

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016228.D
 Acq On : 07 Aug 2018 22:06
 Operator : SJ/JU
 Sample : J4338-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 220-1

Quant Time: Aug 08 02:31:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

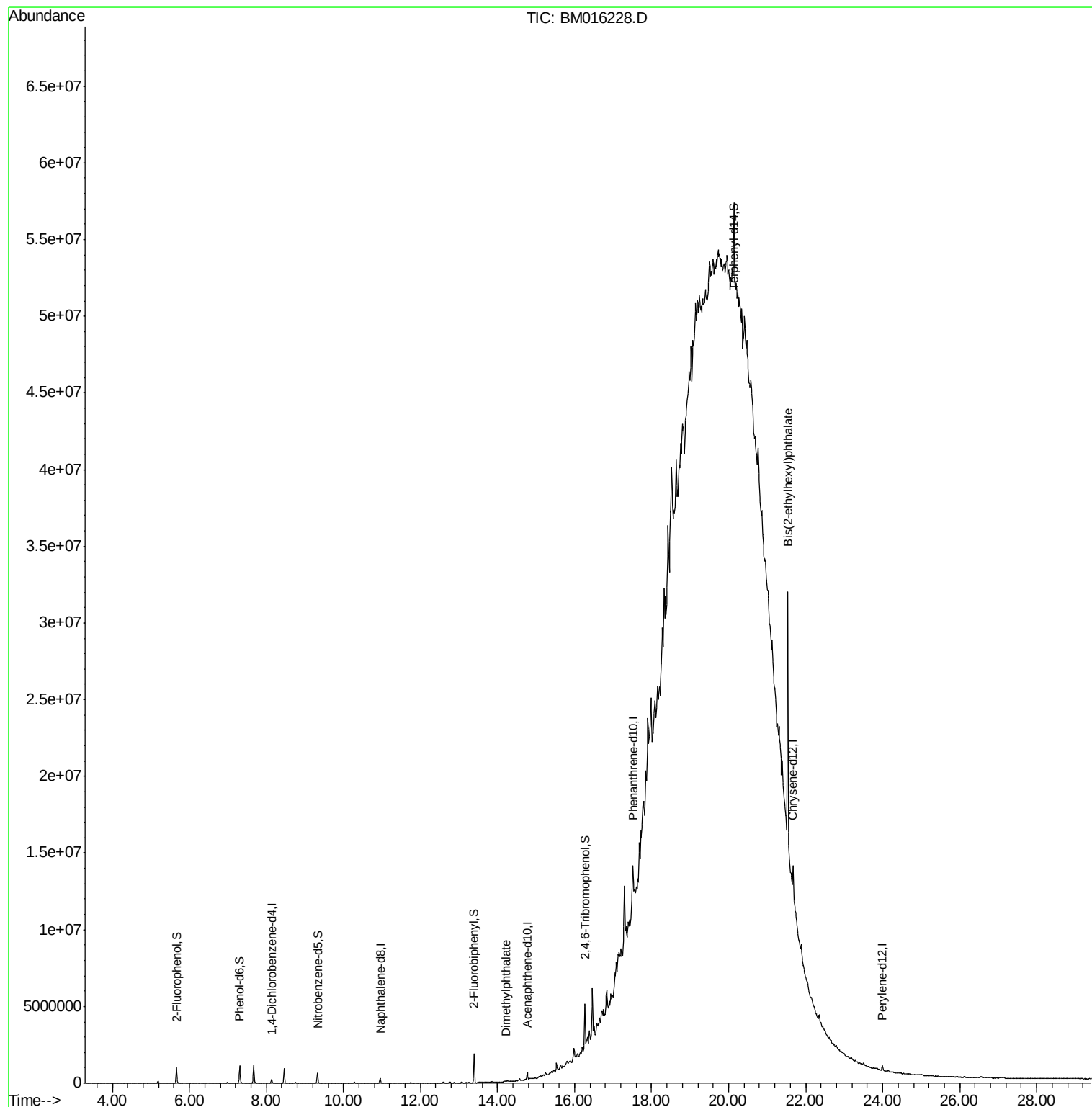
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53097	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	212933	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	125869	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	654171	20.00	ng	0.01
75) Chrysene-d12	21.67	240	580397	20.00	ng	0.03
86) Perylene-d12	23.99	264	208901	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	338805	105.99	ng	0.00
7) Phenol-d6	7.30	99	444428	106.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	320703	70.05	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	262160	164.22	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	738969	71.43	ng	0.00
78) Terphenyl-d14	20.14	244	4369526	157.59	ng	0.05
Target Compounds						
49) Dimethylphthalate	14.23	163	42091	3.821	ng	# 99
83) Bis(2-ethylhexyl)phthalate	21.54	149	4454769	173.965	ng	# 97

