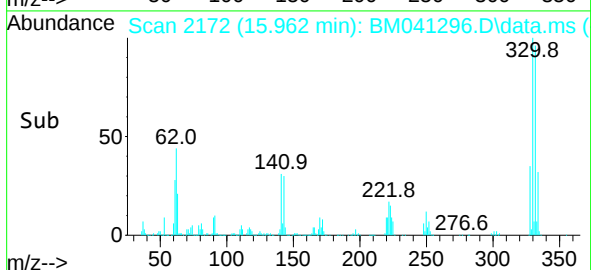
Reviewed By :Yogesh Patel 08/07/2023
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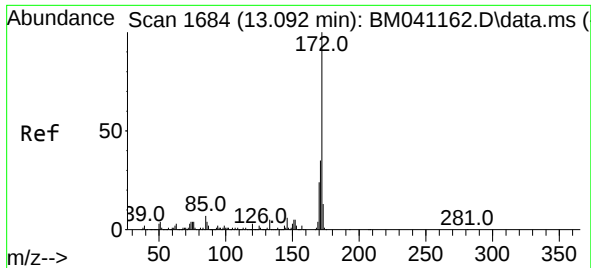


#42
2,4,6-Tribromophenol
Concen: 157.955 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09



Tgt Ion:330 Resp: 672219
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 32.8 28.3 42.5





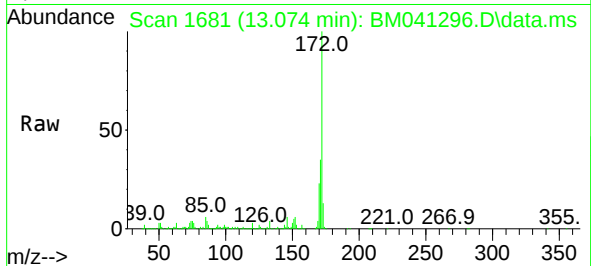
#45
2-Fluorobiphenyl
Concen: 71.047 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

Instrument :

BNA_M

ClientSampleId :

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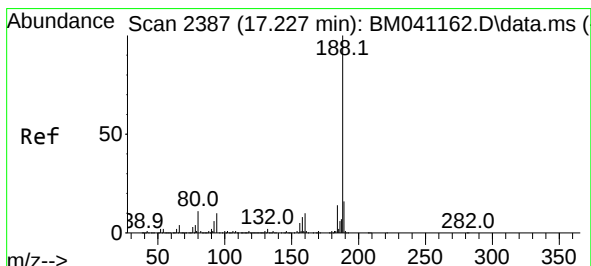
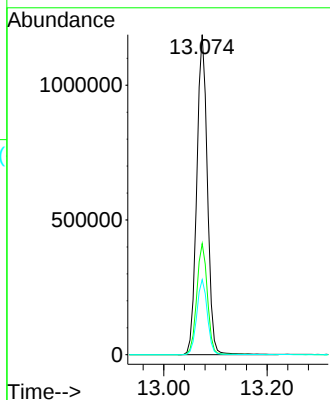
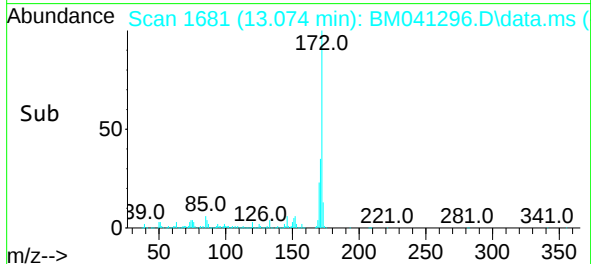
Tgt Ion:172 Resp: 1692200
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3

Manual Integrations

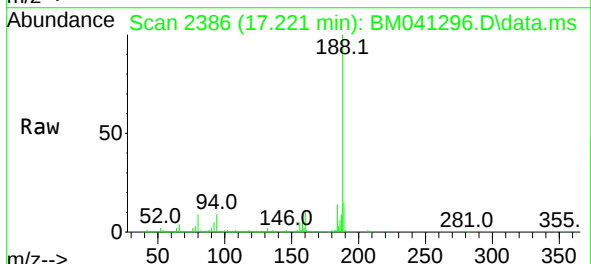
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Reviewed By :Yogesh Patel 08/07/2023

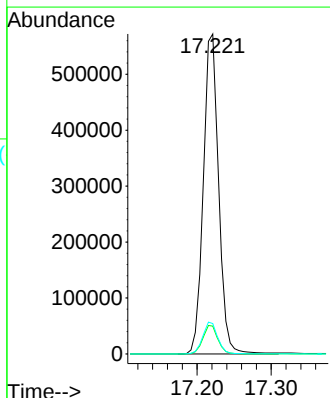
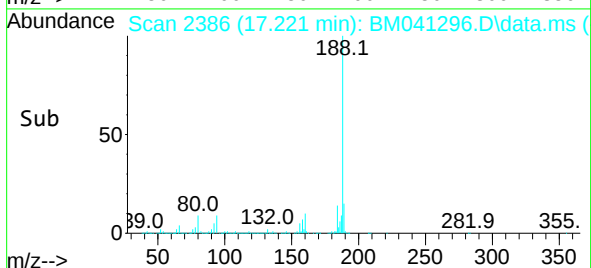
Supervised By :mohammad ahmed 08/07/2023

