

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
 Data File : BM016000.D
 Acq On : 19 Jul 2018 21:15
 Operator : SJ/JU
 Sample : J4023-19MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1M9MS

Quant Time: Jul 20 02:10:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 20 01:21:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	62011	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	305424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	184918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	420020	20.00	ng/ul	0.09
77) Chrysene-d12	21.72	240	479897	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	447879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4130	2.93	ng/uL	0.00
5) Phenol-d5	7.41	99	101555	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	65973	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	86227	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	91168	18.79	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	42572	19.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	46998	18.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	93943	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	62063	10.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	327457	19.43	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	379588	19.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	48745	16.69	ng/ul	0.00
57) Fluorene-d10	15.86	176	277792	19.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	40780	14.55	ng/ul	0.00
70) Anthracene-d10	17.70	188	420082	19.54	ng/ul	0.00
78) Pyrene-d10	19.97	212	491347	22.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	492725	20.00	ng/ul	0.00

Target Compounds

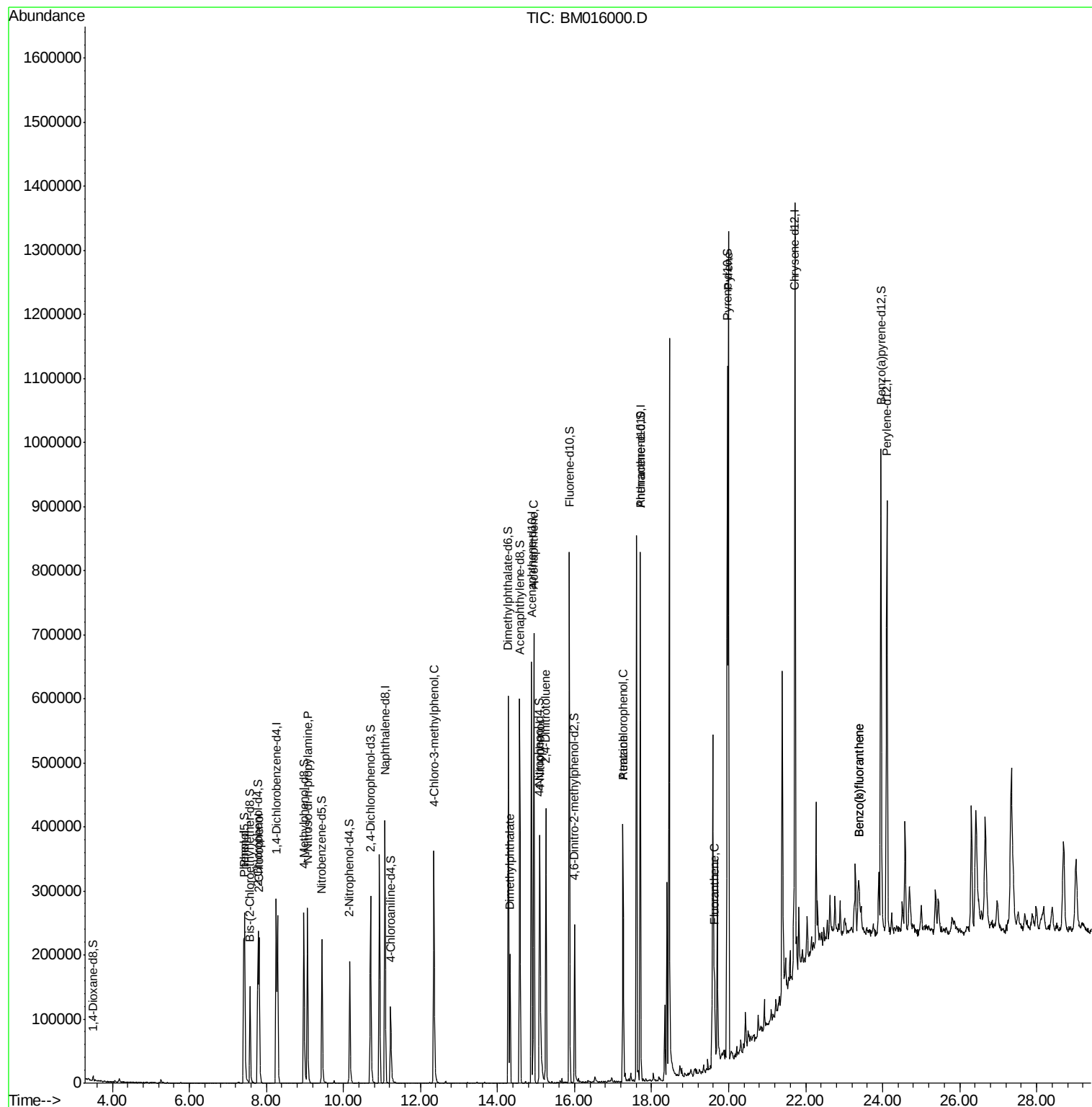
				Ovalue	
6) Phenol	7.43	94	116680	20.505	ng/ul# 71
10) 2-Chlorophenol	7.81	128	85492	18.707	ng/ul# 88
15) N-Nitroso-di-n-propylamine	9.06	70	80518	19.961	ng/ul# 68
33) 4-Chloro-3-methylphenol	12.35	107	109185	19.668	ng/ul 98
44) Dimethylphthalate	14.33	163	110009	6.590	ng/ul 98
49) Acenaphthene	14.95	153	263658	19.282	ng/ul 97
52) 4-Nitrophenol	15.10	109	64964	18.659	ng/ul# 72
54) 2,4-Dinitrotoluene	15.26	165	91224	19.056	ng/ul# 57
67) Atrazine	17.26	200	11907	2.293	ng/ul# 37
68) Pentachlorophenol	17.26	266	54363	20.009	ng/ul 98
76) Fluoranthene	19.63	202	52938	1.699	ng/ul 98
79) Pyrene	19.99	202	676248	23.904	ng/ul 95
87) Benzo(b)fluoranthene	23.39	252	37124	1.292	ng/ul 97
88) Benzo(k)fluoranthene	23.39	252	37124	1.352	ng/ul 97

