

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020225.D
 Acq On : 09 May 2019 19:51
 Operator : JU/SJ
 Sample : K2678-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:43:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

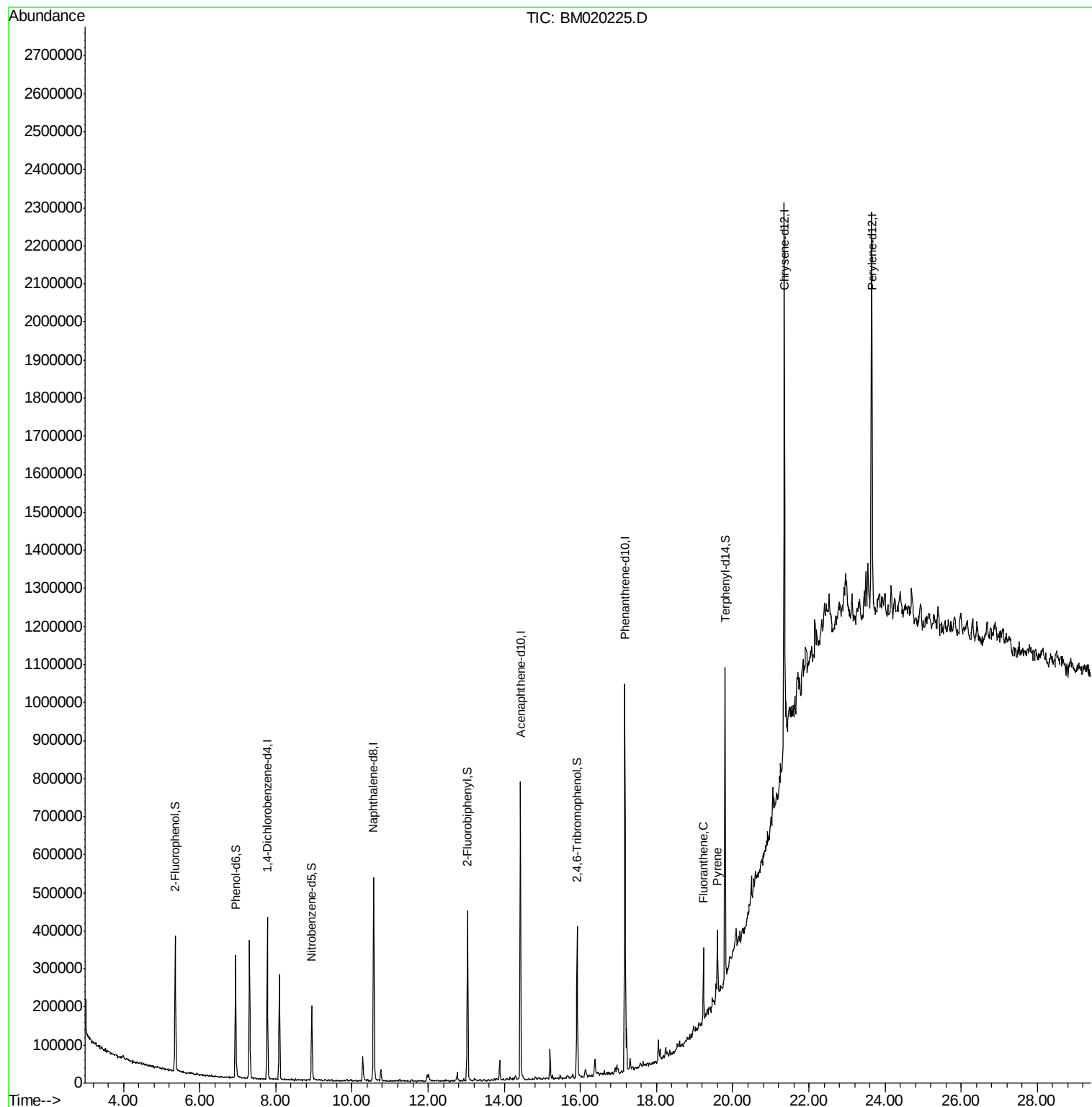
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	113966	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	417133	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	250682	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	602197	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	644428	20.00	ng	-0.01
87) Perylene-d12	23.65	264	797925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	139969	20.08	ng	-0.01
7) Phenol-d6	6.95	99	186831	19.61	ng	0.00
23) Nitrobenzene-d5	8.95	82	131612	12.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	77273	19.86	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	234719	11.52	ng	-0.02
79) Terphenyl-d14	19.80	244	387609	10.49	ng	-0.01
Target Compounds						
75) Fluoranthene	19.23	202	118661	2.821	ng	98
78) Pyrene	19.59	202	111142	2.569	ng	97

