

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082420\
 Data File : BM027206.D
 Acq On : 24 Aug 2020 22:28
 Operator : JU/CG
 Sample : L3734-03RE 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1BRE

Quant Time: Sep 02 14:34:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

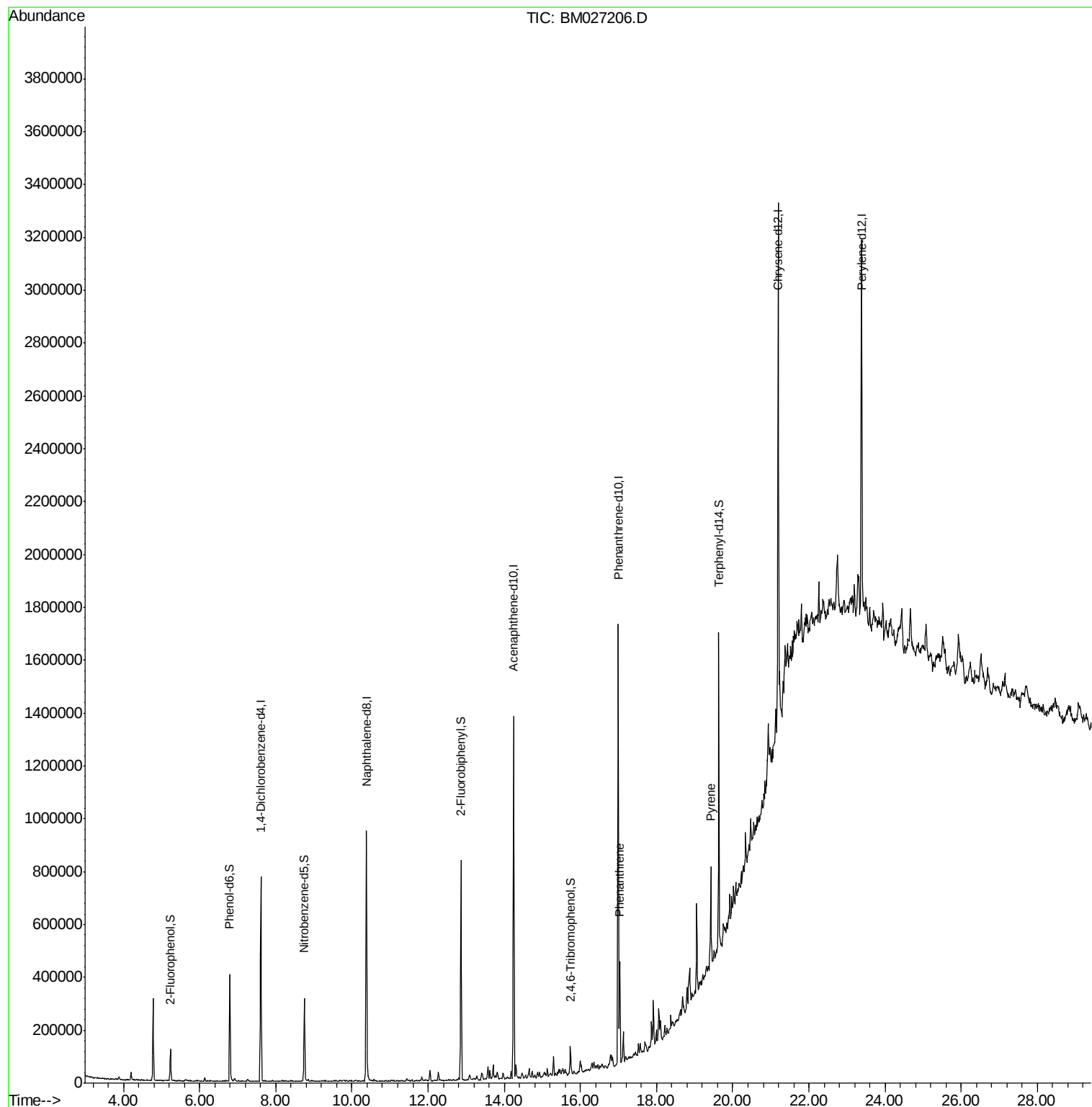
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	199102	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	733695	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	463362	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	961837	20.00	ng	0.00
76) Chrysene-d12	21.19	240	902728	20.00	ng	0.00
86) Perylene-d12	23.39	264	1016801	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	46261	4.53	ng	0.00
7) Phenol-d6	6.79	99	211770	15.10	ng	0.00
23) Nitrobenzene-d5	8.75	82	194870	10.96	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	16524	2.20	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	410553	11.64	ng	0.00
79) Terphenyl-d14	19.63	244	501171	10.37	ng	0.00
Target Compounds						
71) Phenanthrene	17.03	178	221100	4.135	ng	99
78) Pyrene	19.42	202	235361	4.285	ng	100

