

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019730.D
 Acq On : 03 Apr 2019 15:05
 Operator : JU/SJ
 Sample : K2148-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G9

Quant Time: Apr 04 01:50:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 04 01:45:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	184698	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	843334	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	479728	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	962974	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	694484	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	713678	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	28023	5.94	ng/uL	0.00
5) Phenol-d5	6.76	99	273654	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	188164	17.09	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	226688	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	201018	16.28	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	115123	19.14	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	134474	20.08	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.99	165	215565	17.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	182638	12.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	779291	20.13	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	898950	18.57	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	67252	11.08	ng/ul	0.01
58) Fluorene-d10	15.23	176	639627	19.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	59620	9.36	ng/ul	0.00
71) Anthracene-d10	17.09	188	911165	19.72	ng/ul	0.00
79) Pyrene-d10	19.40	212	774138	24.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	635065	16.79	ng/ul	0.00

Target Compounds

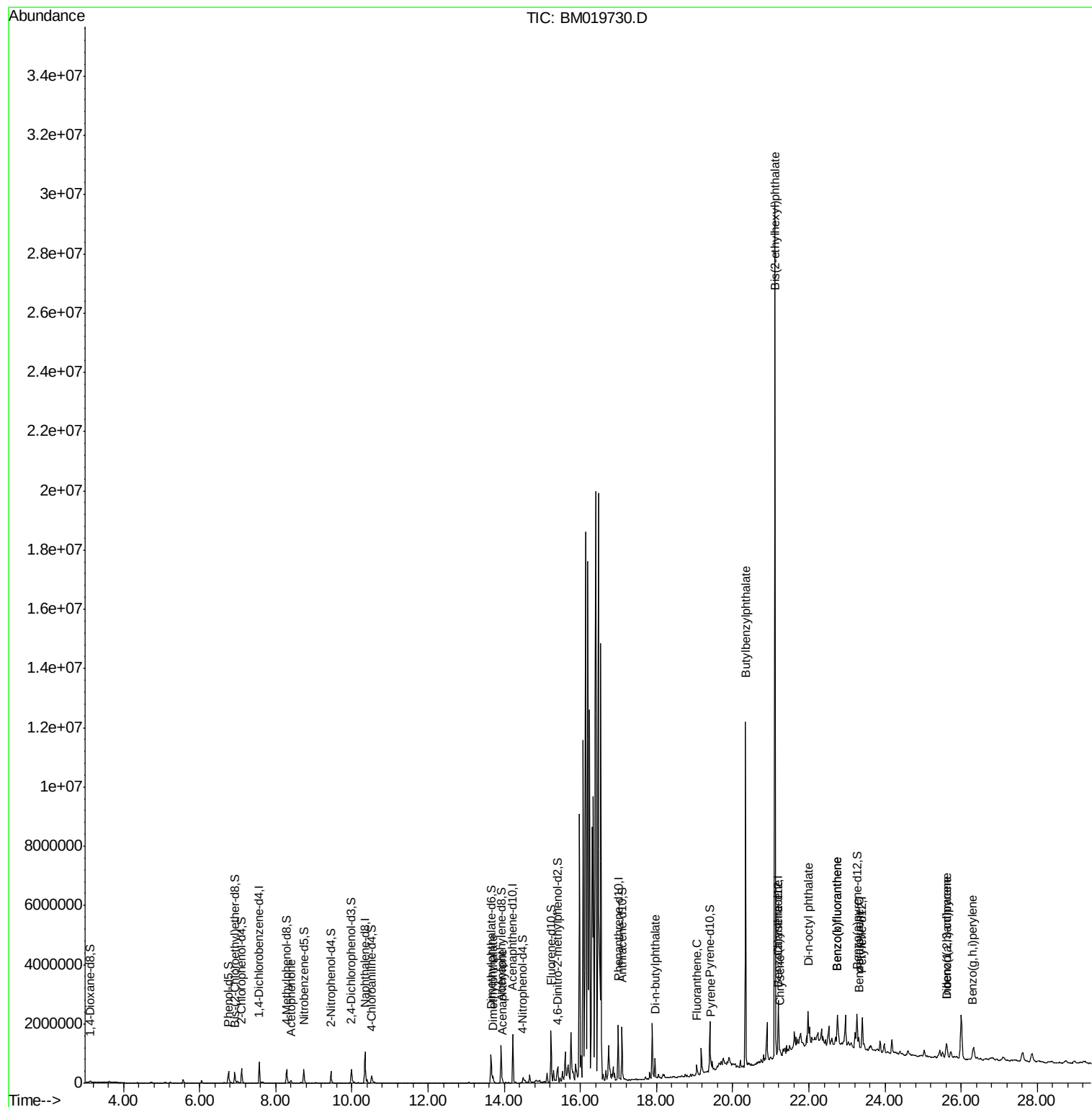
					Qvalue	
14) Acetophenone	8.40	105	34741	1.728	ng/ul	94
45) Dimethylphthalate	13.70	163	197132	5.076	ng/ul#	99
48) Acenaphthylene	13.95	152	53862	1.123	ng/ul	97
76) Di-n-butylphthalate	17.96	149	442433	7.990	ng/ul	100
77) Fluoranthene	19.06	202	154908	2.476	ng/ul#	86
80) Pyrene	19.43	202	193888	4.641	ng/ul#	83
81) Butylbenzylphthalate	20.34	149	3157291	190.854	ng/ul	91
83) Benzo(a)anthracene	21.18	228	96044	2.298	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.11	149	10597178	441.950	ng/ul	95
85) Chrysene	21.23	228	66432	1.656	ng/ul	95
87) Di-n-octyl phthalate	21.98	149	961215	21.593	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	709197	16.314	ng/ul#	93
89) Benzo(k)fluoranthene	22.74	252	709197	16.988	ng/ul#	92
91) Benzo(a)pyrene	23.31	252	261486	6.292	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.62	276	288269	5.539	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.61	278	88817	2.002	ng/ul#	83
94) Benzo(g,h,i)perylene	26.30	276	244139	5.614	ng/ul#	92

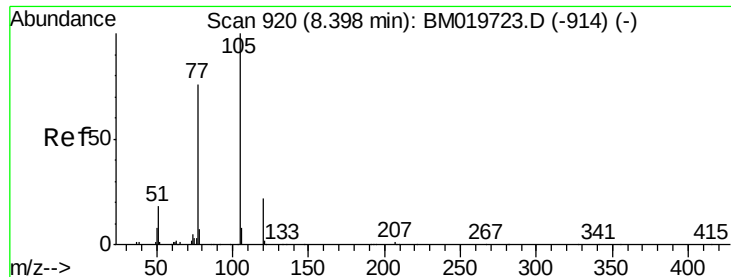
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.728 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

