

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
 Data File : BM016001.D
 Acq On : 19 Jul 2018 21:52
 Operator : SJ/JU
 Sample : J4023-20MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 02:11:07 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	8.25	152	64420	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	307001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	182710	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	415636	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	461617	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	405071	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	6858	4.69	ng/uL	0.00
5) Phenol-d5	7.41	99	169331	28.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	106118	28.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	145588	30.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	150104	29.77	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	70095	31.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	80691	32.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	151471	31.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	83139	14.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	510240	30.64	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	600995	31.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	76071	26.36	ng/ul	0.00
57) Fluorene-d10	15.86	176	430844	30.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	68592	24.73	ng/ul	0.00
70) Anthracene-d10	17.70	188	655394	30.80	ng/ul	0.00
78) Pyrene-d10	19.97	212	759420	35.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	715765	32.13	ng/ul	0.00

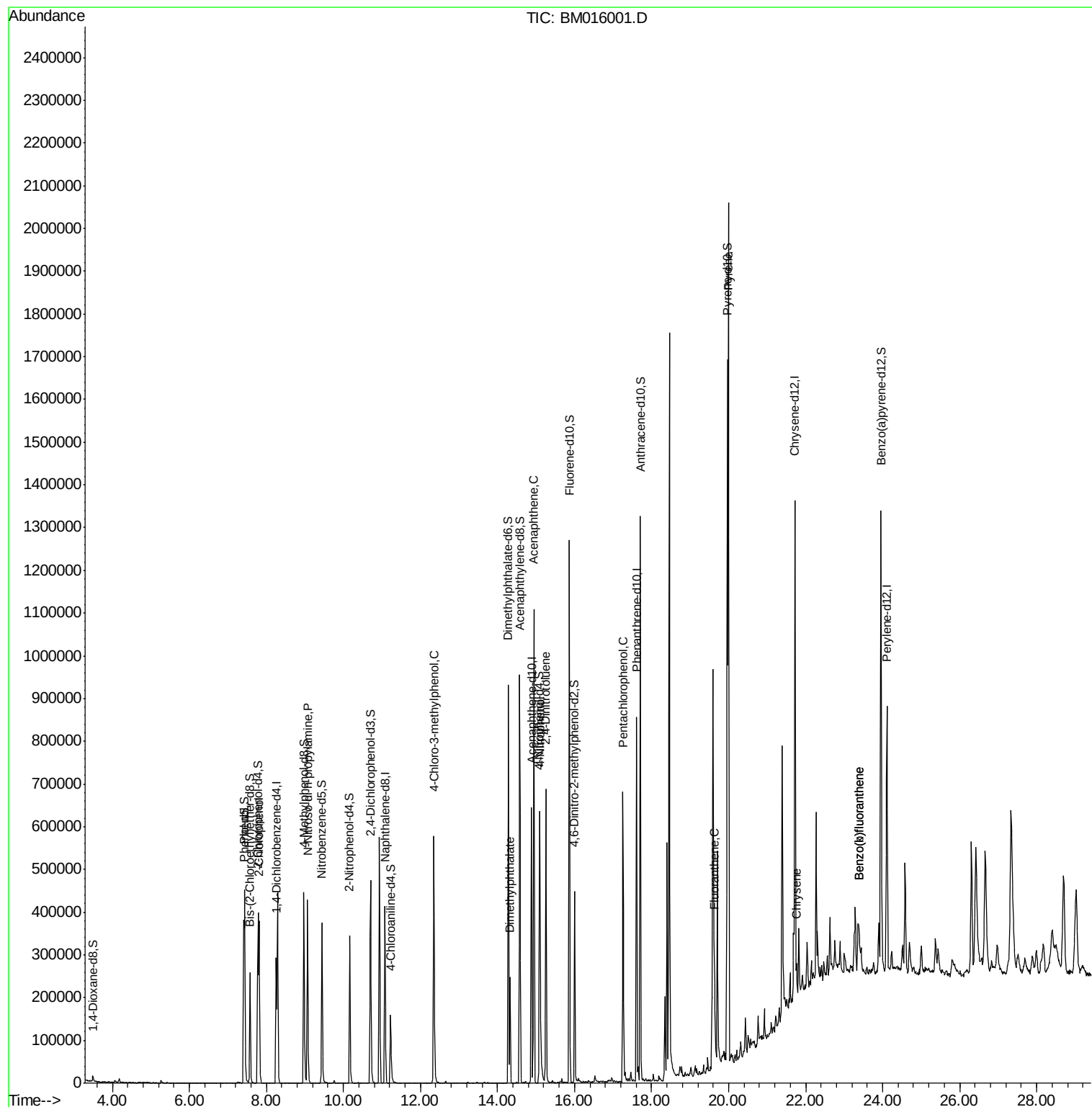
Target Compounds				Ovalue		
6) Phenol	7.43	94	190880	32.291	ng/ul#	69
10) 2-Chlorophenol	7.81	128	141789	29.865	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.07	70	126281	30.135	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.35	107	175721	31.492	ng/ul	99
44) Dimethylphthalate	14.33	163	127473	7.729	ng/ul	98
49) Acenaphthene	14.95	153	412922	30.562	ng/ul	97
52) 4-Nitrophenol	15.10	109	101705	29.564	ng/ul#	78
54) 2,4-Dinitrotoluene	15.26	165	143964	30.437	ng/ul#	61
68) Pentachlorophenol	17.26	266	86826	32.294	ng/ul	99
76) Fluoranthene	19.63	202	79582	2.580	ng/ul#	96
79) Pyrene	20.00	202	1040158	38.223	ng/ul#	94
84) Chrysene	21.76	228	41411	1.483	ng/ul	91
87) Benzo(b)fluoranthene	23.39	252	54088	2.082	ng/ul#	93
88) Benzo(k)fluoranthene	23.39	252	54088	2.178	ng/ul#	92

