

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033299.D
 Acq On : 03 Dec 2021 22:49
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 00:51:37 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	7.925	152	132305	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	510963	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	314638	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	635635	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	624301	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	629822	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	512617	63.983	ng	0.01
7) Phenol-d6	7.107	99	411158	38.318	ng	0.01
23) Nitrobenzene-d5	9.090	82	1097148	99.681	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	469927	137.011	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	2006247	89.926	ng	0.00
79) Terphenyl-d14	19.901	244	3056922	96.824	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.907	122	25615m	3.792	ng	
31) Naphthalene	10.778	128	4722658	175.216	ng	99
37) 2-Methylnaphthalene	12.378	142	607029	33.081	ng	97
38) 1-Methylnaphthalene	12.595	142	794514	44.380	ng	98

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

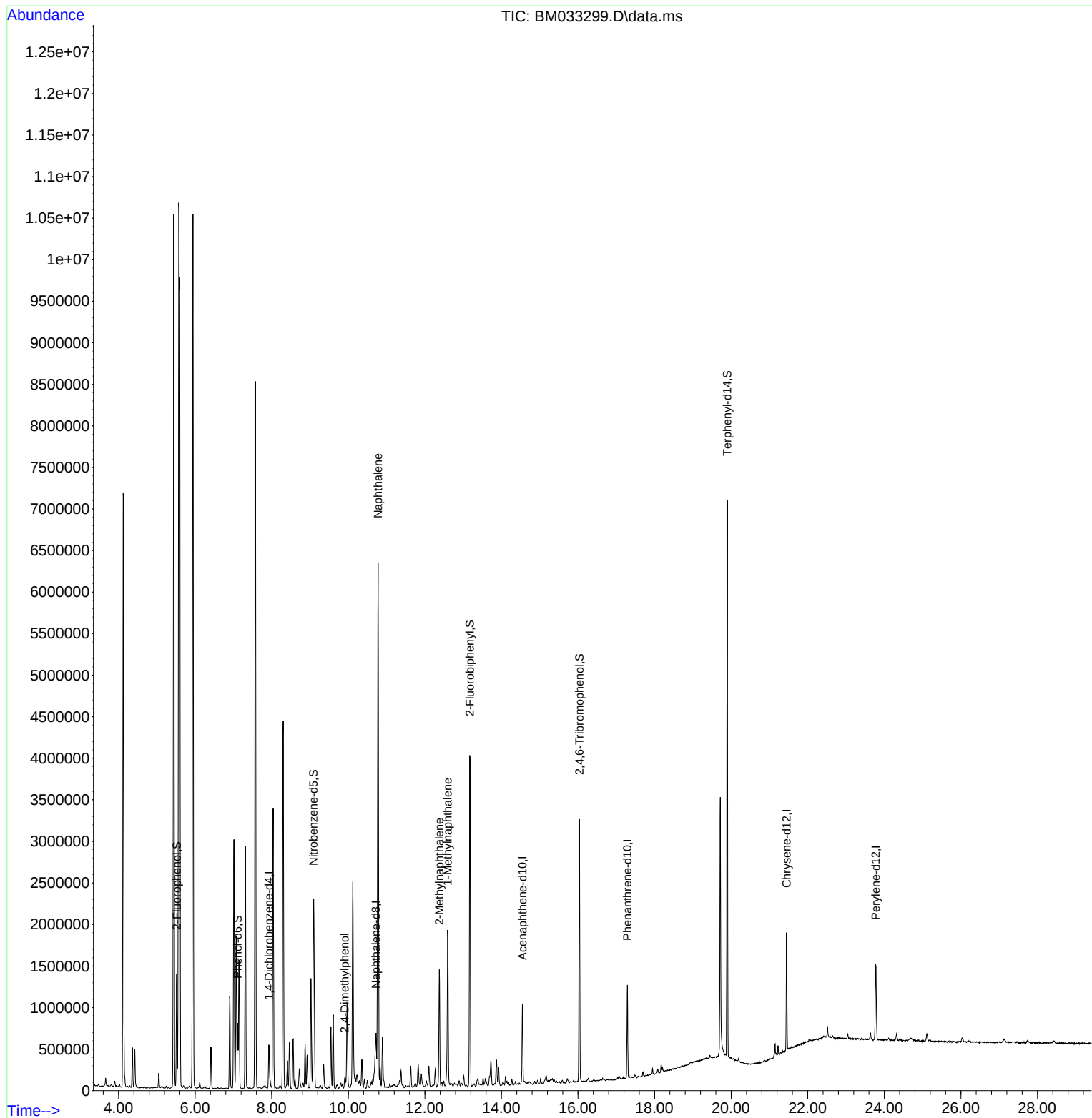
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033299.D
Acq On : 03 Dec 2021 22:49
Operator : CG/JU
Sample : M4917-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

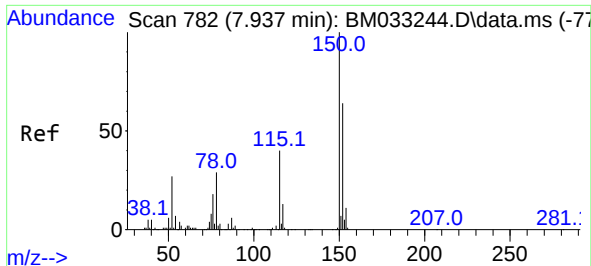
Instrument :
BNA_M
ClientSampleId :
MW-25