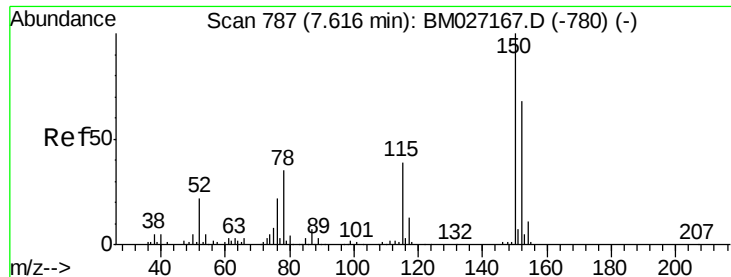
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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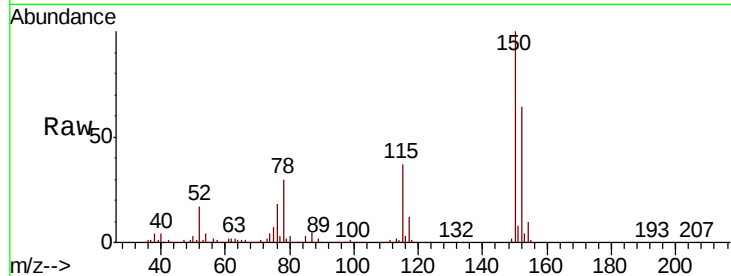


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. 0.01 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1BRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	118.2	177.4
115	58.5	46.1	69.1

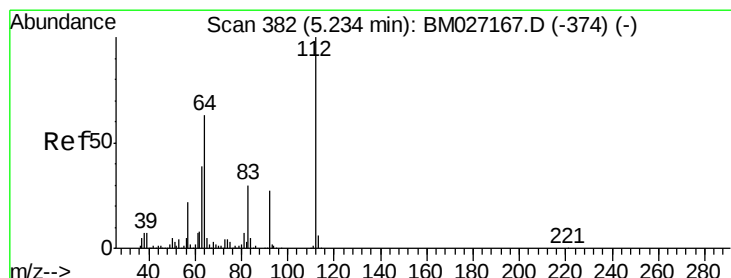
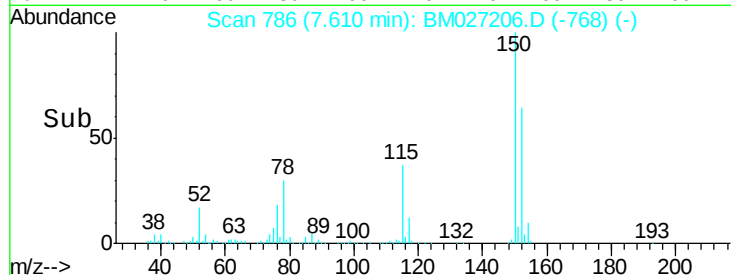
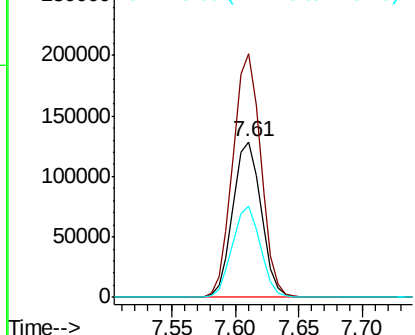


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

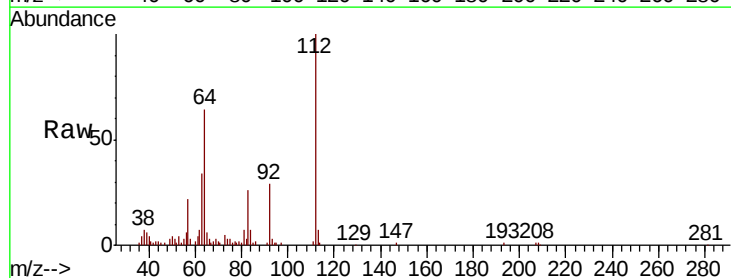
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.530 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.0	75.0
63	33.8	31.6	47.4

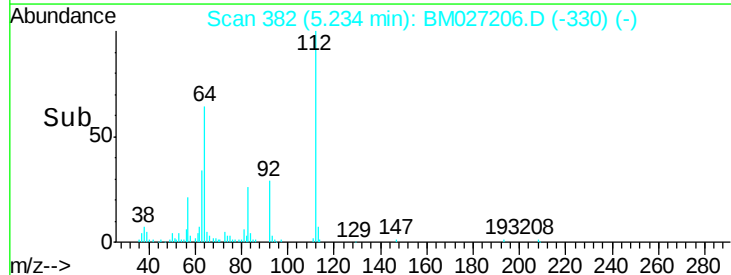
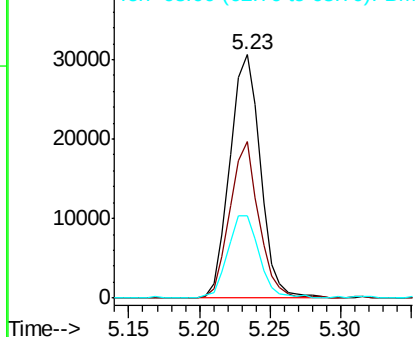


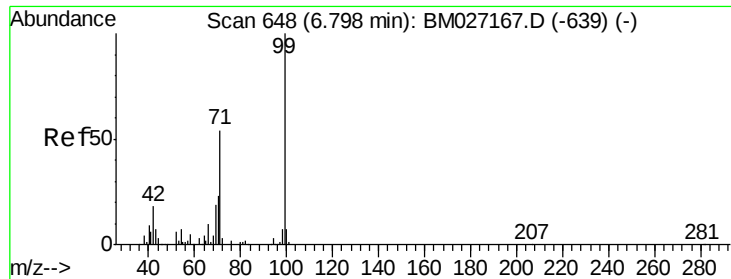
Abundance

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: 15.102 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1BRE