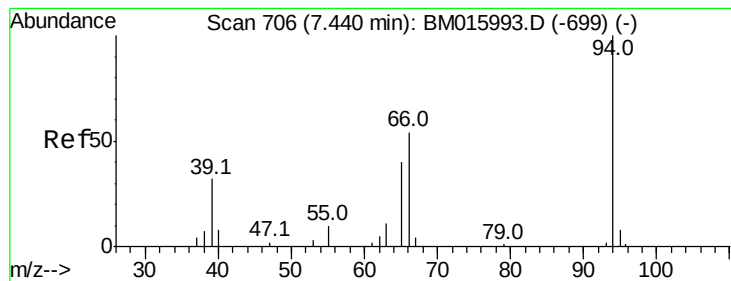
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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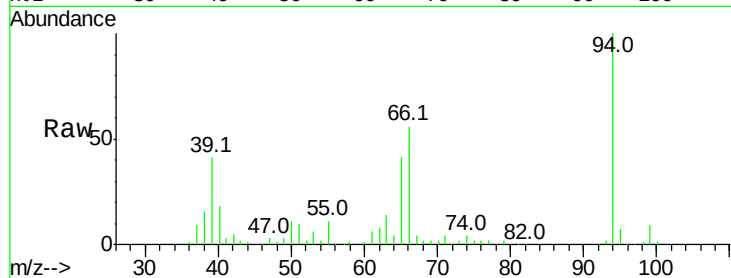
#6

Phenol

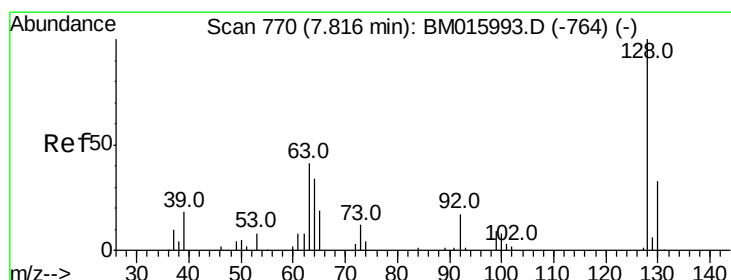
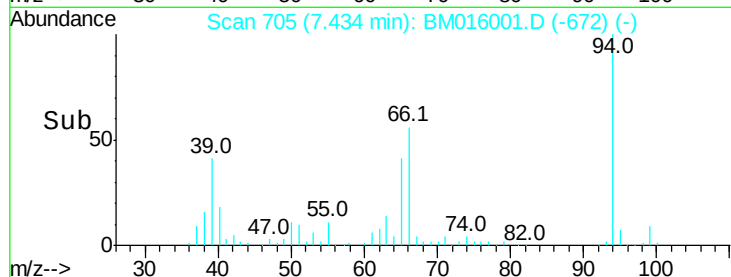
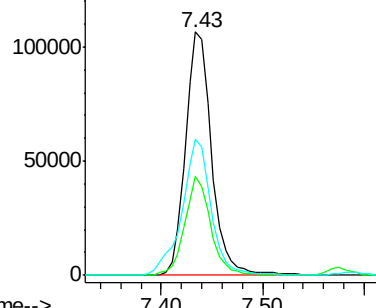
Concen: 32.291 ng/ul
 RT: 7.43 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BM016001.D
 Acq: 19 Jul 2018 21:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 190880
 Ion Ratio Lower Upper
 94 100
 65 40.6 21.0 31.6#
 66 55.9 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) (-)

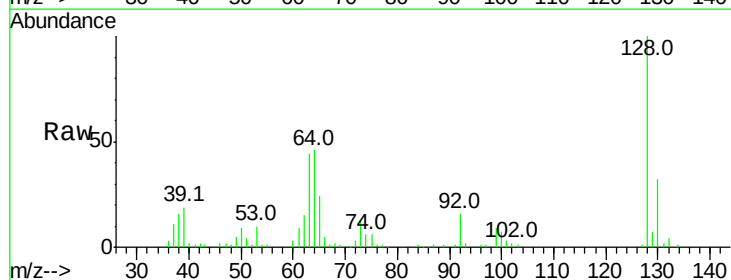


#10

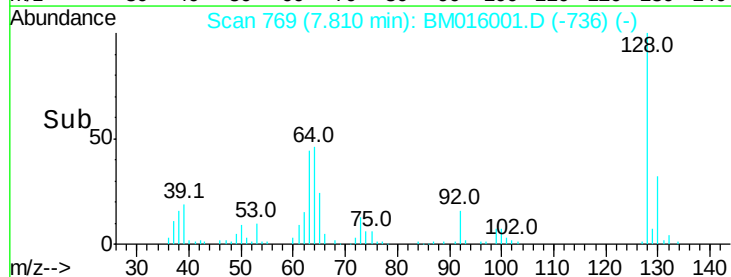
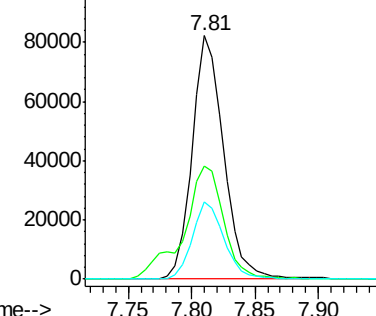
2-Chlorophenol

