

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011934.D
 Acq On : 05 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I5449-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 06 04:51:06 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	291426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1088971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	551212	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	1124718	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1205252	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1318178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6052	0.98	ng/uL	0.00
5) Phenol-d5	7.03	99	97770	3.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	63724	4.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	91919	4.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	79778	3.68	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	39799	5.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	46265	5.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	86033	4.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	26936	1.40	ng/ul	0.03
43) Dimethylphthalate-d6	13.92	166	238838	5.00	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	289711	5.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	18780	2.25	ng/ul	0.02
57) Fluorene-d10	15.50	176	200343	4.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	26494	3.50	ng/ul	0.00
70) Anthracene-d10	17.36	188	297137	5.36	ng/ul	0.00
76) Pyrene-d10	19.64	212	323281	5.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	327247	5.16	ng/ul	0.00

Target Compounds

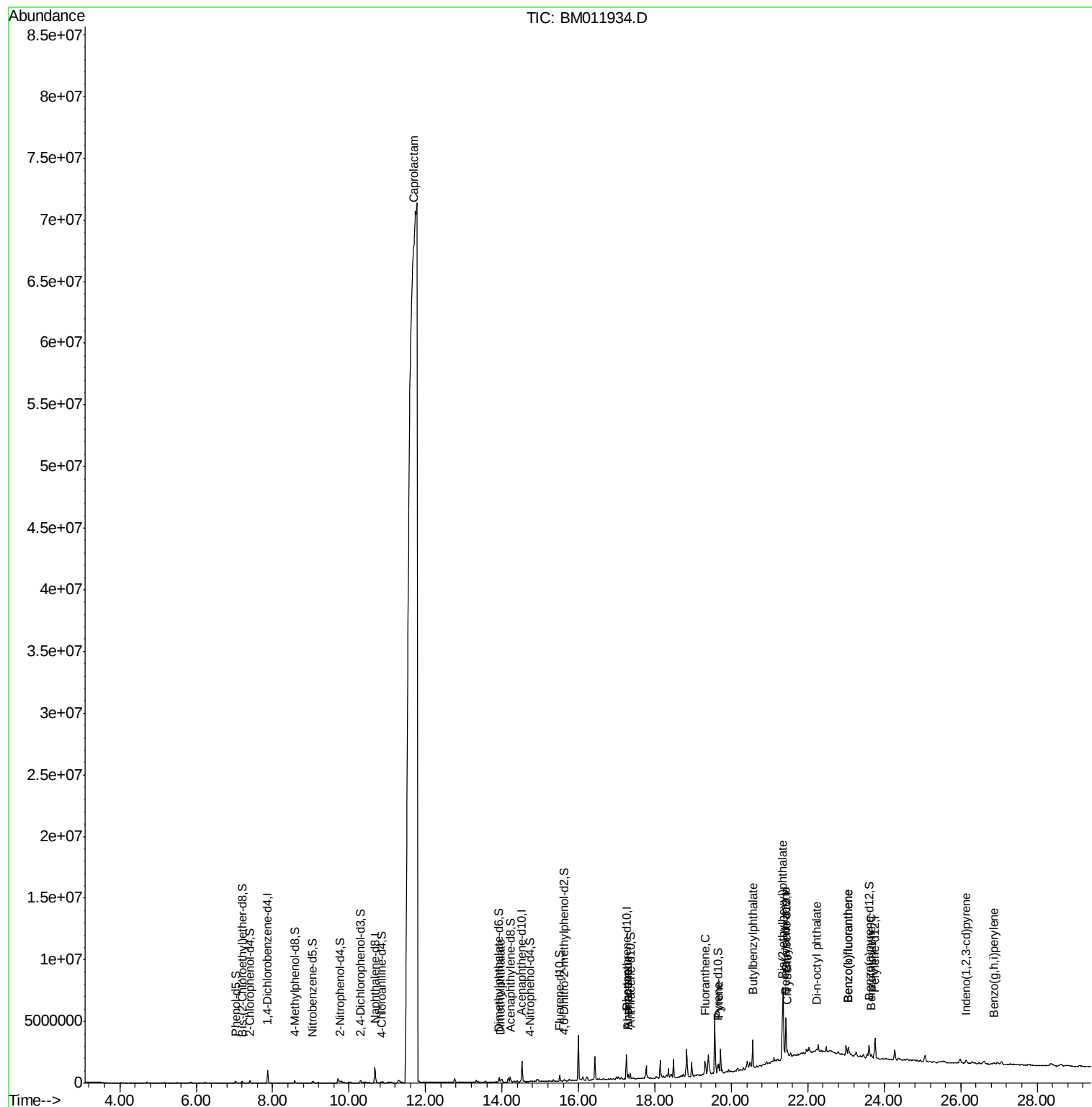
					Ovalue	
32) Caprolactam	11.68	113	24951412	4467.878	ng/ul#	1
44) Dimethylphthalate	13.97	163	96773	2.106	ng/ul	99
69) Phenanthrene	17.30	178	247791	4.005	ng/ul	99
71) Anthracene	17.30	178	247791	3.936	ng/ul	97
74) Fluoranthene	19.31	202	386012	5.114	ng/ul#	88
77) Pyrene	19.67	202	368758	5.518	ng/ul#	91
78) Butylbenzylphthalate	20.56	149	629693	24.054	ng/ul	90
80) Benzo(a)anthracene	21.41	228	199506	2.889	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.33	149	831390	21.348	ng/ul	99
82) Chrysene	21.46	228	285285	4.349	ng/ul	93
84) Di-n-octyl phthalate	22.23	149	117552	1.526	ng/ul#	1
85) Benzo(b)fluoranthene	23.05	252	376418	4.698	ng/ul#	93
86) Benzo(k)fluoranthene	23.05	252	376418	4.706	ng/ul#	91
88) Benzo(a)pyrene	23.65	252	128770	1.673	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.13	276	190619	2.314	ng/ul#	91
91) Benzo(g,h,i)perylene	26.87	276	188276	2.763	ng/ul#	88