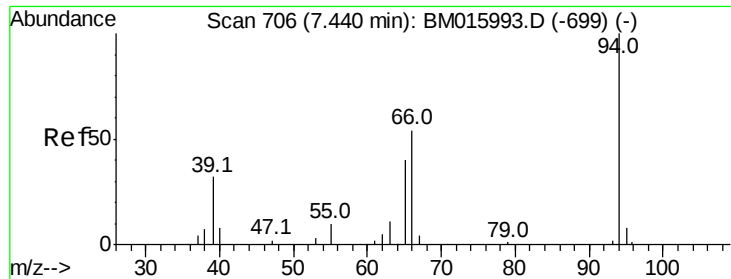
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 01:21:23 2018
Response via : Initial Calibration





#6

Phenol

Concen: 20.505 ng/ul

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

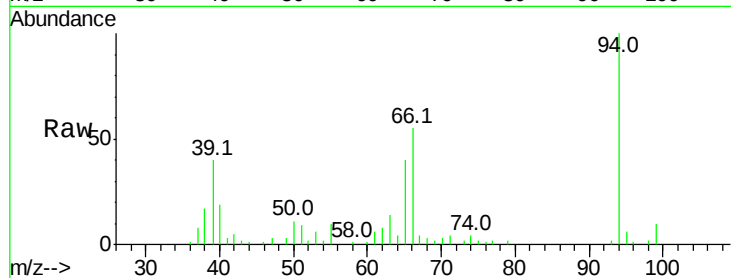
Tot Ion: 94 Resp: 11680

Ion Ratio Lower Upper

94 100

65 39.7 21.0 31.6#

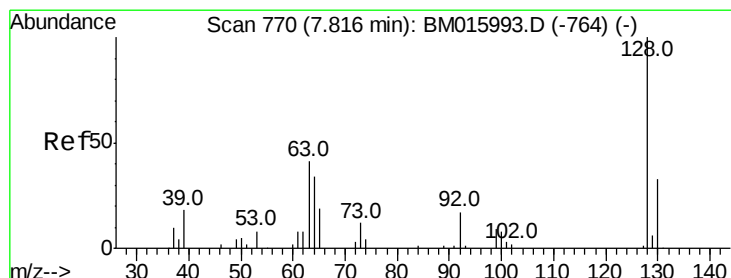
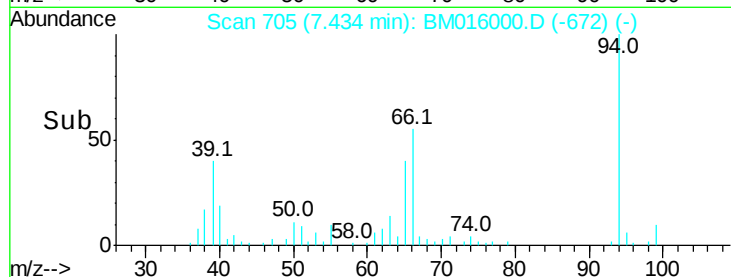
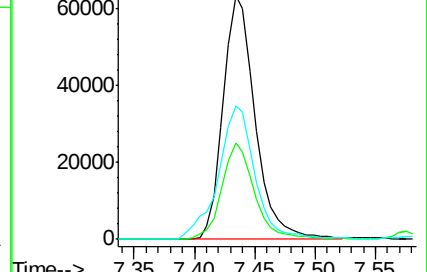
66 55.0 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM015993.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BM015993.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BM015993.D (-699) (-)



#10

2-Chlorophenol

Concen: 18.707 ng/ul

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

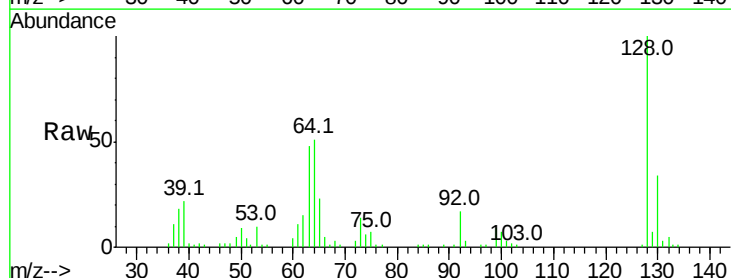
Tgt Ion: 128 Resp: 85492

Ion Ratio Lower Upper

128 100

64 51.1 31.9 47.9#

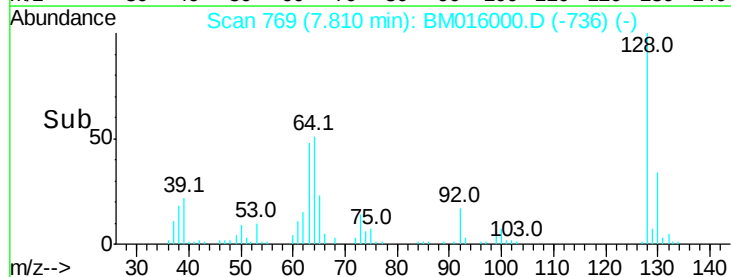
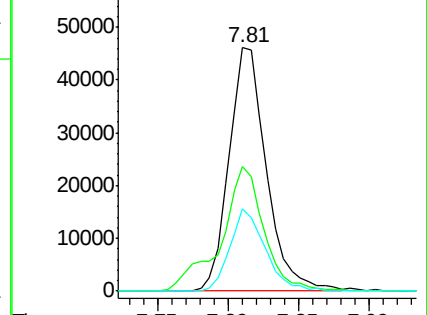
130 33.9 25.6 38.4

