

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004469.D
 Acq On : 29 Feb 2016 03:50
 Operator : SJ/UM
 Sample : H1509-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Quant Time: Feb 29 07:13:07 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 05:57:18 2016
 Response via : Initial Calibration

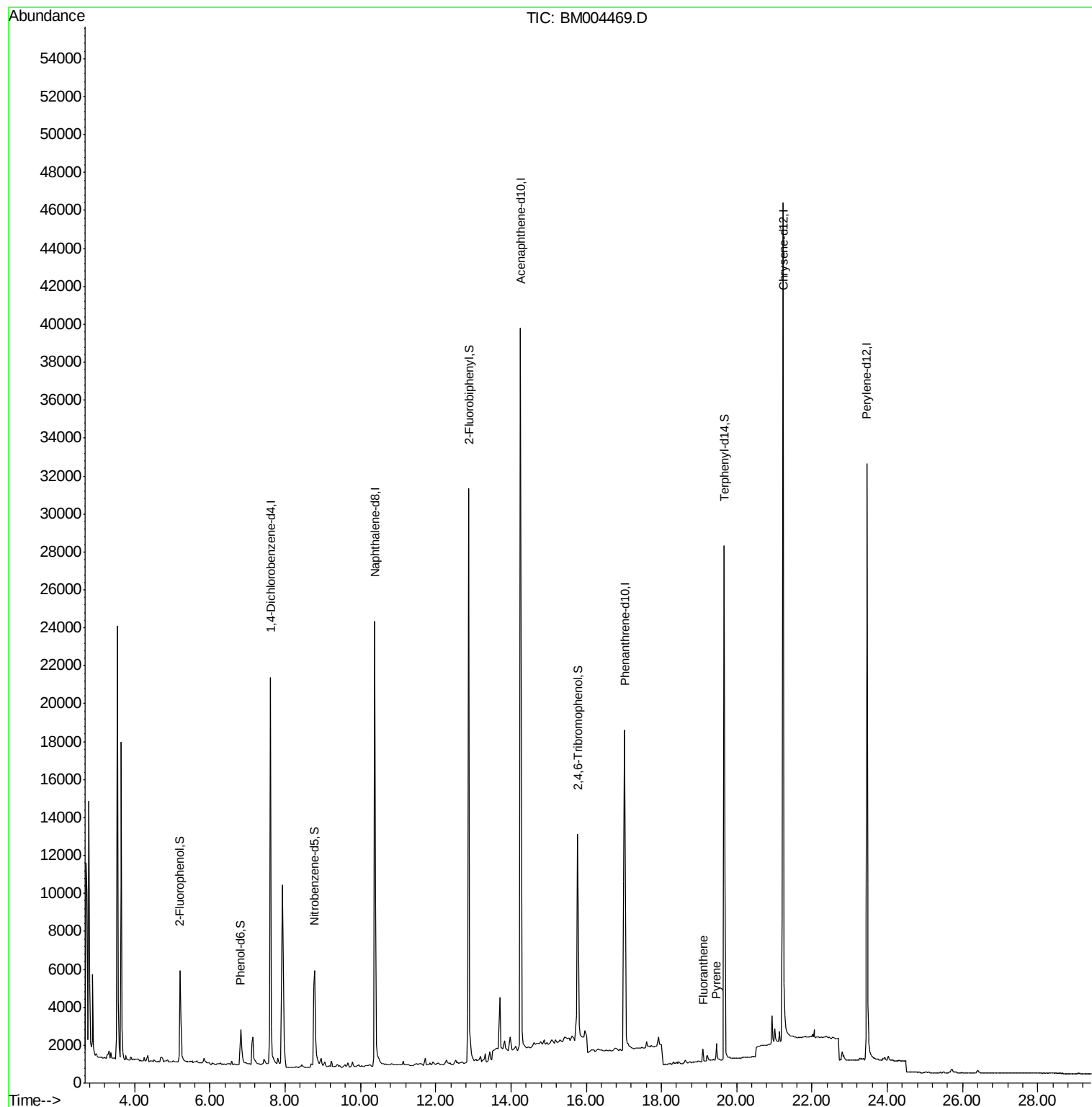
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12861	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	45108	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	32219	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	38765	5.00	ng	0.00
19) Chrysene-d12	21.24	240	54393	5.00	ng	0.00
28) Perylene-d12	23.46	264	43832	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	6088	2.15	ng	0.00
5) Phenol-d6	6.83	99	3824	1.19	ng	0.00
8) Nitrobenzene-d5	8.79	82	8699	3.49	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	11911	7.25	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	36414	3.71	ng	0.00
22) Terphenyl-d14	19.67	244	32374	4.67	ng	-0.02
Target Compounds						
18) Fluoranthene	19.10	202	691	0.04	ng	# 95
21) Pyrene	19.46	202	1144	0.07	ng	# 86

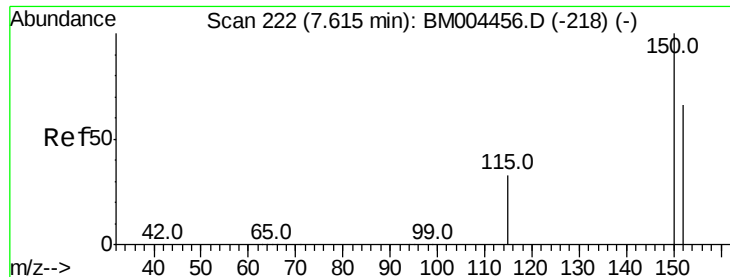
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 222

