

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034382.D
 Acq On : 25 Mar 2022 13:23
 Operator : CG/JU
 Sample : N2057-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-7-BOTTOM

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 05:38:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	150814	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	594598	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	357638	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	681015	20.000	ng	# 0.00
76) Chrysene-d12	21.500	240	677320	20.000	ng	# 0.00
86) Perylene-d12	23.930	264	752939	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	300773	35.778	ng	0.00
7) Phenol-d6	7.101	99	250707	20.829	ng	0.00
23) Nitrobenzene-d5	9.101	82	568462	46.547	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	163542	33.926	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	811417	31.003	ng	0.00
79) Terphenyl-d14	19.942	244	876874	22.495	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.630	142	68690	3.177	ng	# 97
58) Fluorene	15.630	166	68524	2.577	ng	# 90
71) Phenanthrene	17.365	178	152667m	4.003	ng	
78) Pyrene	19.742	202	96737	2.027	ng	# 75
83) Chrysene	21.518	228	103675m	2.375	ng	

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

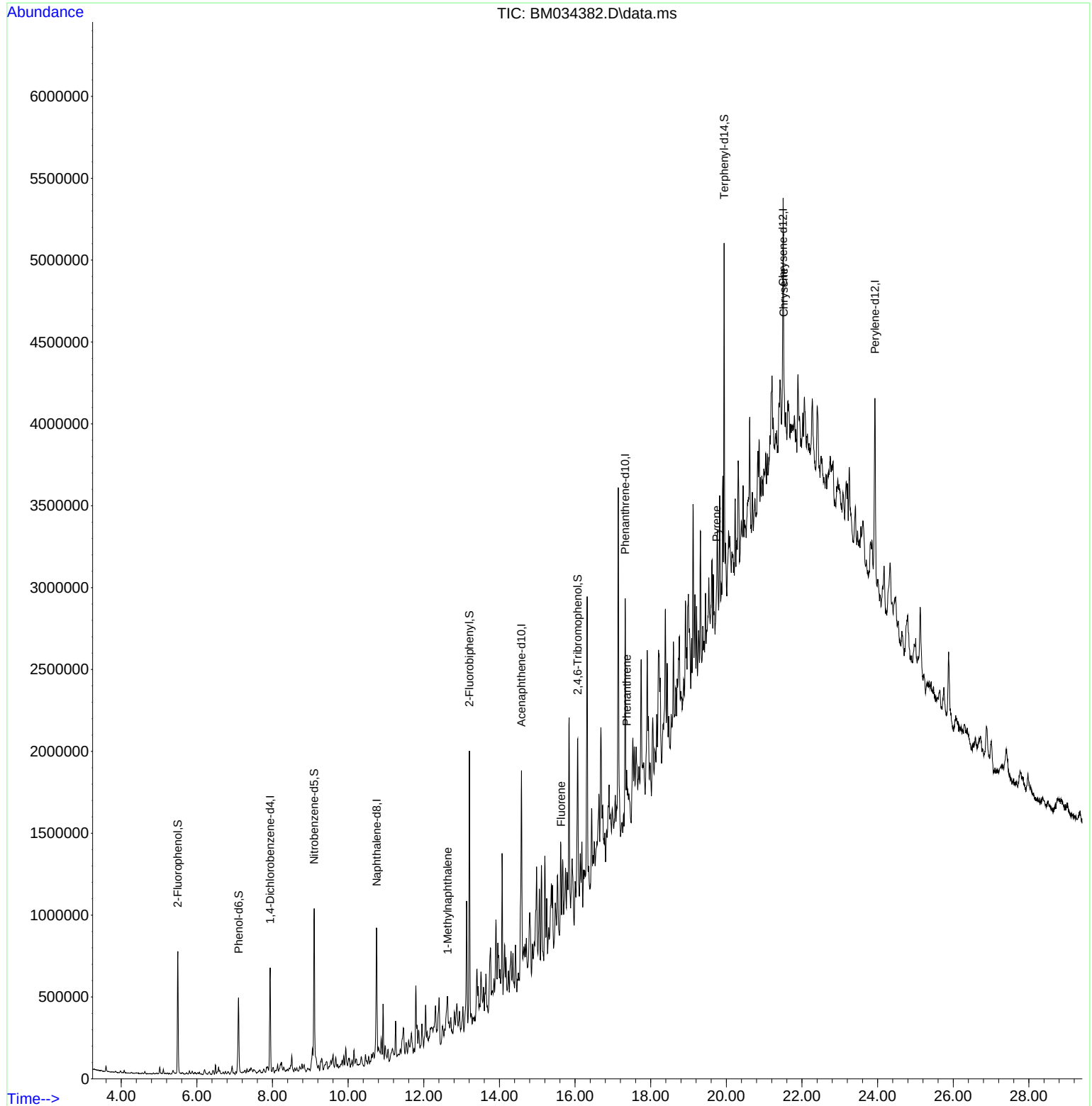
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
Data File : BM034382.D
Acq On : 25 Mar 2022 13:23
Operator : CG/JU
Sample : N2057-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

