

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026396.D
 Acq On : 15 Jun 2020 17:56
 Operator : JU/CG
 Sample : L3005-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW001-200611

Quant Time: Jun 15 18:59:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 12:22:53 2020
 Response via : Initial Calibration

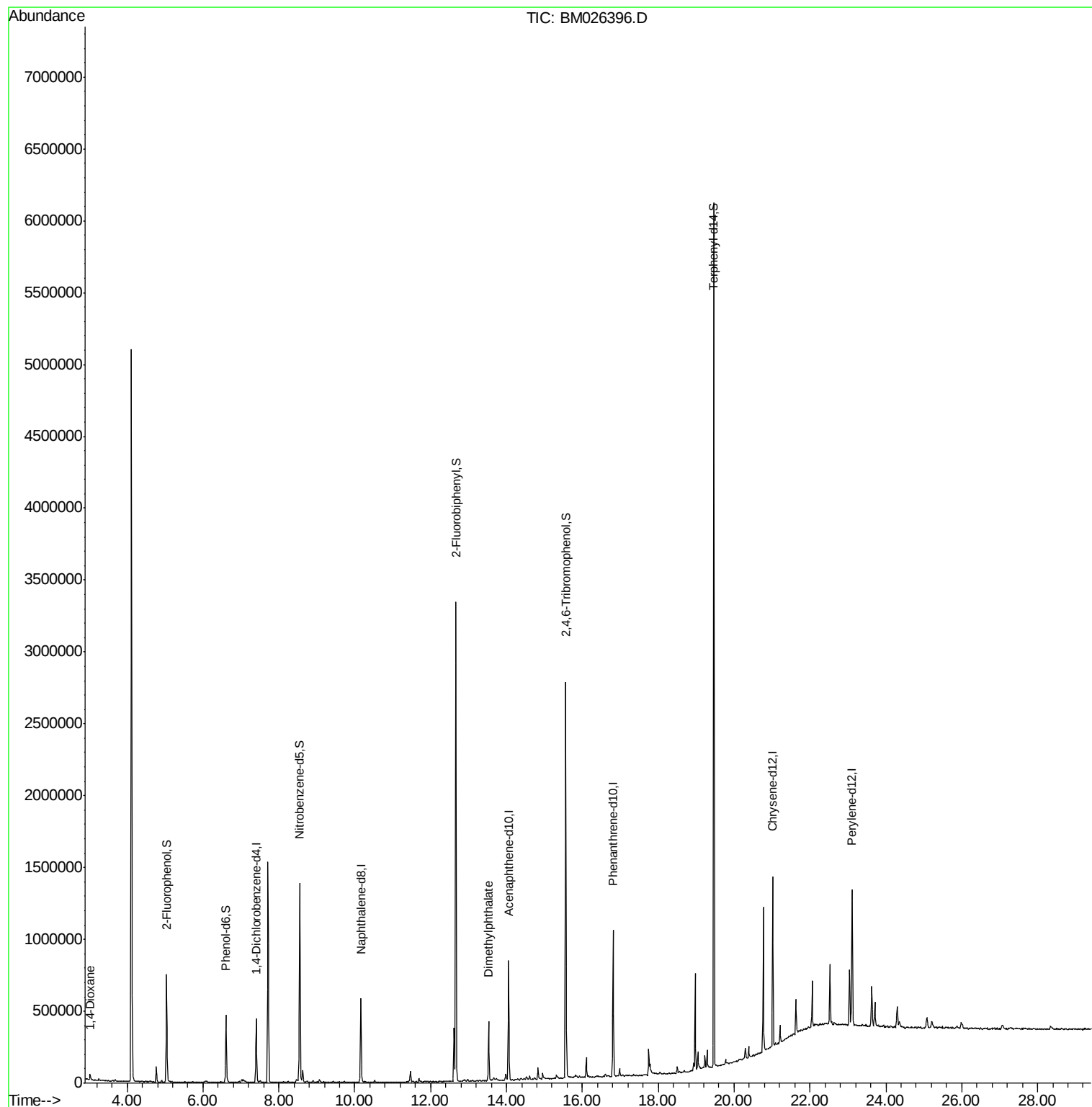
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	102259	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	416209	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	251017	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	533762	20.00	ng	0.00
76) Chrysene-d12	21.02	240	551167	20.00	ng	0.00
86) Perylene-d12	23.11	264	589398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	272710	47.15	ng	0.00
7) Phenol-d6	6.61	99	234764	28.03	ng	0.00
23) Nitrobenzene-d5	8.55	82	734977	86.70	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	440386	144.83	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1580299	95.56	ng	0.00
79) Terphenyl-d14	19.47	244	2634789	92.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.02	88	18550	7.114	ng	90
50) Dimethylphthalate	13.53	163	233943	12.742	ng	99