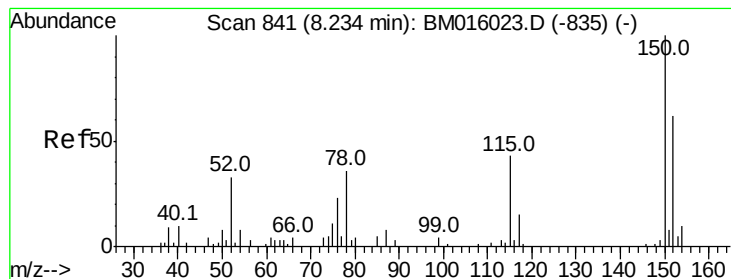
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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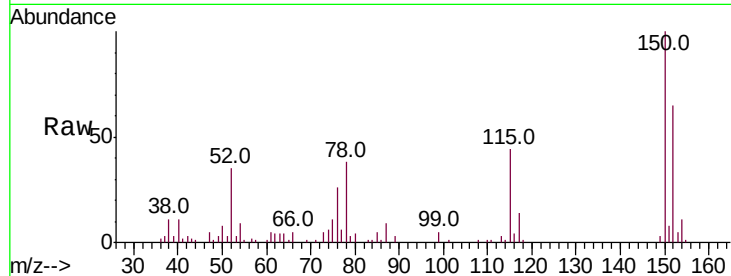


#1

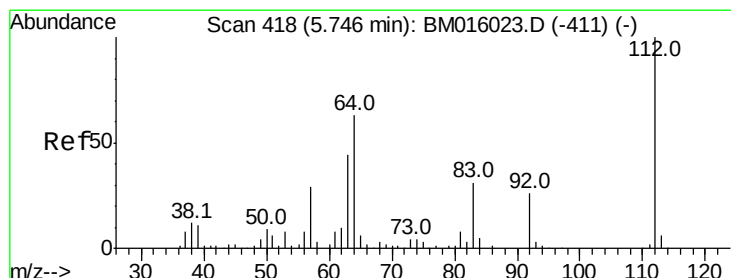
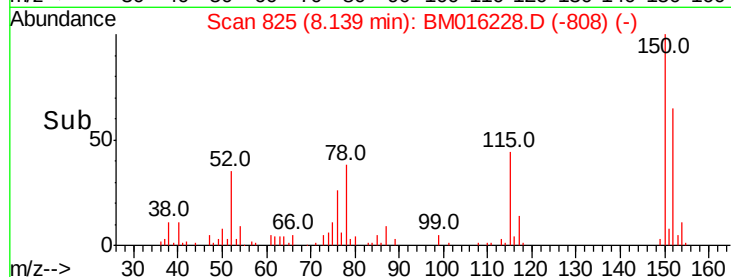
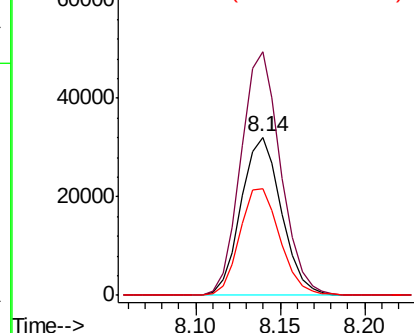
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Instrument :
BNA_M
ClientSampled :
220-1

Tot Ion:152 Resp: 53097
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 67.5 43.0 64.4#



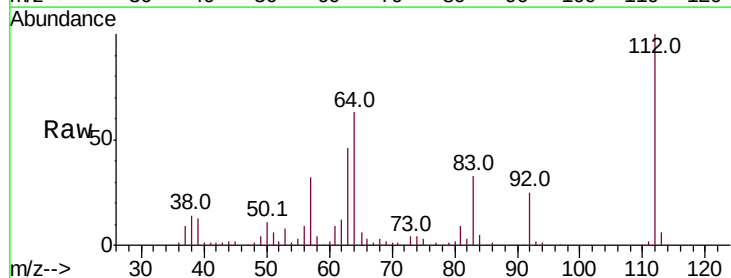
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



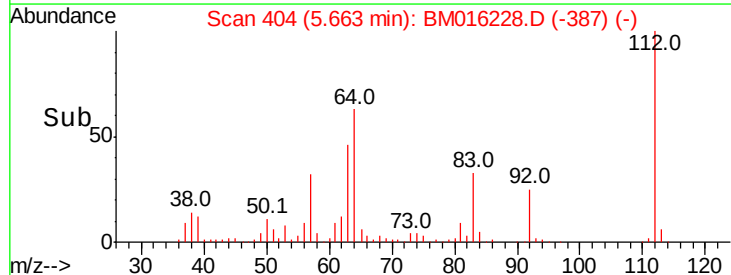
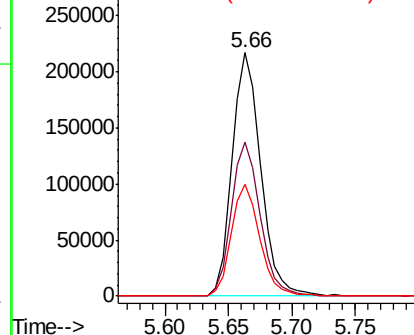
#5