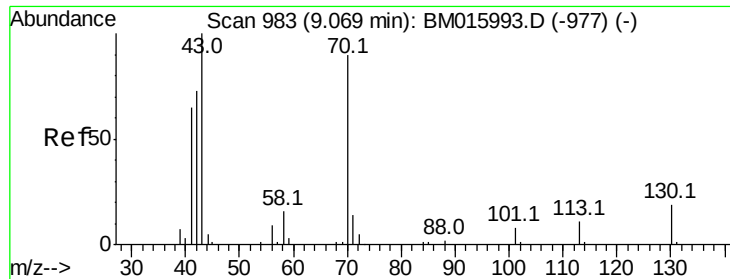
Concen: 29.865 ng/ul
 RT: 7.81 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM016001.D
 Acq: 19 Jul 2018 21:52

Tgt Ion:128 Resp: 141789
 Ion Ratio Lower Upper
 128 100
 64 46.2 31.9 47.9
 130 31.5 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) (-)

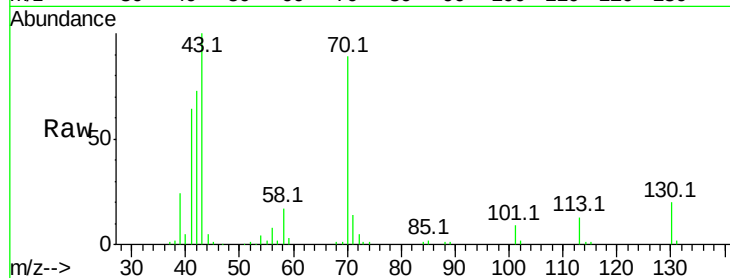




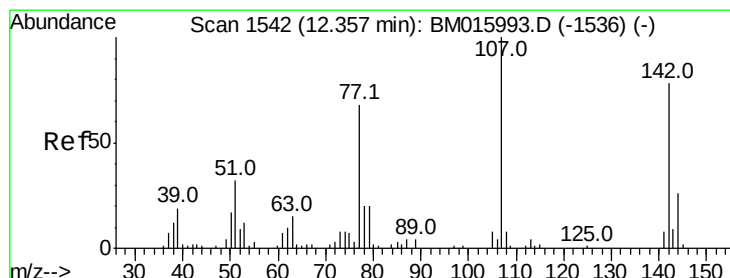
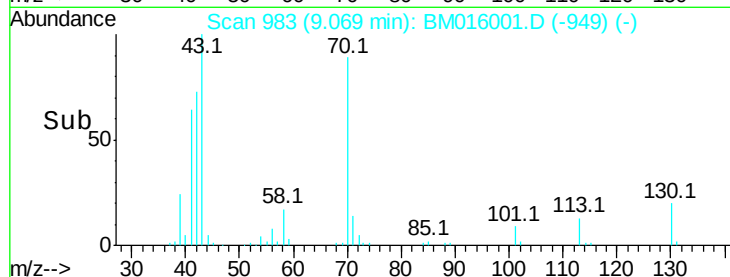
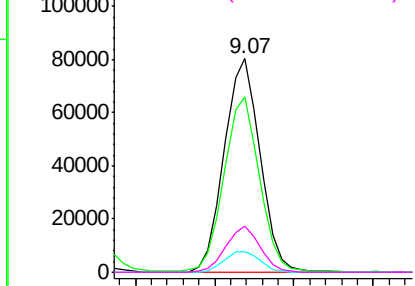
#15
N-Nitroso-di-n-propylamine
Concen: 30.135 ng/ul
RT: 9.07 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM016001.D
Acq: 19 Jul 2018 21:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	126281
Ion	Ratio	Lower	Upper
70	100		
42	82.0	35.4	53.0#
101	9.6	8.4	12.6
130	21.8	18.2	27.4

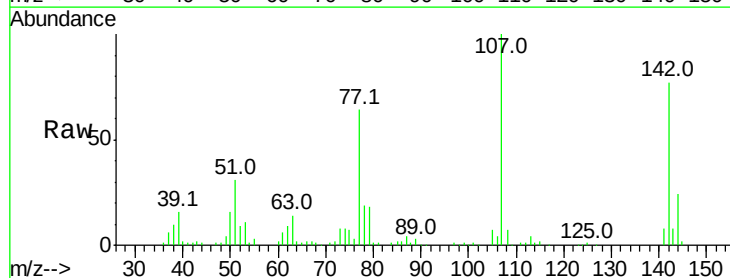


Abundance Ion 70.00 (69.70 to 70.70): BM015993.D (-977) (-)
Ion 42.00 (41.70 to 42.70): BM015993.D (-977) (-)
Ion 101.00 (100.70 to 101.70): BM015993.D (-977) (-)
Ion 130.00 (129.70 to 130.70): BM015993.D (-977) (-)