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

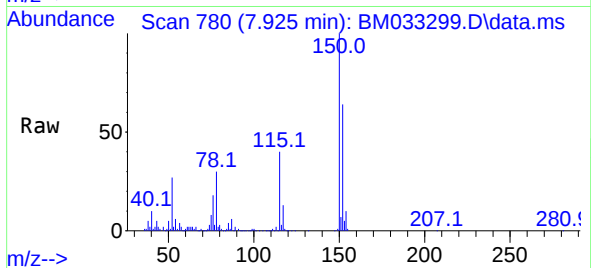
Quant Time: Dec 06 00:51:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

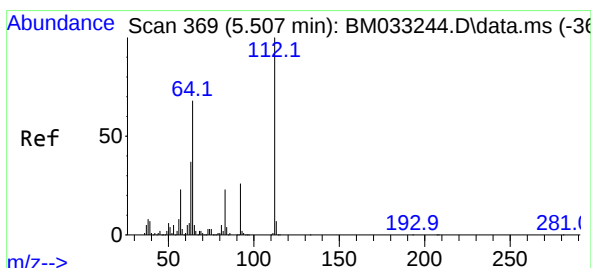
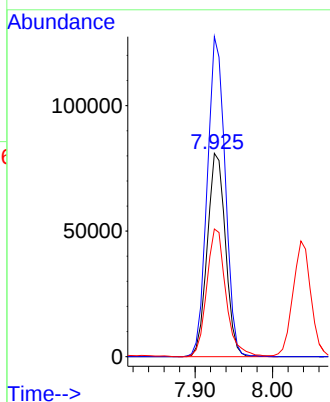
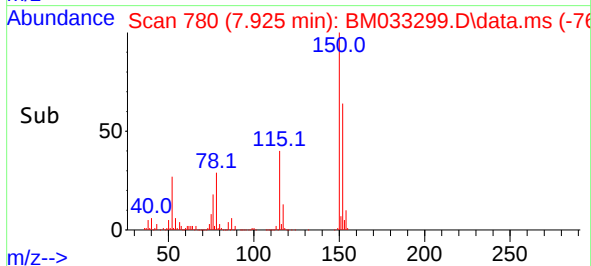
Instrument :
BNA_M
ClientSampleId :
MW-25



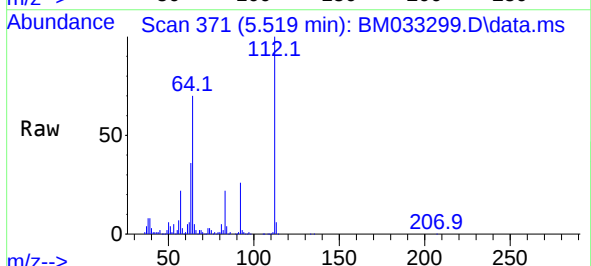
Tgt Ion:152 Resp: 13230
Ion Ratio Lower Upper
152 100
150 157.4 122.4 183.6
115 62.8 53.8 80.8

Manual Integrations
APPROVED

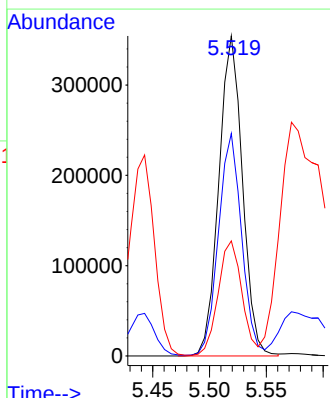
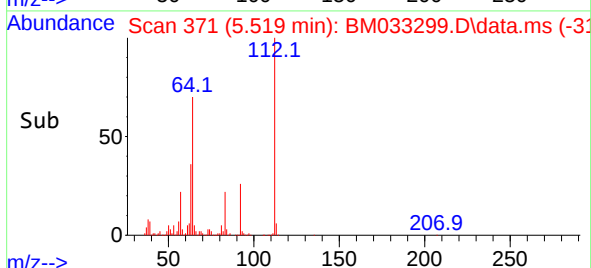
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

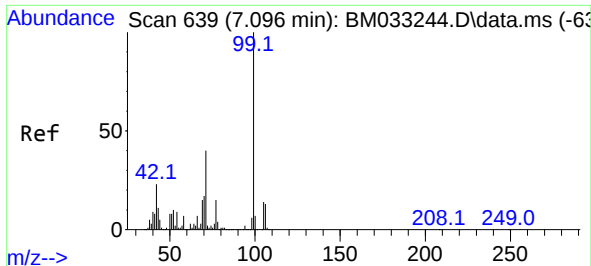


#5
2-Fluorophenol
Concen: 63.983 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