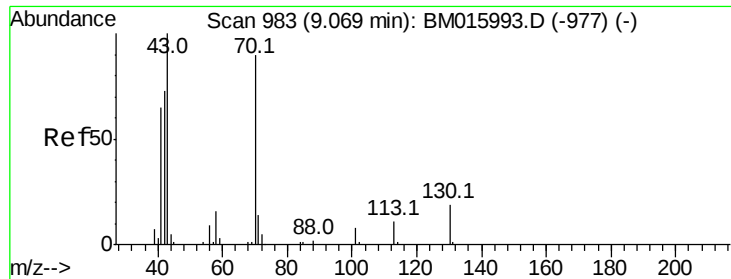


Abundance Ion 128.00 (127.70 to 128.70): BM015993.D (-764) (-)

Ion 64.00 (63.70 to 64.70): BM015993.D (-764) (-)

Ion 130.00 (129.70 to 130.70): BM015993.D (-764) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.961 ng/ul

RT: 9.06 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

Tot Ion: 70 Resp: 80518

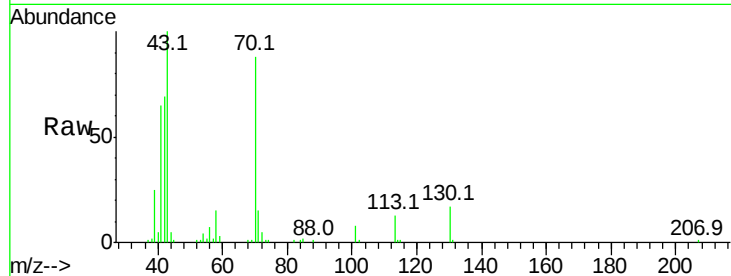
Ion Ratio Lower Upper

70 100

42 78.2 35.4 53.0#

101 9.3 8.4 12.6

130 19.7 18.2 27.4

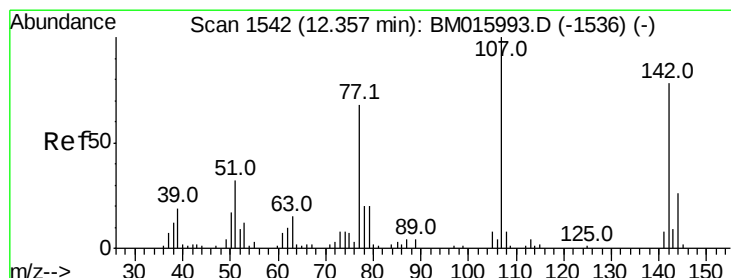
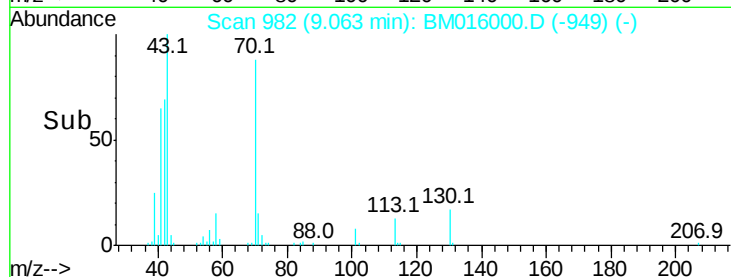
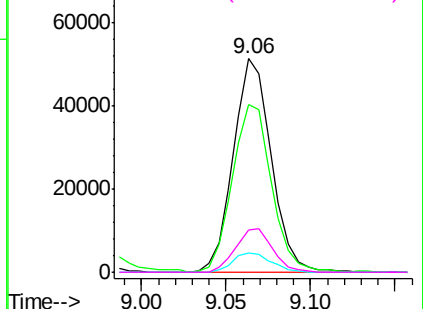


Abundance Ion 70.00 (69.70 to 70.70): BM015993.D (-977) (-)

Ion 42.00 (41.70 to 42.70): BM015993.D (-977) (-)

Ion 101.00 (100.70 to 101.70): BM015993.D (-977) (-)

Ion 130.00 (129.70 to 130.70): BM015993.D (-977) (-)