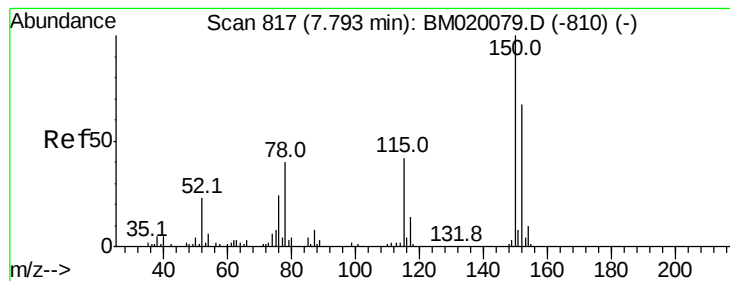
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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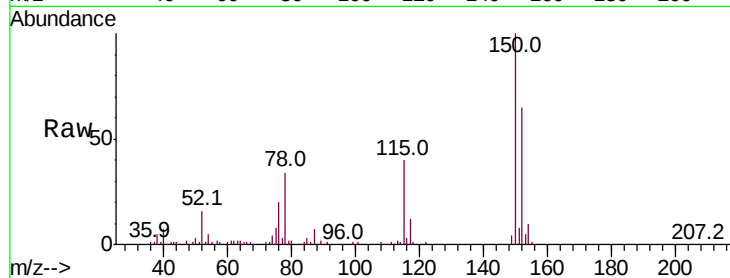


#1

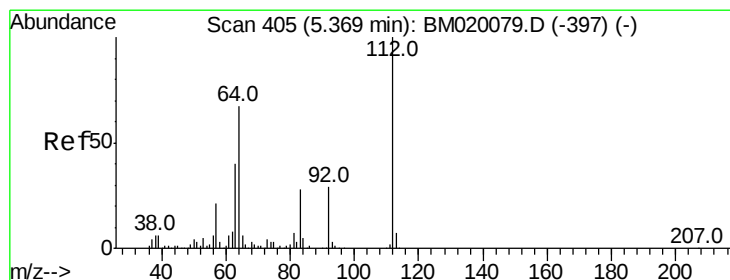
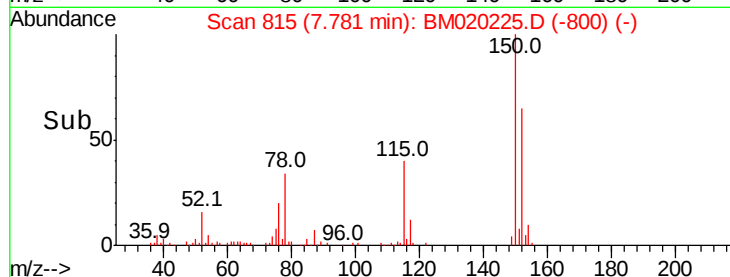
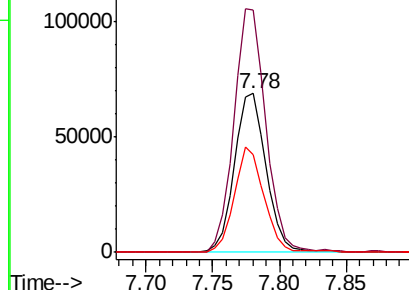
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.8	179.8
115	61.4	50.8	76.2



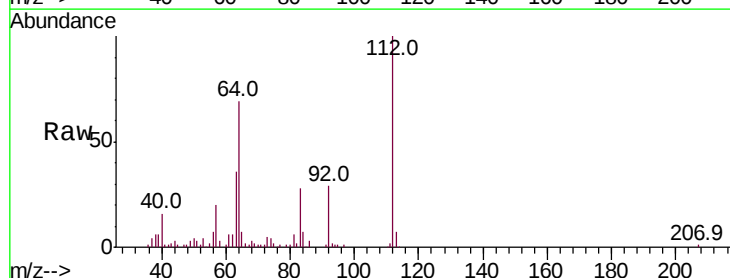
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



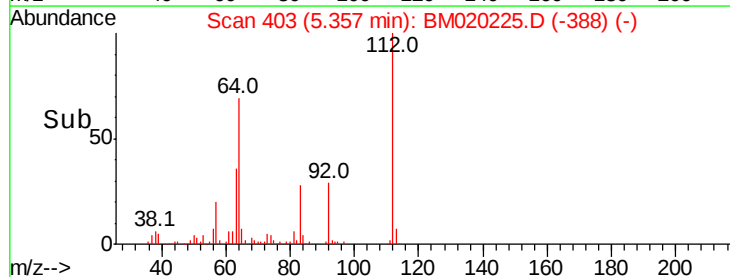
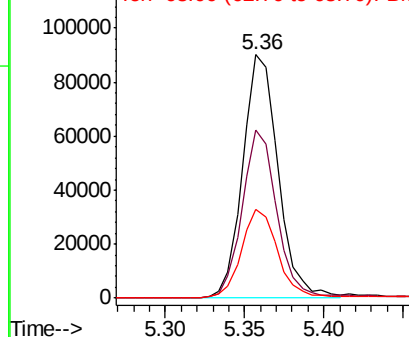
#5

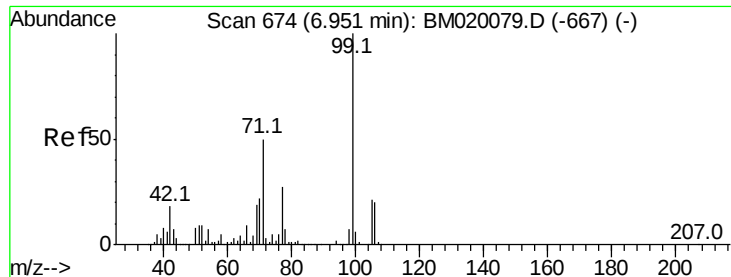
2-Fluorophenol
Concen: 20.075 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.8	80.6
63	36.2	32.3	48.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 19.615 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020225.D

