

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016855.D
 Acq On : 22 Sep 2018 05:33
 Operator : SJ/JU
 Sample : J5012-10DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:14:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 05:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5954	20.00	ng/ul	0.06
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.50
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.36
62) Phenanthrene-d10	17.10	188	769	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1574	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	595	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	12106	86.95	ng/uL	0.00
5) Phenol-d5	6.89	99	27201	54.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	90247	290.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	91959	224.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	53153	136.78	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	56315	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	51769	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	97330	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	459	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	338658	0.00	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	376163	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	7465	0.00	ng/ul	0.00
58) Fluorene-d10	15.35	176	300958	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	27567	8732.53	ng/ul	0.00
71) Anthracene-d10	17.20	188	419486	11306.34	ng/ul	0.00
79) Pyrene-d10	19.50	212	502786	6582.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	550905	17749.51	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	376	2.595	ng/uL#	1
4) Benzaldehyde	6.88	77	1735	6.139	ng/ul#	41
6) Phenol	6.92	94	516	1.029	ng/ul#	41
10) 2-Chlorophenol	7.29	128	1506	3.658	ng/ul#	94
11) 2-Methylphenol	8.10	108	273398	727.697	ng/ul	96
14) Acetophenone	8.54	105	1876	3.115	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.42	70	912	3.026	ng/ul#	1
17) Hexachloroethane	8.79	117	1270	7.854	ng/ul	83
64) 4,6-Dinitro-2-methylphenol	15.48	198	641	181.086	ng/ul#	1
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	680182	53441.868	ng/uL	97
74) Pentachlorobenzene	14.67	250	7731	673.375	ng/uL	96
76) Di-n-butylphthalate	18.08	149	725	16.164	ng/ul#	78
80) Pyrene	19.50	202	426	4.408	ng/ul#	1
81) Butylbenzylphthalate	20.44	149	258	7.218	ng/ul#	17
82) 3,3'-Dichlorobenzidine	21.09	252	116	3.720	ng/ul#	24
83) Benzo(a)anthracene	21.33	228	255	2.617	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.23	149	498	8.866	ng/ul#	52
85) Chrysene	21.33	228	255	2.806	ng/ul#	49
87) Di-n-octyl phthalate	22.17	149	120	3.357	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	442	12.411	ng/ul#	1
89) Benzo(k)fluoranthene	22.97	252	460	13.451	ng/ul#	1
91) Benzo(a)pyrene	23.52	252	193	5.685	ng/ul#	1

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016855.D
Acq On : 22 Sep 2018 05:33
Operator : SJ/JU
Sample : J5012-10DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 24 01:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 05:13:53 2018
Response via : Initial Calibration

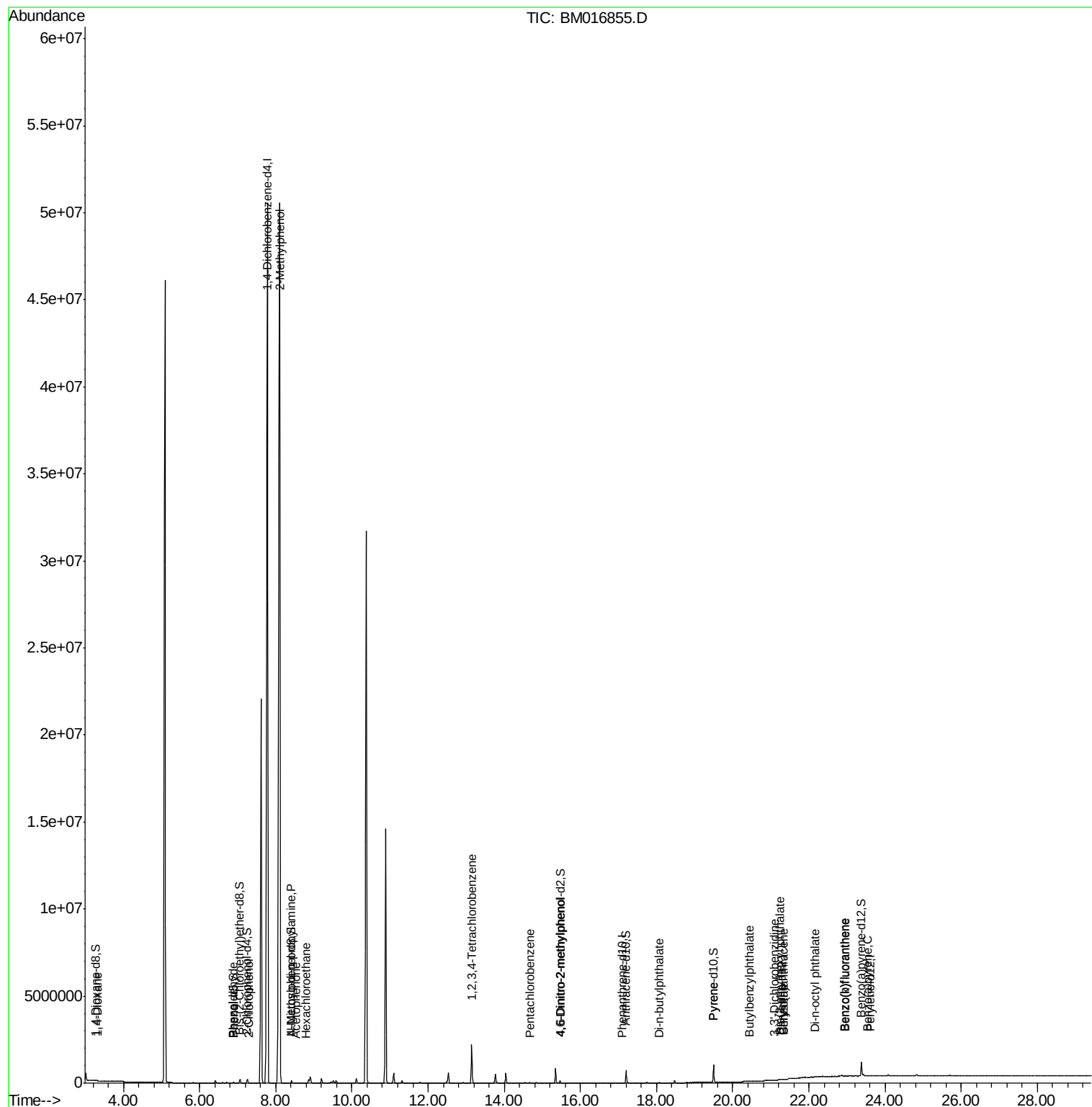
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

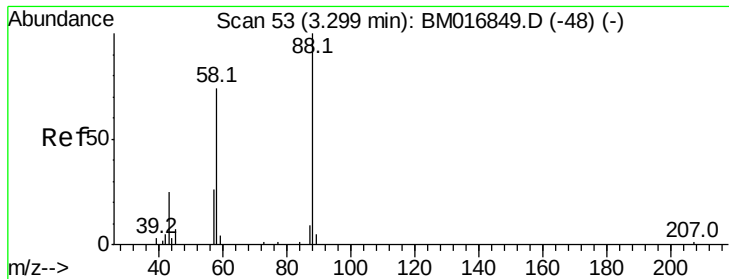
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016855.D
Acq On : 22 Sep 2018 05:33
Operator : SJ/JU
Sample : J5012-10DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 24 01:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 05:13:53 2018
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.595 ng/uL

RT: 3.32 min Scan# 57

Delta R.T. 0.02 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampled :

