

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019877.D
 Acq On : 11 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2255-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC20DL

Quant Time: Apr 11 03:24:34 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	125615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	505828	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	254606	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	491133	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	508850	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	615076	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1245	0.39	ng/uL	0.02
5) Phenol-d5	6.79	99	22563	2.02	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.92	67	17961	2.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	21874	2.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	7240	0.86	ng/ul	0.03
19) Nitrobenzene-d5	8.75	128	7080	1.96	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	4977	1.24	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.05	165	12558	1.66	ng/ul	0.08
29) 4-Chloroaniline-d4	10.56	131	11337	1.25	ng/ul	0.06
44) Dimethylphthalate-d6	13.65	166	61153	2.98	ng/ul	0.01
47) Acenaphthylene-d8	13.91	160	71430	2.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	139	0.04	ng/ul	0.16
58) Fluorene-d10	15.23	176	52725	2.98	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	349	0.11	ng/ul	0.03
71) Anthracene-d10	17.08	188	72372	3.07	ng/ul	0.00
79) Pyrene-d10	19.39	212	73390	3.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	88318	2.71	ng/ul	0.00

Target Compounds

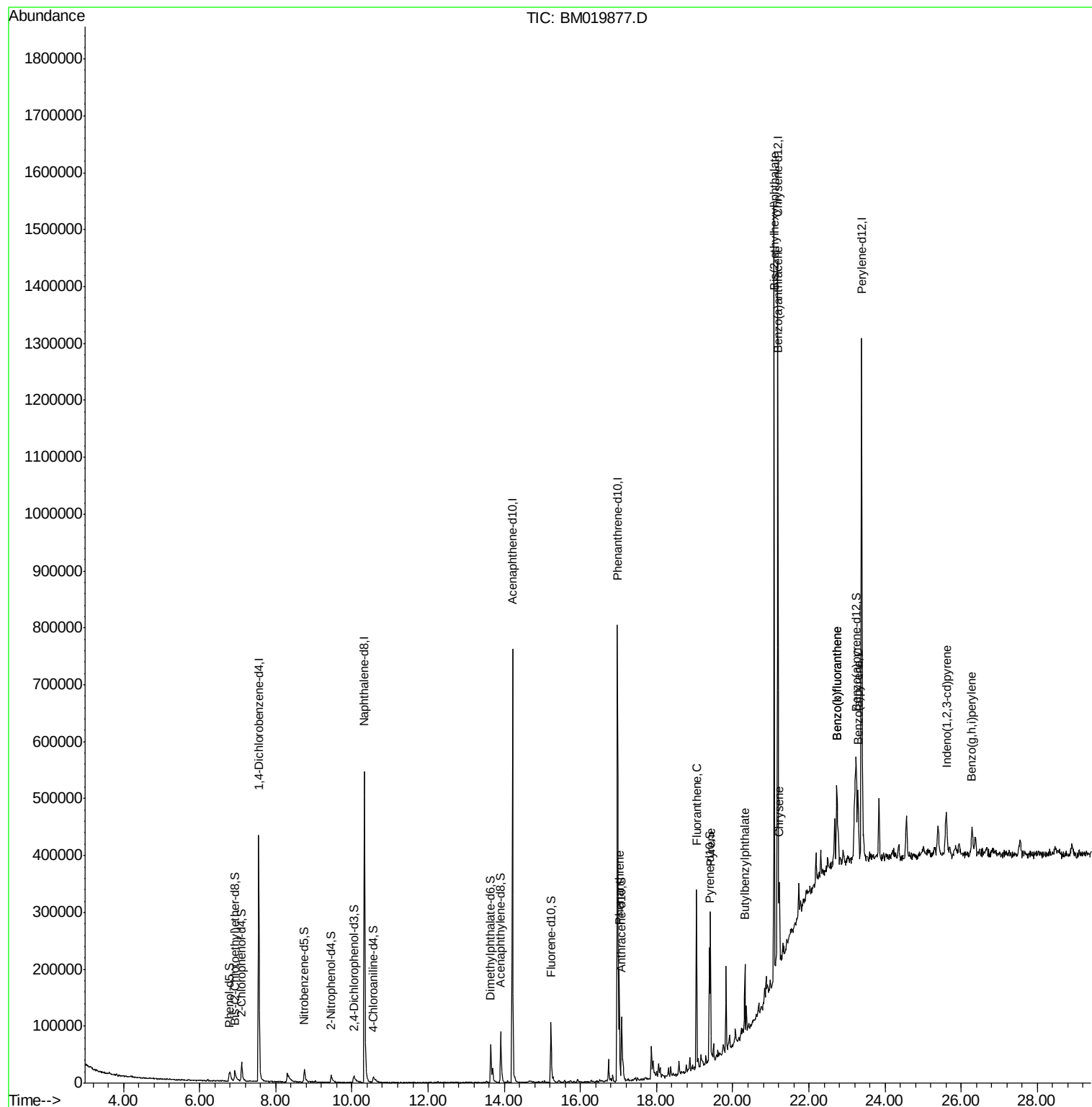
					Qvalue	
70) Phenanthrene	17.02	178	113115	4.062	ng/ul	99
77) Fluoranthene	19.05	202	177243	5.555	ng/ul#	88
80) Pyrene	19.42	202	149110	4.871	ng/ul#	85
81) Butylbenzylphthalate	20.32	149	28836	2.379	ng/ul#	88
83) Benzo(a)anthracene	21.17	228	82879	2.706	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	439460	25.014	ng/ul#	96
85) Chrysene	21.23	228	75920	2.583	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	107372	2.866	ng/ul#	95
89) Benzo(k)fluoranthene	22.73	252	107372	2.984	ng/ul#	94
91) Benzo(a)pyrene	23.29	252	72513	2.025	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.61	276	63217	1.409	ng/ul#	91
94) Benzo(g,h,i)perylene	26.29	276	51646	1.378	ng/ul#	90

