

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019617.D
 Acq On : 30 Mar 2019 13:46
 Operator : JU/SJ
 Sample : K2065-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5P7

Quant Time: Mar 30 21:31:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 14:33:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.58
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.36
36) Acenaphthene-d10	14.23	164	486	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	962	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1971	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	949525	20.00	ng/ul	-0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	18681	0.00	ng/uL	0.00
5) Phenol-d5	6.76	99	184638	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	133347	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	158588	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	126238	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	73591	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	81299	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	128868	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	175743	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	476778	12158.25	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	564502	11512.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	46050	7491.45	ng/ul	0.02
58) Fluorene-d10	15.23	176	404673	11977.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	46692	7339.60	ng/ul	0.00
71) Anthracene-d10	17.09	188	629521	13636.47	ng/ul	0.00
79) Pyrene-d10	19.40	212	726068	7975.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	944982	18.77	ng/ul	0.00

Target Compounds

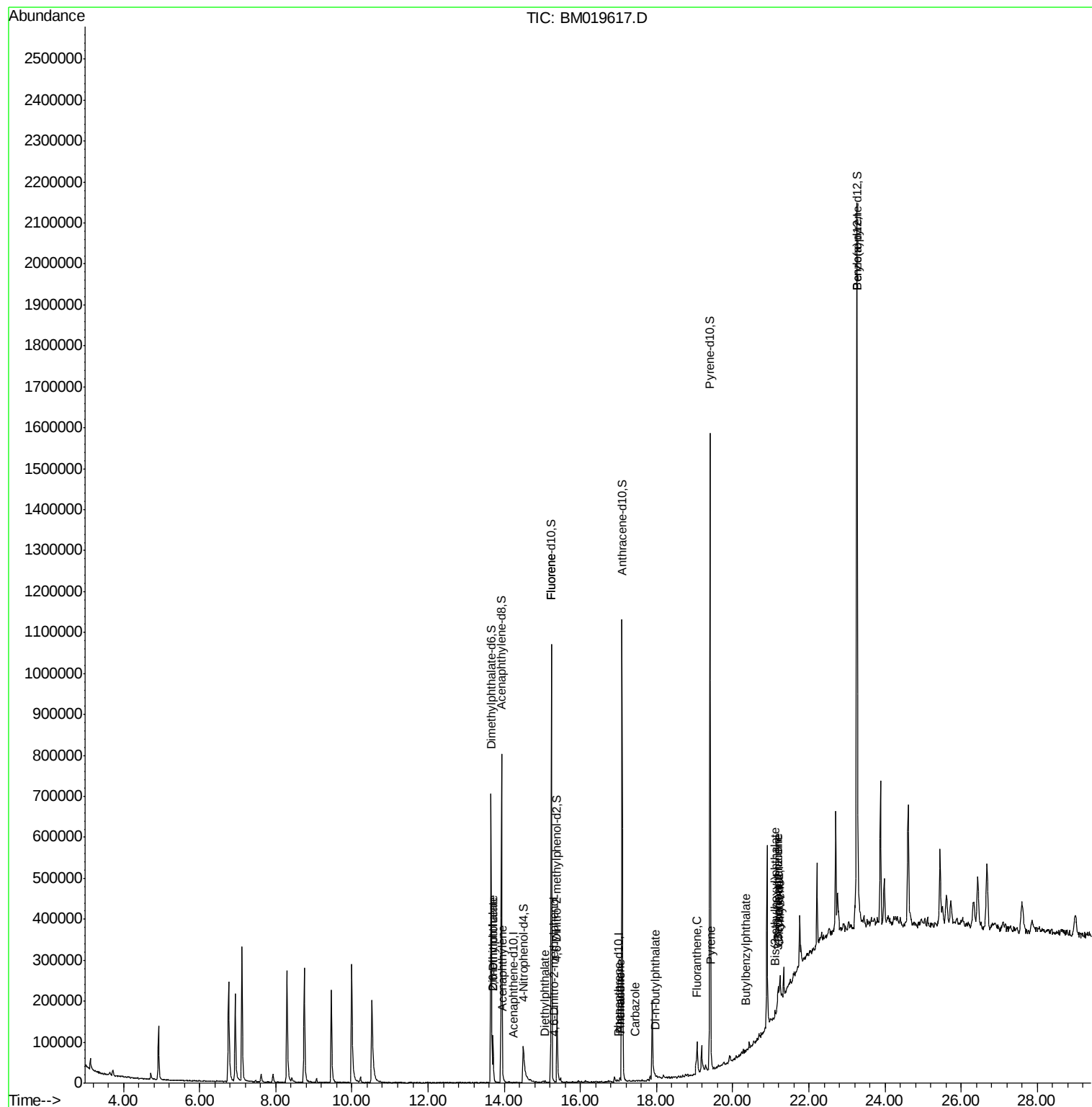
					Qvalue	
45) Dimethylphthalate	13.70	163	71584	1819.376	ng/ul#	98
46) 2,6-Dinitrotoluene	13.71	165	812	112.418	ng/ul#	33
48) Acenaphthylene	13.96	152	3918	80.618	ng/ul	96
57) Diethylphthalate	15.07	149	634	16.382	ng/ul#	57
59) Fluorene	15.23	166	1004	26.506	ng/ul#	9
64) 4,6-Dinitro-2-methylphenol	15.30	198	490	72.752	ng/ul#	58
70) Phenanthrene	17.04	178	6164	113.010	ng/ul	98
72) Anthracene	17.04	178	6164	110.772	ng/ul	99
75) Carbazole	17.43	167	683	13.686	ng/ul#	60
76) Di-n-butylphthalate	17.97	149	3663	66.218	ng/ul#	92
77) Fluoranthene	19.07	202	32418	518.682	ng/ul#	83
80) Pyrene	19.43	202	36711	309.596	ng/ul#	81
81) Butylbenzylphthalate	20.34	149	593	12.630	ng/ul#	78
82) 3,3'-Dichlorobenzidine	21.17	252	519	12.121	ng/ul#	24
83) Benzo(a)anthracene	21.19	228	23911	201.554	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.11	149	4333	63.672	ng/ul#	90
85) Chrysene	21.24	228	29081	255.474	ng/ul	97