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Instrument :

BNA_M

ClientSampleId :

MW-5

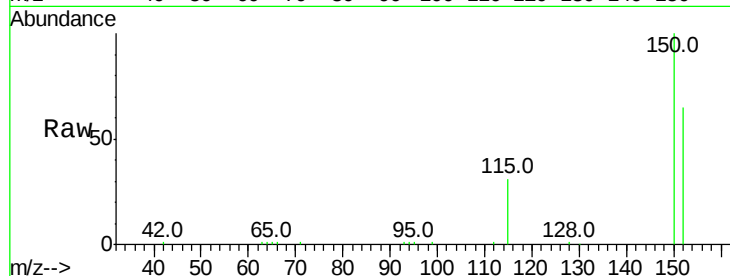
Tot Ion:152 Resp: 12861

Ion Ratio Lower Upper

152 100

150 152.8 123.9 185.9

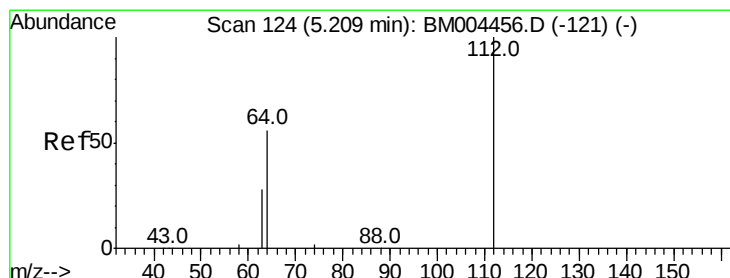
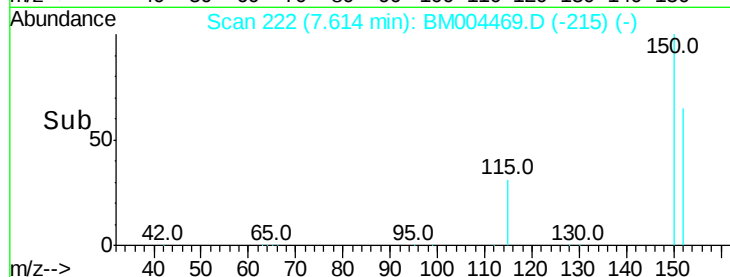
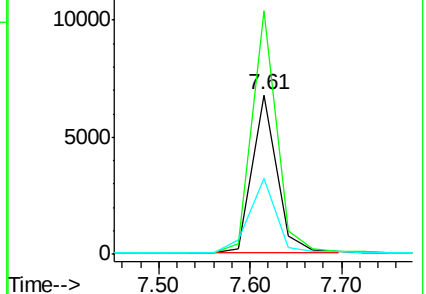
115 47.7 40.6 61.0



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



#4

2-Fluorophenol

Concen: 2.15 ng

RT: 5.21 min Scan# 124

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

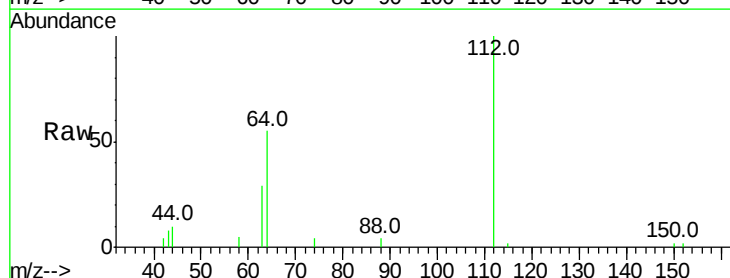
Tgt Ion:112 Resp: 6088

Ion Ratio Lower Upper

112 100

64 48.6 39.4 59.2

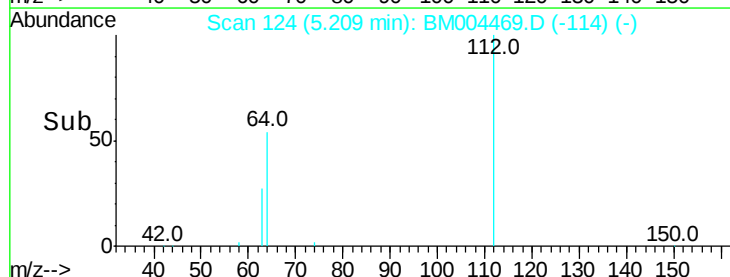
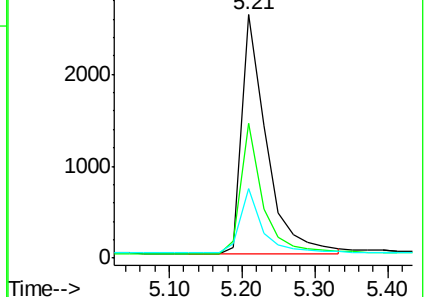
63 24.6 19.9 29.9

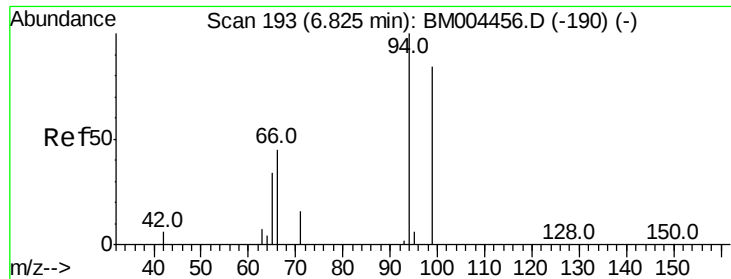


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.19 ng

RT: 6.83 min Scan# 193

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Instrument :

