

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
 Data File : BM033273.D
 Acq On : 26 Nov 2021 20:05
 Operator : CG/JU
 Sample : M4817-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A6879

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 23:24:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	130869	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	528374	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	329188	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	680954	20.000	ng	# 0.00
76) Chrysene-d12	21.454	240	678596	20.000	ng	0.00
86) Perylene-d12	23.783	264	707310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	443825	56.004	ng	0.00
7) Phenol-d6	7.096	99	369357	34.800	ng	0.00
23) Nitrobenzene-d5	9.095	82	949464	83.421	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	396276	110.431	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	1885737	80.789	ng	0.00
79) Terphenyl-d14	19.901	244	2400797	69.958	ng	0.00
Target Compounds						
22) Acetophenone	8.760	105	27367	2.013	ng	# 93
31) Naphthalene	10.778	128	365374	13.109	ng	100
32) Benzoic acid	9.960	122	7677m	6.728	ng	
37) 2-Methylnaphthalene	12.384	142	153360	8.082	ng	94
38) 1-Methylnaphthalene	12.601	142	120875	6.529	ng	97

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

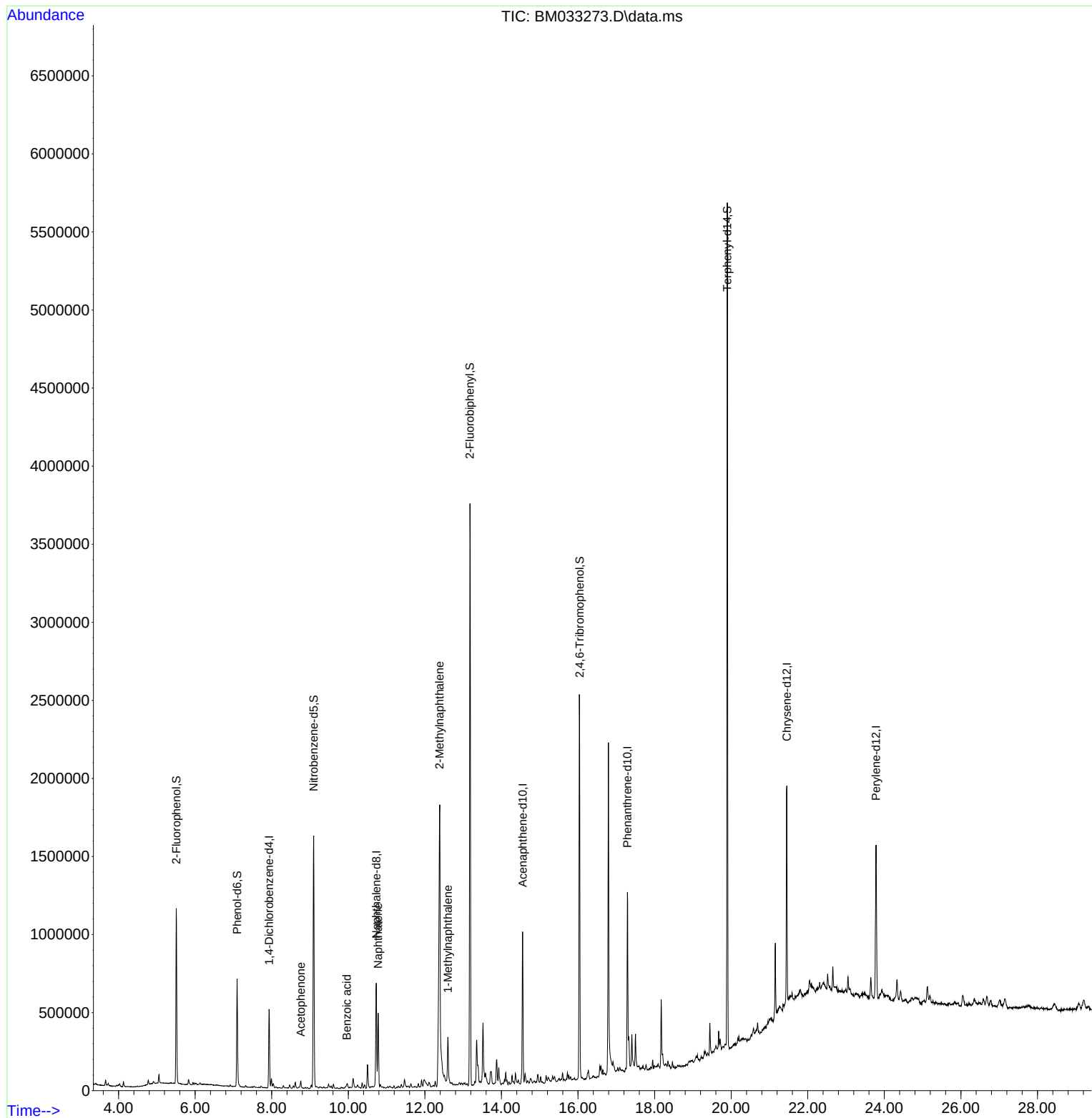
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033273.D
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ALS Vial : 10 Sample Multiplier: 1