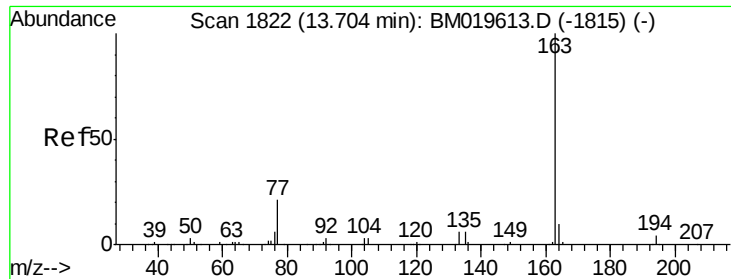
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 14:33:17 2019
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1819.376 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

BF5P7

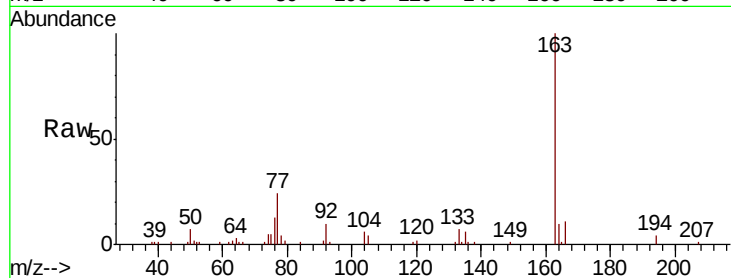
Tgt Ion:163 Resp: 71584

Ion Ratio Lower Upper

163 100

194 3.5 4.0 6.0#

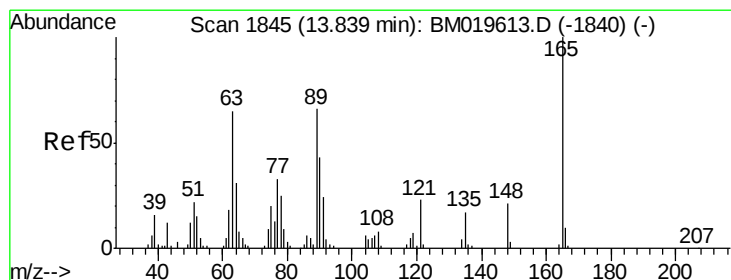
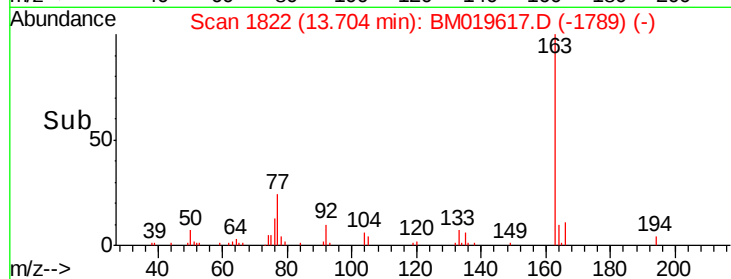
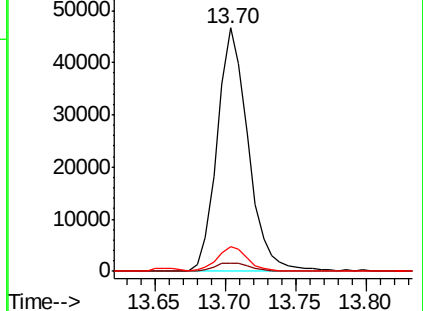
164 9.9 8.4 12.6



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



#46

2,6-Dinitrotoluene

Concen: 112.418 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.14 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

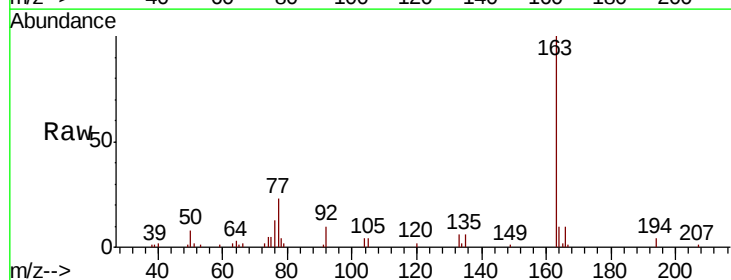
Tgt Ion:165 Resp: 812

Ion Ratio Lower Upper

165 100

89 0.0 43.8 65.8#

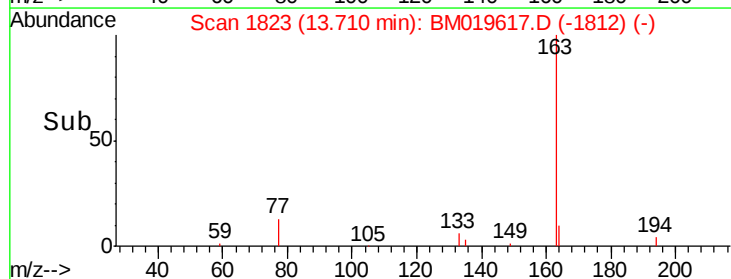
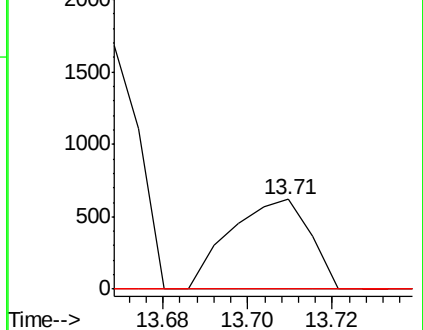
121 0.0 17.8 26.6#