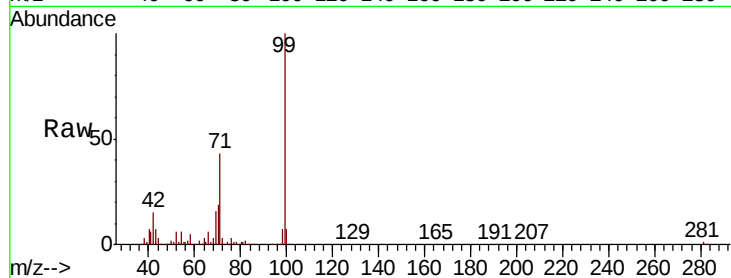
Tot Ion: 99 Resp: 211770

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

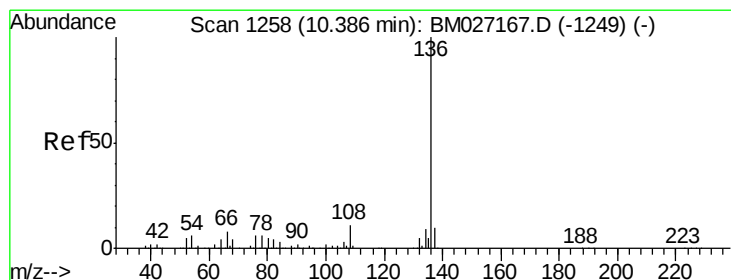
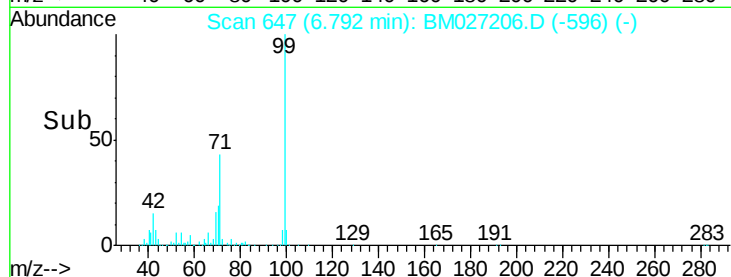
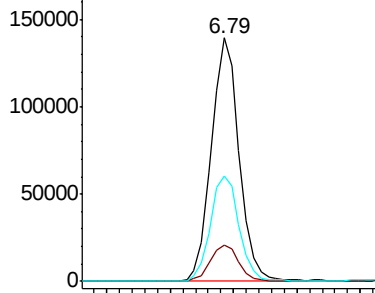
71 43.5 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

Tgt Ion: 136 Resp: 733695

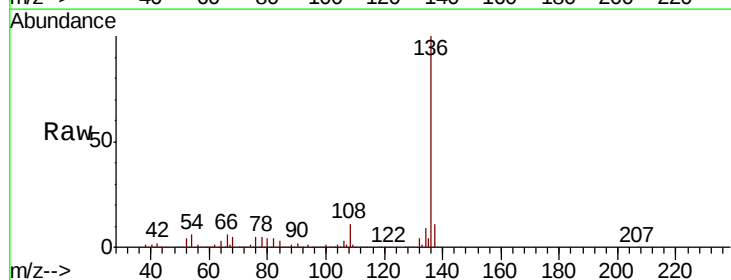
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 5.9 4.8 7.2

68 5.5 3.5 5.3#

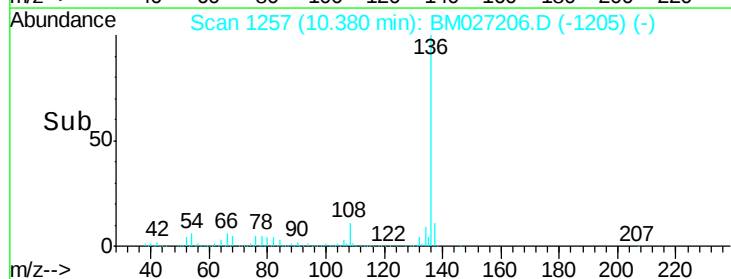
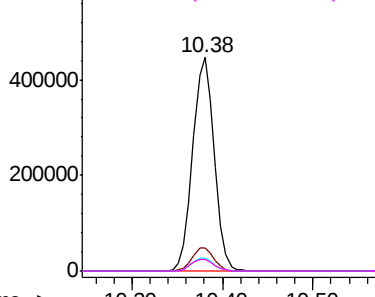


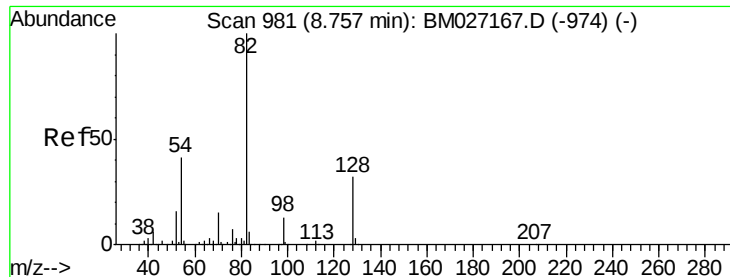
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