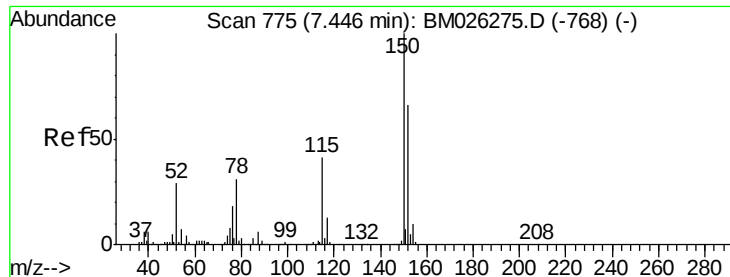
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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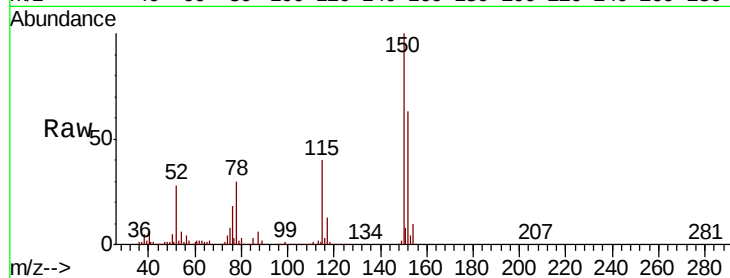


#1

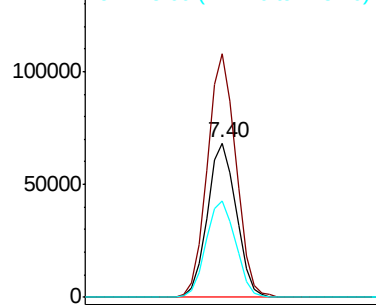
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

Instrument :
BNA_M
ClientSampleId :
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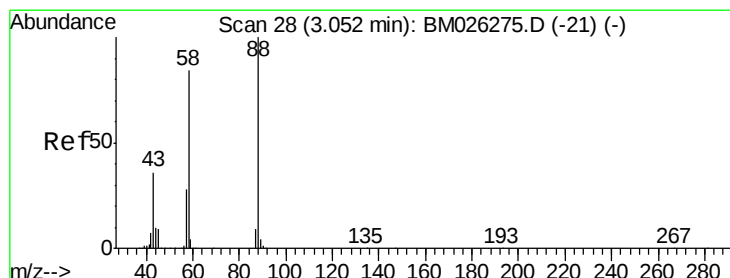
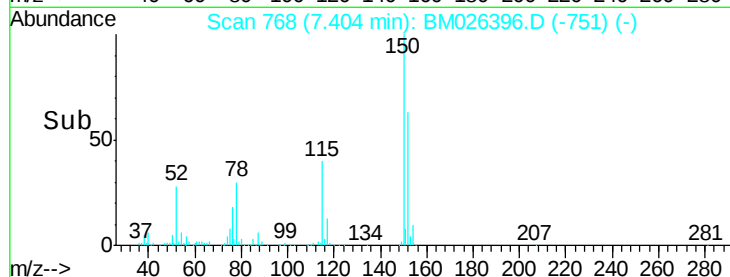
Tot Ion	152	Resp	102259
Ion Ratio	Lower	Upper	
152	100		
150	157.8	127.8	191.6
115	62.5	51.5	77.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



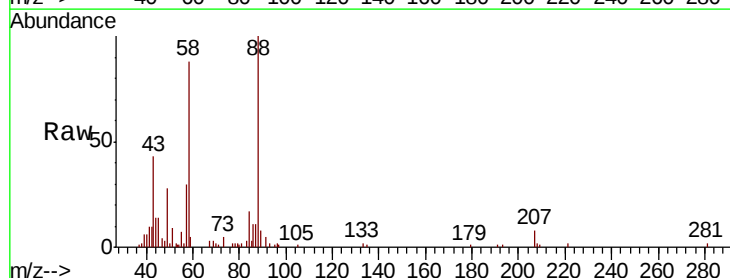
Time-->



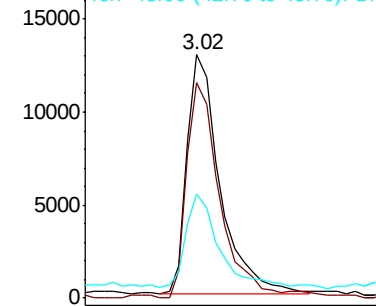
#2

1,4-Dioxane
Concen: 7.114 ng
RT: 3.02 min Scan# 23
Delta R.T. 0.01 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

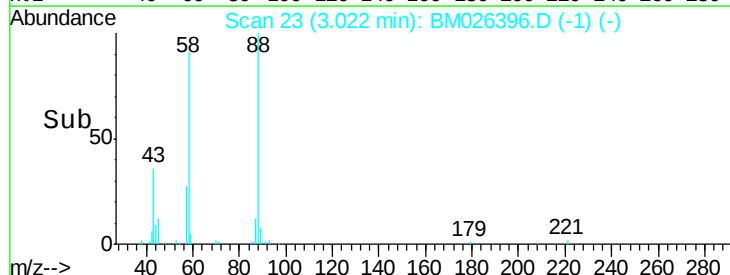
Tgt Ion	88	Resp	18550
Ion Ratio	Lower	Upper	
88	100		
58	94.0	67.7	101.5
43	39.6	28.0	42.0