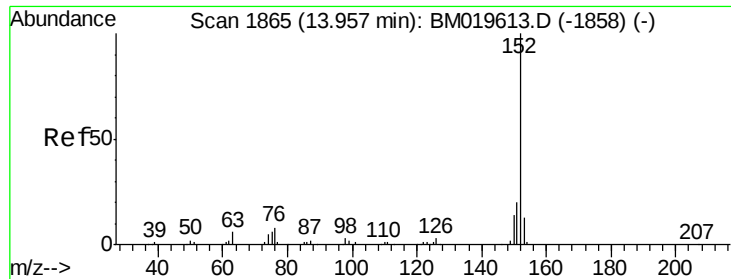


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 80.618 ng/ul

RT: 13.96 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

BF5P7

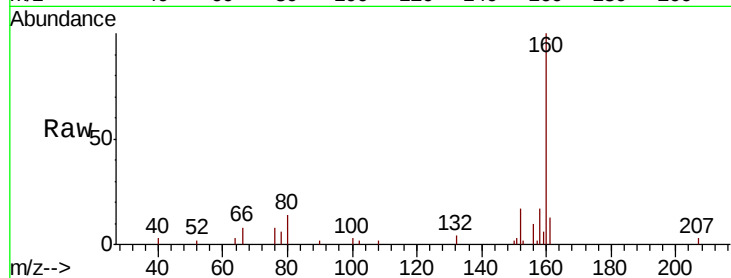
Tgt Ion:152 Resp: 3918

Ion Ratio Lower Upper

152 100

151 18.0 16.1 24.1

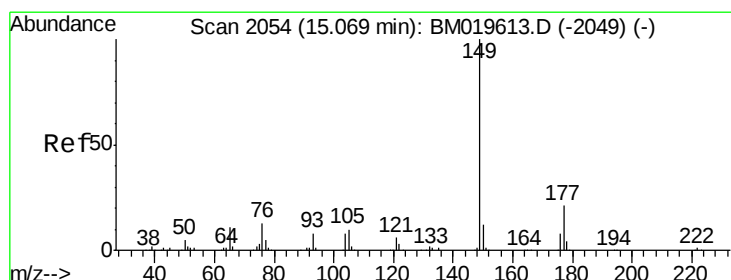
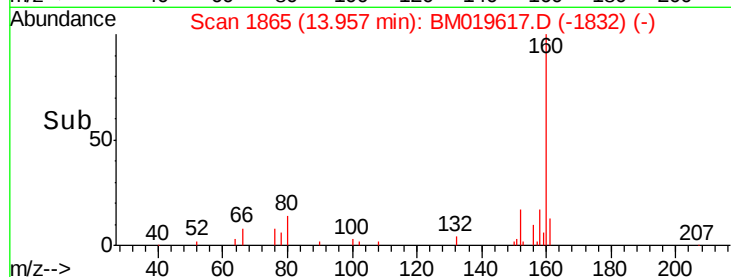
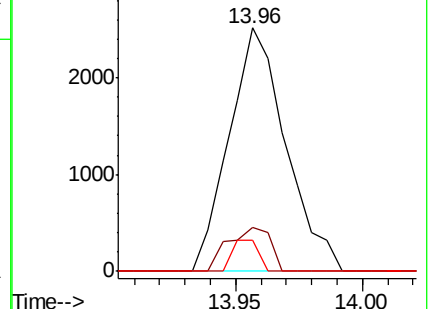
153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#57

Diethylphthalate

Concen: 16.382 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

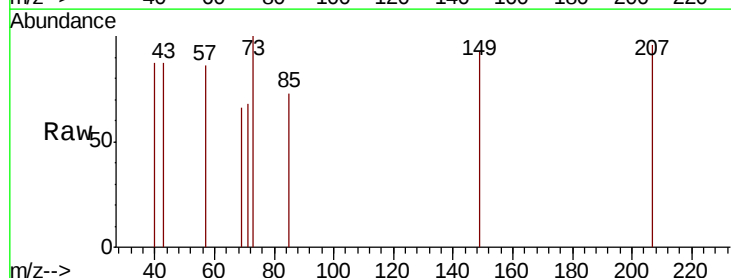
Tgt Ion:149 Resp: 634

Ion Ratio Lower Upper

149 100

177 0.0 19.3 28.9#

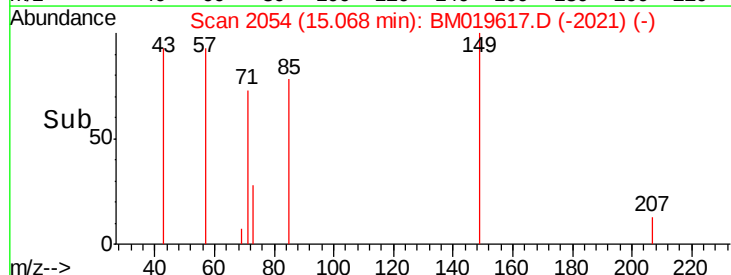
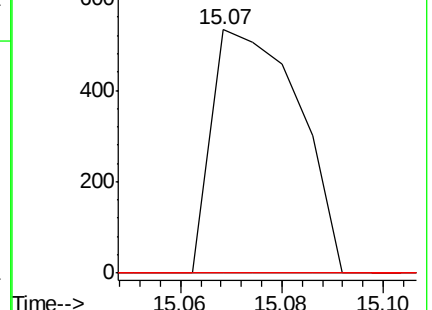
150 0.0 10.6 15.8#

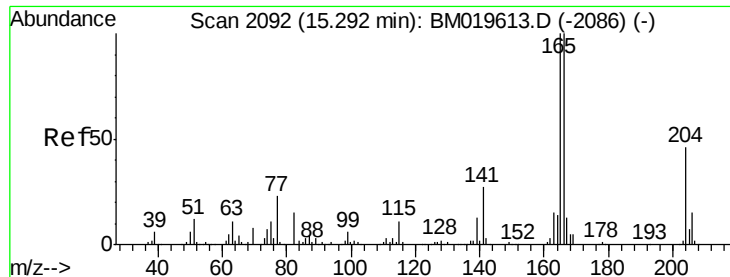


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 26.506 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. -0.06 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

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ClientSampleId :

