

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011936.D
 Acq On : 05 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I5449-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 06 04:51:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	263938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1015559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	515431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1052335	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1143036	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1268758	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5204	0.93	ng/uL	0.00
5) Phenol-d5	7.03	99	91919	4.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	58014	4.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	89892	4.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	71236	3.63	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	36850	5.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	40938	5.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	77574	4.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	13041	0.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	238851	5.35	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	275756	5.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	9221	1.18	ng/ul	0.02
57) Fluorene-d10	15.50	176	195890	4.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	15261	2.16	ng/ul	0.00
70) Anthracene-d10	17.36	188	295261	5.69	ng/ul	0.00
76) Pyrene-d10	19.64	212	330039	6.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	337052	5.52	ng/ul	0.00

Target Compounds

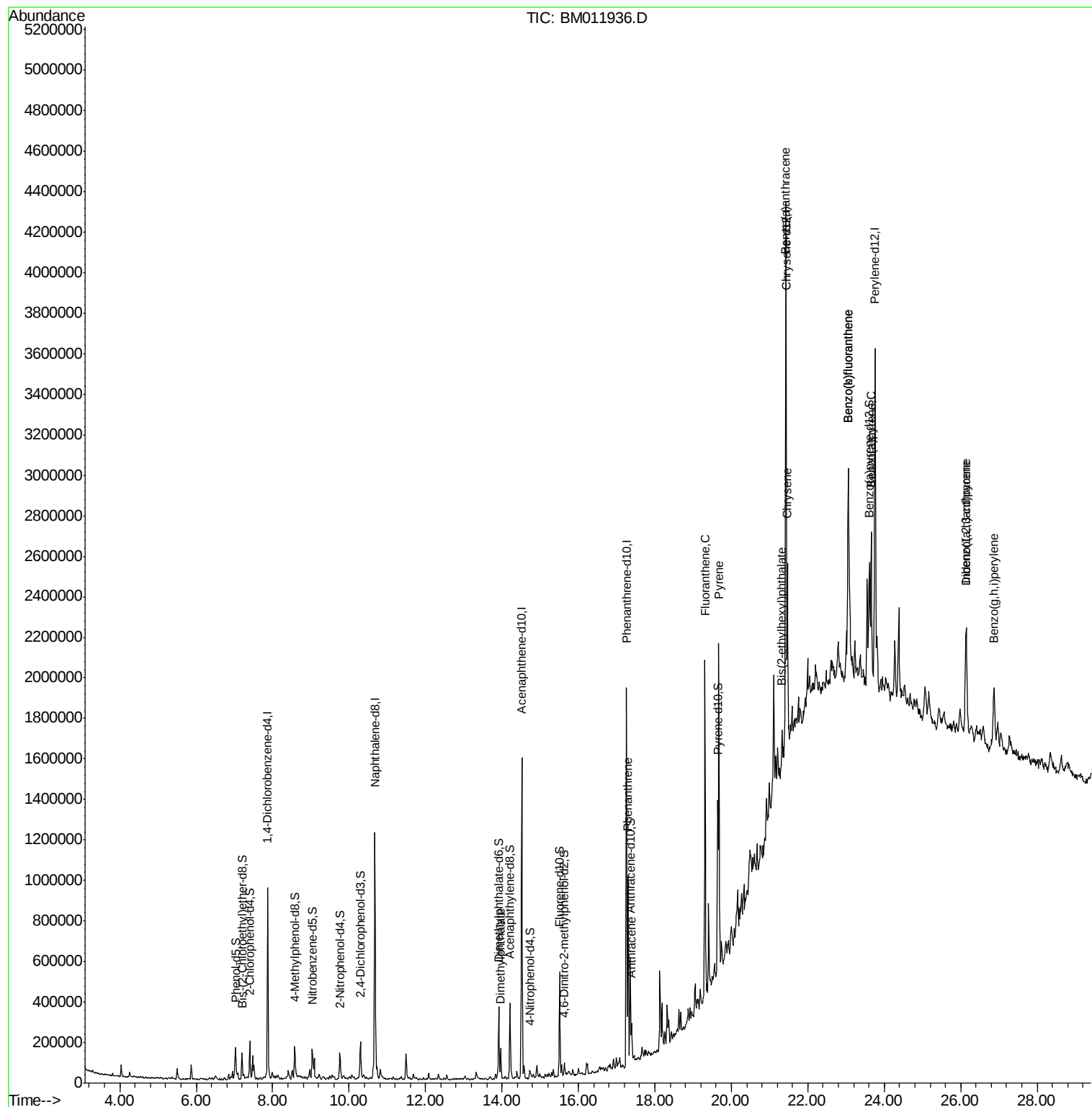
					Ovalue	
44) Dimethylphthalate	13.96	163	94840	2.207	ng/ul	98
69) Phenanthrene	17.30	178	540525	9.338	ng/ul	98
71) Anthracene	17.39	178	125970	2.139	ng/ul	97
74) Fluoranthene	19.31	202	955178	13.524	ng/ul#	91
77) Pyrene	19.67	202	899800	14.197	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	533862	8.153	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	65509	1.774	ng/ul#	97
82) Chrysene	21.47	228	531524	8.543	ng/ul	95
85) Benzo(b)fluoranthene	23.05	252	766185	9.935	ng/ul#	94
86) Benzo(k)fluoranthene	23.05	252	766185	9.951	ng/ul#	92
88) Benzo(a)pyrene	23.66	252	542179	7.317	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.14	276	425455	5.365	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.13	278	100209	1.538	ng/ul#	75
91) Benzo(g,h,i)perylene	26.87	276	396112	6.039	ng/ul#	93