#33

4-Chloro-3-methylphenol

Concen: 19.668 ng/ul

RT: 12.35 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

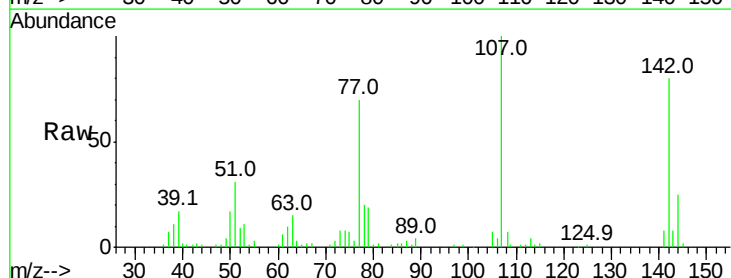
Tgt Ion: 107 Resp: 109185

Ion Ratio Lower Upper

107 100

144 25.0 20.4 30.6

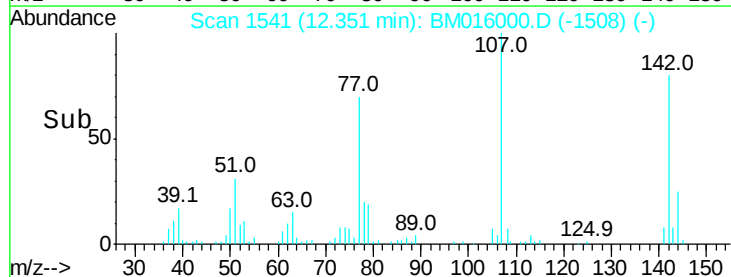
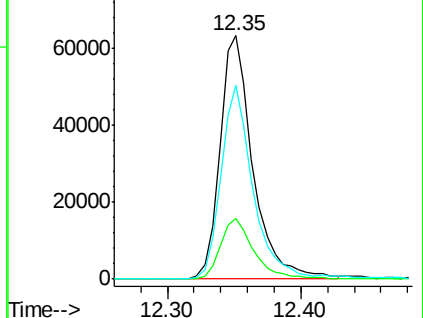
142 79.7 62.5 93.7

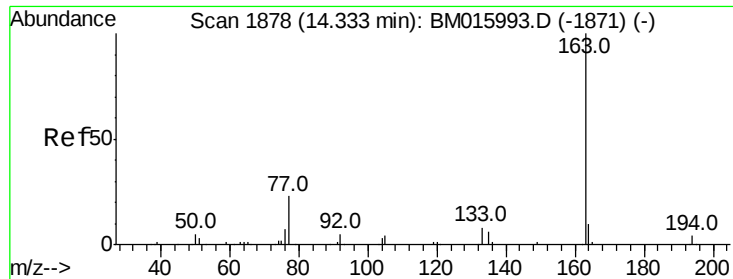


Abundance Ion 107.00 (106.70 to 107.70): BM015993.D (-1536) (-)

Ion 144.00 (143.70 to 144.70): BM015993.D (-1536) (-)

Ion 142.00 (141.70 to 142.70): BM015993.D (-1536) (-)





#44

Dimethylphthalate

Concen: 6.590 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

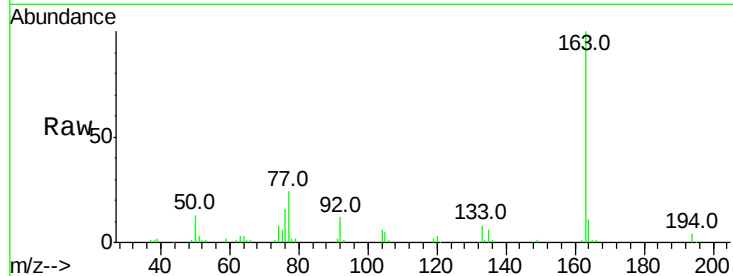
Tot Ion:163 Resp: 110009

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

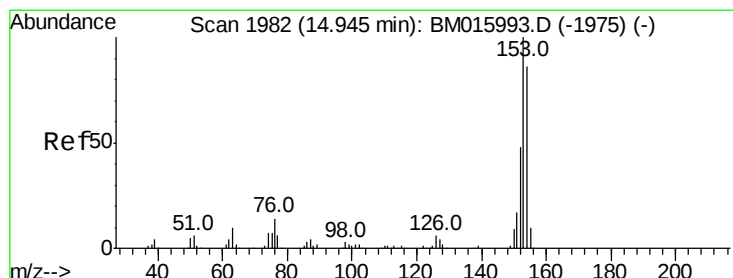
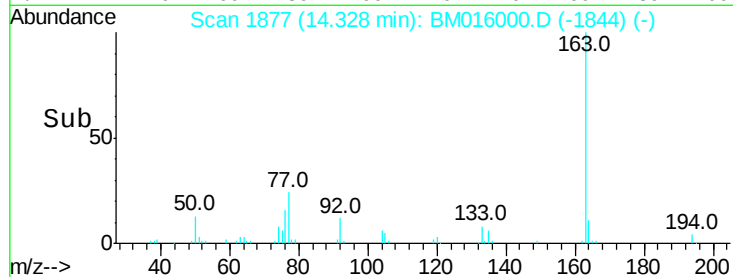
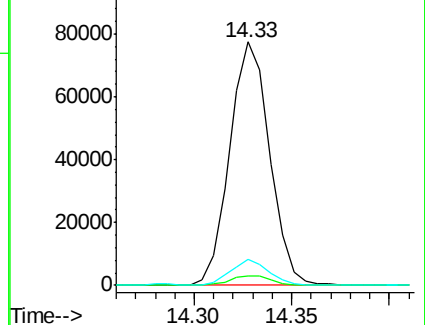
164 10.9 7.8 11.8