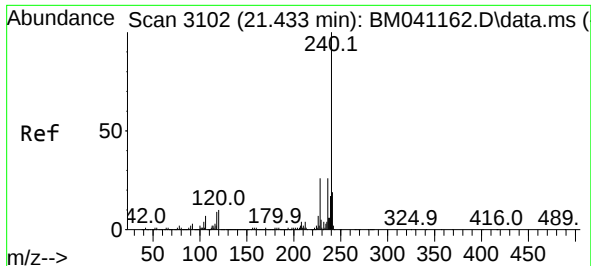


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09



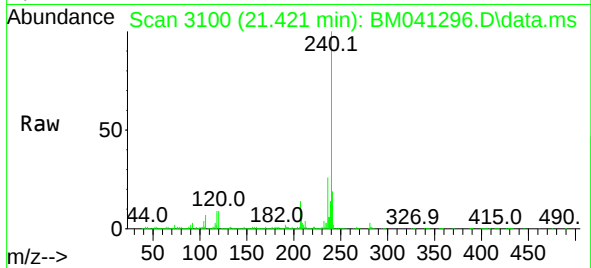
Tgt Ion:188 Resp: 822959
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.5 8.6 13.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

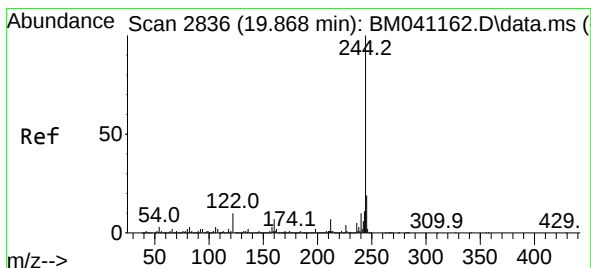
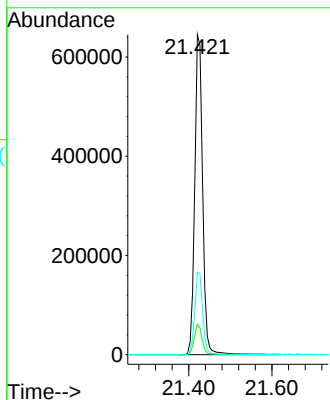
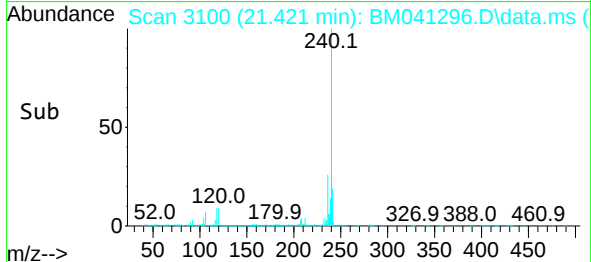
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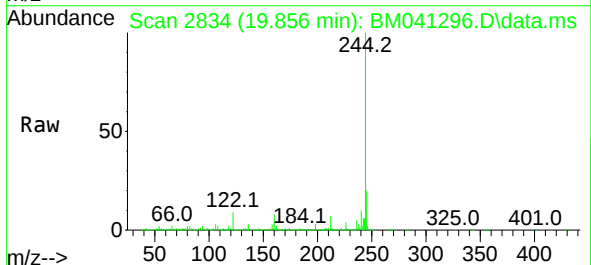
Tgt Ion:240 Resp: 849395
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 25.8 20.6 30.8

Manual Integrations
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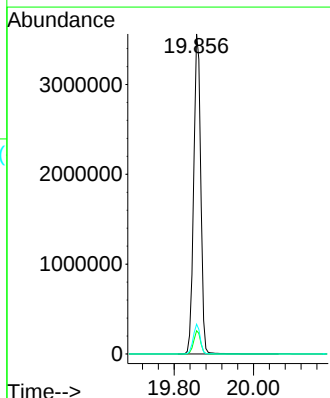
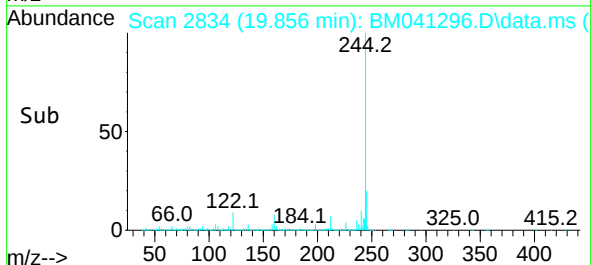
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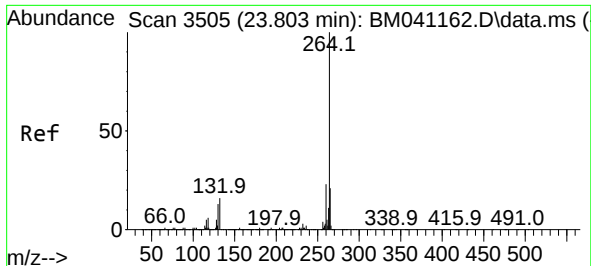


#79
Terphenyl-d14
Concen: 93.403 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09



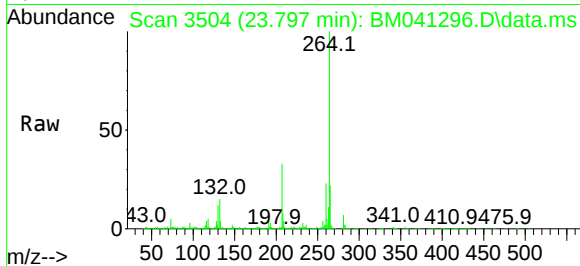
Tgt Ion:244 Resp: 4387943
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Instrument :
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Tgt Ion:264 Resp: 833944
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.8 17.4 26.0

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