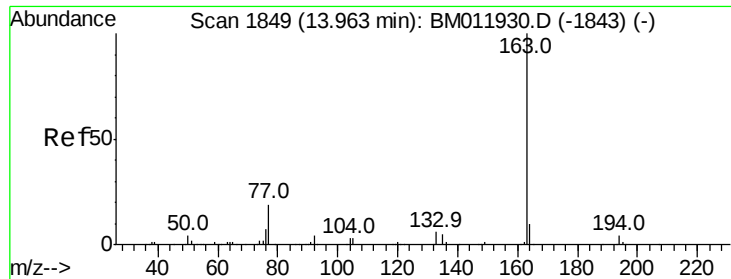
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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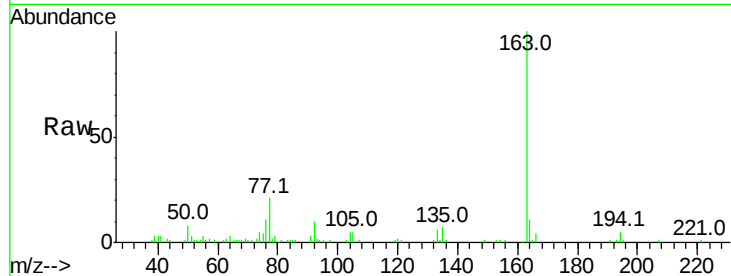




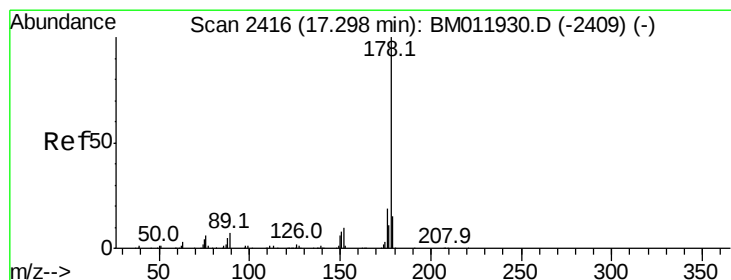
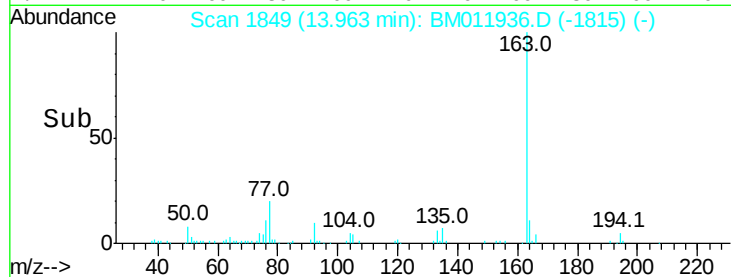
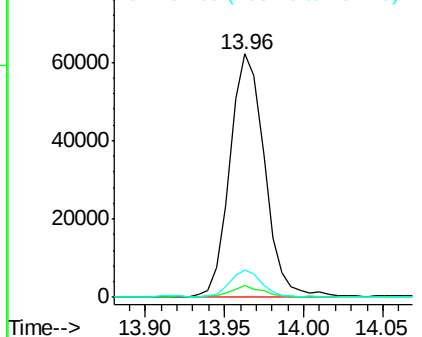
#44
Dimethylphthalate
Concen: 2.207 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM011936.D
Acq: 05 Oct 2017 21:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 94840
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 11.4 8.2 12.4

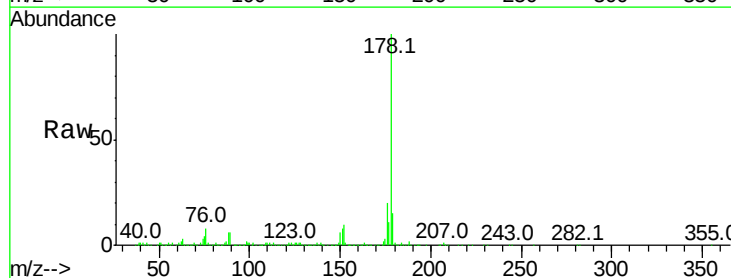


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

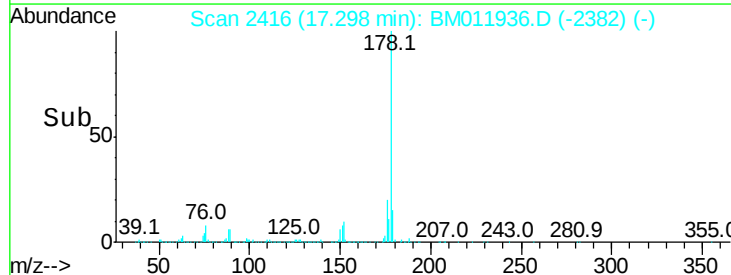
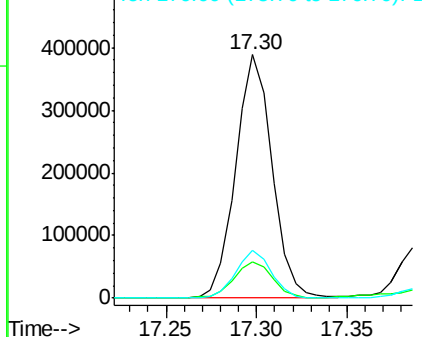