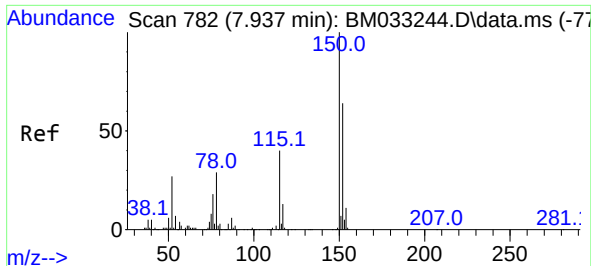
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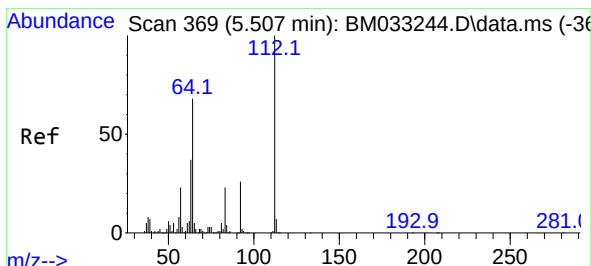
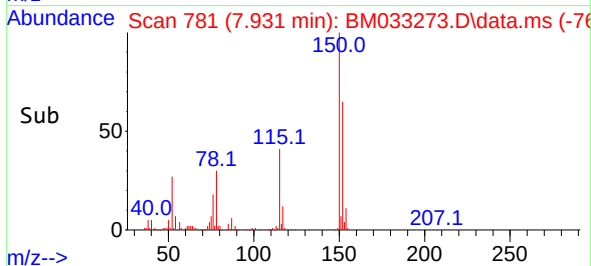
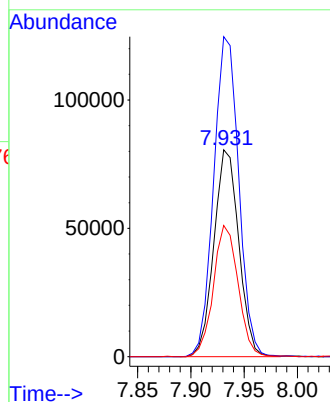
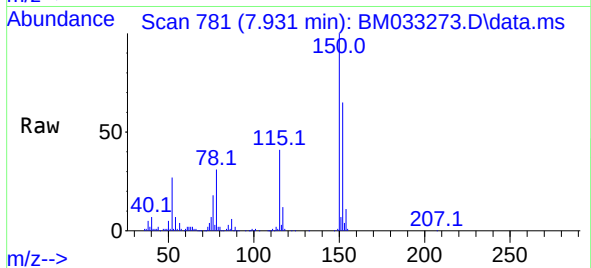
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:152 Resp: 130869
Ion Ratio Lower Upper
152 100
150 154.6 122.4 183.6
115 63.4 53.8 80.8

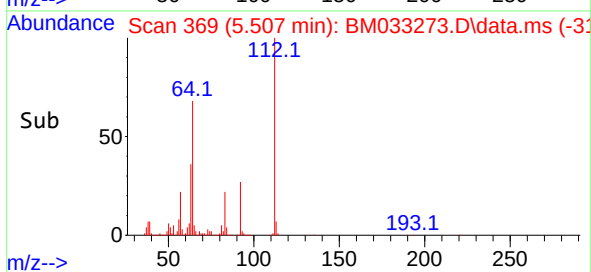
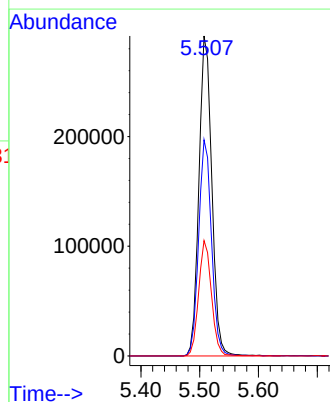
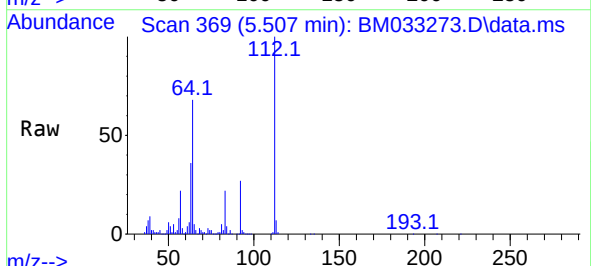
Manual Integrations
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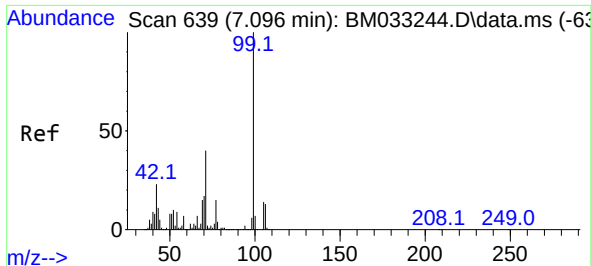
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#5
2-Fluorophenol
Concen: 56.004 ng
RT: 5.507 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

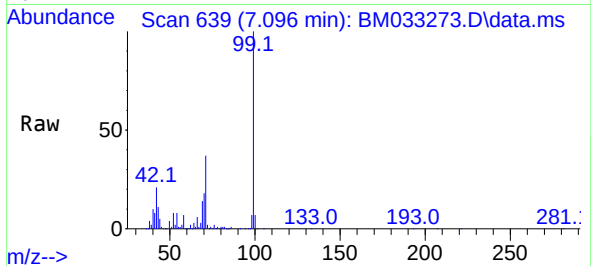
Tgt Ion:112 Resp: 443825
Ion Ratio Lower Upper
112 100
64 67.6 53.7 80.5
63 36.0 33.9 50.9





#7
Phenol-d6
Concen: 34.800 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

