

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011935.D
 Acq On : 05 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5449-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 06 04:51:22 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	249978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	953111	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	500327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1066257	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1191660	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1329654	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5202	0.98	ng/uL	0.00
5) Phenol-d5	7.03	99	84705	3.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	57173	4.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	82827	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	68158	3.67	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	34945	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	37680	4.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	74282	4.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	28755	1.71	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	235689	5.44	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	269924	5.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	4791	0.63	ng/ul	0.02
57) Fluorene-d10	15.50	176	195741	5.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	18160	2.53	ng/ul	0.00
70) Anthracene-d10	17.35	188	302396	5.76	ng/ul	0.00
76) Pyrene-d10	19.64	212	345241	6.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	357231	5.58	ng/ul	0.00

Target Compounds

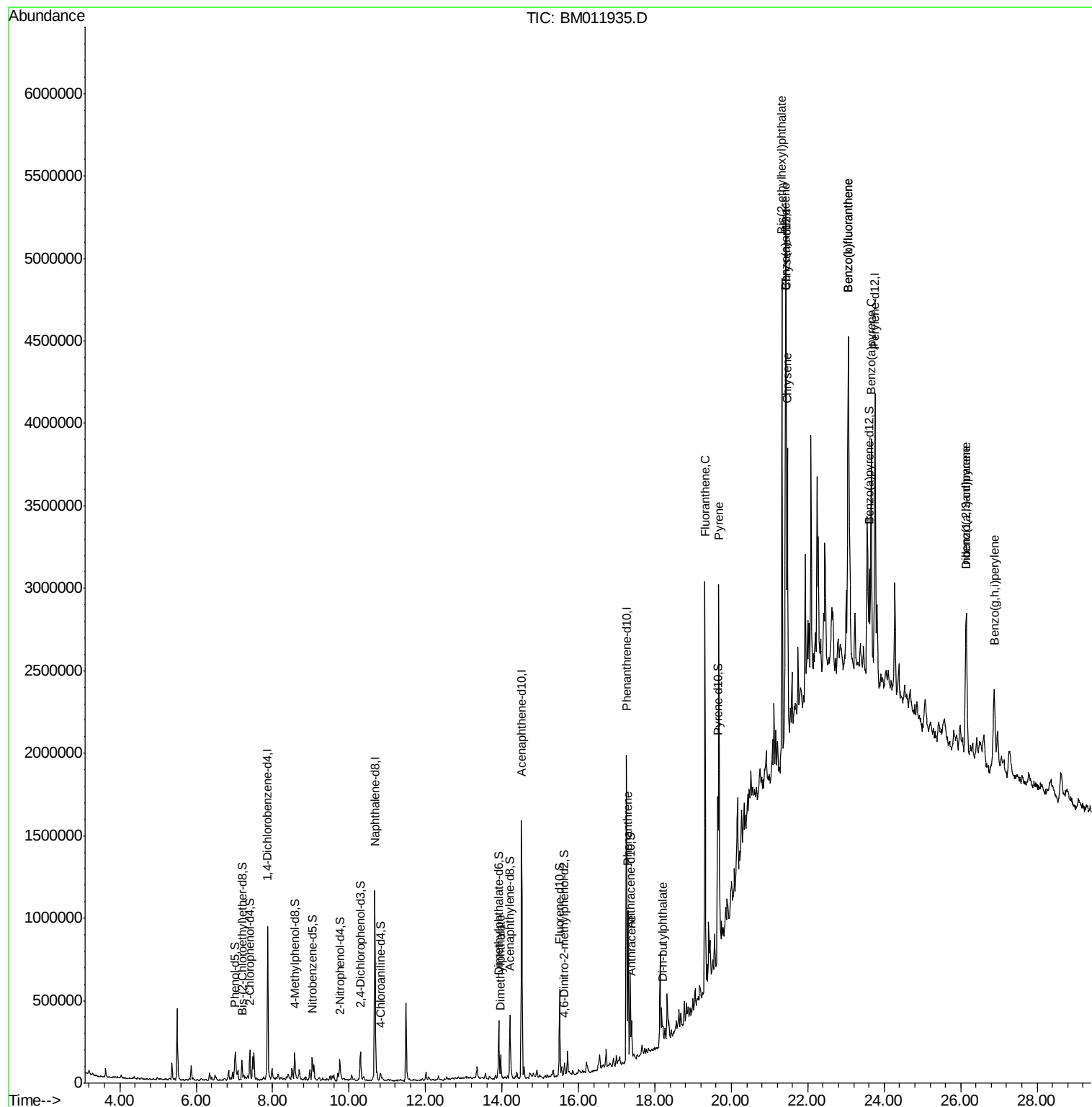
					Ovalue	
44) Dimethylphthalate	13.96	163	93921	2.251	ng/ul	99
69) Phenanthrene	17.30	178	535869	9.137	ng/ul	99
71) Anthracene	17.39	178	144850	2.427	ng/ul	97
73) Di-n-butylphthalate	18.21	149	65745	1.061	ng/ul#	93
74) Fluoranthene	19.31	202	1449747	20.259	ng/ul#	91
77) Pyrene	19.67	202	1363321	20.633	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	962886	14.105	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	1004026	26.075	ng/ul	98
82) Chrysene	21.46	228	917648	14.147	ng/ul	95
85) Benzo(b)fluoranthene	23.06	252	1460218	18.067	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	1460218	18.097	ng/ul#	94
88) Benzo(a)pyrene	23.66	252	1027989	13.237	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.14	276	757551	9.116	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	188973	2.767	ng/ul#	78
91) Benzo(g,h,i)perylene	26.87	276	674368	9.810	ng/ul#	91

