

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016856.D
 Acq On : 22 Sep 2018 06:09
 Operator : SJ/JU
 Sample : J5012-04DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08K7DL

Quant Time: Sep 24 01:14:24 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	7.78	152	7948	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	17.20	188	398841	20.00	ng/ul	0.09
78) Chrysene-d12	21.29	240	1533	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	522839	20.00	ng/ul	-0.15

System Monitoring Compounds

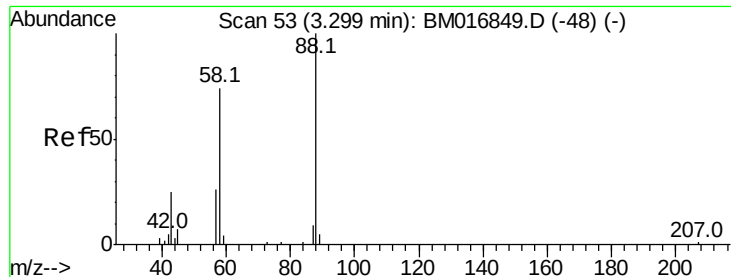
3) 1,4-Dioxane-d8	3.27	96	10559	56.81	ng/uL	0.00
5) Phenol-d5	6.89	99	27490	41.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	85592	206.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	87429	159.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	53810	103.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	53162	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	49240	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	92614	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	5422	