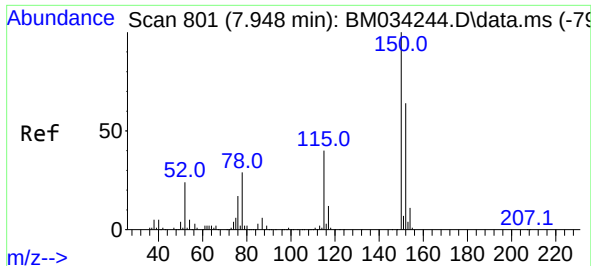
Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Quant Time: Mar 26 05:38:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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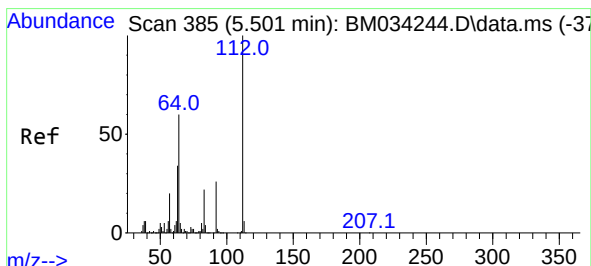
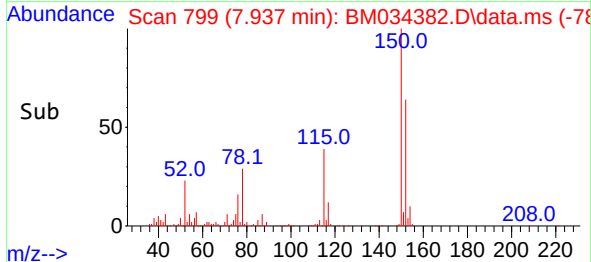
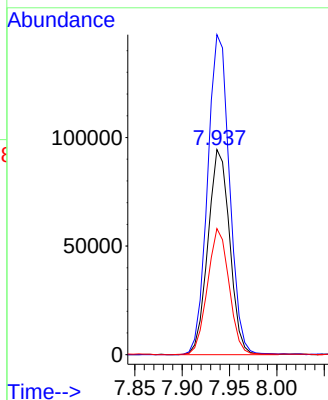
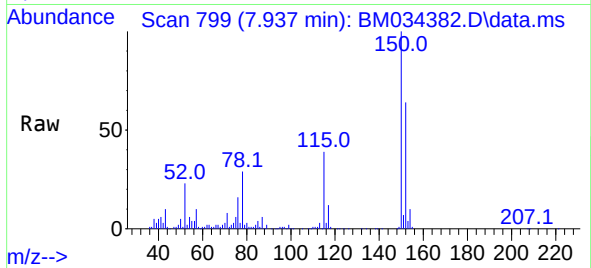
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 150814
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 61.5 50.1 75.1

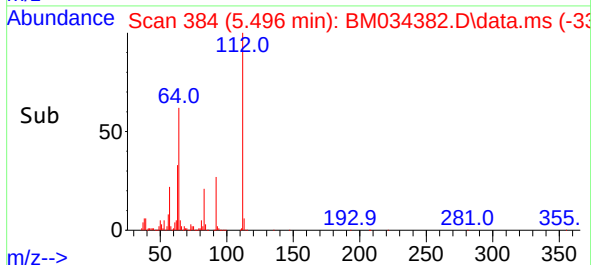
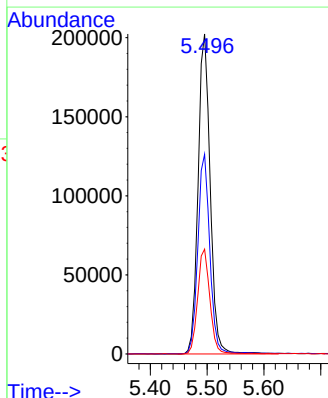
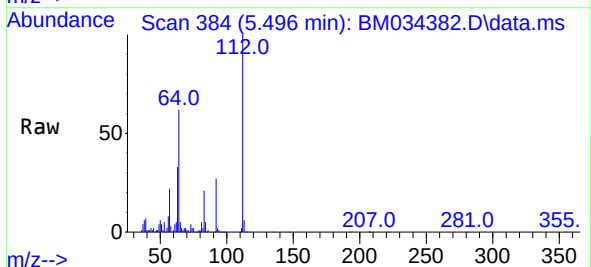
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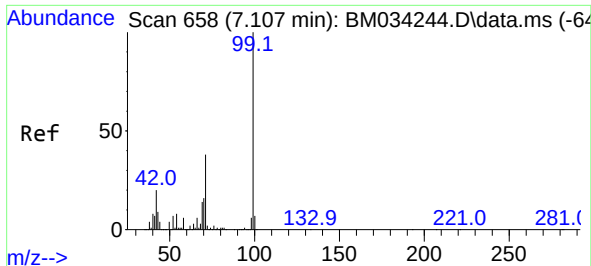
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#5
2-Fluorophenol
Concen: 35.778 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

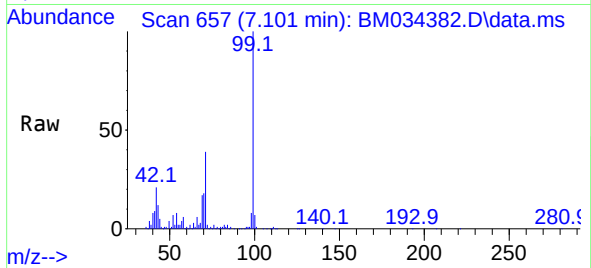
Tgt Ion:112 Resp: 300773
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 32.8 27.1 40.7





#7
Phenol-d6
Concen: 20.829 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