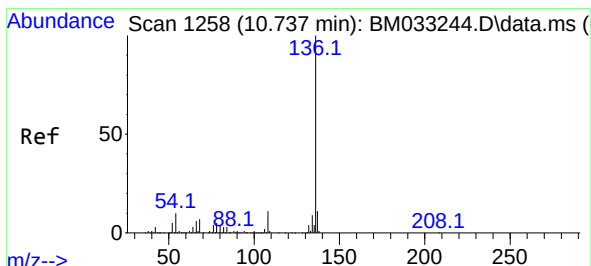
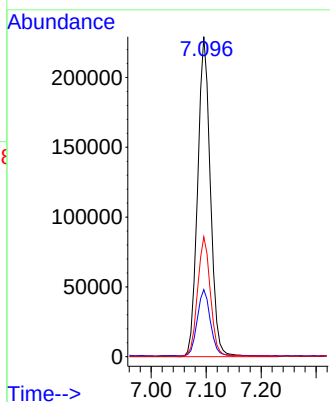
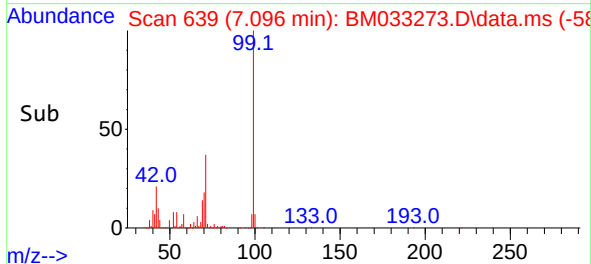
Instrument :
BNA_M
ClientSampleId :
A6879



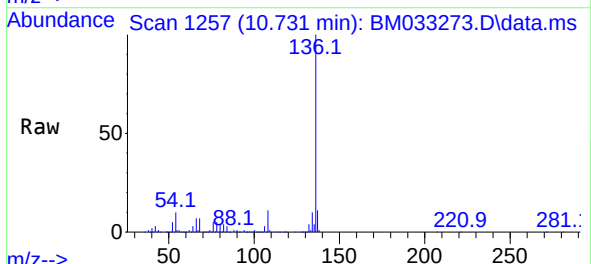
Tgt Ion: 99 Resp: 36935
Ion Ratio Lower Upper
99 100
42 21.0 23.0 34.6
71 37.5 37.8 56.8

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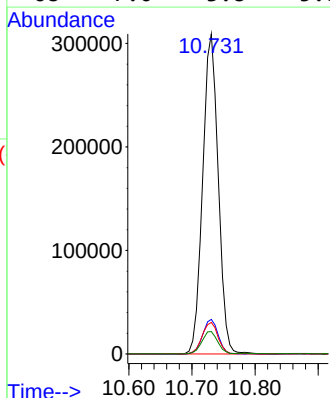
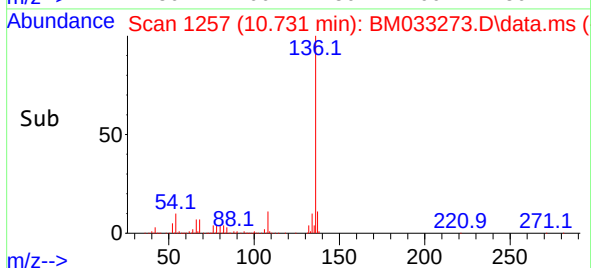
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

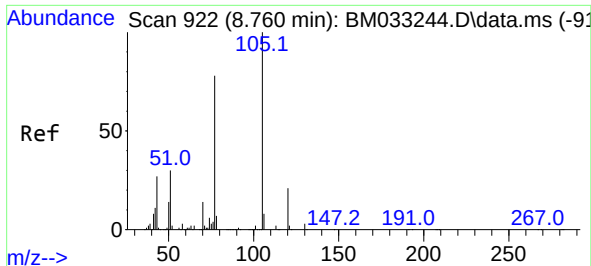


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05



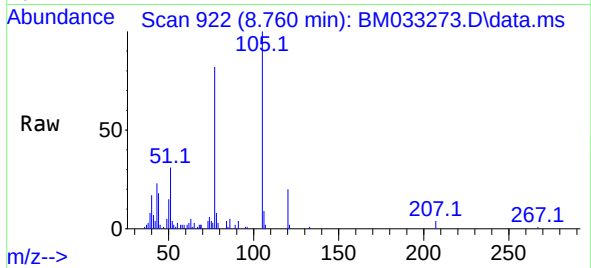
Tgt Ion:136 Resp: 528374
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.8 7.4 11.0
68 7.0 3.8 5.8





#22
Acetophenone
Concen: 2.013 ng
RT: 8.760 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

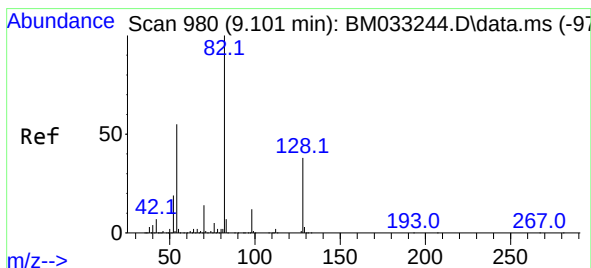
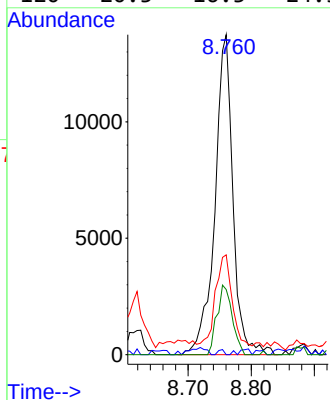
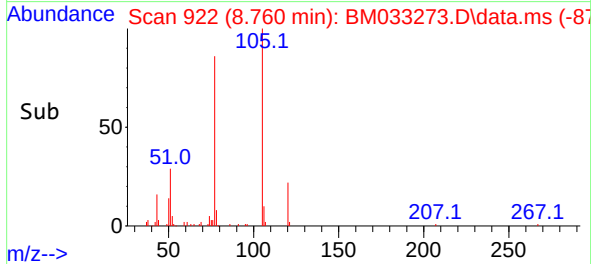
Instrument :
BNA_M
ClientSampleId :
A6879