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	324920	0.00	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	375924	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	7598	0.00	ng/ul	0.00
58) Fluorene-d10	15.35	176	280885	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	25996	15.88	ng/ul	0.00
71) Anthracene-d10	17.32	188	440	0.02	ng/ul	0.12
79) Pyrene-d10	19.50	212	473459	6364.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	519375	19.04	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.33	88	262	1.355	ng/uL#	29
8) Bis(2-Chloroethyl)ether	7.15	93	741	1.438	ng/ul#	70
11) 2-Methylphenol	8.10	108	311045	620.197	ng/ul	94
14) Acetophenone	8.54	105	2141	2.663	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.42	70	948	2.356	ng/ul#	1
17) Hexachloroethane	8.79	117	2527	11.707	ng/ul#	84
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	496452	75.207	ng/uL	98
80) Pvrene	19.50	202	657	6.980	ng/ul#	1
81) Butylbenzylphthalate	20.45	149	268	7.699	ng/ul#	26
82) 3,3'-Dichlorobenzidine	21.16	252	234	7.705	ng/ul#	24
83) Benzo(a)anthracene	21.33	228	426	4.489	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.23	149	1039	18.991	ng/ul#	52
85) Chrysene	21.33	228	426	4.813	ng/ul#	49

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\  
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Acq On    : 22 Sep 2018 06:09  
Operator  : SJ/JU  
Sample    : J5012-04DL 5X  
Misc      :  
ALS Vial  : 35      Sample Multiplier: 1
```



#2

1,4-Dioxane

Concen: 1.355 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. 0.03 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

Instrument :

BNA_M

ClientSampled :

C08K7DL

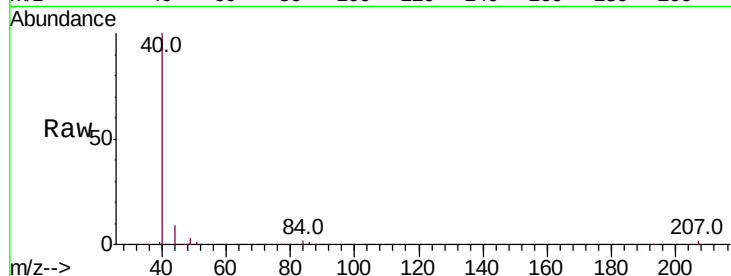
Tot Ion: 88 Resp: 262

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 0.0 45.9 68.9#



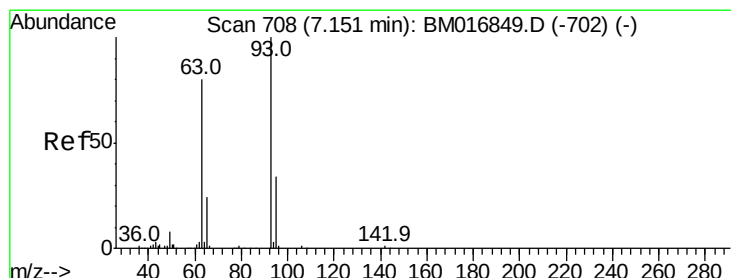
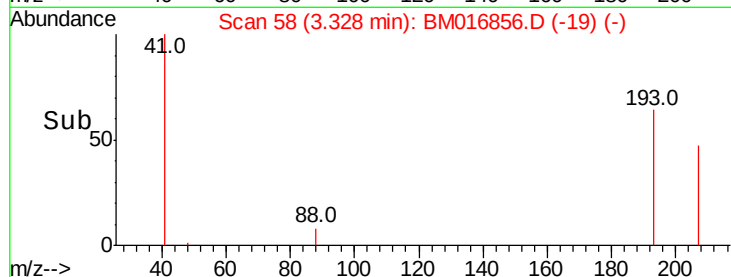
Abundance Ion 88.00 (87.70 to 88.70): BM016849.D (-48) (-)

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

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

Time-->

3.32 3.33 3.34



#8

Bis(2-Chloroethyl)ether

Concen: 1.438 ng/uL