BNA_M

ClientSampleId :

MW-5

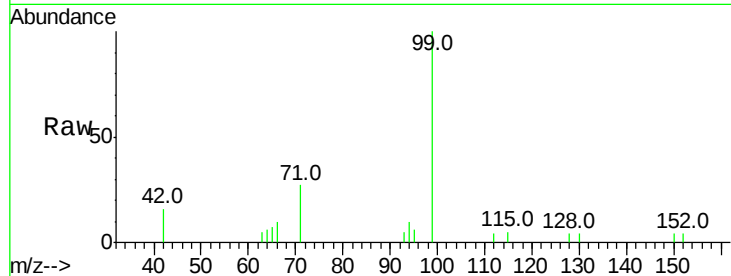
Tot Ion: 99 Resp: 3824

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

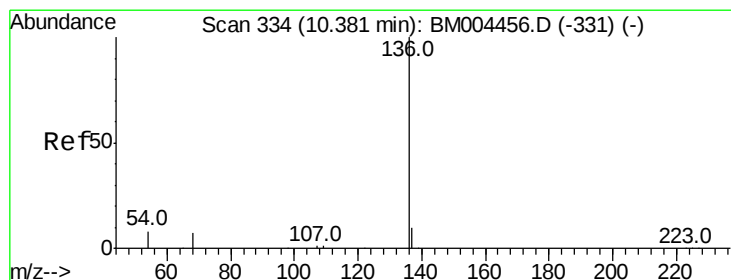
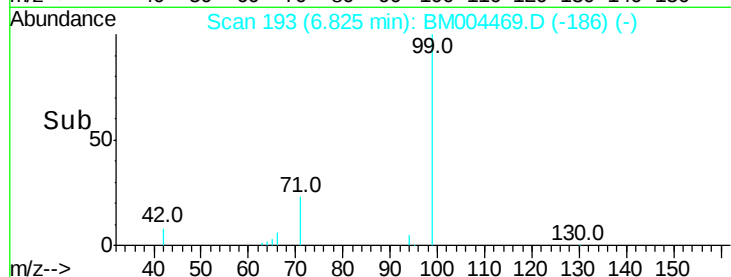
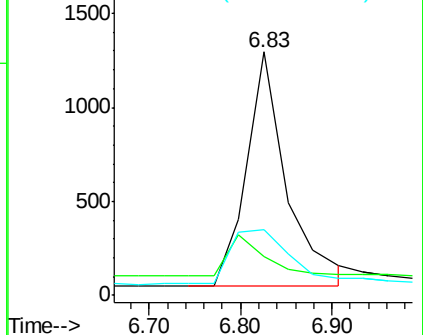
71 34.9 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BM004456.D (-190) (-)

Ion 42.00 (41.70 to 42.70): BM004456.D (-190) (-)

Ion 71.00 (70.70 to 71.70): BM004456.D (-190) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Tgt Ion: 136 Resp: 45108

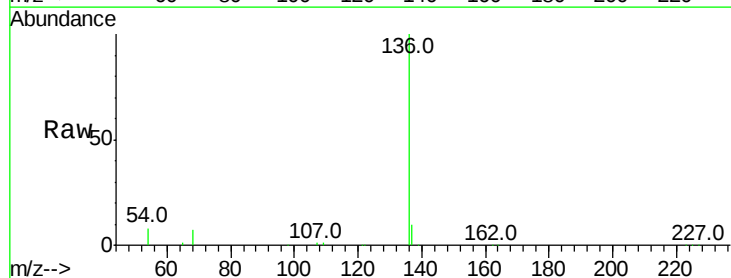
Ion Ratio Lower Upper

136 100

137 10.1 8.0 12.0

54 8.4 7.0 10.6

68 7.0 5.8 8.6

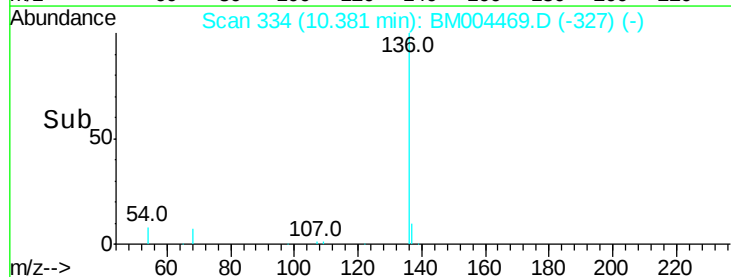
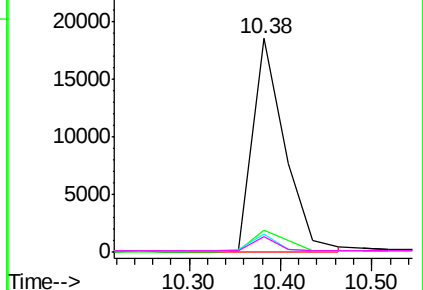