Ion 137.00 (136.70 to 137.70): BM027167.D (-1249) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-1249) (-)

Ion 68.00 (67.70 to 68.70): BM027167.D (-1249) (-)





#23

Nitrobenzene-d5

Concen: 10.958 ng

RT: 8.75 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1BRE

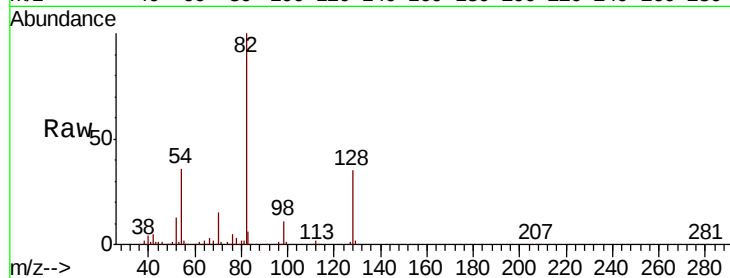
Tot Ion: 82 Resp: 194870

Ion Ratio Lower Upper

82 100

128 34.7 25.7 38.5

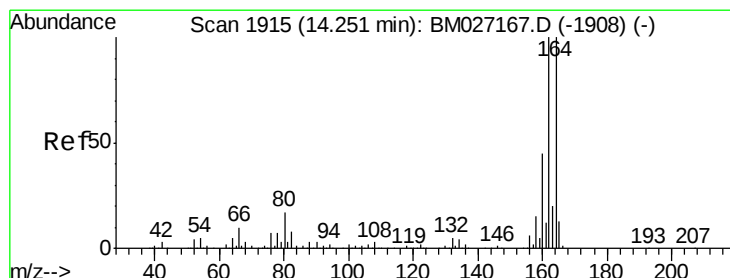
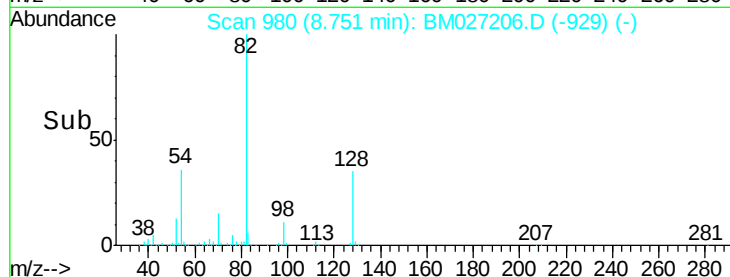
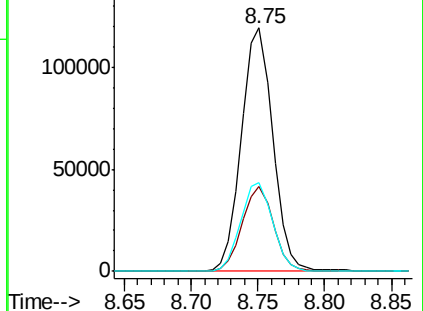
54 36.4 33.0 49.4



Abundance Ion 82.00 (81.70 to 82.70): BM027206.D (-929) (-)

Ion 128.00 (127.70 to 128.70): BM027206.D (-929) (-)

Ion 54.00 (53.70 to 54.70): BM027206.D (-929) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

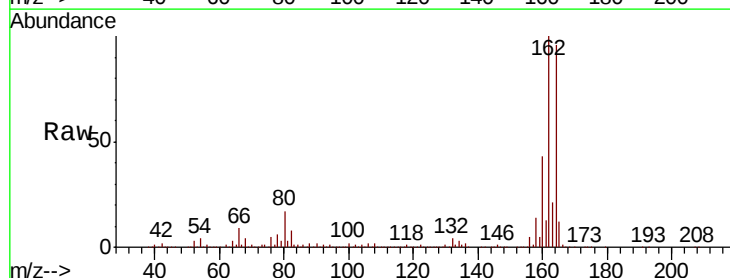
Tgt Ion: 164 Resp: 463362

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.4

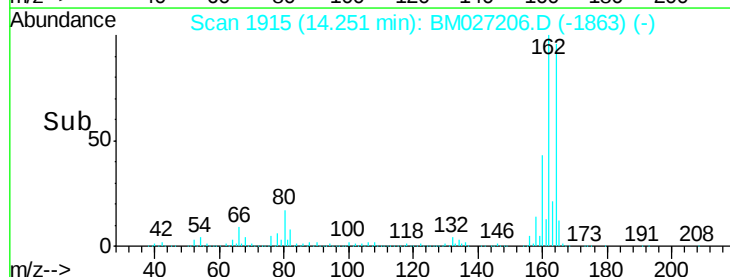
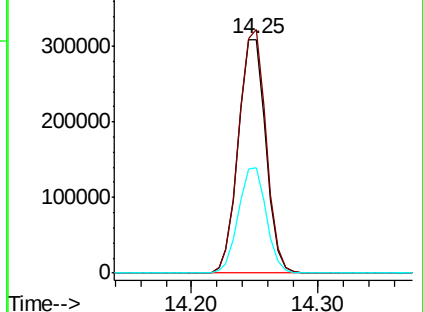
160 45.2 36.3 54.5