RT: 7.15 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

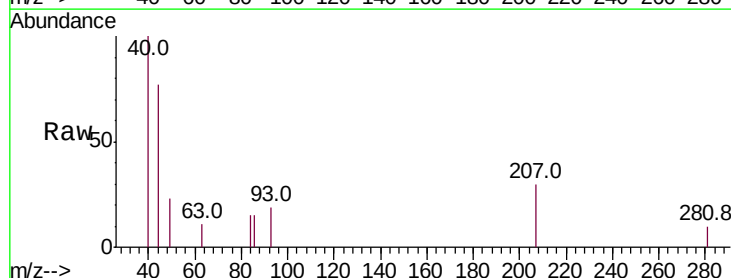
Tgt Ion: 93 Resp: 741

Ion Ratio Lower Upper

93 100

63 59.3 59.4 89.2#

95 0.0 26.4 39.6#



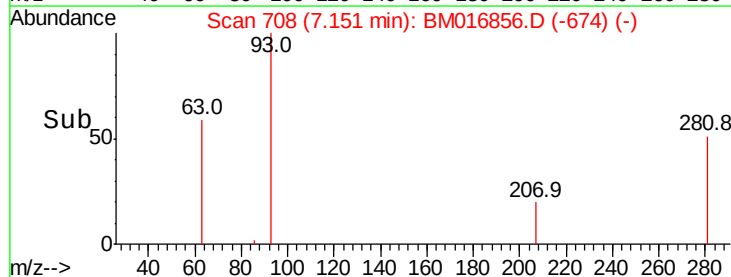
Abundance Ion 93.00 (92.70 to 93.70): BM016849.D (-702) (-)

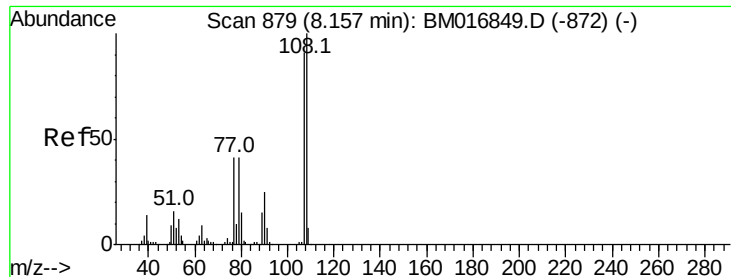
Ion 63.00 (62.70 to 63.70): BM016849.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016849.D (-702) (-)

Time-->

7.14 7.15 7.16





#11

2-Methylphenol

Concen: 620.197 ng/ul

RT: 8.10 min Scan# 870

Delta R.T. -0.05 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

Instrument :

BNA_M

ClientSampleId :

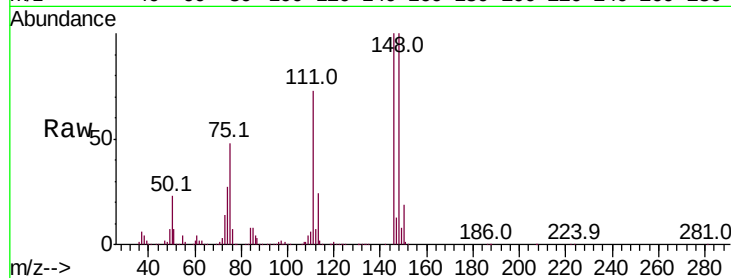
C08K7DL

Tot Ion:108 Resp: 311045

Ion Ratio Lower Upper

108 100

107 87.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.10

120000

100000

80000

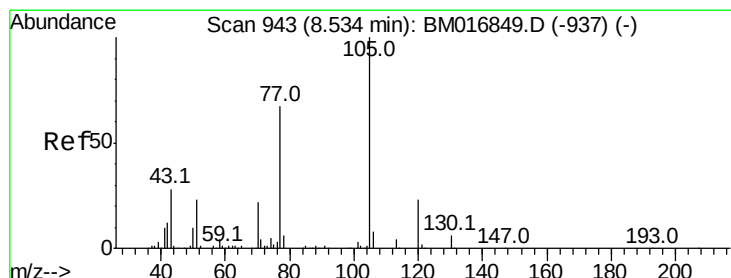
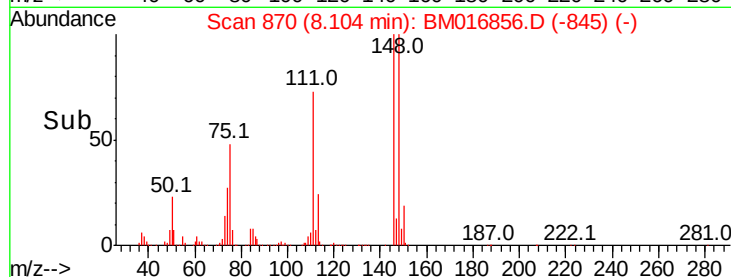
60000

40000

20000

0

Time--> 8.00 8.05 8.10 8.15



#14

Acetophenone

Concen: 2.663 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. 0.01 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