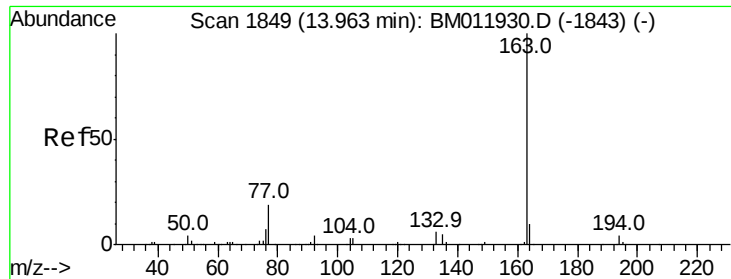
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 20:45
Operator : SJ/JU
Sample : I5449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Oct 06 04:51:22 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

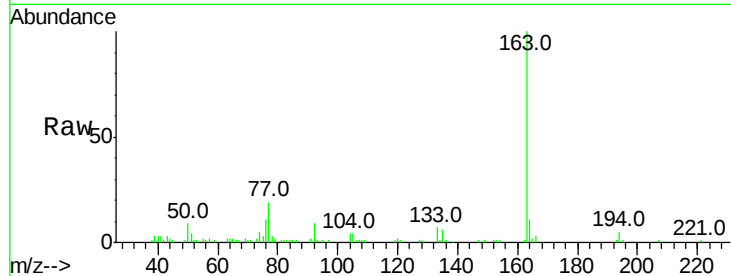




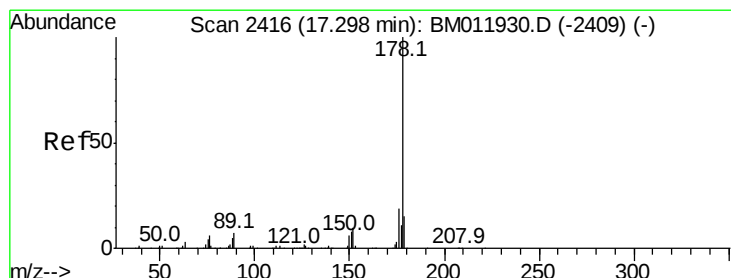
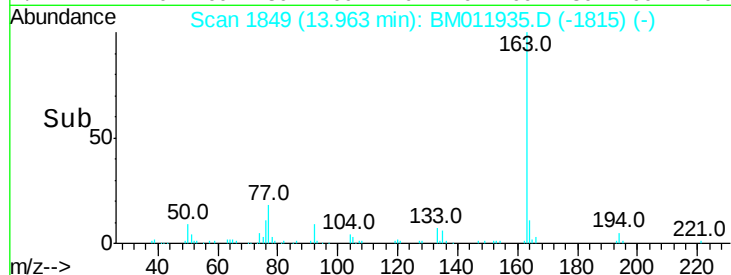
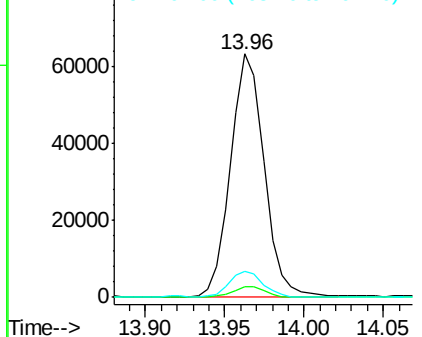
#44
Dimethylphthalate
Concen: 2.251 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 93921
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.9 8.2 12.4

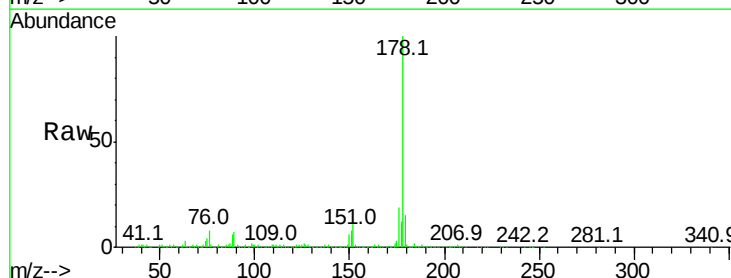


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

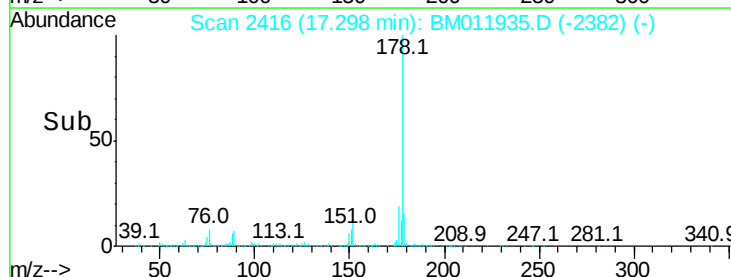
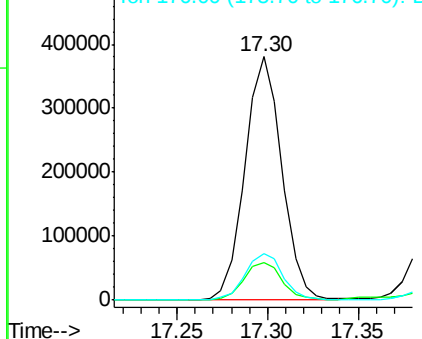


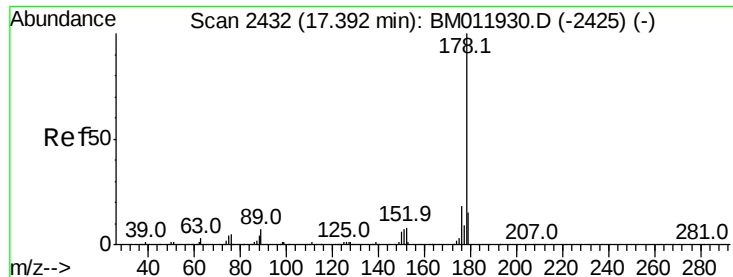
#69
Phenanthrene
Concen: 9.137 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