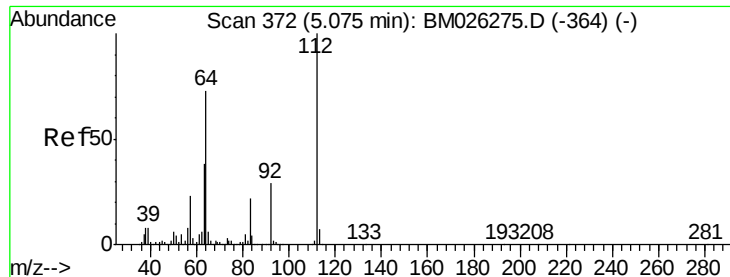


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





#5

2-Fluorophenol

Concen: 47.151 ng

RT: 5.04 min Scan# 366

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

Instrument :

BNA_M

ClientSampleId :

LF017MW001-200611

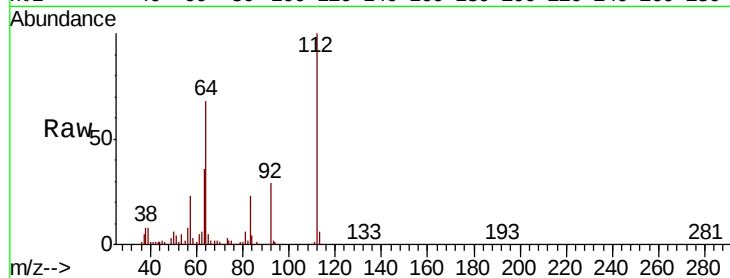
Tot Ion:112 Resp: 272710

Ion Ratio Lower Upper

112 100

64 68.3 56.0 84.0

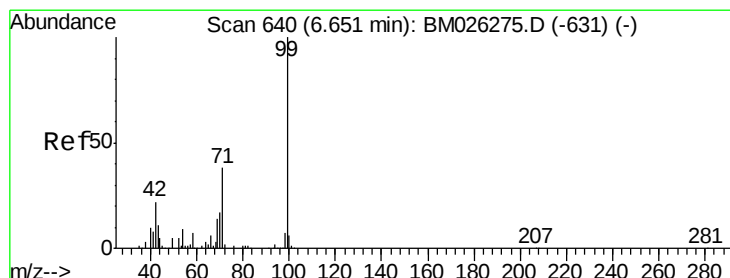
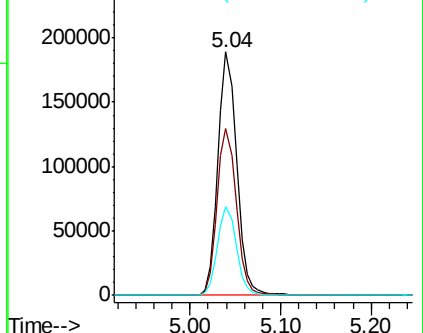
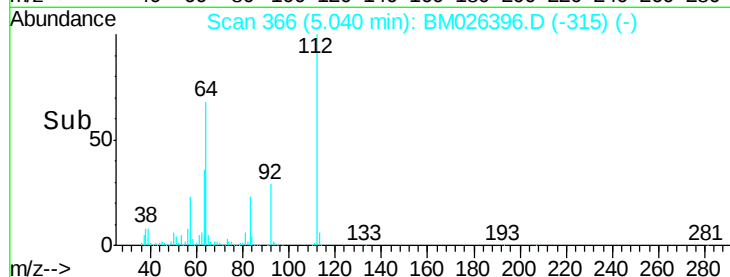
63 36.5 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 28.031 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

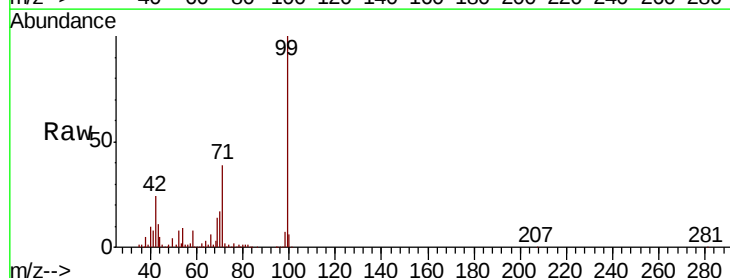
Tgt Ion: 99 Resp: 234764

Ion Ratio Lower Upper

99 100

42 23.8 17.8 26.6

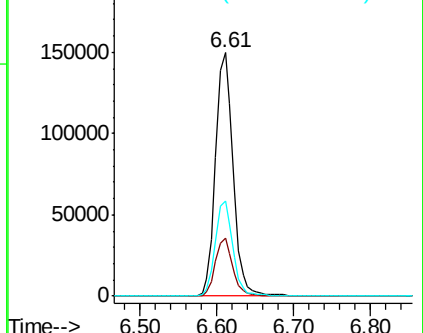
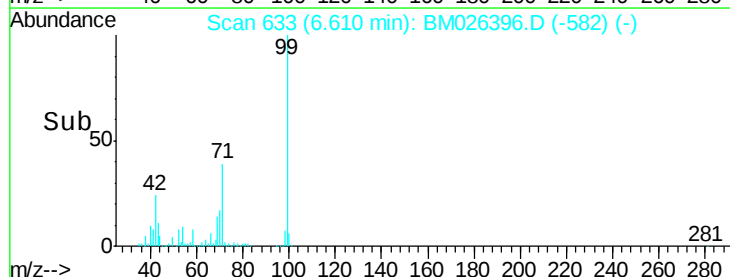
71 39.0 31.0 46.4