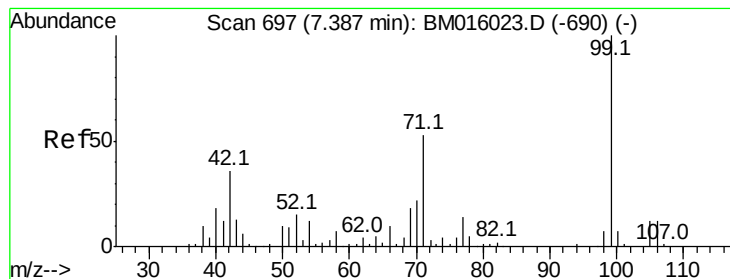
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Tgt Ion:112 Resp: 338805
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 45.9 19.3 28.9#



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





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

220-1

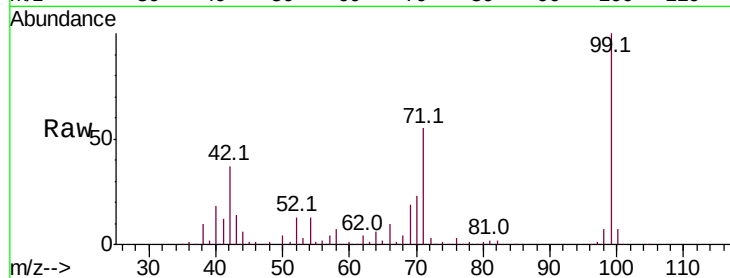
Tot Ion: 99 Resp: 444428

Ion Ratio Lower Upper

99 100

42 37.3 11.0 16.4#

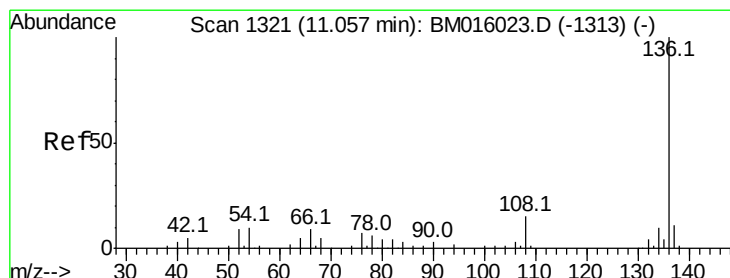
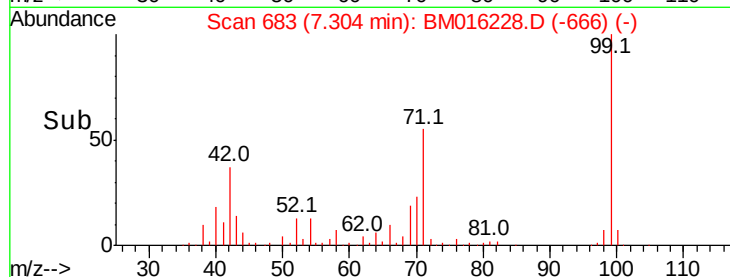
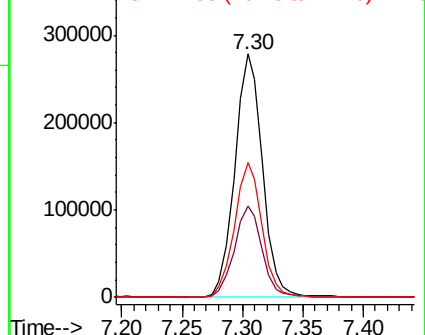
71 55.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Tgt Ion: 136 Resp: 212933

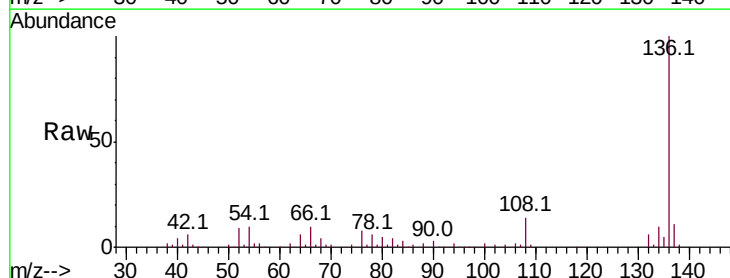
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.6 4.6 6.8#

68 4.1 3.7 5.5

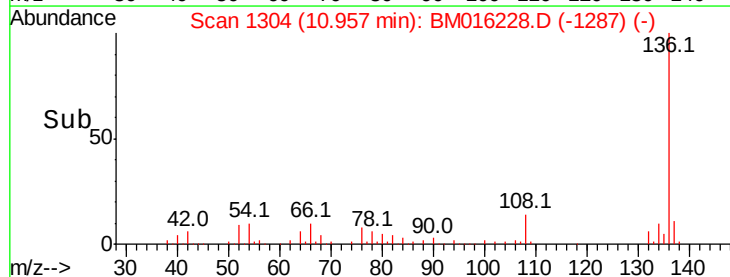
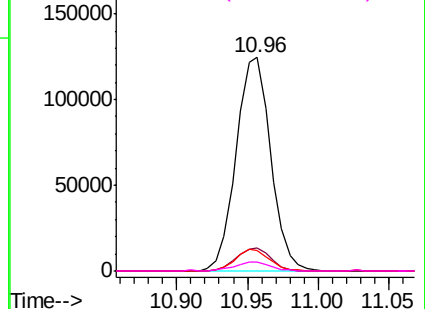