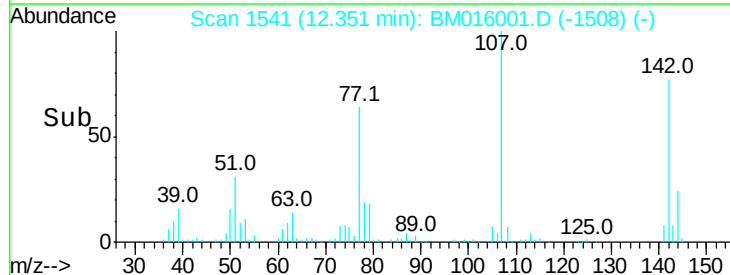
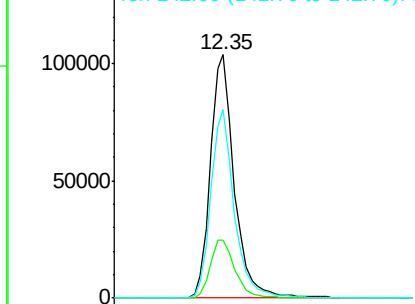


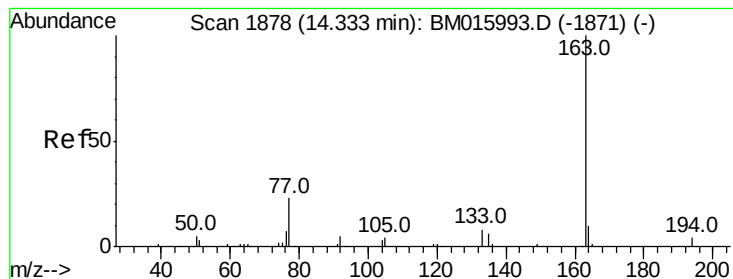
#33
4-Chloro-3-methylphenol
Concen: 31.492 ng/ul
RT: 12.35 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM016001.D
Acq: 19 Jul 2018 21:52

Tgt Ion:	107	Resp:	175721
Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.4	30.6
142	77.2	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: 7.729 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

Instrument :

BNA_M

ClientSampleId :

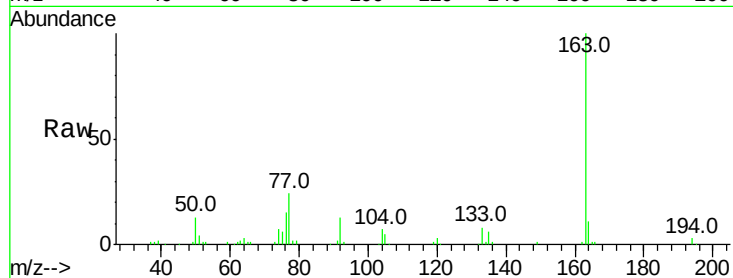
Tot Ion:163 Resp: 127473

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

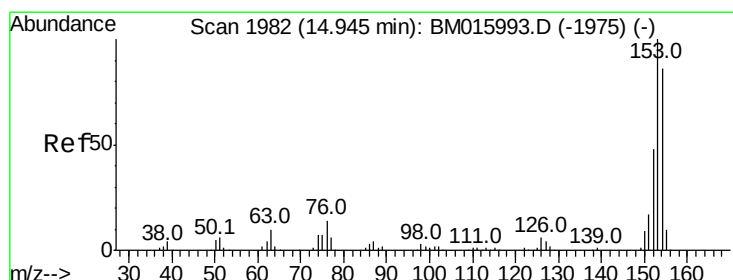
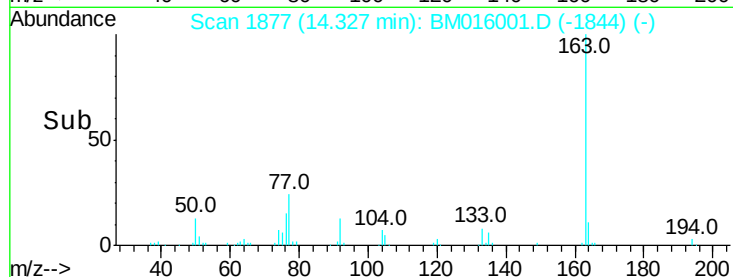
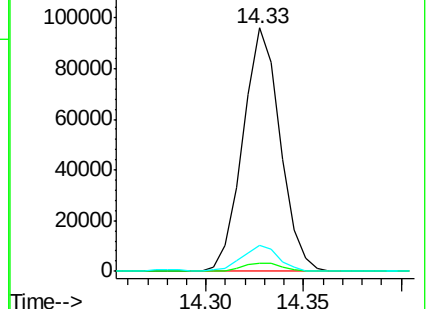
164 10.7 7.8 11.8