ClientSampled :

BF5G9

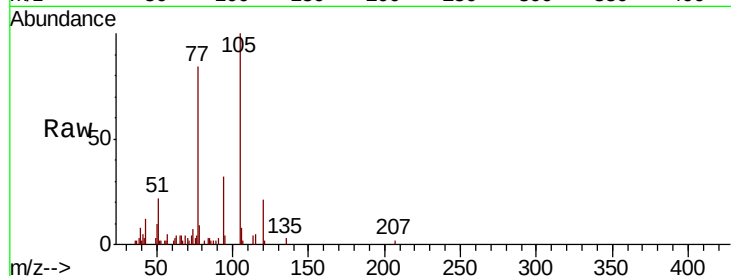
Tgt Ion:105 Resp: 34741

Ion Ratio Lower Upper

105 100

77 84.2 63.2 94.8

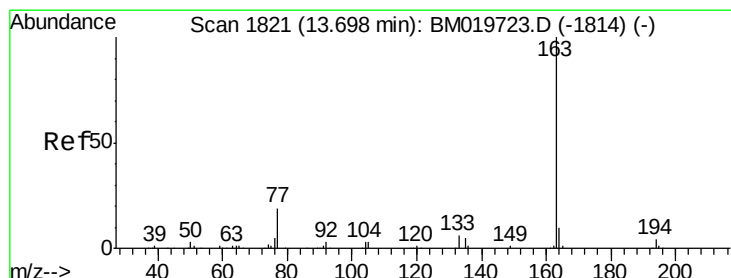
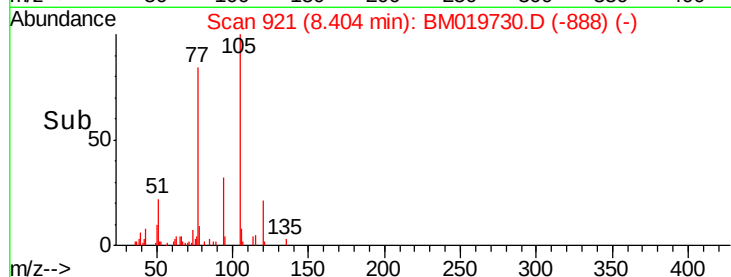
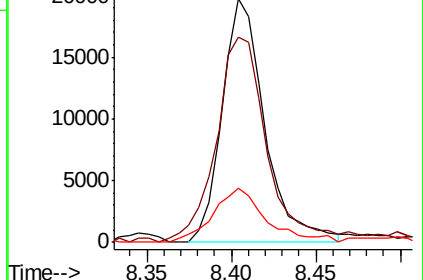
51 22.4 19.8 29.8



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



#45

Dimethylphthalate

Concen: 5.076 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

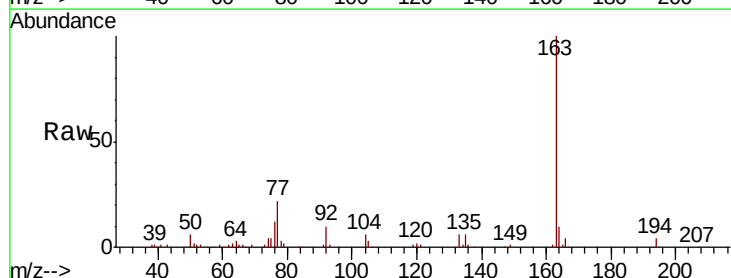
Tgt Ion:163 Resp: 197132

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

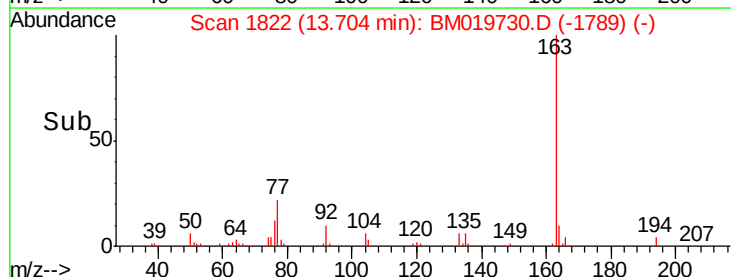
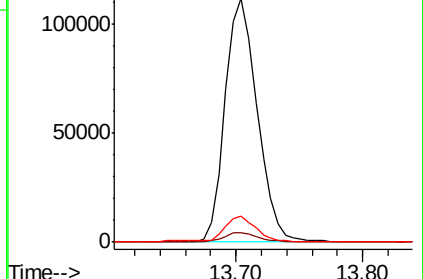
164 10.4 8.4 12.6

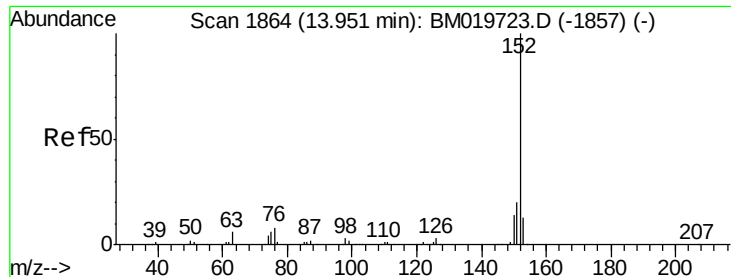


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 1.123 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

ClientSampleId :