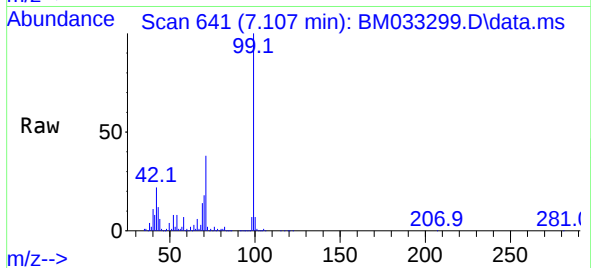
Tgt Ion:112 Resp: 512617
Ion Ratio Lower Upper
112 100
64 69.5 53.7 80.5
63 35.9 33.9 50.9





#7
Phenol-d6
Concen: 38.318 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

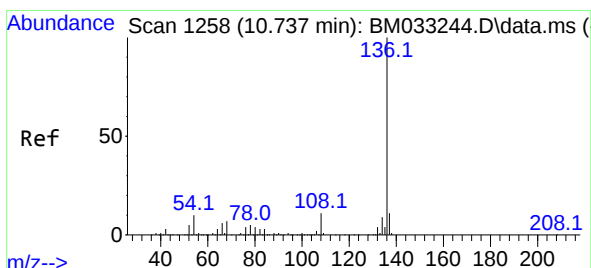
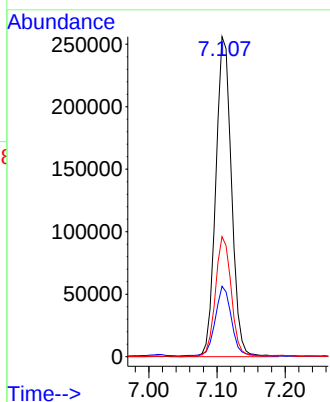
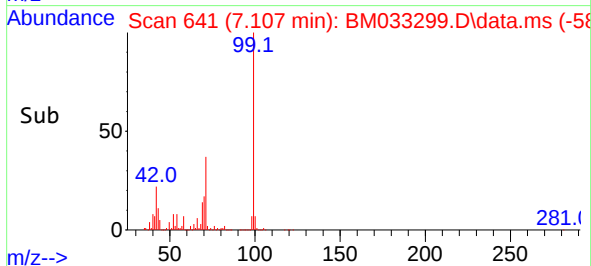
Instrument :
BNA_M
ClientSampleId :
MW-25



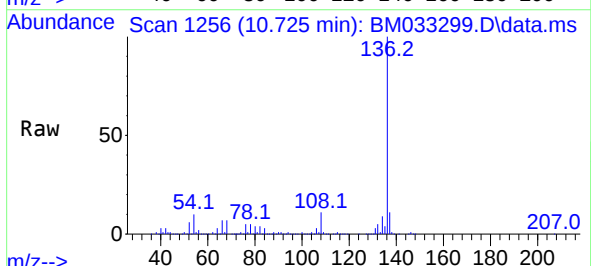
Tgt Ion: 99 Resp: 411158
Ion Ratio Lower Upper
99 100
42 22.0 23.0 34.6
71 37.5 37.8 56.8

Manual Integrations
APPROVED

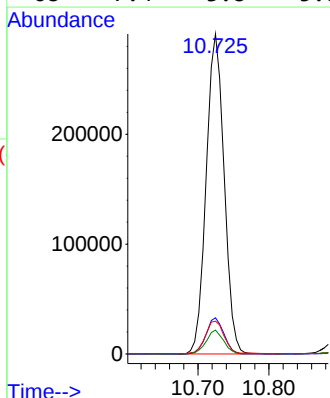
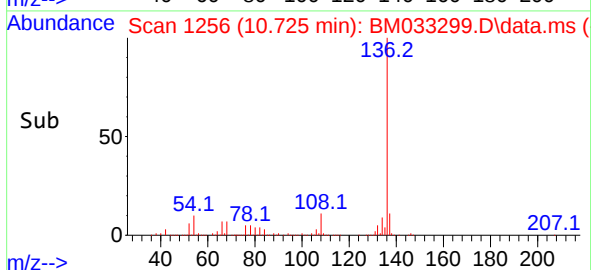
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

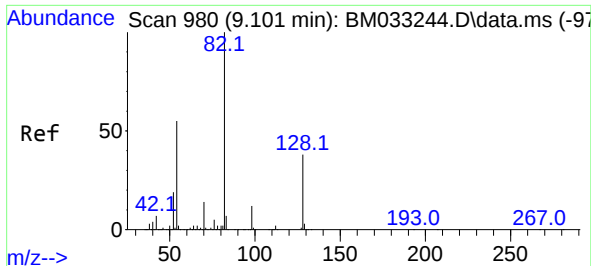


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



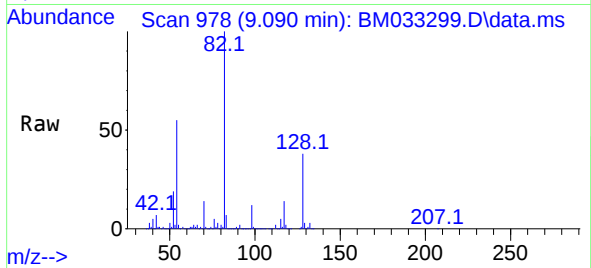
Tgt Ion:136 Resp: 510963
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.3 7.4 11.0
68 7.4 3.8 5.8





#23
Nitrobenzene-d5
Concen: 99.681 ng
RT: 9.090 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

