

Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G0

Quant Time: Nov 01 06:49:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	324078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1361885	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	807088	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1287412	20.00	ng/ul	0.12
78) Chrysene-d12	21.40	240	1997	20.00	ng/ul	0.16
86) Perylene-d12	23.45	264	1426841	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	12356	1.75	ng/uL	0.00
5) Phenol-d5	6.83	99	351129	11.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	223274	12.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	294982	12.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	279128	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	135094	12.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	143754	12.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	249776	11.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	364735	20.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	850870	12.29	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1072656	12.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	84941	6.57	ng/ul	0.01
58) Fluorene-d10	15.29	176	762081	12.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	284	0.03	ng/ul	0.11
71) Anthracene-d10	17.16	188	1287940	20.21	ng/ul	0.02
79) Pyrene-d10	19.44	212	1474224	15934.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1188004	15.77	ng/ul	0.00

Target Compounds

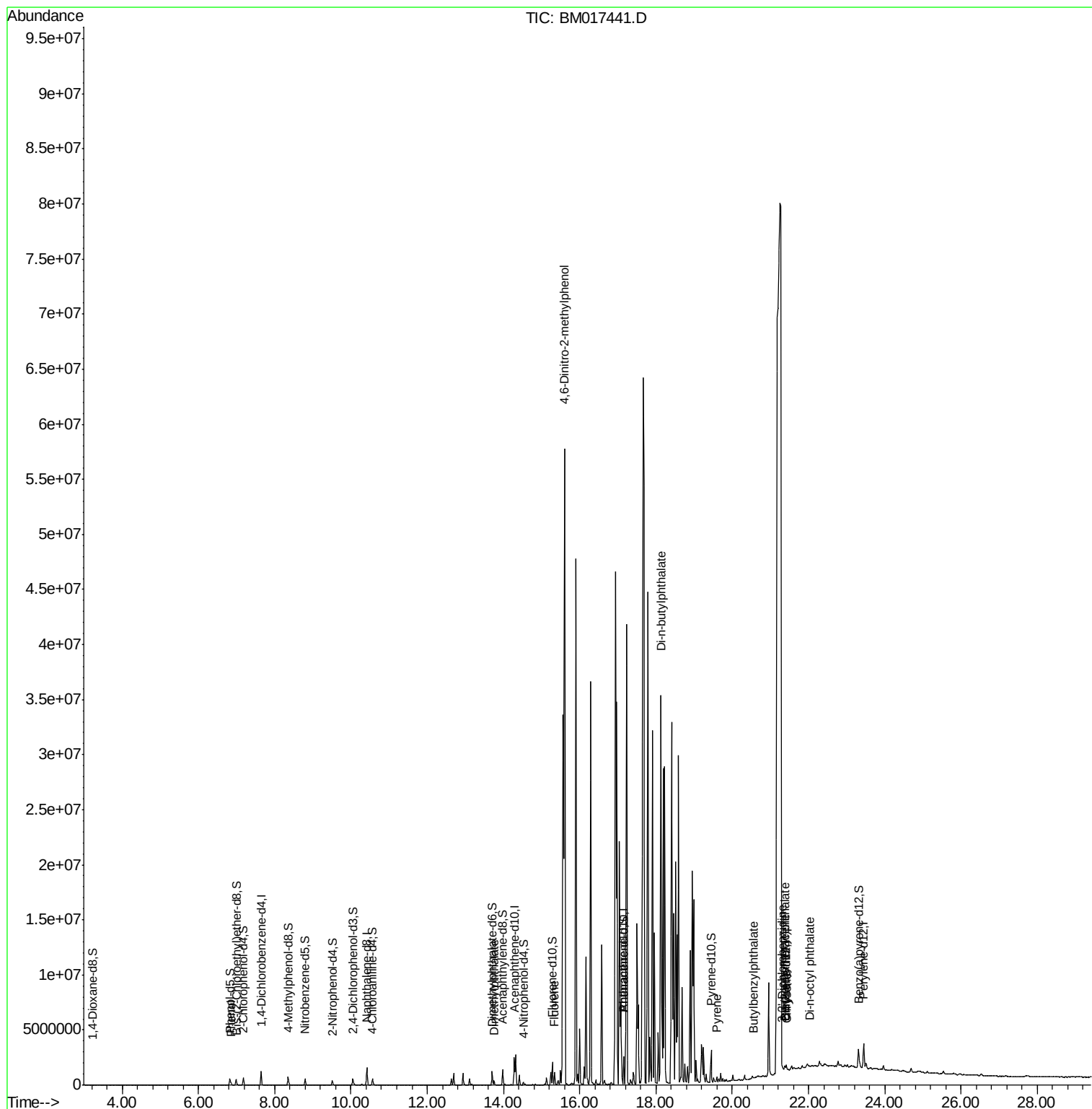
					Qvalue	
6) Phenol	6.85	94	101554	3.455	ng/ul	96
45) Dimethylphthalate	13.75	163	281219	4.194	ng/ul	100
59) Fluorene	15.34	166	165331	2.507	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.60	198	177573	19.385	ng/ul#	1
76) Di-n-butylphthalate	18.13	149	717592	9.354	ng/ul#	1
80) Pyrene	19.60	202	138	1.190	ng/ul#	1
81) Butylbenzylphthalate	20.55	149	522	11.277	ng/ul#	49
82) 3,3'-Dichlorobenzidine	21.32	252	349	8.936	ng/ul#	1
83) Benzo(a)anthracene	21.39	228	324	2.651	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.38	149	90456	1337.094	ng/ul	92
85) Chrysene	21.43	228	428	3.683	ng/ul#	1
87) Di-n-octyl phthalate	22.03	149	107300	1.444	ng/ul	100