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: 30.562 ng/ul

RT: 14.95 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

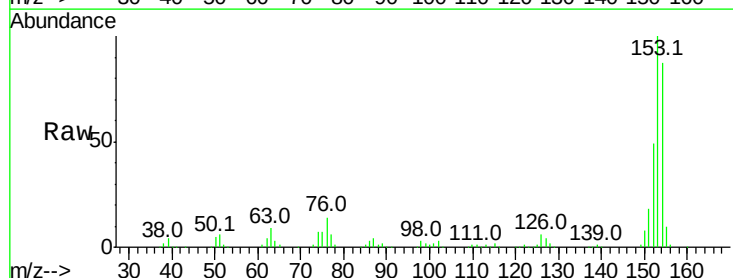
Tgt Ion:153 Resp: 412922

Ion Ratio Lower Upper

153 100

152 48.6 38.3 57.5

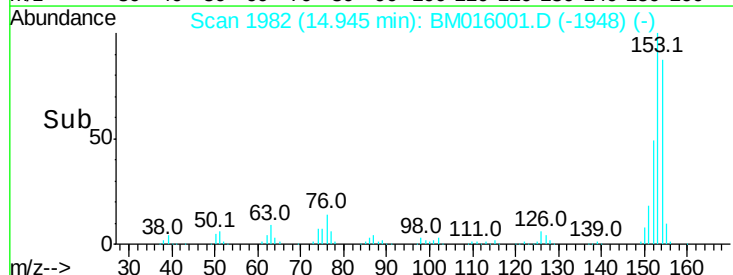
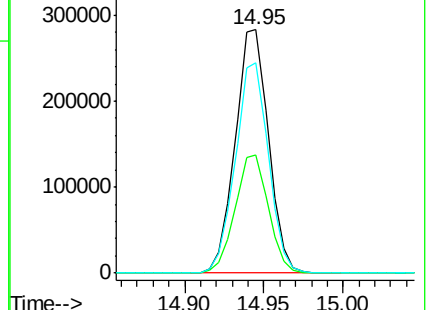
154 86.6 71.8 107.8

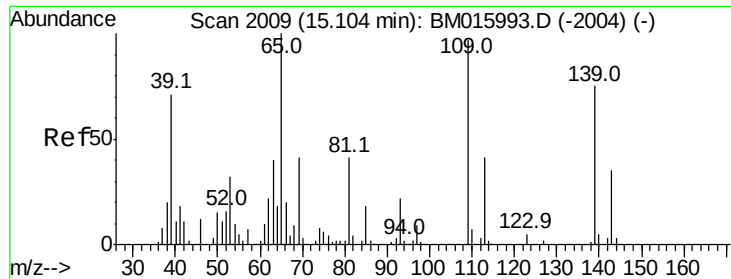


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 29.564 ng/ul

RT: 15.10 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

Instrument :

BNA_M

ClientSampled :

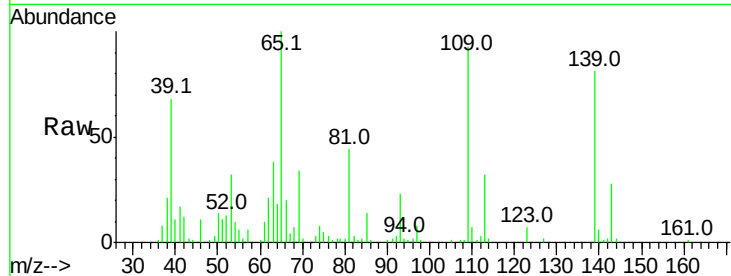
Tot Ion:109 Resp: 101705

Ion Ratio Lower Upper

109 100

139 86.6 103.7 155.5#

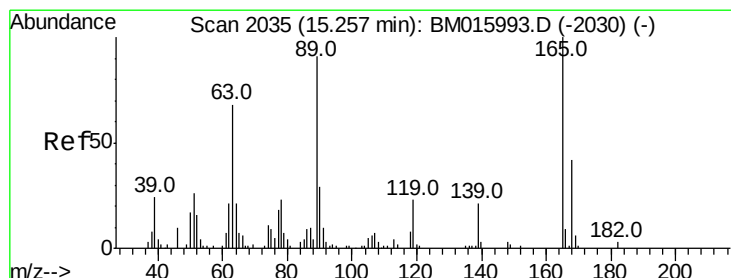
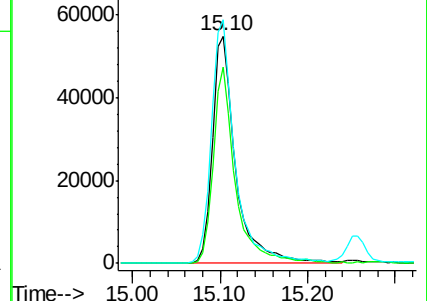
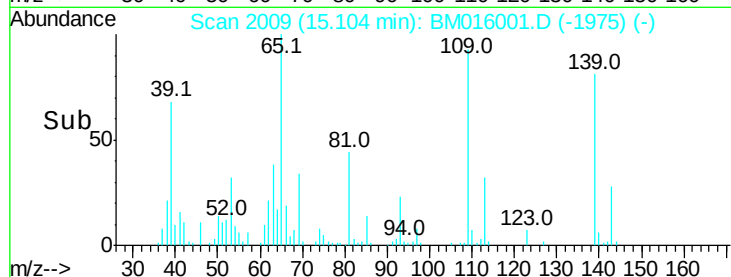
65 107.1 89.4 134.2