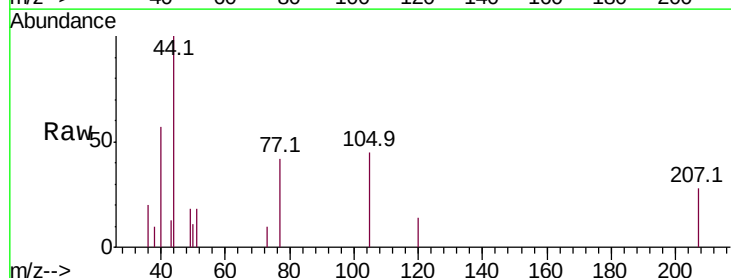
Tgt Ion:105 Resp: 2141

Ion Ratio Lower Upper

105 100

77 92.6 63.2 94.8

51 39.9 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

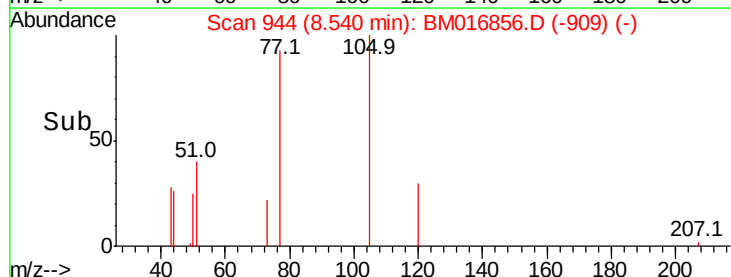
1500

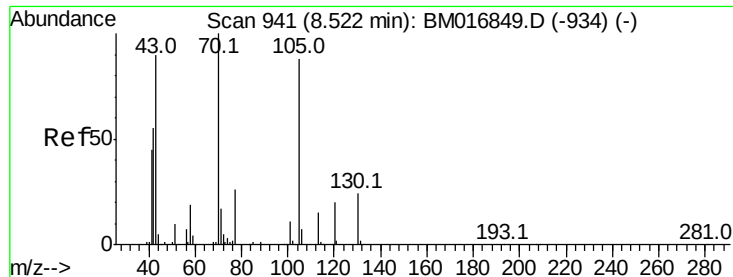
1000

500

0

Time--> 8.50 8.52 8.54 8.56 8.58





#15

N-Nitroso-di-n-propylamine

Concen: 2.356 ng/ul

RT: 8.42 min Scan# 923

Delta R.T. -0.11 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

Instrument :

BNA_M

ClientSampleId :

C08K7DL

Tot Ion: 70 Resp: 948

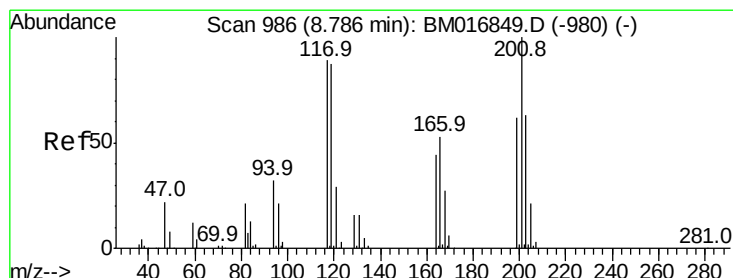
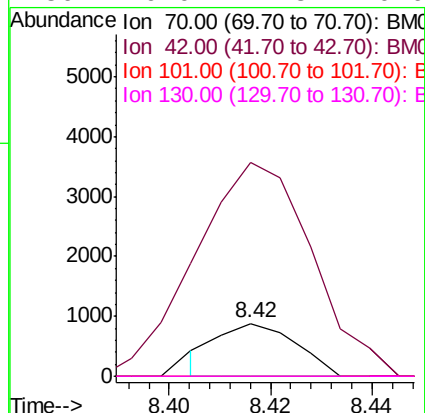
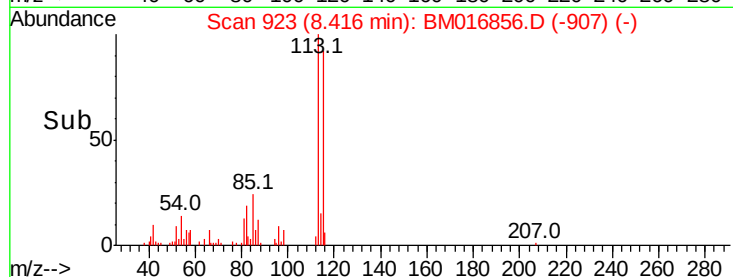
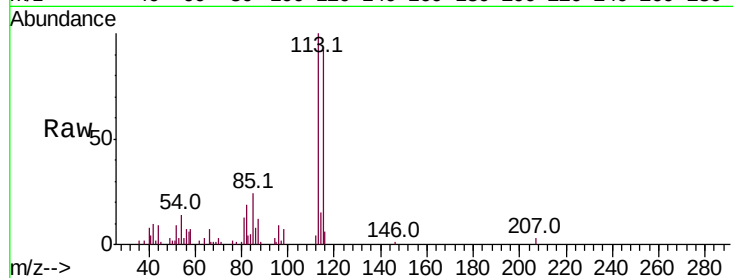
Ion Ratio Lower Upper

70 100

42 403.1 40.2 60.4#

101 0.0 7.7 11.5#

130 0.0 17.8 26.6#



#17

Hexachloroethane

Concen: 11.707 ng/ul

RT: 8.79 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

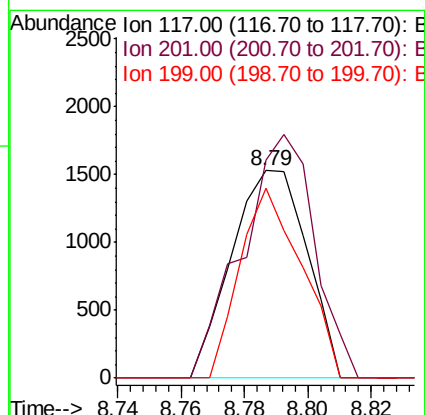
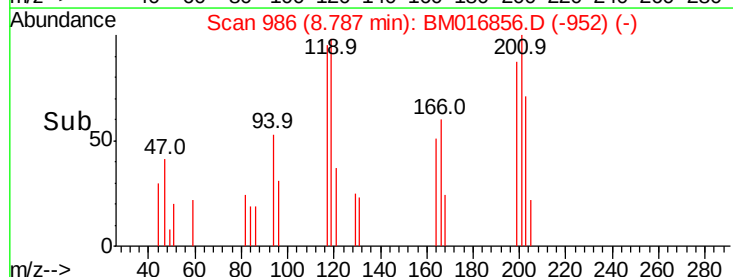
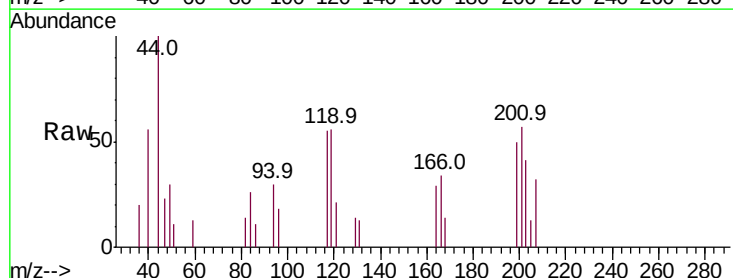