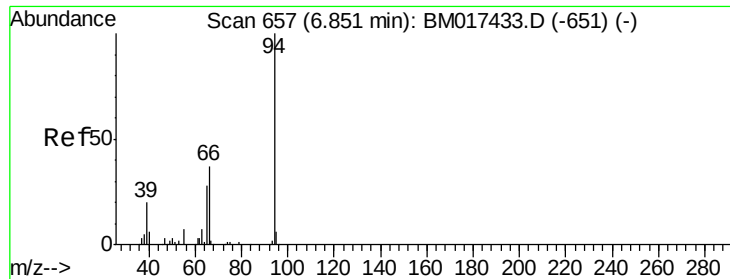
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.455 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Instrument :

BNA_M

ClientSampleId :

A40G0

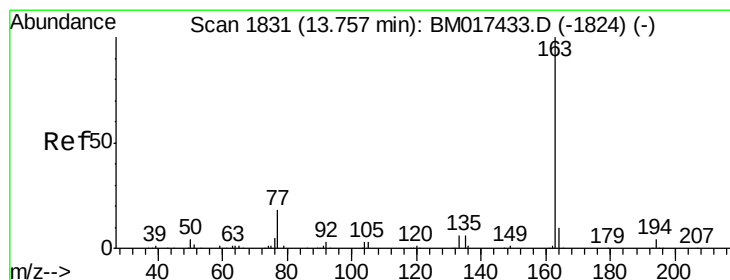
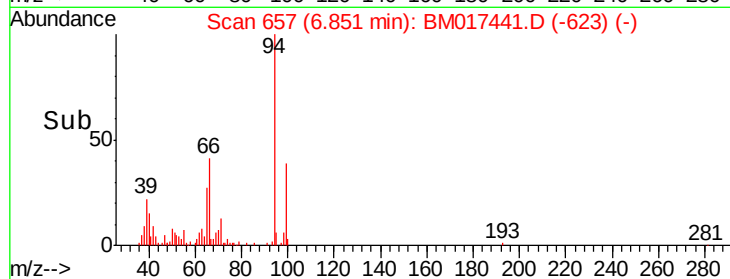
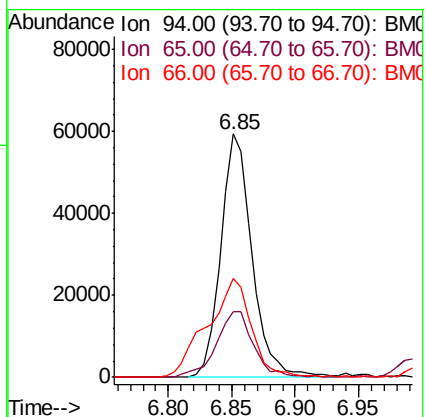
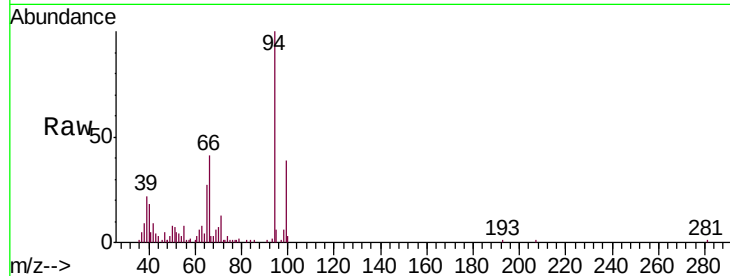
Tgt Ion: 94 Resp: 101554