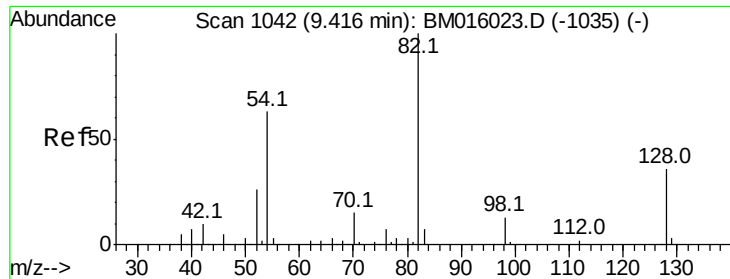
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

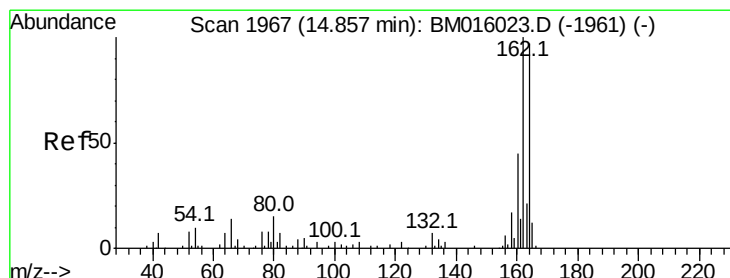
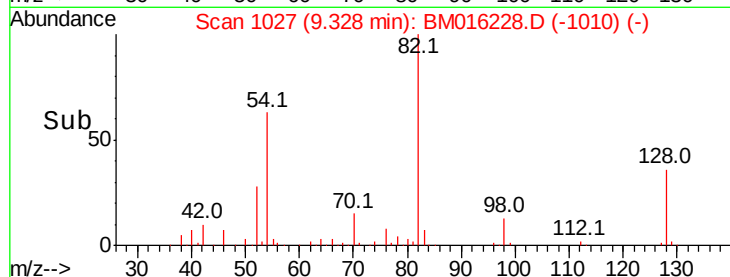
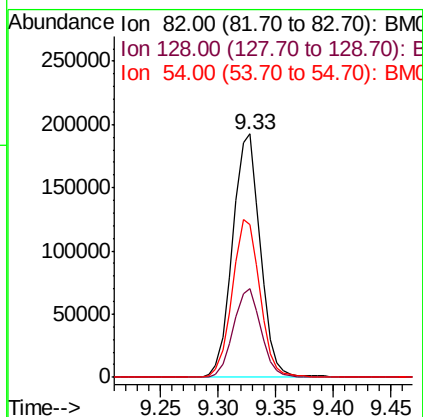
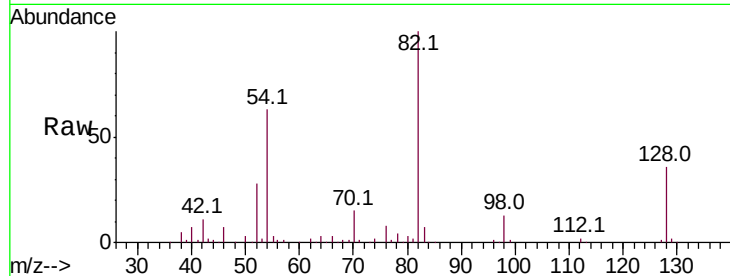




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

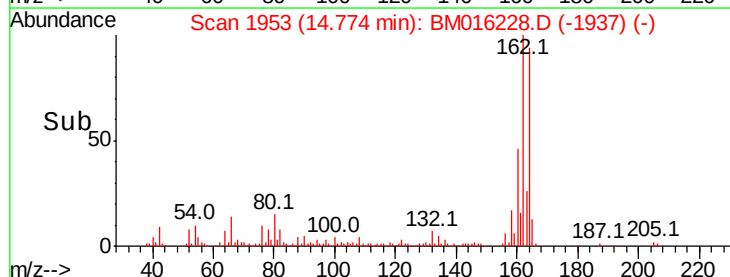
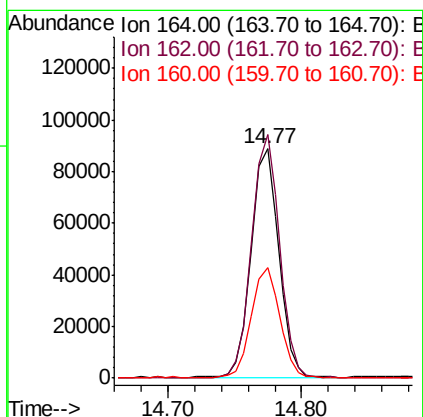
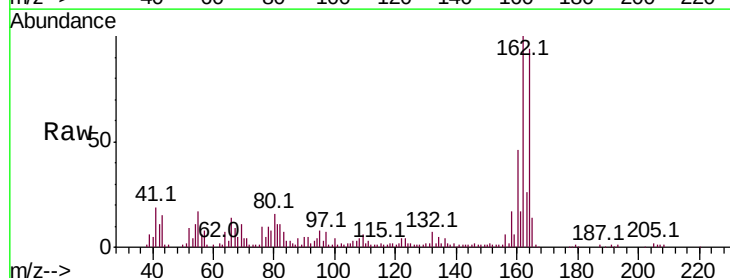
Instrument :
BNA_M
ClientSampled :
220-1