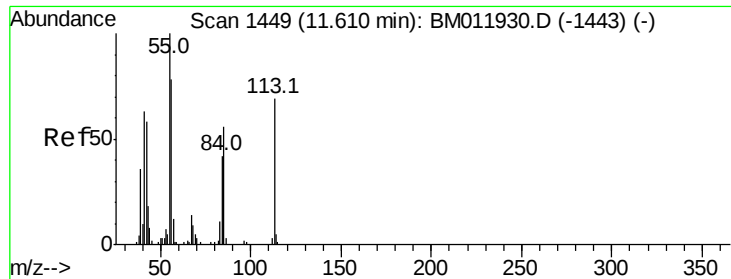
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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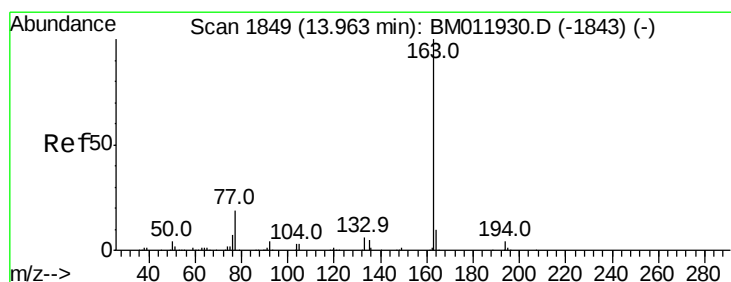
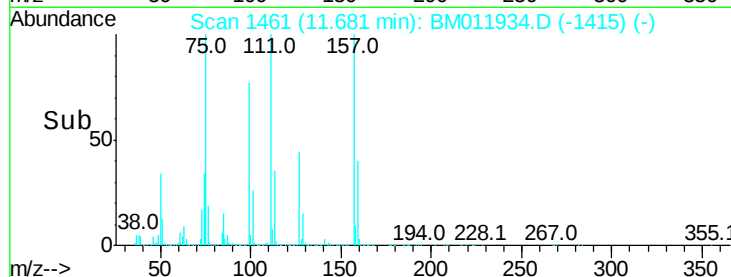
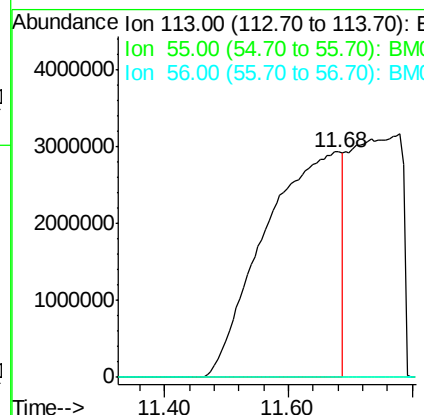
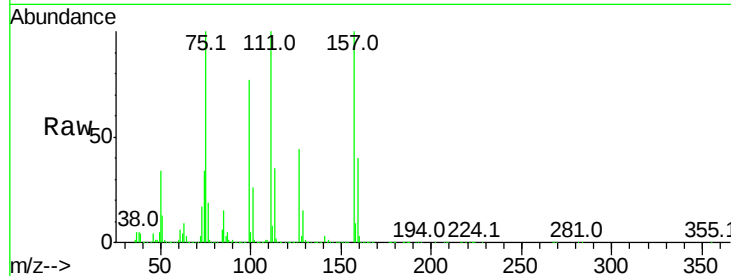




