

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019880.D
 Acq On : 11 Apr 2019 01:51
 Operator : JU/SJ
 Sample : K2255-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC19

Quant Time: Apr 11 03:24:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 03:09:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	134532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	561275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	305511	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	614627	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	588141	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	700685	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	22173	6.45	ng/uL	0.00
5) Phenol-d5	6.75	99	155886	13.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	105662	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	131286	14.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	119607	13.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	60458	15.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	66526	14.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	107925	12.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.51	131	93537	9.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.63	166	374528	15.19	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	446998	14.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	29852	7.73	ng/ul	0.04
58) Fluorene-d10	15.22	176	310055	14.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	23554	5.80	ng/ul	0.00
71) Anthracene-d10	17.07	188	434231	14.72	ng/ul	0.00
79) Pyrene-d10	19.39	212	401338	14.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	468348	12.61	ng/ul	0.00

Target Compounds

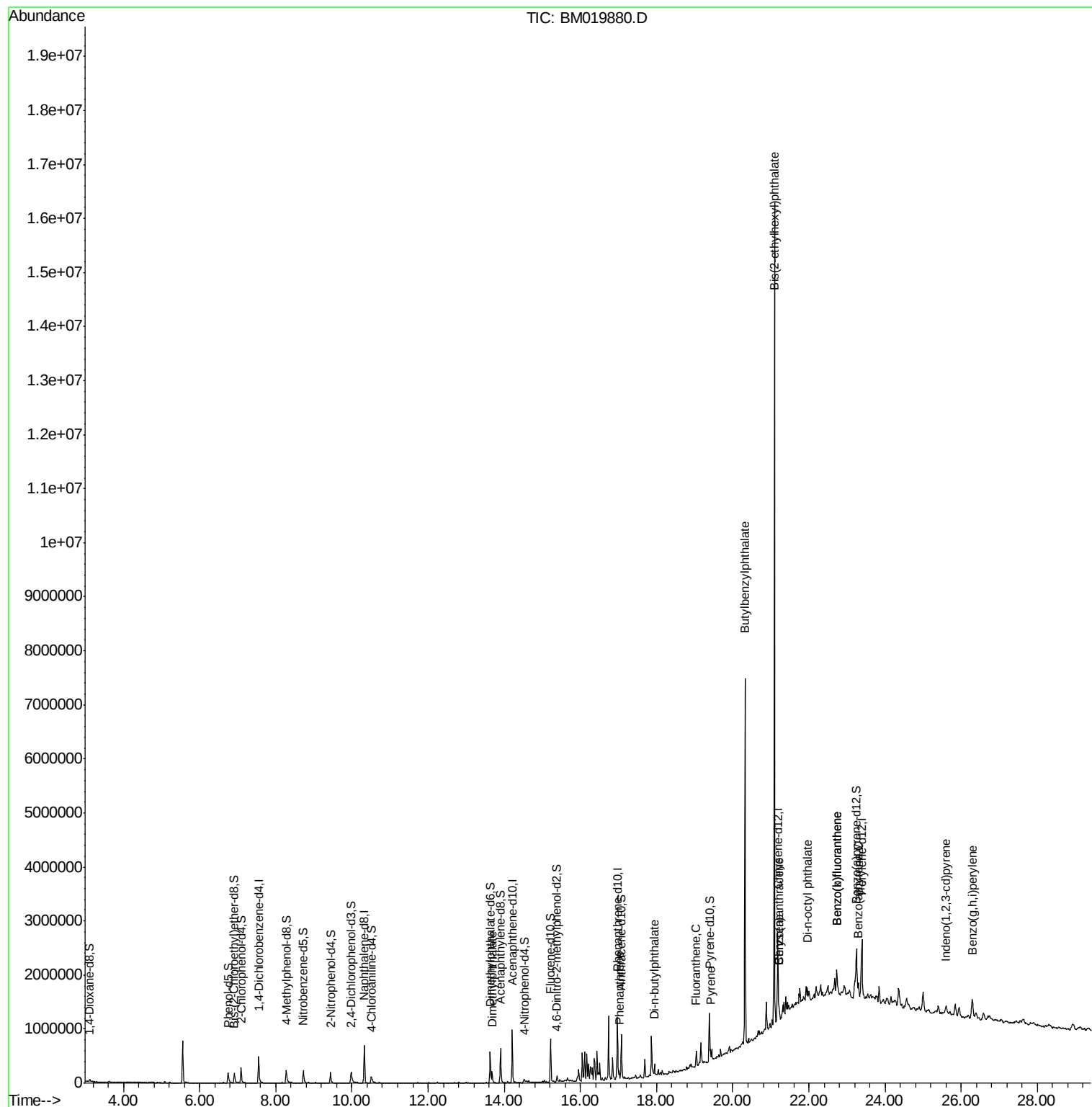
						Qvalue
45) Dimethylphthalate	13.68	163	134672	5.445	ng/ul#	98
70) Phenanthrene	17.02	178	87987	2.525	ng/ul	99
76) Di-n-butylphthalate	17.94	149	144393	4.086	ng/ul	98
77) Fluoranthene	19.04	202	126717	3.173	ng/ul#	86
80) Pyrene	19.42	202	126509	3.575	ng/ul#	86
81) Butylbenzylphthalate	20.32	149	1829424	130.582	ng/ul	90
83) Benzo(a)anthracene	21.23	228	101255	2.860	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	5112694	251.775	ng/ul	99
85) Chrysene	21.23	228	102744	3.025	ng/ul	97
87) Di-n-octyl phthalate	21.96	149	146431	3.350	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	237722	5.570	ng/ul#	87
89) Benzo(k)fluoranthene	22.73	252	237722	5.800	ng/ul#	87
91) Benzo(a)pyrene	23.29	252	126657	3.104	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	25.60	276	134353	2.630	ng/ul#	86
94) Benzo(g,h,i)perylene	26.29	276	353277	8.274	ng/ul#	91