BF5G9

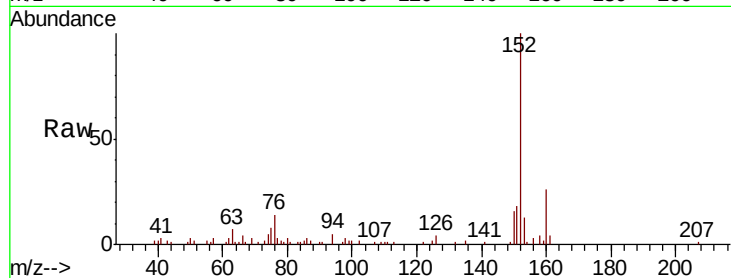
Tgt Ion:152 Resp: 53862

Ion Ratio Lower Upper

152 100

151 18.3 16.1 24.1

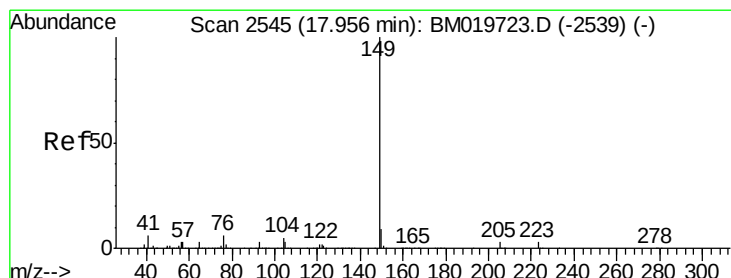
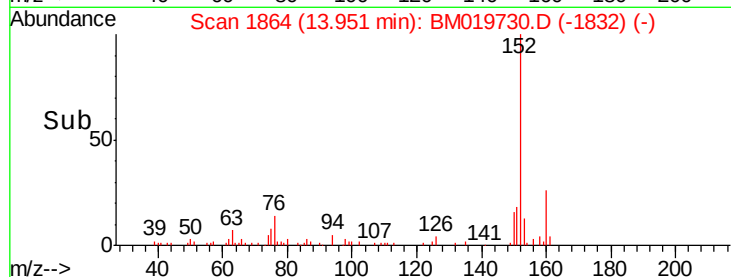
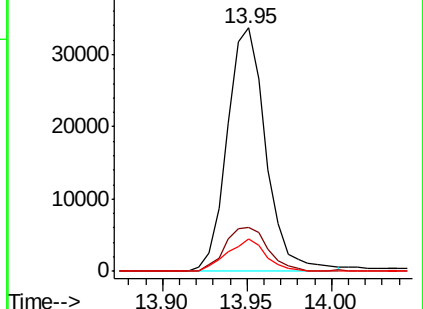
153 13.3 10.8 16.2



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



#76

Di-n-butylphthalate

Concen: 7.990 ng/ul

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

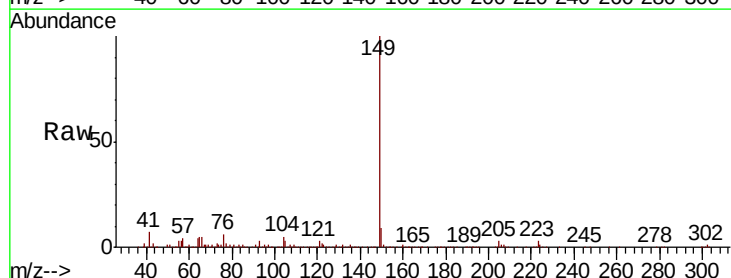
Tgt Ion:149 Resp: 442433

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

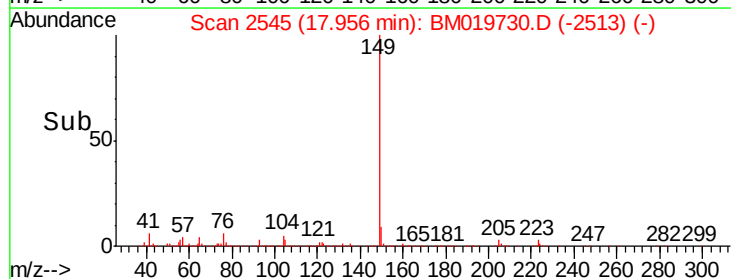
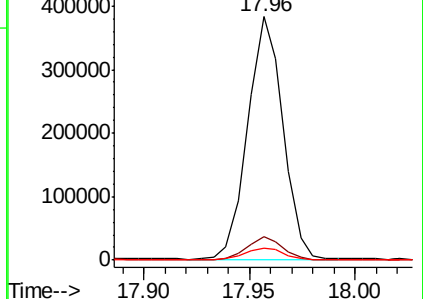
104 5.1 4.1 6.1

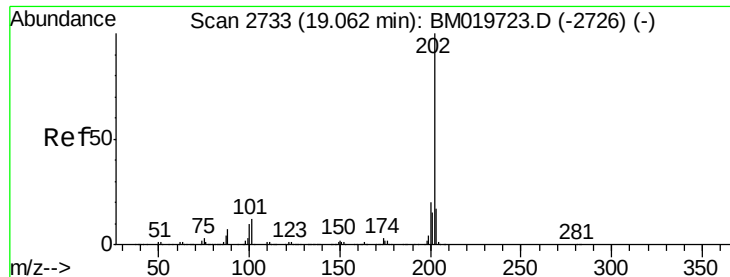


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

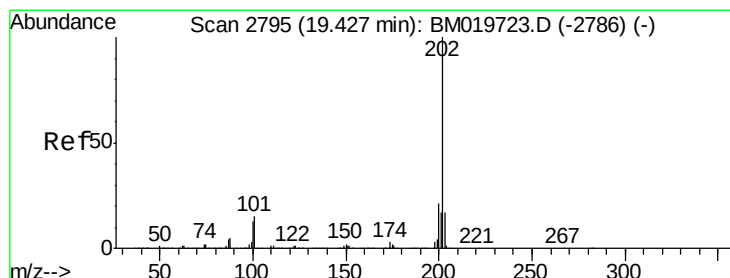
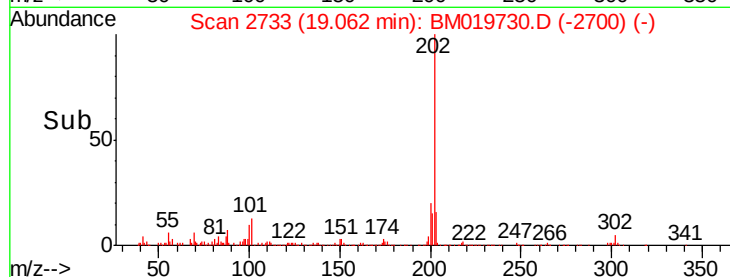
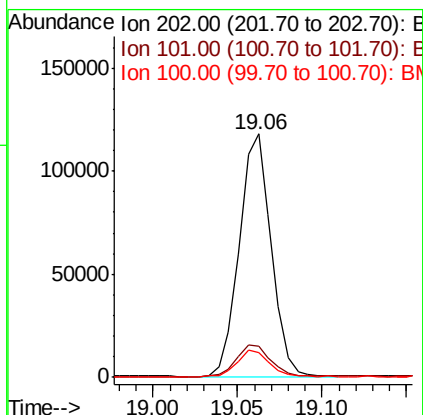
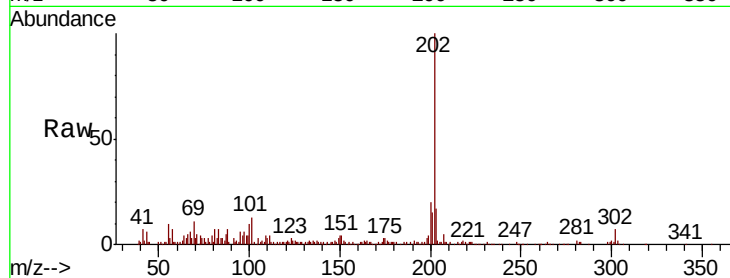