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: 30.437 ng/ul

RT: 15.26 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

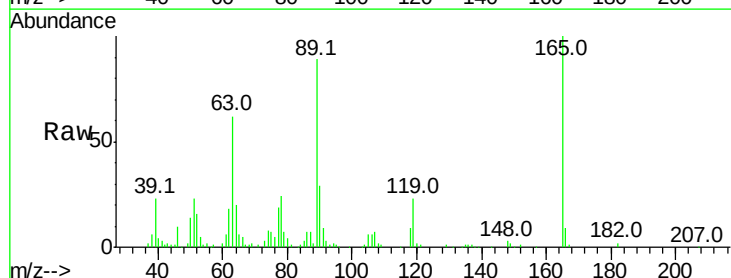
Tgt Ion:165 Resp: 143964

Ion Ratio Lower Upper

165 100

63 62.2 29.8 44.6#

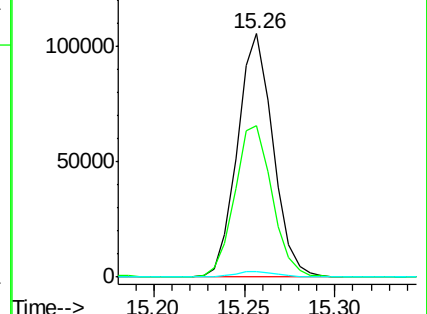
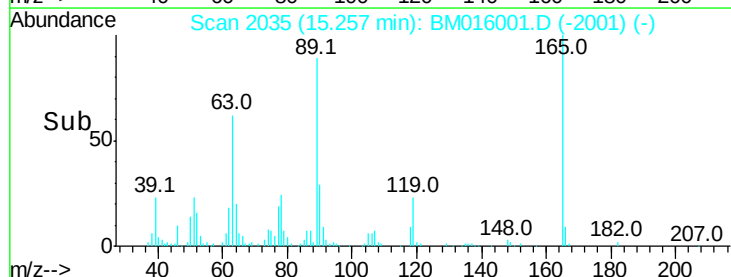
182 2.4 2.2 3.4

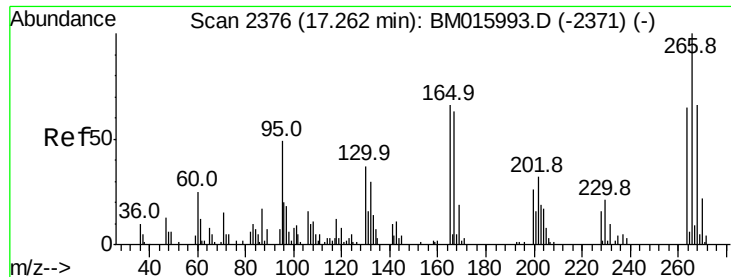


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

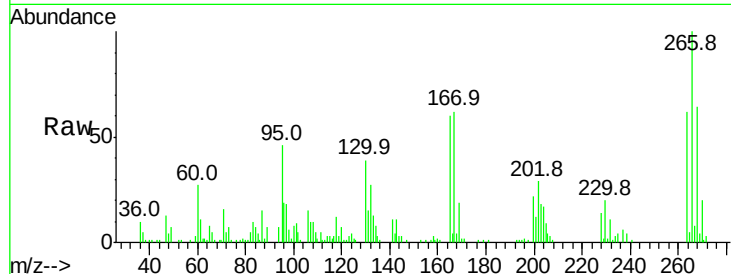




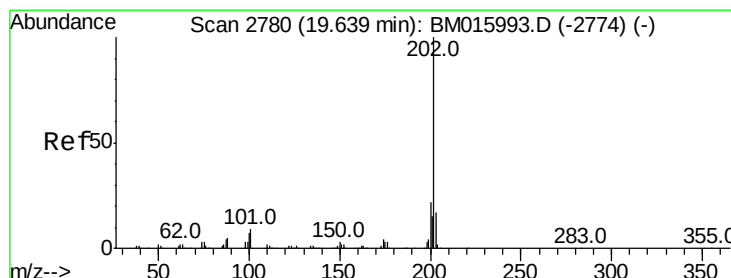
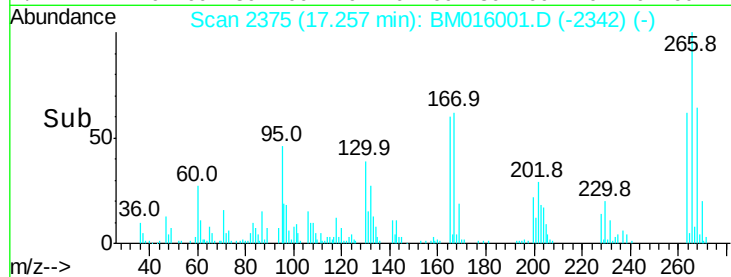
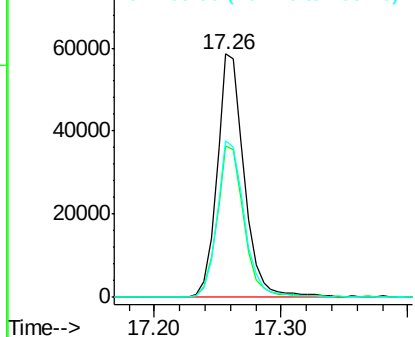
#68
 Pentachlorophenol
 Concen: 32.294 ng/ul
 RT: 17.26 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BM016001.D
 Acq: 19 Jul 2018 21:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.5	75.7
268	64.4	50.9	76.3

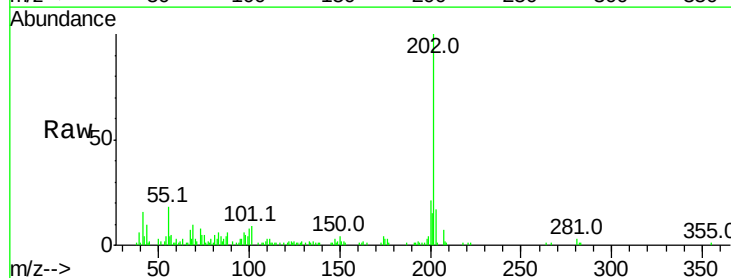


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

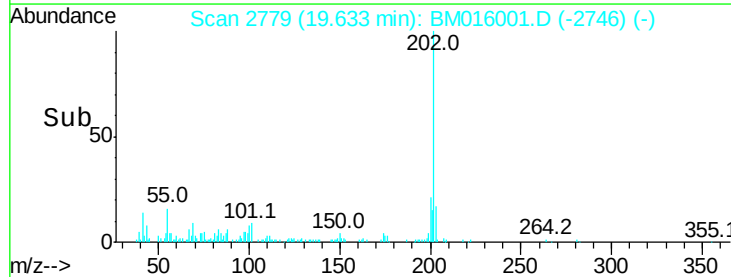
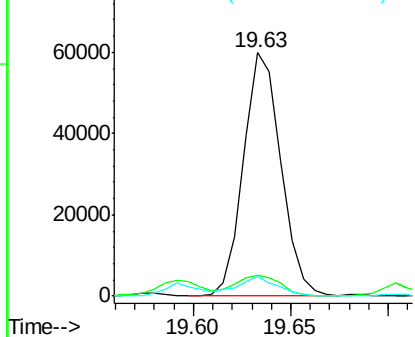