Tgt Ion:178 Resp: 535869
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.9 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

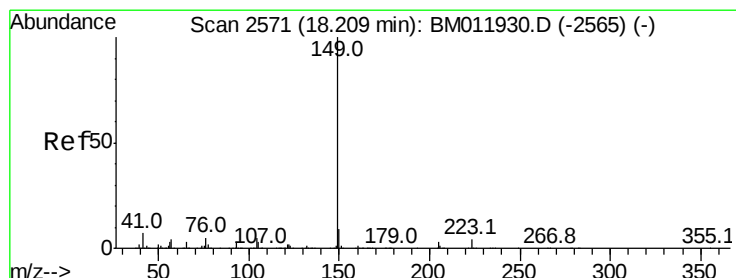
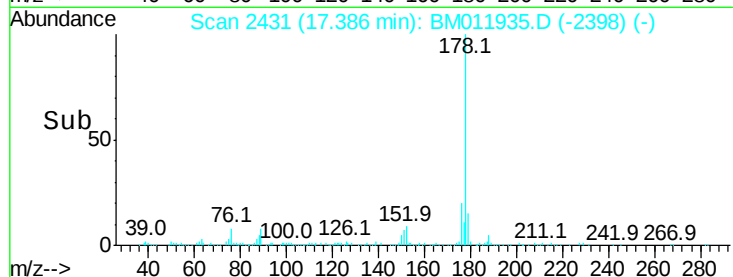
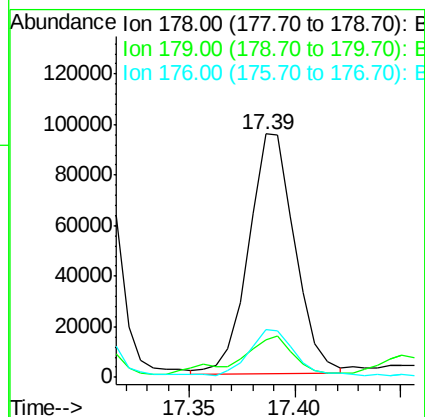
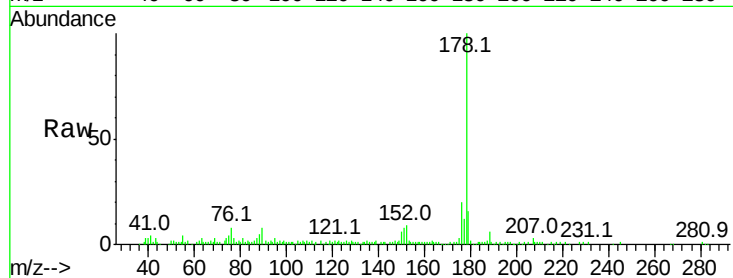




#71
 Anthracene
 Concen: 2.427 ng/ul
 RT: 17.39 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BM011935.D
 Acq: 05 Oct 2017 20:45

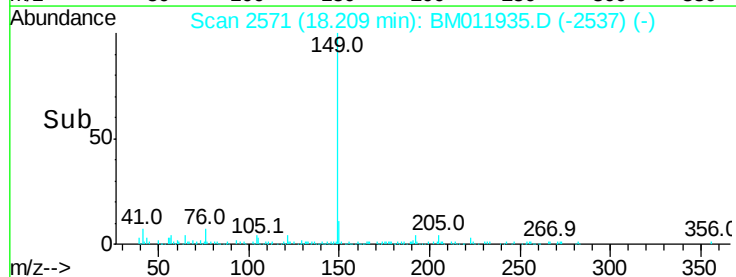
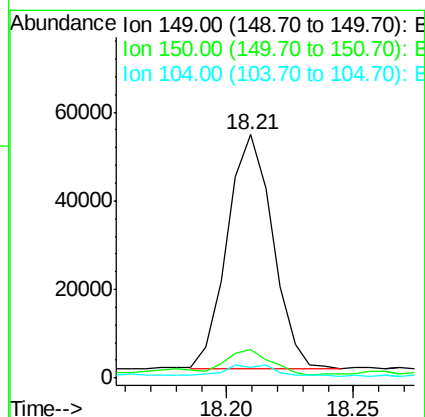
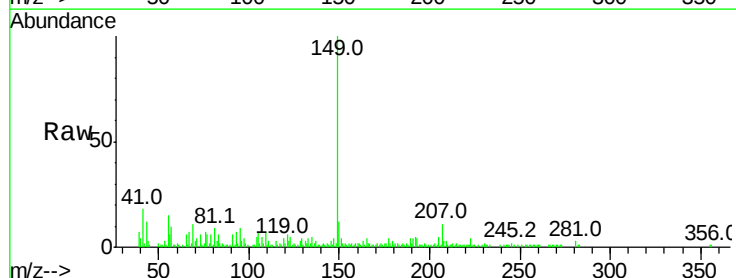
Instrument :
 BNA_M
 ClientSampleId :

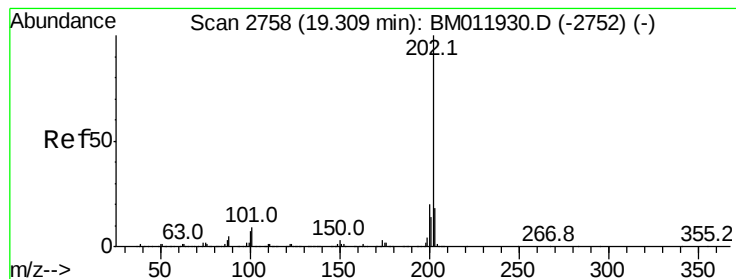
Tot Ion:178 Resp: 144850
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.7 17.5
 176 19.7 14.6 21.8