Ion Ratio Lower Upper

94 100

65 27.0 24.0 36.0

66 40.6 31.1 46.7



#45

Dimethylphthalate

Concen: 4.194 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

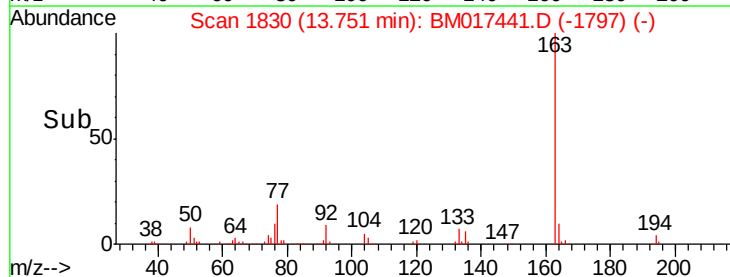
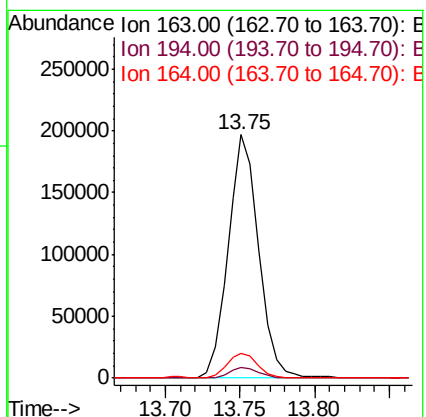
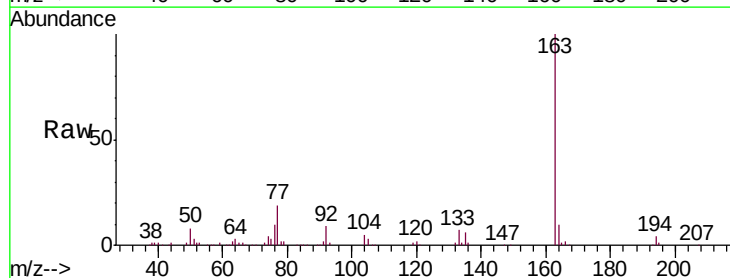
Tgt Ion: 163 Resp: 281219

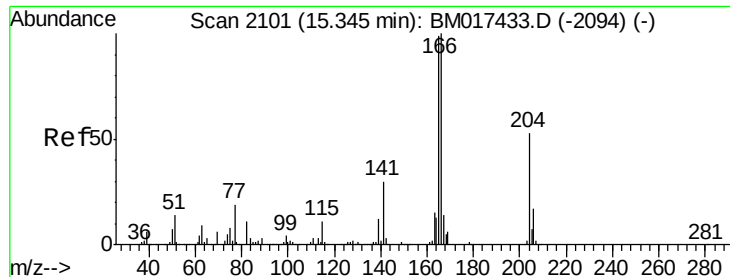
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.0 8.1 12.1

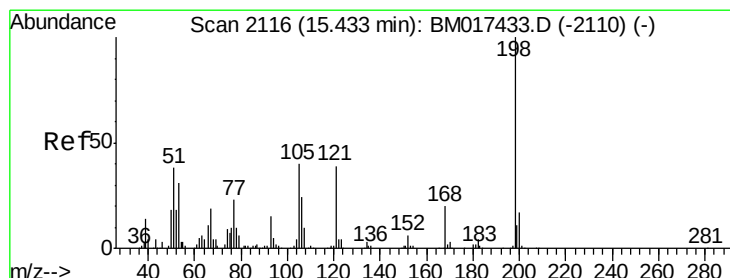
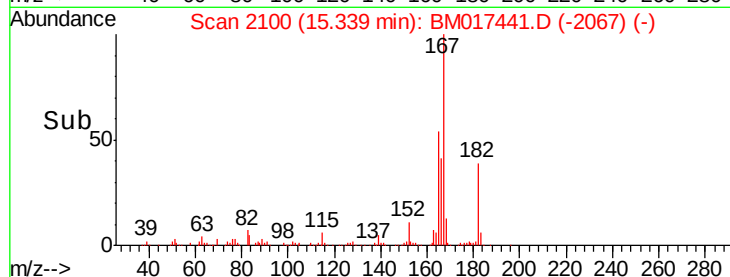
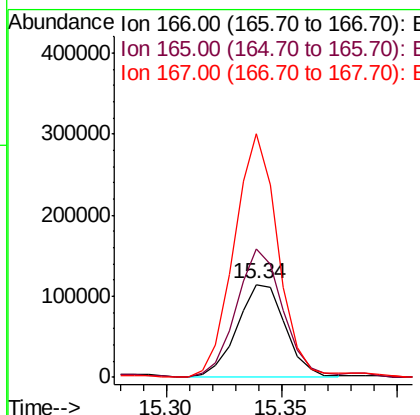
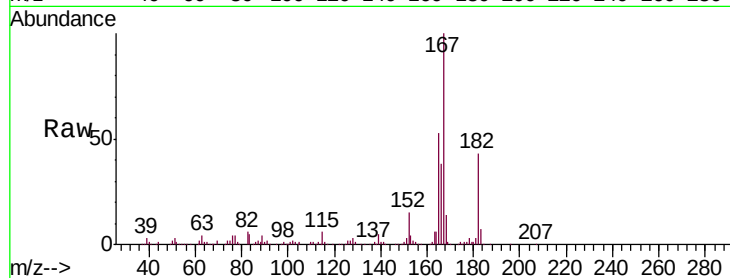