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



#49

Acenaphthene

Concen: 19.282 ng/ul

RT: 14.95 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

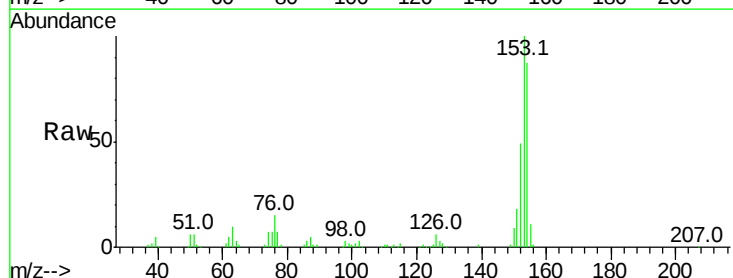
Tgt Ion:153 Resp: 263658

Ion Ratio Lower Upper

153 100

152 48.8 38.3 57.5

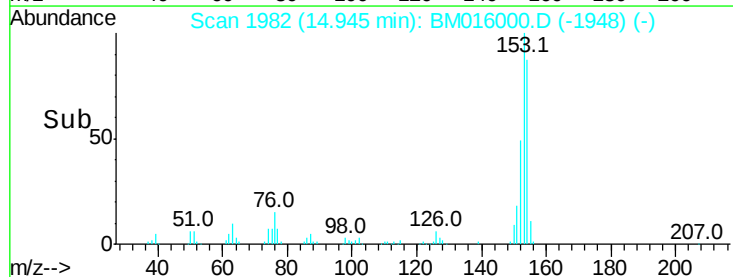
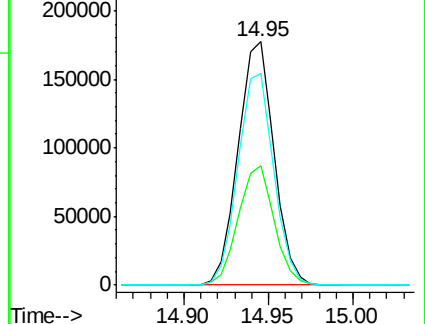
154 86.7 71.8 107.8

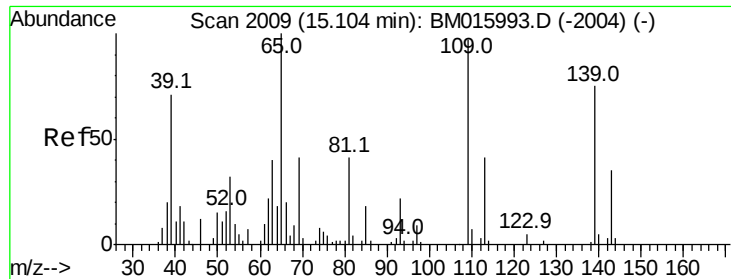


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.659 ng/ul

RT: 15.10 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

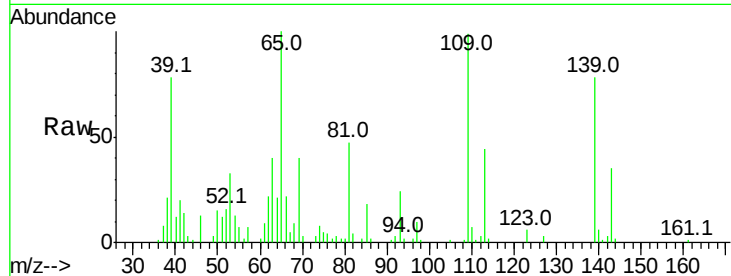
Tot Ion:109 Resp: 64964

Ion Ratio Lower Upper

109 100

139 78.6 103.7 155.5#

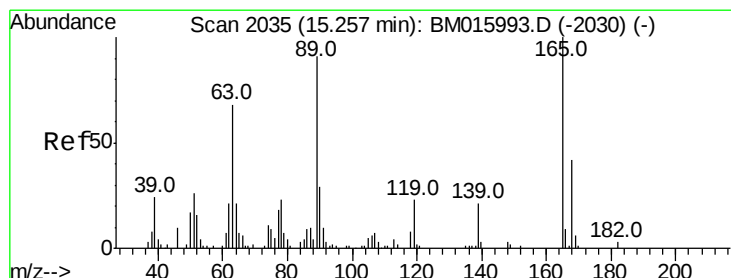
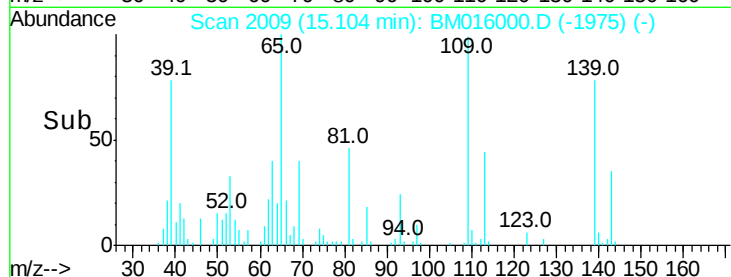
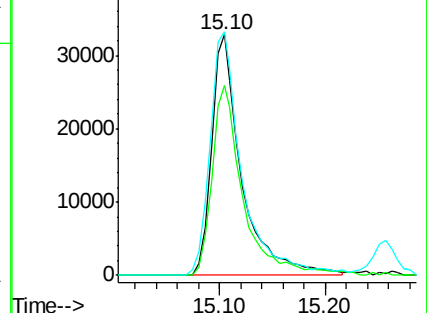
65 101.1 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