Tgt Ion: 117 Resp: 2527

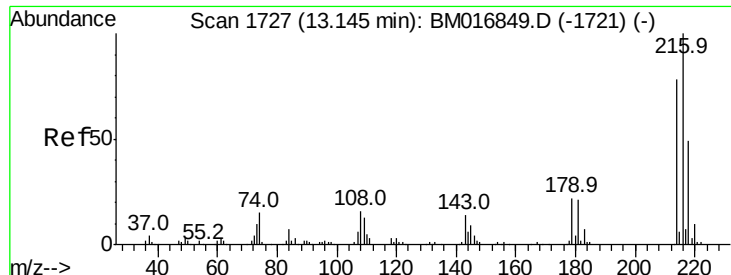
Ion Ratio Lower Upper

117 100

201 104.8 96.1 144.1

199 91.4 59.7 89.5#

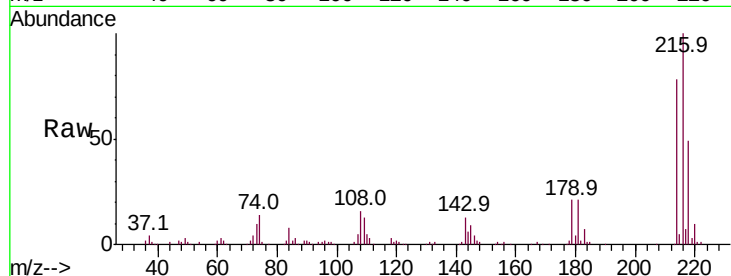




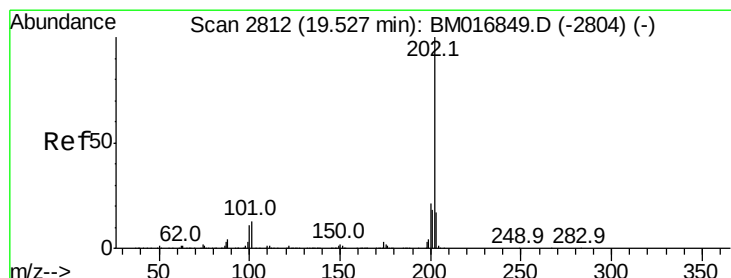
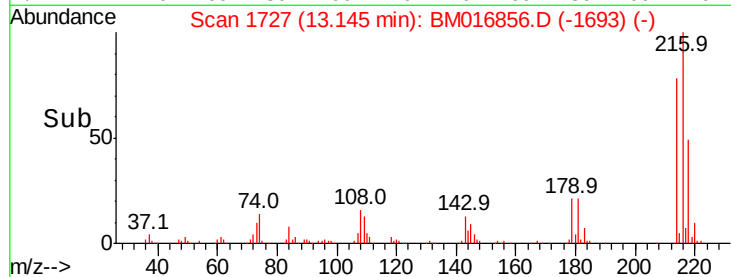
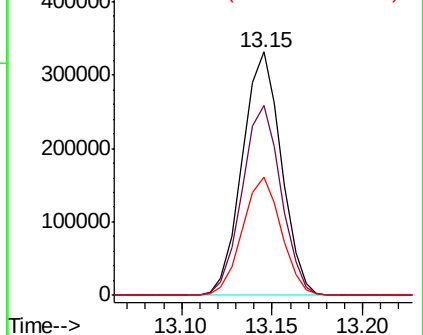
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 75.207 ng/uL
 RT: 13.15 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BM016856.D
 Acq: 22 Sep 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 C08K7DL

Tot Ion:	216	Resp:	496452
Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
218	48.8	39.4	59.0

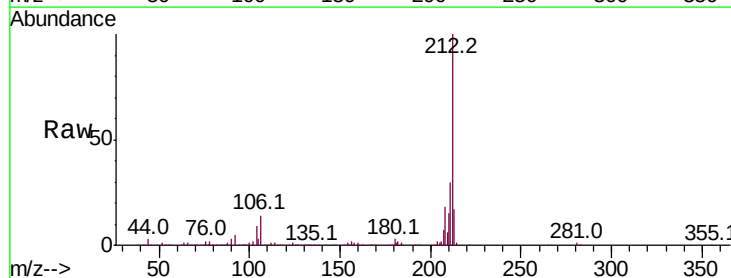


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

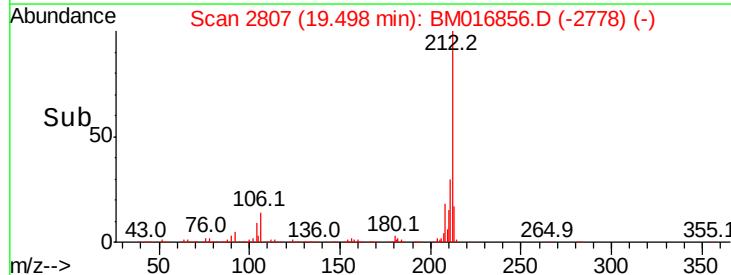
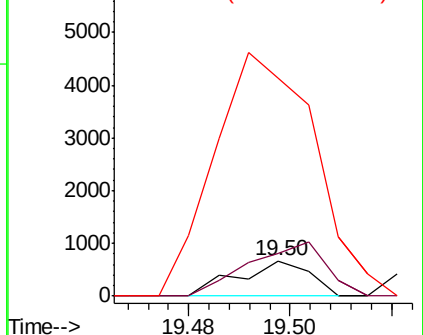


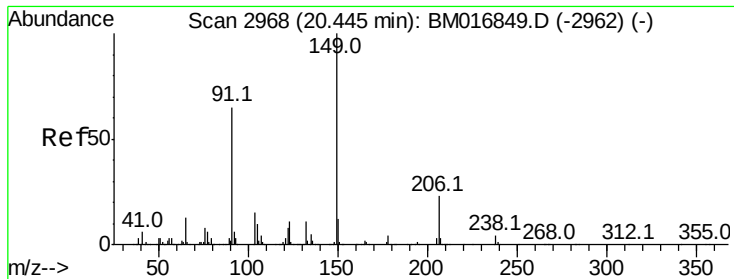
#80
 Pyrene
 Concen: 6.980 ng/uL
 RT: 19.50 min Scan# 2807
 Delta R.T. -0.03 min
 Lab File: BM016856.D
 Acq: 22 Sep 2018 06:09

Tgt Ion:	202	Resp:	657
Ion	Ratio	Lower	Upper
202	100		
101	121.9	6.9	10.3#