#59
 Fluorene
 Concen: 2.507 ng/ul
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BM017441.D
 Acq: 31 Oct 2018 22:04

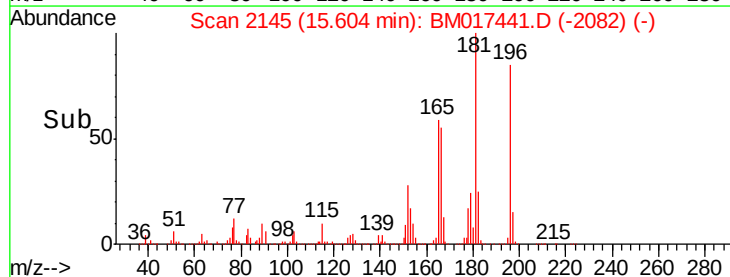
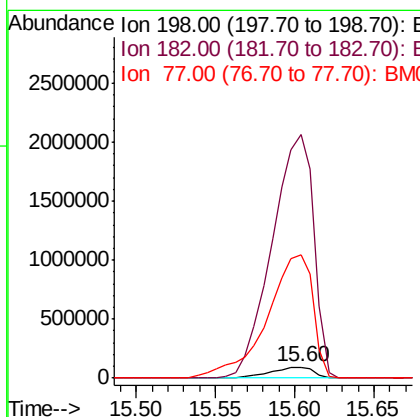
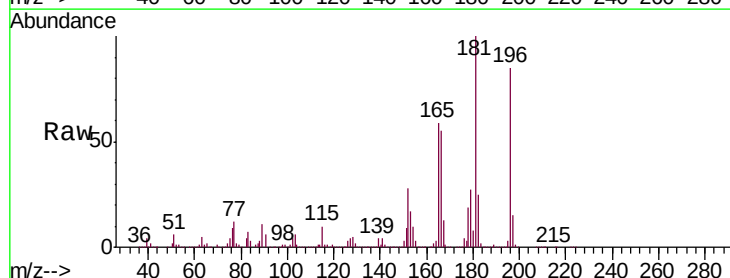
Instrument :
 BNA_M
 ClientSampleId :
 A40G0

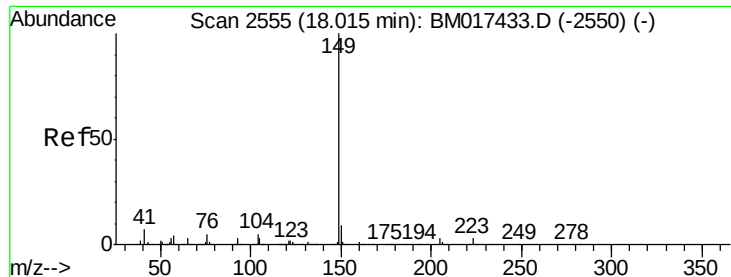
Tgt Ion:166 Resp: 165331
 Ion Ratio Lower Upper
 166 100
 165 137.5 77.5 116.3#
 167 261.8 10.8 16.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 19.385 ng/ul
 RT: 15.60 min Scan# 2145
 Delta R.T. 0.17 min
 Lab File: BM017441.D
 Acq: 31 Oct 2018 22:04

Tgt Ion:198 Resp: 177573
 Ion Ratio Lower Upper
 198 100
 182 2218.3 3.5 5.3#
 77 1124.6 20.3 30.5#





#76

Di-n-butylphthalate

Concen: 9.354 ng/ul

RT: 18.13 min Scan# 2574

Delta R.T. 0.11 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Instrument :

BNA_M

ClientSampleId :