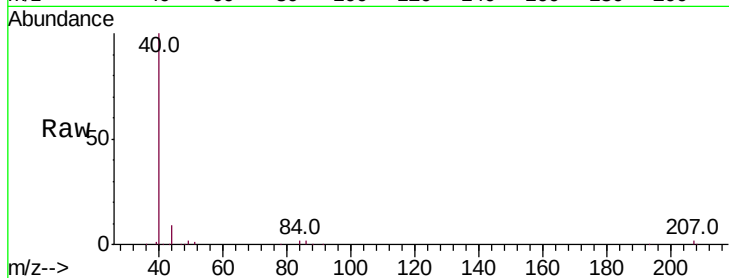
Tot Ion: 88 Resp: 376

Ion Ratio Lower Upper

88 100

43 126.7 29.0 43.4#

58 0.0 45.9 68.9#



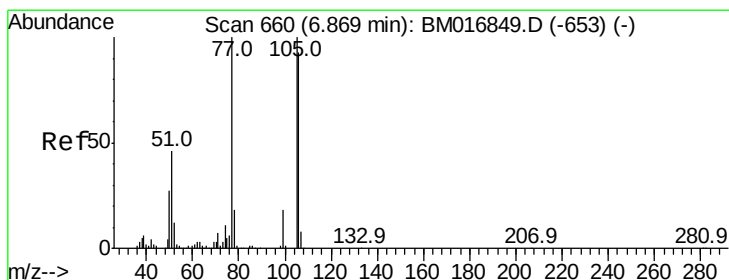
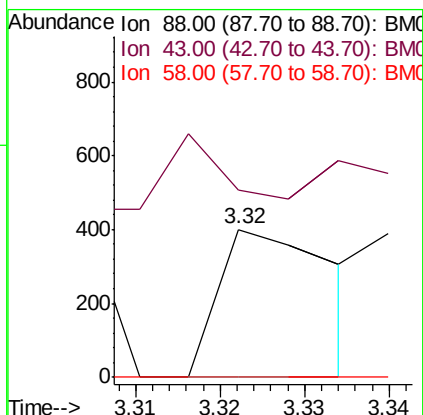
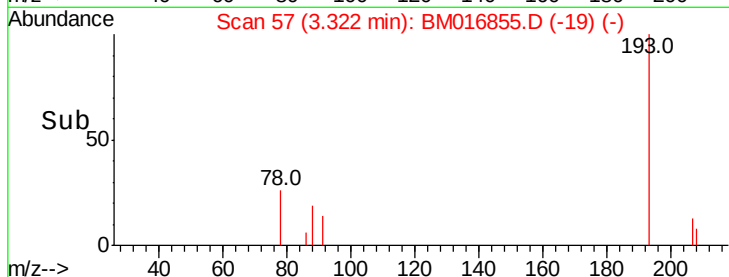
Abundance Ion 88.00 (87.70 to 88.70): BM016849.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM016849.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM016849.D (-48) (-)

3.32

Time-->



#4

Benzaldehyde

Concen: 6.139 ng/uL

RT: 6.88 min Scan# 662

Delta R.T. 0.01 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

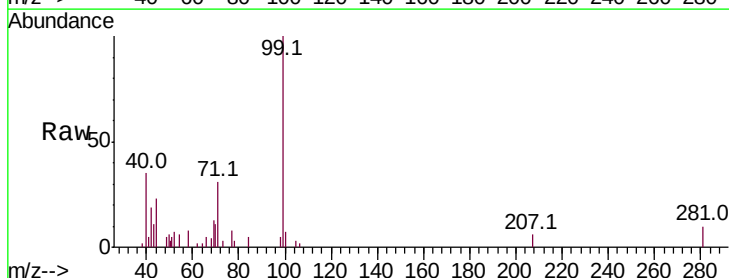
Tgt Ion: 77 Resp: 1735

Ion Ratio Lower Upper

77 100

105 36.0 71.0 106.6#

106 30.3 69.5 104.3#



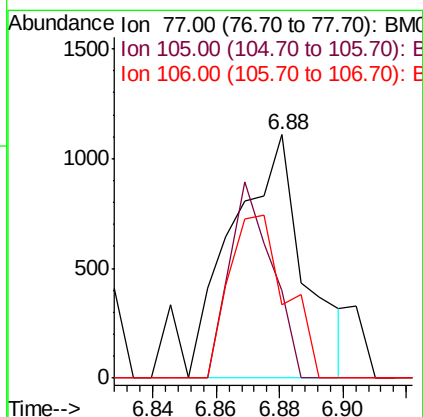
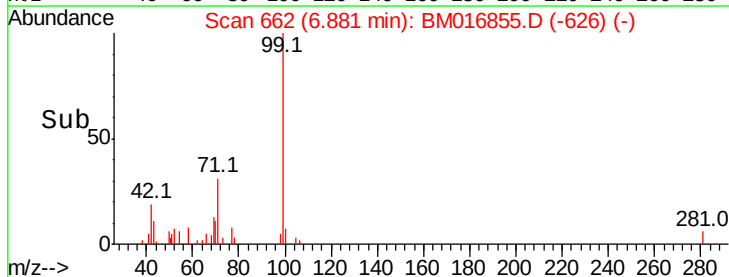
Abundance Ion 77.00 (76.70 to 77.70): BM016849.D (-653) (-)

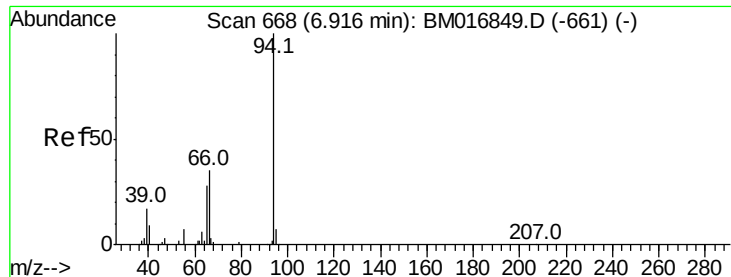
Ion 105.00 (104.70 to 105.70): BM016849.D (-653) (-)

Ion 106.00 (105.70 to 106.70): BM016849.D (-653) (-)

6.88

Time-->





#6

Phenol

Concen: 1.029 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampled :

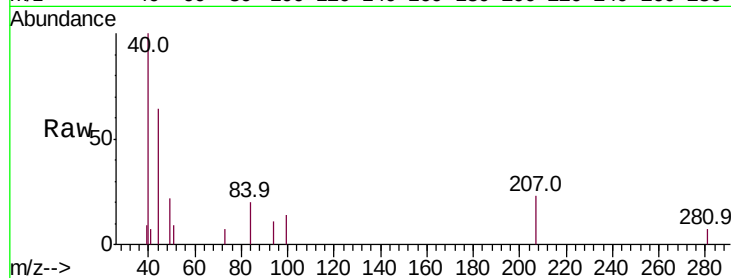
Tot Ion: 94 Resp: 516

Ion Ratio Lower Upper

94 100

65 0.0 23.0 34.6#

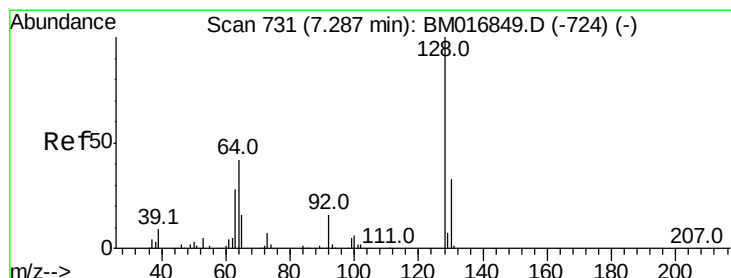
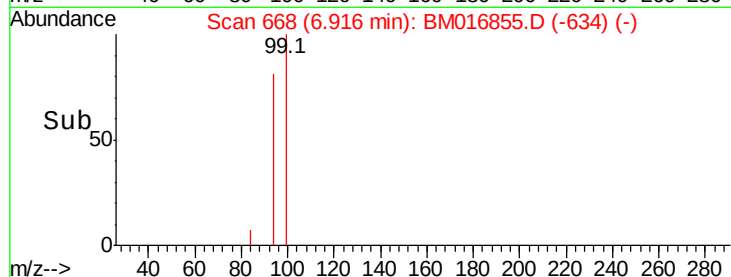
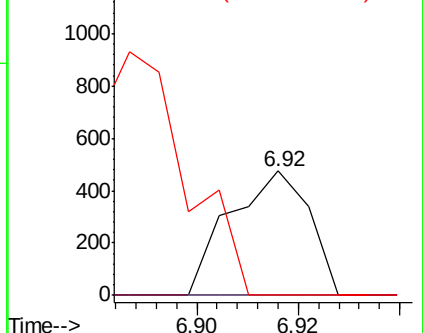
66 0.0 30.4 45.6#



Abundance Ion 94.00 (93.70 to 94.70): BM016849.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016849.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016849.D (-661) (-)