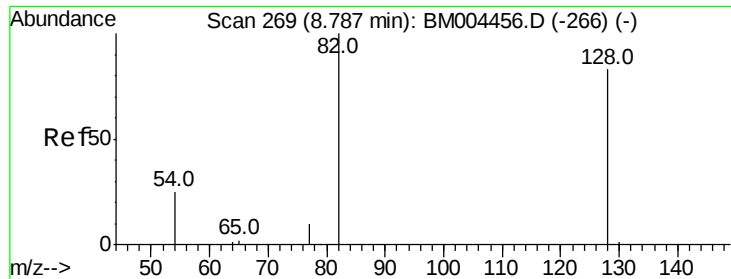
Abundance Ion 136.00 (135.70 to 136.70): BM004456.D (-331) (-)

Ion 137.00 (136.70 to 137.70): BM004456.D (-331) (-)

Ion 54.00 (53.70 to 54.70): BM004456.D (-331) (-)

Ion 68.00 (67.70 to 68.70): BM004456.D (-331) (-)





#8

Nitrobenzene-d5

Concen: 3.49 ng

RT: 8.79 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Instrument :

BNA_M

ClientSampleId :

MW-5

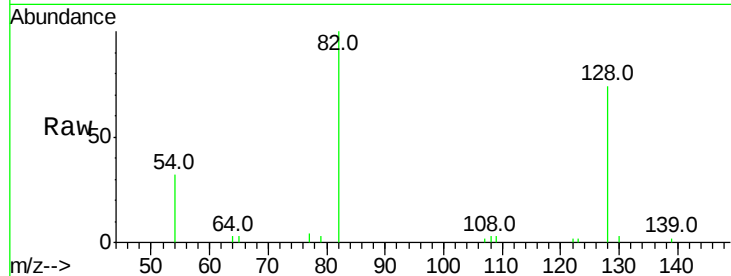
Tot Ion: 82 Resp: 8699

Ion Ratio Lower Upper

82 100

128 73.7 67.0 100.6

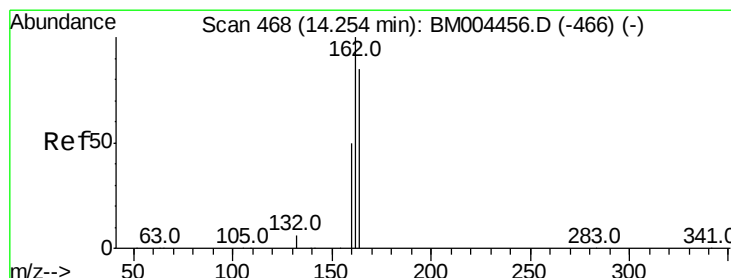
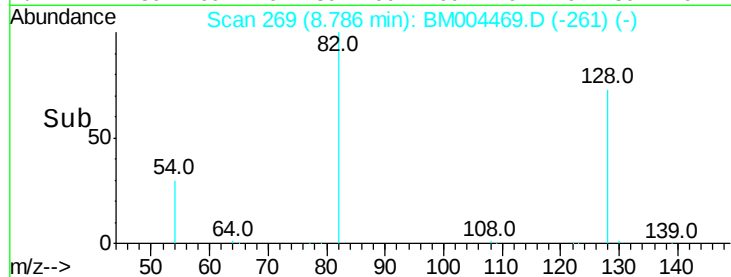
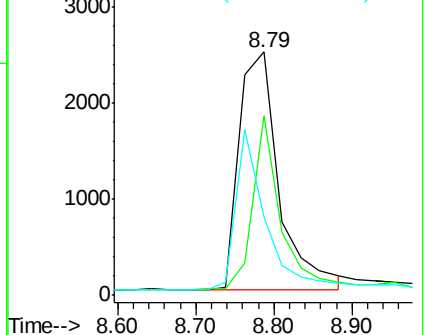
54 32.1 25.2 37.8



Abundance Ion 82.00 (81.70 to 82.70): BM004469.D (-261) (-)

Ion 128.00 (127.70 to 128.70): BM004469.D (-261) (-)

Ion 54.00 (53.70 to 54.70): BM004469.D (-261) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

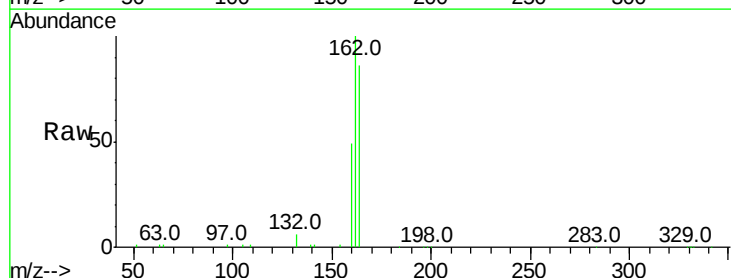
Tgt Ion: 164 Resp: 32219

Ion Ratio Lower Upper

164 100

162 116.8 94.6 141.8

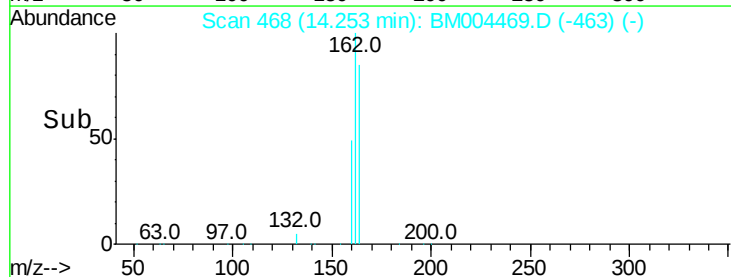
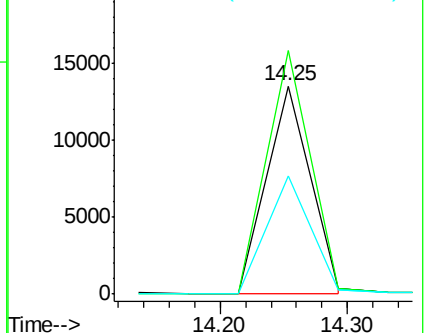
160 57.0 47.0 70.4