#73
 Di-n-butylphthalate
 Concen: 1.061 ng/ul
 RT: 18.21 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BM011935.D
 Acq: 05 Oct 2017 20:45

Tgt Ion:149 Resp: 65745
 Ion Ratio Lower Upper
 149 100
 150 11.6 7.1 10.7#
 104 4.6 5.6 8.4#





#74

Fluoranthene

Concen: 20.259 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

Instrument :

BNA_M

ClientSampled :

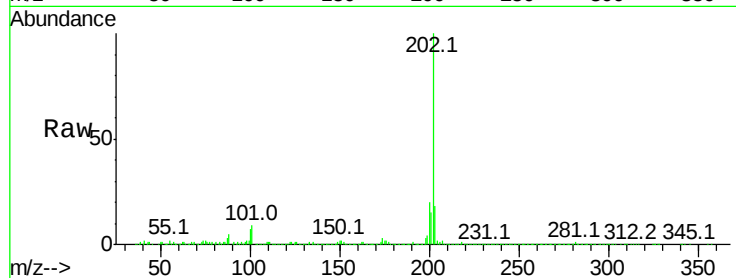
Tot Ion:202 Resp: 1449747

Ion Ratio Lower Upper

202 100

101 9.0 4.6 7.0#

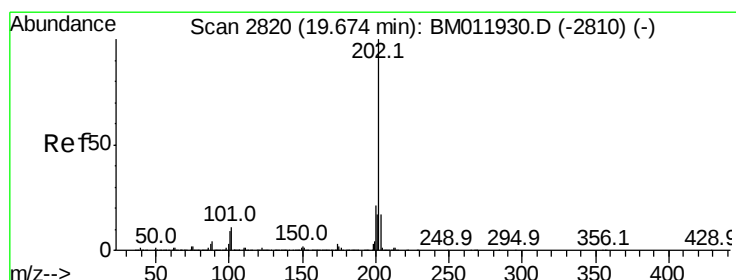
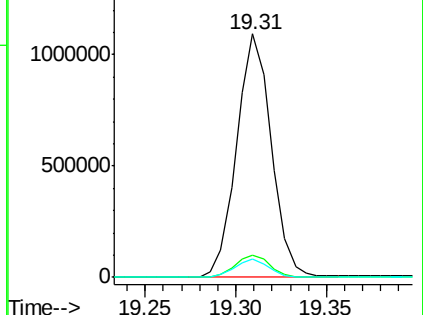
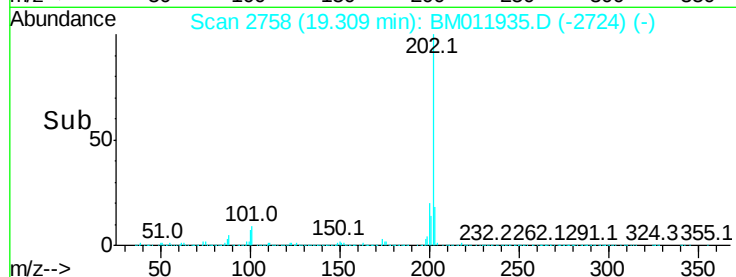
100 7.3 3.4 5.2#



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

Pyrene

Concen: 20.633 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

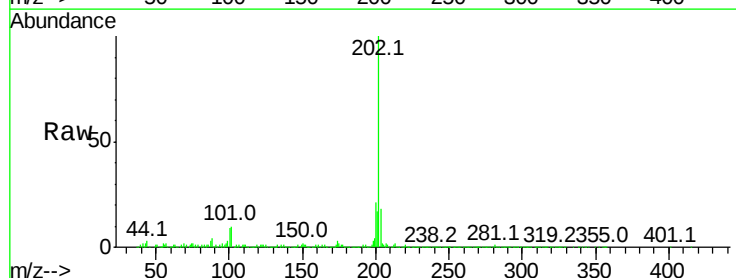
Tgt Ion:202 Resp: 1363321

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

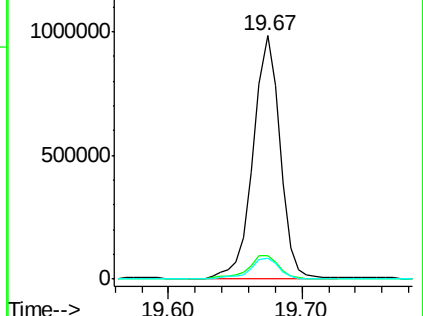
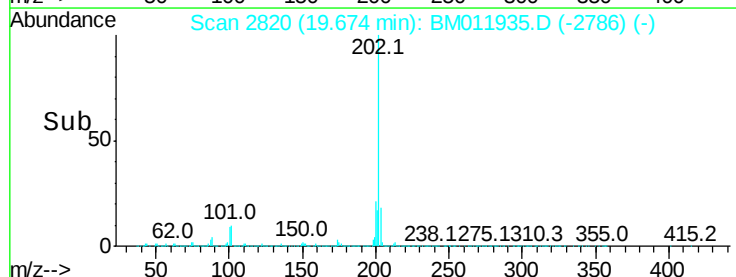
100 8.6 4.9 7.3#

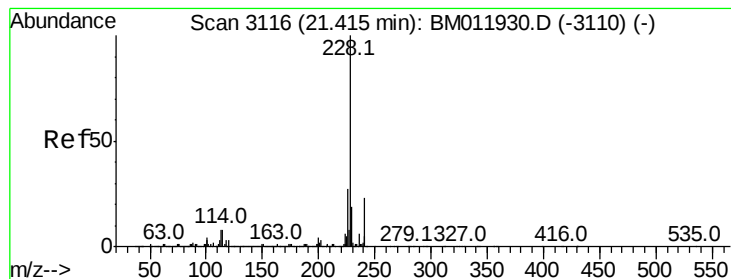


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 14.105 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