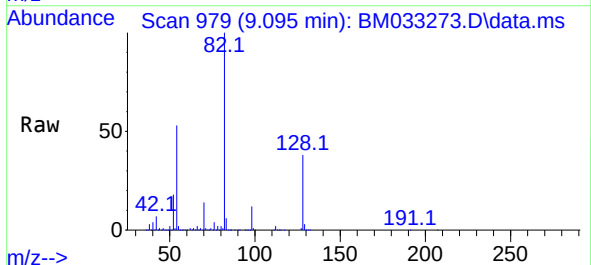
Tgt Ion: 105 Resp: 2736
Ion Ratio Lower Upper
105 100
71 0.0 3.8 5.6
51 31.2 29.5 44.3
120 20.3 16.3 24.5

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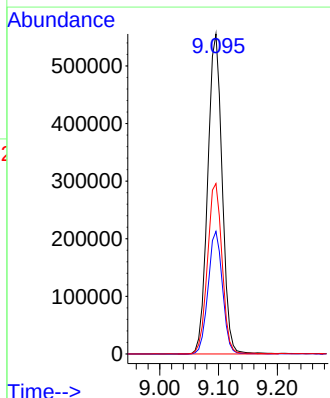
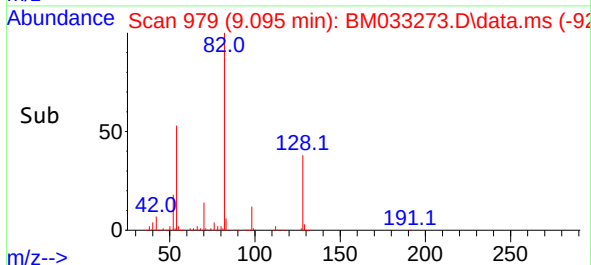
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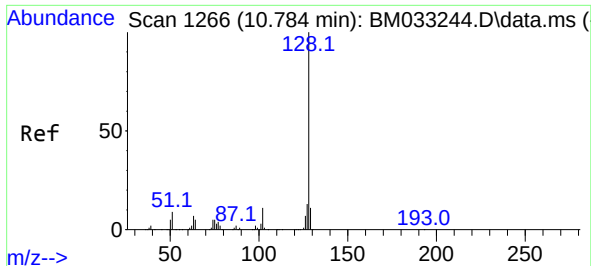


#23
Nitrobenzene-d5
Concen: 83.421 ng
RT: 9.095 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05



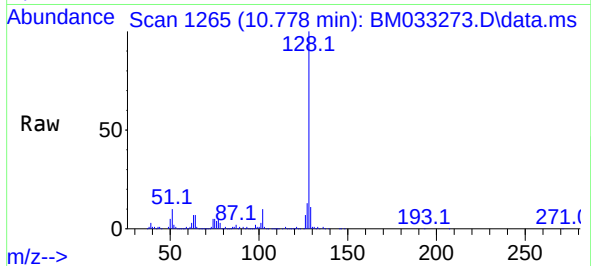
Tgt Ion: 82 Resp: 949464
Ion Ratio Lower Upper
82 100
128 38.3 29.0 43.6
54 53.3 45.8 68.8





#31
Naphthalene
Concen: 13.109 ng
RT: 10.778 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

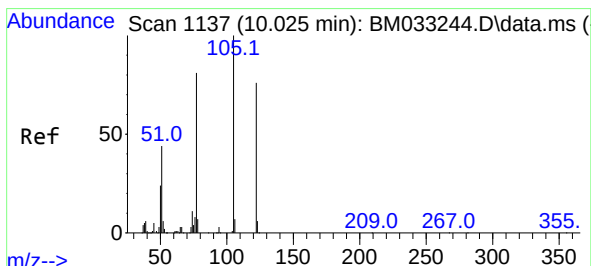
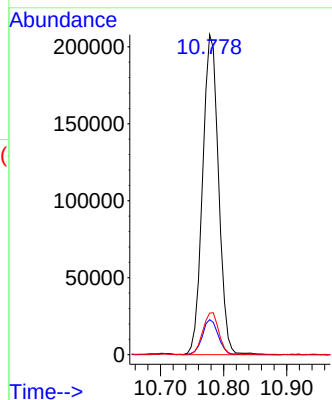
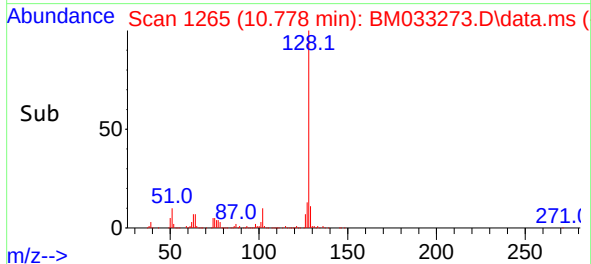
Instrument :
BNA_M
ClientSampleId :
A6879