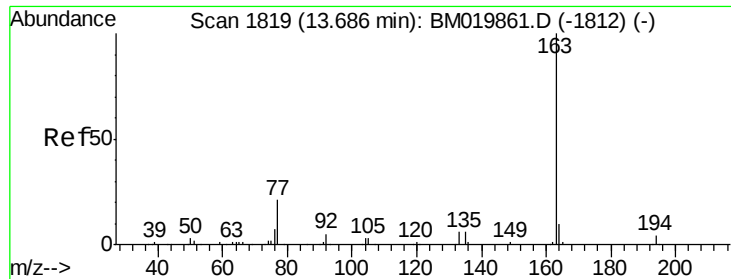
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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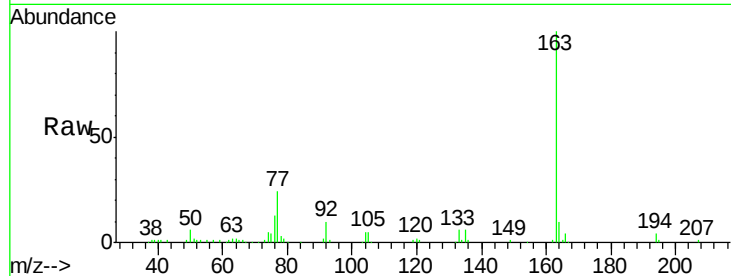




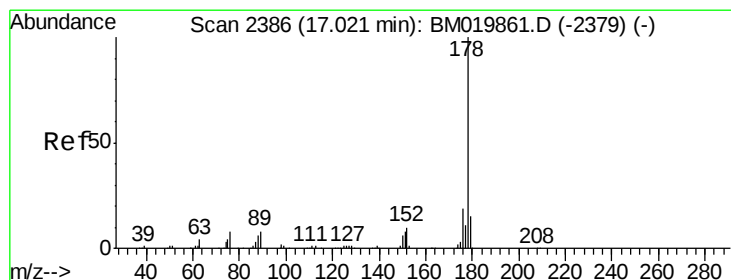
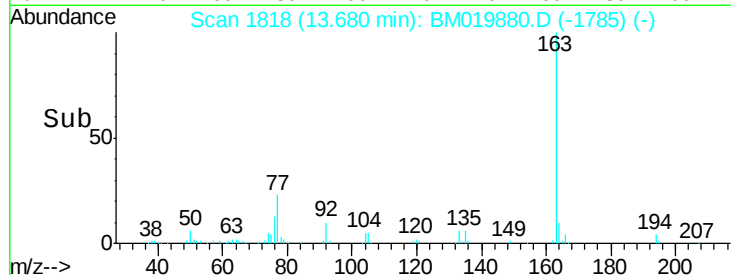
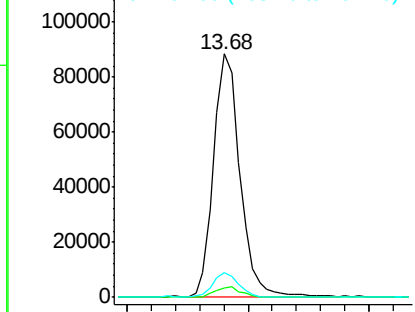
#45
 Dimethylphthalate
 Concen: 5.445 ng/ul
 RT: 13.68 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BM019880.D
 Acq: 11 Apr 2019 01:51

Instrument :
 BNA_M
 ClientSampleId :
 BFC19

Tgt Ion:163 Resp: 134672
 Ion Ratio Lower Upper
 163 100
 194 3.8 4.0 6.0#
 164 10.2 8.4 12.6

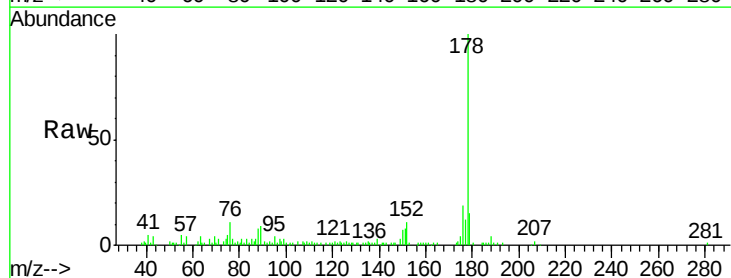


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

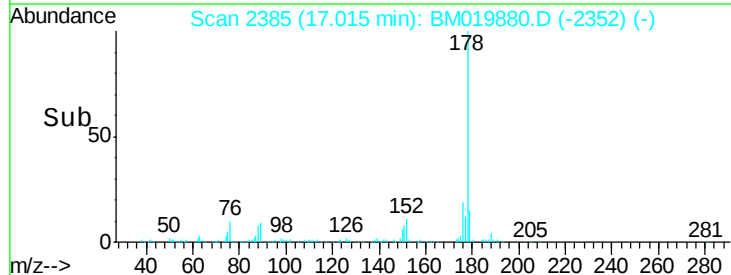
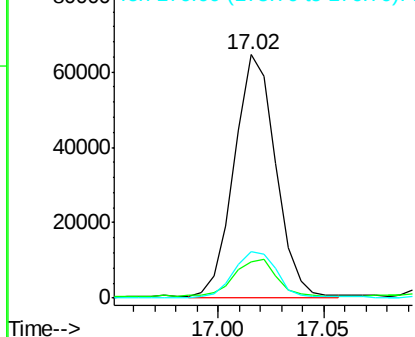