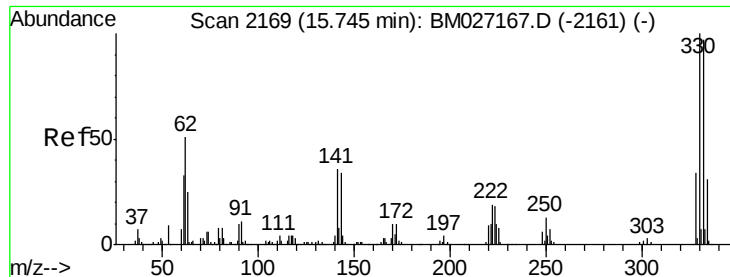


Abundance Ion 164.00 (163.70 to 164.70): BM027206.D (-1863) (-)

Ion 162.00 (161.70 to 162.70): BM027206.D (-1863) (-)

Ion 160.00 (159.70 to 160.70): BM027206.D (-1863) (-)

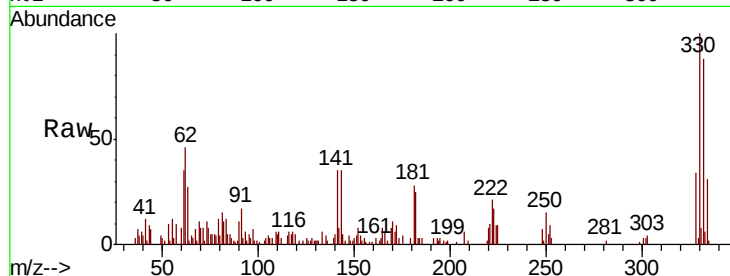




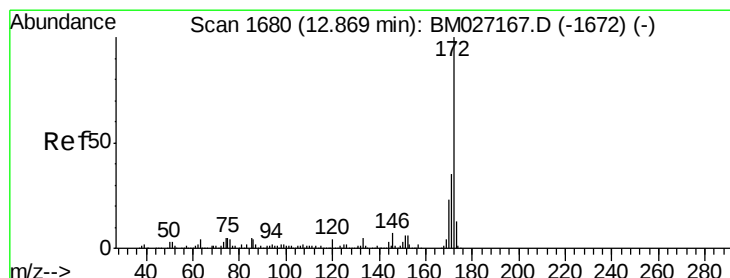
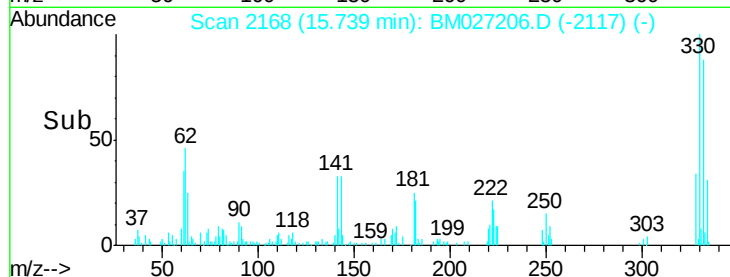
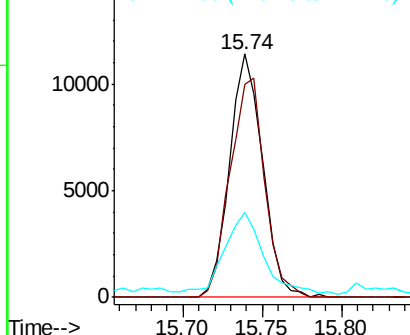
#42
 2,4,6-Tribromophenol
 Concen: 2.202 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BM027206.D
 Acq: 24 Aug 2020 22:28

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1BRE

Tot Ion:330 Resp: 16524
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.2 115.8
 141 39.1 31.0 46.6

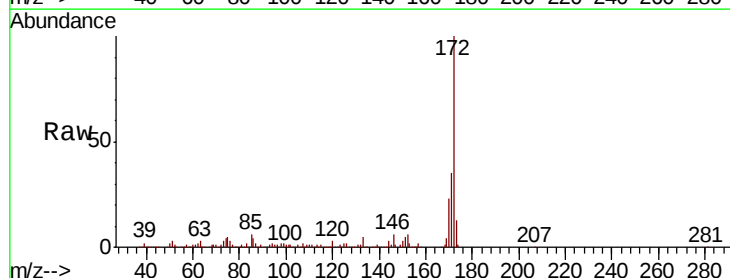


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

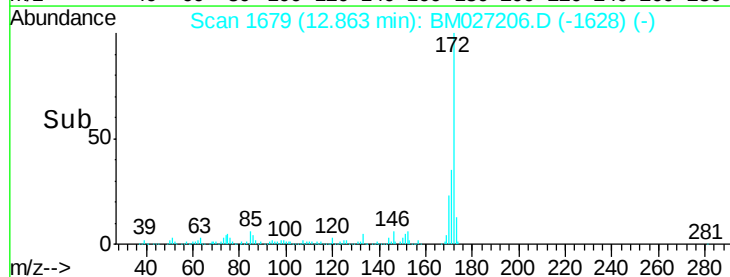
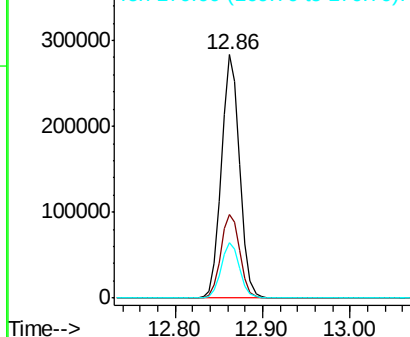