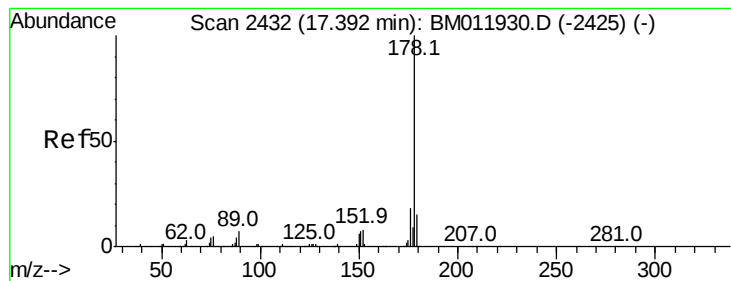
#69
Phenanthrene
Concen: 9.338 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM011936.D
Acq: 05 Oct 2017 21:21

Tgt Ion:178 Resp: 540525
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 19.7 14.9 22.3



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





#71

Anthracene

Concen: 2.139 ng/ul

RT: 17.39 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

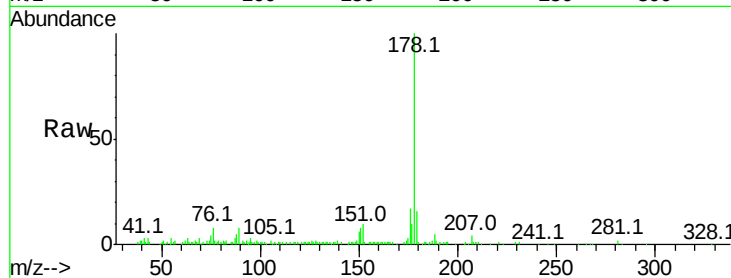
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 125970

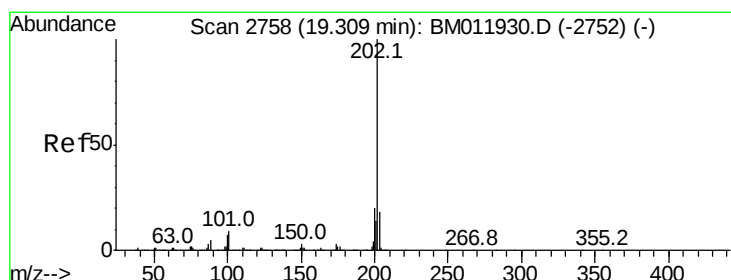
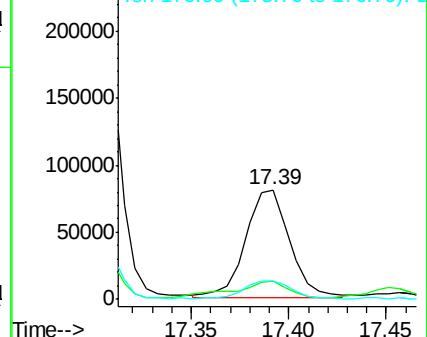
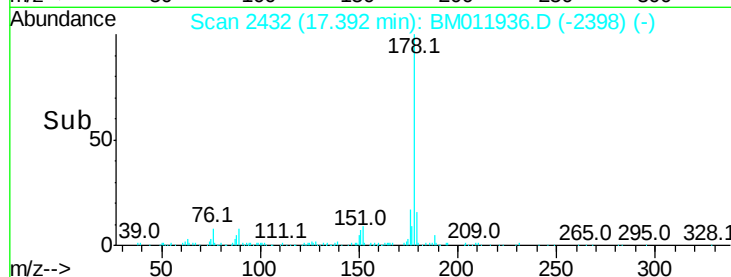
Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.7	17.5
176	17.1	14.6	21.8



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



#74

Fluoranthene

Concen: 13.524 ng/ul

RT: 19.31 min Scan# 2758

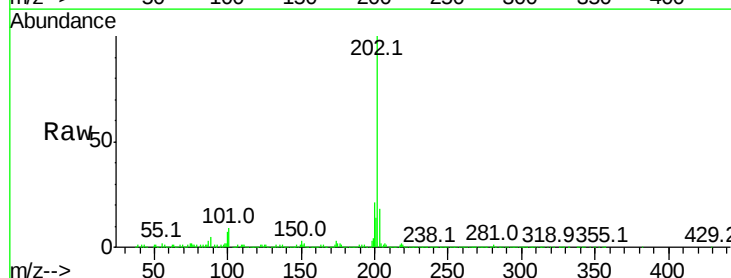
Delta R.T. 0.00 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

Tgt Ion:202 Resp: 955178

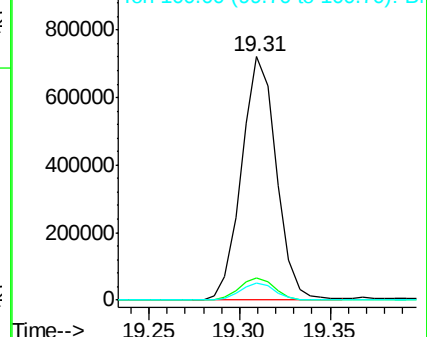
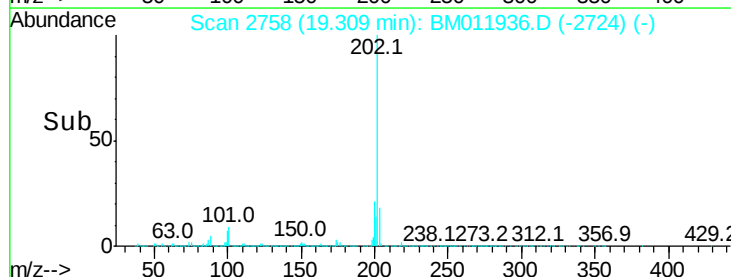
Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	7.2	3.4	5.2#