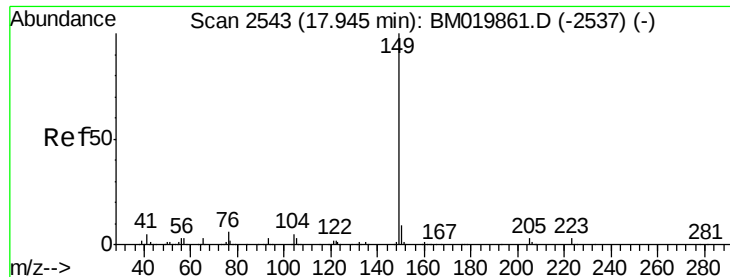
#70
 Phenanthrene
 Concen: 2.525 ng/ul
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.01 min
 Lab File: BM019880.D
 Acq: 11 Apr 2019 01:51

Tgt Ion:178 Resp: 87987
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.3 18.5
 176 19.0 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

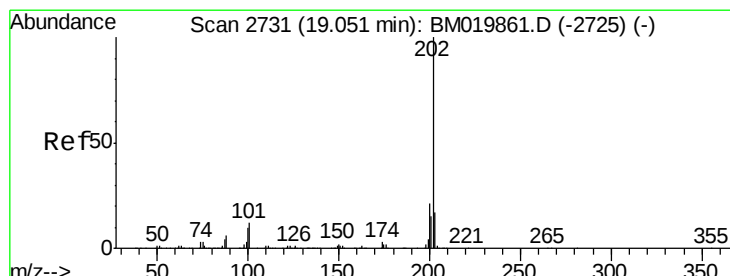
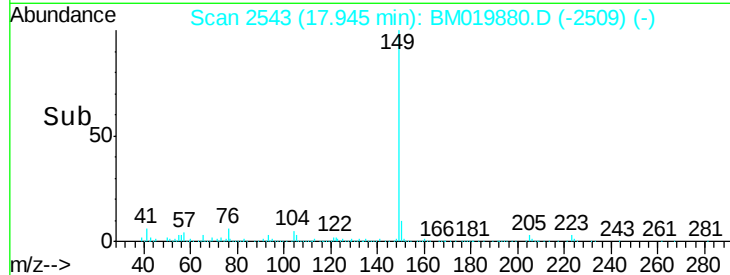
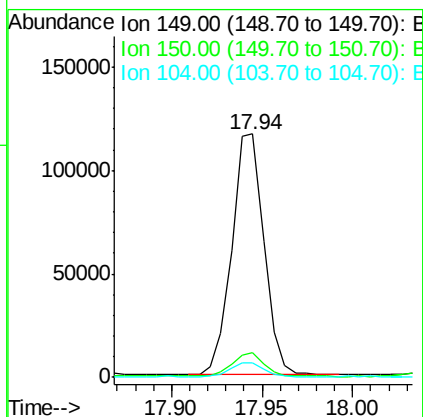
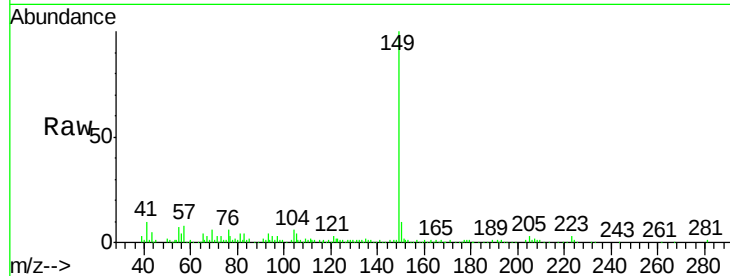




#76
Di-n-butylphthalate
Concen: 4.086 ng/ul
RT: 17.94 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BM019880.D
Acq: 11 Apr 2019 01:51

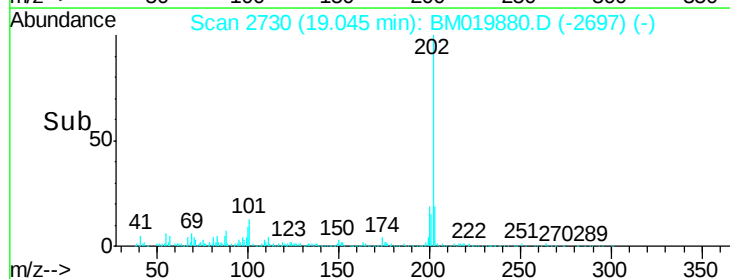
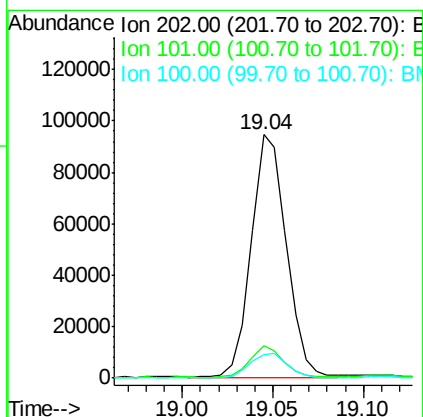
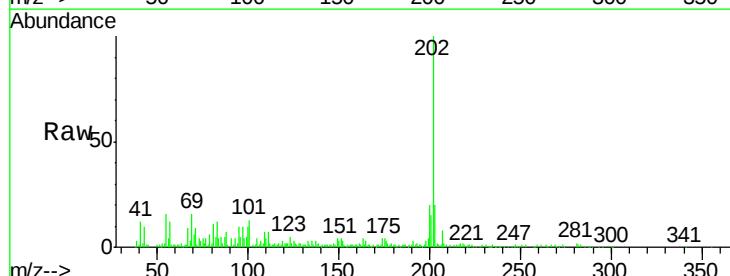
Instrument :
BNA_M
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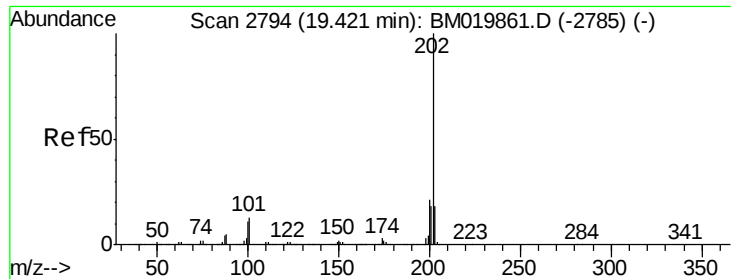
Tgt Ion:149 Resp: 144393
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 5.8 4.1 6.1