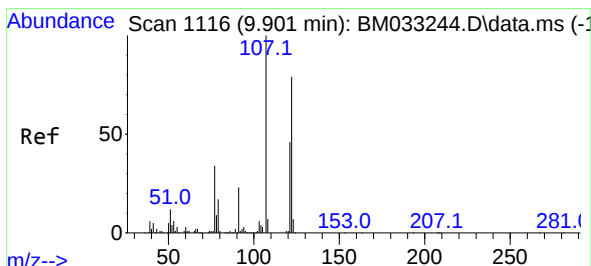
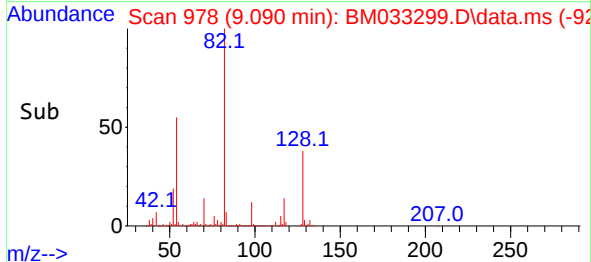
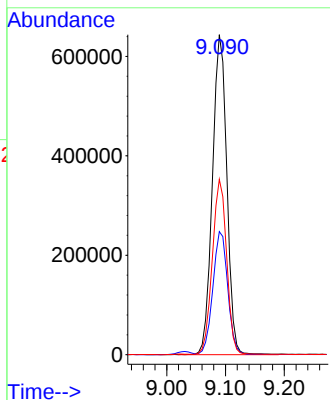
Instrument :
BNA_M
ClientSampleId :
MW-25



Tgt Ion: 82 Resp: 109714
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.6
54 54.8 45.8 68.8

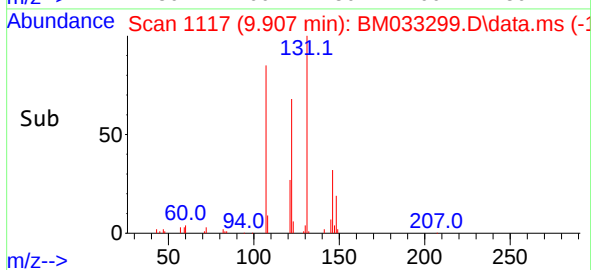
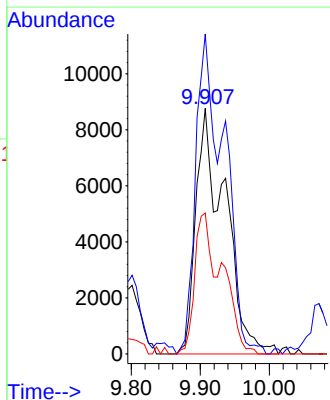
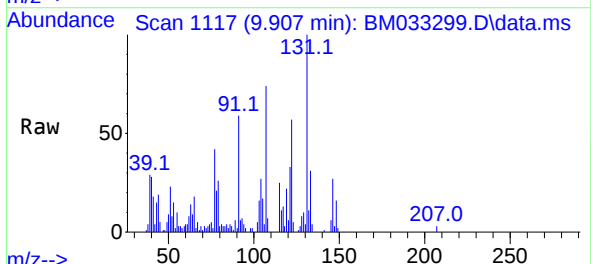
Manual Integrations
APPROVED

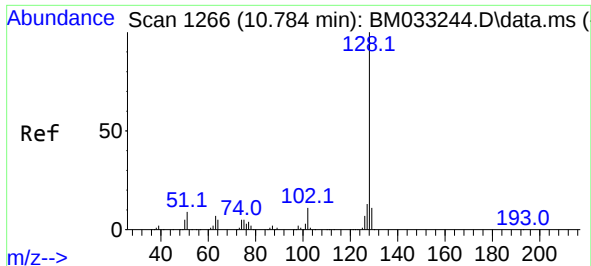
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#27
2,4-Dimethylphenol
Concen: 3.792 ng m
RT: 9.907 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

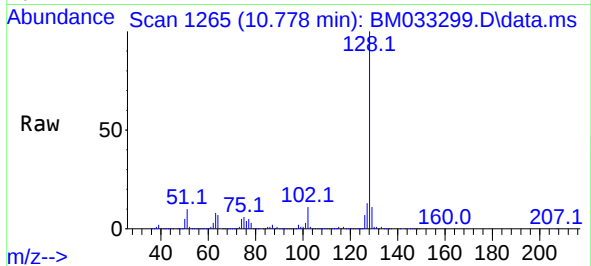
Tgt Ion:122 Resp: 25615
Ion Ratio Lower Upper
122 100
107 130.3 100.6 150.8
121 57.4 47.3 70.9





#31
Naphthalene
Concen: 175.216 ng
RT: 10.778 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