#32
 Caprolactam
 Concen: 4467.878 ng/ul
 RT: 11.68 min Scan# 1461
 Delta R.T. 0.07 min
 Lab File: BM011934.D
 Acq: 05 Oct 2017 20:08

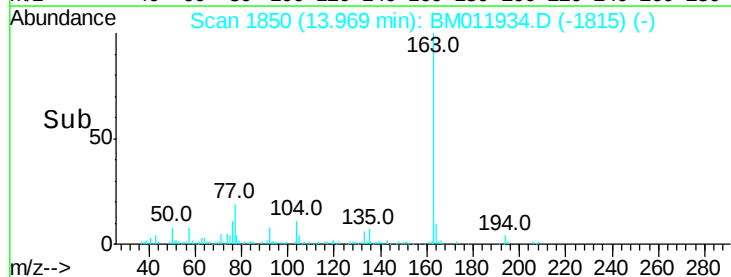
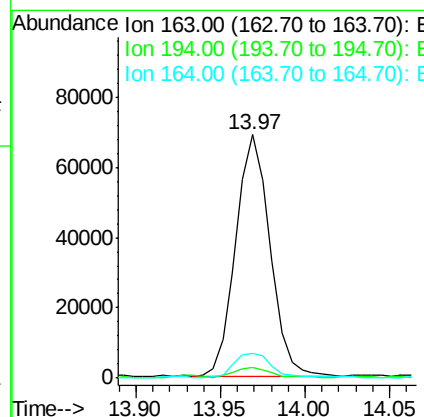
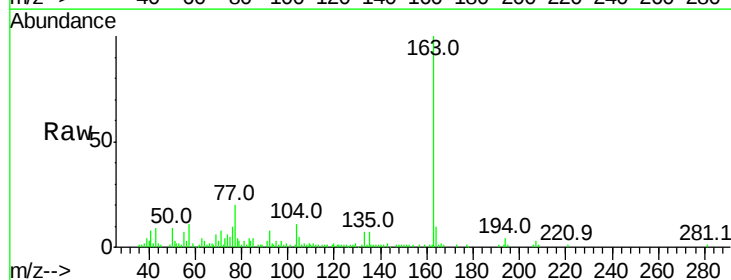
Instrument :
 BNA_M
 ClientSampleId :

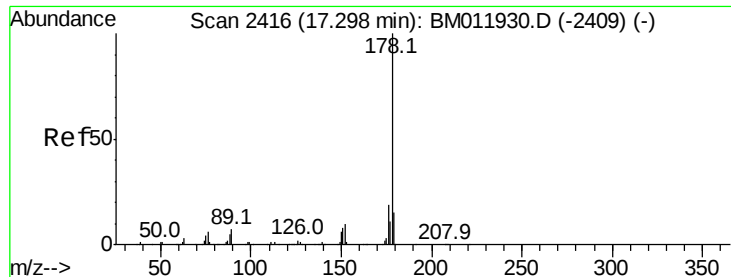
Tot Ion:113 Resp:24951412
 Ion Ratio Lower Upper
 113 100
 55 0.3 208.0 312.0#
 56 0.1 160.0 240.0#