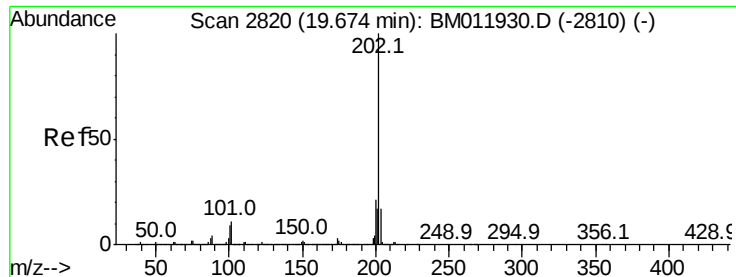


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 14.197 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

Instrument :

BNA_M

ClientSampleId :

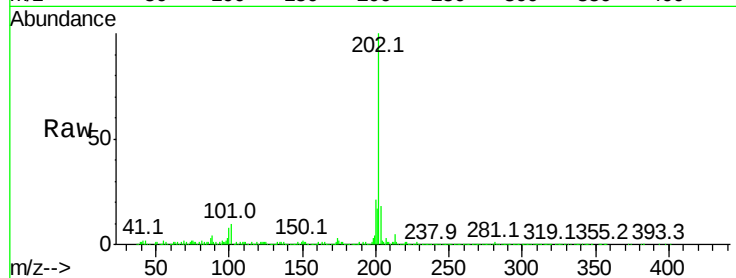
Tot Ion:202 Resp: 899800

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

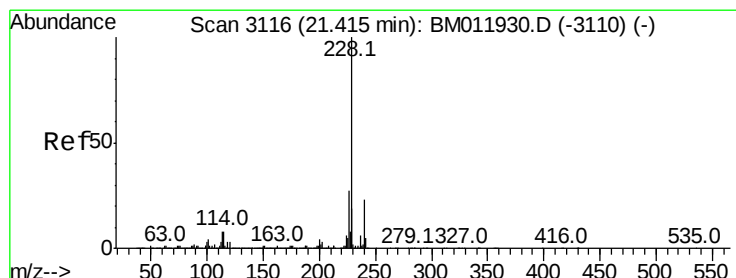
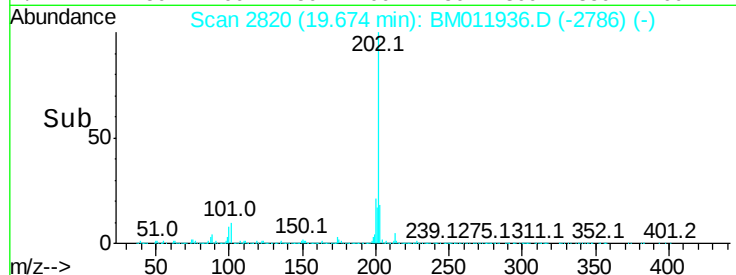
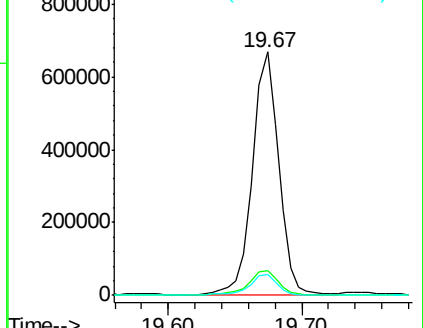
100 8.5 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 8.153 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

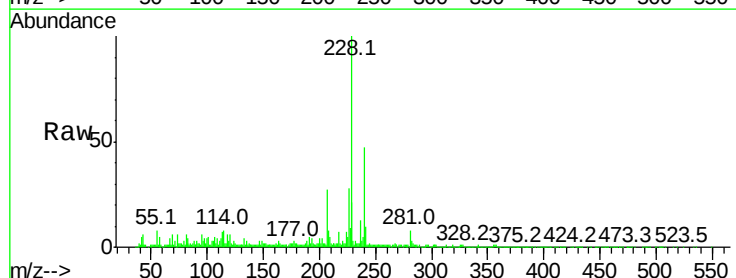
Tgt Ion:228 Resp: 533862

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

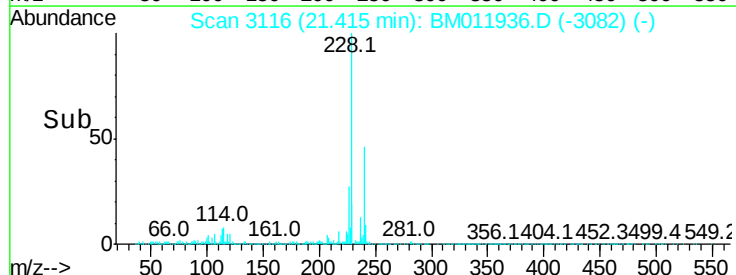
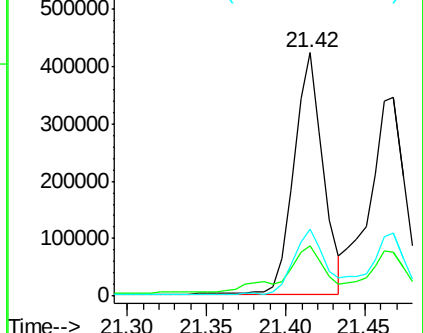
226 27.6 21.4 32.0