A40G0

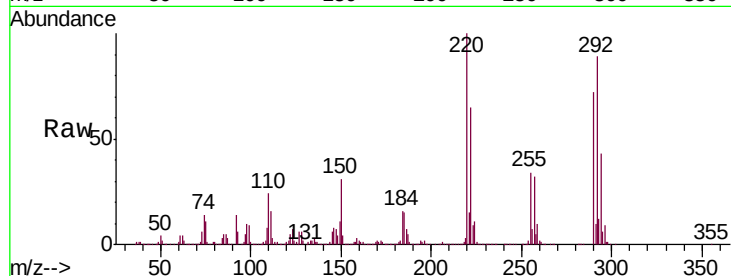
Tgt Ion:149 Resp: 717592

Ion Ratio Lower Upper

149 100

150 274.4 7.0 10.6#

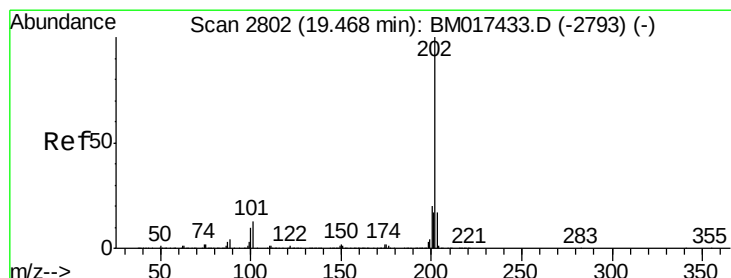
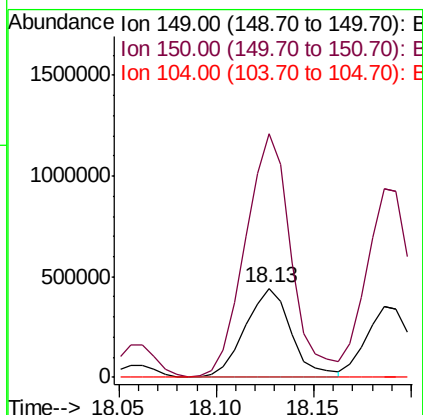
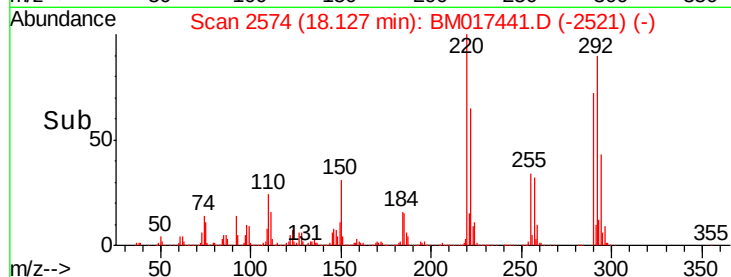
104 0.6 4.0 6.0#



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

Pyrene

Concen: 1.190 ng/ul

RT: 19.60 min Scan# 2825

Delta R.T. 0.14 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

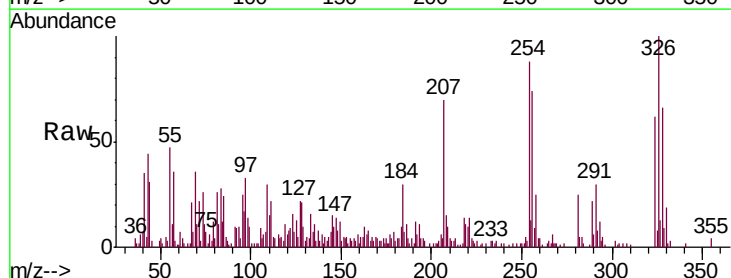
Tgt Ion:202 Resp: 138

Ion Ratio Lower Upper

202 100

101 0.0 9.5 14.3#

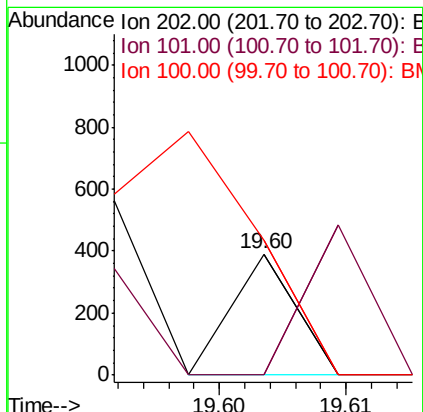
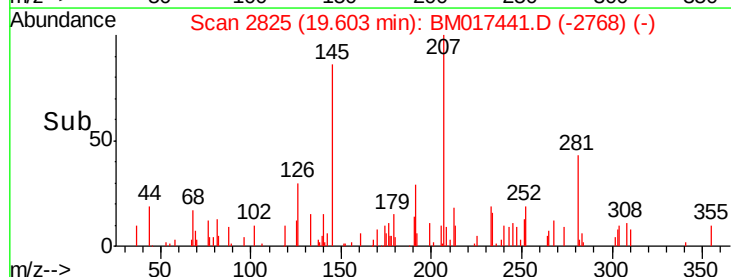
100 111.0 8.1 12.1#

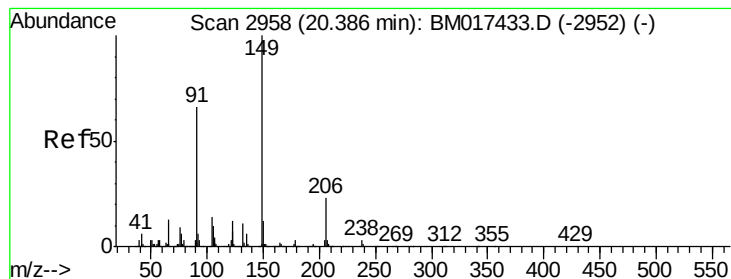


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#81

Butylbenzylphthalate

Concen: 11.277 ng/ul

RT: 20.55 min Scan# 2986

Delta R.T. 0.16 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Instrument :