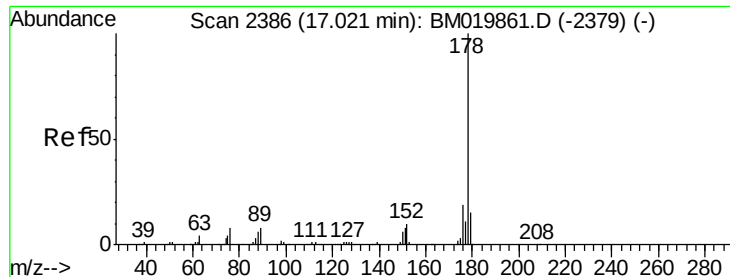
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.062 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

ClientSampleId :

BFC20DL

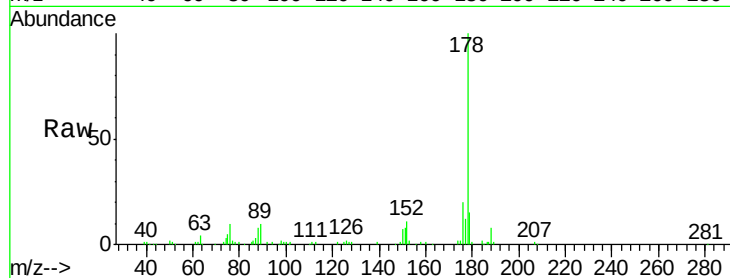
Tgt Ion:178 Resp: 113115

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

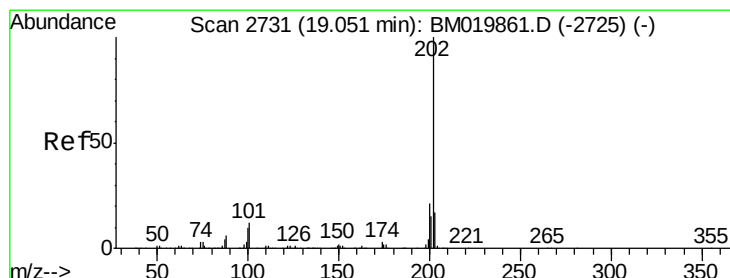
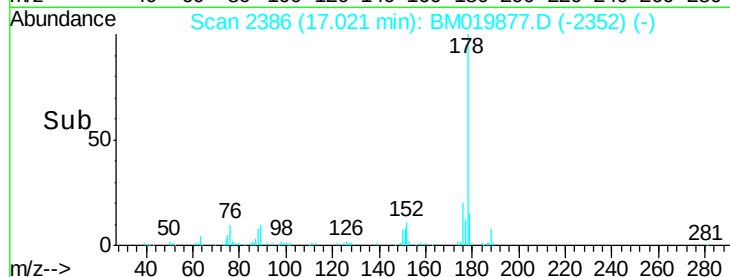
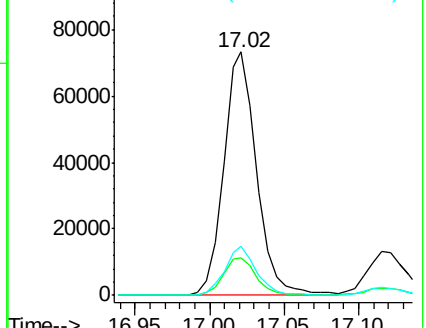
176 20.1 15.4 23.0