#77
Fluoranthene
Concen: 3.173 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM019880.D
Acq: 11 Apr 2019 01:51

Tgt Ion:202 Resp: 126717
Ion Ratio Lower Upper
202 100
101 13.4 6.1 9.1#
100 9.7 4.6 7.0#

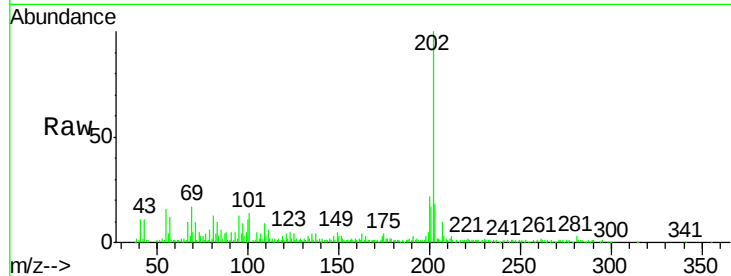




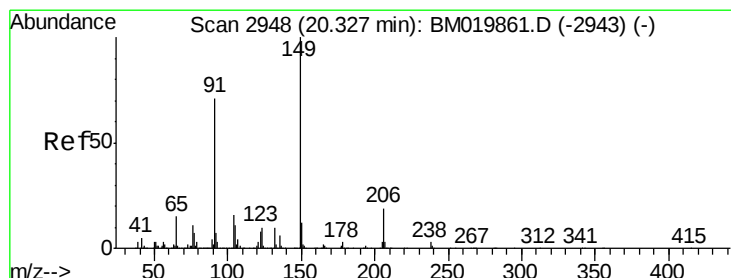
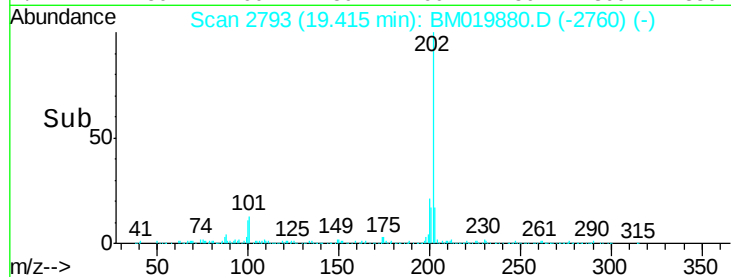
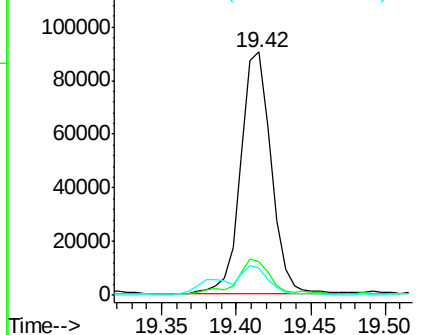
#80
Pyrene
Concen: 3.575 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019880.D
Acq: 11 Apr 2019 01:51

Instrument :
BNA_M
ClientSampleId :
BFC19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	6.9	10.3#
100	11.2	5.6	8.4#

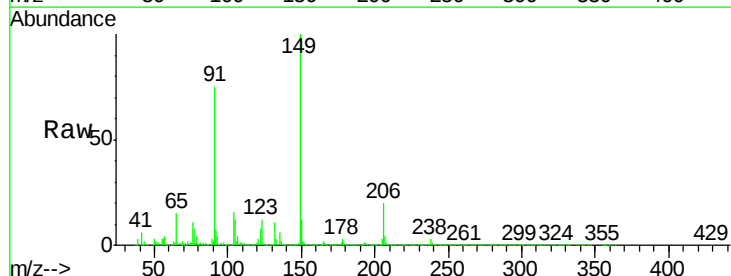


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

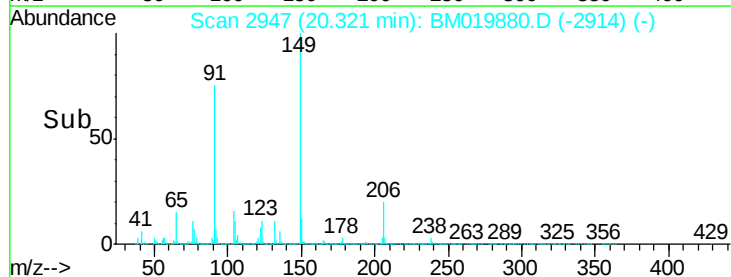
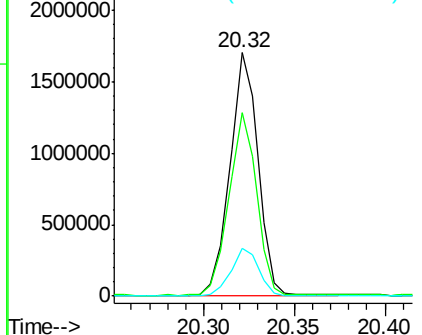