BNA_M

ClientSampleId :

A40G0

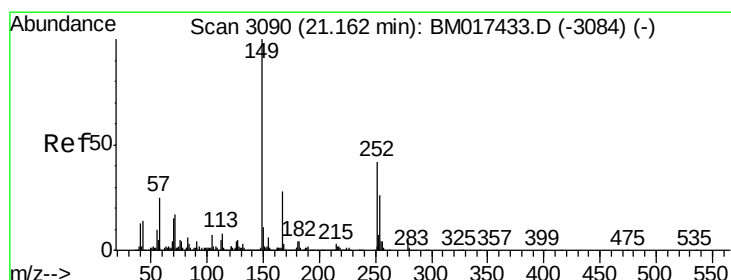
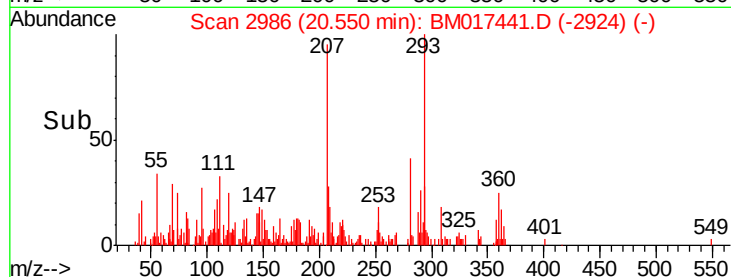
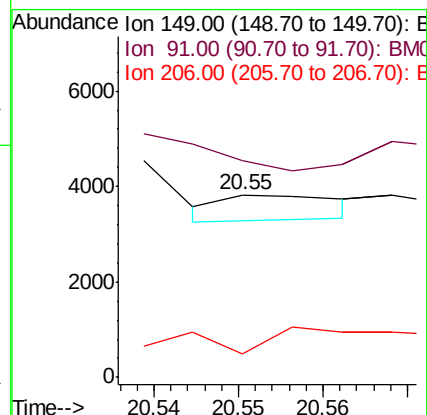
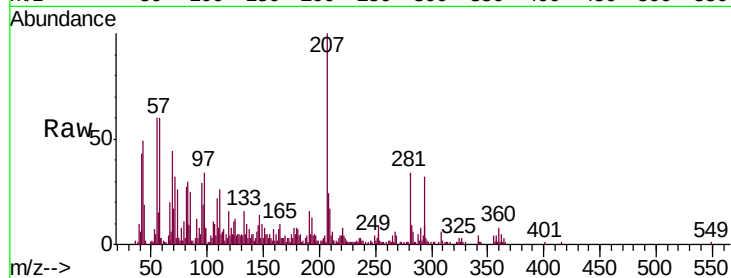
Tgt Ion:149 Resp: 522

Ion Ratio Lower Upper

149 100

91 119.0 55.4 83.0#

206 12.5 17.4 26.0#



#82

3,3'-Dichlorobenzidine

Concen: 8.936 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.16 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

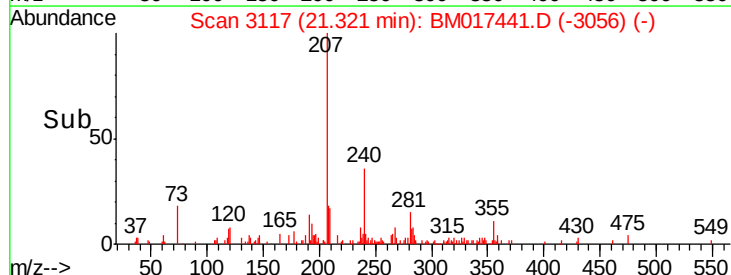
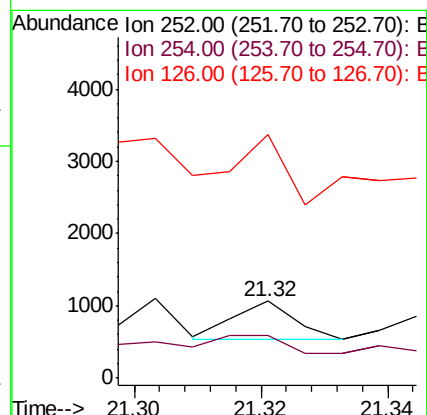
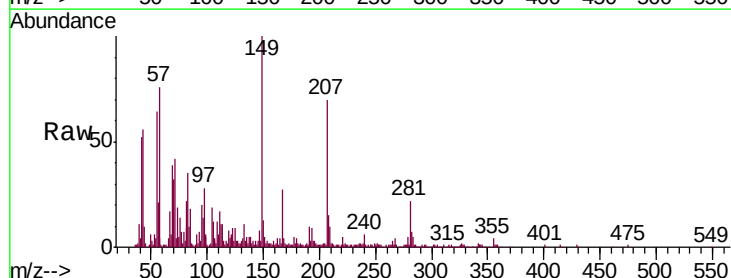
Tgt Ion:252 Resp: 349