Tgt Ion:128 Resp: 365374
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.4 15.6

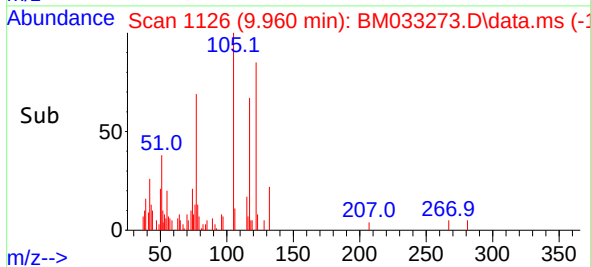
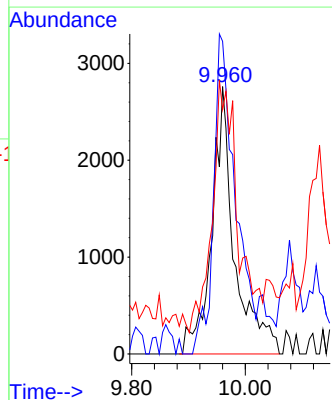
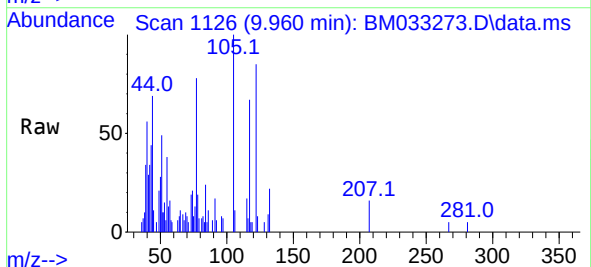
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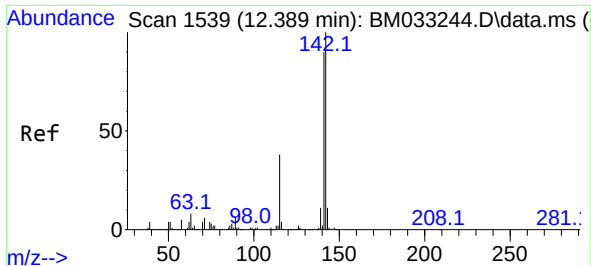
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#32
Benzoic acid
Concen: 6.728 ng m
RT: 9.960 min Scan# 1126
Delta R.T. -0.065 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:122 Resp: 7677
Ion Ratio Lower Upper
122 100
105 117.0 120.3 160.3#
77 91.4 100.0 140.0#





#37

2-Methylnaphthalene

Concen: 8.082 ng

RT: 12.384 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BM033273.D

Acq: 26 Nov 2021 20:05

Instrument :

BNA_M

ClientSampleId :

A6879

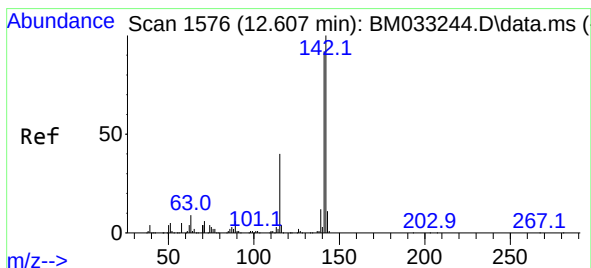
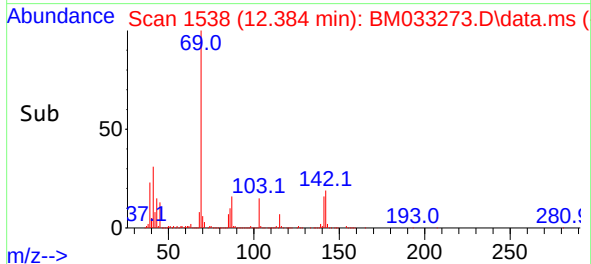
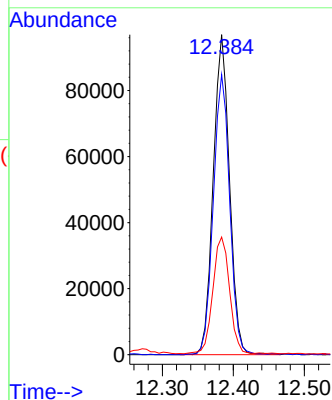
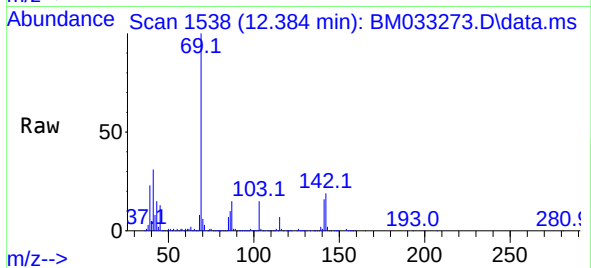
Tgt Ion:142 Resp: 153360

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.8	107.6
115	36.7	36.3	54.5

Manual Integrations

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Supervised By :Sohil Jodhani 11/30/2021