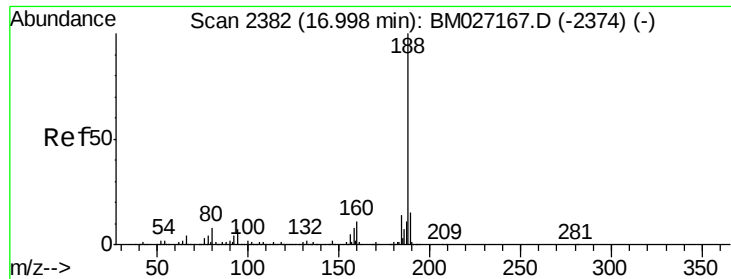
#45
 2-Fluorobiphenyl
 Concen: 11.639 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027206.D
 Acq: 24 Aug 2020 22:28

Tgt Ion:172 Resp: 410553
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.1 42.1
 170 23.0 18.6 28.0



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

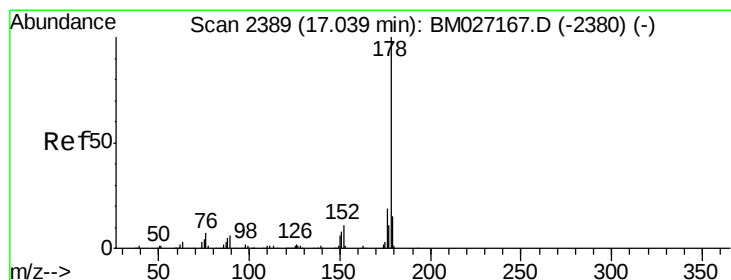
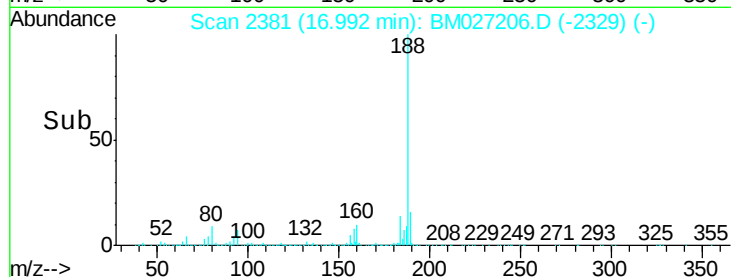
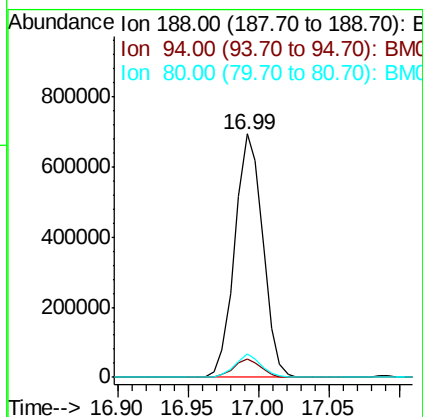
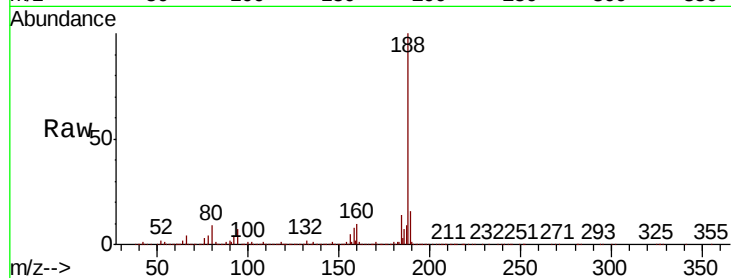




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

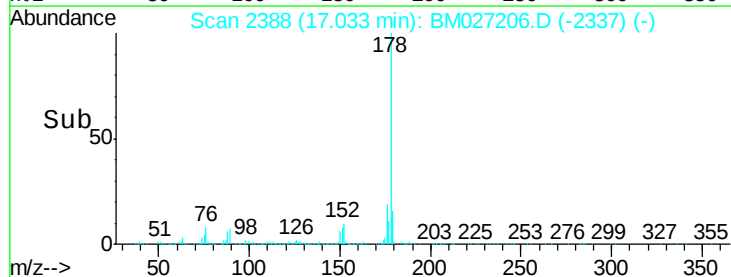
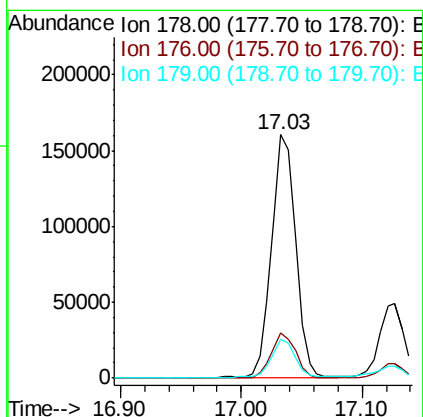
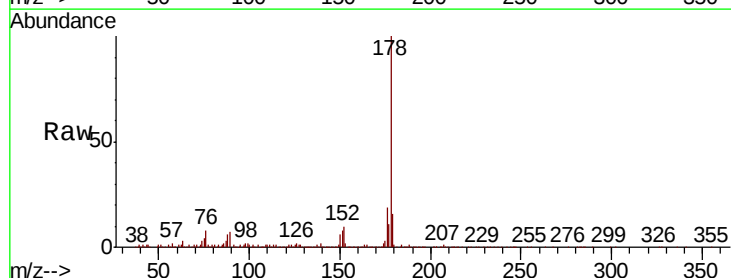
Instrument :
BNA_M
ClientSampleId :
ERO-C-BF-1BRE