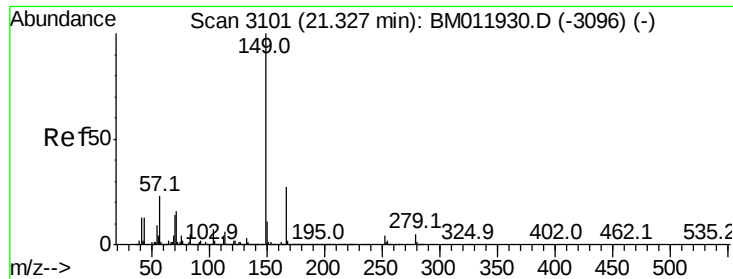


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

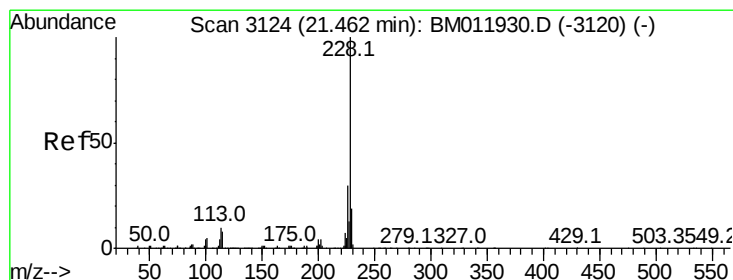
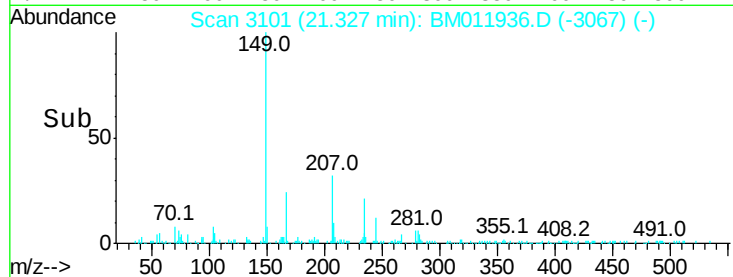
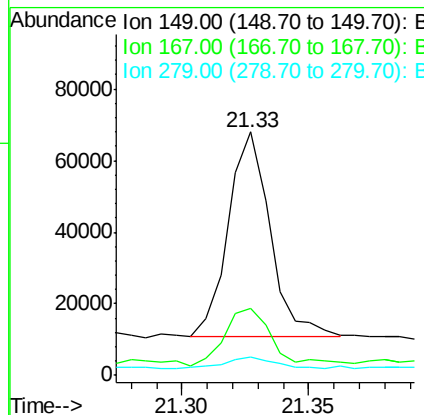
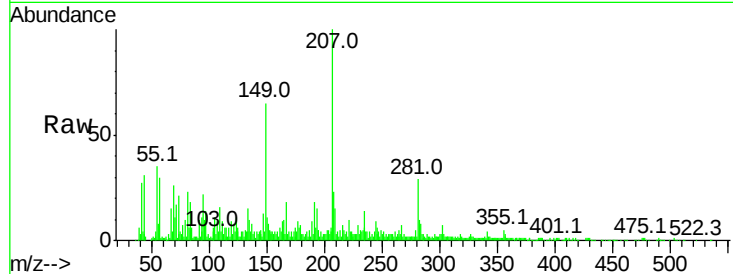




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.774 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM011936.D
 Acq: 05 Oct 2017 21:21

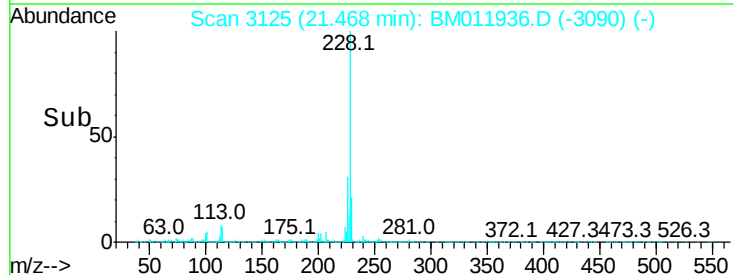
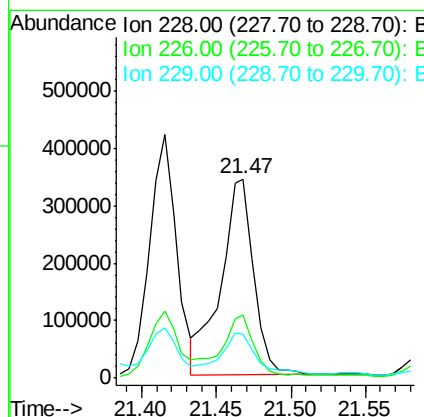
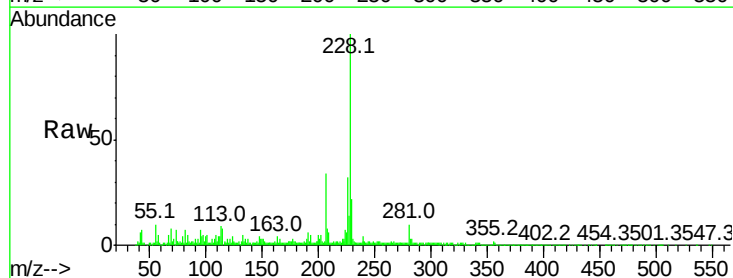
Instrument :
 BNA_M
 ClientSampleId :