#10

2-Chlorophenol

Concen: 3.658 ng/ul

RT: 7.29 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

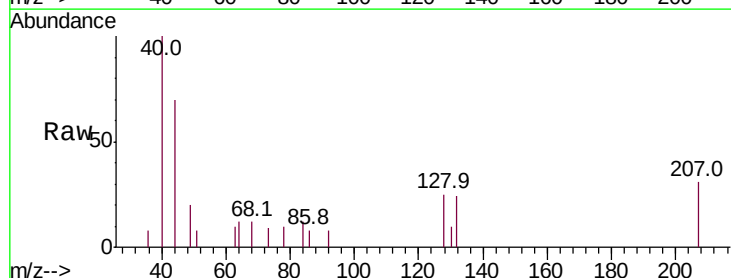
Tgt Ion: 128 Resp: 1506

Ion Ratio Lower Upper

128 100

64 48.7 39.8 59.6

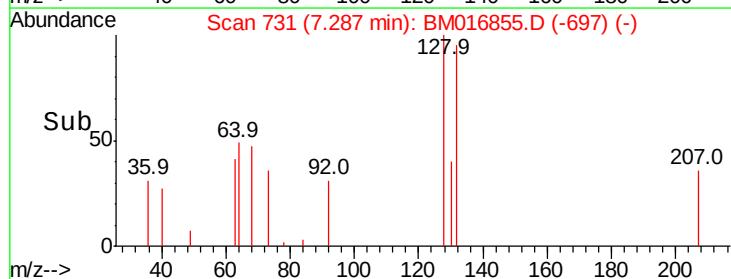
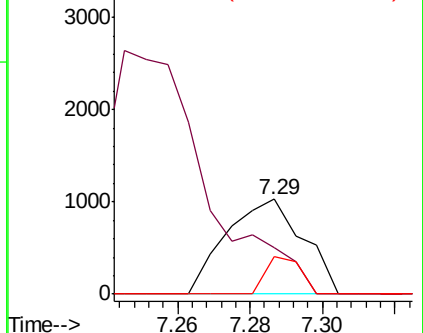
130 39.6 25.8 38.8#

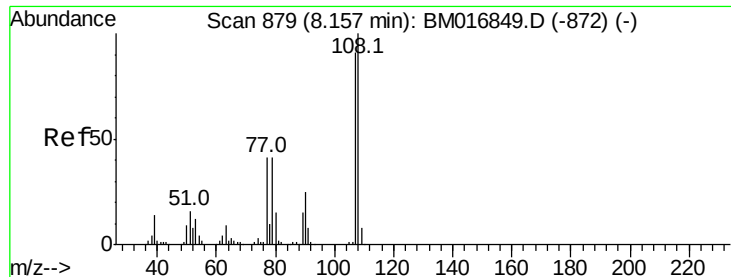


Abundance Ion 128.00 (127.70 to 128.70): BM016849.D (-724) (-)

Ion 64.00 (63.70 to 64.70): BM016849.D (-724) (-)

Ion 130.00 (129.70 to 130.70): BM016849.D (-724) (-)

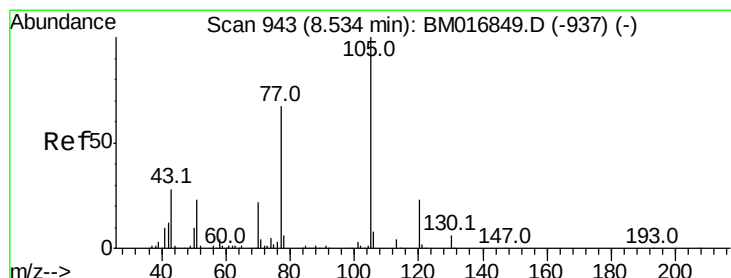
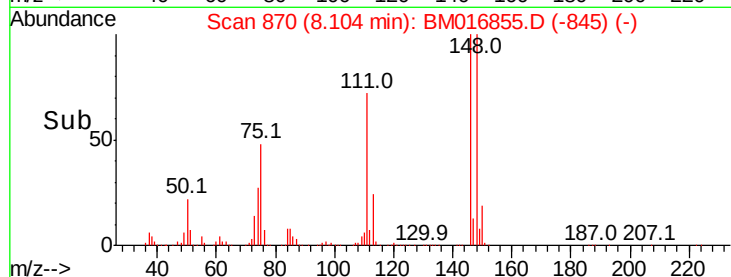
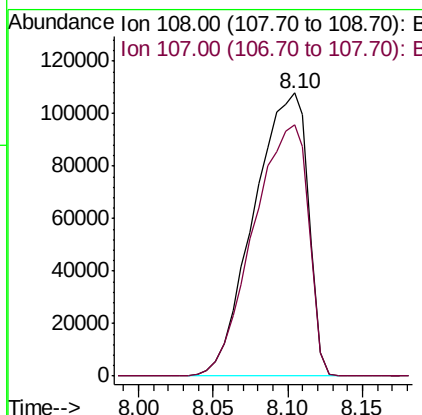
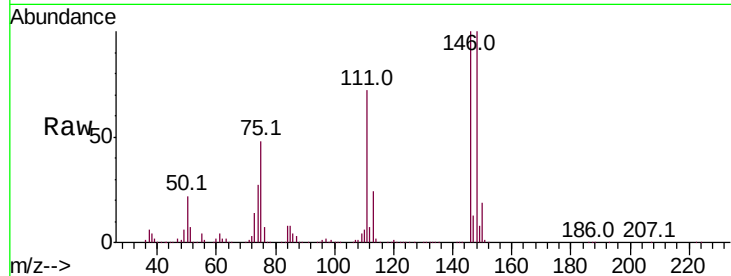




#11
2-Methylphenol
Concen: 727.697 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. -0.05 min
Lab File: BM016855.D
Acq: 22 Sep 2018 05:33

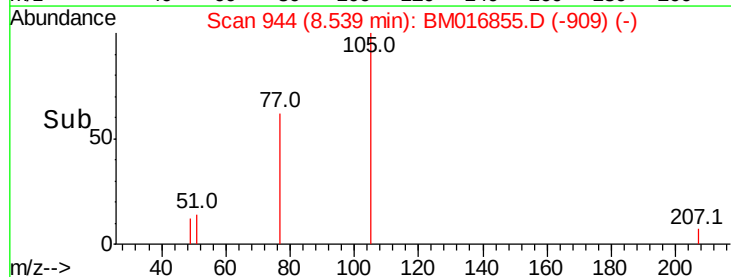
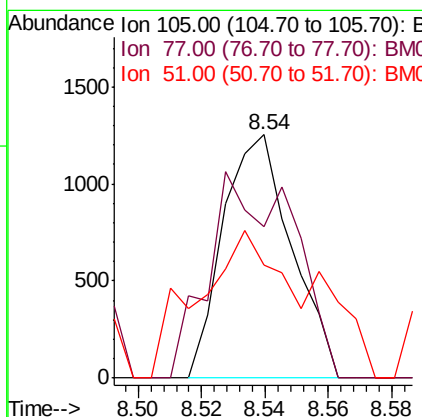
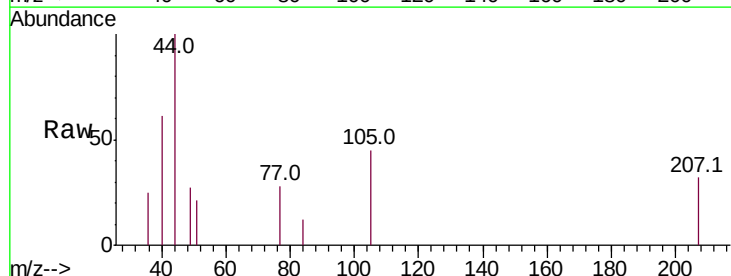
Instrument :
BNA_M
ClientSampleId :

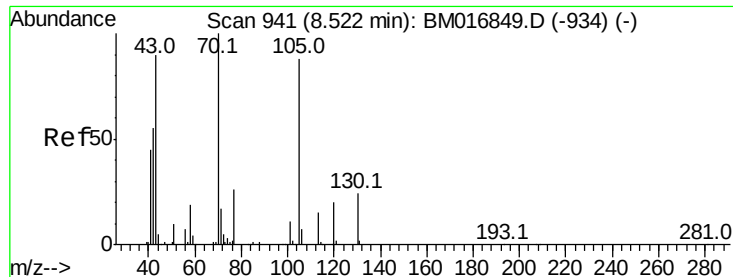
Tot Ion:108 Resp: 273398
Ion Ratio Lower Upper
108 100
107 88.6 74.1 111.1



#14
Acetophenone
Concen: 3.115 ng/ul
RT: 8.54 min Scan# 944
Delta R.T. 0.01 min
Lab File: BM016855.D
Acq: 22 Sep 2018 05:33