#44
 Dimethylphthalate
 Concen: 2.106 ng/ul
 RT: 13.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BM011934.D
 Acq: 05 Oct 2017 20:08

Tgt Ion:163 Resp: 96773
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 10.0 8.2 12.4





#69

Phenanthrene

Concen: 4.005 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM011934.D

Acq: 05 Oct 2017 20:08

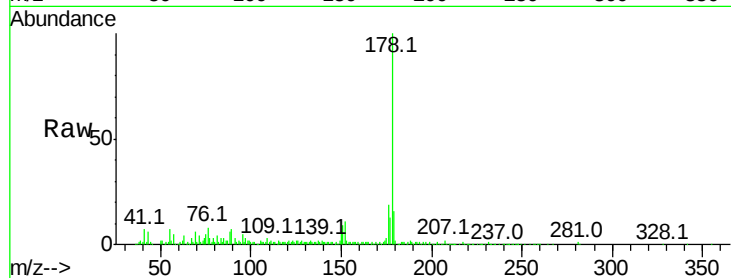
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 247791

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.9	14.9	22.3

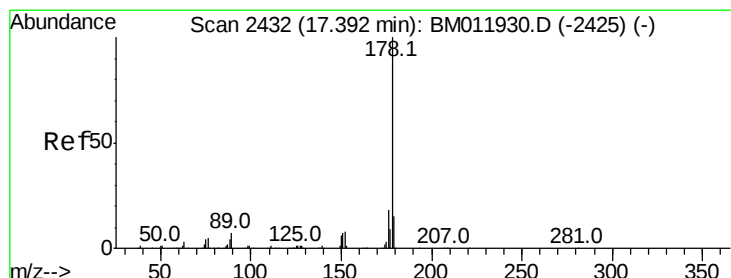
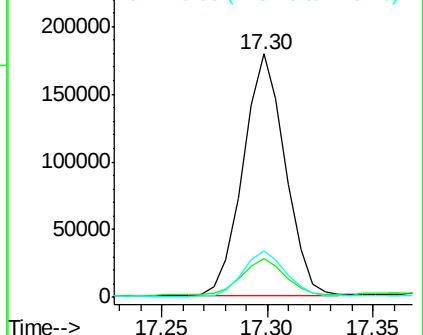
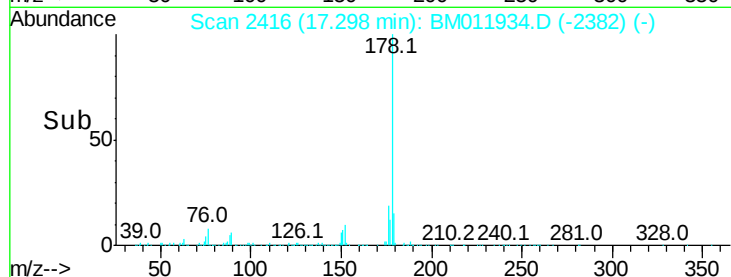