#77
 Fluoranthene
 Concen: 2.476 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.01 min
 Lab File: BM019730.D
 Acq: 03 Apr 2019 15:05

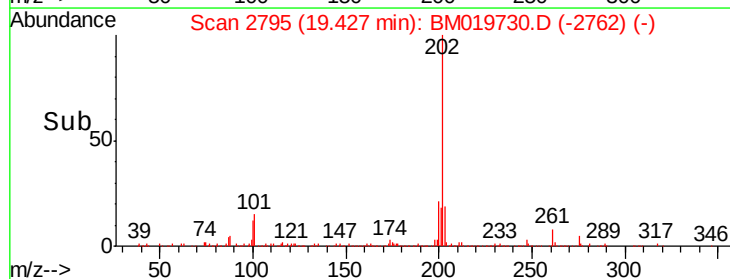
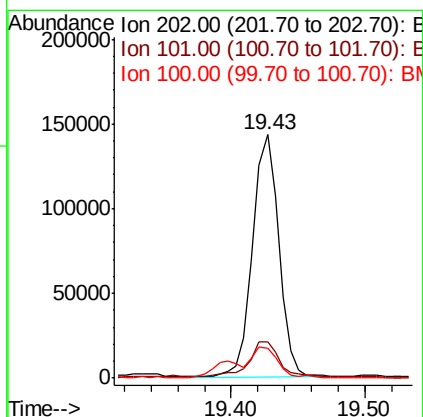
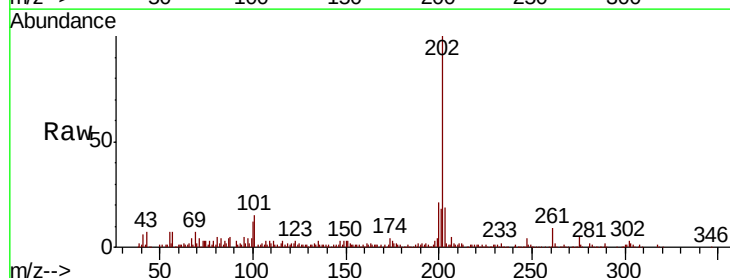
Instrument :
 BNA_M
 ClientSampleId :
 BF5G9

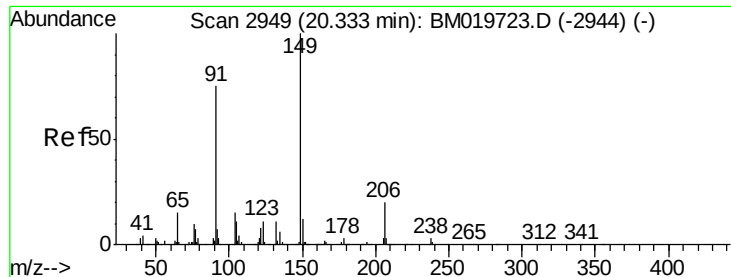
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.1	9.1#
100	9.9	4.6	7.0#



#80
 Pyrene
 Concen: 4.641 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.01 min
 Lab File: BM019730.D
 Acq: 03 Apr 2019 15:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	6.9	10.3#
100	12.4	5.6	8.4#

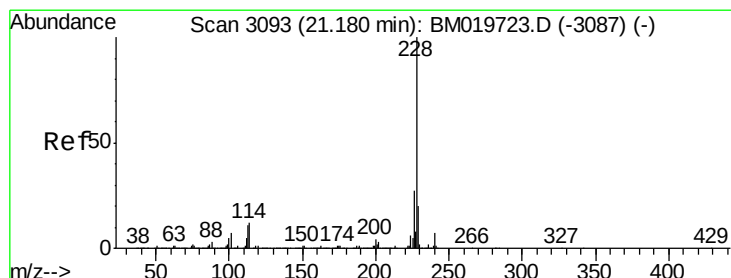
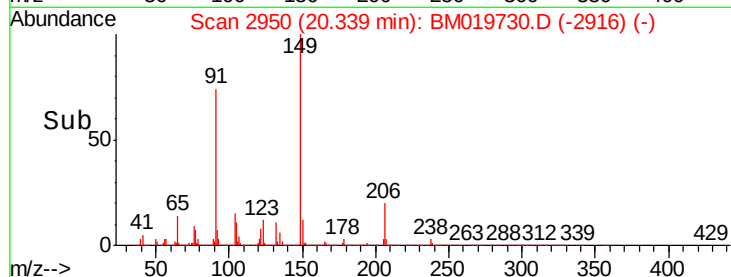
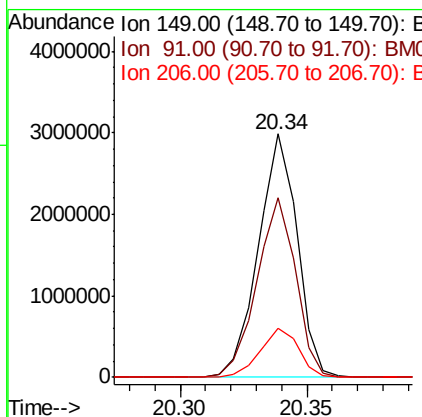
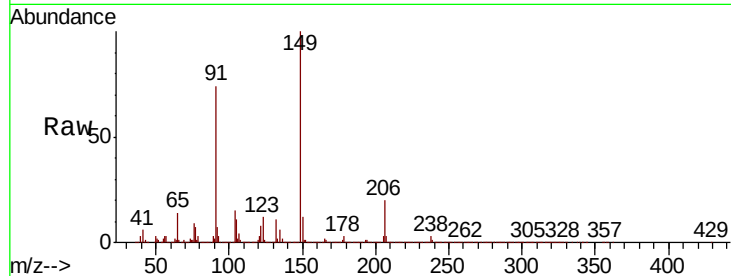




#81
Butylbenzylphthalate
Concen: 190.854 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