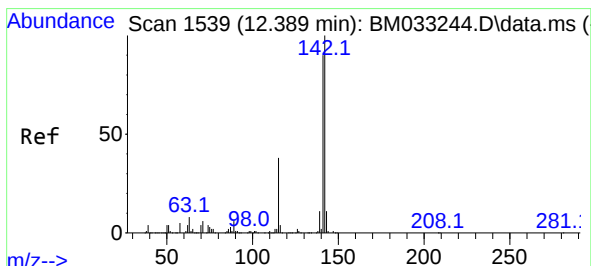
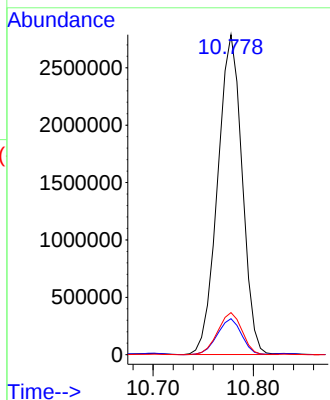
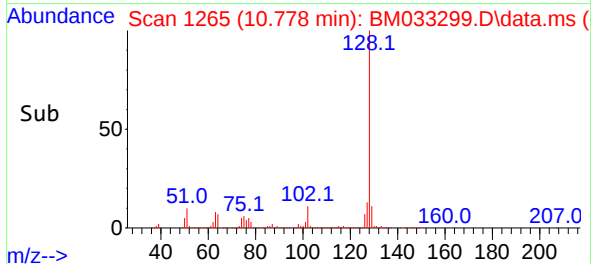
Instrument :
BNA_M
ClientSampleId :
MW-25



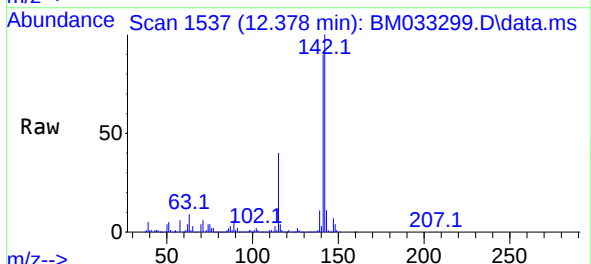
Tgt Ion:128 Resp: 4722658
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.4 15.6

Manual Integrations
APPROVED

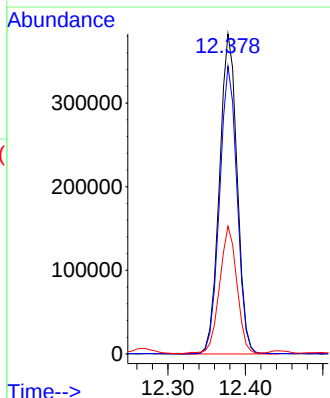
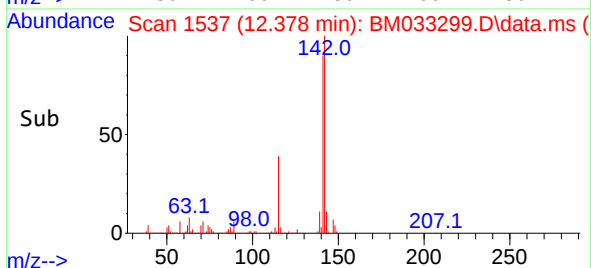
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

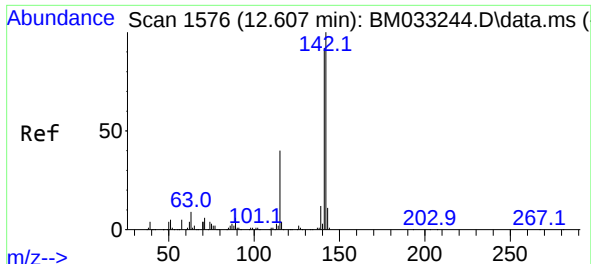


#37
2-Methylnaphthalene
Concen: 33.081 ng
RT: 12.378 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



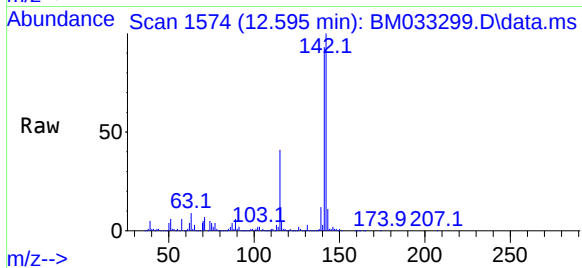
Tgt Ion:142 Resp: 607029
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6
115 39.9 36.3 54.5





#38
1-Methylnaphthalene
Concen: 44.380 ng
RT: 12.595 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

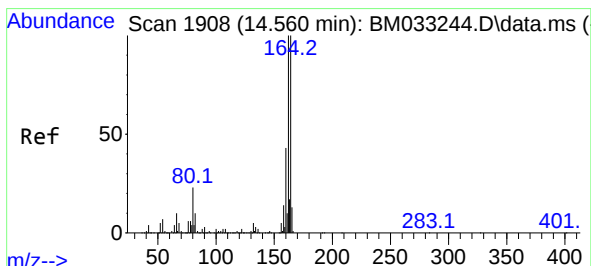
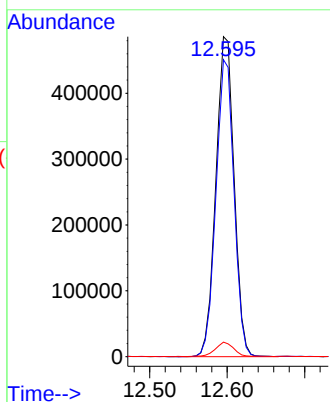
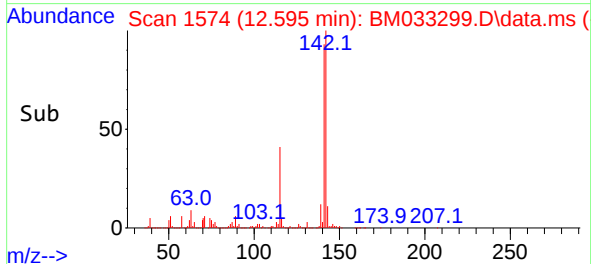
Instrument :
BNA_M
ClientSampleId :
MW-25