Acq: 09 May 2019 19:51

Instrument :

BNA_M

ClientSampled :

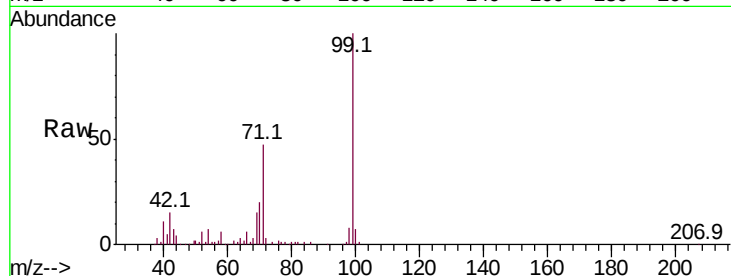
Tot Ion: 99 Resp: 186831

Ion Ratio Lower Upper

99 100

42 15.2 14.2 21.2

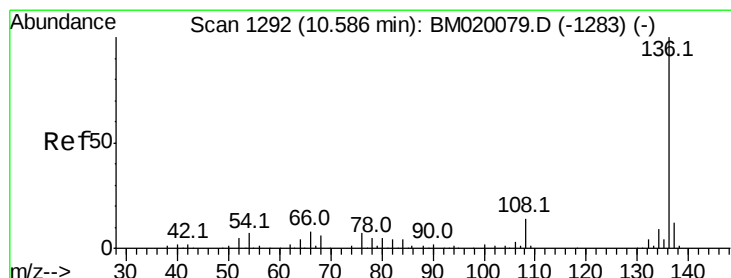
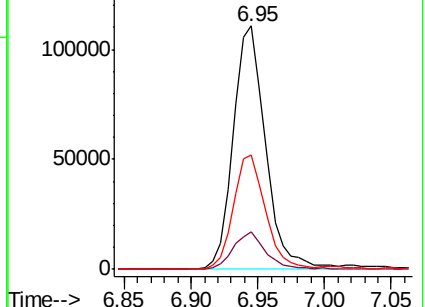
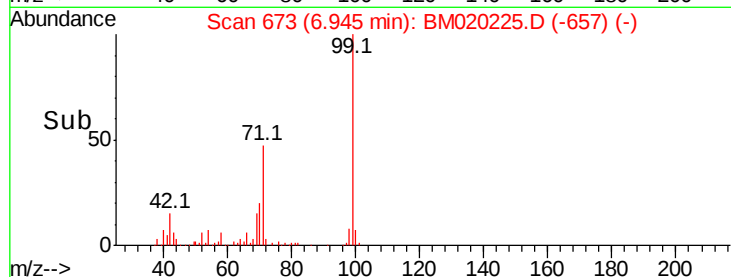
71 46.8 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020225.D

Acq: 09 May 2019 19:51

Tgt Ion: 136 Resp: 417133

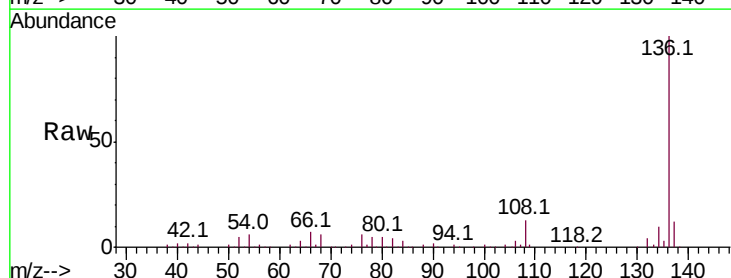
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 6.4 5.5 8.3

68 6.5 4.6 6.8

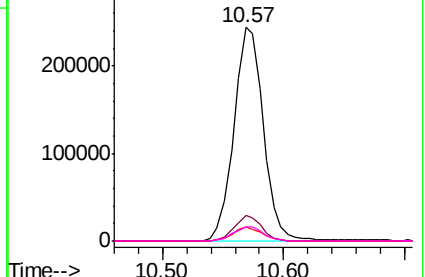
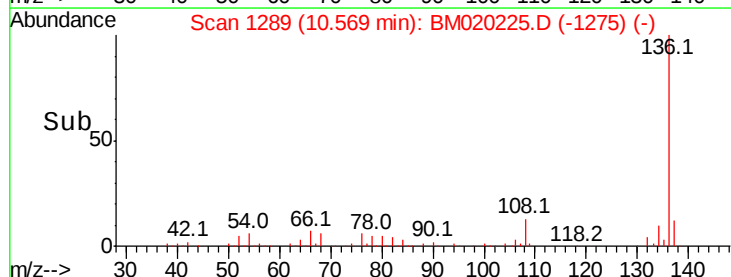


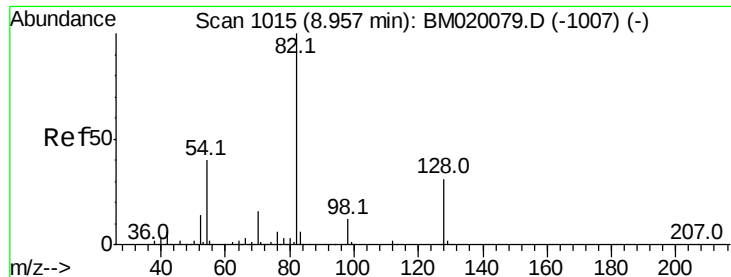
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