#38

1-Methylnaphthalene

Concen: 6.529 ng

RT: 12.601 min Scan# 1575

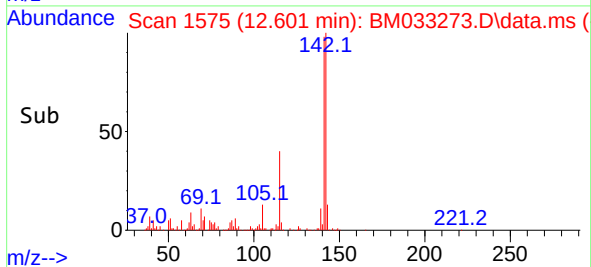
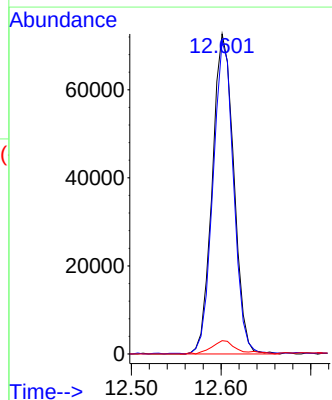
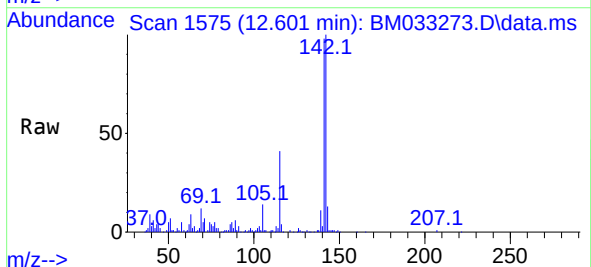
Delta R.T. -0.006 min

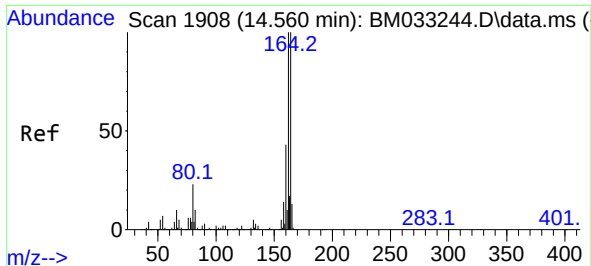
Lab File: BM033273.D

Acq: 26 Nov 2021 20:05

Tgt Ion:142 Resp: 120875

Ion	Ratio	Lower	Upper
142	100		
141	97.8	75.6	113.4
116	4.2	4.0	6.0





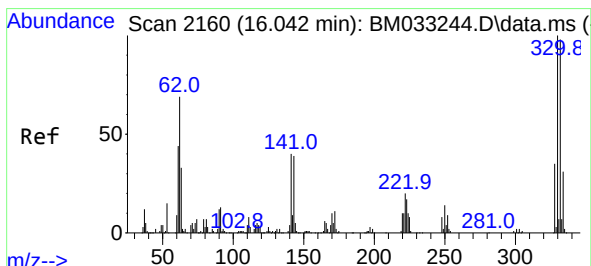
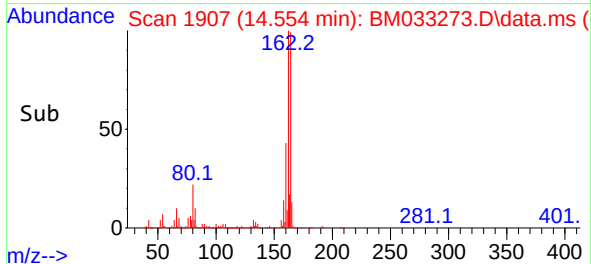
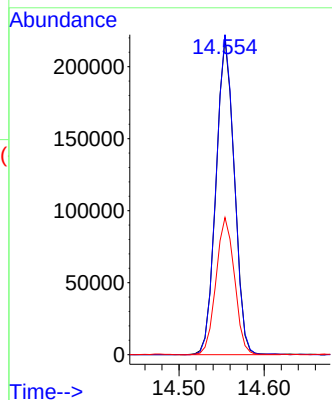
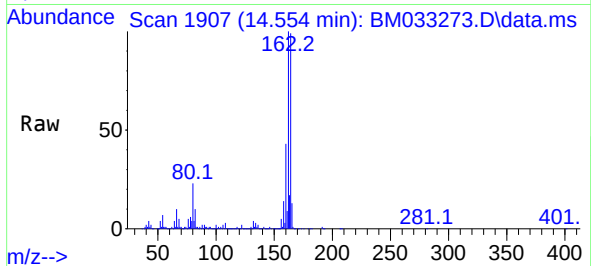
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Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:164 Resp: 329188
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 43.4 35.1 52.7

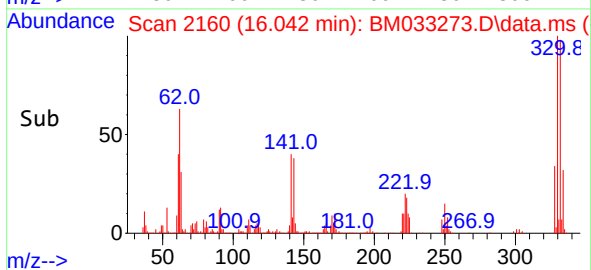
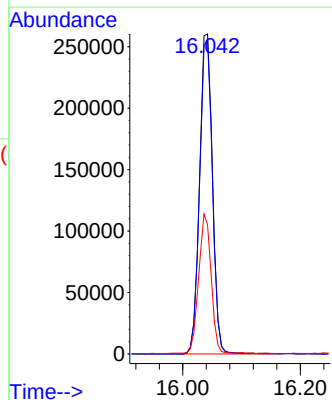
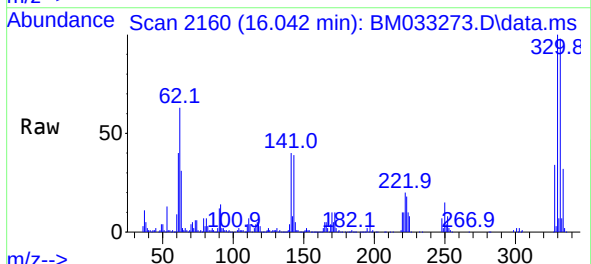
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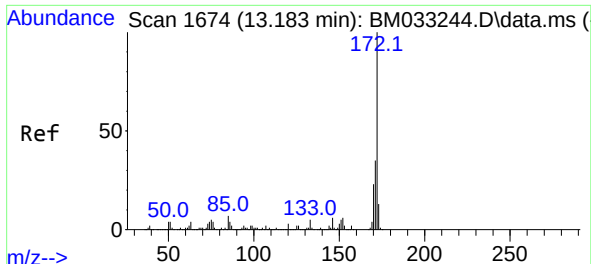
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#42
2,4,6-Tribromophenol
Concen: 110.431 ng
RT: 16.042 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