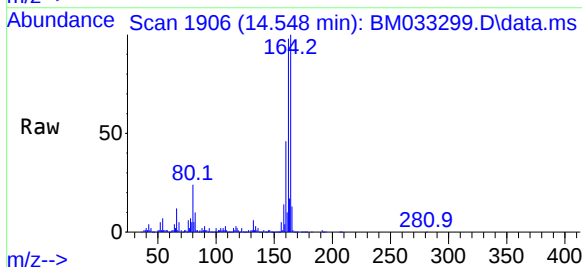
Tgt Ion:142 Resp: 794514
Ion Ratio Lower Upper
142 100
141 92.8 75.6 113.4
116 4.6 4.0 6.0

Manual Integrations
APPROVED

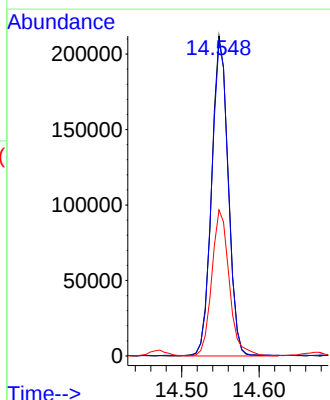
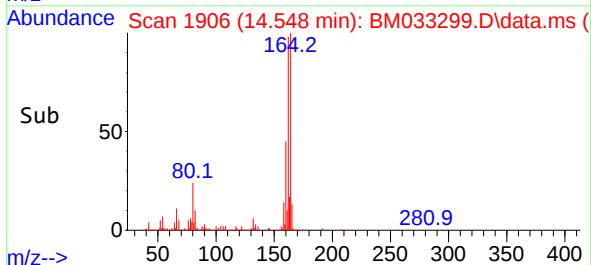
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

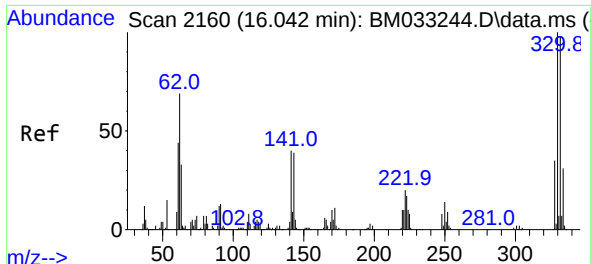


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



Tgt Ion:164 Resp: 314638
Ion Ratio Lower Upper
164 100
162 98.4 80.6 121.0
160 45.6 35.1 52.7





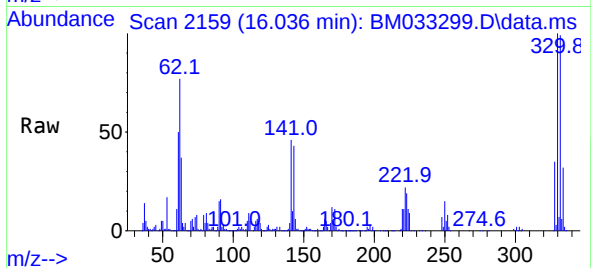
#42
2,4,6-Tribromophenol
Concen: 137.011 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

Instrument :

BNA_M

ClientSampleId :

MW-25

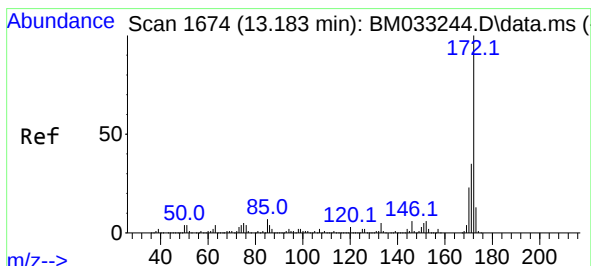
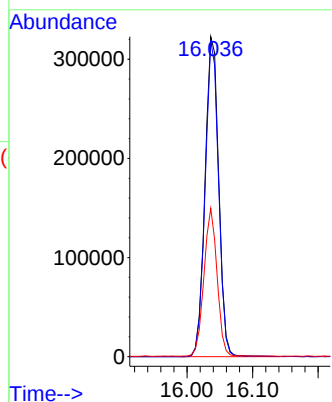
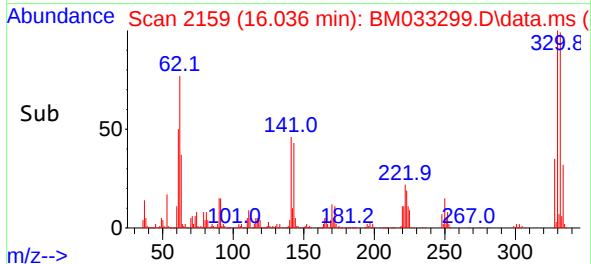