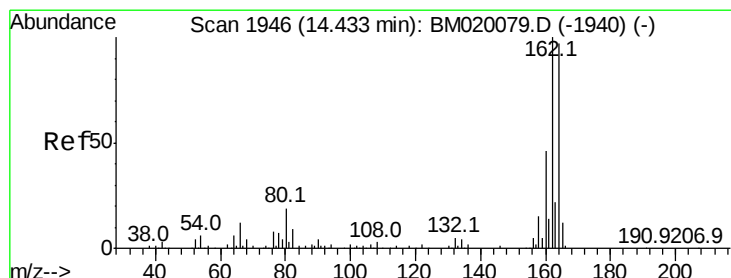
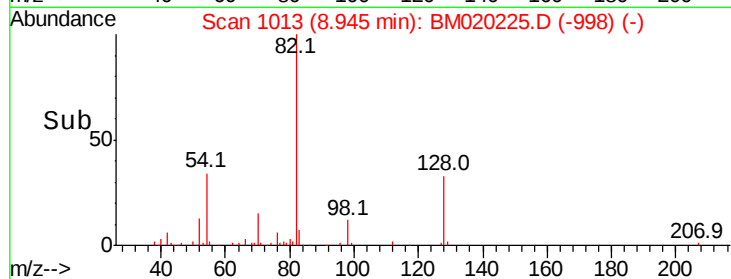
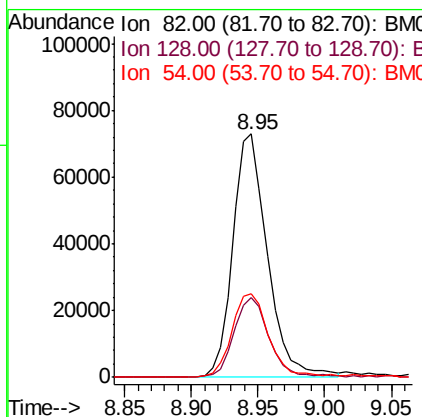
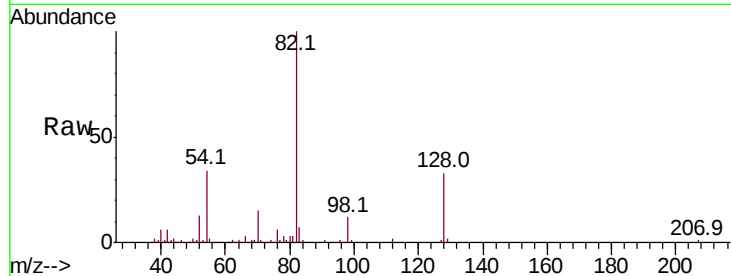




#23
 Nitrobenzene-d5
 Concen: 12.457 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020225.D
 Acq: 09 May 2019 19:51

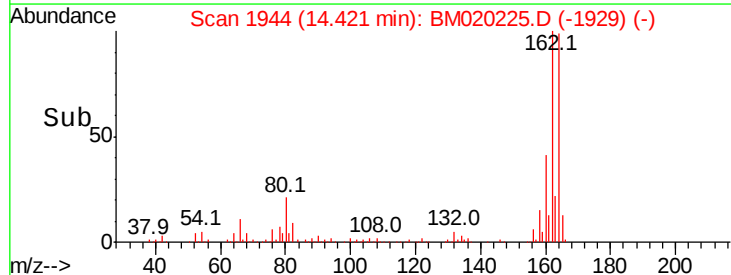
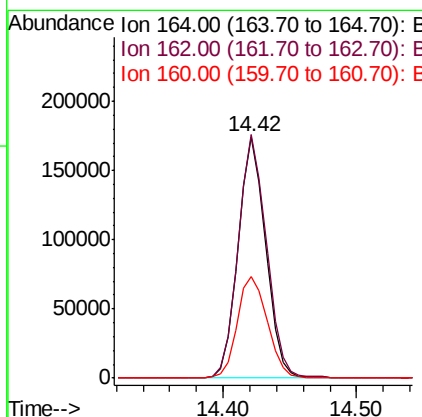
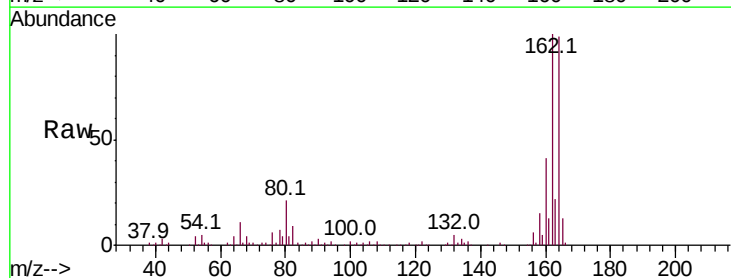
Instrument :
 BNA_M
 ClientSampleId :