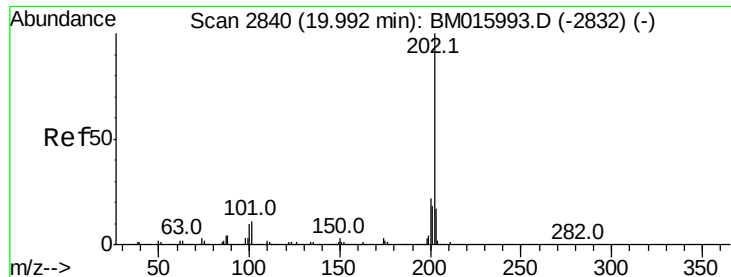
#76
 Fluoranthene
 Concen: 2.580 ng/ul
 RT: 19.63 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BM016001.D
 Acq: 19 Jul 2018 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.8	13.2#
100	8.0	6.6	9.8



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

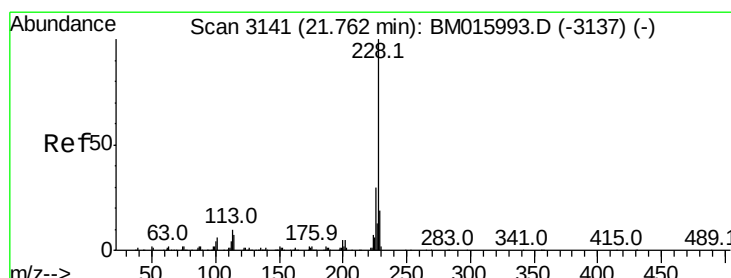
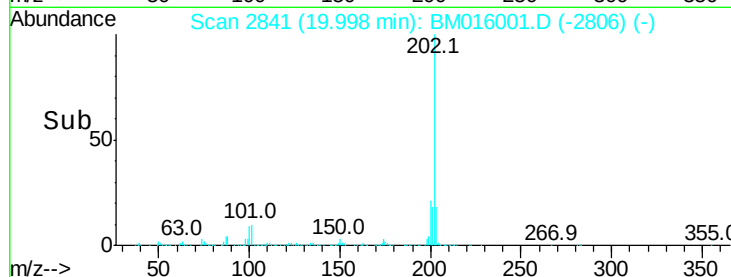
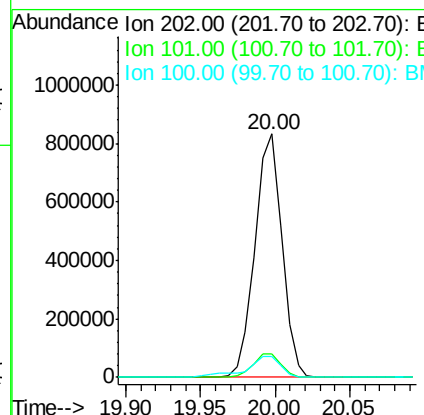
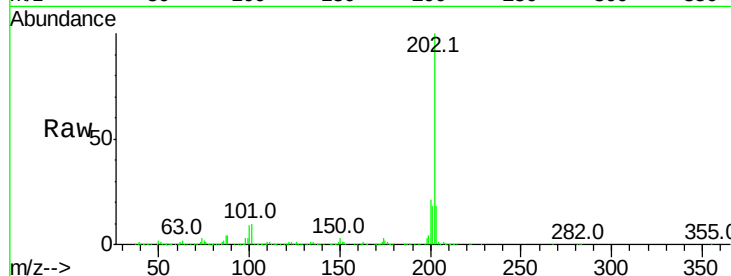




#79
Pvrene
Concen: 38.223 ng/ul
RT: 20.00 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BM016001.D
Acq: 19 Jul 2018 21:52