Tgt Ion:330 Resp: 469927
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 44.2 50.7 76.1

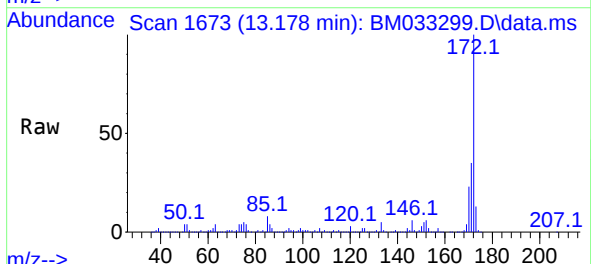
Manual Integrations

APPROVED

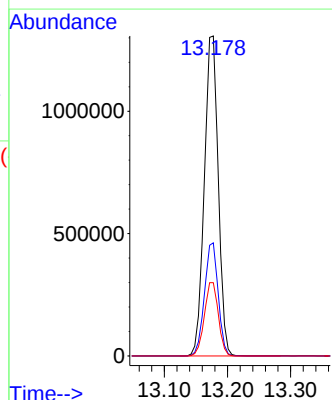
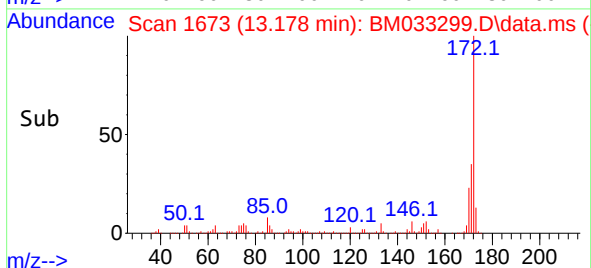
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

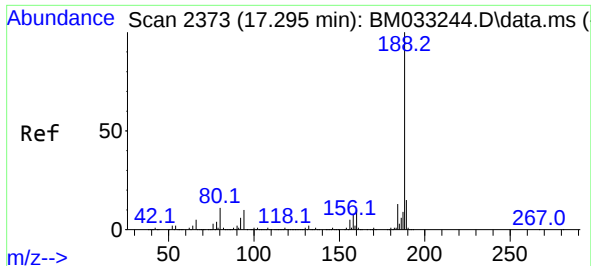


#45
2-Fluorobiphenyl
Concen: 89.926 ng
RT: 13.178 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



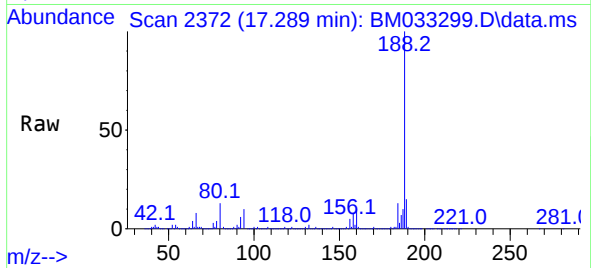
Tgt Ion:172 Resp: 2006247
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

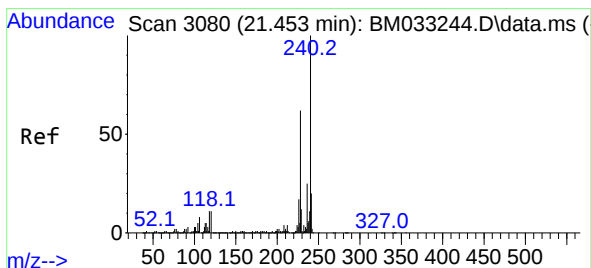
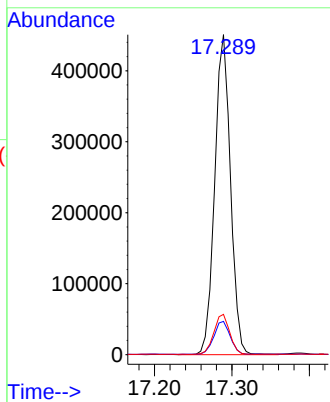
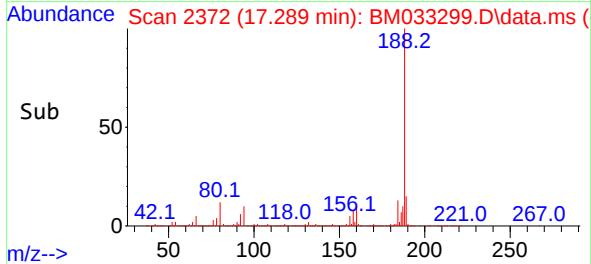
Instrument :
BNA_M
ClientSampleId :
MW-25



Tgt Ion:188 Resp: 63563
Ion Ratio Lower Upper
188 100
94 10.4 6.3 9.5
80 12.6 7.3 10.9