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



#77

Fluoranthene

Concen: 5.555 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

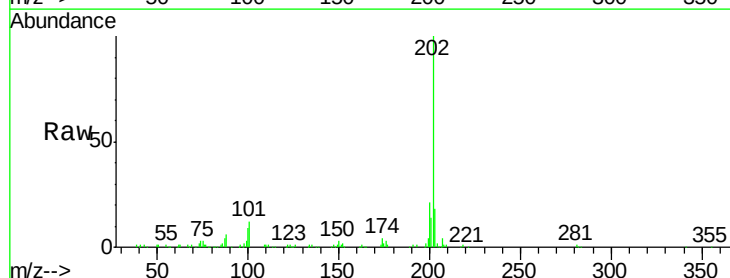
Tgt Ion:202 Resp: 177243

Ion Ratio Lower Upper

202 100

101 12.2 6.1 9.1#

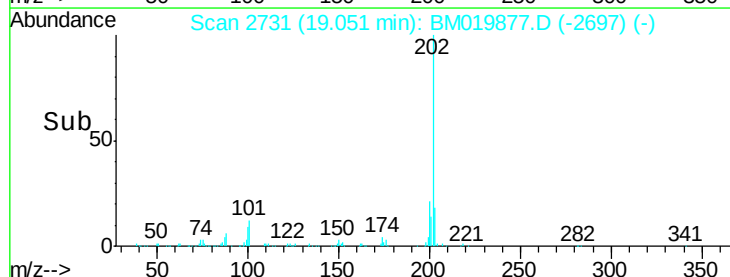
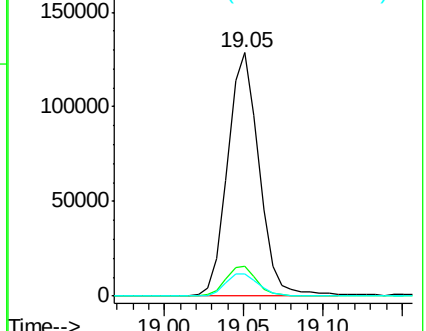
100 9.2 4.6 7.0#

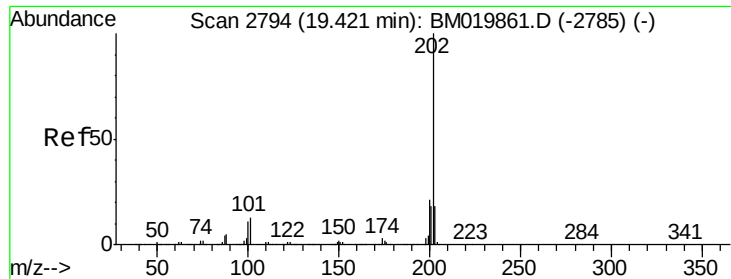


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

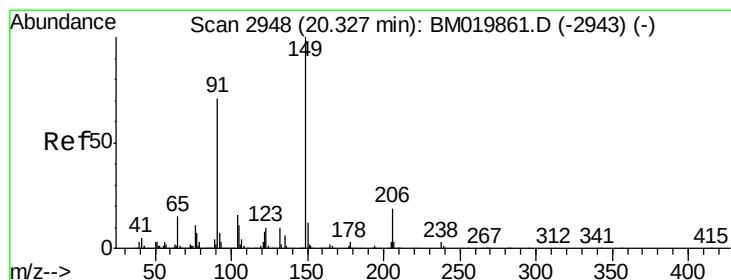
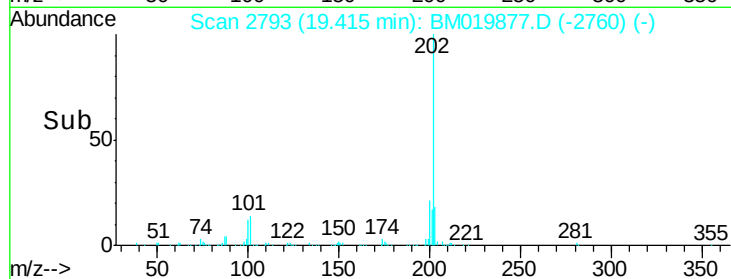
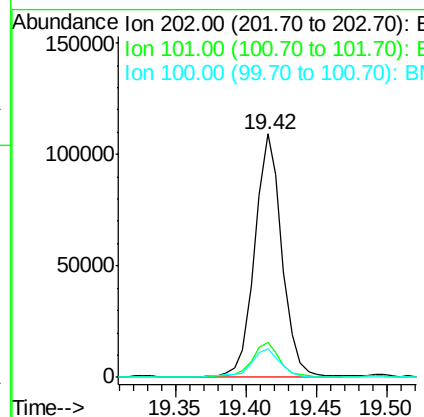
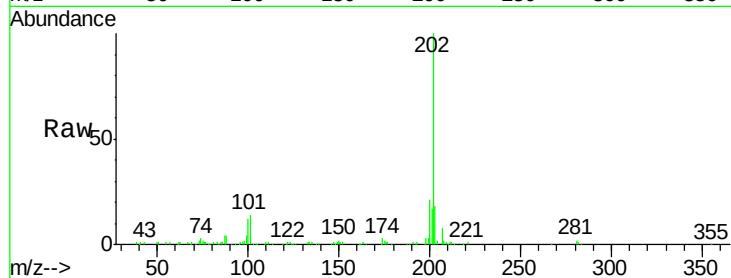