2,4-Dinitrotoluene

Concen: 19.056 ng/ul

RT: 15.26 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

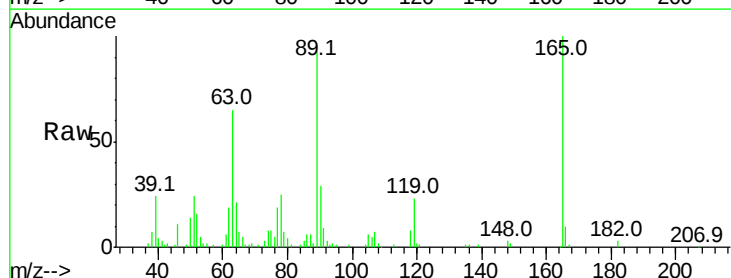
Tgt Ion:165 Resp: 91224

Ion Ratio Lower Upper

165 100

63 65.0 29.8 44.6#

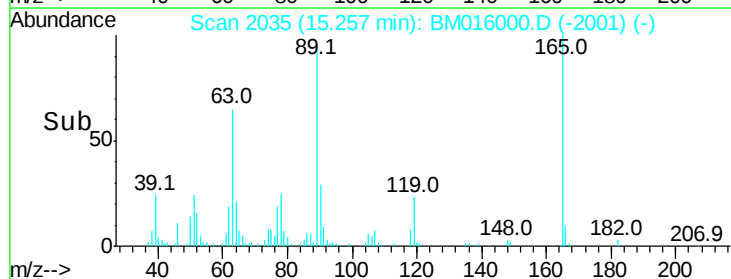
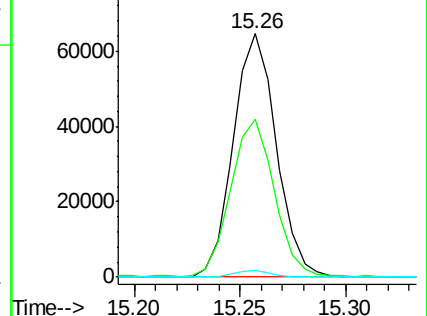
182 2.7 2.2 3.4

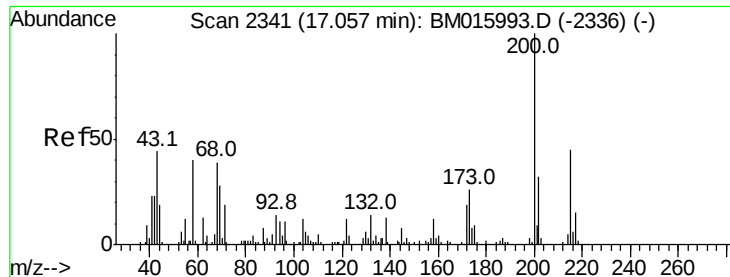


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#67

Atrazine

Concen: 2.293 ng/ul

RT: 17.26 min Scan# 2376

Delta R.T. 0.21 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

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DB1M9MS

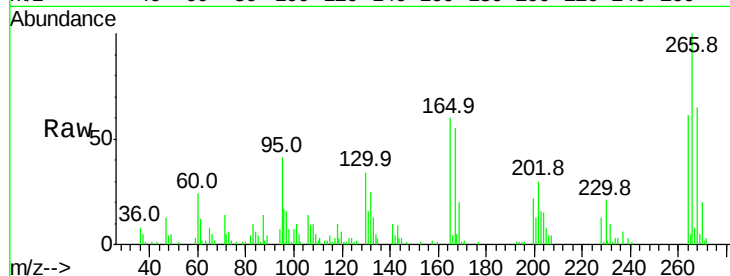
Tot Ion:200 Resp: 11907

Ion Ratio Lower Upper

200 100

173 0.0 21.6 32.4#

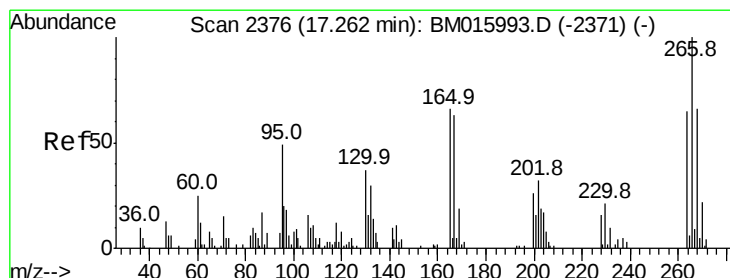
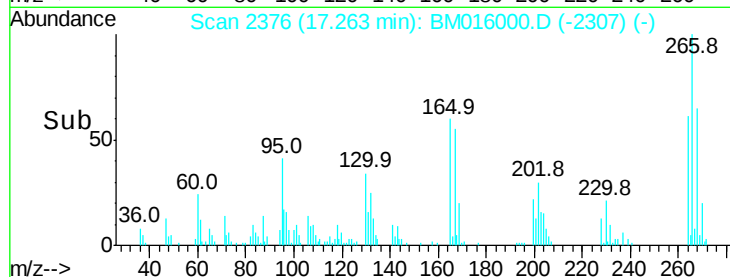
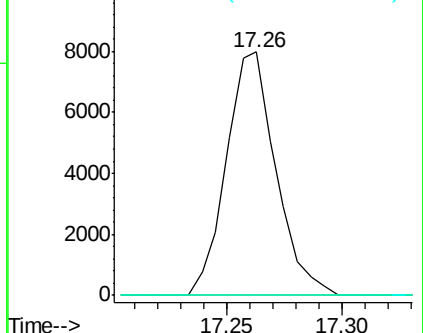
215 0.0 37.0 55.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 20.009 ng/ul