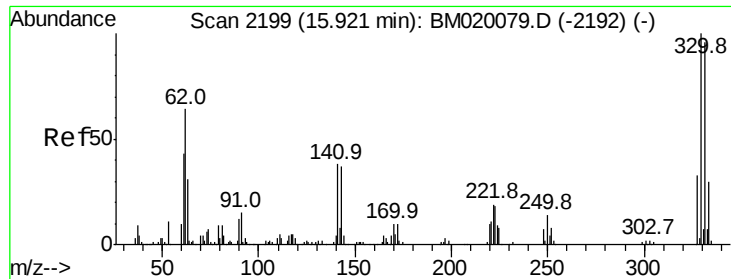
Tot Ion	82	Resp	131612
Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.2	37.8
54	34.5	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM020225.D
 Acq: 09 May 2019 19:51

Tgt Ion	164	Resp	250682
Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	41.8	37.6	56.4

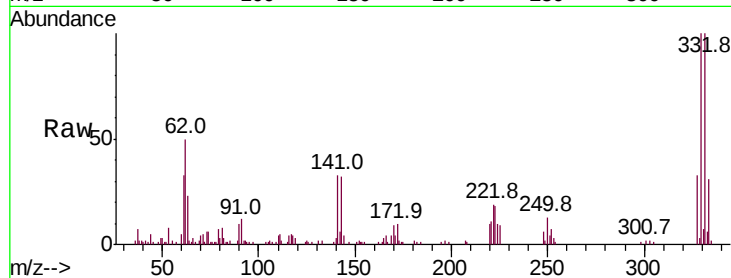




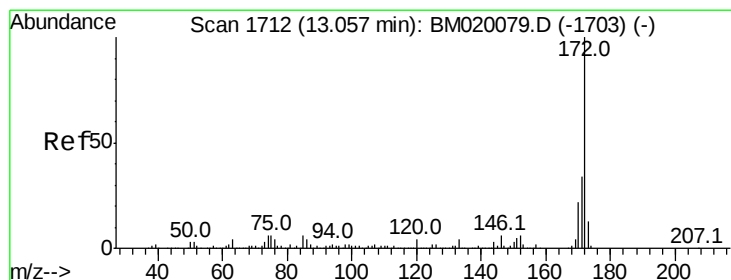
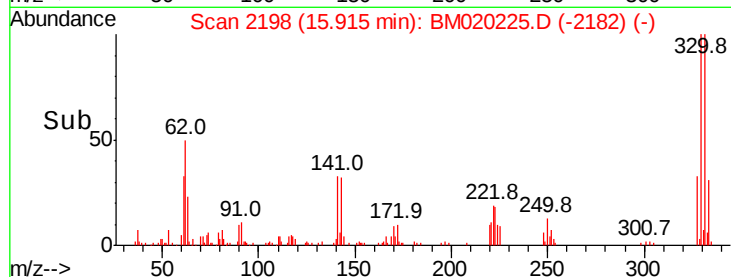
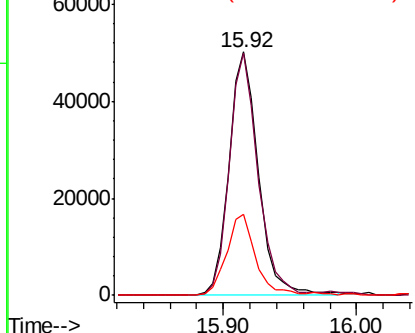
#42
 2,4,6-Tribromophenol
 Concen: 19.859 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020225.D
 Acq: 09 May 2019 19:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 77273
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 32.9 29.2 43.8

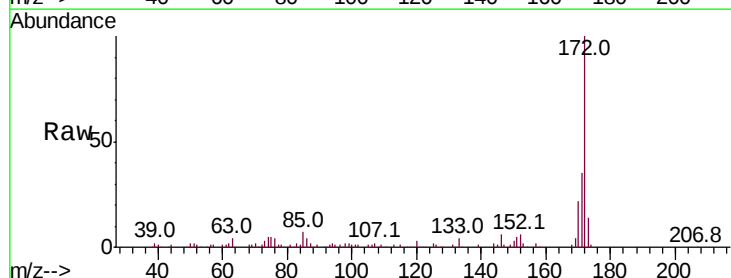


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

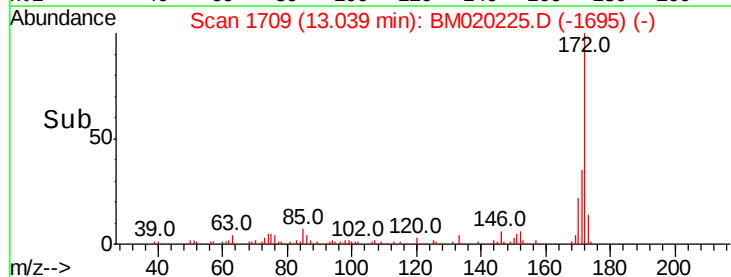
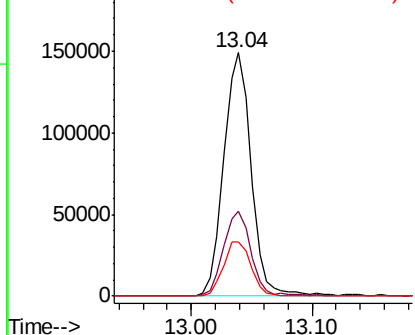