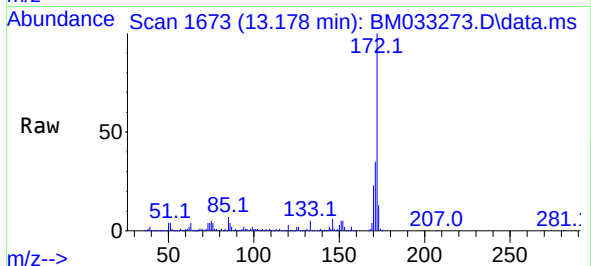
Tgt Ion:330 Resp: 396276
Ion Ratio Lower Upper
330 100
332 97.1 75.7 113.5
141 42.0 50.7 76.1#





#45
2-Fluorobiphenyl
Concen: 80.789 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

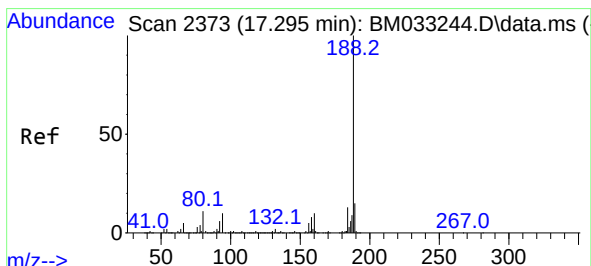
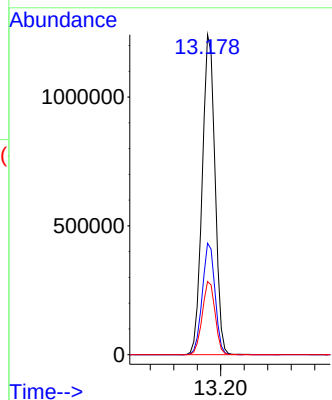
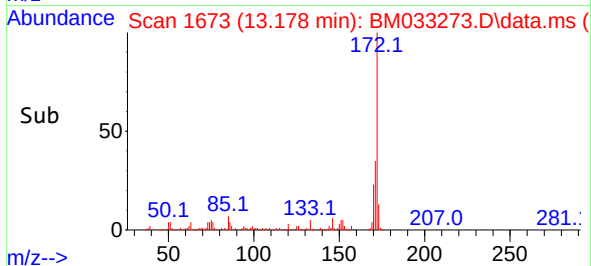
Instrument :
BNA_M
ClientSampleId :
A6879



Tgt Ion:172 Resp: 188573
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.9 18.6 27.8

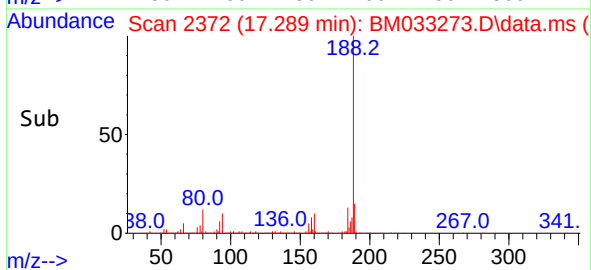
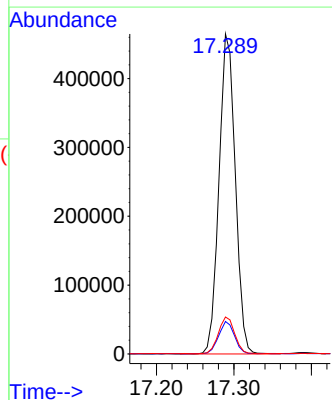
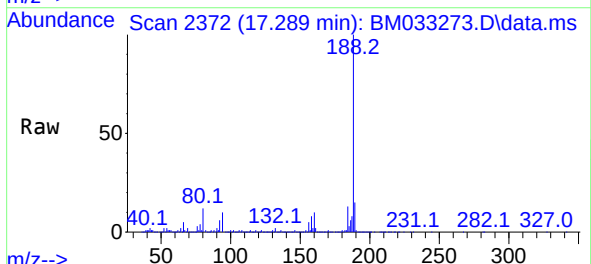
Manual Integrations
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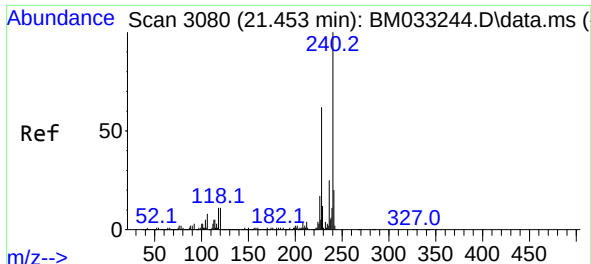
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