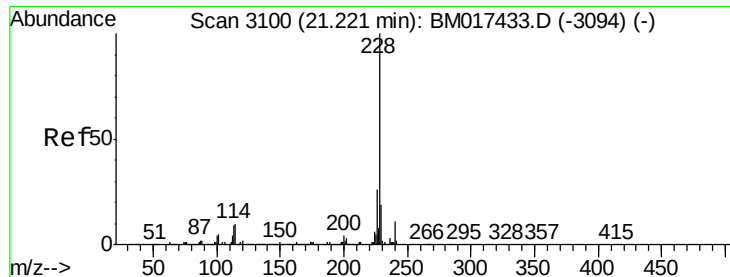
Ion Ratio Lower Upper

252 100

254 55.2 51.7 77.5

126 315.5 8.0 12.0#





#83

Benzo(a)anthracene

Concen: 2.651 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. 0.16 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Instrument :

BNA_M

ClientSampleId :

A40G0

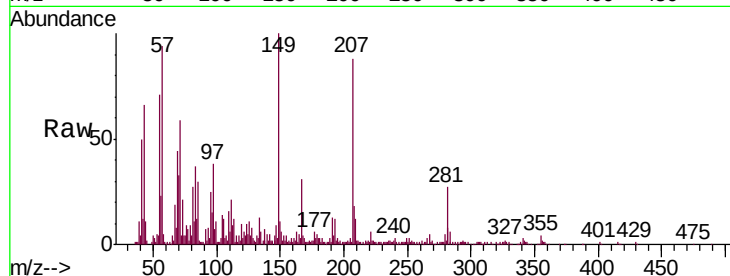
Tgt Ion:228 Resp: 324

Ion Ratio Lower Upper

228 100

229 118.9 15.6 23.4#

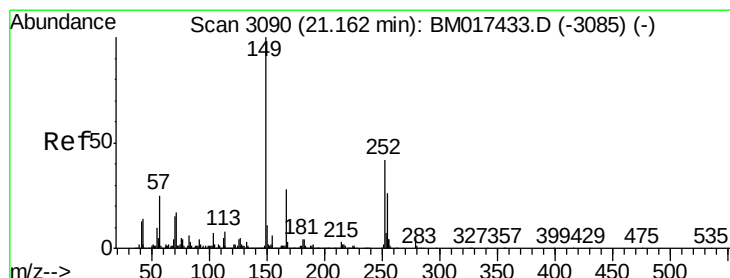
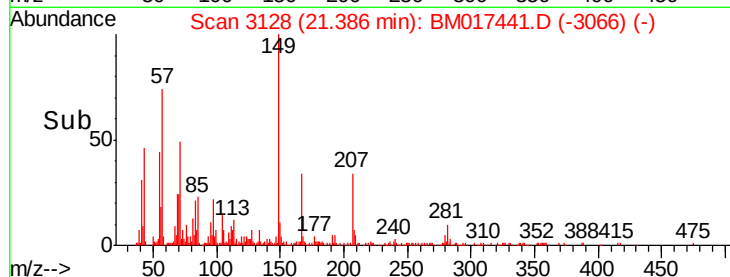
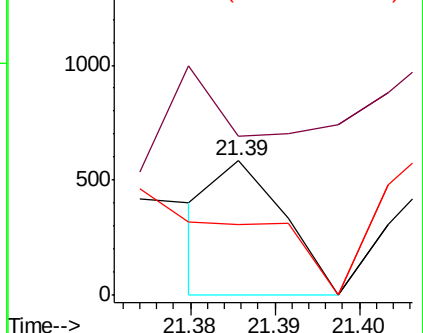
226 52.5 20.8 31.2#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1337.094 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.22 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