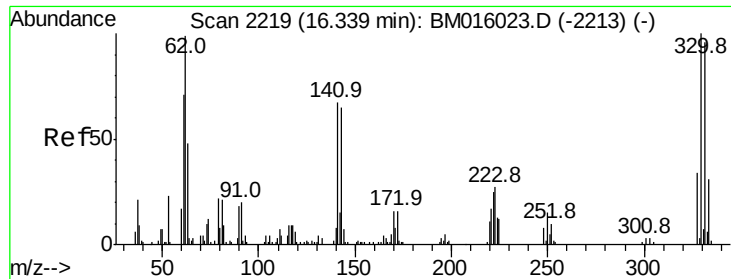
Tot Ion: 82 Resp: 320703
Ion Ratio Lower Upper
82 100
128 36.5 32.8 49.2
54 62.6 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Tgt Ion: 164 Resp: 125869
Ion Ratio Lower Upper
164 100
162 106.2 82.4 123.6
160 48.4 35.8 53.6

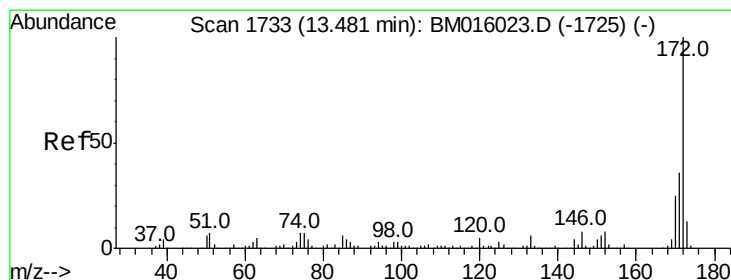
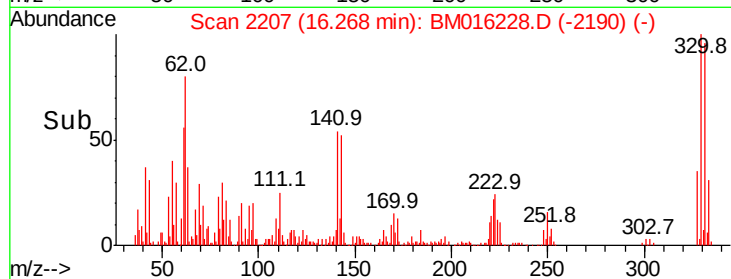
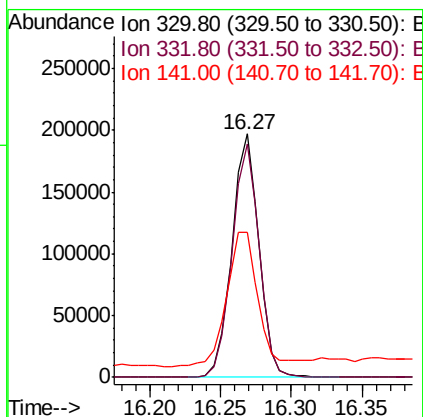
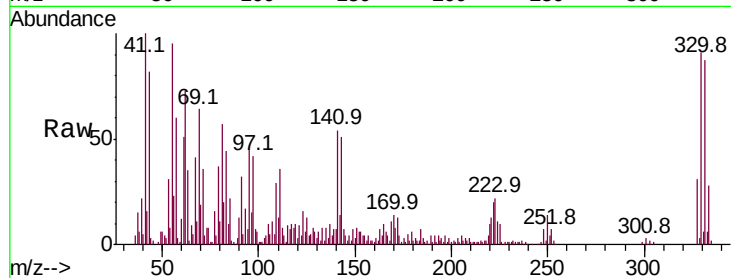




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.27 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

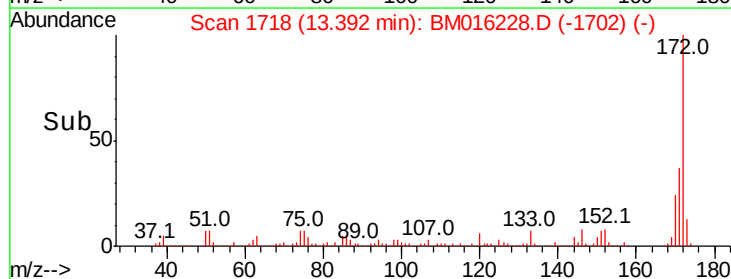
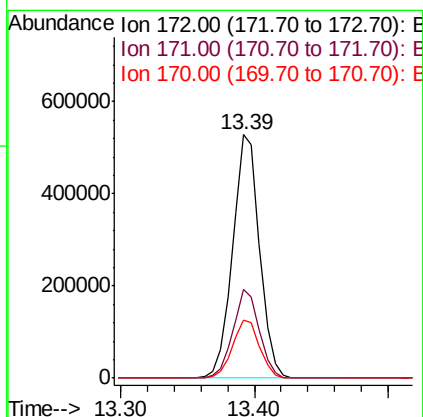
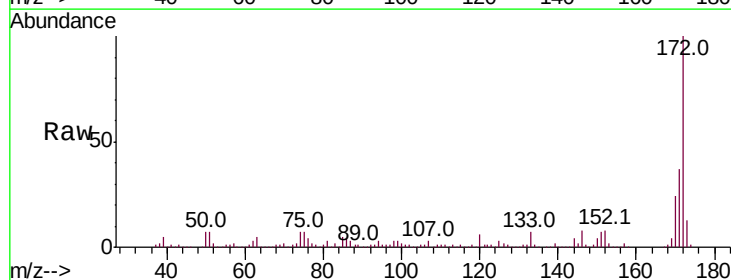
Instrument :
 BNA_M
 ClientSampled :
 220-1