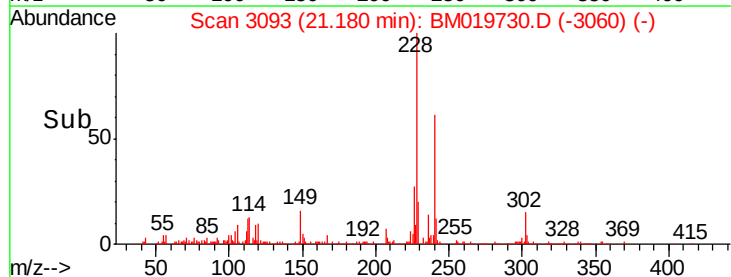
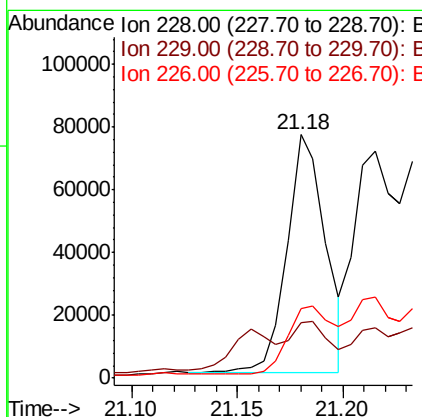
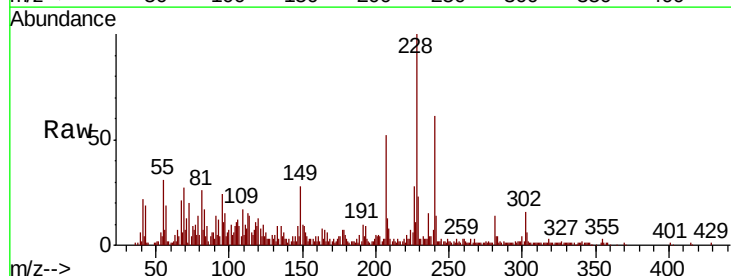
Instrument :
BNA_M
ClientSampleId :
BF5G9

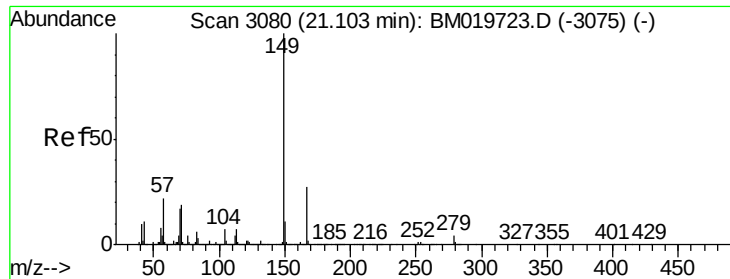
Tgt Ion:149 Resp: 3157291
Ion Ratio Lower Upper
149 100
91 74.0 53.4 80.0
206 20.2 19.3 28.9



#83
Benzo(a)anthracene
Concen: 2.298 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Tgt Ion:228 Resp: 96044
Ion Ratio Lower Upper
228 100
229 22.6 16.0 24.0
226 28.3 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 441.950 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

ClientSampled :

BF5G9

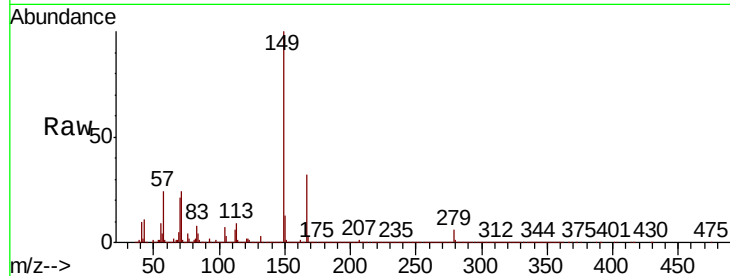
Tgt Ion:149 Resp:10597178

Ion Ratio Lower Upper

149 100

167 31.9 23.0 34.6

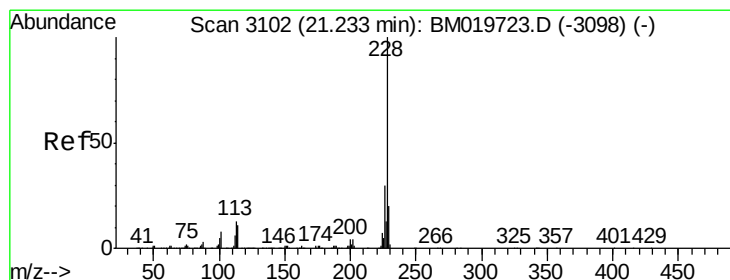
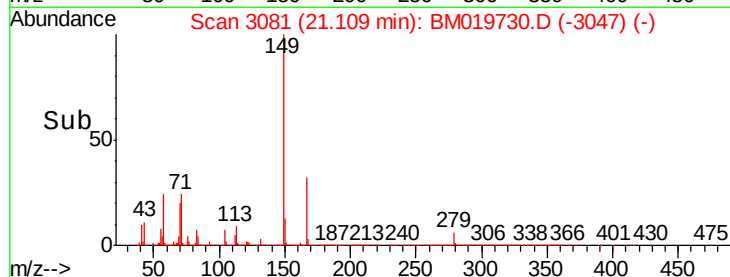
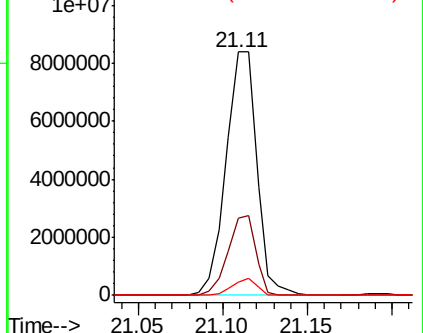
279 5.7 4.3 6.5



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: 1.656 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