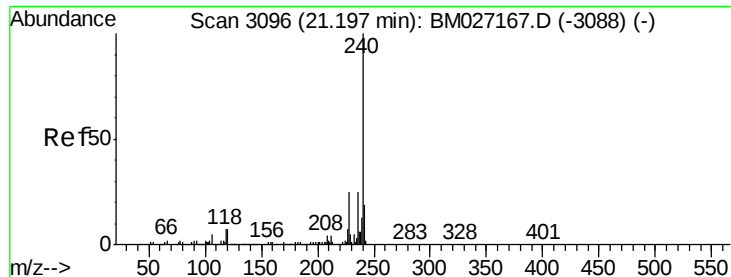
Tot Ion:188 Resp: 961837
Ion Ratio Lower Upper
188 100
94 7.3 5.5 8.3
80 9.4 6.2 9.4#



#71
Phenanthrene
Concen: 4.135 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

Tgt Ion:178 Resp: 221100
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.8 12.0 18.0

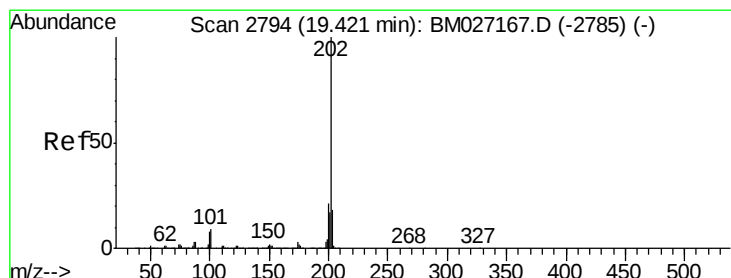
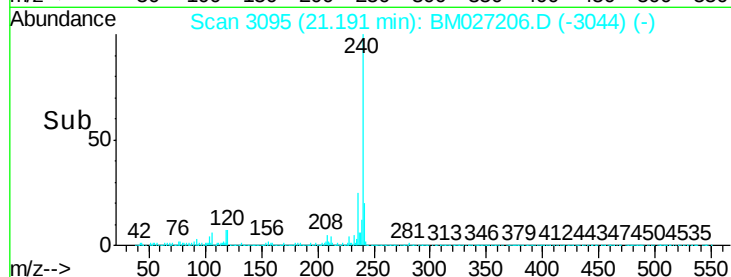
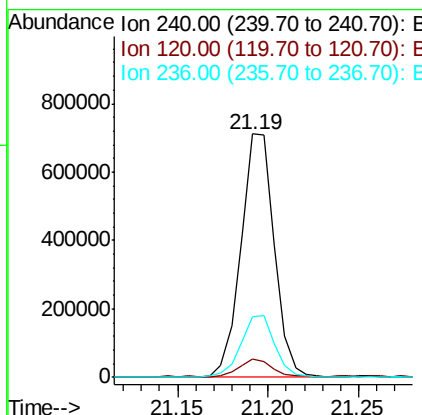
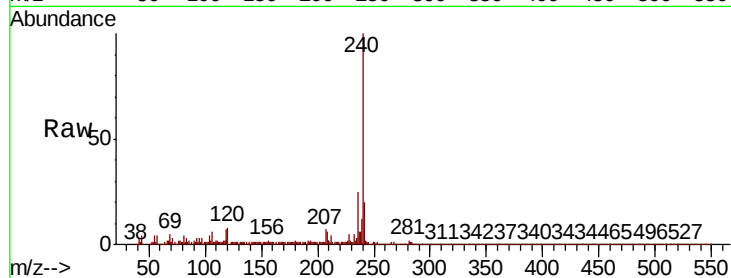