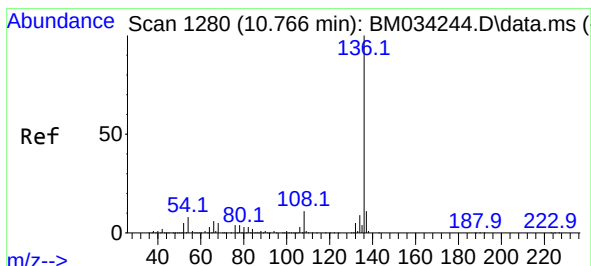
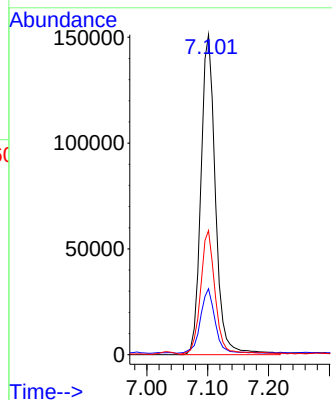
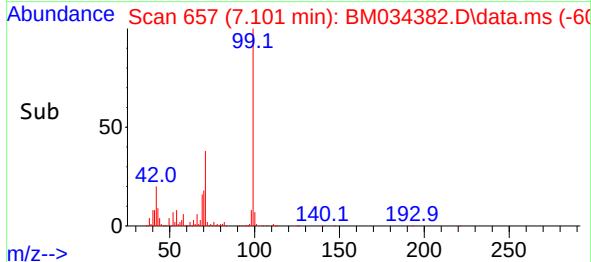
Instrument :
BNA_M
ClientSampleId :
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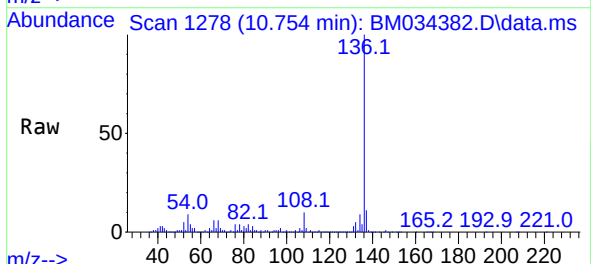
Tgt Ion: 99 Resp: 25070
Ion Ratio Lower Upper
99 100
42 20.6 15.6 23.4
71 38.8 30.6 46.0

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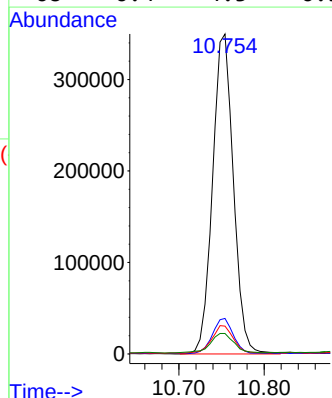
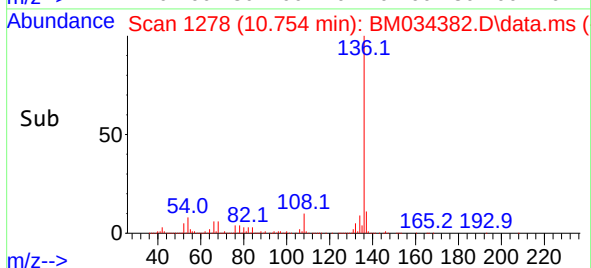
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

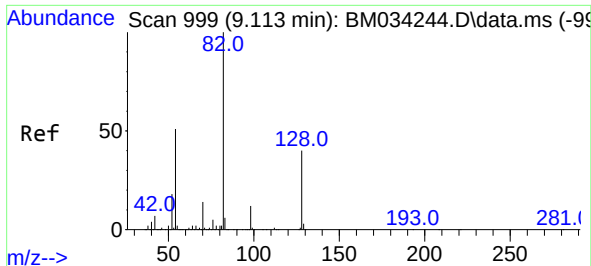


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23



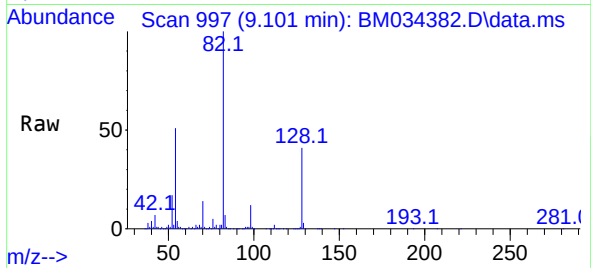
Tgt Ion:136 Resp: 594598
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 6.2 9.4
68 6.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 46.547 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

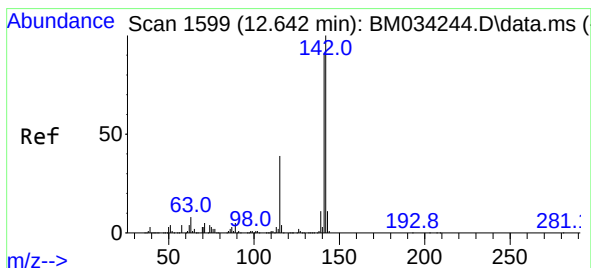
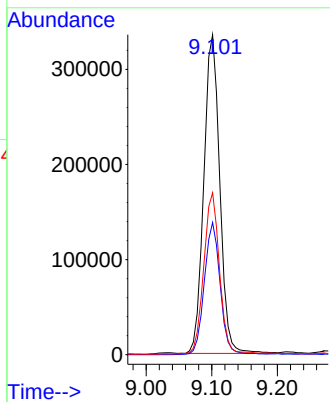
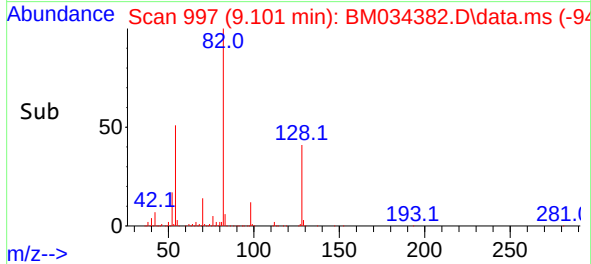
Instrument :
BNA_M
ClientSampleId :
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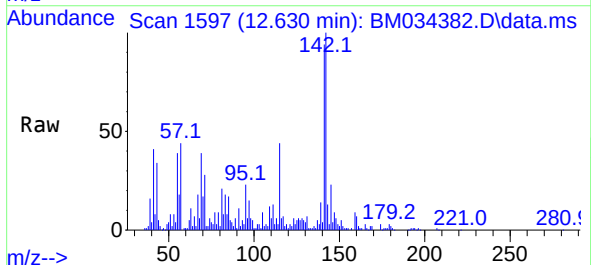
Tgt Ion: 82 Resp: 568462
Ion Ratio Lower Upper
82 100
128 41.3 31.9 47.9
54 50.6 40.6 61.0