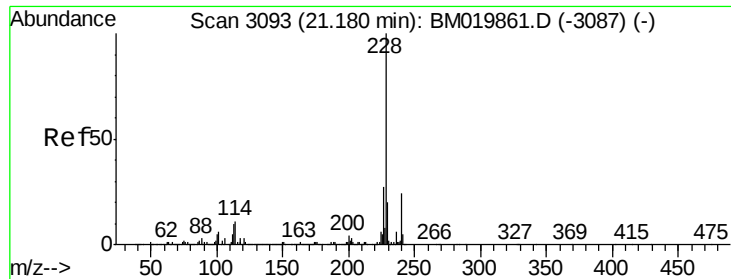
#81
Butylbenzylphthalate
Concen: 130.582 ng/ul
RT: 20.32 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM019880.D
Acq: 11 Apr 2019 01:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	53.4	80.0
206	19.6	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





#83

Benzo(a)anthracene

Concen: 2.860 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.05 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

Instrument :

BNA_M

ClientSampleId :

BFC19

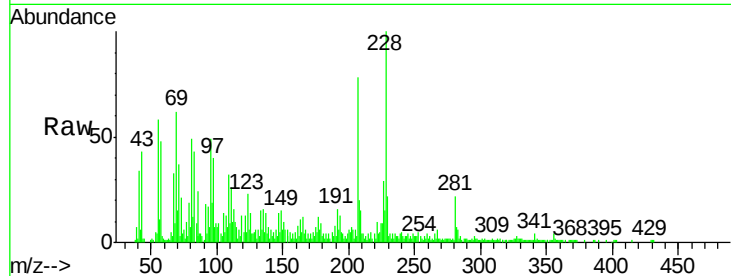
Tgt Ion:228 Resp: 101255

Ion Ratio Lower Upper

228 100

229 21.7 16.0 24.0

226 28.7 21.8 32.8

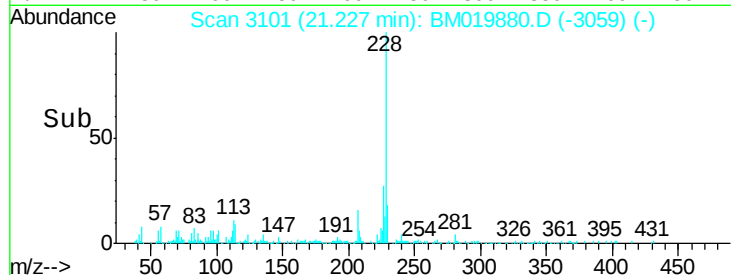


Abundance Ion 228.00 (227.70 to 228.70): E

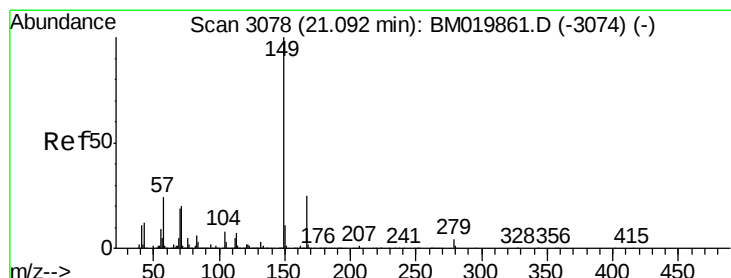
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 251.775 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

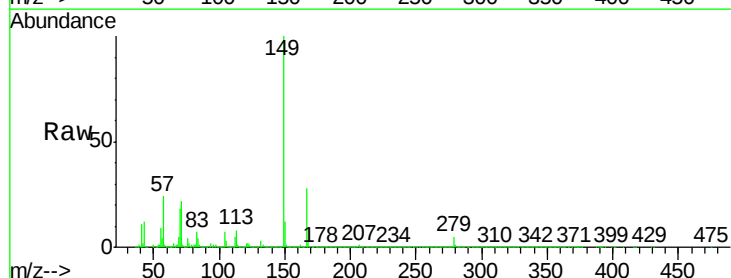
Tgt Ion:149 Resp: 5112694

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

279 4.9 4.3 6.5

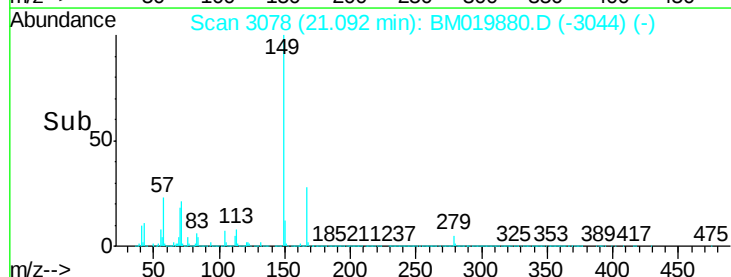


Abundance Ion 149.00 (148.70 to 149.70): E

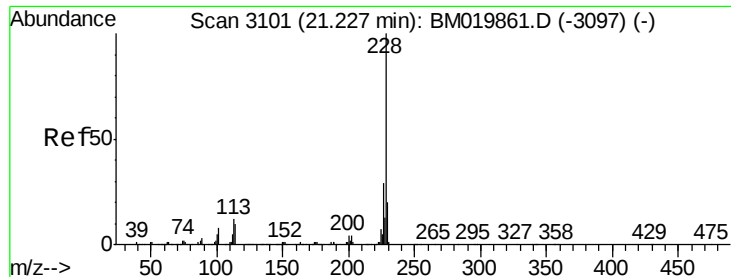
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#85

Chrysene

Concen: 3.025 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

Instrument :

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ClientSampleId :