BF5P7

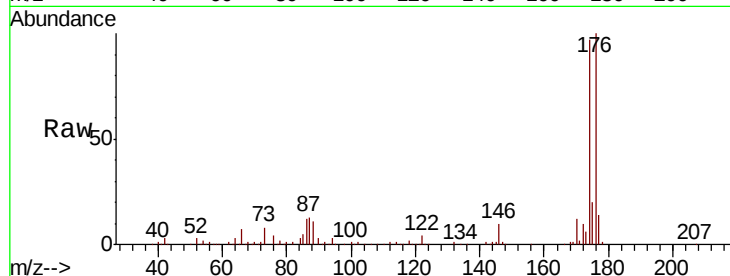
Tgt Ion:166 Resp: 1004

Ion Ratio Lower Upper

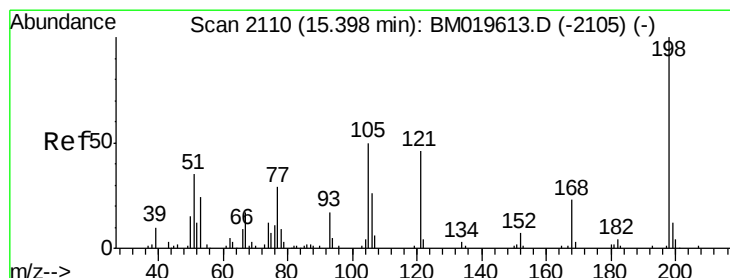
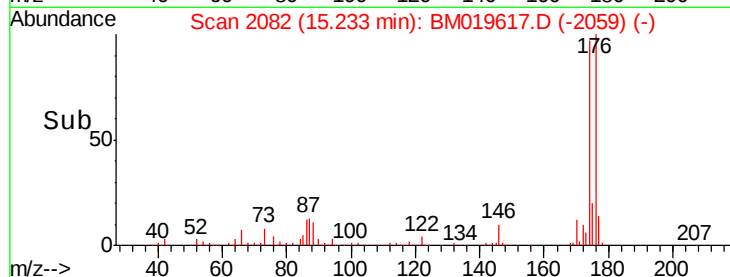
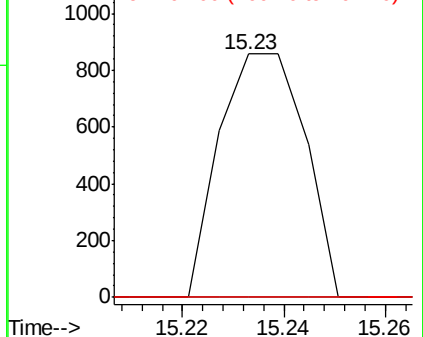
166 100

165 0.0 78.4 117.6#

167 0.0 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 72.752 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. -0.10 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

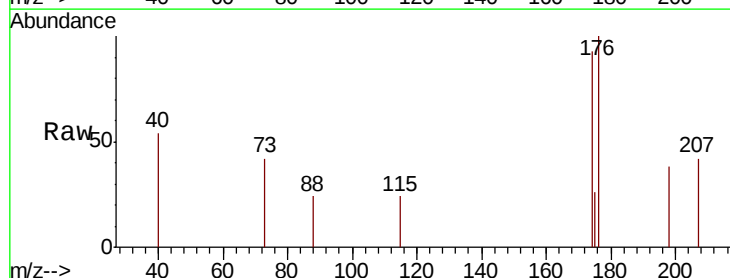
Tgt Ion:198 Resp: 490

Ion Ratio Lower Upper

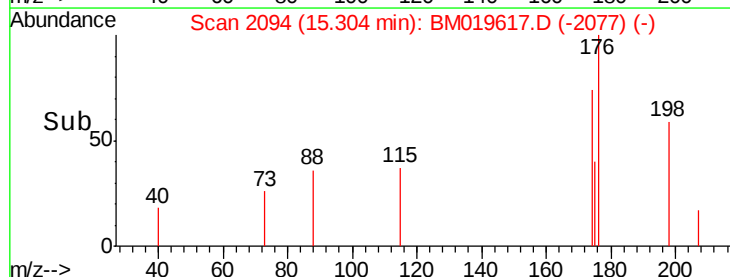
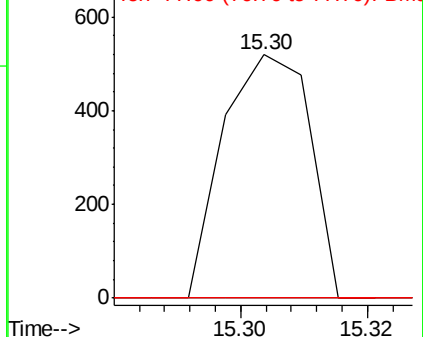
198 100

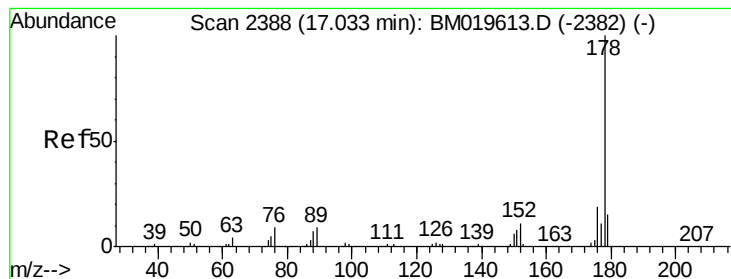
182 0.0 3.5 5.3#

77 0.0 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





#70

Phenanthrene

Concen: 113.010 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

BF5P7

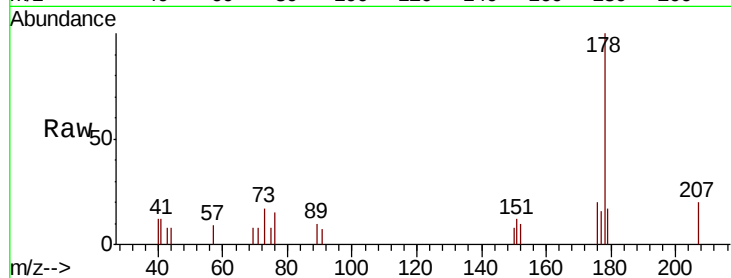
Tgt Ion:178 Resp: 6164

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

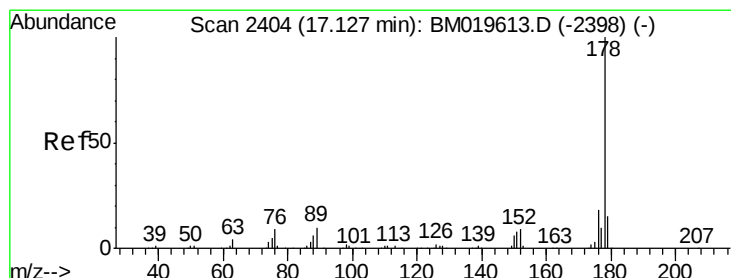
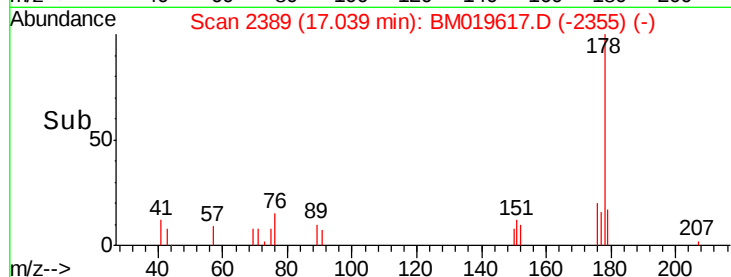
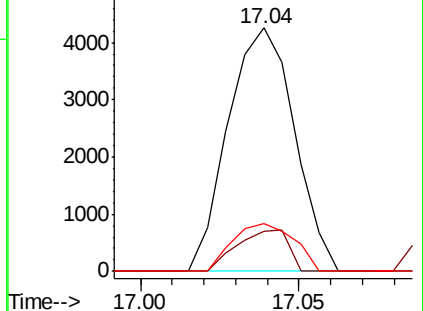
176 19.6 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 110.772 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