Tgt Ion:105 Resp: 1876
Ion Ratio Lower Upper
105 100
77 62.0 63.2 94.8#
51 46.6 19.8 29.8#





#15

N-Nitroso-di-n-propylamine

Concen: 3.026 ng/ul

RT: 8.42 min Scan# 923

Delta R.T. -0.11 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 912

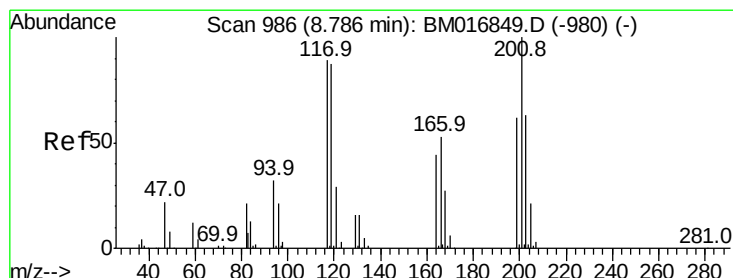
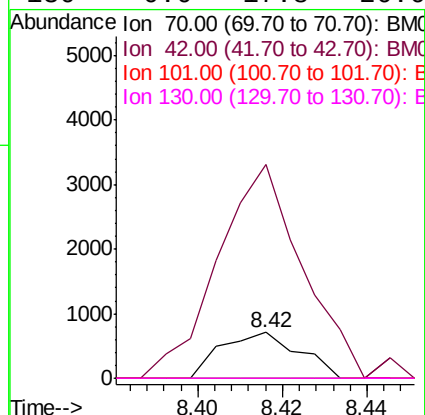
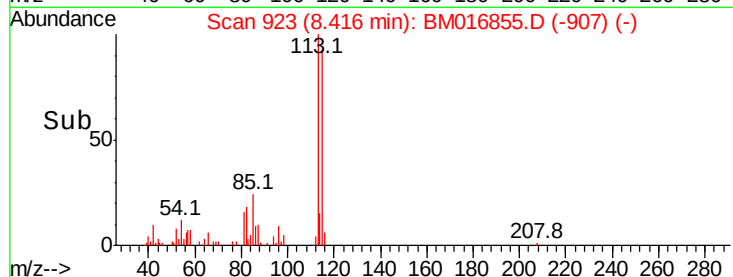
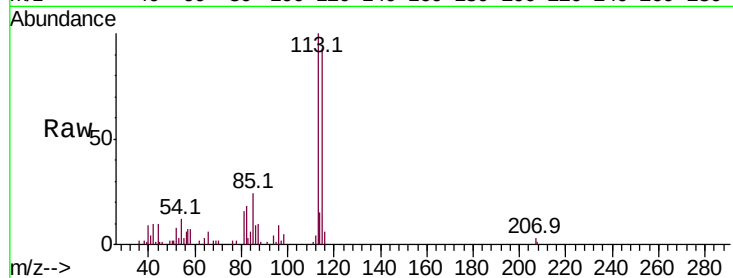
Ion Ratio Lower Upper

70 100

42 466.1 40.2 60.4#

101 0.0 7.7 11.5#

130 0.0 17.8 26.6#



#17

Hexachloroethane

Concen: 7.854 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.01 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

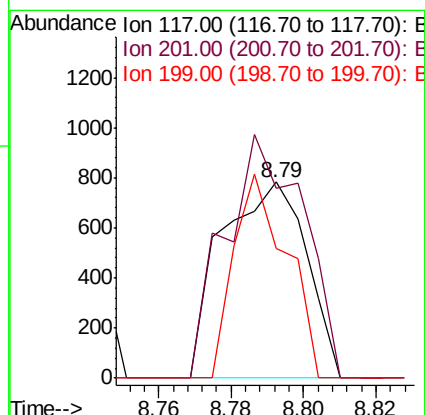
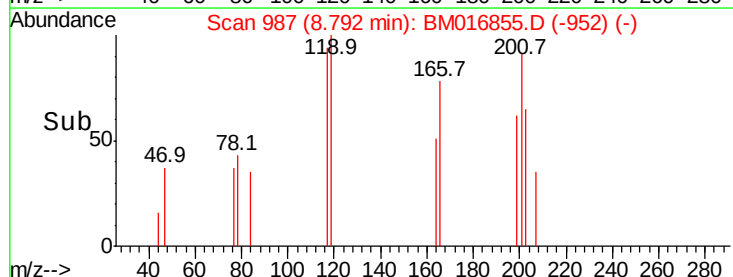
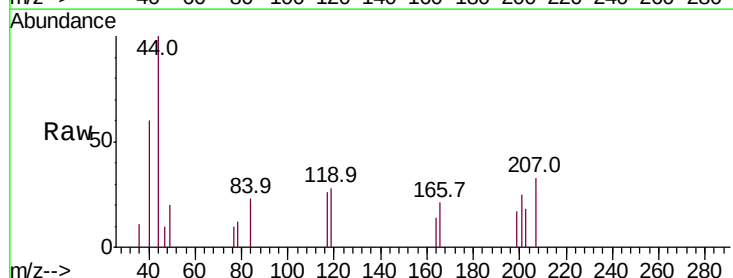
Tgt Ion: 117 Resp: 1270

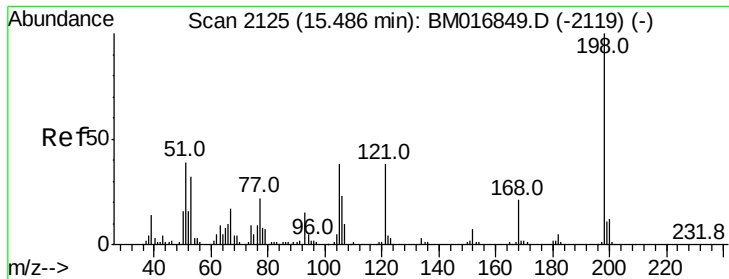
Ion Ratio Lower Upper

117 100

201 96.8 96.1 144.1

199 66.0 59.7 89.5





#64

4,6-Dinitro-2-methylphenol

Concen: 181.086 ng/uL

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampleId :

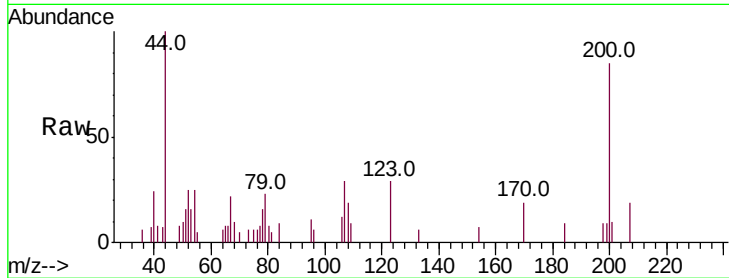
Tot Ion:198 Resp: 641

Ion Ratio Lower Upper

198 100

182 0.0 3.5 5.3#

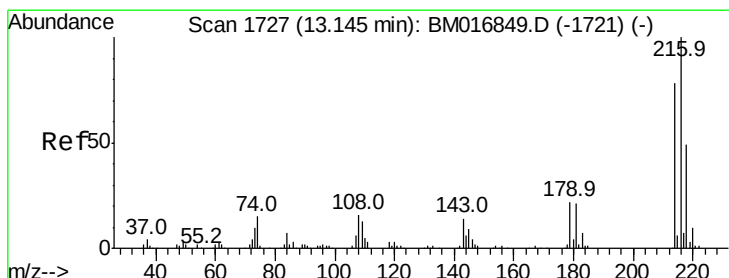
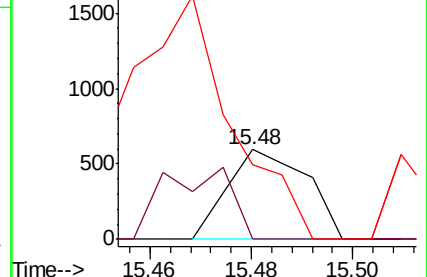
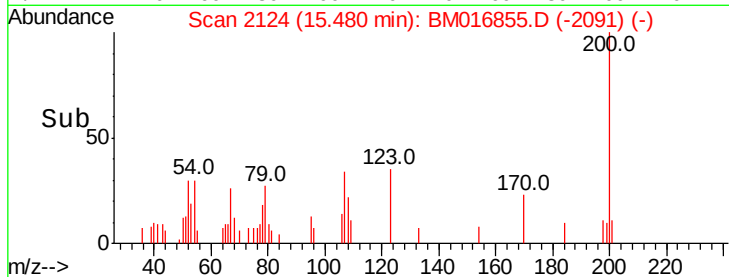
77 83.1 18.2 27.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 53441.868 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