#80
 Pyrene
 Concen: 4.871 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM019877.D
 Acq: 11 Apr 2019 00:00

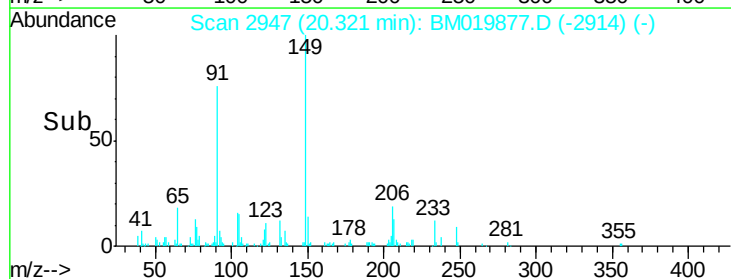
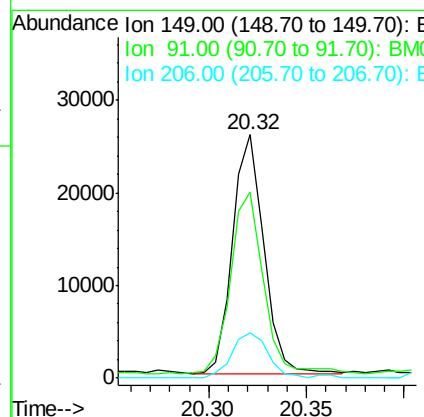
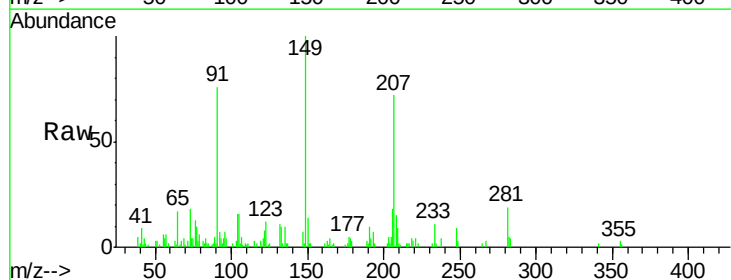
Instrument :
 BNA_M
 ClientSampled :
 BFC20DL

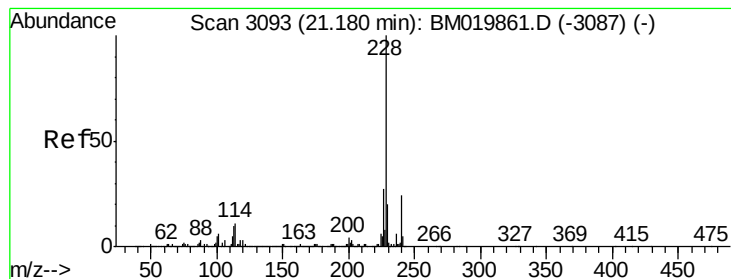
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	149110		
101	14.2	6.9	10.3#	
100	11.5	5.6	8.4#	



#81
 Butylbenzylphthalate
 Concen: 2.379 ng/ul
 RT: 20.32 min Scan# 2947
 Delta R.T. -0.01 min
 Lab File: BM019877.D
 Acq: 11 Apr 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	28836		
91	76.2	53.4	80.0	
206	18.3	19.3	28.9#	





#83

Benzo(a)anthracene

Concen: 2.706 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

ClientSampleId :