Abundance

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: 3.936 ng/ul

RT: 17.30 min Scan# 2416

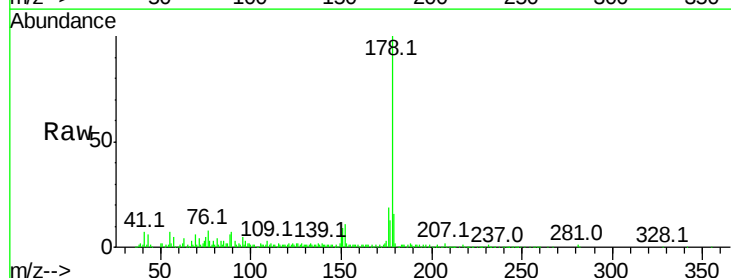
Delta R.T. -0.09 min

Lab File: BM011934.D

Acq: 05 Oct 2017 20:08

Tgt Ion:178 Resp: 247791

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	18.9	14.6	21.8

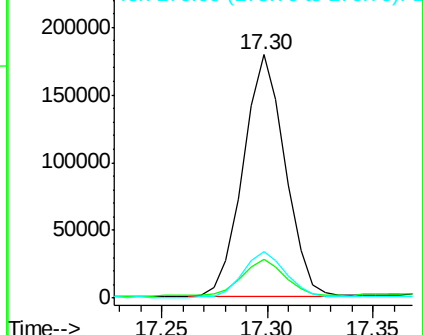
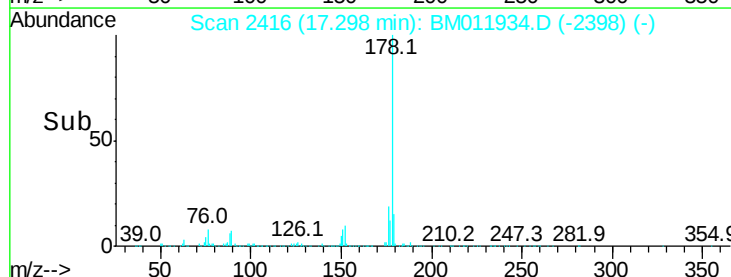


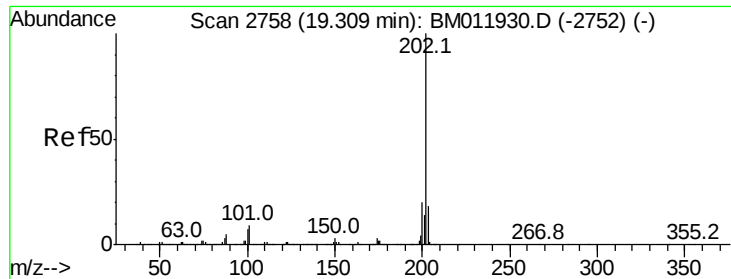
Abundance

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: 5.114 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011934.D

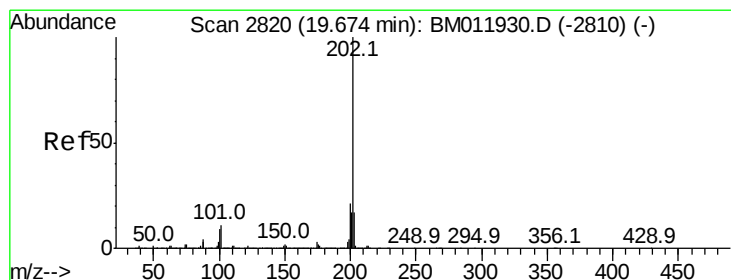
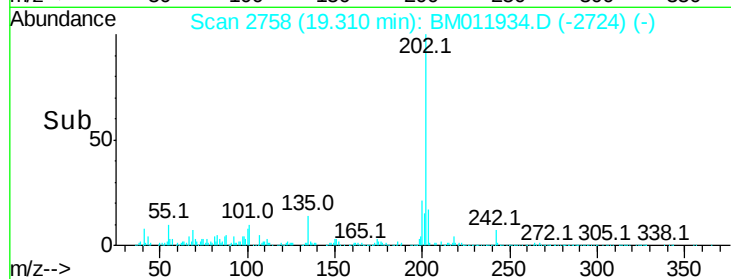
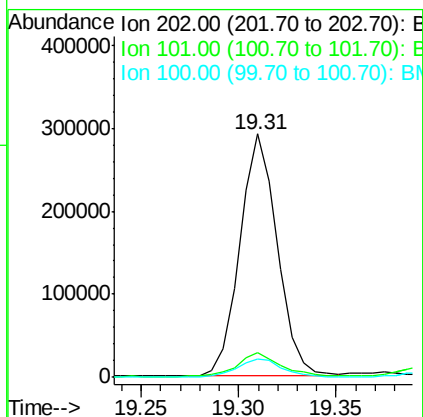
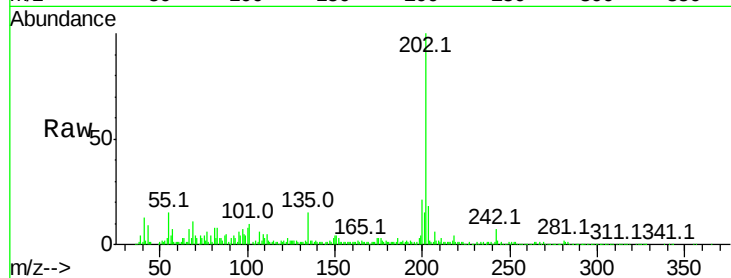
Acq: 05 Oct 2017 20:08