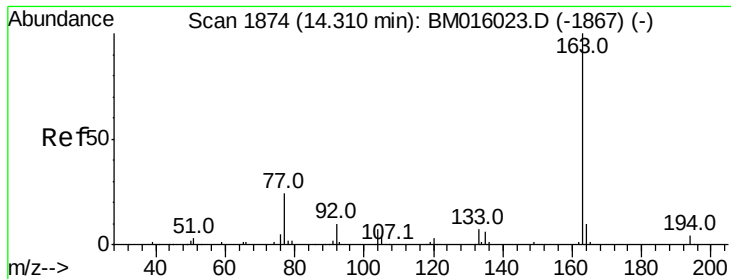
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	64.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016228.D
 Acq: 07 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.9	18.8	28.2





#49

Dimethylphthalate

Concen: 3.821 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

220-1

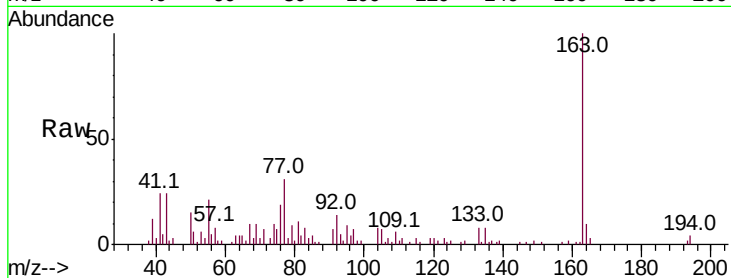
Tot Ion:163 Resp: 42091

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

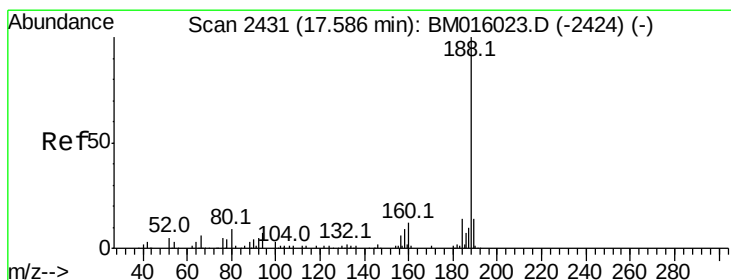
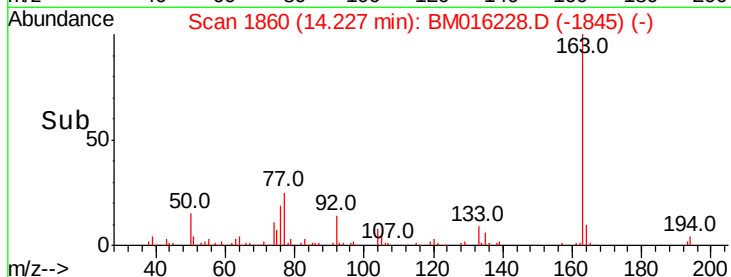
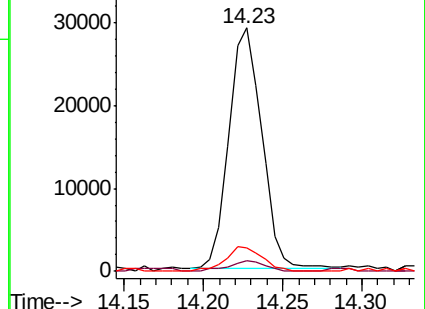
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