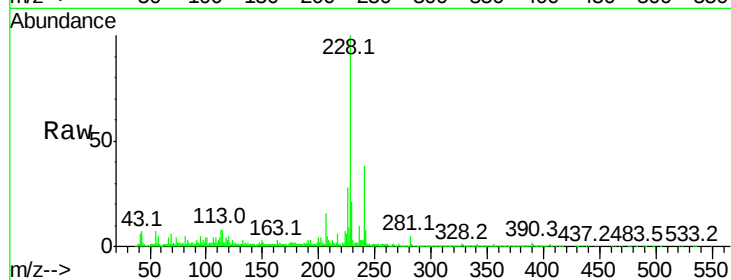
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 962886

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	28.2	21.4	32.0

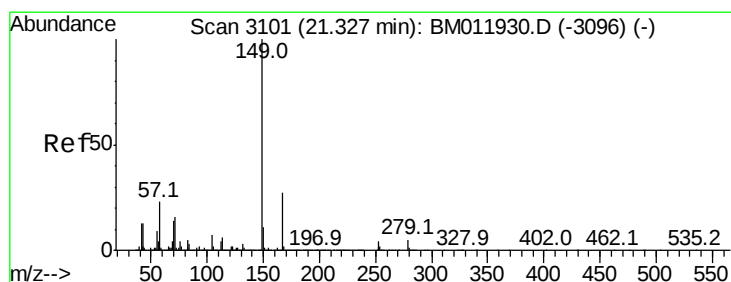
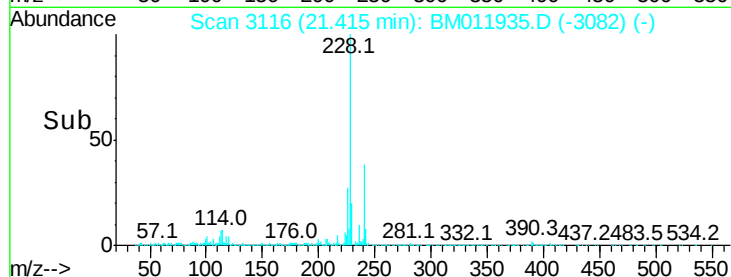
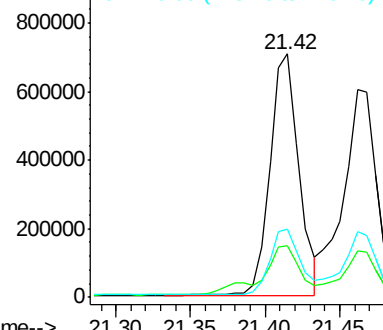


Abundance

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: 26.075 ng/ul

RT: 21.33 min Scan# 3101

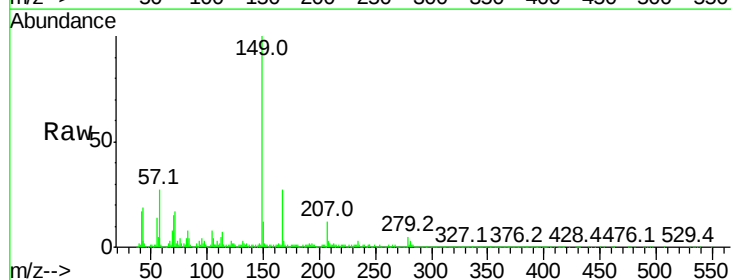
Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

Tgt Ion:149 Resp: 1004026

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.8	34.2
279	5.0	4.9	7.3

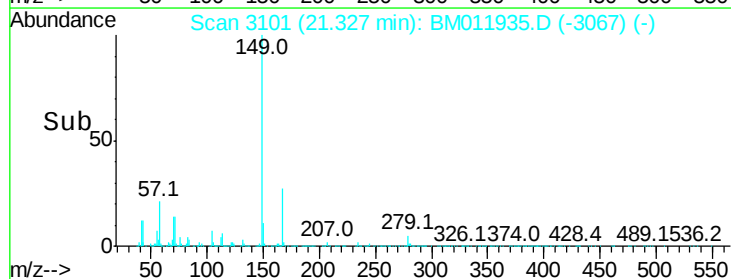
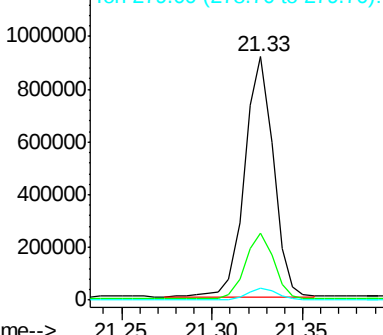


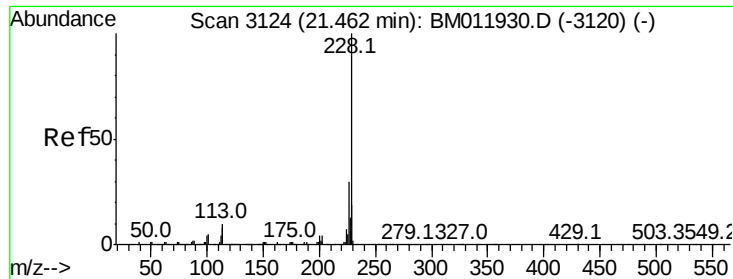
Abundance

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





#82

Chrysene

Concen: 14.147 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

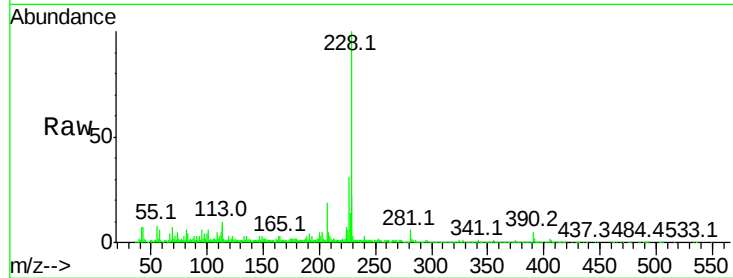
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 917648