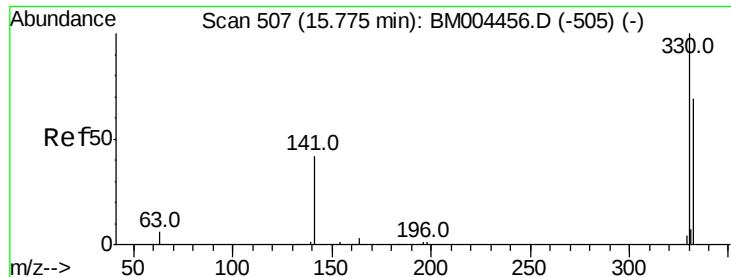


Abundance Ion 164.00 (163.70 to 164.70): BM004469.D (-463) (-)

Ion 162.00 (161.70 to 162.70): BM004469.D (-463) (-)

Ion 160.00 (159.70 to 160.70): BM004469.D (-463) (-)

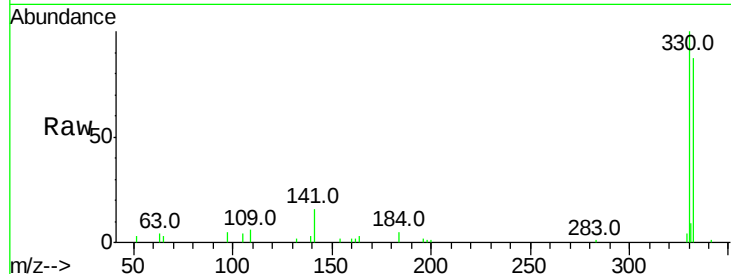




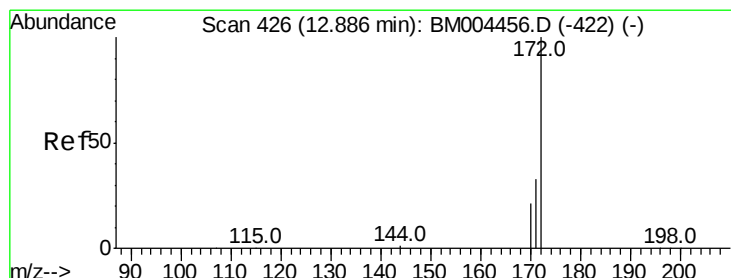
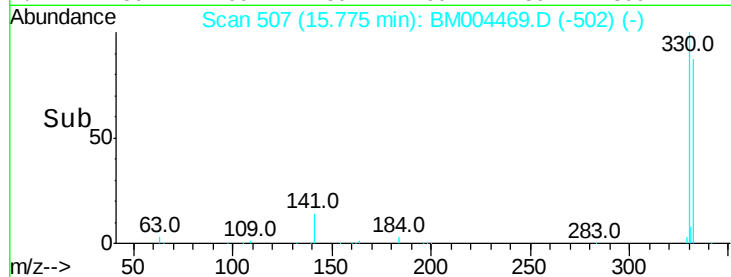
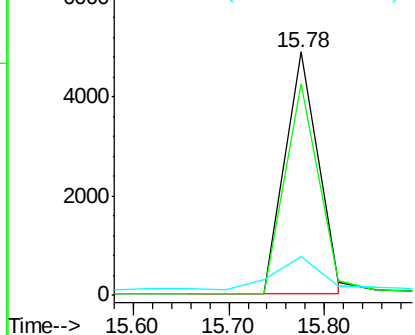
#13
 2,4,6-Tribromophenol
 Concen: 7.25 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004469.D
 Acq: 29 Feb 2016 03:50

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tot Ion:330 Resp: 11911
 Ion Ratio Lower Upper
 330 100
 332 88.2 59.2 88.8
 141 18.7 33.0 49.4#

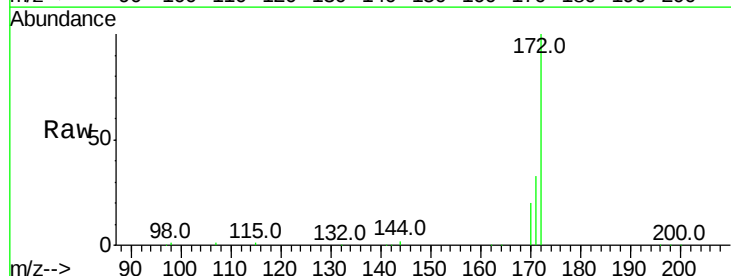


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

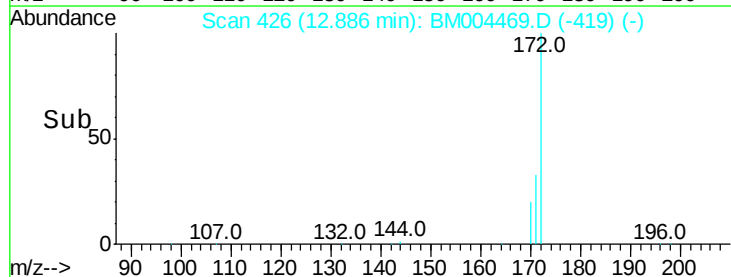
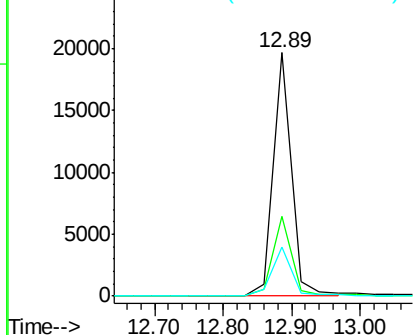