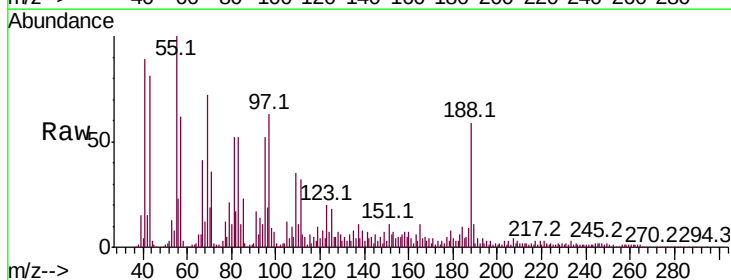
Tgt Ion:188 Resp: 654171

Ion Ratio Lower Upper

188 100

94 18.0 8.7 13.1#

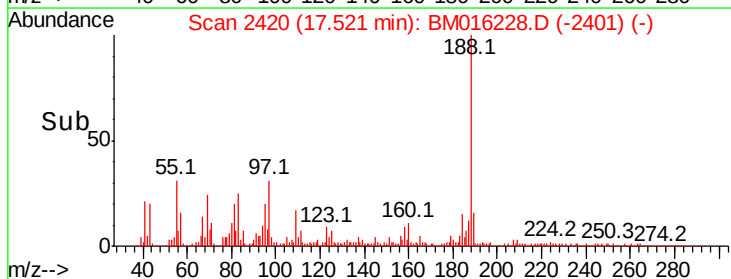
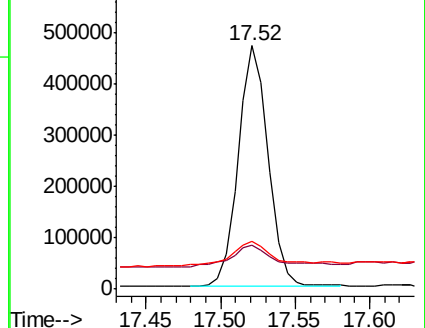
80 19.5 9.3 13.9#

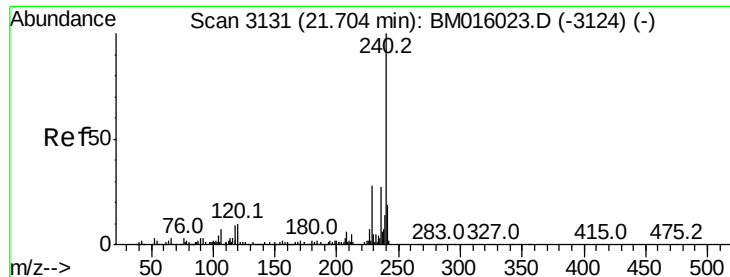


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.03 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

220-1

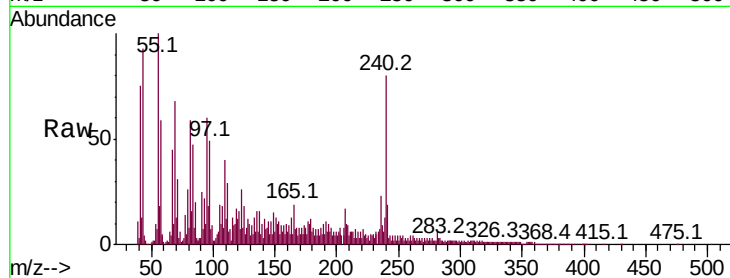
Tot Ion:240 Resp: 580397

Ion Ratio Lower Upper

240 100

120 14.9 8.2 12.2#

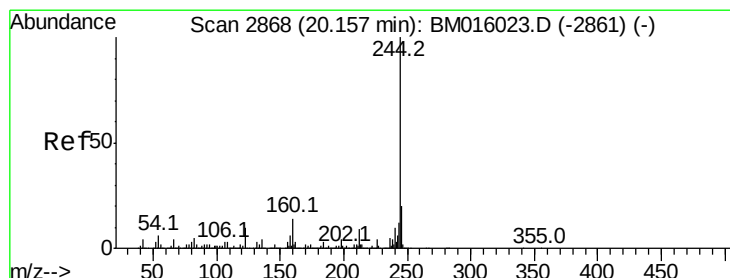
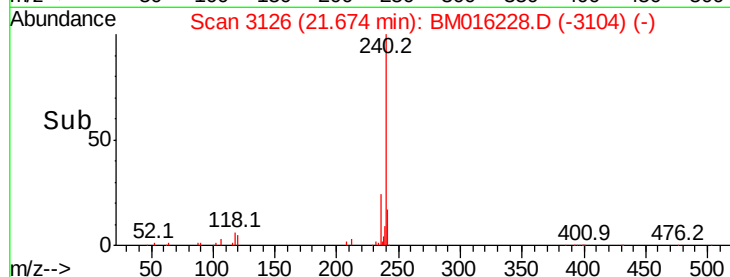
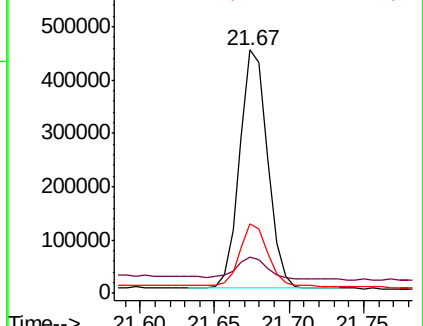
236 28.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.14 min Scan# 2865