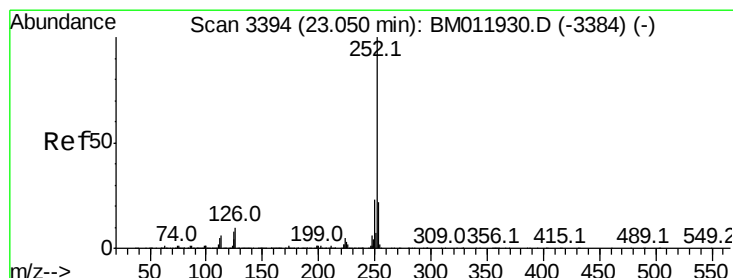
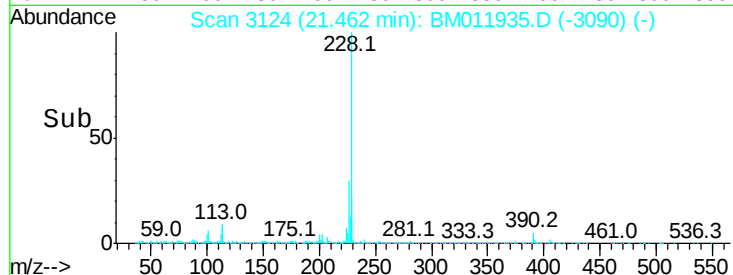
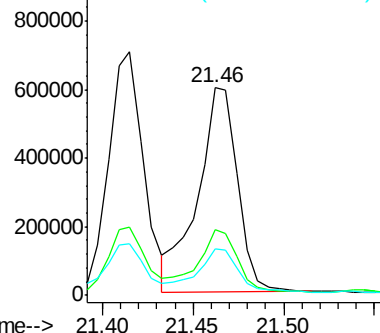
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	22.5	15.5	23.3



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



#85

Benzo(b)fluoranthene

Concen: 18.067 ng/ul

RT: 23.06 min Scan# 3395

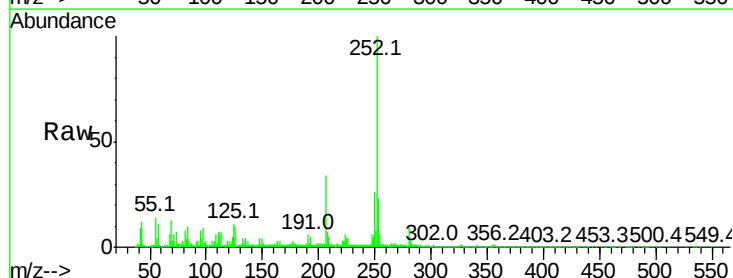
Delta R.T. 0.01 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

Tgt Ion:252 Resp: 1460218

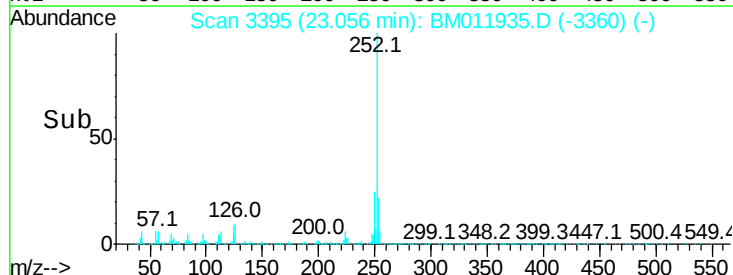
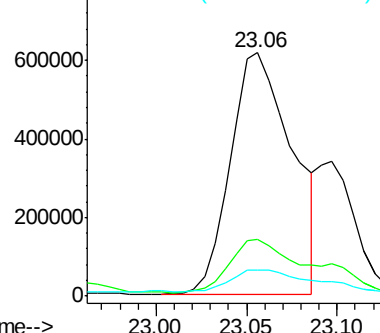
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.8	3.6	5.4