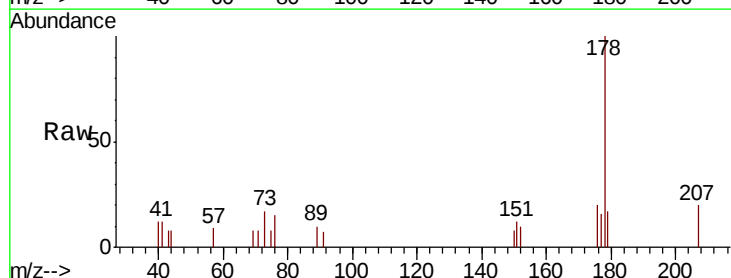
Tgt Ion:178 Resp: 6164

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

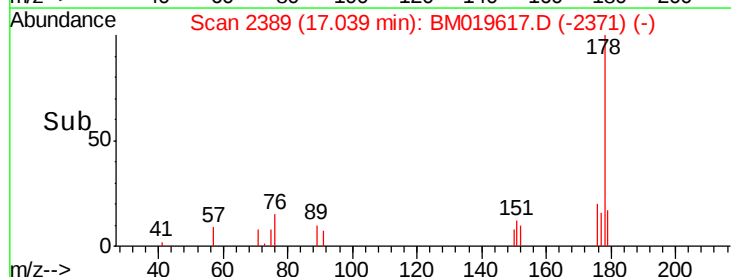
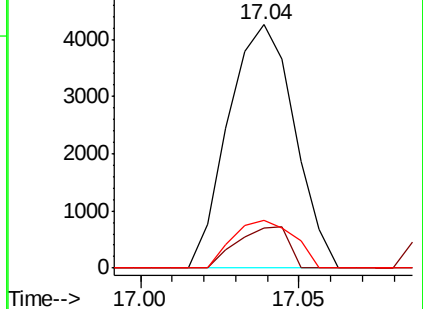
176 19.6 15.4 23.0

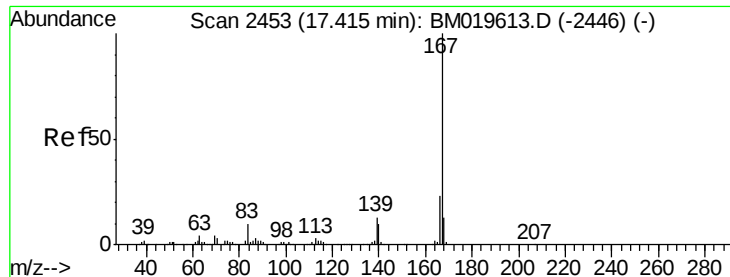


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 13.686 ng/ul

RT: 17.43 min Scan# 2456

Delta R.T. 0.02 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

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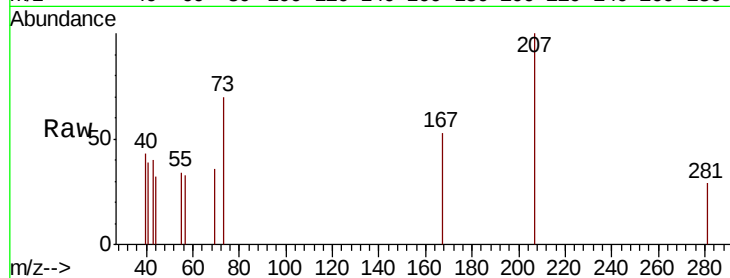
Tgt Ion:167 Resp: 683

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.4#

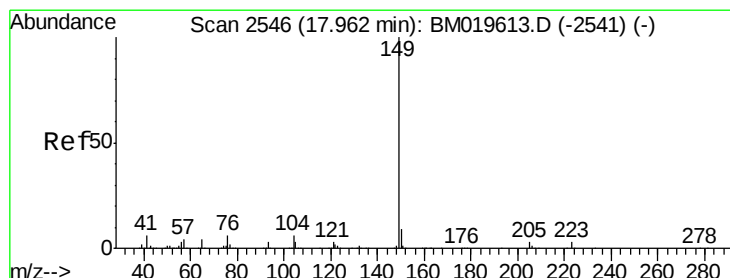
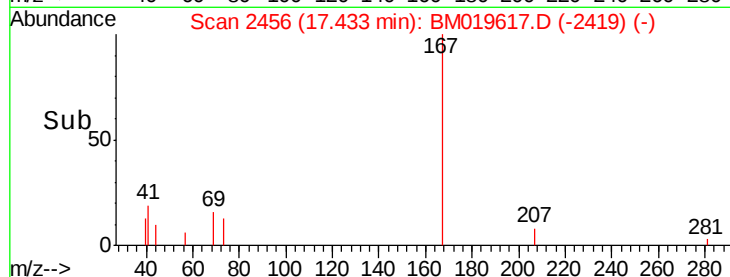
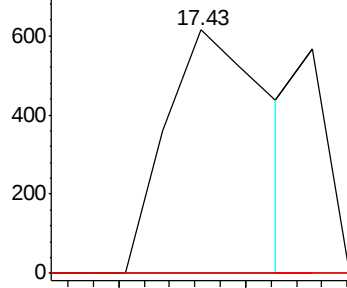
139 0.0 9.1 13.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 66.218 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