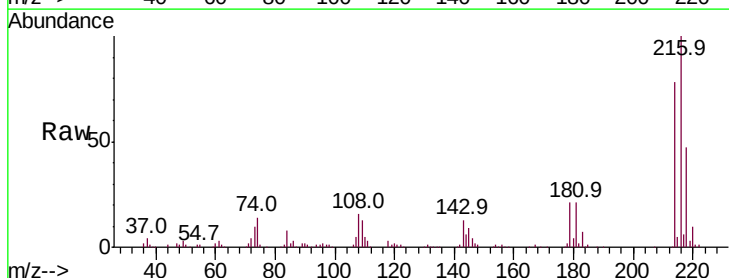
Tgt Ion:216 Resp: 680182

Ion Ratio Lower Upper

216 100

214 77.6 64.1 96.1

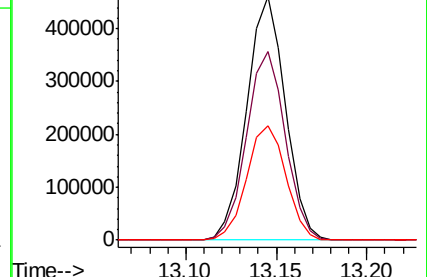
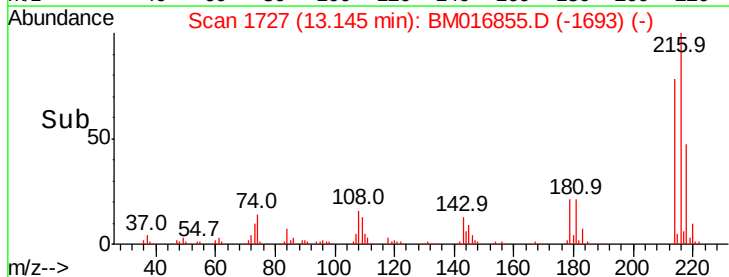
218 47.2 39.4 59.0

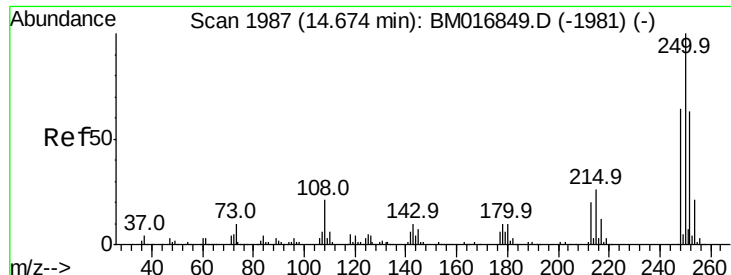


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

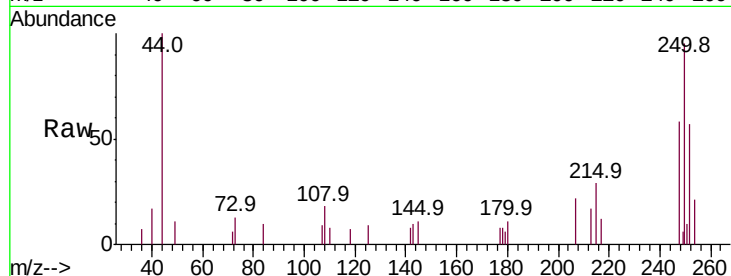




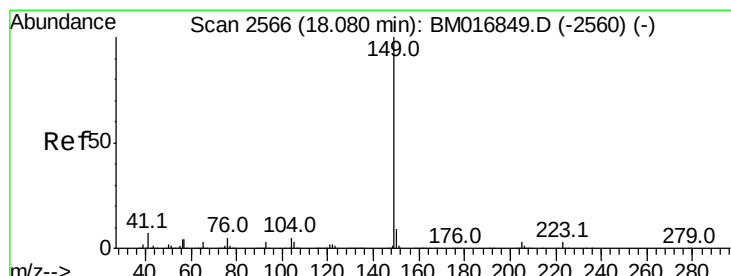
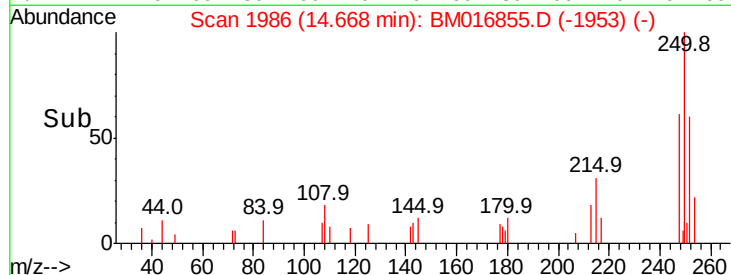
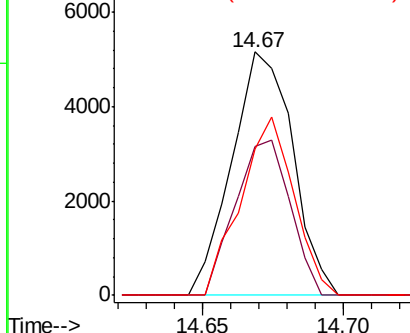
#74
 Pentachlorobenzene
 Concen: 673.375 ng/uL
 RT: 14.67 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
250	100		
248	61.0	51.4	77.2
252	59.8	49.8	74.6

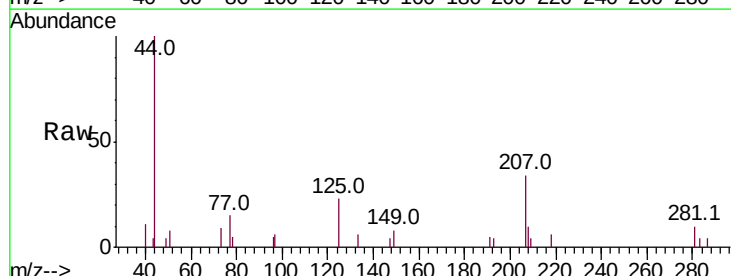


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

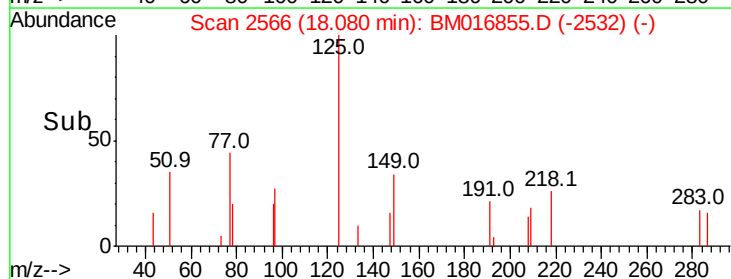
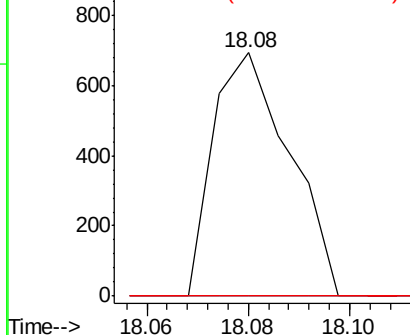


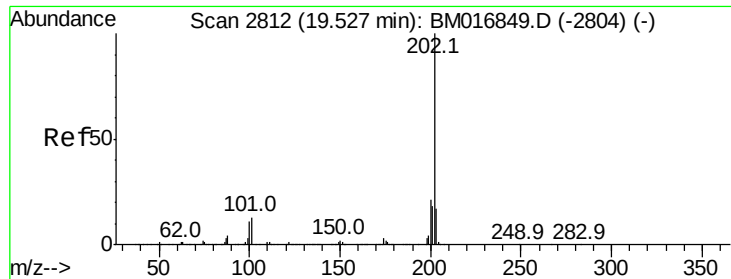
#76
 Di-n-butylphthalate
 Concen: 16.164 ng/uL
 RT: 18.08 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	4.1	6.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