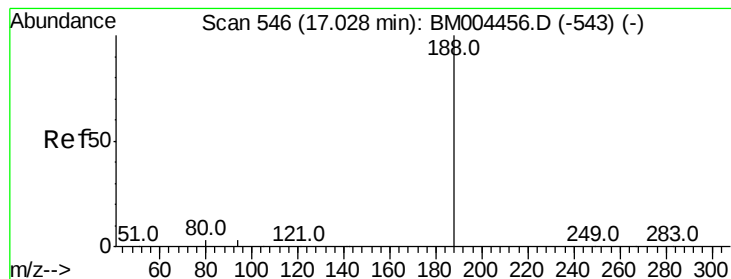
#14
 2-Fluorobiphenyl
 Concen: 3.71 ng
 RT: 12.89 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BM004469.D
 Acq: 29 Feb 2016 03:50

Tgt Ion:172 Resp: 36414
 Ion Ratio Lower Upper
 172 100
 171 32.8 27.2 40.8
 170 20.0 17.4 26.0



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





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.03 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Instrument :

BNA_M

ClientSampleId :

MW-5

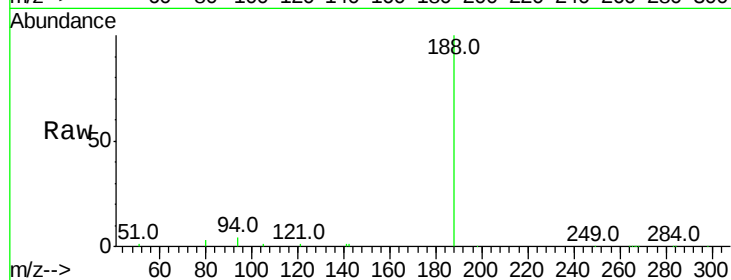
Tot Ion:188 Resp: 38765

Ion Ratio Lower Upper

188 100

94 3.8 2.7 4.1

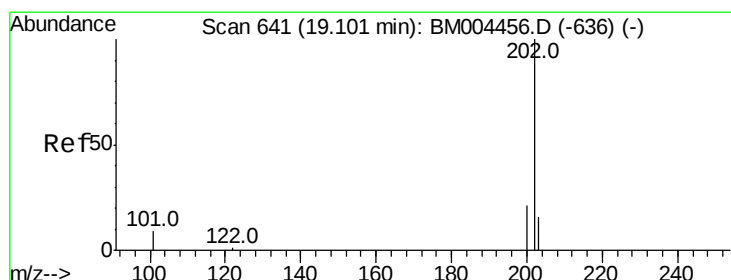
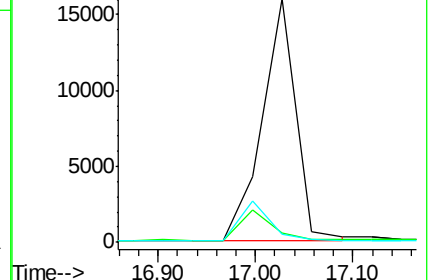
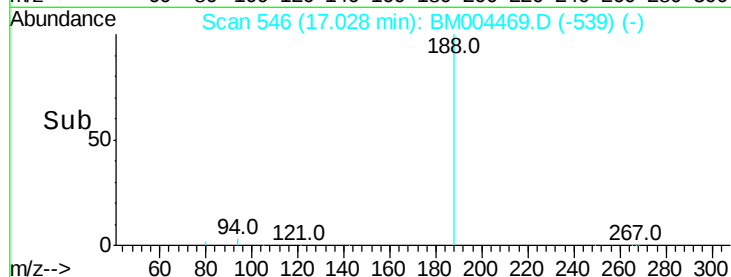
80 3.1 2.2 3.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#18