RT: 17.26 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

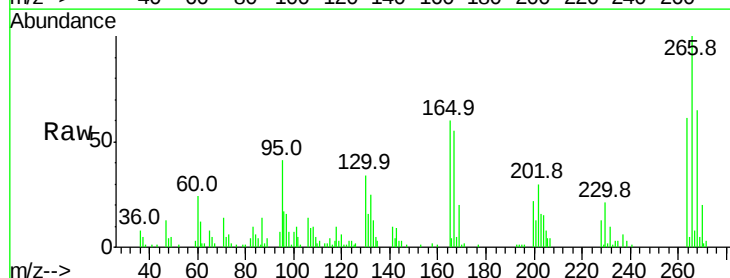
Tgt Ion:266 Resp: 54363

Ion Ratio Lower Upper

266 100

264 61.3 50.5 75.7

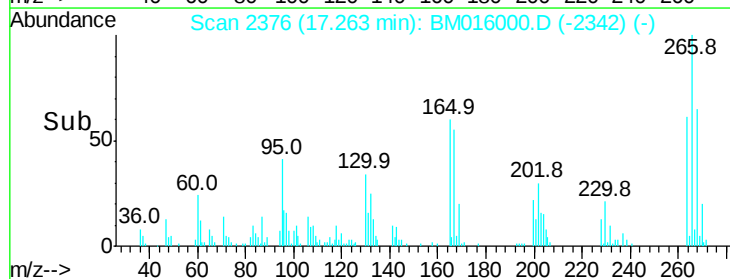
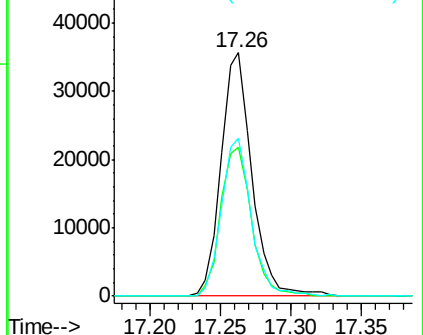
268 64.6 50.9 76.3

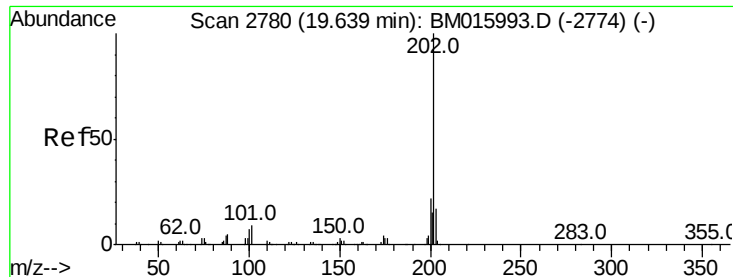


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

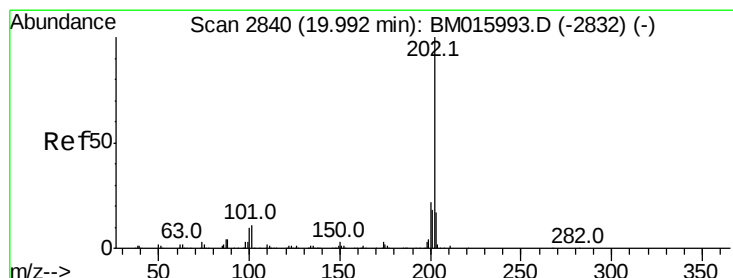
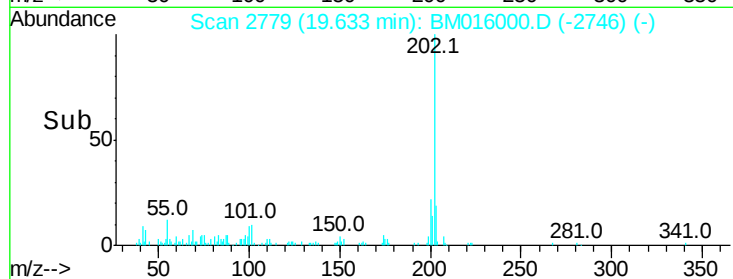
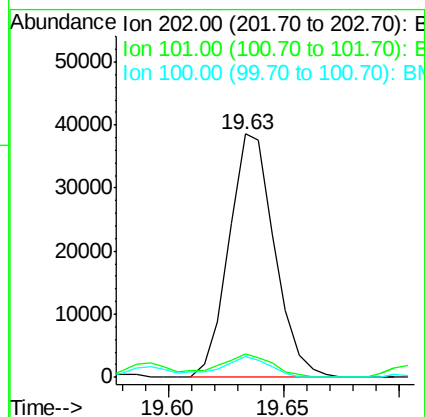
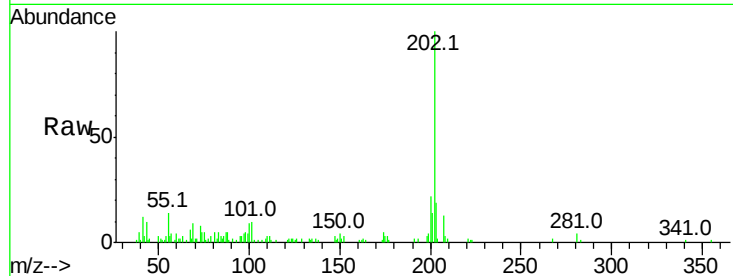




#76
Fluoranthene
Concen: 1.699 ng/ul
RT: 19.63 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