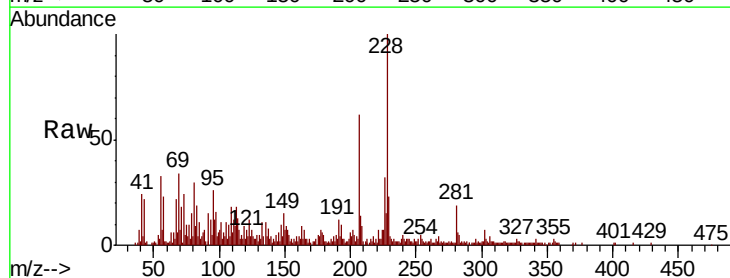
Tgt Ion:228 Resp: 66432

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

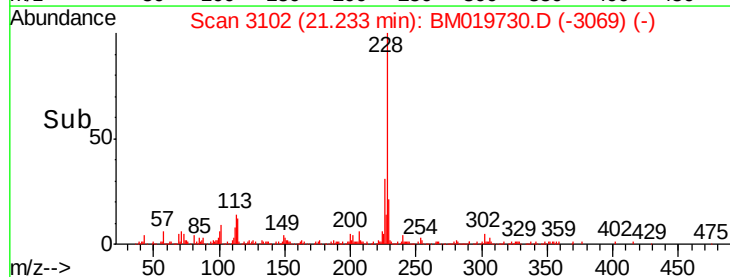
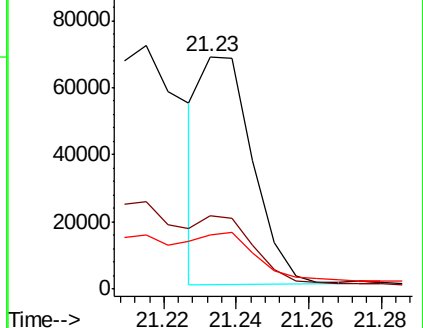
229 23.3 16.0 24.0

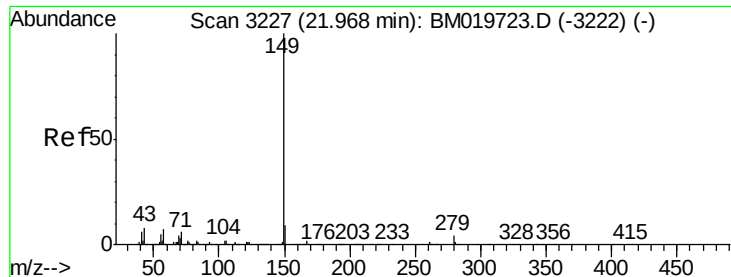


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

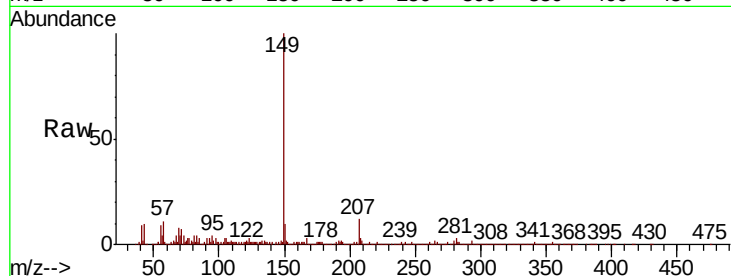




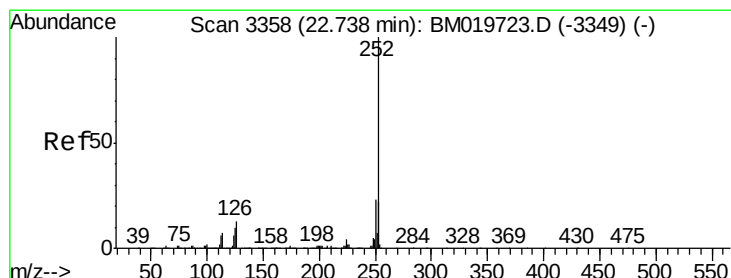
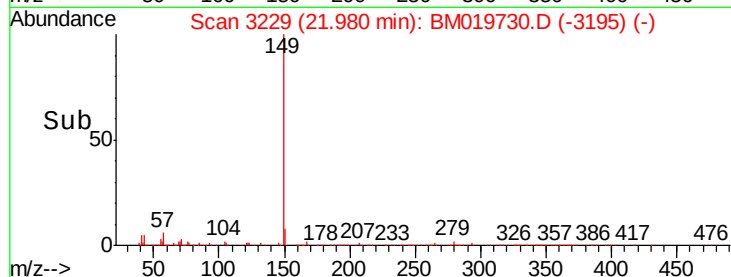
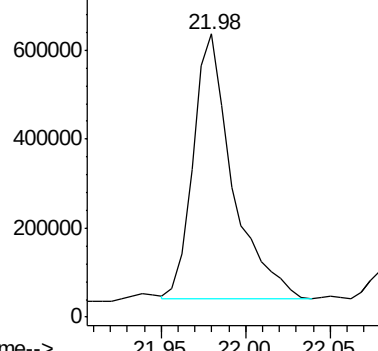
#87
 Di-n-octyl phthalate
 Concen: 21.593 ng/ul
 RT: 21.98 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: BM019730.D
 Acq: 03 Apr 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 BF5G9

Tgt Ion:149 Resp: 961215



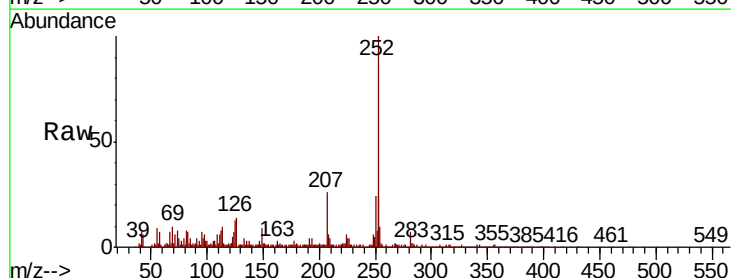
Abundance Ion 149.00 (148.70 to 149.70): E



#88
 Benzo(b)fluoranthene
 Concen: 16.314 ng/ul
 RT: 22.74 min Scan# 3359
 Delta R.T. 0.00 min
 Lab File: BM019730.D
 Acq: 03 Apr 2019 15:05

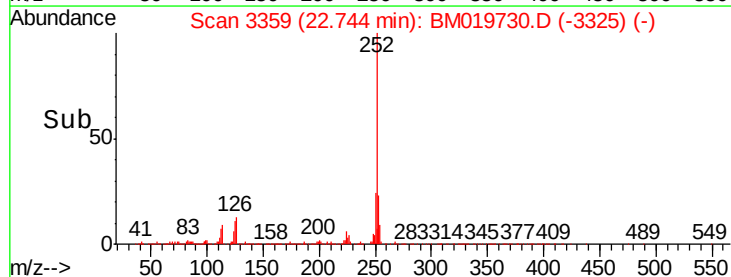
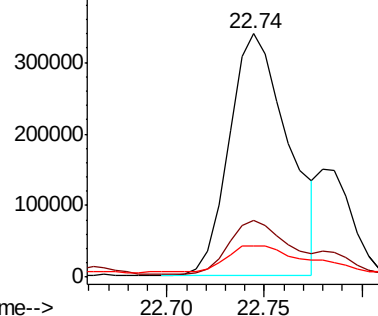
Tgt Ion:252 Resp: 709197