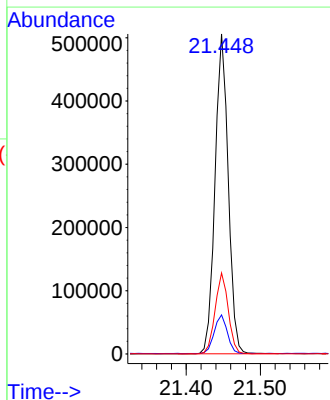
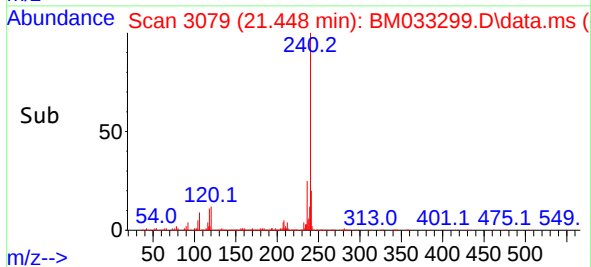
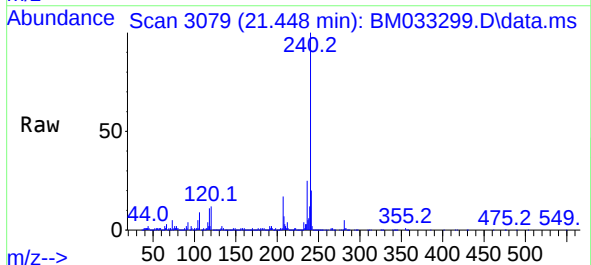
Manual Integrations
APPROVED

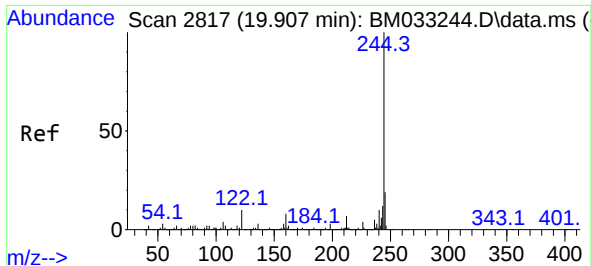
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

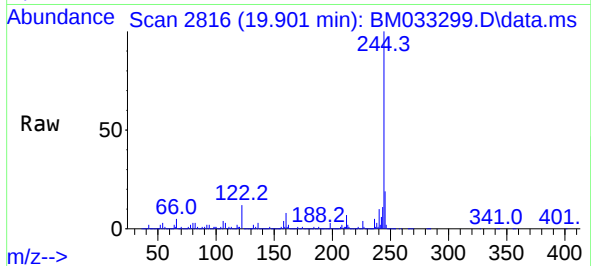
Tgt Ion:240 Resp: 624301
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6
236 25.3 20.9 31.3





#79
Terphenyl-d14
Concen: 96.824 ng
RT: 19.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49

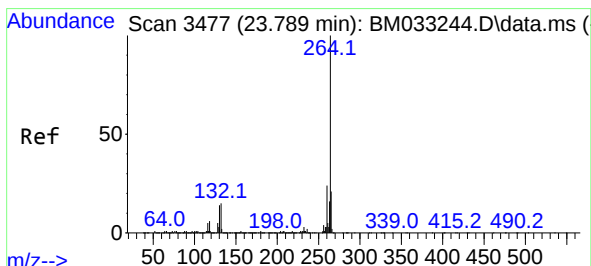
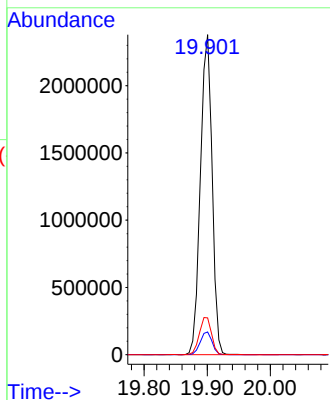
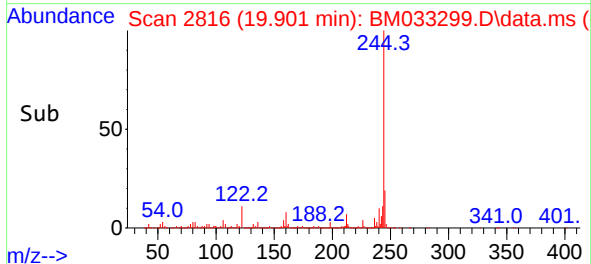
Instrument :
BNA_M
ClientSampleId :
MW-25



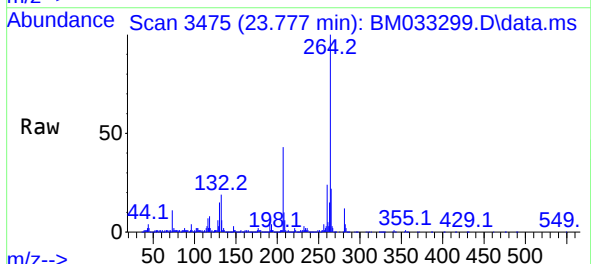
Tgt Ion:244 Resp: 305692
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.777 min Scan# 3475
Delta R.T. -0.012 min
Lab File: BM033299.D
Acq: 03 Dec 2021 22:49



Tgt Ion:264 Resp: 629822
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.2 18.3 27.5