Fluoranthene

Concen: 0.04 ng

RT: 19.10 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

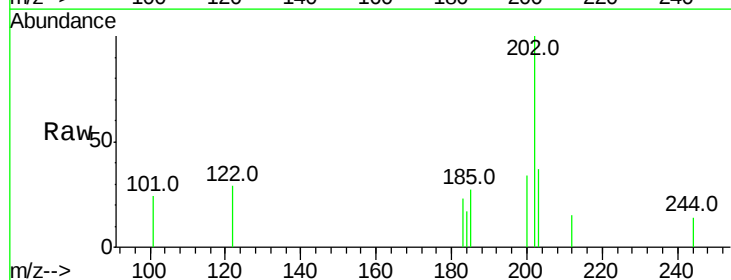
Tgt Ion:202 Resp: 691

Ion Ratio Lower Upper

202 100

101 14.6 9.4 14.0#

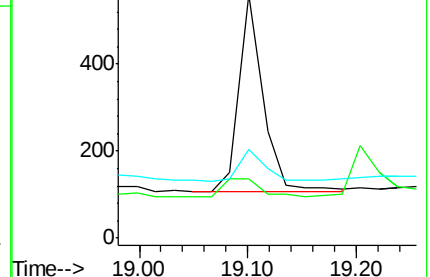
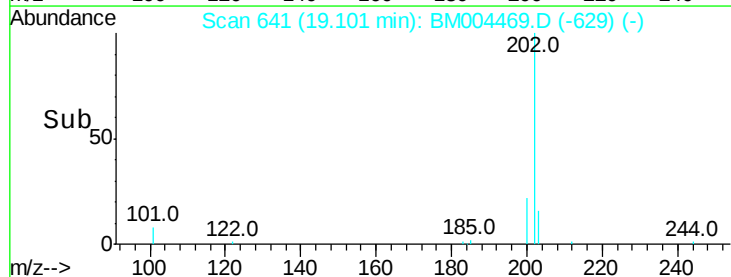
203 18.5 13.9 20.9

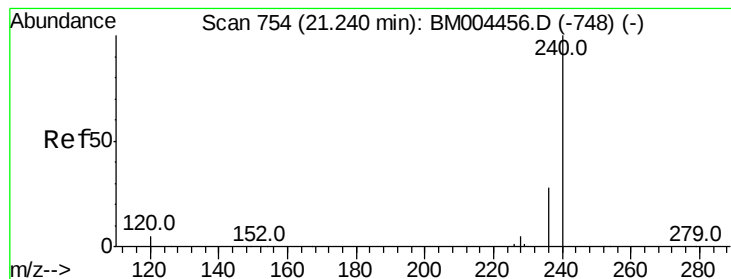


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.24 min Scan# 754

Delta R.T. -0.00 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

Instrument :

BNA_M

ClientSampleId :

MW-5

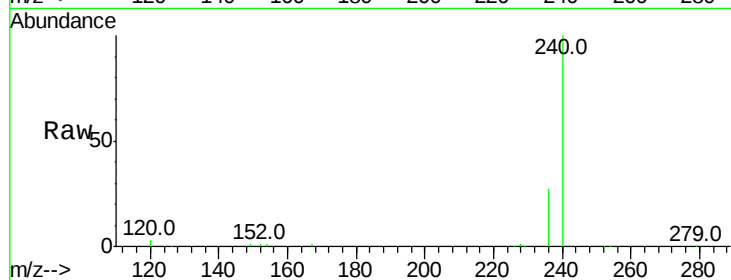
Tot Ion:240 Resp: 54393

Ion Ratio Lower Upper

240 100

120 3.0 4.0 6.0#

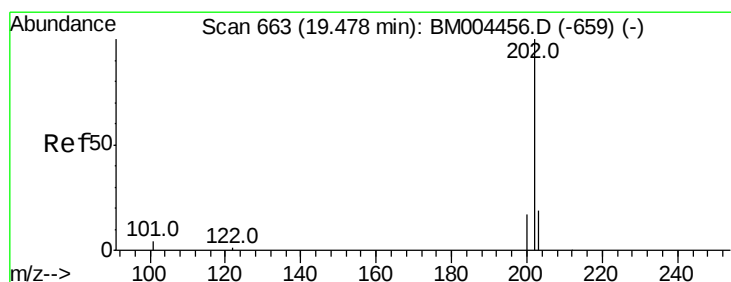
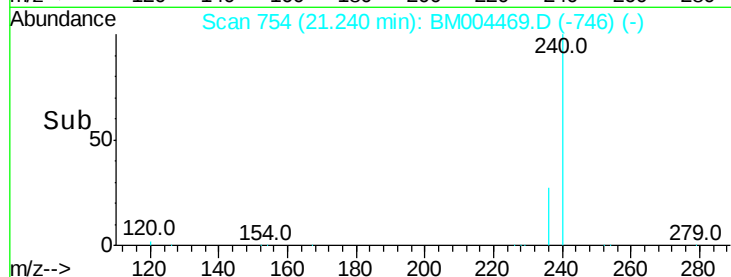
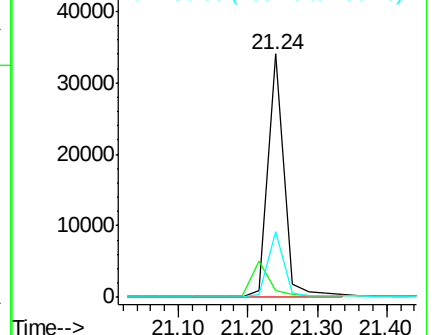
236 26.9 22.7 34.1