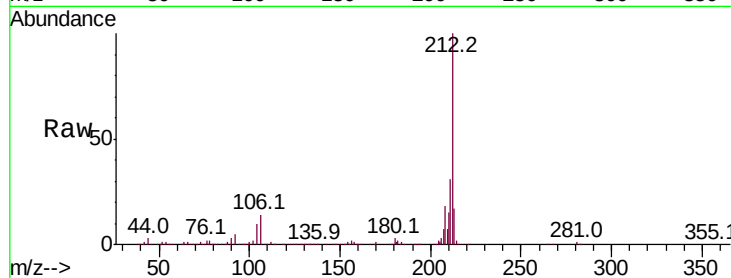




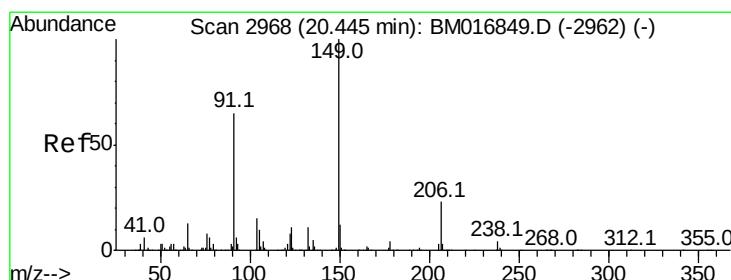
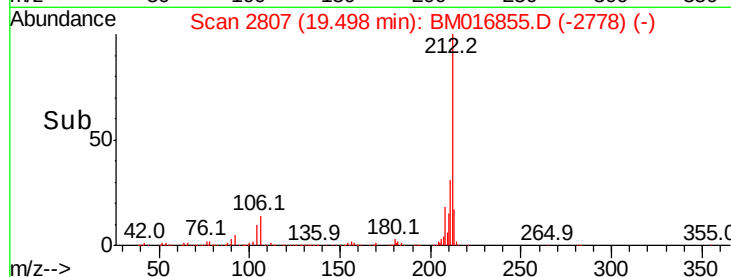
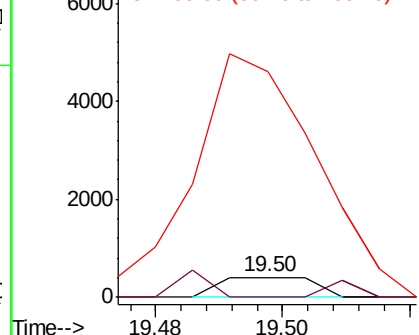
#80
Pvrene
Concen: 4.408 ng/ul
RT: 19.50 min Scan# 2807
Delta R.T. -0.03 min
Lab File: BM016855.D
Acq: 22 Sep 2018 05:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 426
Ion Ratio Lower Upper
202 100
101 0.0 6.9 10.3#
100 1127.2 5.6 8.4#

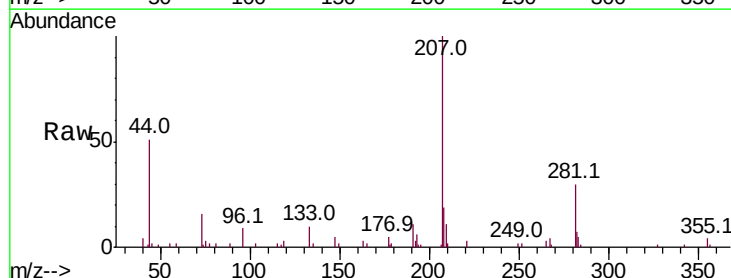


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

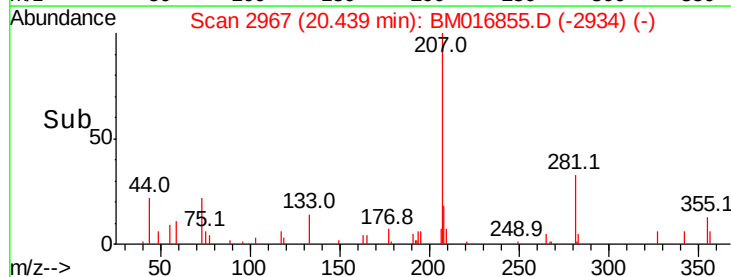
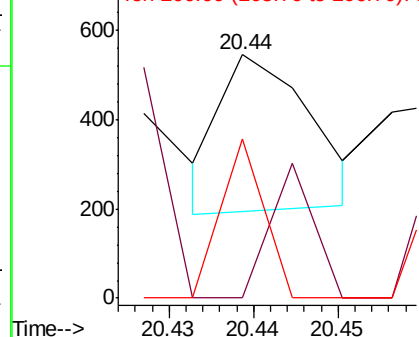


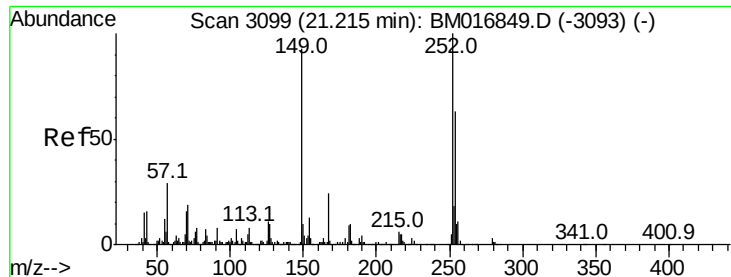
#81
Butylbenzylphthalate
Concen: 7.218 ng/ul
RT: 20.44 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016855.D
Acq: 22 Sep 2018 05:33

Tgt Ion:149 Resp: 258
Ion Ratio Lower Upper
149 100
91 0.0 53.4 80.0#
206 65.2 19.3 28.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

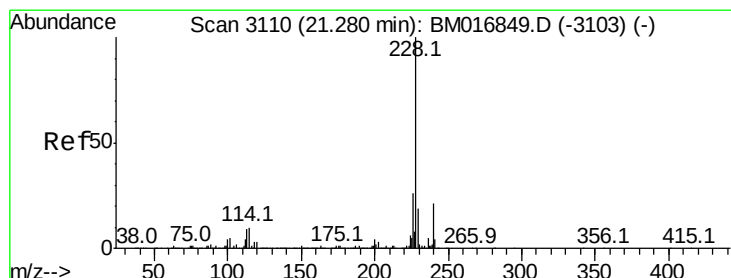
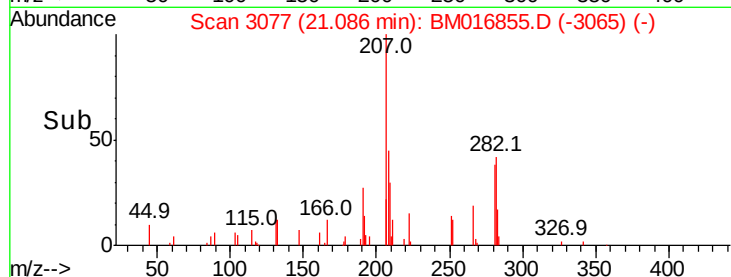
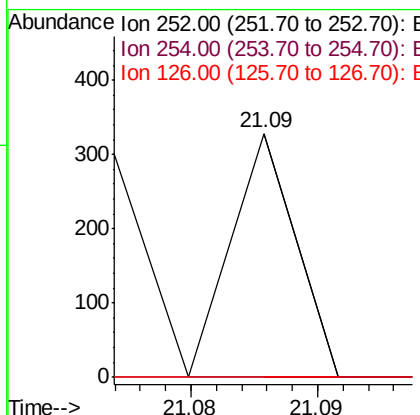
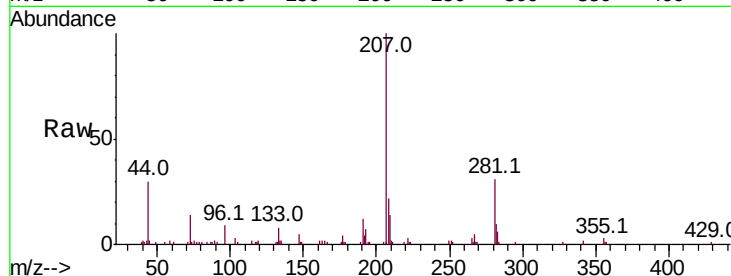




#82
 3,3'-Dichlorobenzidine
 Concen: 3.720 ng/ul
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.13 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