BFC20DL

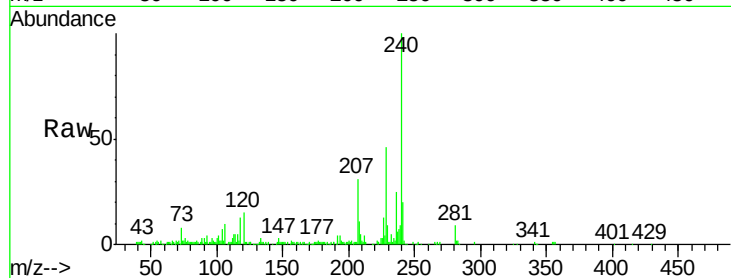
Tgt Ion:228 Resp: 82879

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

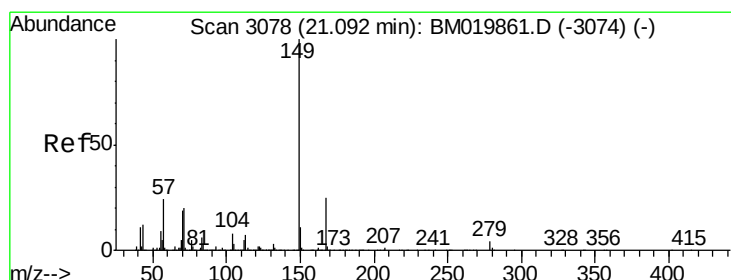
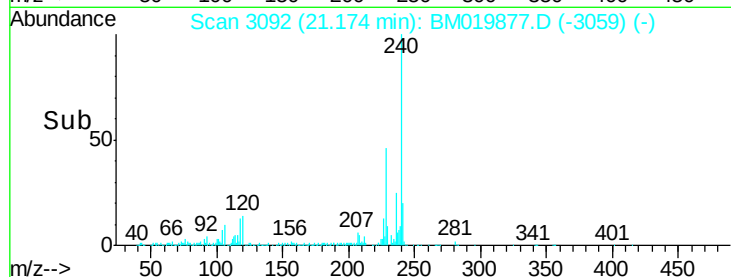
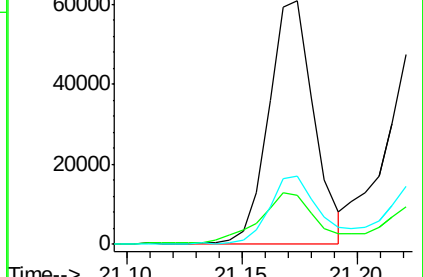
226 28.0 21.8 32.8



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: 25.014 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

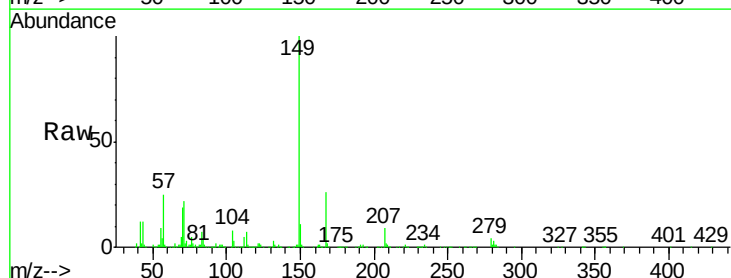
Tgt Ion:149 Resp: 439460

Ion Ratio Lower Upper

149 100

167 26.4 23.0 34.6

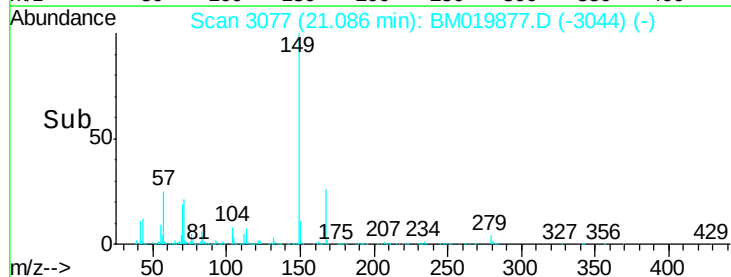
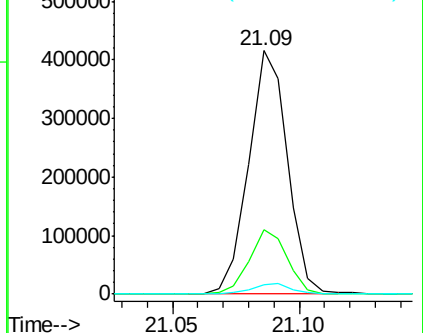
279 4.0 4.3 6.5#