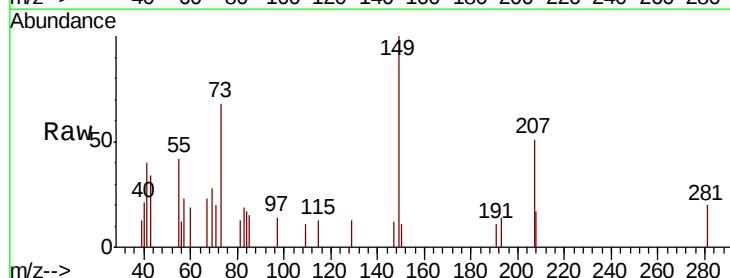
Tgt Ion:149 Resp: 3663

Ion Ratio Lower Upper

149 100

150 10.7 7.5 11.3

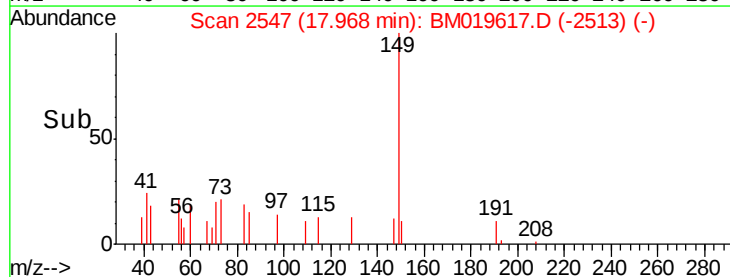
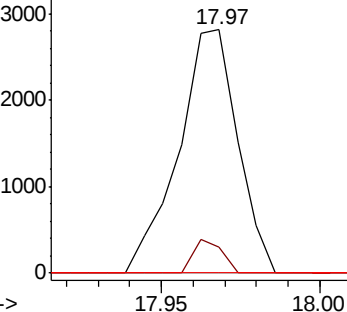
104 0.0 4.1 6.1#

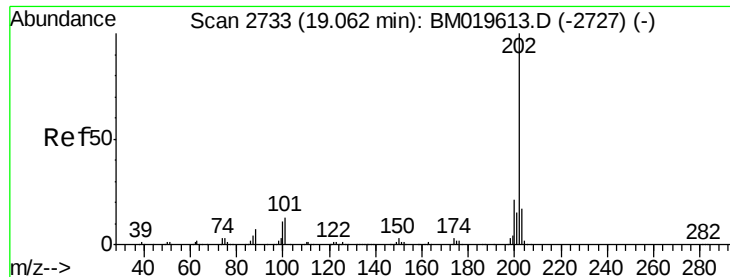


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

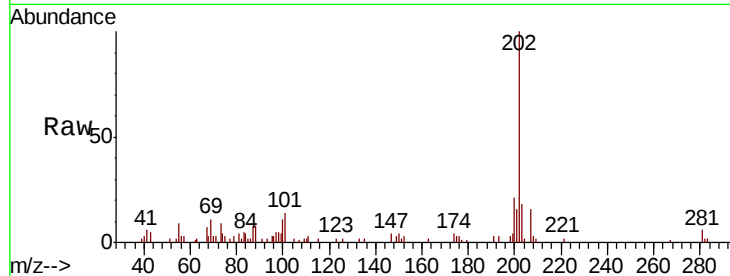




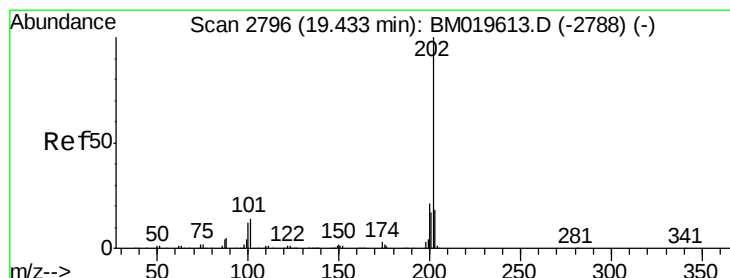
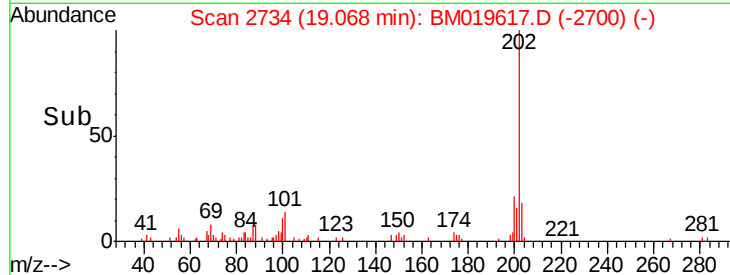
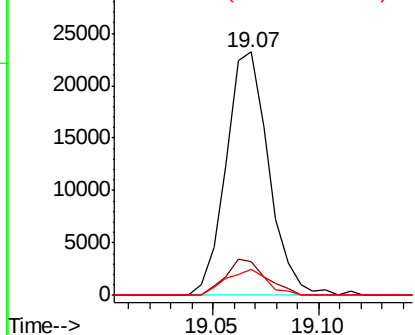
#77
 Fluoranthene
 Concen: 518.682 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BM019617.D
 Acq: 30 Mar 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 BF5P7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	6.1	9.1#
100	10.9	4.6	7.0#

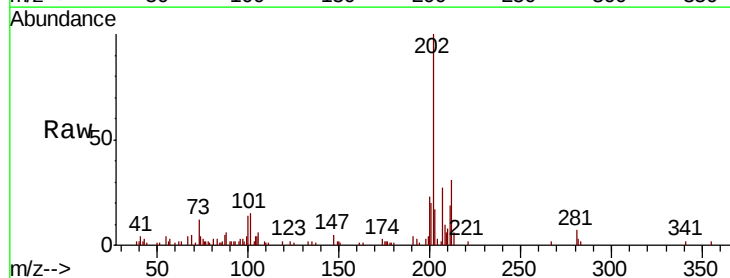


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

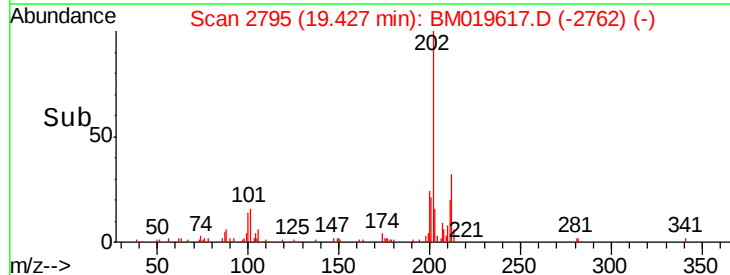
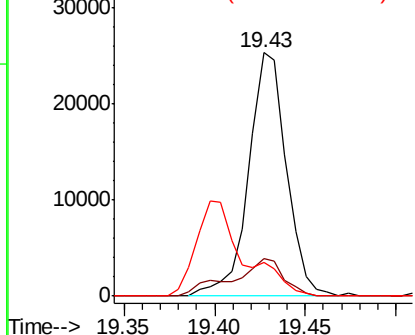