Delta R.T. 0.05 min

Lab File: BM016228.D

Acq: 07 Aug 2018 22:06

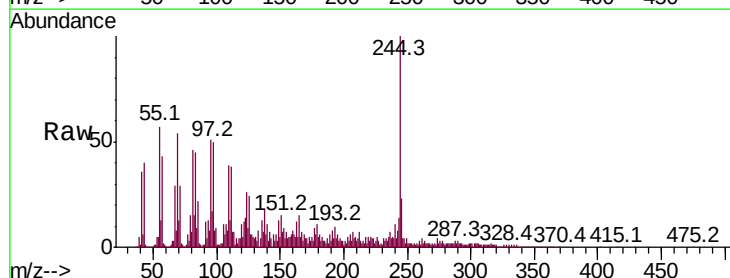
Tgt Ion:244 Resp: 4369526

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

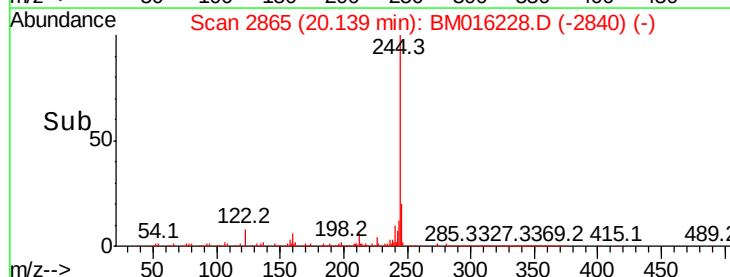
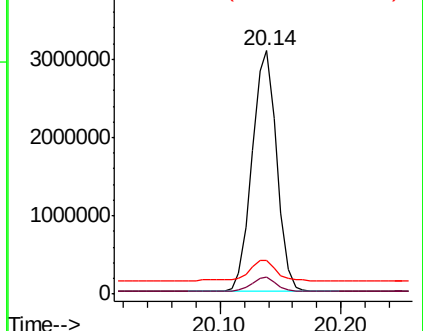
122 13.8 6.2 9.4#

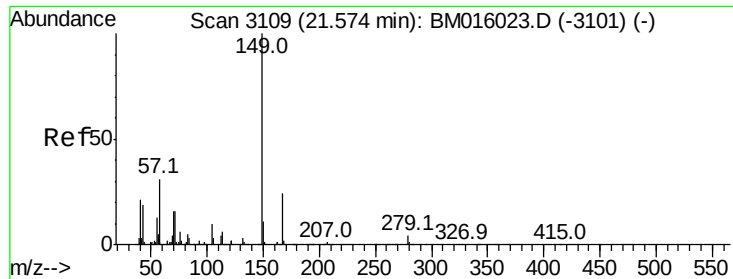


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

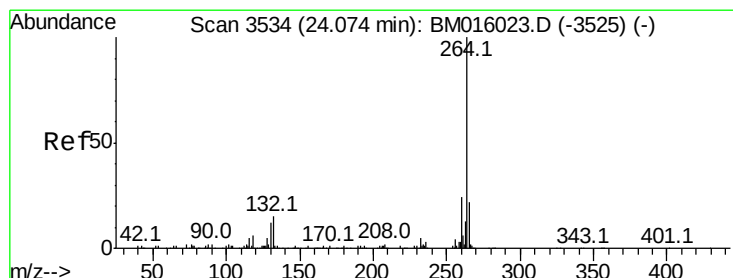
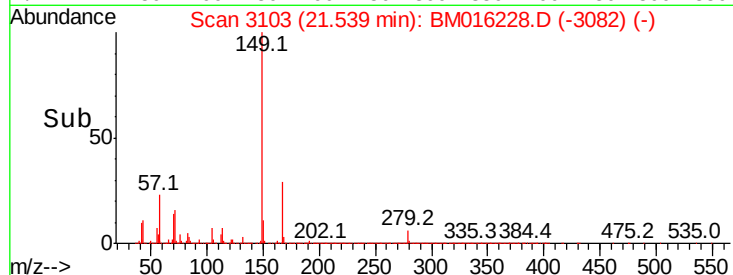
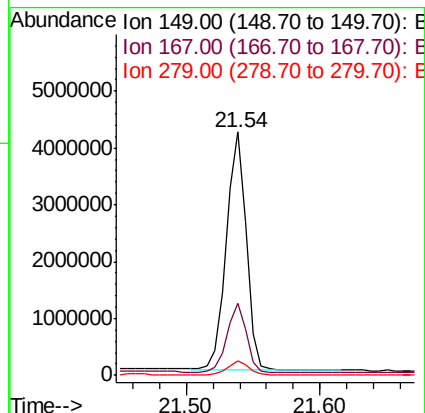
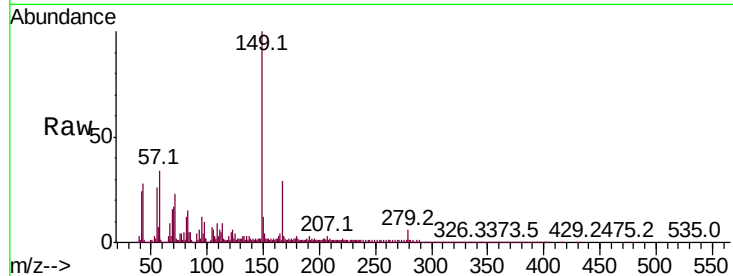




#83
Bis(2-ethylhexyl)phthalate
Concen: 173.965 ng
RT: 21.54 min Scan# 3103
Delta R.T. 0.02 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Instrument :
BNA_M
ClientSampled :
220-1

Tot Ion:149 Resp: 4454769
Ion Ratio Lower Upper
149 100
167 29.5 22.4 33.6
279 5.8 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.99 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM016228.D
Acq: 07 Aug 2018 22:06

Tgt Ion:264 Resp: 208901
Ion Ratio Lower Upper
264 100
260 25.1 18.6 27.8
265 24.1 17.3 25.9