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



#21

Pyrene

Concen: 0.07 ng

RT: 19.46 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM004469.D

Acq: 29 Feb 2016 03:50

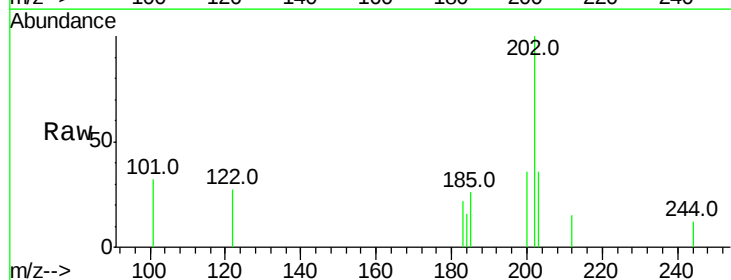
Tgt Ion:202 Resp: 1144

Ion Ratio Lower Upper

202 100

200 23.3 16.6 24.8

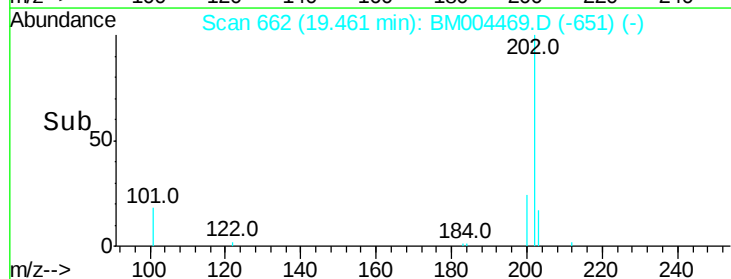
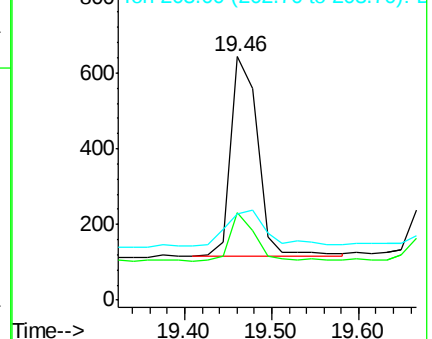
203 27.8 13.9 20.9#

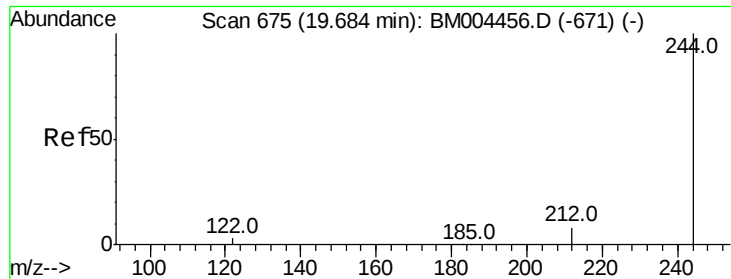


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

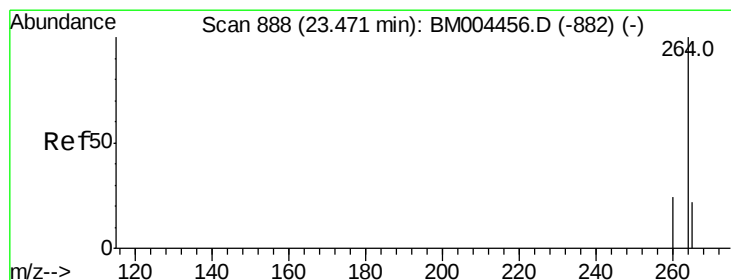
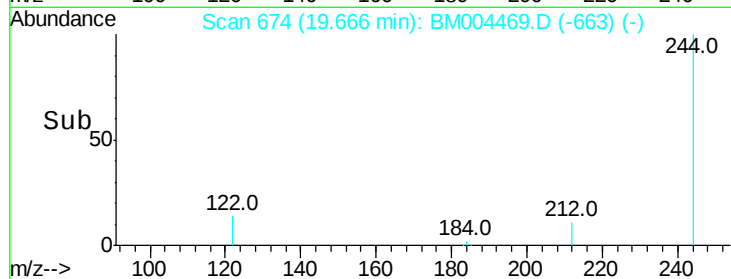
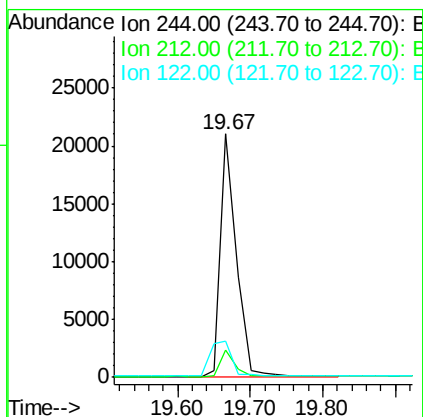
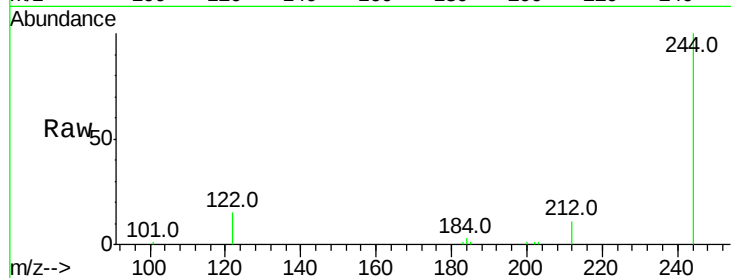




#22
 Terphenyl-d14
 Concen: 4.67 ng
 RT: 19.67 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BM004469.D
 Acq: 29 Feb 2016 03:50

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tot Ion:244 Resp: 32374
 Ion Ratio Lower Upper
 244 100
 212 11.1 7.4 11.2
 122 15.1 4.2 6.2#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BM004469.D
 Acq: 29 Feb 2016 03:50

Tgt Ion:264 Resp: 43832
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 23.1 18.9 28.3