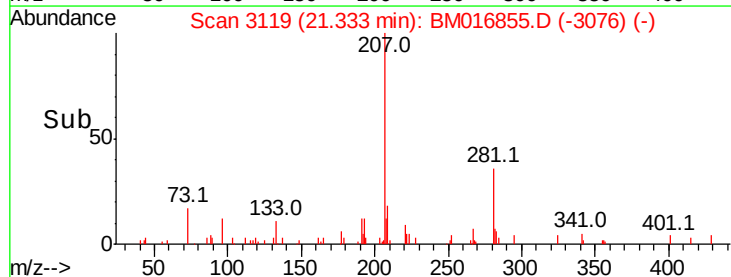
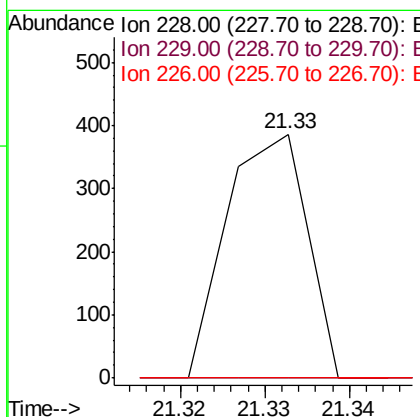
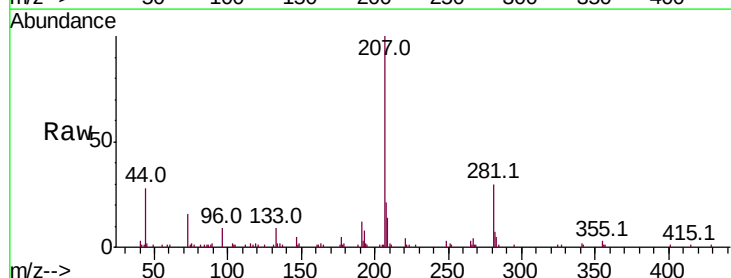
Instrument :
 BNA_M
 ClientSampleId :

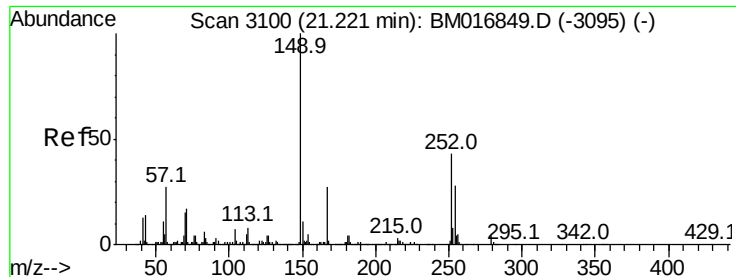
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.8	79.2#
126	0.0	6.9	10.3#



#83
 Benzo(a)anthracene
 Concen: 2.617 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. 0.05 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	0.0	16.0	24.0#
226	0.0	21.8	32.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.866 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampled :

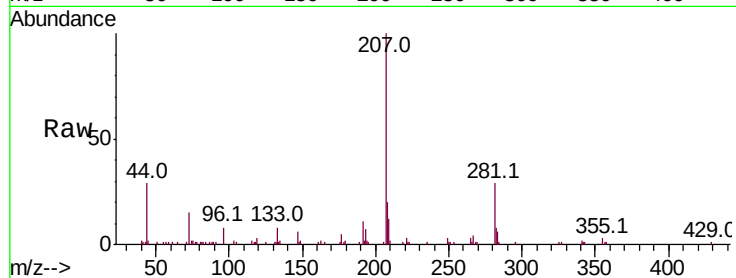
Tot Ion:149 Resp: 498

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.6#

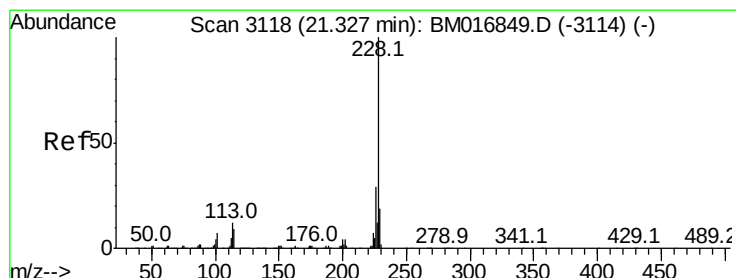
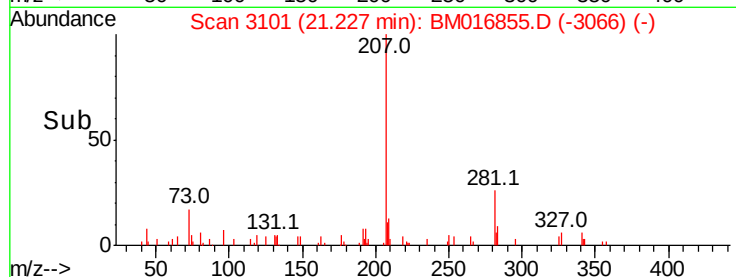
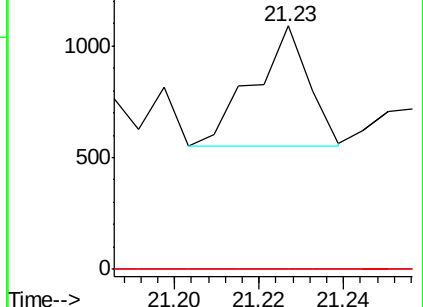
279 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.806 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

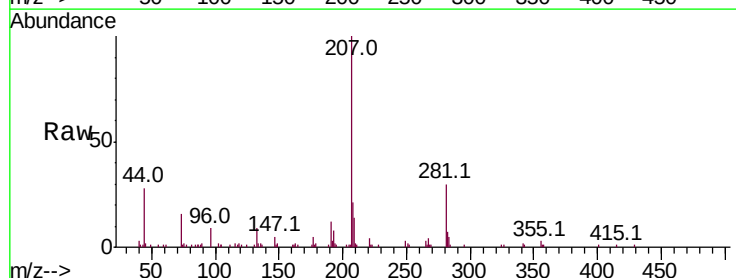
Tgt Ion:228 Resp: 255

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

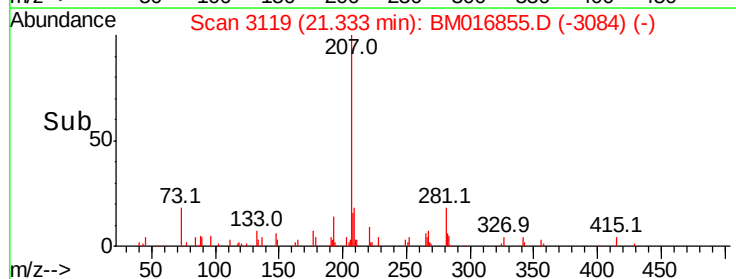
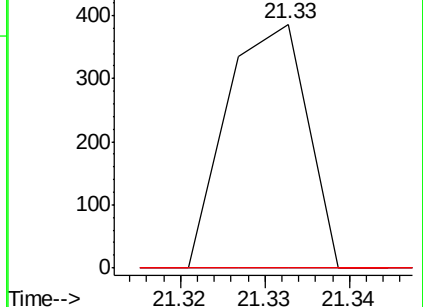
229 0.0 16.0 24.0#