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	386012
Ion	Ratio	Lower	Upper
202	100		
101	10.1	4.6	7.0#
100	7.8	3.4	5.2#



#77

Pyrene

Concen: 5.518 ng/ul

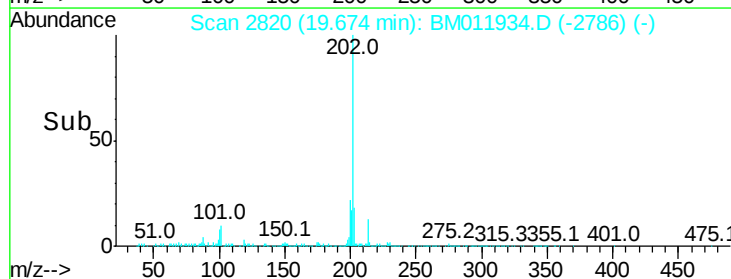
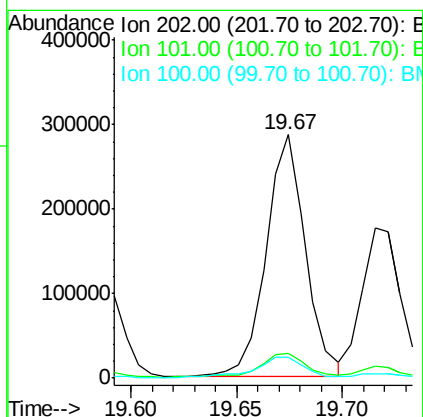
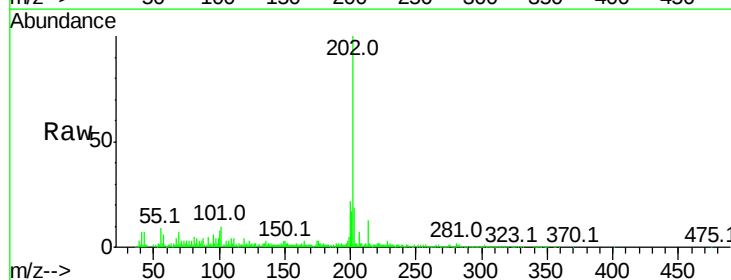
RT: 19.67 min Scan# 2820

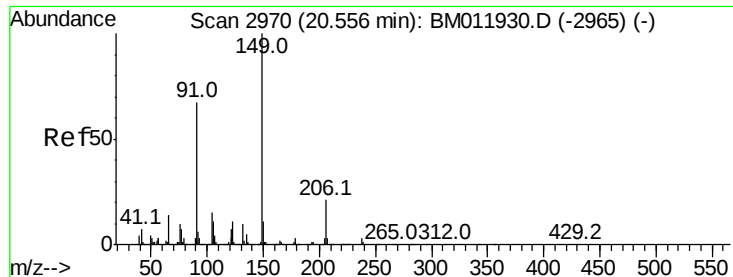
Delta R.T. 0.00 min

Lab File: BM011934.D

Acq: 05 Oct 2017 20:08

Tgt Ion:	202	Resp:	368758
Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.4	4.9	7.3#