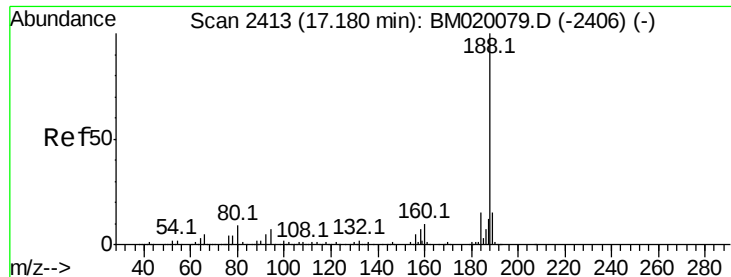
#45
 2-Fluorobiphenyl
 Concen: 11.520 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020225.D
 Acq: 09 May 2019 19:51

Tgt Ion:172 Resp: 234719
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.3 40.9
 170 22.0 17.9 26.9



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

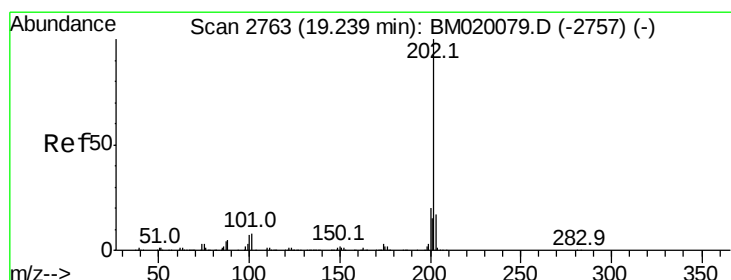
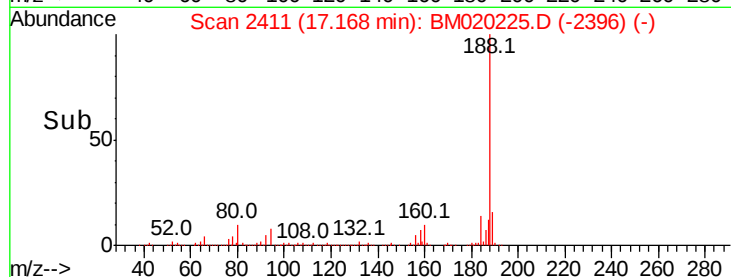
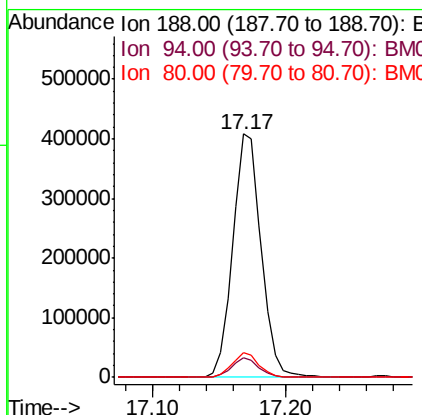
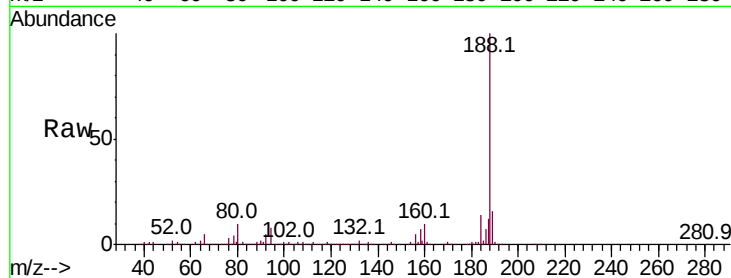




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

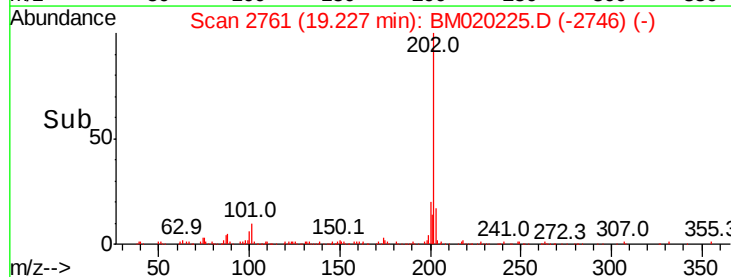
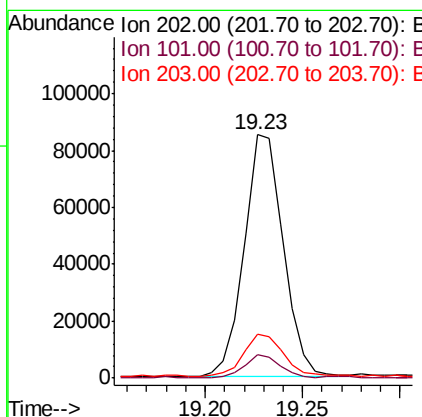
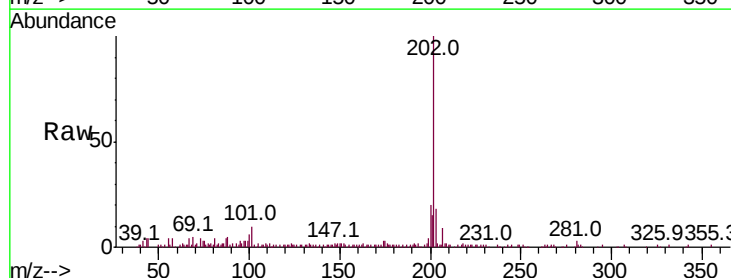
Instrument :
BNA_M
ClientSampled :