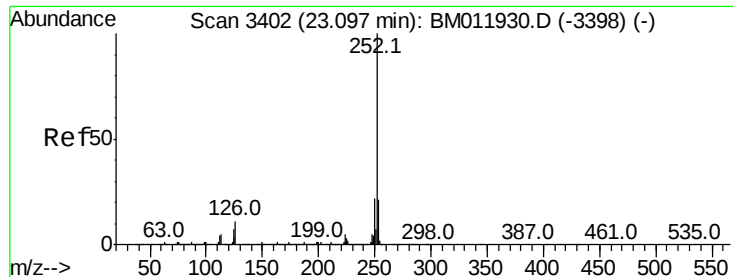


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

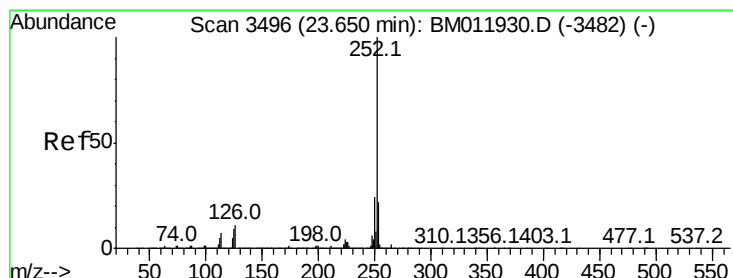
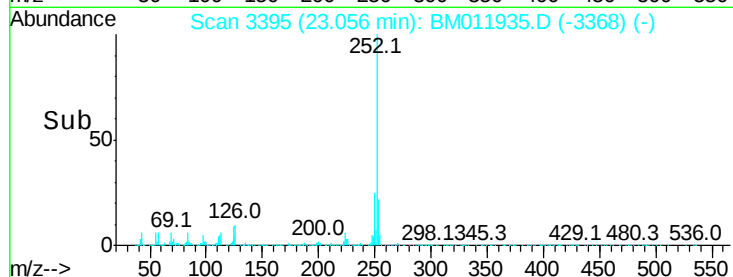
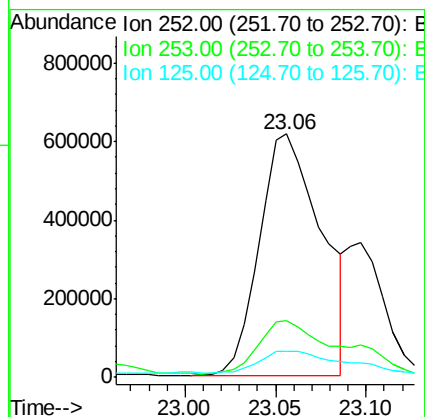
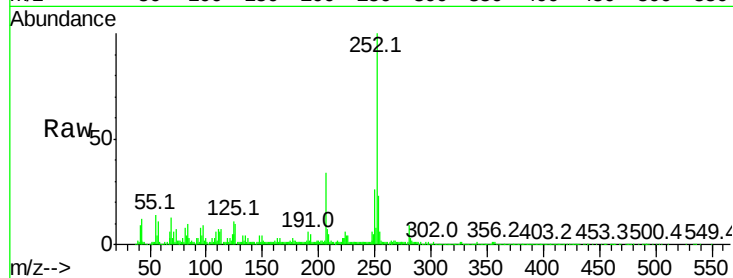




#86
Benzo(k)fluoranthene
Concen: 18.097 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.04 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

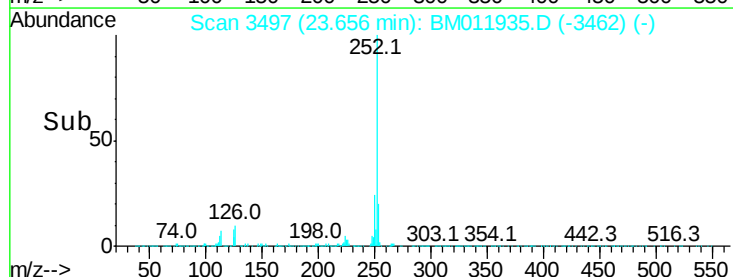
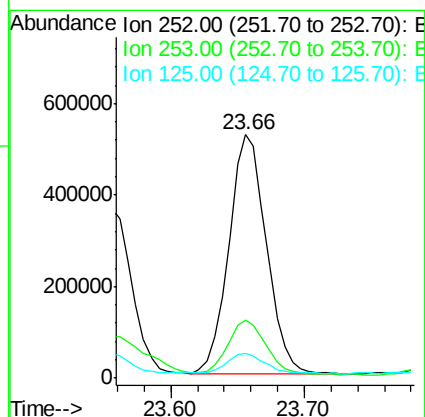
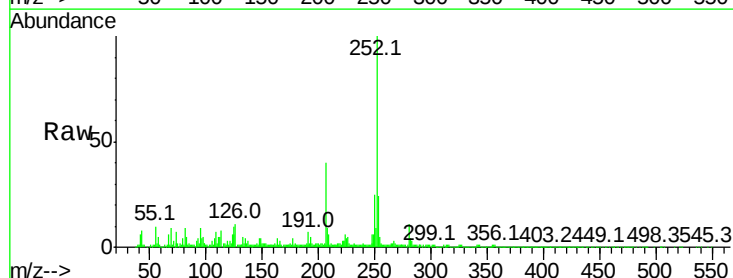
Instrument :
BNA_M
ClientSampleId :

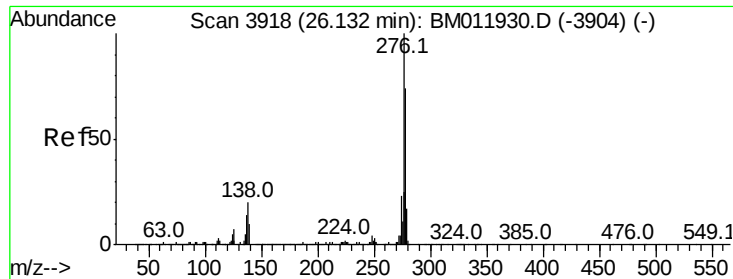
Tot Ion:252 Resp: 1460218
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 10.8 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 13.237 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

Tgt Ion:252 Resp: 1027989
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 10.2 4.0 6.0#