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

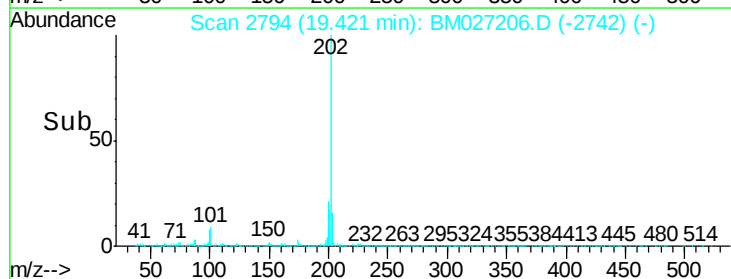
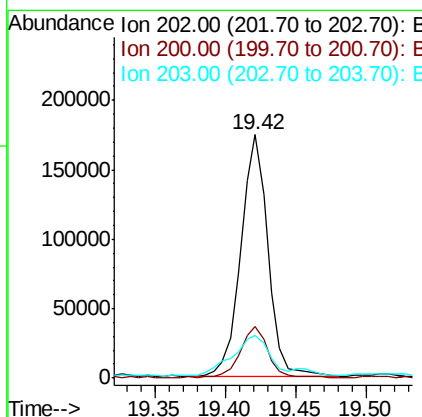
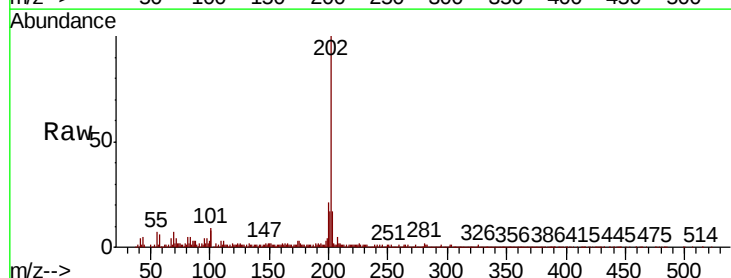
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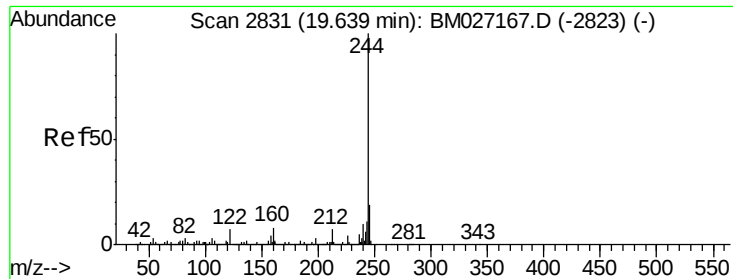
Tot Ion:240 Resp: 902728
Ion Ratio Lower Upper
240 100
120 7.5 5.6 8.4
236 25.0 19.8 29.6



#78
Pyrene
Concen: 4.285 ng
RT: 19.42 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM027206.D
Acq: 24 Aug 2020 22:28

Tgt Ion:202 Resp: 235361
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 10.371 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1BRE

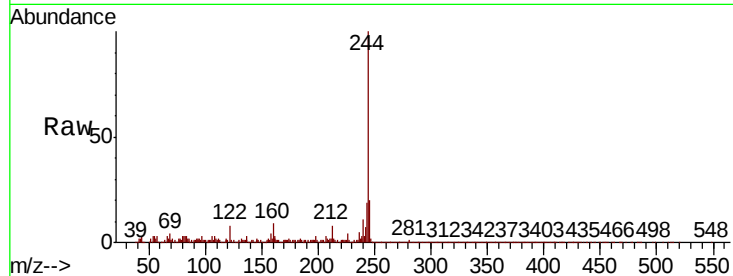
Tot Ion:244 Resp: 501171

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

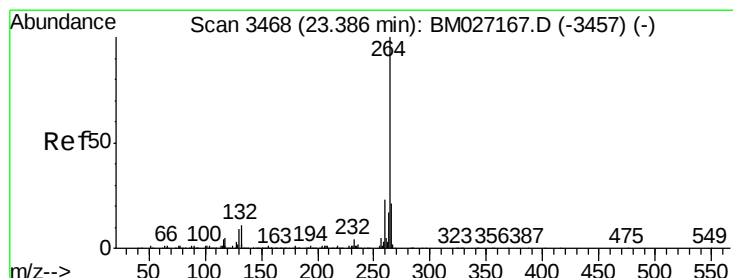
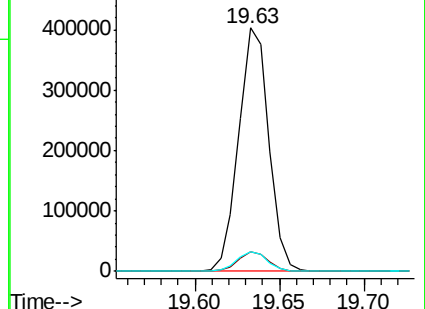
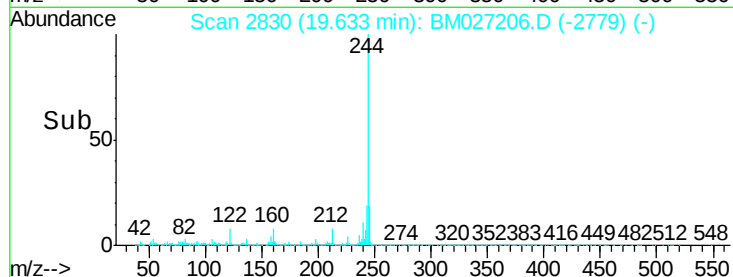
122 8.0 5.8 8.8



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: 23.39 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM027206.D

Acq: 24 Aug 2020 22:28

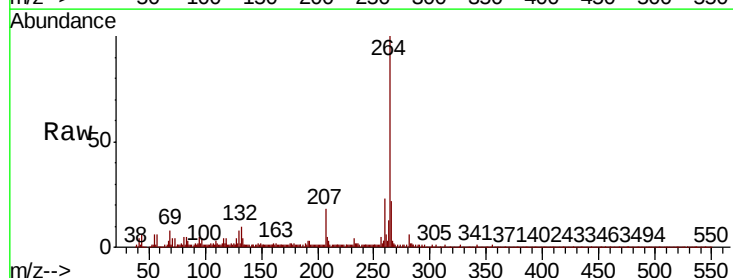
Tgt Ion:264 Resp: 1016801

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.4 17.5 26.3



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