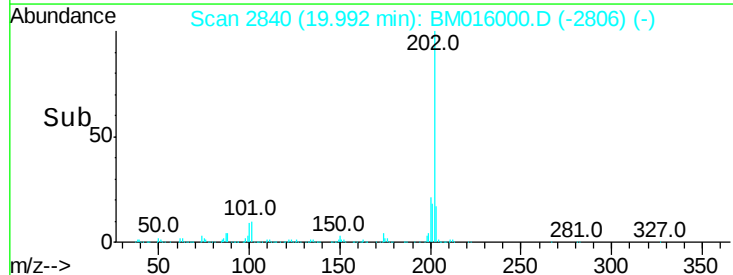
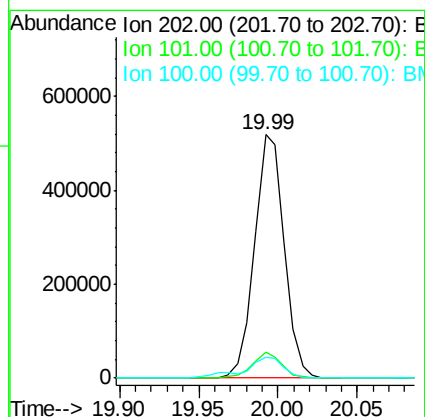
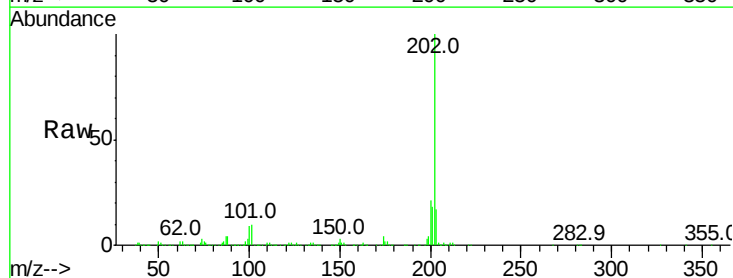
Instrument :
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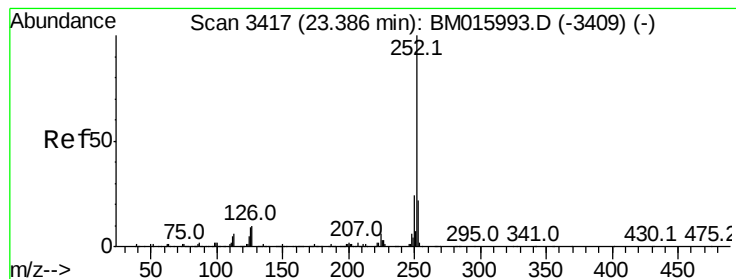
Tot Ion:	202	Resp:	52938
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	8.5	6.6	9.8



#79
Pyrene
Concen: 23.904 ng/ul
RT: 19.99 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM016000.D
Acq: 19 Jul 2018 21:15

Tgt Ion:	202	Resp:	676248
Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.2	15.2
100	8.8	8.5	12.7





#87

Benzo(b)fluoranthene

Concen: 1.292 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. 0.00 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

Instrument :

BNA_M

ClientSampleId :

DB1M9MS

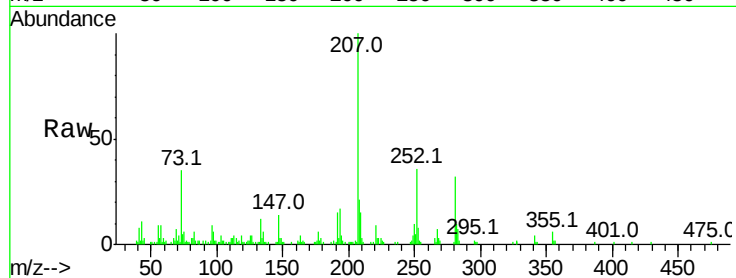
Tot Ion:252 Resp: 37124

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

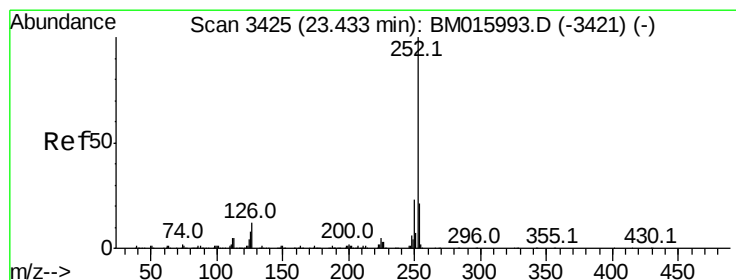
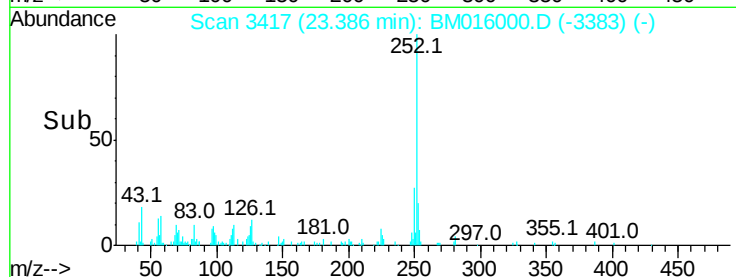
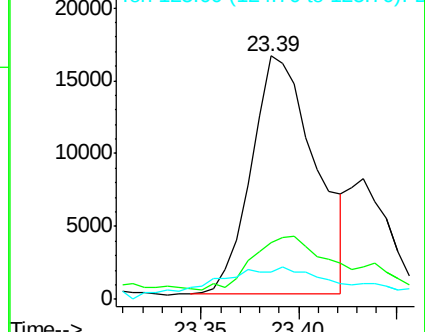
125 11.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.352 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. -0.05 min

Lab File: BM016000.D

Acq: 19 Jul 2018 21:15

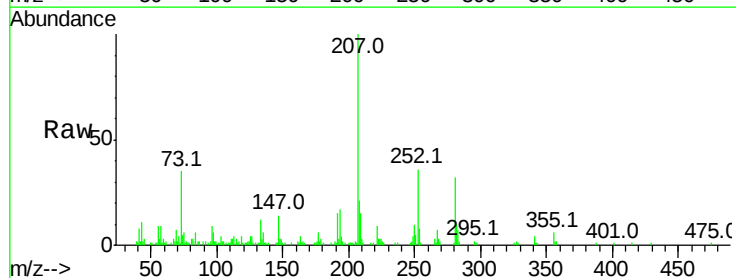
Tgt Ion:252 Resp: 37124

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 11.2 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