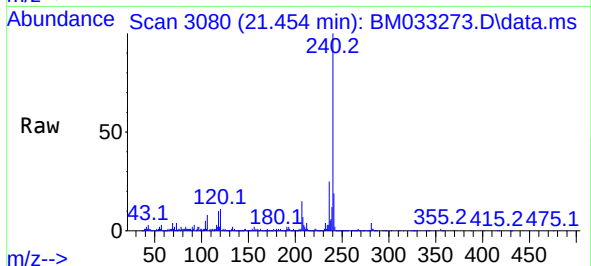
Tgt Ion:188 Resp: 680954
Ion Ratio Lower Upper
188 100
94 10.2 6.3 9.5#
80 11.6 7.3 10.9#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

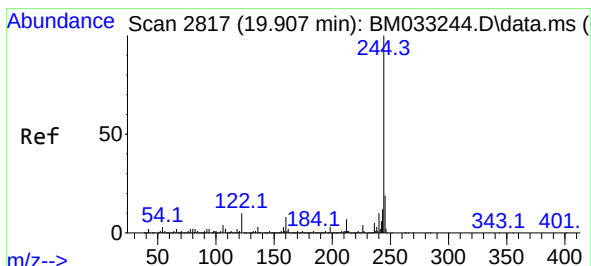
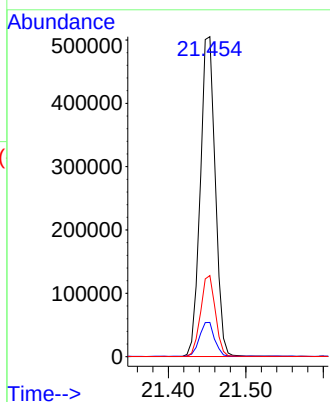
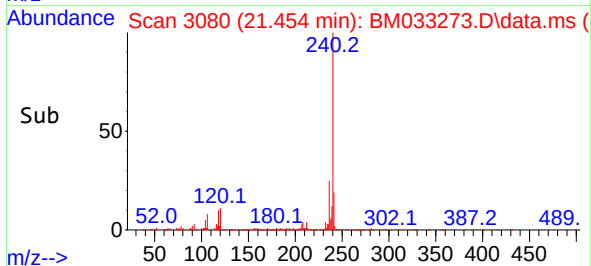
Instrument :
BNA_M
ClientSampleId :
A6879



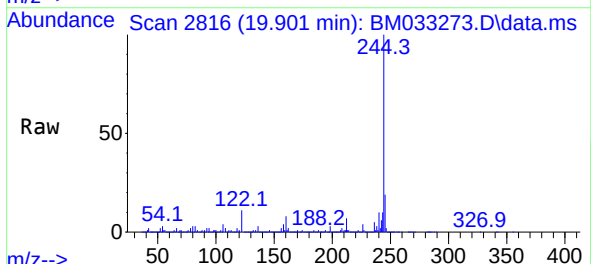
Tgt Ion:240 Resp: 678590
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.4 20.9 31.3

Manual Integrations
APPROVED

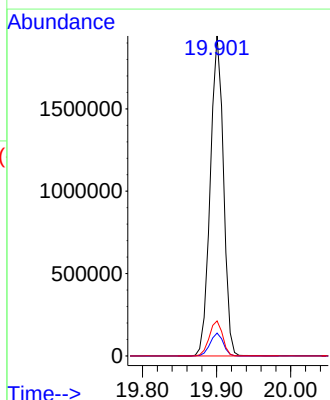
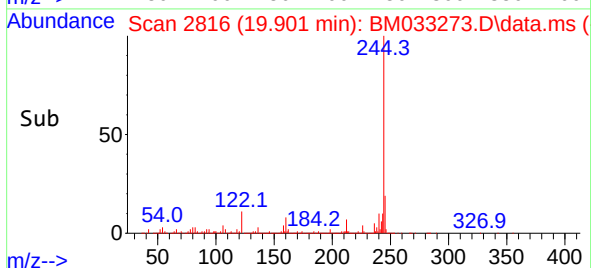
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

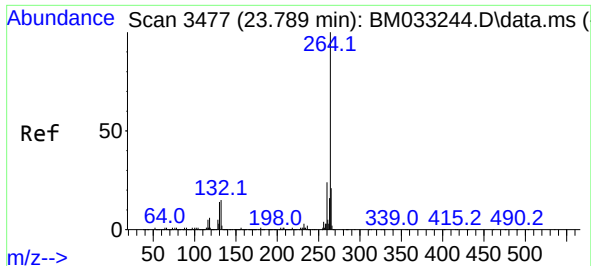


#79
Terphenyl-d14
Concen: 69.958 ng
RT: 19.901 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05



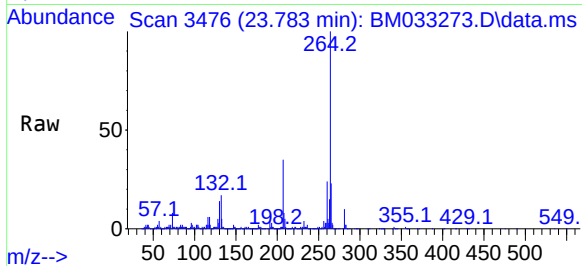
Tgt Ion:244 Resp: 2400797
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 10.9 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM033273.D
 Acq: 26 Nov 2021 20:05

Instrument :
 BNA_M
 ClientSampleId :
 A6879



Tgt Ion:264 Resp: 707310
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.8 18.3 27.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