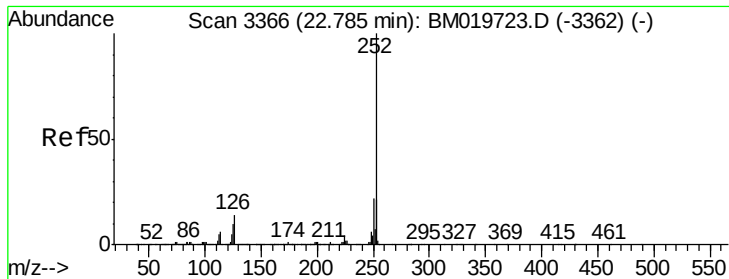
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.9	4.9	7.3



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





#89

Benzo(k)fluoranthene

Concen: 16.988 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

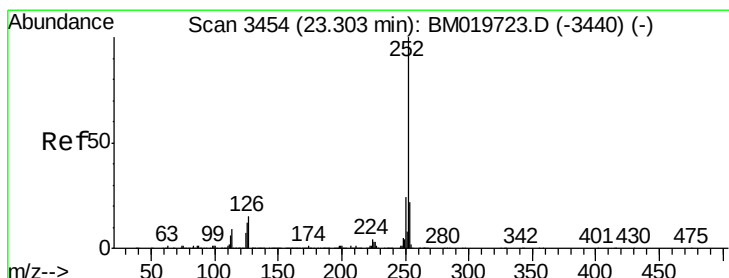
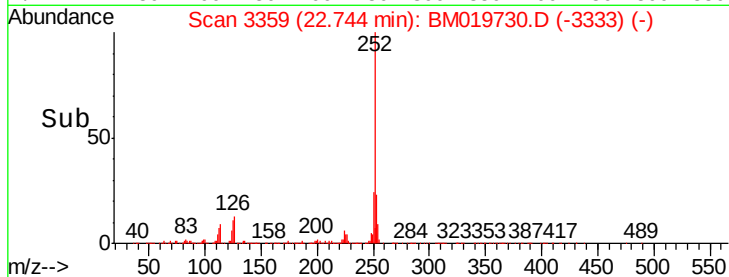
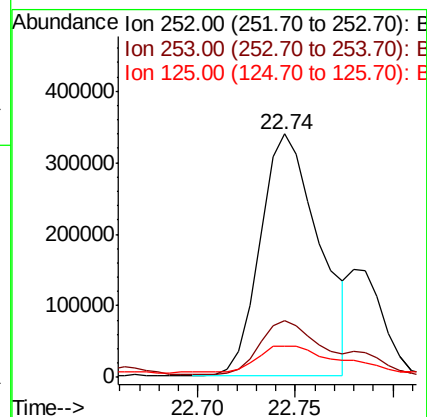
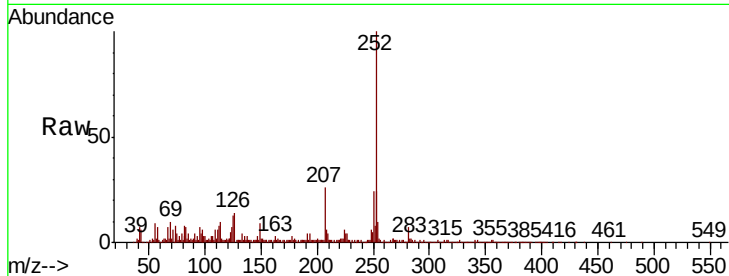
Instrument :

BNA_M

ClientSampleId :

BF5G9

Tgt Ion:	252	Resp:	709197
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	12.9	5.4	8.0#



#91

Benzo(a)pyrene

Concen: 6.292 ng/ul

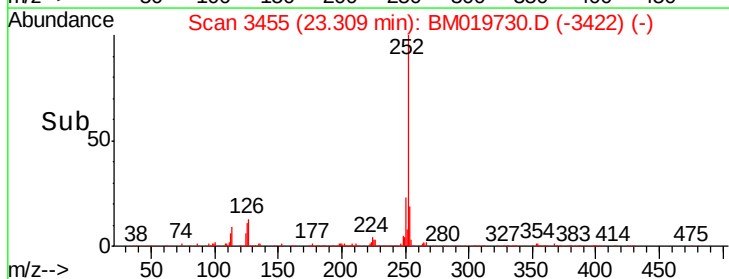
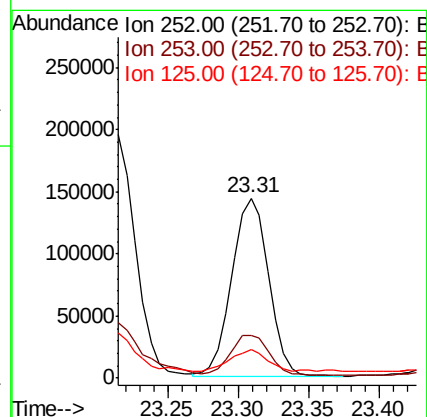
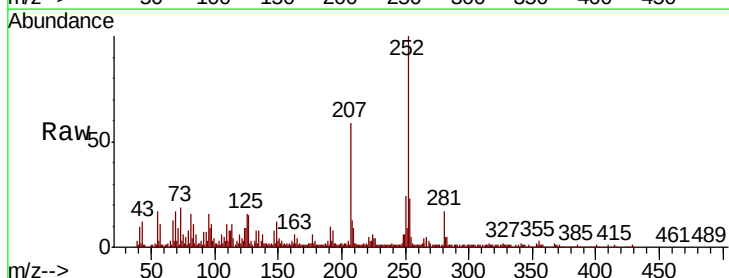
RT: 23.31 min Scan# 3455

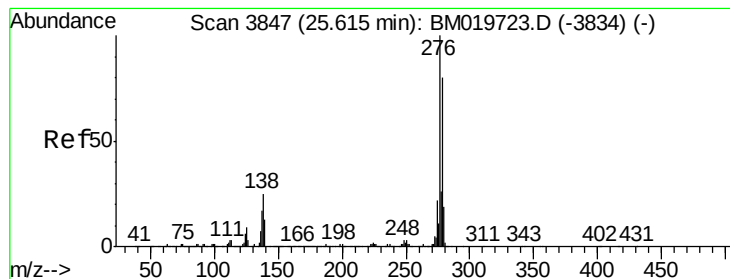
Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Tgt Ion:	252	Resp:	261486
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	16.0	5.8	8.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.539 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