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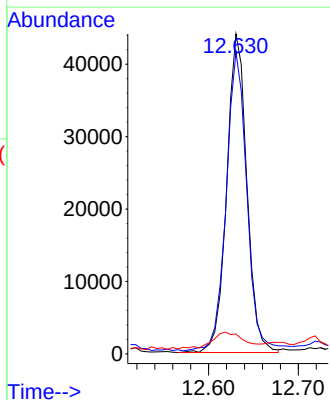
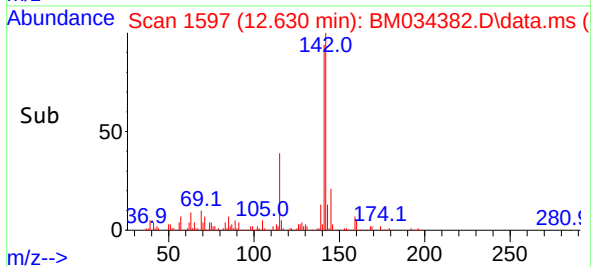
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

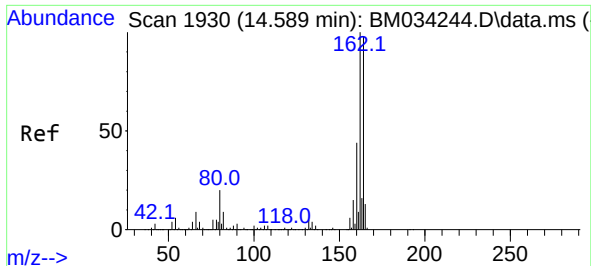


#38
1-Methylnaphthalene
Concen: 3.177 ng
RT: 12.630 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23



Tgt Ion:142 Resp: 68690
Ion Ratio Lower Upper
142 100
141 94.3 73.0 109.6
116 6.2 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BM034382.D

Acq: 25 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

UST-7-BOTTOM

Tgt Ion:164 Resp: 357638

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

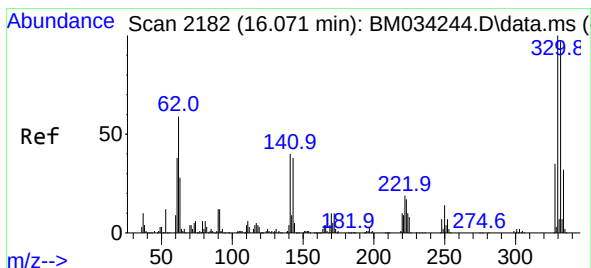
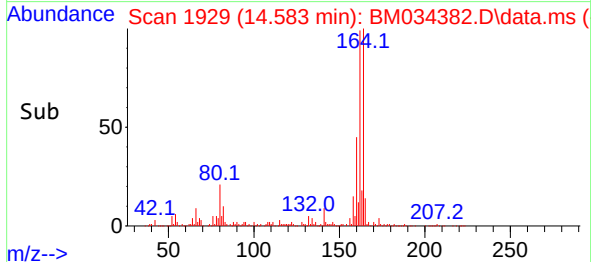
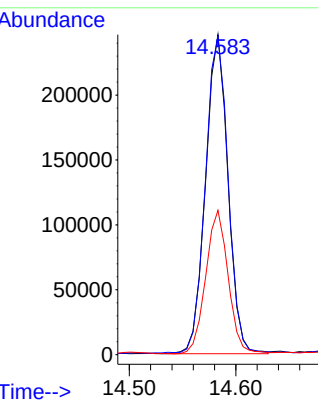
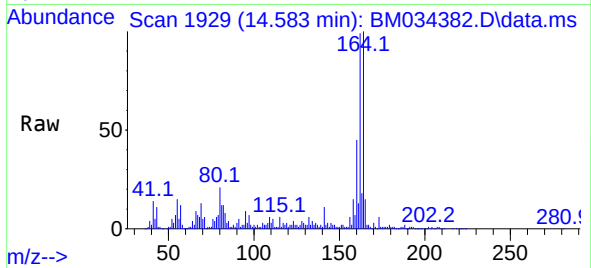
160 45.1 35.6 53.4