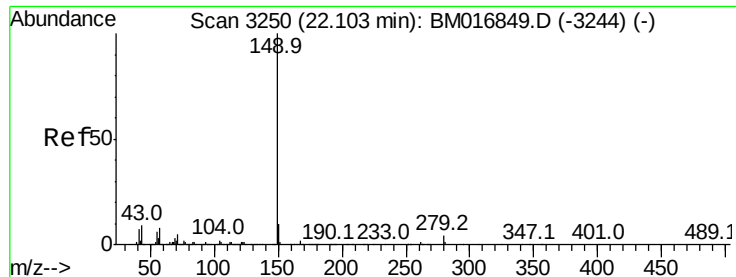


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

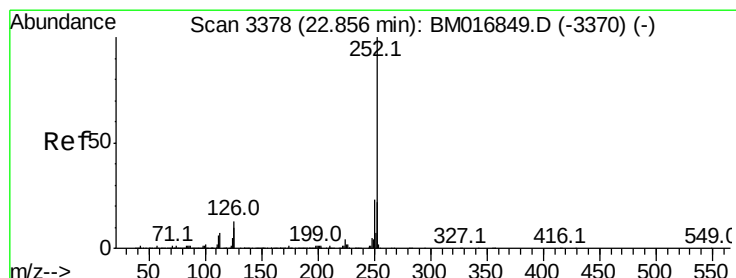
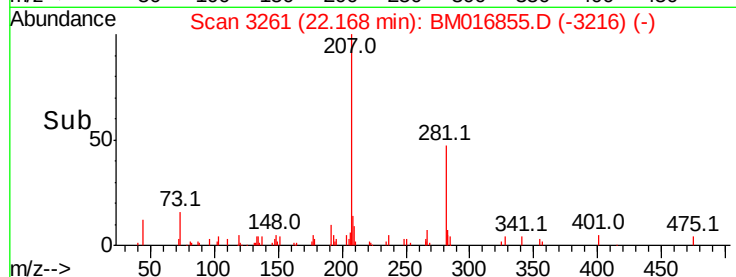
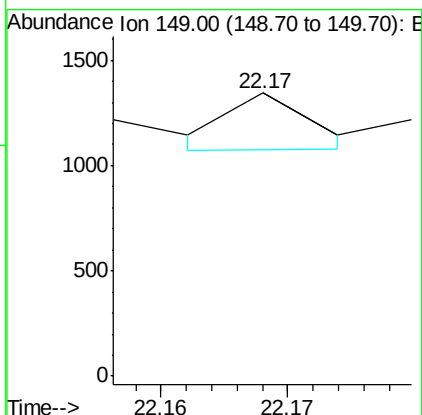
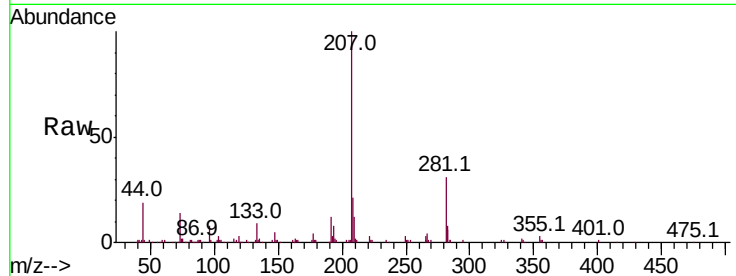




#87
 Di-n-octyl phthalate
 Concen: 3.357 ng/ul
 RT: 22.17 min Scan# 3261
 Delta R.T. 0.06 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

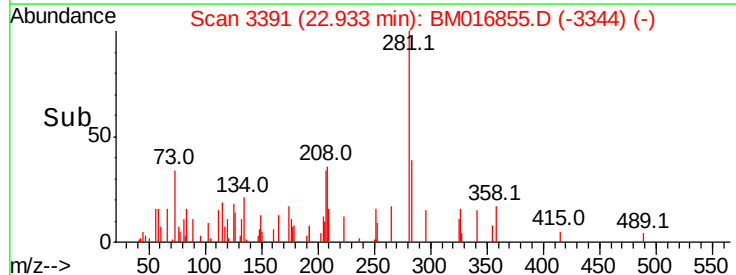
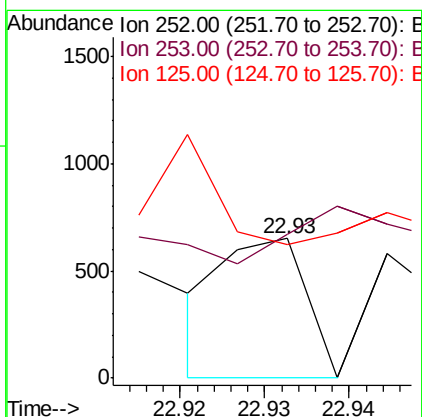
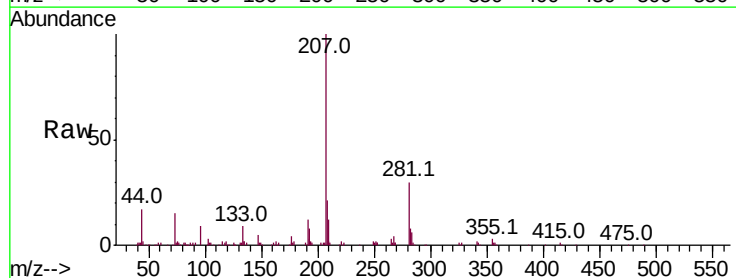
Instrument :
 BNA_M
 ClientSampleId :

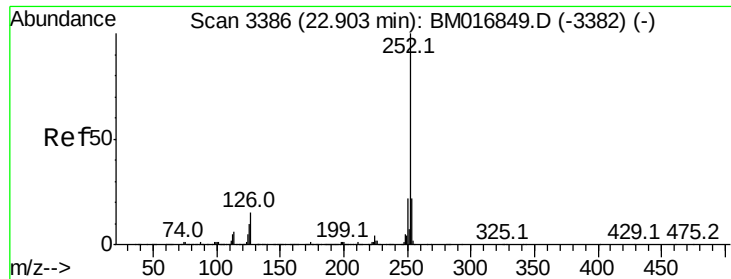
Tgt Ion:149 Resp: 120



#88
 Benzo(b)fluoranthene
 Concen: 12.411 ng/ul
 RT: 22.93 min Scan# 3391
 Delta R.T. 0.08 min
 Lab File: BM016855.D
 Acq: 22 Sep 2018 05:33

Tgt Ion:252 Resp: 442
 Ion Ratio Lower Upper
 252 100
 253 102.9 17.4 26.0#
 125 96.2 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 13.451 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.07 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Instrument :

BNA_M

ClientSampled :

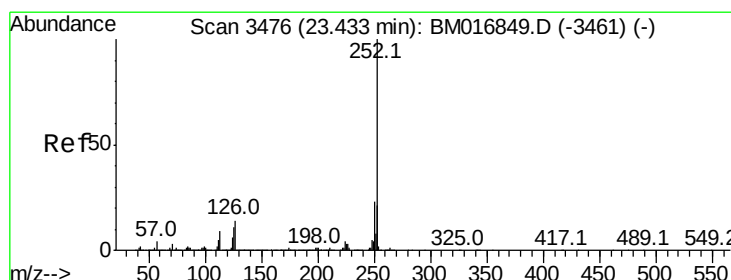
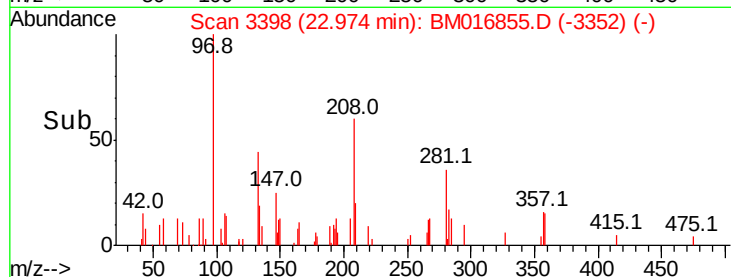
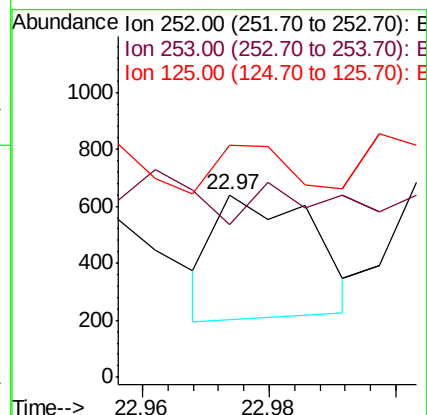
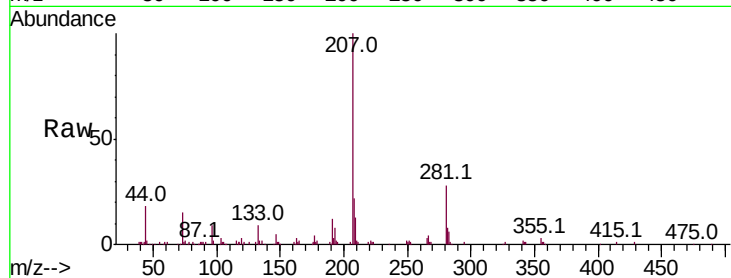
Tot Ion:252 Resp: 460

Ion Ratio Lower Upper

252 100

253 83.3 17.1 25.7#

125 127.3 5.4 8.0#



#91

Benzo(a)pyrene

Concen: 5.685 ng/ul

RT: 23.52 min Scan# 3491

Delta R.T. 0.09 min

Lab File: BM016855.D

Acq: 22 Sep 2018 05:33

Tgt Ion:252 Resp: 193

Ion Ratio Lower Upper

252 100

253 129.4 17.2 25.8#

125 85.9 5.8 8.6#