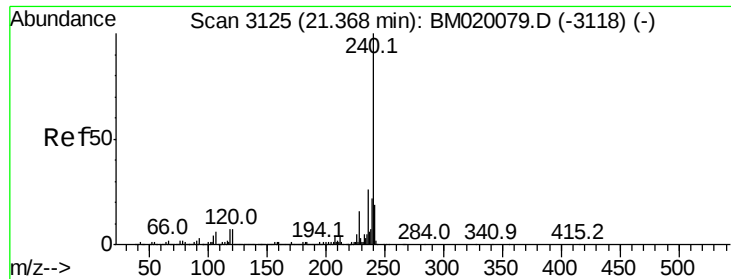
Tot Ion:188 Resp: 602197
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 10.2 7.4 11.2



#75
Fluoranthene
Concen: 2.821 ng
RT: 19.23 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

Tgt Ion:202 Resp: 118661
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.4
203 18.1 0.0 37.4

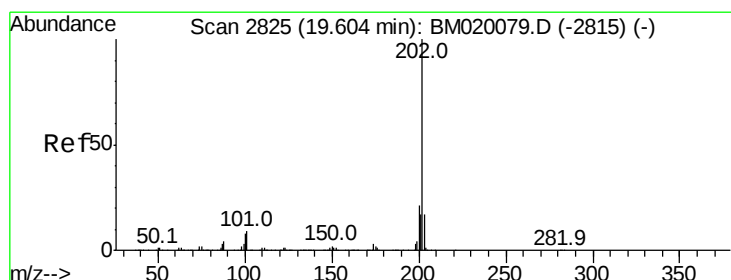
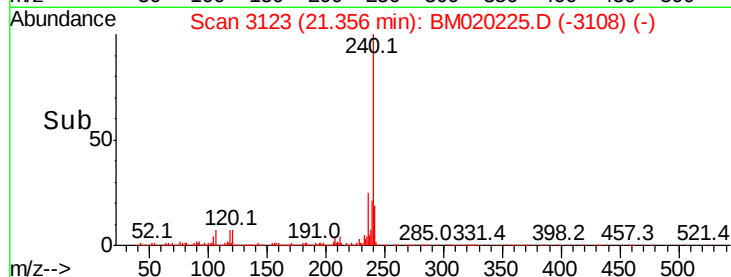
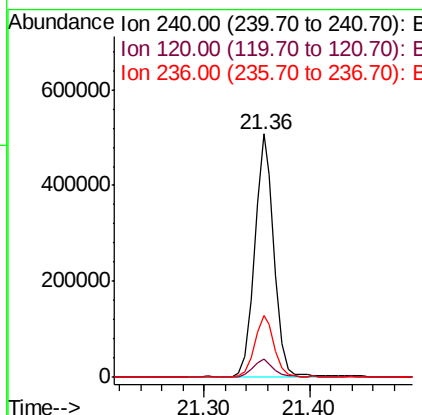
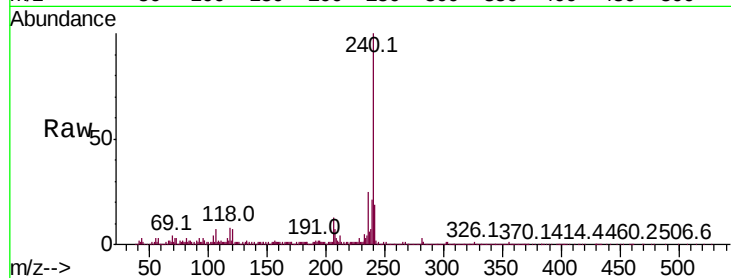




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

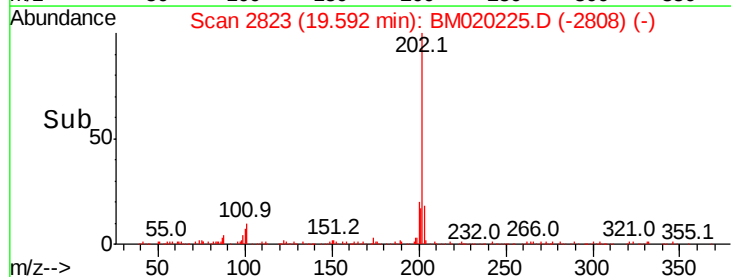
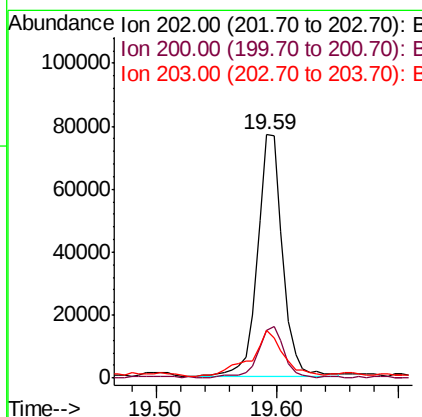
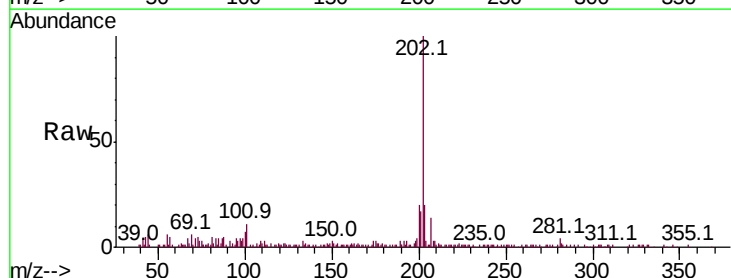
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BNA_M
ClientSampleId :