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 33.926 ng

RT: 16.071 min Scan# 2182

Delta R.T. 0.006 min

Lab File: BM034382.D

Acq: 25 Mar 2022 13:23

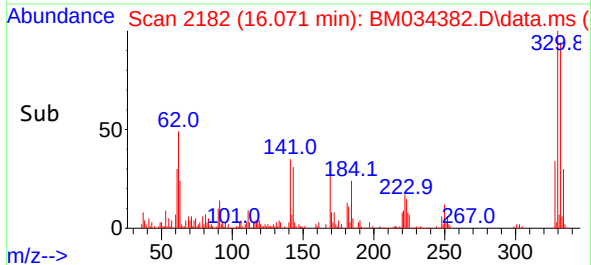
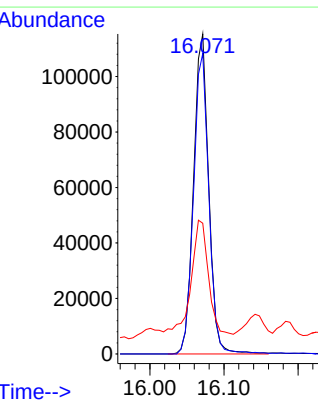
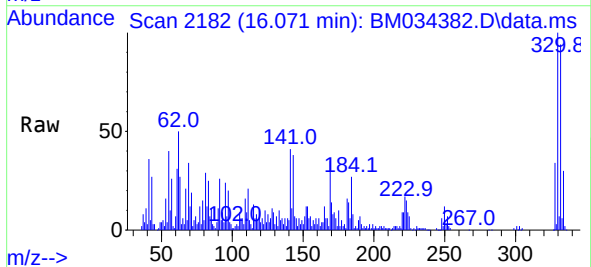
Tgt Ion:330 Resp: 163542

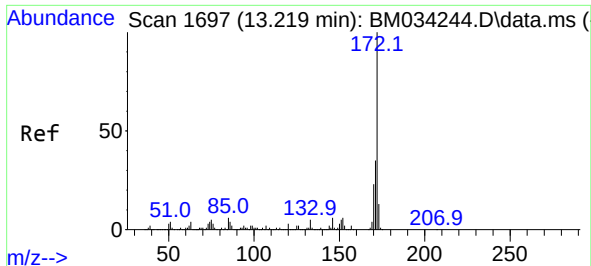
Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

141 40.2 30.6 45.8





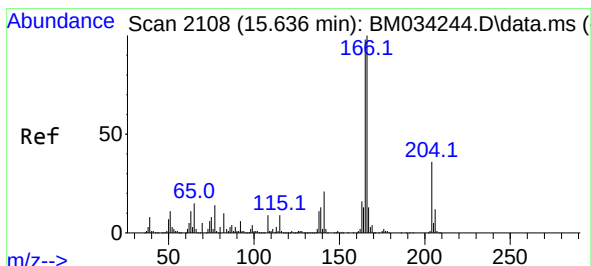
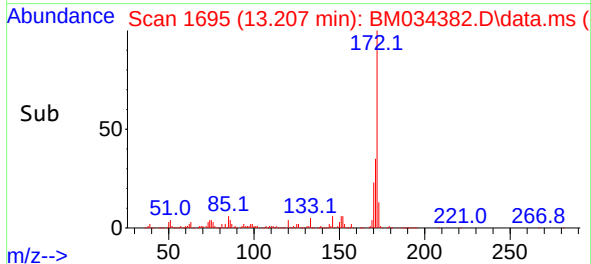
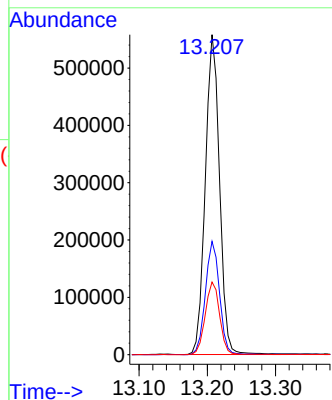
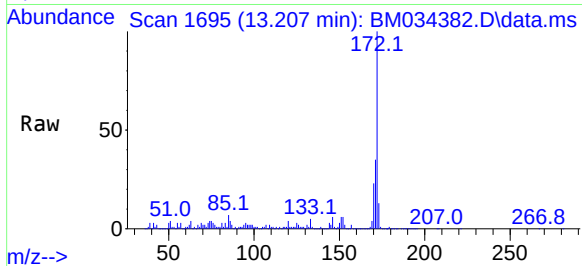
#45
2-Fluorobiphenyl
Concen: 31.003 ng
RT: 13.207 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Tgt Ion:172 Resp: 81141
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.7 18.6 28.0