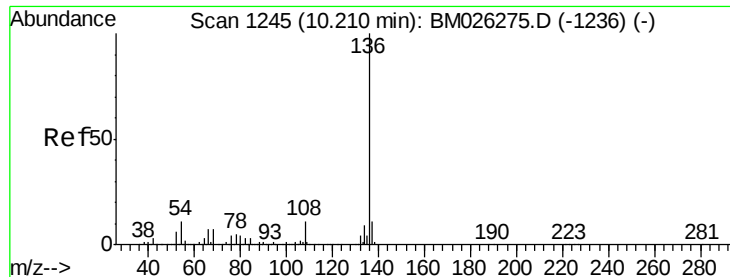


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

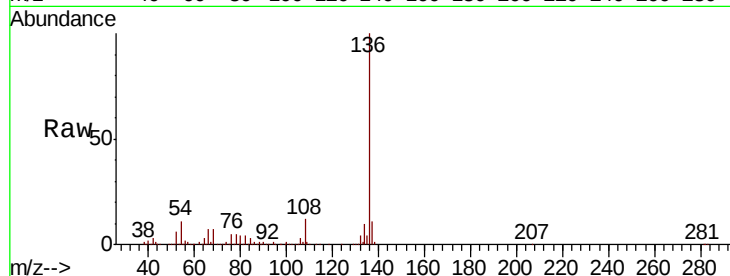




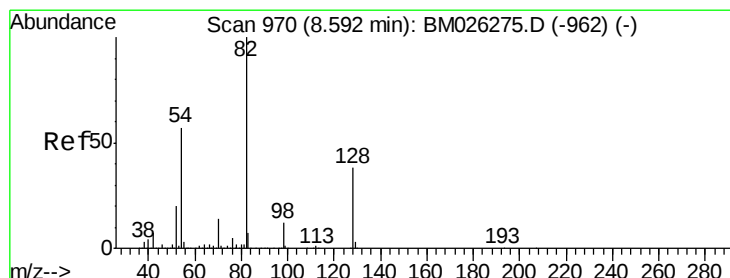
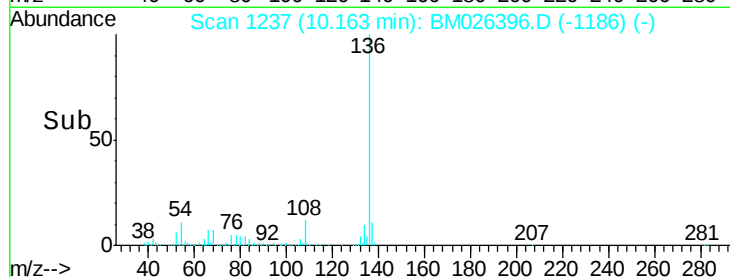
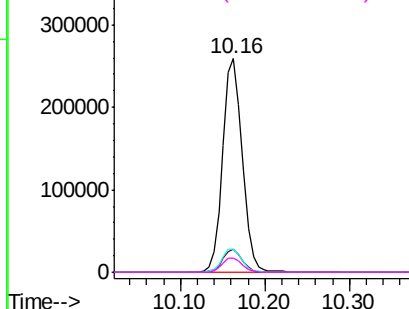
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

Instrument :
BNA_M
ClientSampleId :
LF017MW001-200611

Tot Ion:136	Resp:	416209	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.5	12.7	
54 11.1	9.0	13.6	
68 6.9	5.6	8.4	

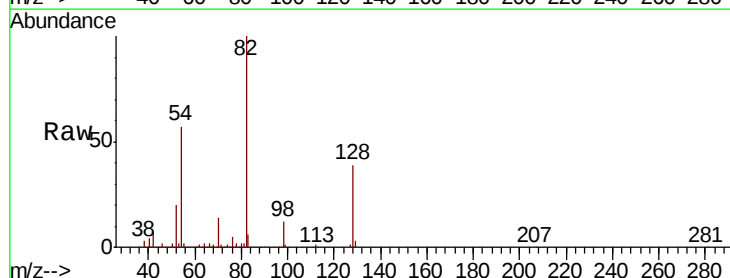


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

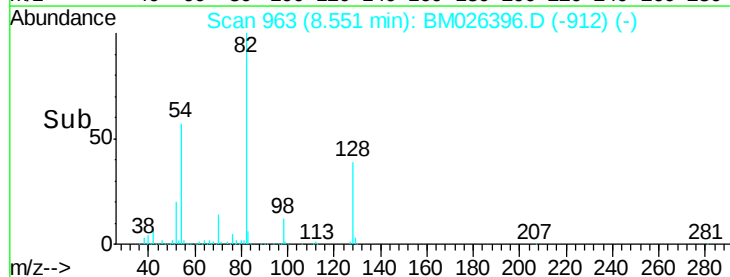
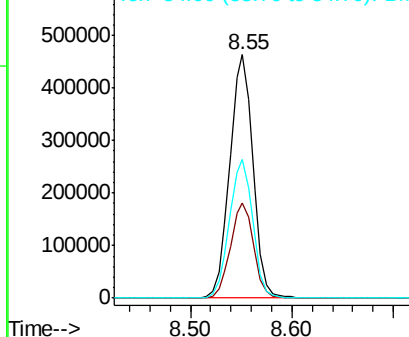