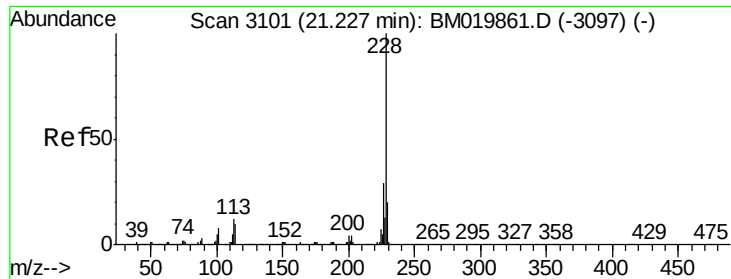


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.583 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

ClientSampleId :

BFC20DL

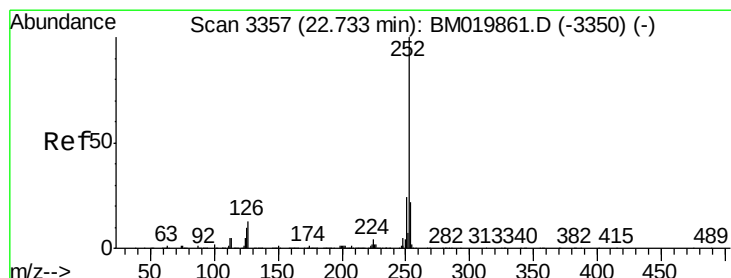
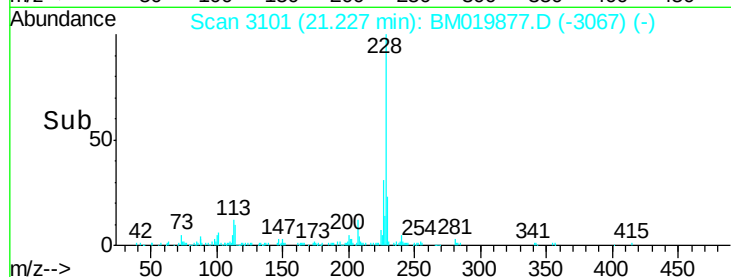
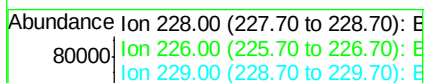
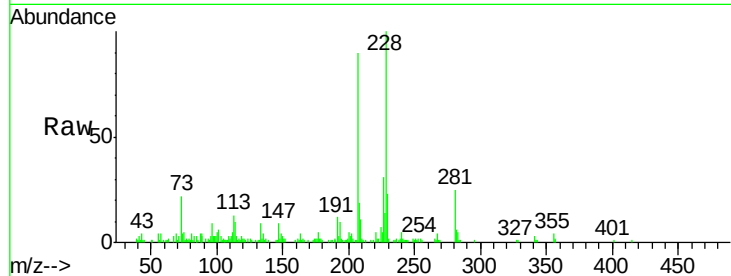
Tgt Ion:228 Resp: 75920

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 22.7 16.0 24.0



#88

Benzo(b)fluoranthene

Concen: 2.866 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

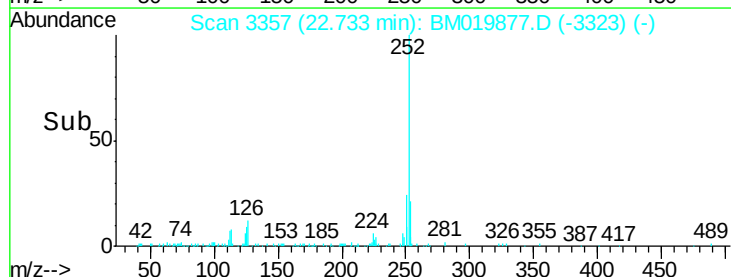
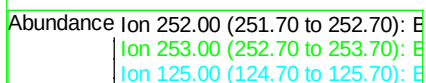
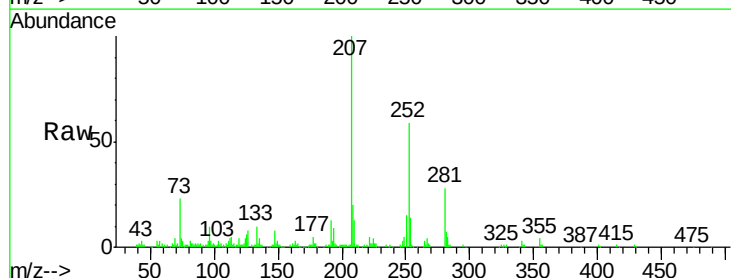
Tgt Ion:252 Resp: 107372