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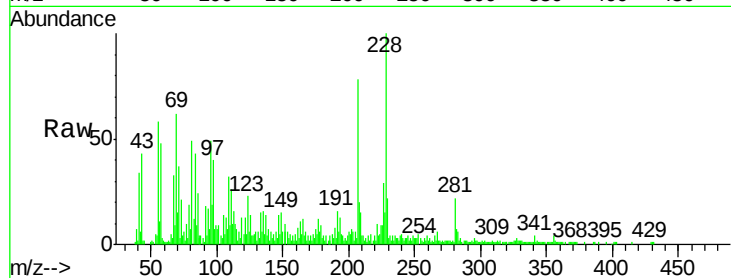
Tgt Ion:228 Resp: 102744

Ion Ratio Lower Upper

228 100

226 28.7 24.1 36.1

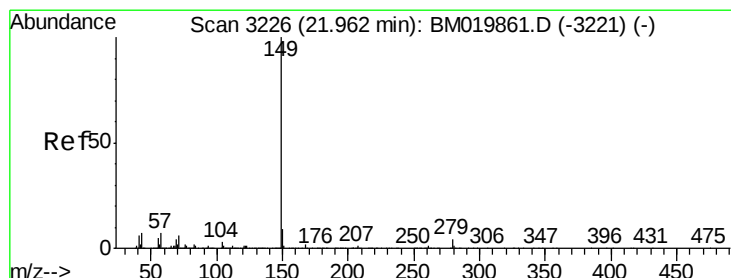
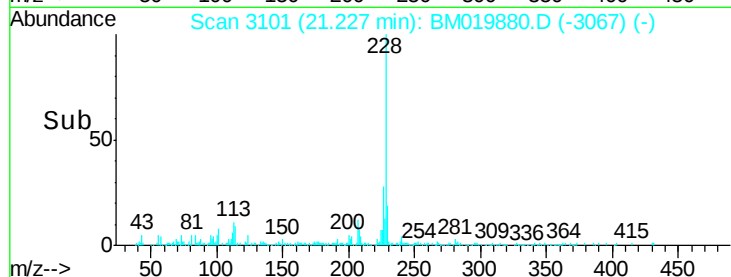
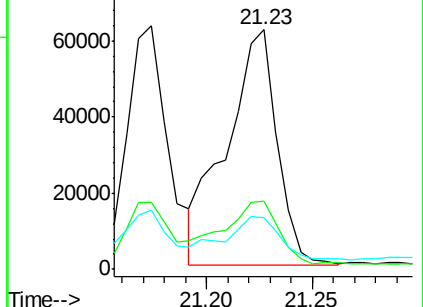
229 21.7 16.0 24.0



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: 3.350 ng/ul

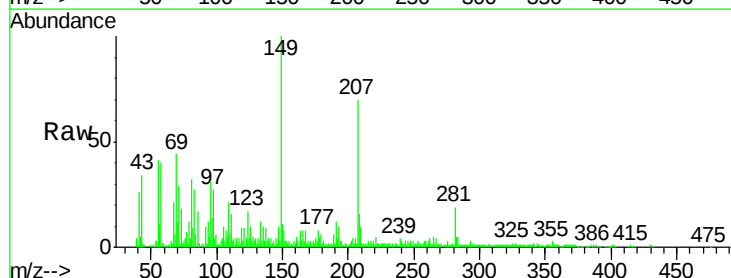
RT: 21.96 min Scan# 3226

Delta R.T. -0.00 min

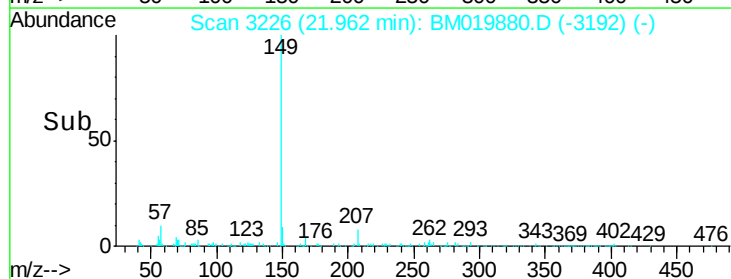
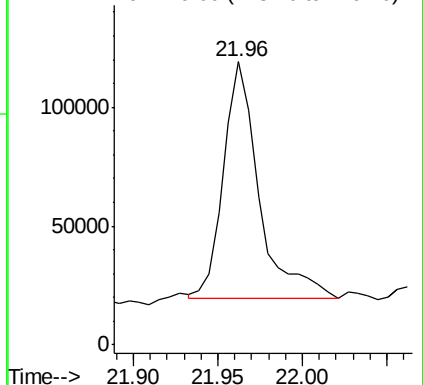
Lab File: BM019880.D

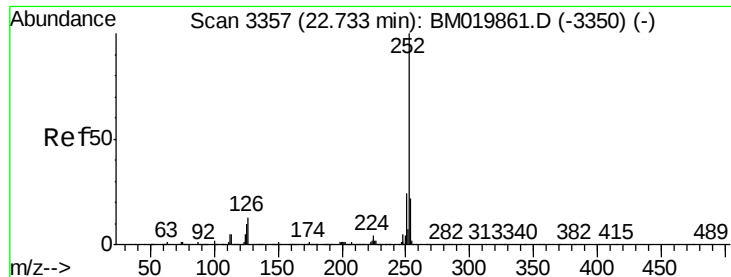
Acq: 11 Apr 2019 01:51

Tgt Ion:149 Resp: 146431



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 5.570 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM019880.D