100	619.8	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): E

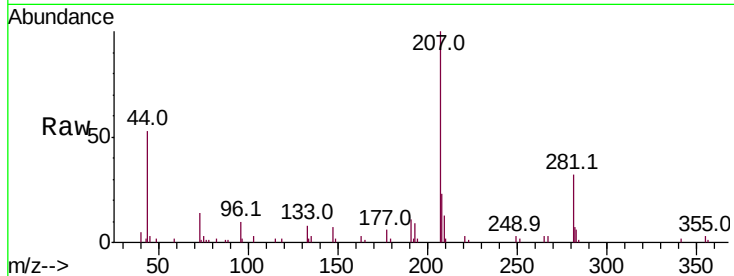




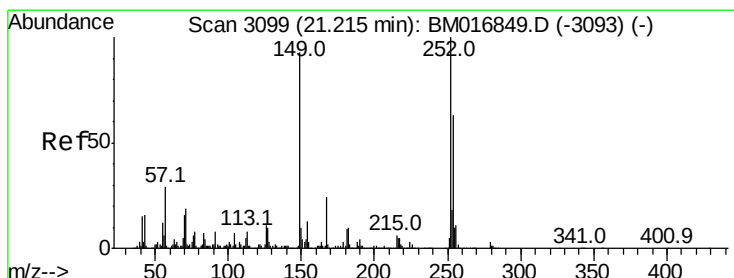
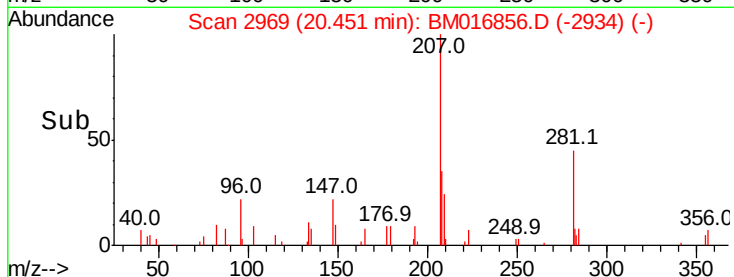
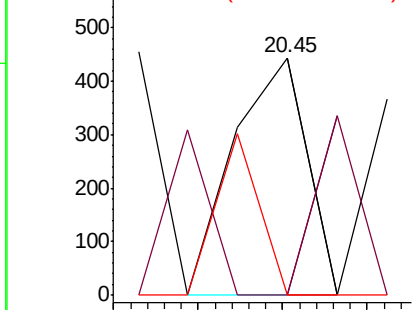
#81
 Butylbenzylphthalate
 Concen: 7.699 ng/ul
 RT: 20.45 min Scan# 2969
 Delta R.T. 0.01 min
 Lab File: BM016856.D
 Acq: 22 Sep 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 C08K7DL

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.4	80.0#
206	0.0	19.3	28.9#

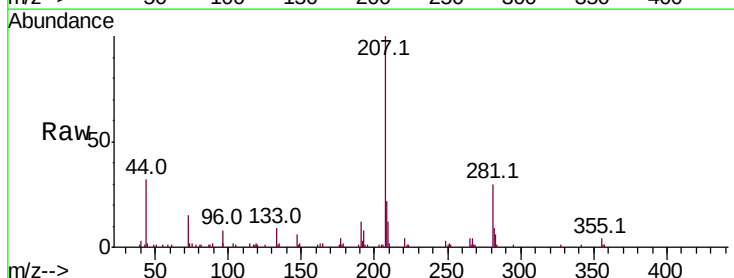


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM016849.D (-2962) (-)
 Ion 206.00 (205.70 to 206.70): E

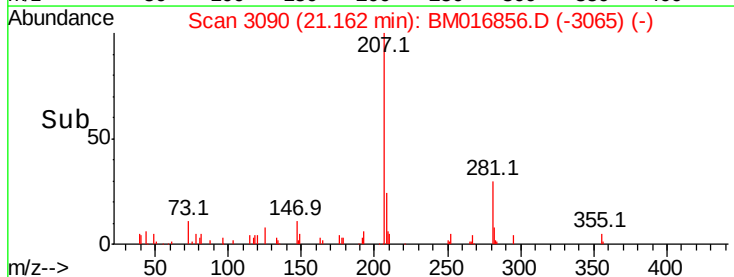
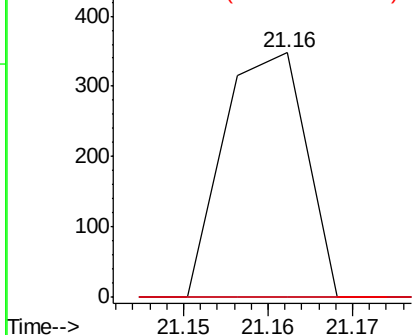


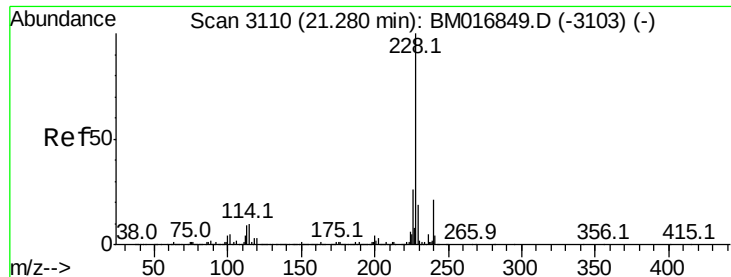
#82
 3,3'-Dichlorobenzidine
 Concen: 7.705 ng/ul
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.05 min
 Lab File: BM016856.D
 Acq: 22 Sep 2018 06:09

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