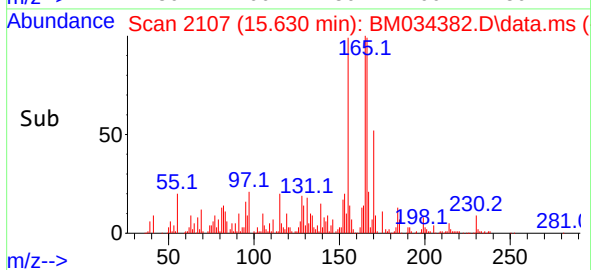
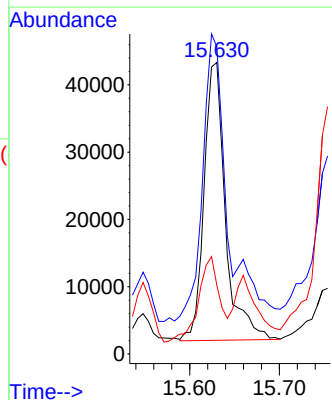
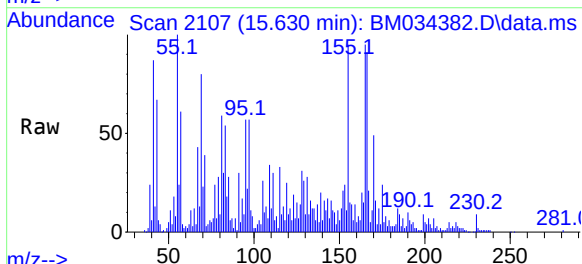
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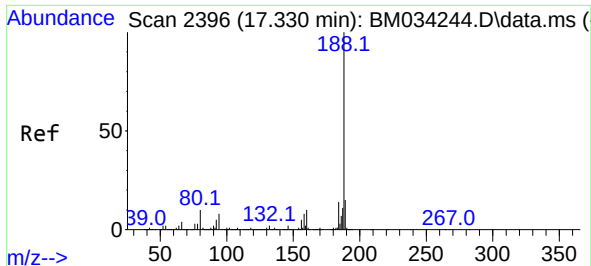
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#58
Fluorene
Concen: 2.577 ng
RT: 15.630 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

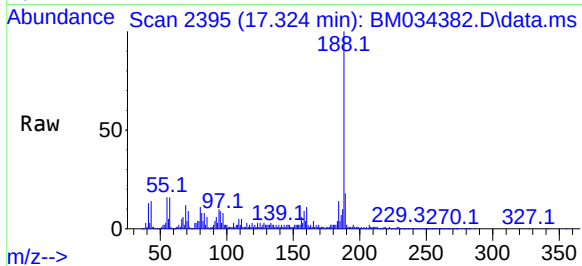
Tgt Ion:166 Resp: 68524
Ion Ratio Lower Upper
166 100
165 105.3 78.0 117.0
167 23.6 10.5 15.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

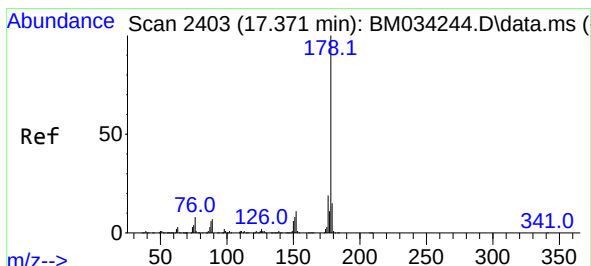
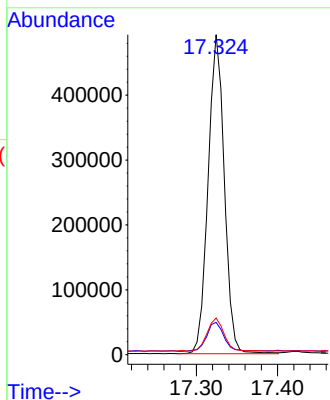
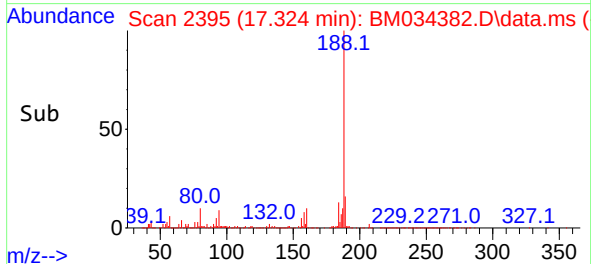
Instrument :
BNA_M
ClientSampleId :
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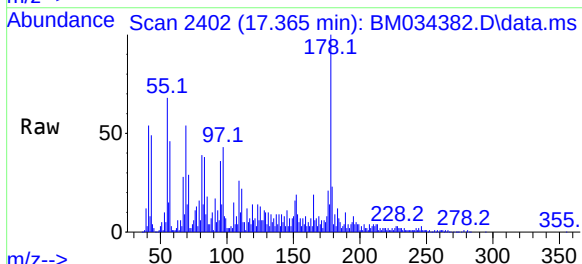
Tgt Ion:188 Resp: 681015
Ion Ratio Lower Upper
188 100
94 10.1 6.6 9.8
80 11.4 7.8 11.8

Manual Integrations
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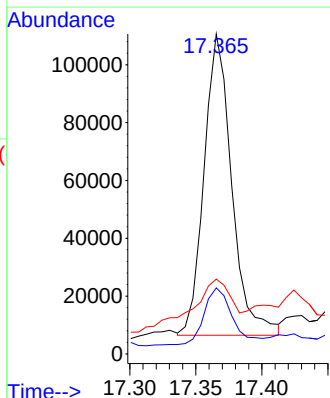
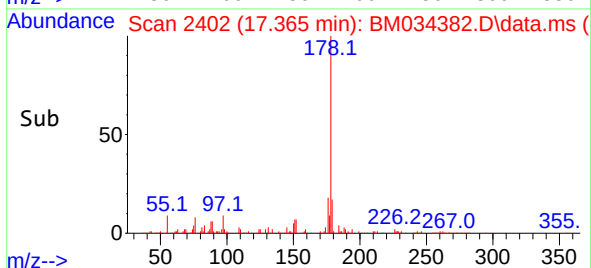
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

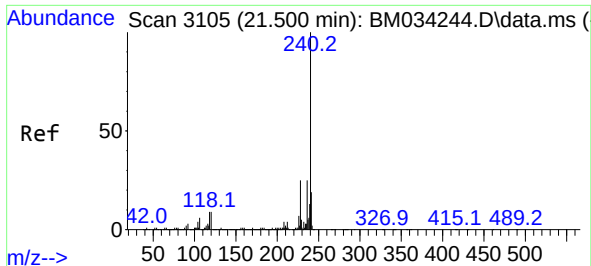


#71
Phenanthrene
Concen: 4.003 ng m
RT: 17.365 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23