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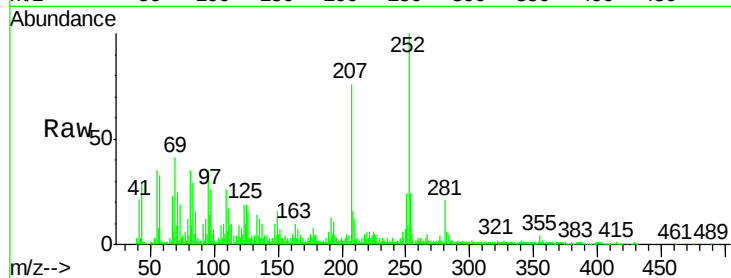
Tgt Ion:252 Resp: 237722

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

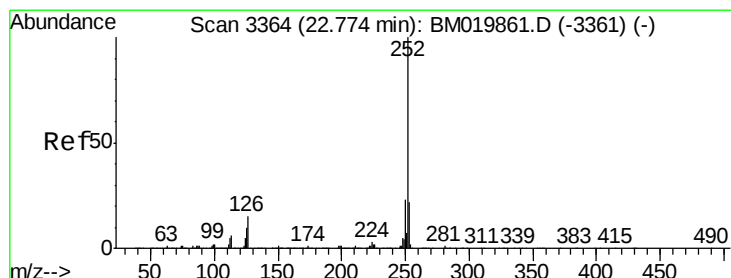
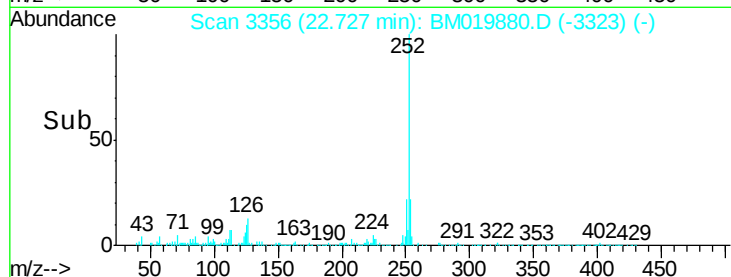
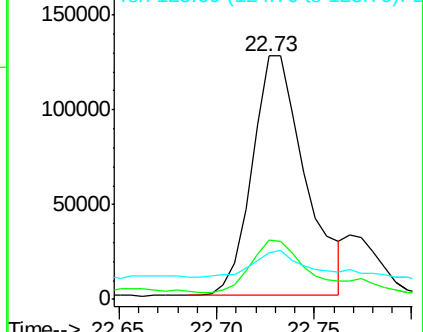
125 19.0 4.9 7.3#



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: 5.800 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

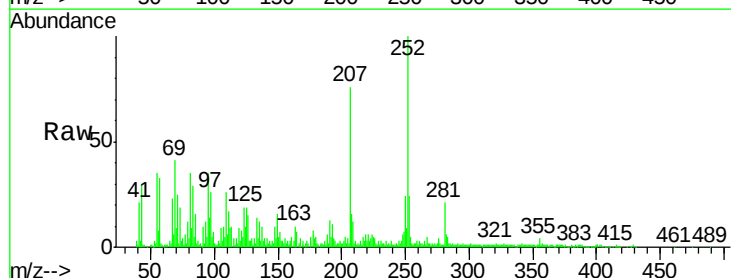
Tgt Ion:252 Resp: 237722

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

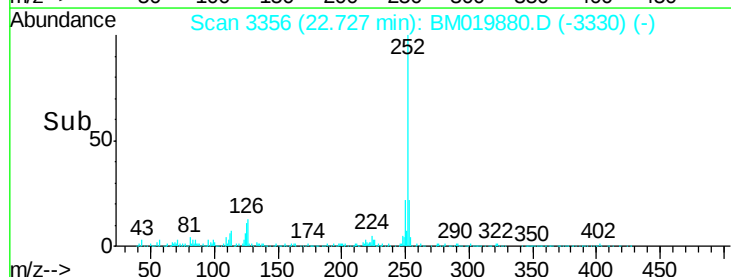
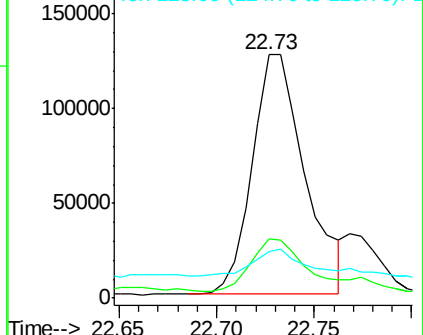
125 19.0 5.4 8.0#

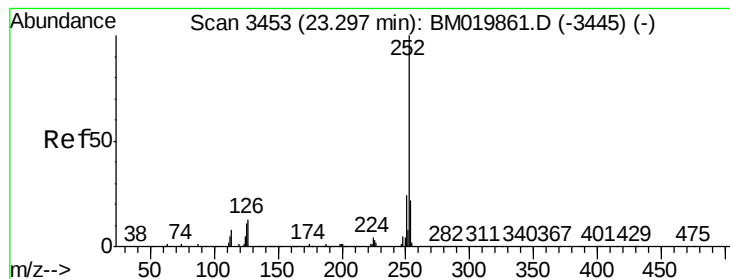


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.104 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM019880.D

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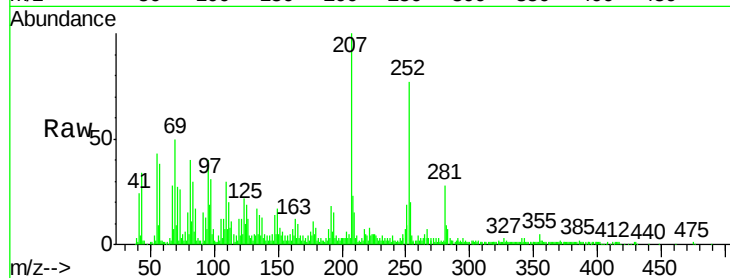
Tgt Ion:252 Resp: 126657