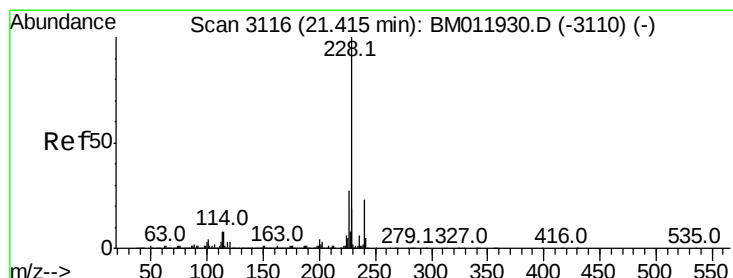
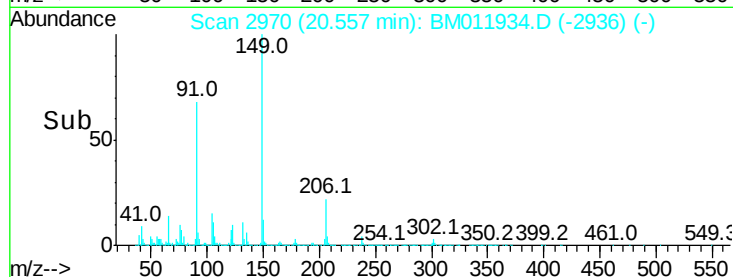
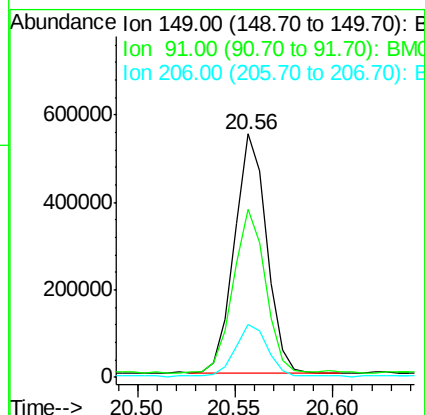
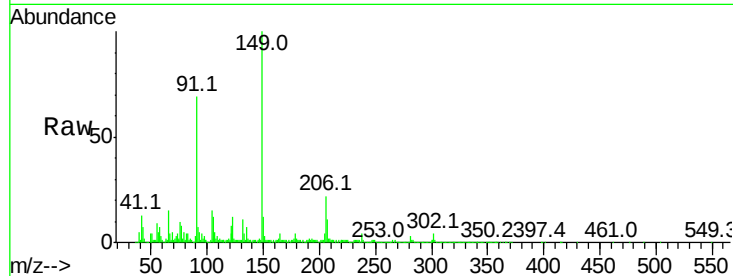




#78
Butylbenzylphthalate
Concen: 24.054 ng/ul
RT: 20.56 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

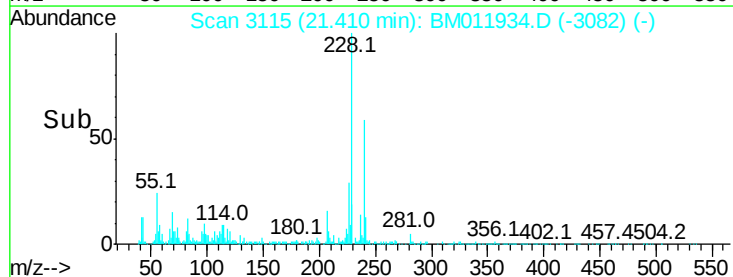
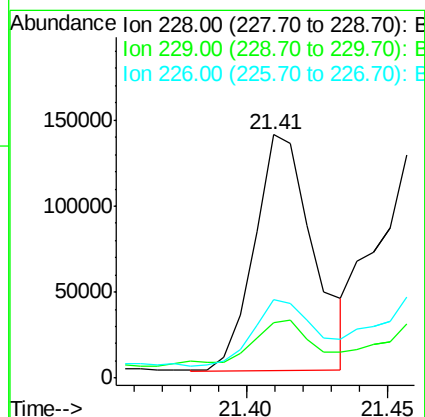
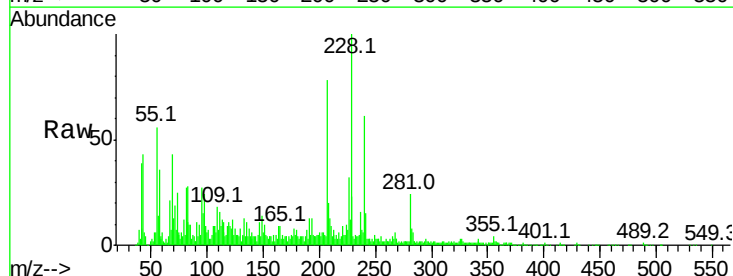
Instrument :
BNA_M
ClientSampleId :