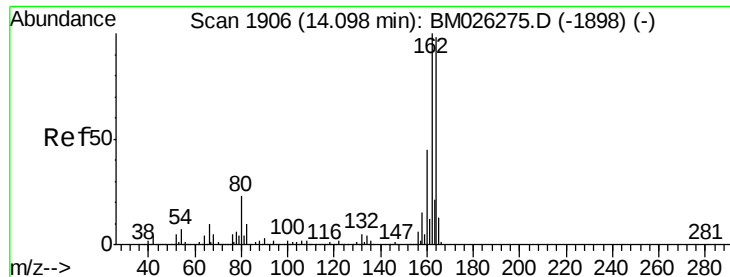
#23
Nitrobenzene-d5
Concen: 86.705 ng
RT: 8.55 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

Tgt	Ion: 82	Resp:	734977
Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.0	46.6
54	56.7	45.4	68.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

Instrument :

BNA_M

ClientSampleId :

LF017MW001-200611

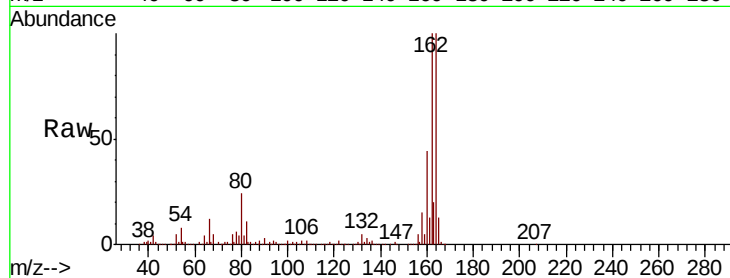
Tot Ion:164 Resp: 251017

Ion Ratio Lower Upper

164 100

162 100.1 77.7 116.5

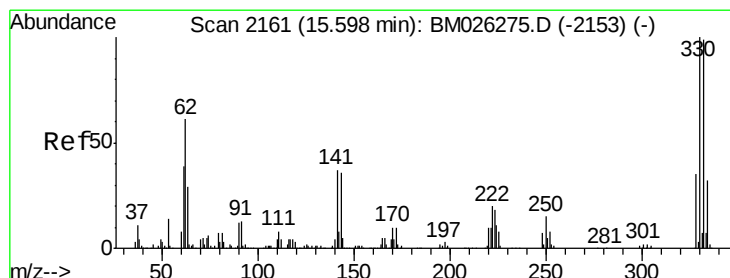
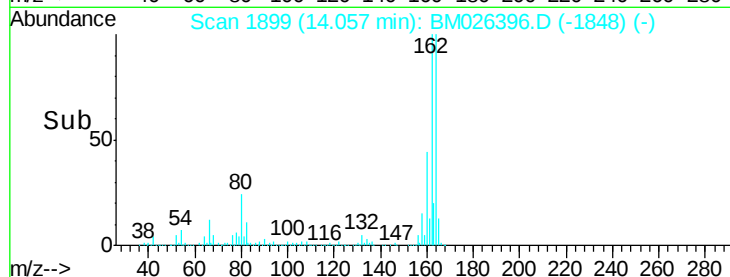
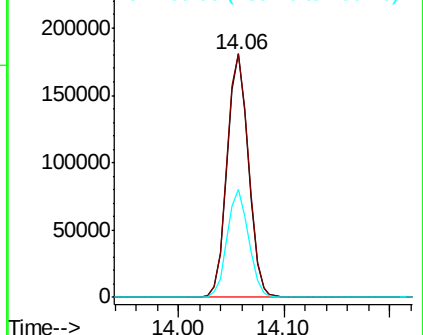
160 44.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 144.831 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

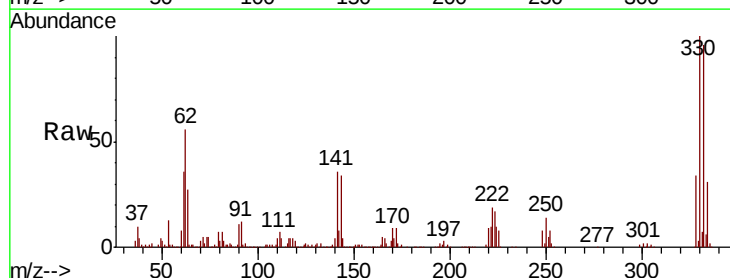
Tgt Ion:330 Resp: 440386

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

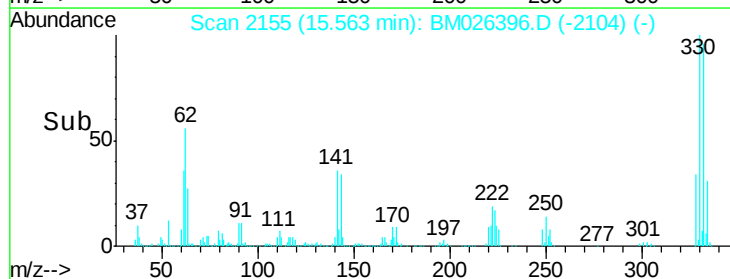
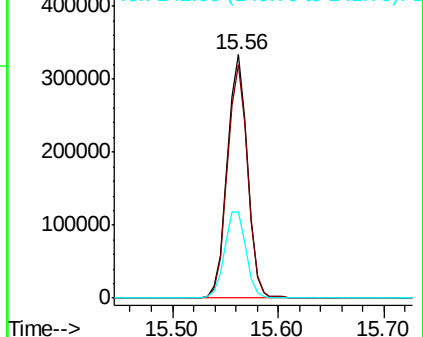
141 37.8 29.7 44.5