Ion Ratio Lower Upper

252 100

253 25.9 17.2 25.8#

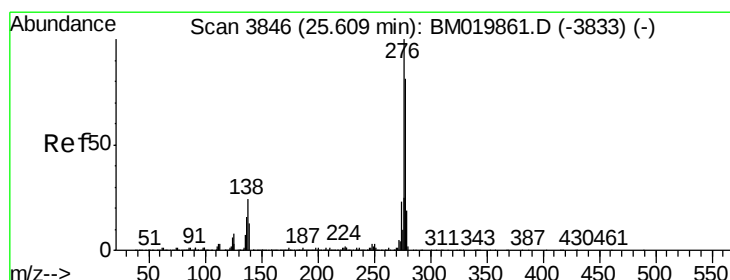
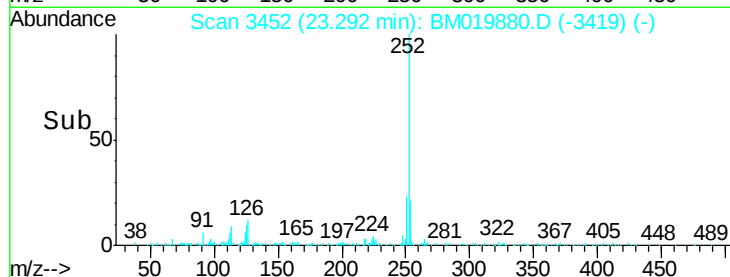
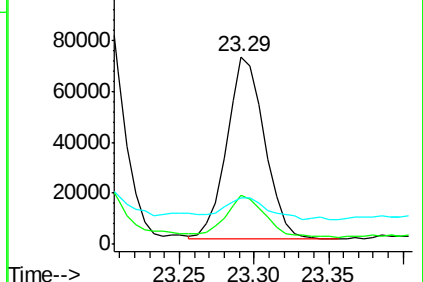
125 24.9 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.630 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

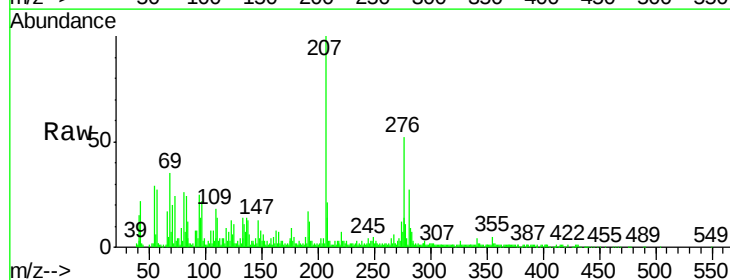
Tgt Ion:276 Resp: 134353

Ion Ratio Lower Upper

276 100

138 24.3 10.9 16.3#

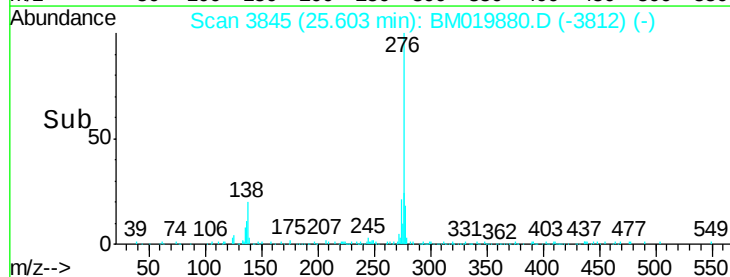
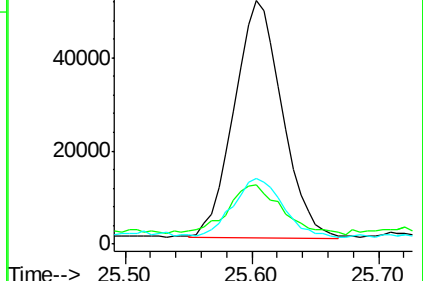
277 26.9 18.9 28.3

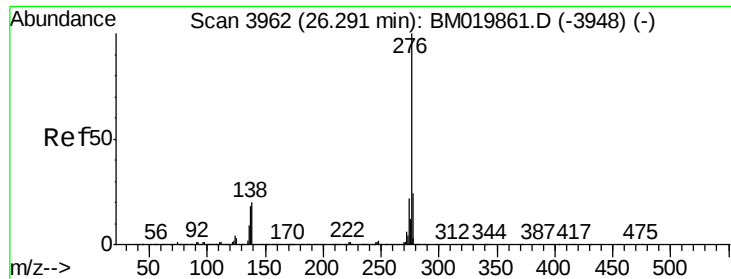


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 8.274 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. -0.01 min

Lab File: BM019880.D

Acq: 11 Apr 2019 01:51

Instrument :

BNA_M

ClientSampleId :

BFC19

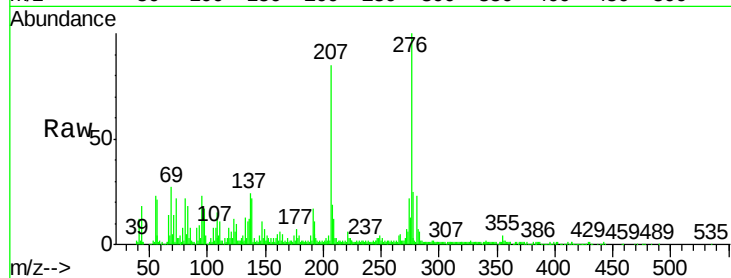
Tgt Ion: 276 Resp: 353277

Ion Ratio Lower Upper

276 100

138 22.2 11.2 16.8#

277 25.4 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