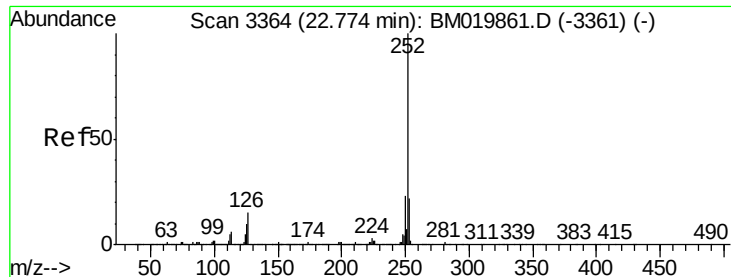
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 10.9 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 2.984 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

Instrument :

BNA_M

ClientSampleId :

BFC20DL

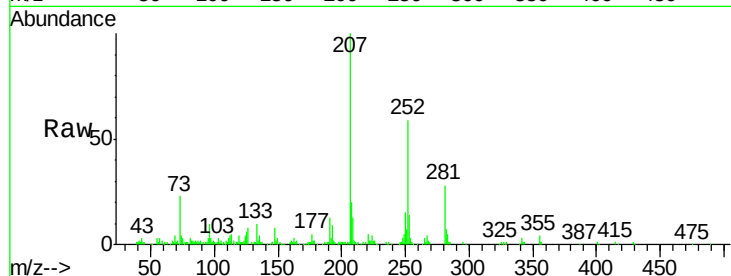
Tgt Ion:252 Resp: 107372

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

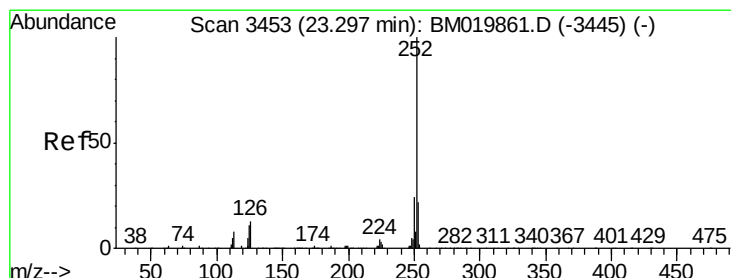
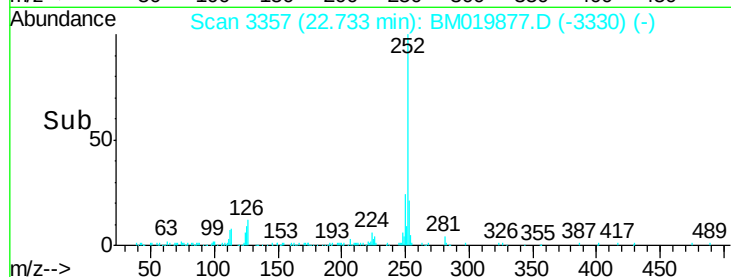
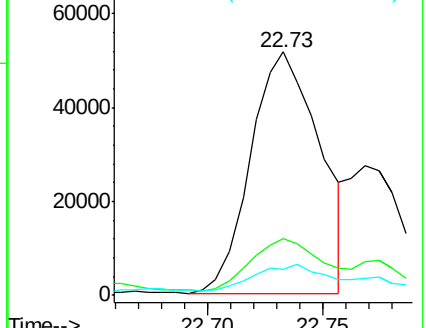
125 10.9 5.4 8.0#



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: 2.025 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM019877.D