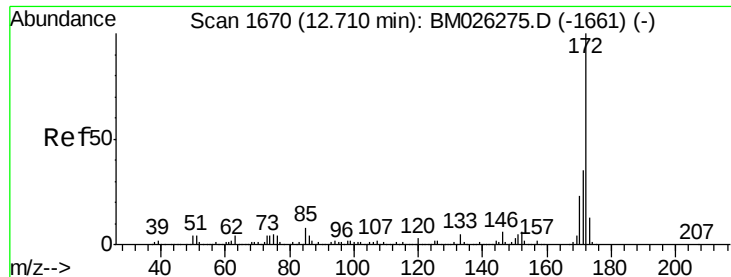


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

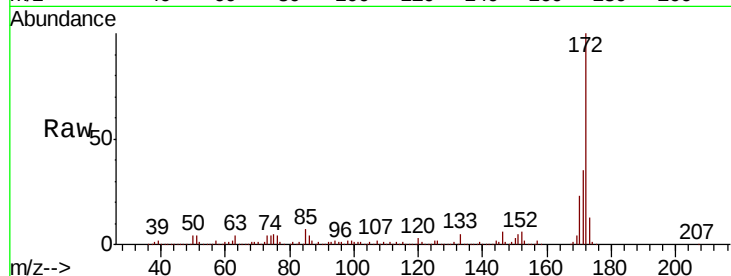




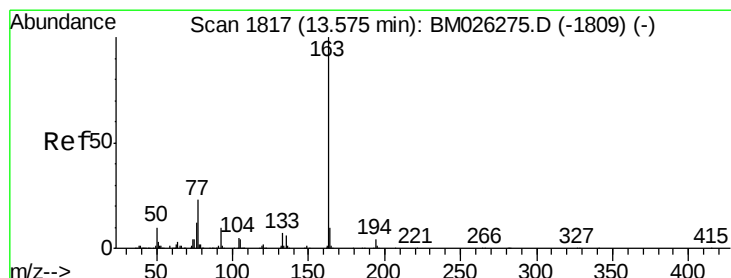
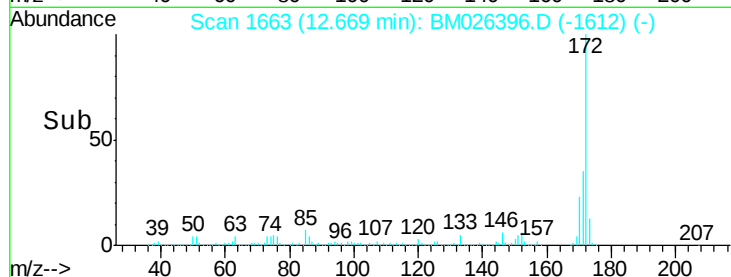
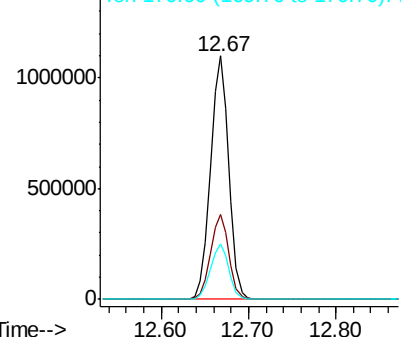
#45
2-Fluorobiphenyl
Concen: 95.565 ng
RT: 12.67 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

Instrument :
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Tot Ion:172 Resp: 1580299
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.8 18.2 27.4

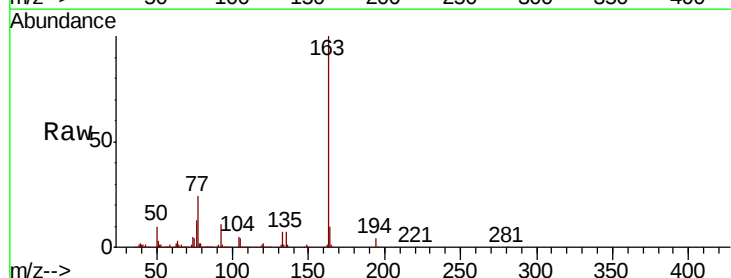


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

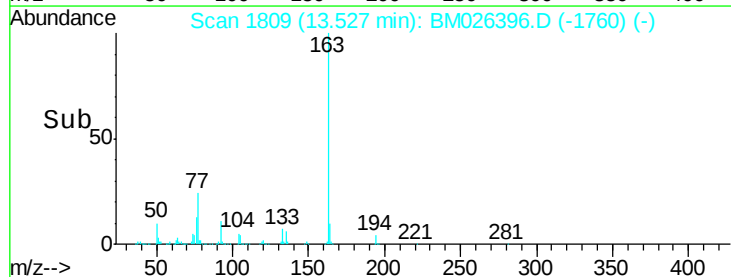
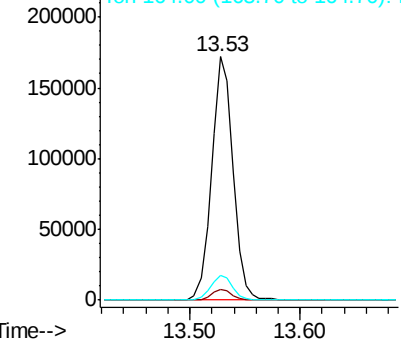