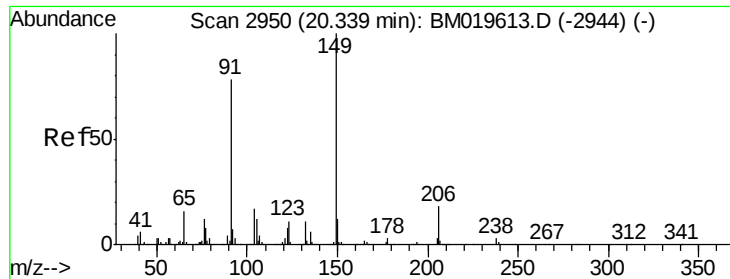
#80
 Pyrene
 Concen: 309.596 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BM019617.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	6.9	10.3#
100	13.7	5.6	8.4#



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

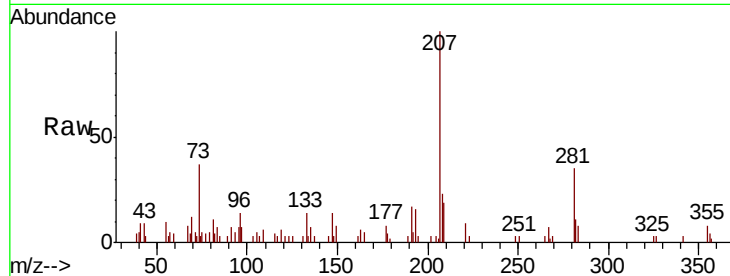




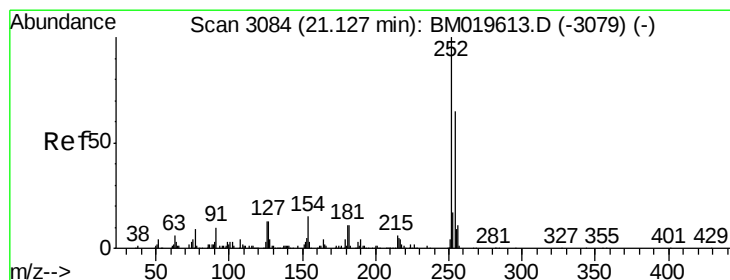
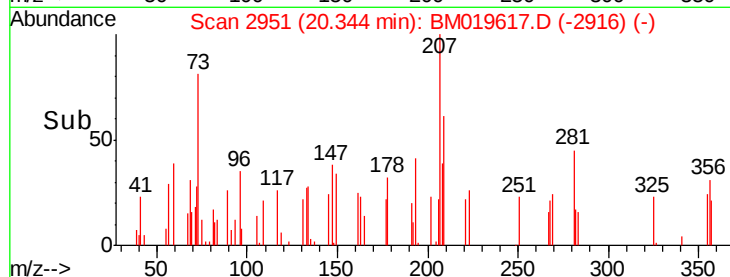
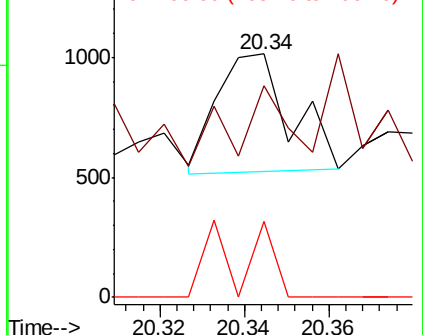
#81
Butylbenzylphthalate
Concen: 12.630 ng/ul
RT: 20.34 min Scan# 2951
Delta R.T. 0.01 min
Lab File: BM019617.D
Acq: 30 Mar 2019 13:46

Instrument :
BNA_M
ClientSampleId :
BF5P7

Tgt Ion:149 Resp: 593
Ion Ratio Lower Upper
149 100
91 86.9 53.4 80.0#
206 31.4 19.3 28.9#

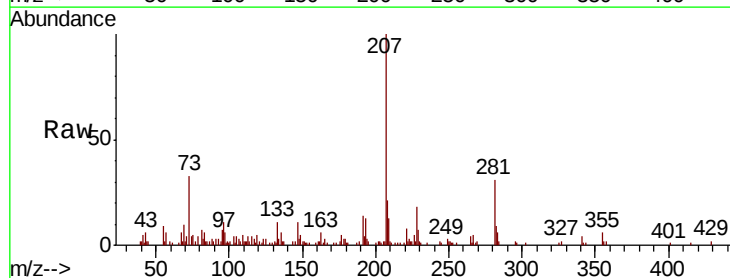


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

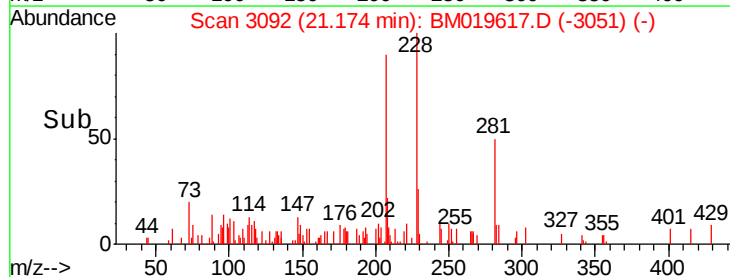
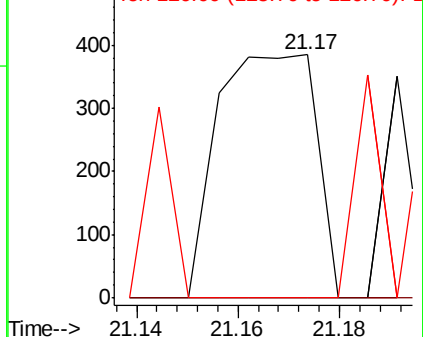