Tgt Ion:178 Resp: 152667
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 23.4 12.2 18.4





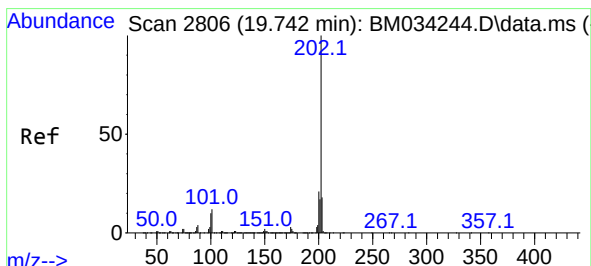
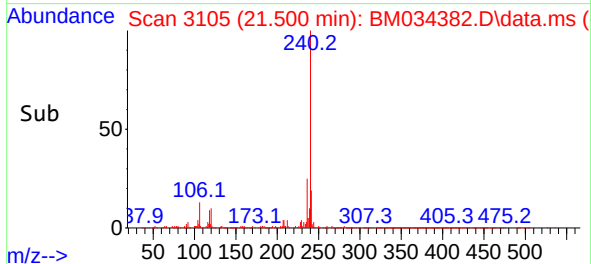
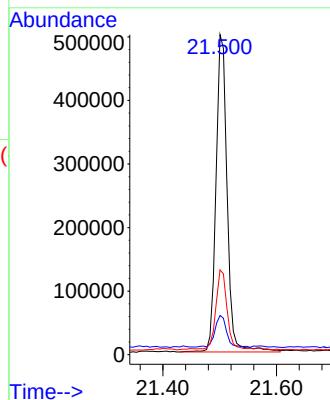
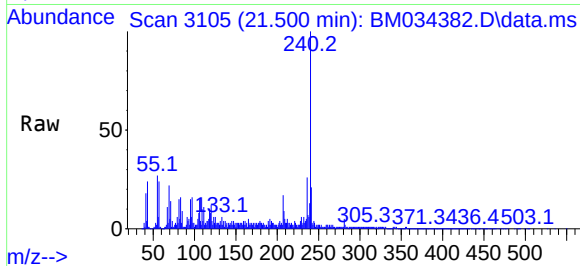
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

Instrument :
BNA_M
ClientSampleId :
UST-7-BOTTOM

Tgt Ion:240 Resp: 677320
Ion Ratio Lower Upper
240 100
120 12.3 7.3 10.9
236 26.5 20.2 30.2

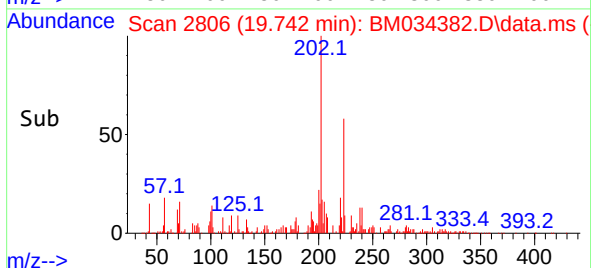
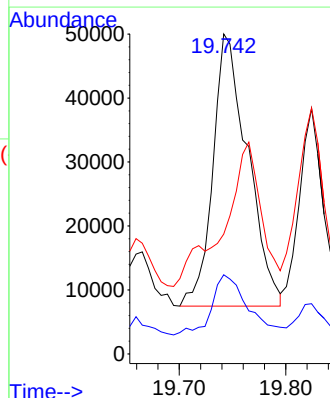
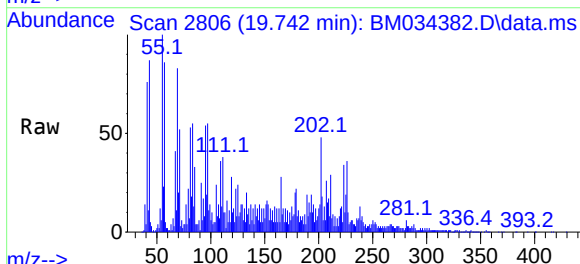
Manual Integrations
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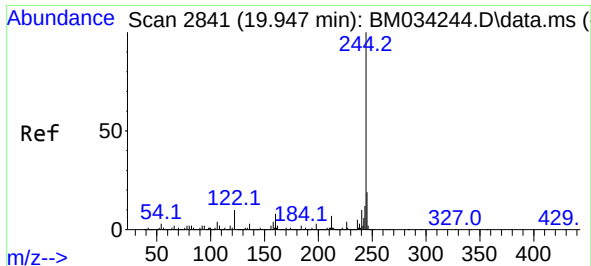
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#78
Pyrene
Concen: 2.027 ng
RT: 19.742 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BM034382.D
Acq: 25 Mar 2022 13:23

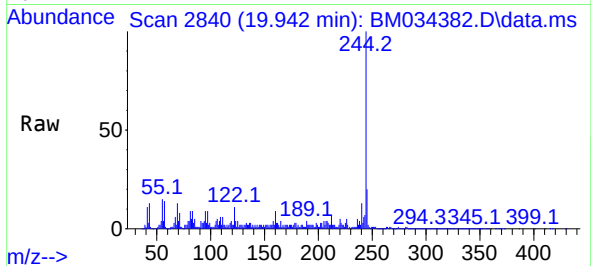
Tgt Ion:202 Resp: 96737
Ion Ratio Lower Upper
202 100
200 24.7 16.6 24.8
203 37.5 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 22.495 ng
 RT: 19.942 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM034382.D
 Acq: 25 Mar 2022 13:23