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 4.489 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.05 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

Instrument :

BNA_M

ClientSampleId :

C08K7DL

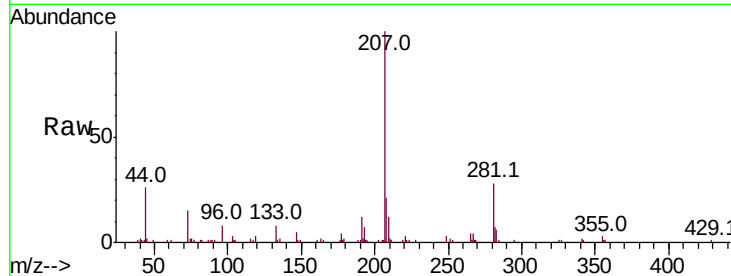
Tot Ion:228 Resp: 426

Ion Ratio Lower Upper

228 100

229 0.0 16.0 24.0#

226 0.0 21.8 32.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.33

400

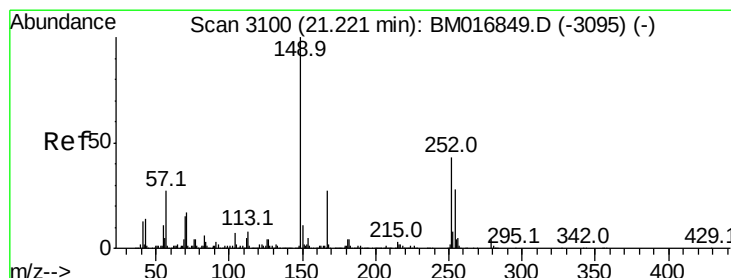
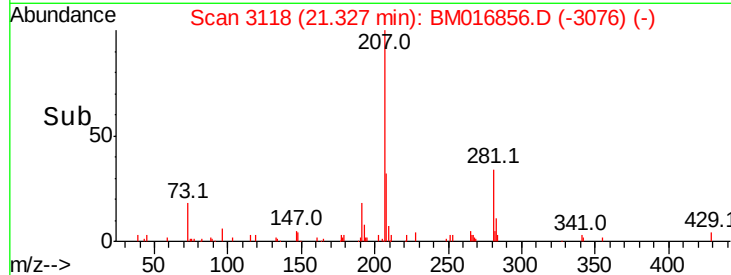
300

200

100

0

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.991 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

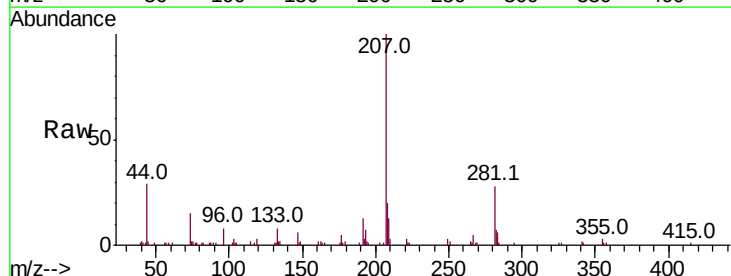
Tgt Ion:149 Resp: 1039

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

21.23

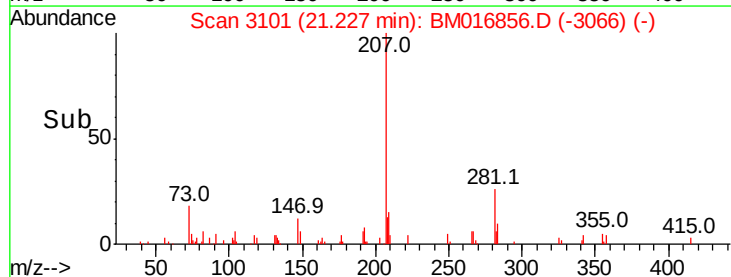
1500

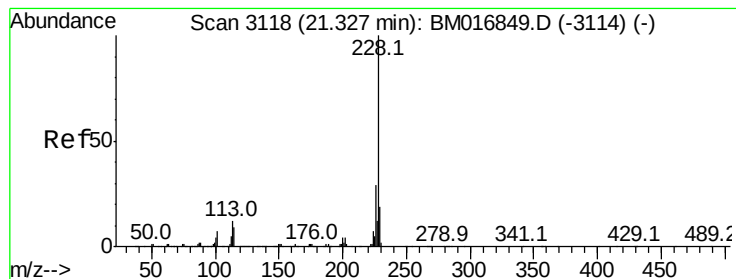
1000

500

0

Time-->





#85

Chrysene

Concen: 4.813 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM016856.D

Acq: 22 Sep 2018 06:09

Instrument :

BNA_M

ClientSampleId :

C08K7DL

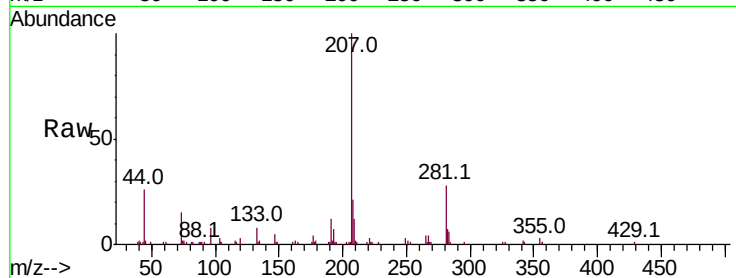
Tot Ion:228 Resp: 426

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