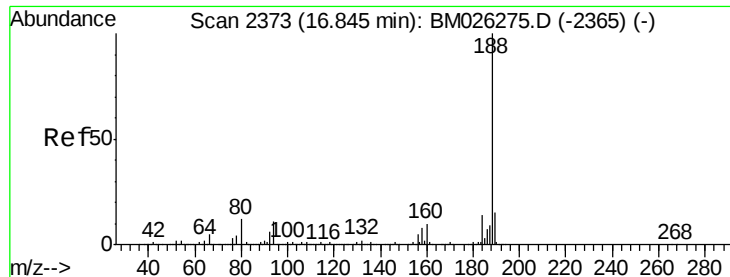
#50
Dimethylphthalate
Concen: 12.742 ng
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM026396.D
Acq: 15 Jun 2020 17:56

Tgt Ion:163 Resp: 233943
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.81 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

Instrument :

BNA_M

ClientSampleId :

LF017MW001-200611

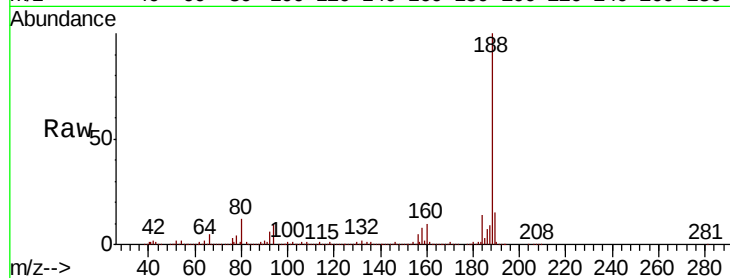
Tot Ion:188 Resp: 533762

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

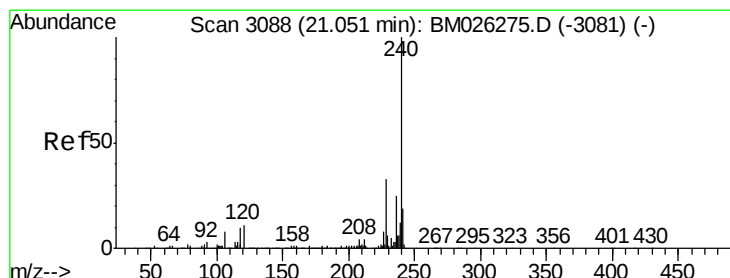
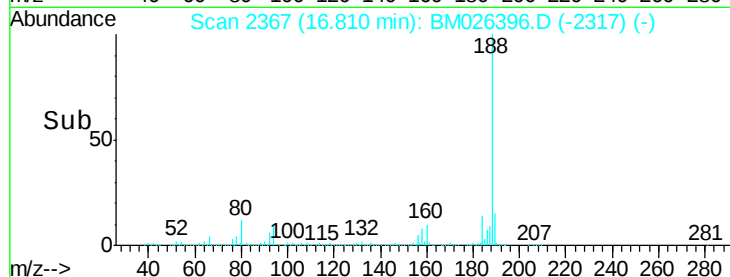
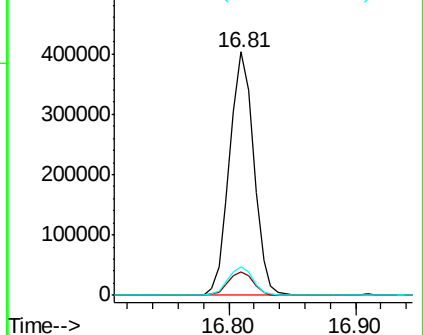
80 11.7 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