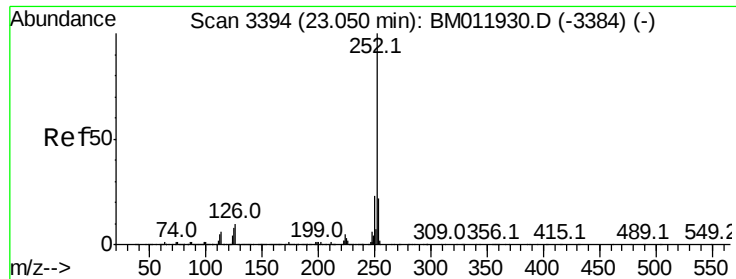
Tot Ion:149 Resp: 65509
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 7.8 4.9 7.3#



#82
 Chrysene
 Concen: 8.543 ng/ul
 RT: 21.47 min Scan# 3125
 Delta R.T. 0.01 min
 Lab File: BM011936.D
 Acq: 05 Oct 2017 21:21

Tgt Ion:228 Resp: 531524
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.4 35.2
 229 22.3 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 9.935 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. 0.00 min

Lab File: BM011936.D

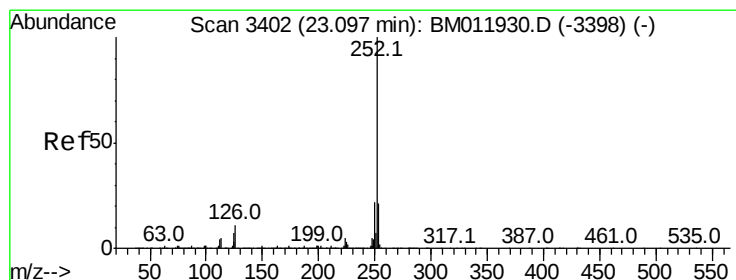
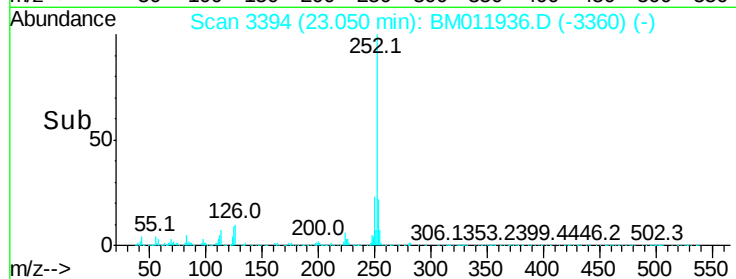
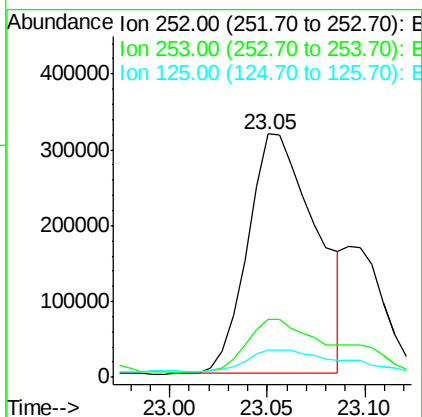
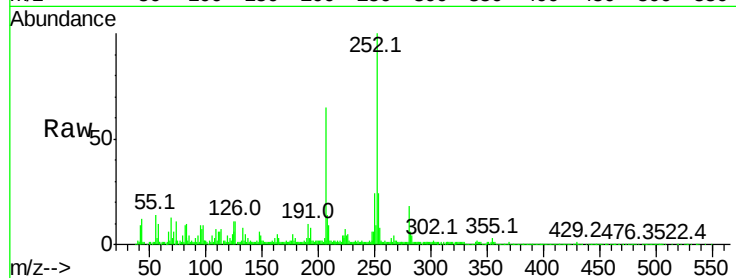
Acq: 05 Oct 2017 21:21

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	766185
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.2	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 9.951 ng/ul