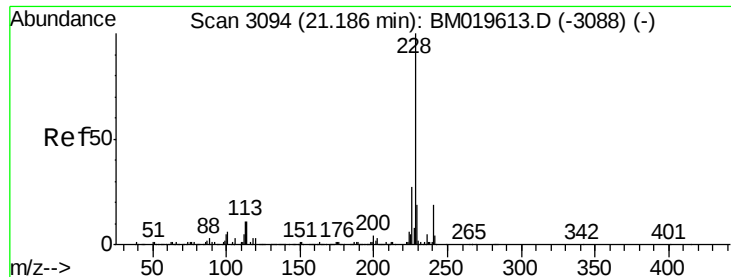
#82
3,3'-Dichlorobenzidine
Concen: 12.121 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.04 min
Lab File: BM019617.D
Acq: 30 Mar 2019 13:46

Tgt Ion:252 Resp: 519
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: 201.554 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

BF5P7

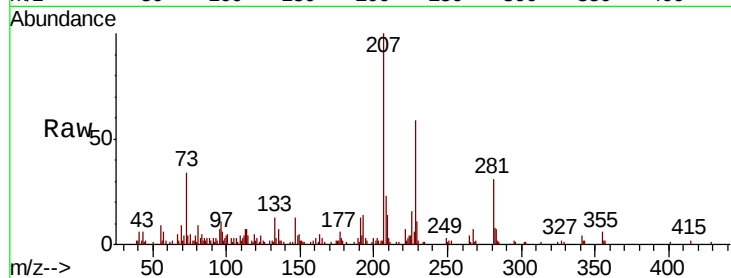
Tgt Ion:228 Resp: 23911

Ion Ratio Lower Upper

228 100

229 18.6 16.0 24.0

226 27.8 21.8 32.8

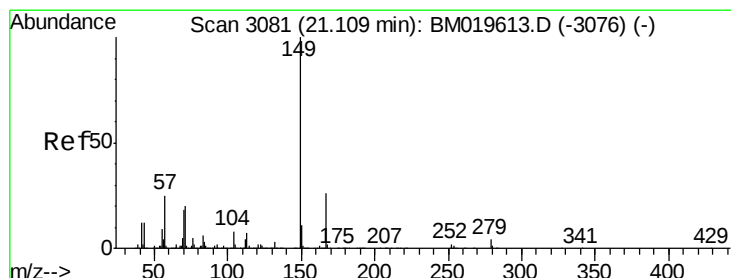
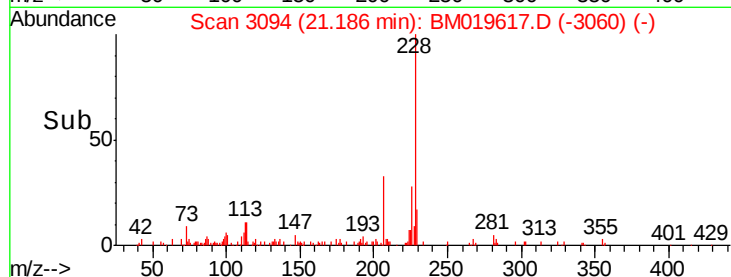
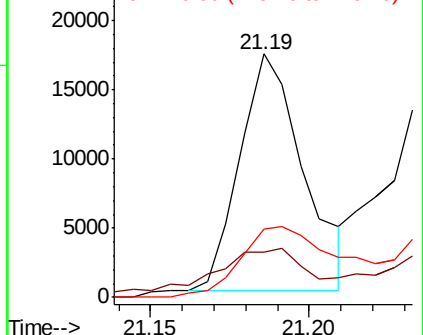


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.672 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

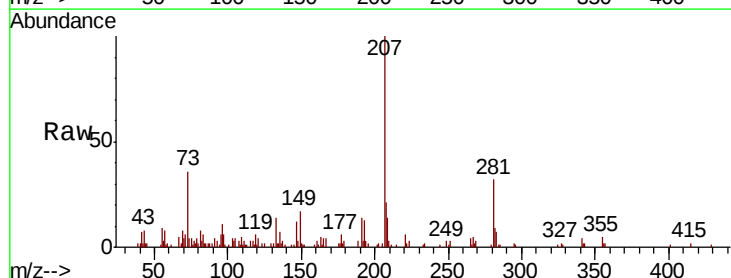
Tgt Ion:149 Resp: 4333

Ion Ratio Lower Upper

149 100

167 23.0 23.0 34.6#

279 6.9 4.3 6.5#

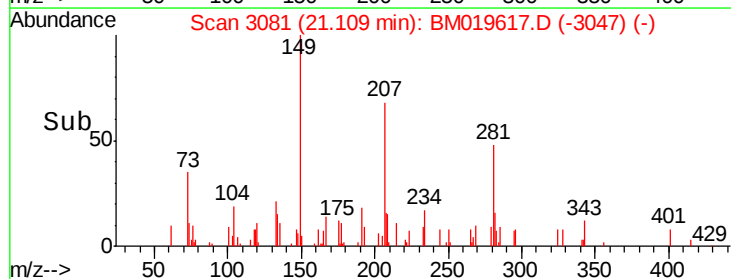
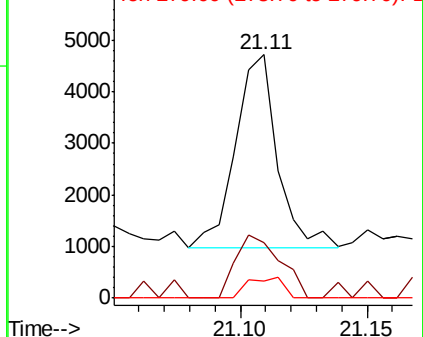


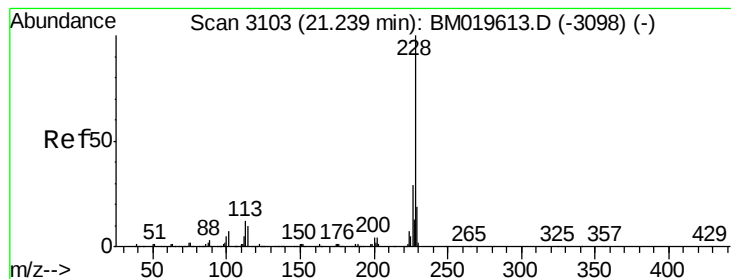
Abundance

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: 255.474 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM019617.D

Acq: 30 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

BF5P7

Tgt Ion: 228 Resp: 29081

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 22.3 16.0 24.0