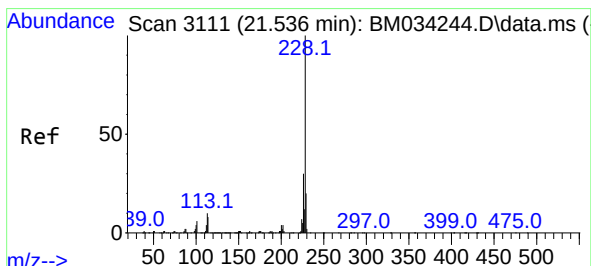
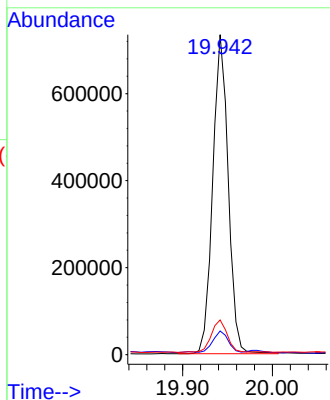
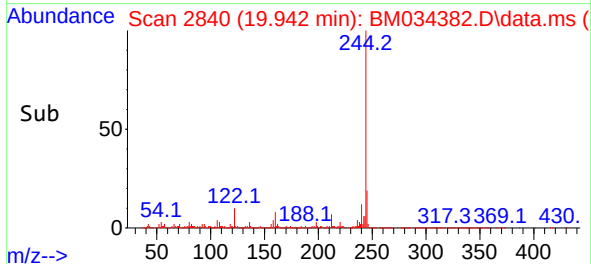
Instrument :
 BNA_M
 ClientSampleId :
 UST-7-BOTTOM



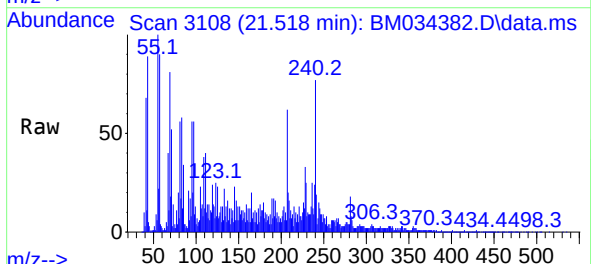
Tgt Ion:244 Resp: 876874
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.9 7.8 11.8

Manual Integrations
 APPROVED

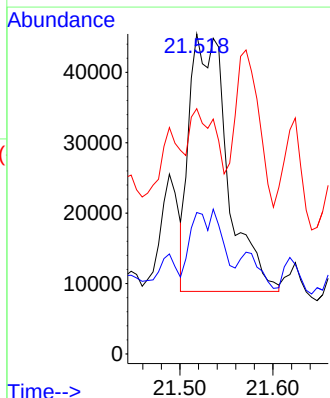
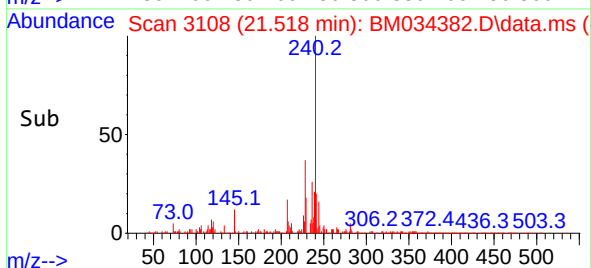
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/28/2022

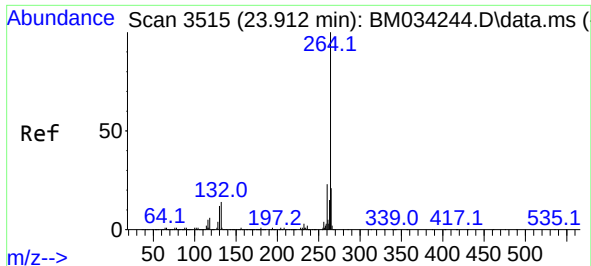


#83
 Chrysene
 Concen: 2.375 ng m
 RT: 21.518 min Scan# 3108
 Delta R.T. -0.018 min
 Lab File: BM034382.D
 Acq: 25 Mar 2022 13:23



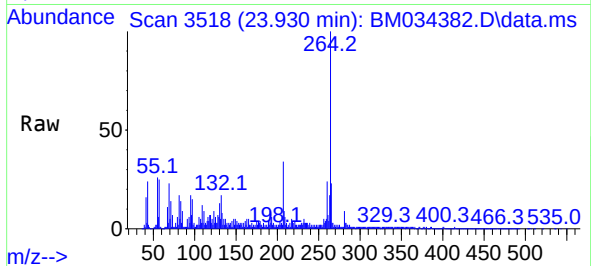
Tgt Ion:228 Resp: 103675
 Ion Ratio Lower Upper
 228 100
 226 44.2 23.8 35.6#
 229 76.7 15.6 23.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.930 min Scan# 30
 Delta R.T. 0.024 min
 Lab File: BM034382.D
 Acq: 25 Mar 2022 13:23

Instrument :
 BNA_M
 ClientSampleId :
 UST-7-BOTTOM



Tgt Ion:264 Resp: 752939
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 23.1 17.6 26.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/28/2022