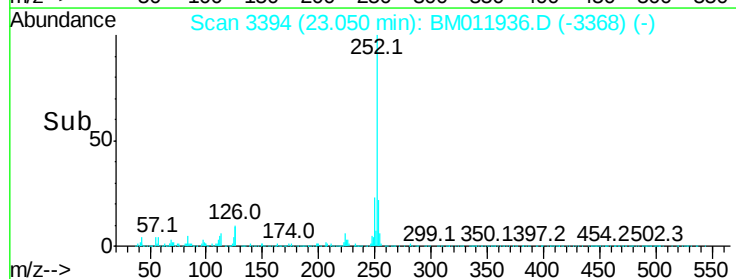
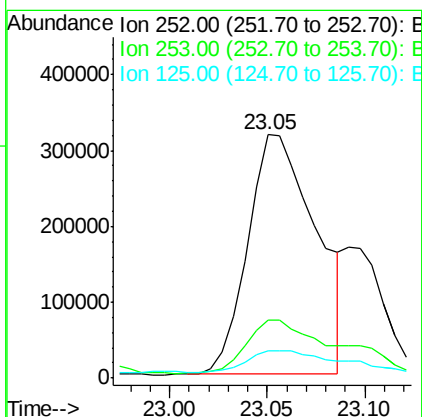
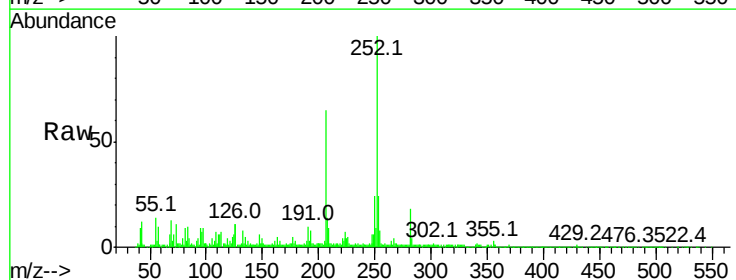
RT: 23.05 min Scan# 3394

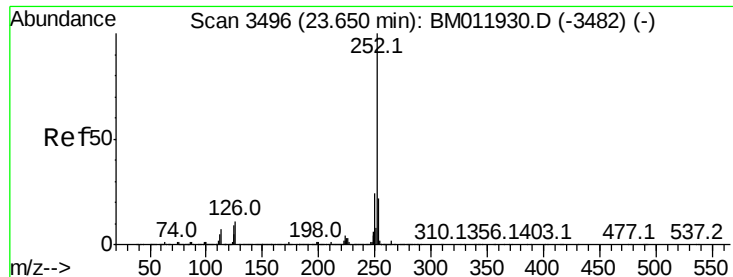
Delta R.T. -0.05 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

Tgt Ion:	252	Resp:	766185
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.2	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 7.317 ng/ul

RT: 23.66 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

Instrument :

BNA_M

ClientSampleId :

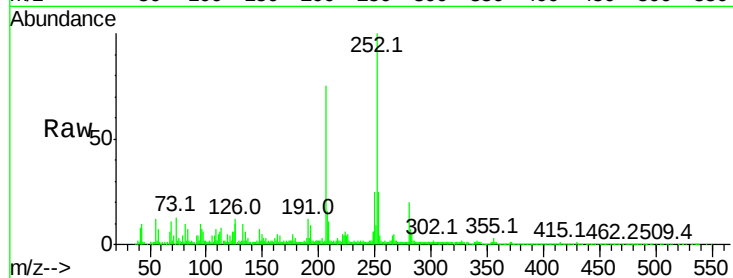
Tot Ion:252 Resp: 542179

Ion Ratio Lower Upper

252 100

253 24.5 18.2 27.2

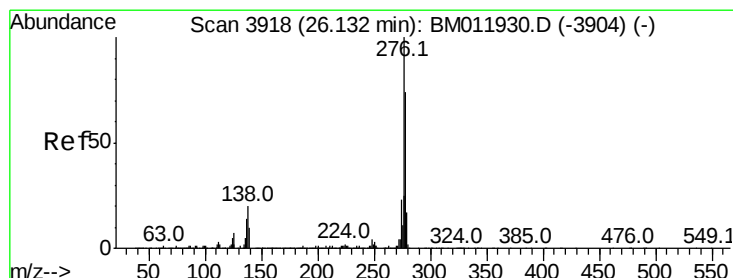
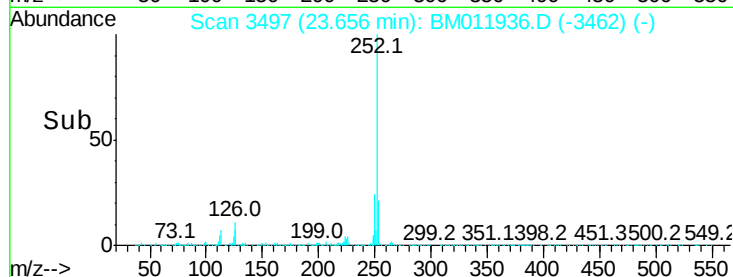
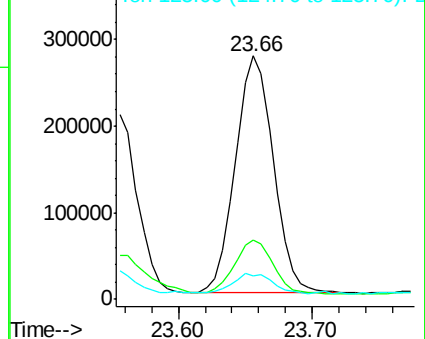
125 9.8 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.365 ng/ul