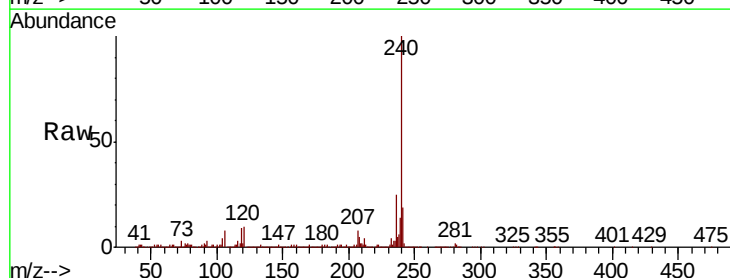
Tgt Ion:240 Resp: 551167

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

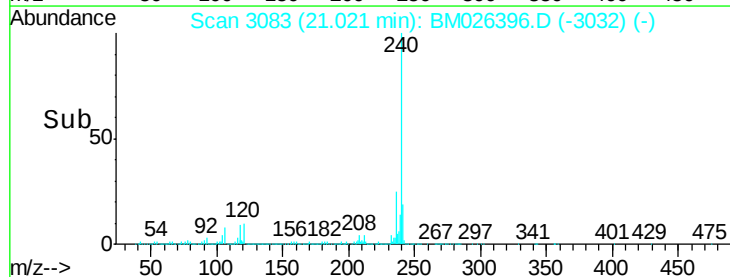
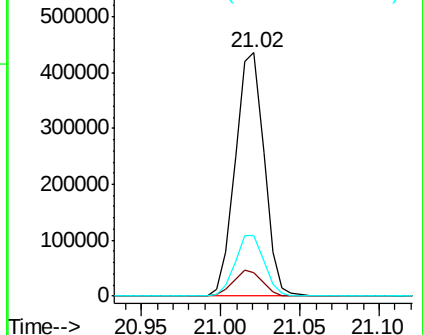
236 25.0 19.4 29.0

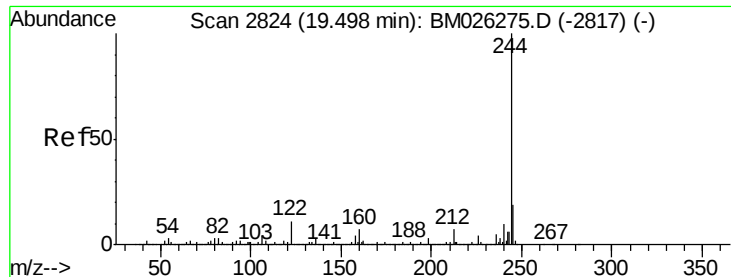


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.796 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

Instrument :

BNA_M

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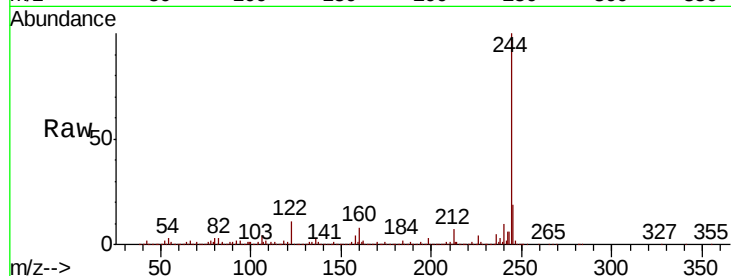
Tot Ion:244 Resp: 2634789

Ion Ratio Lower Upper

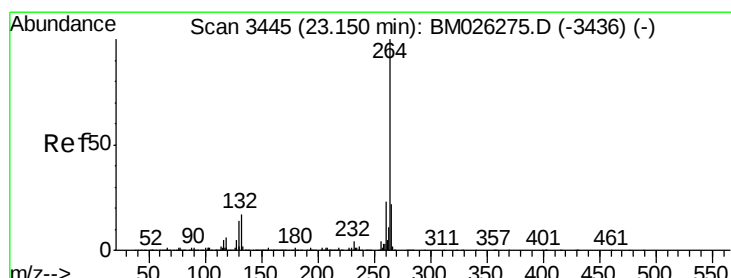
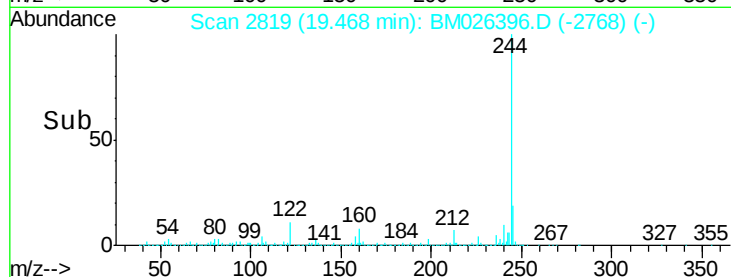
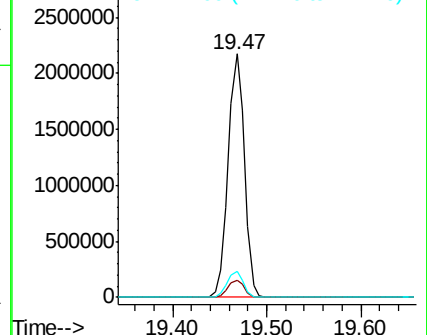
244 100

212 7.2 5.9 8.9

122 10.9 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM026396.D

Acq: 15 Jun 2020 17:56

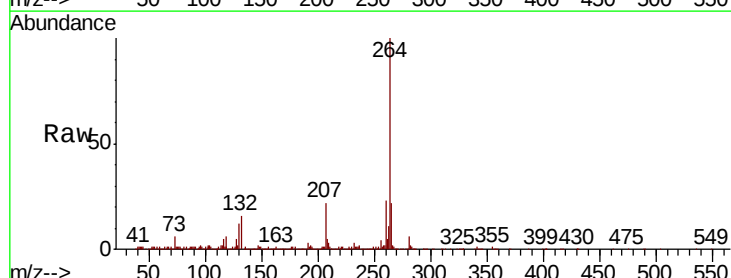
Tgt Ion:264 Resp: 589398

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 21.9 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