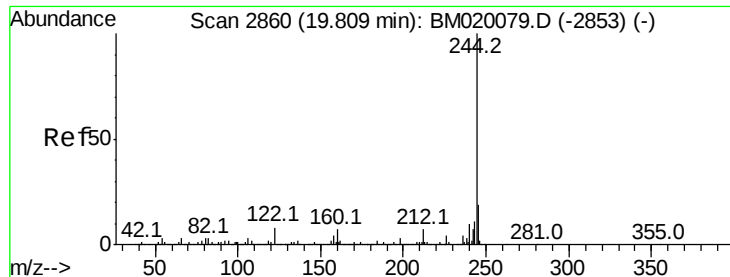
Tot Ion:240 Resp: 644428
Ion Ratio Lower Upper
240 100
120 7.3 5.6 8.4
236 25.4 20.9 31.3



#78
Pyrene
Concen: 2.569 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM020225.D
Acq: 09 May 2019 19:51

Tgt Ion:202 Resp: 111142
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 19.5 13.9 20.9





#79

Terphenyl-d14

Concen: 10.491 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020225.D

Acq: 09 May 2019 19:51

Instrument :

BNA_M

ClientSampleId :

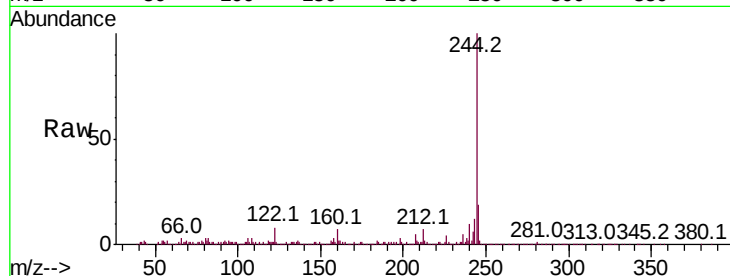
Tot Ion:244 Resp: 387609

Ion Ratio Lower Upper

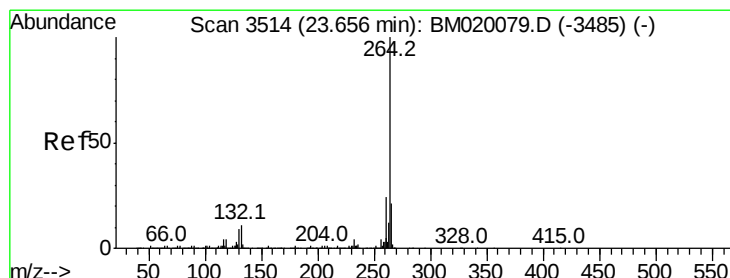
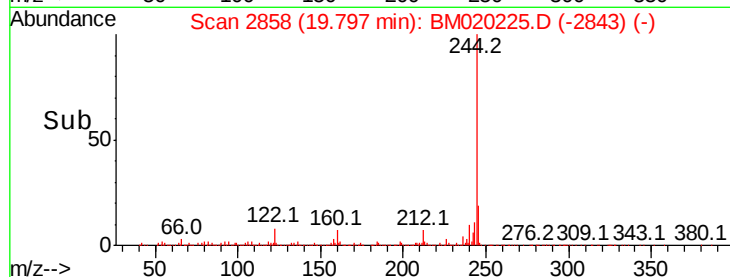
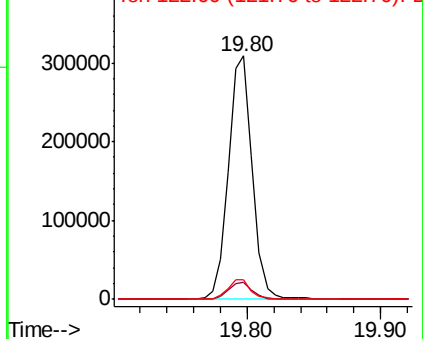
244 100

212 6.8 5.7 8.5

122 7.8 6.2 9.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020225.D

Acq: 09 May 2019 19:51

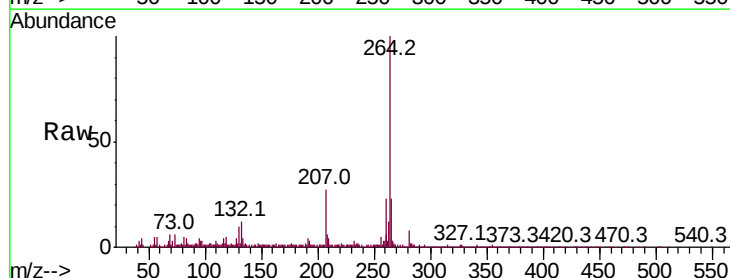
Tgt Ion:264 Resp: 797925

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.7 16.9 25.3



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