RT: 26.14 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BM011936.D

Acq: 05 Oct 2017 21:21

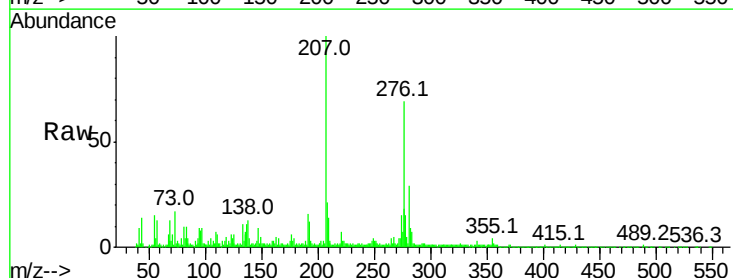
Tgt Ion:276 Resp: 425455

Ion Ratio Lower Upper

276 100

138 18.4 9.3 13.9#

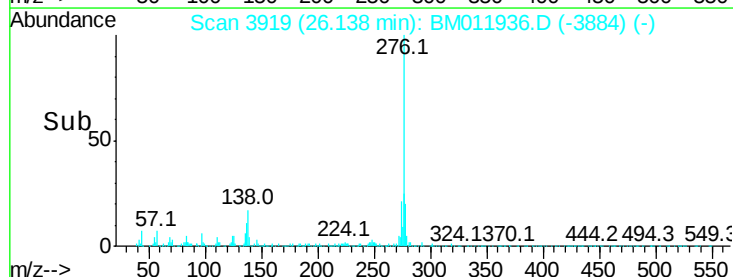
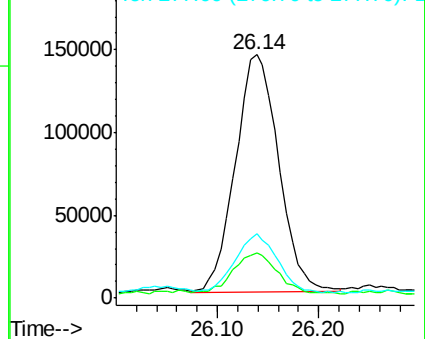
277 26.7 19.9 29.9

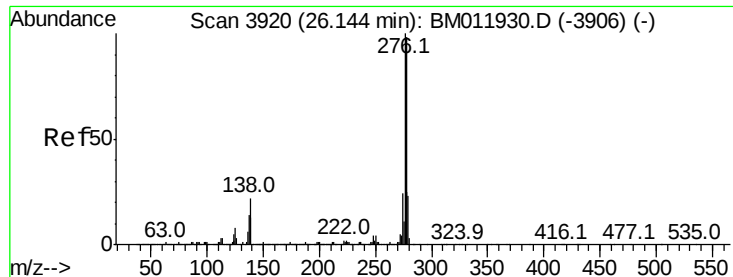


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



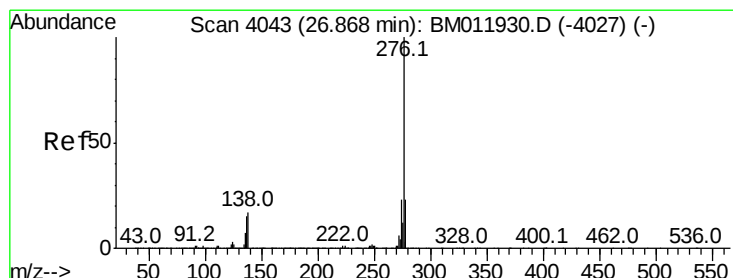
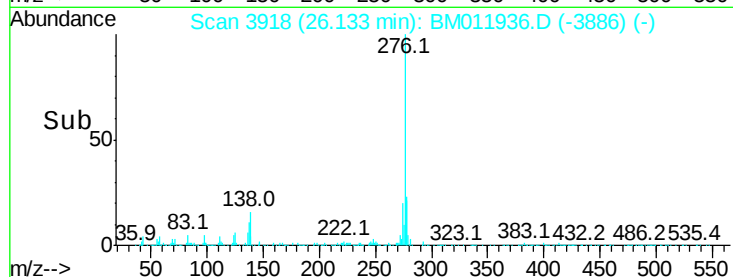
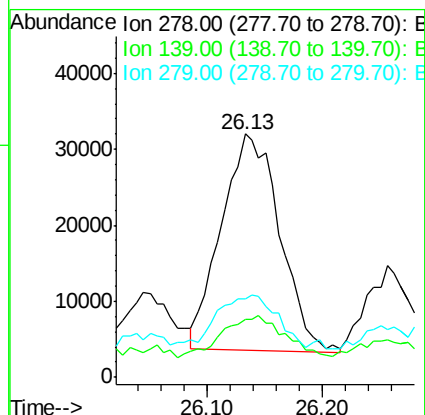
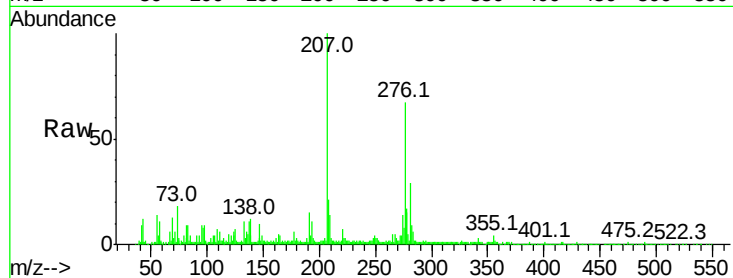


#90

Dibenzo(a,h)anthracene
Concen: 1.538 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM011936.D
Acq: 05 Oct 2017 21:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 100209
Ion Ratio Lower Upper
278 100
139 23.6 5.8 8.8#
279 32.3 18.6 27.8#



#91

Benzo(g,h,i)perylene
Concen: 6.039 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. 0.01 min
Lab File: BM011936.D
Acq: 05 Oct 2017 21:21

Tgt Ion:276 Resp: 396112
Ion Ratio Lower Upper
276 100
138 18.2 8.5 12.7#
277 23.6 18.6 28.0