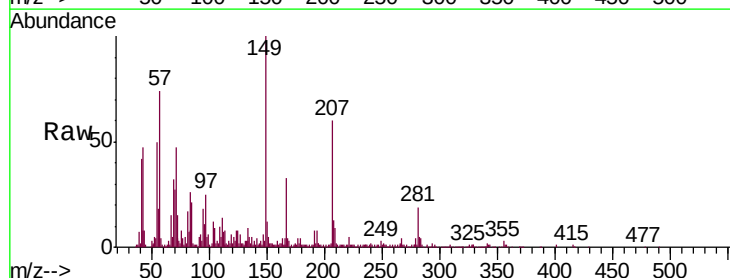
Tgt Ion:149 Resp: 90456

Ion Ratio Lower Upper

149 100

167 33.4 23.0 34.6

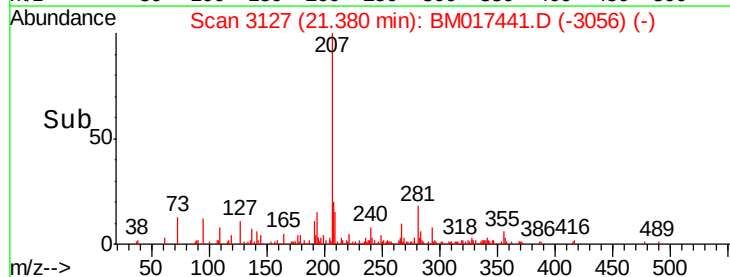
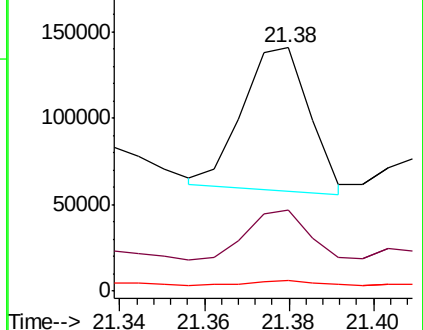
279 4.5 4.1 6.1

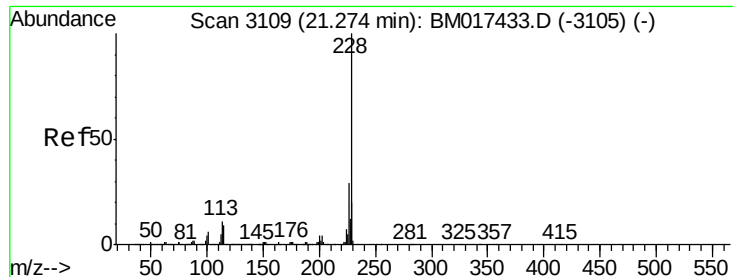


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.683 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.16 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Instrument :

BNA_M

ClientSampled :

A40G0

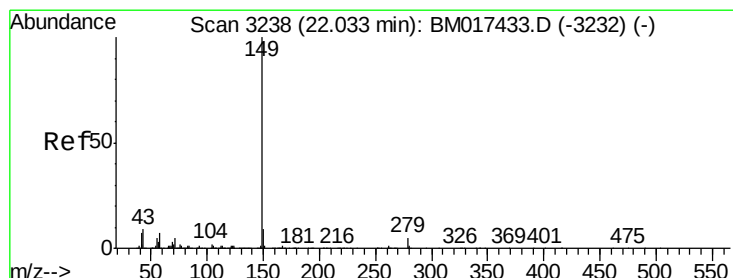
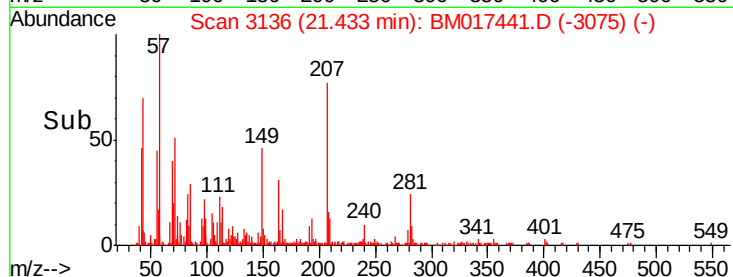
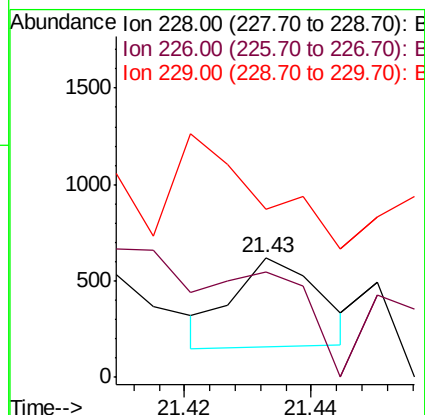
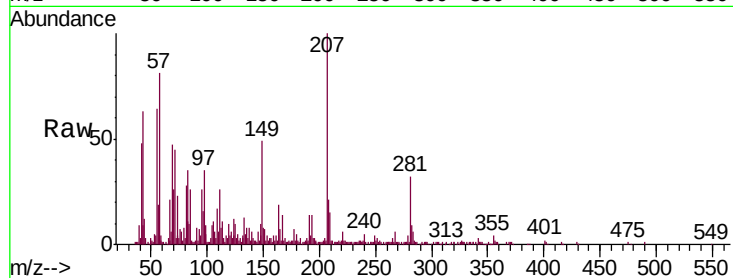
Tgt Ion:228 Resp: 428

Ion Ratio Lower Upper

228 100

226 88.1 23.3 34.9#

229 140.2 15.6 23.4#



#87

Di-n-octyl phthalate

Concen: 1.444 ng/ul

RT: 22.03 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BM017441.D

Acq: 31 Oct 2018 22:04

Tgt Ion:149 Resp: 107300