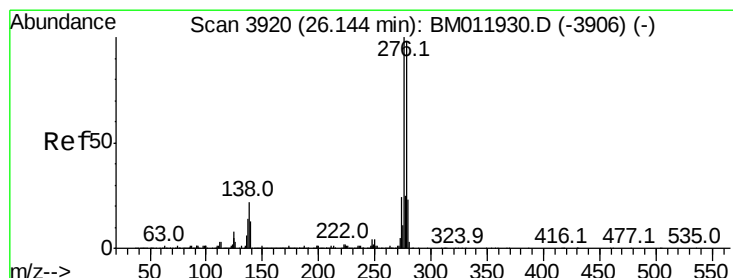
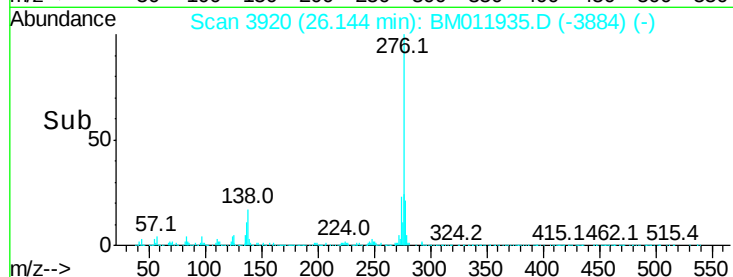
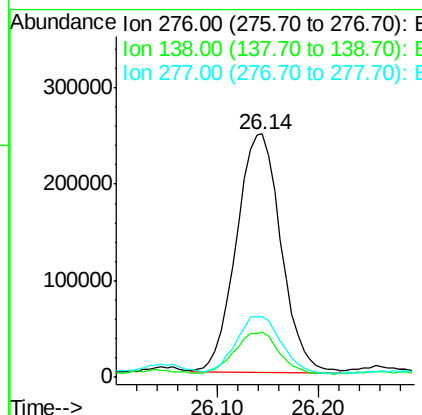
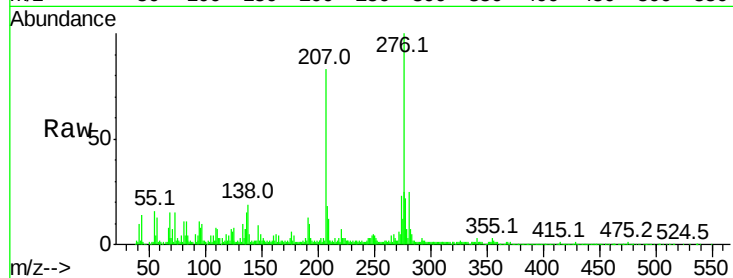


#89

Indeno(1,2,3-cd)pyrene
Concen: 9.116 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

Instrument :
BNA_M
ClientSampleId :

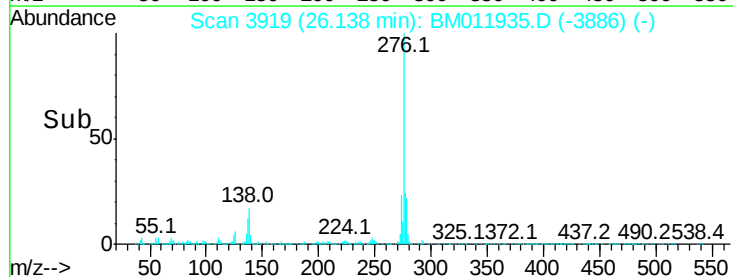
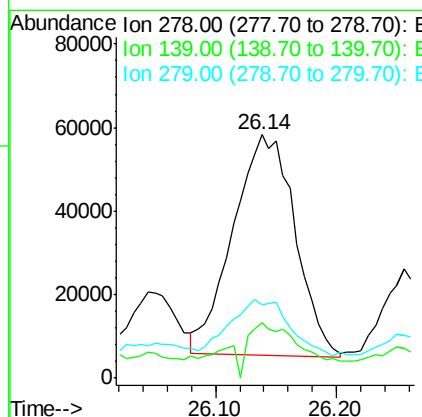
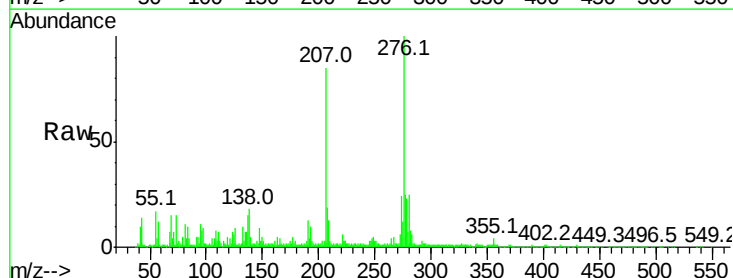
Tot Ion:276 Resp: 757551
Ion Ratio Lower Upper
276 100
138 18.5 9.3 13.9#
277 25.0 19.9 29.9

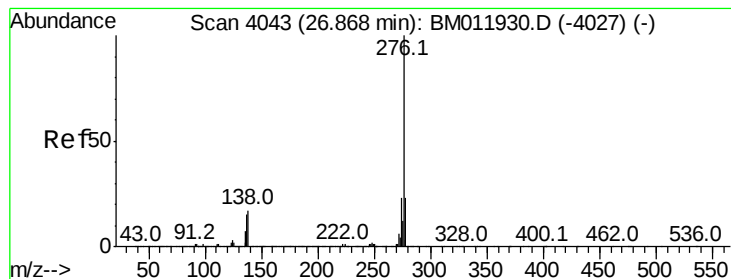


#90

Dibenzo(a,h)anthracene
Concen: 2.767 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 20:45

Tgt Ion:278 Resp: 188973
Ion Ratio Lower Upper
278 100
139 22.7 5.8 8.8#
279 30.4 18.6 27.8#





#91

Benzo(a,h,i)perylene

Concen: 9.810 ng/ul

RT: 26.87 min Scan# 4044

Delta R.T. 0.01 min

Lab File: BM011935.D

Acq: 05 Oct 2017 20:45

Instrument :

BNA_M

ClientSampleId :

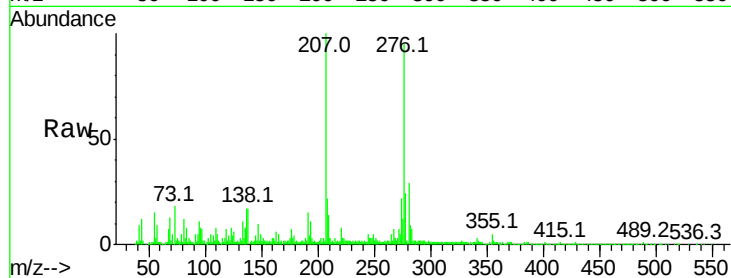
Tot Ion:276 Resp: 674368

Ion Ratio Lower Upper

276 100

138 18.0 8.5 12.7#

277 25.5 18.6 28.0



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