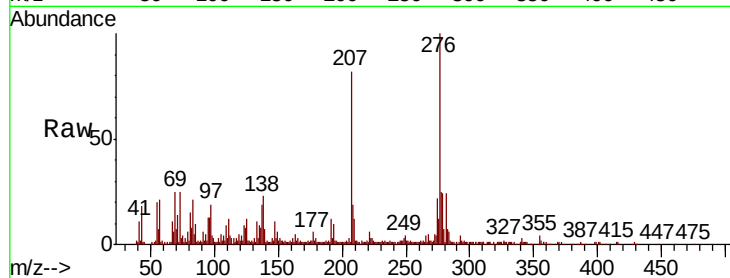
Instrument :

BNA_M

ClientSampleId :

BF5G9

Tgt Ion:	276	Resp:	288269
Ion	Ratio	Lower	Upper
276	100		
138	22.9	10.9	16.3#
277	24.8	18.9	28.3



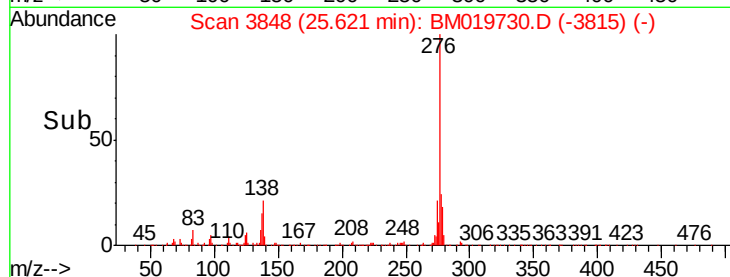
Abundance

Ion 276.00 (275.70 to 276.70): E

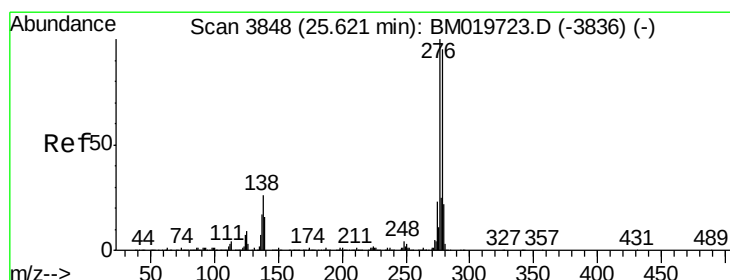
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.62



Time-->



#93

Dibenzo(a,h)anthracene

Concen: 2.002 ng/ul

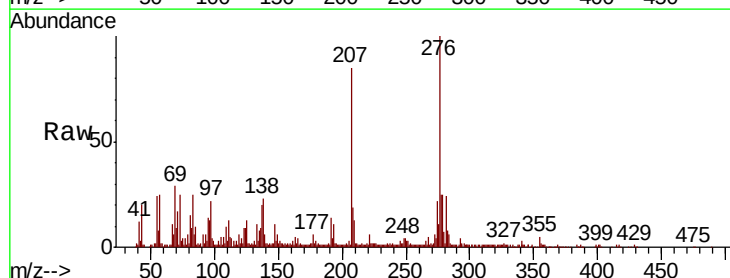
RT: 25.61 min Scan# 3847

Delta R.T. -0.02 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Tgt Ion:	278	Resp:	88817
Ion	Ratio	Lower	Upper
278	100		
139	25.0	9.0	13.4#
279	27.8	19.1	28.7



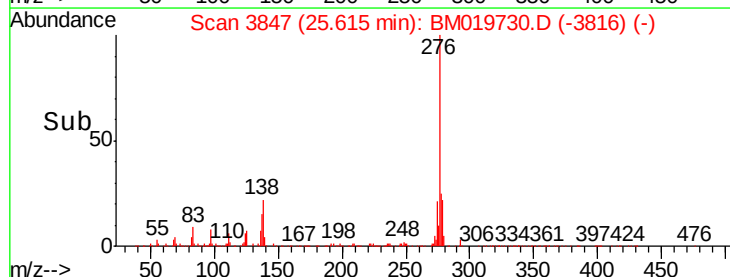
Abundance

Ion 278.00 (277.70 to 278.70): E

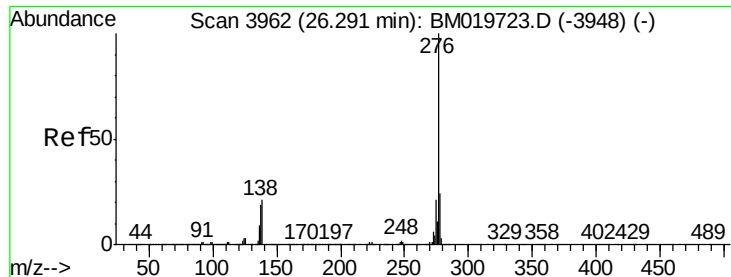
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.61



Time-->



#94

Benzo(g,h,i)perylene

Concen: 5.614 ng/ul

RT: 26.30 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

ClientSampleId :

BF5G9

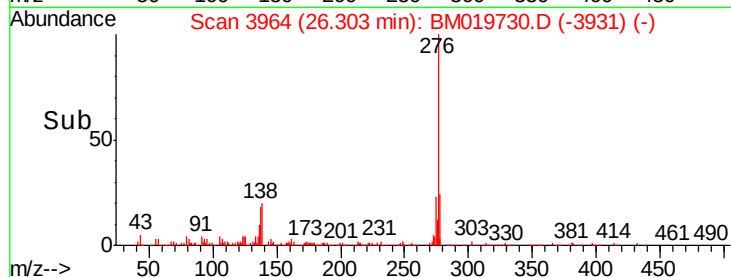
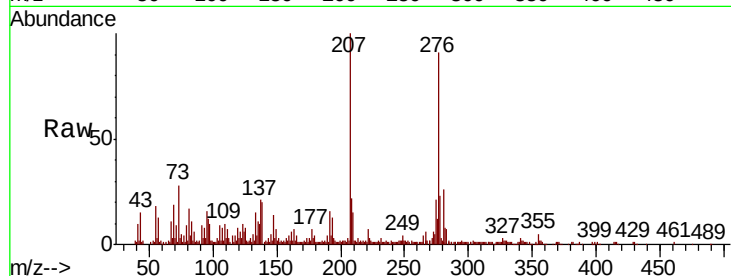
Tgt Ion: 276 Resp: 244139

Ion Ratio Lower Upper

276 100

138 21.6 11.2 16.8#

277 24.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