Acq: 11 Apr 2019 00:00

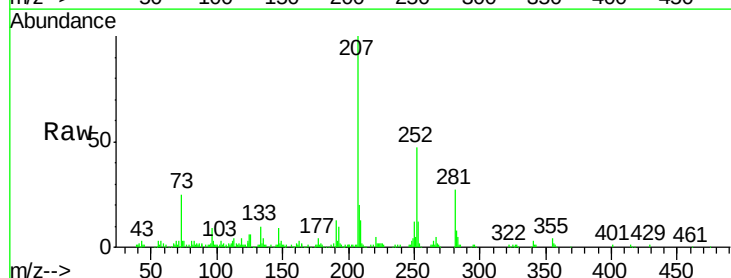
Tgt Ion:252 Resp: 72513

Ion Ratio Lower Upper

252 100

253 24.6 17.2 25.8

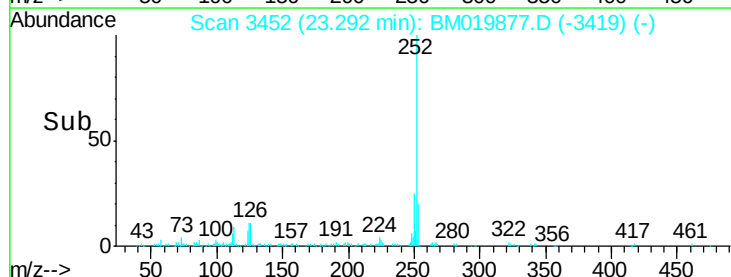
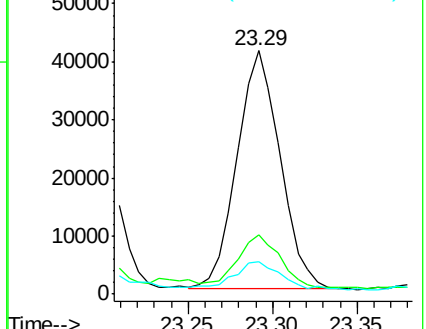
125 13.4 5.8 8.6#

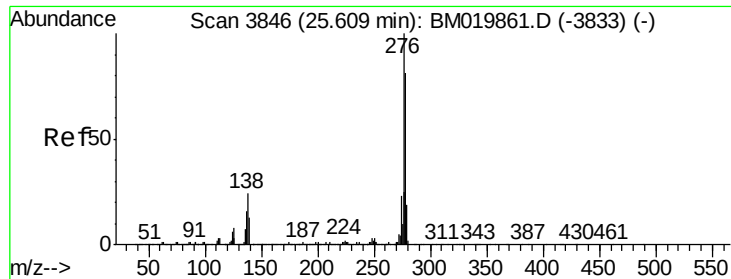


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



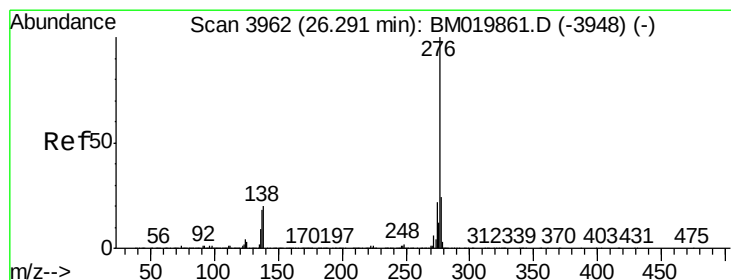
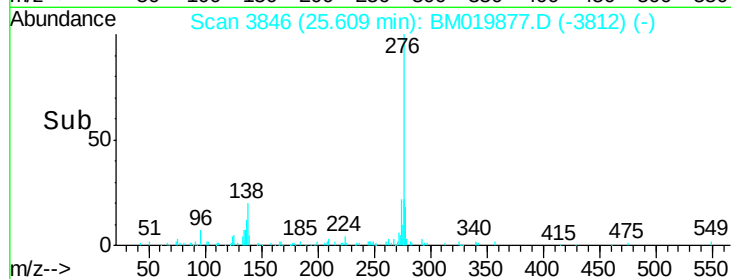
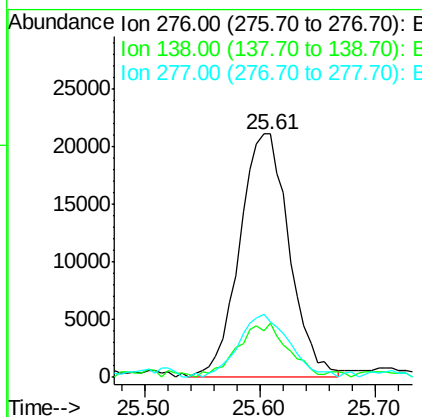
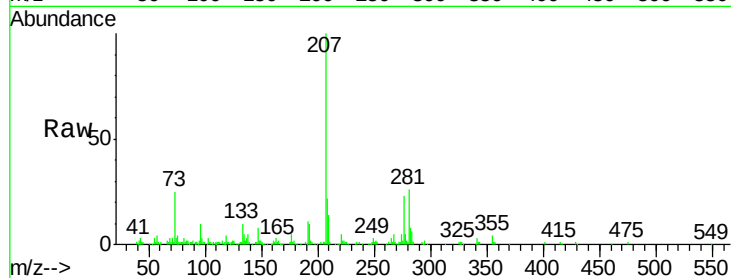


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.409 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Instrument :
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Tgt Ion:276 Resp: 63217
Ion Ratio Lower Upper
276 100
138 22.4 10.9 16.3#
277 22.8 18.9 28.3



#94

Benzo(g,h,i)perylene
Concen: 1.378 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM019877.D
Acq: 11 Apr 2019 00:00

Tgt Ion:276 Resp: 51646
Ion Ratio Lower Upper
276 100
138 23.3 11.2 16.8#
277 24.9 19.0 28.6