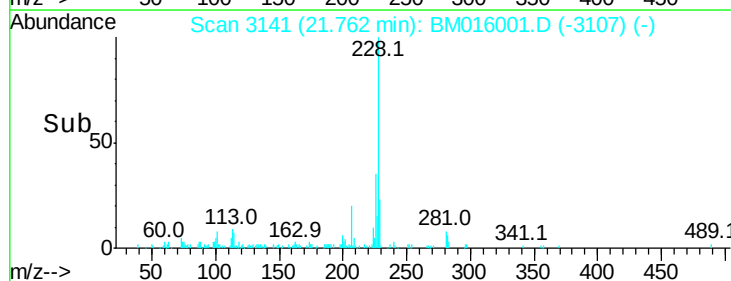
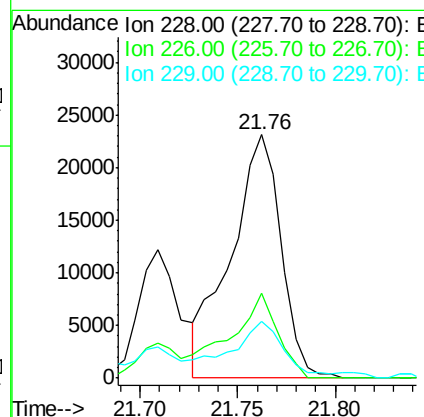
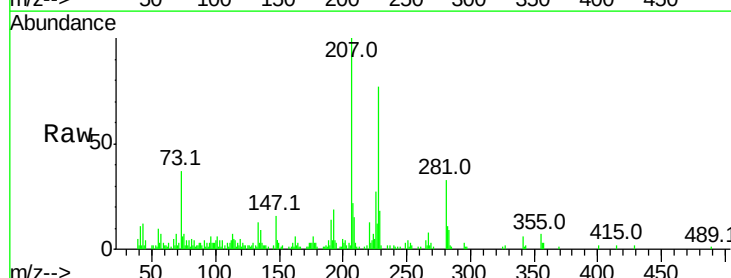
Instrument :
BNA_M
ClientSampleId :

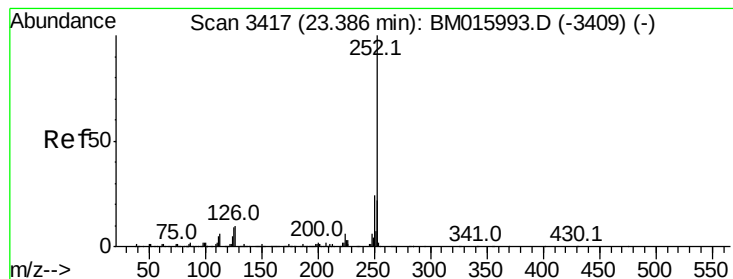
Tot Ion:202 Resp: 1040158
Ion Ratio Lower Upper
202 100
101 9.9 10.2 15.2#
100 8.5 8.5 12.7



#84
Chrysene
Concen: 1.483 ng/ul
RT: 21.76 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BM016001.D
Acq: 19 Jul 2018 21:52

Tgt Ion:228 Resp: 41411
Ion Ratio Lower Upper
228 100
226 34.7 24.0 36.0
229 23.3 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 2.082 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. 0.00 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

Instrument :

BNA_M

ClientSampleId :

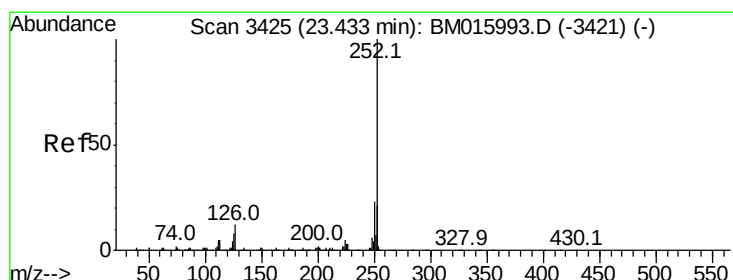
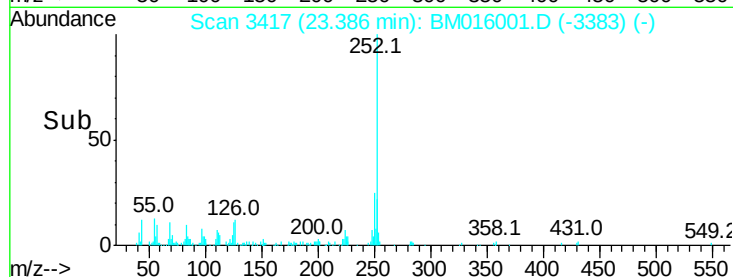
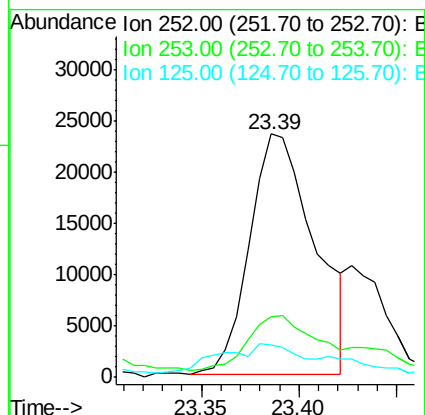
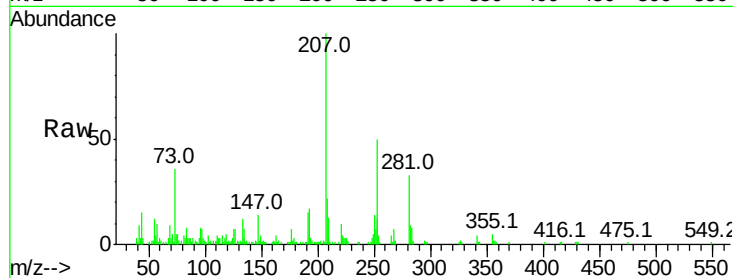
Tot Ion:252 Resp: 54088

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 13.5 8.5 12.7#



#88

Benzo(k)fluoranthene

Concen: 2.178 ng/ul

RT: 23.39 min Scan# 3417

Delta R.T. -0.05 min

Lab File: BM016001.D

Acq: 19 Jul 2018 21:52

Tgt Ion:252 Resp: 54088

Ion Ratio Lower Upper

252 100

253 24.9 17.3 25.9

125 13.5 8.2 12.2#