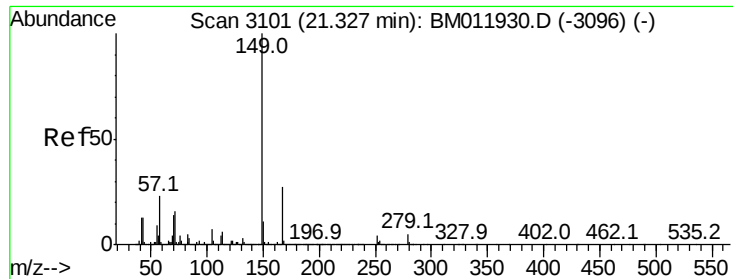
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	62.7	94.1
206	21.8	20.8	31.2



#80
Benzo(a)anthracene
Concen: 2.889 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.0
226	32.1	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 21.348 ng/ul

RT: 21.33 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM011934.D

Acq: 05 Oct 2017 20:08

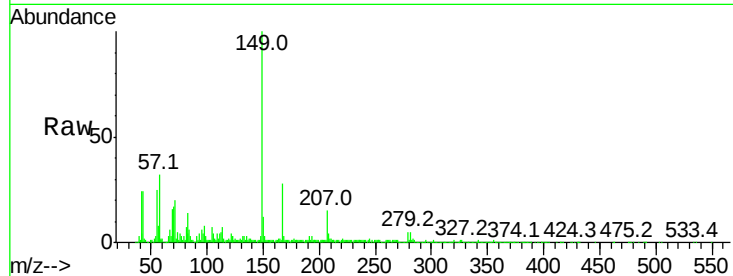
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 831390

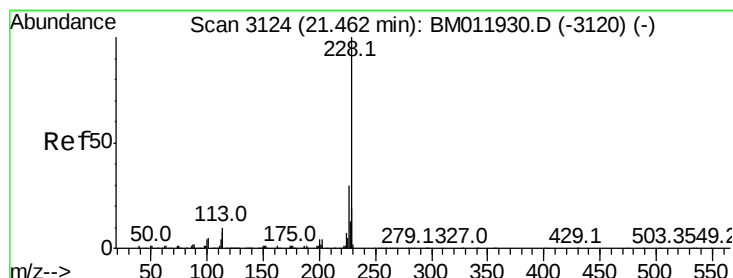
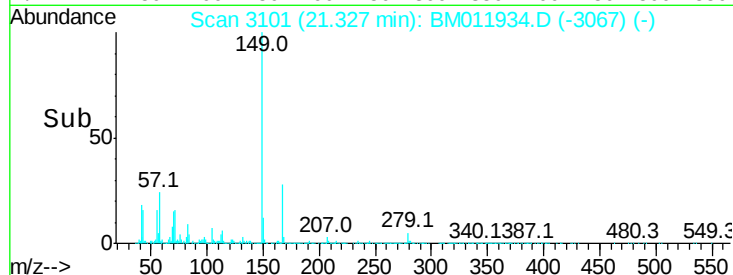
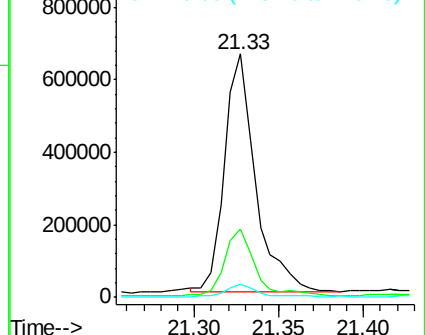
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.3	4.9	7.3



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: 4.349 ng/ul

RT: 21.46 min Scan# 3124

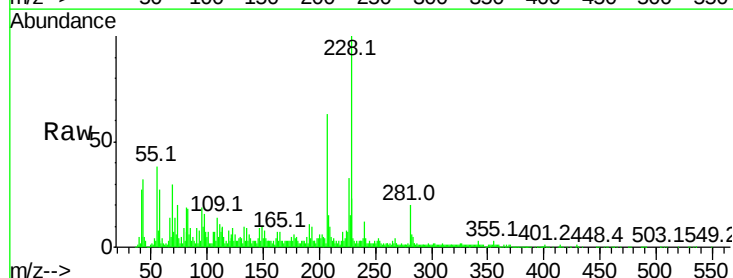
Delta R.T. 0.00 min

Lab File: BM011934.D

Acq: 05 Oct 2017 20:08

Tgt Ion:228 Resp: 285285

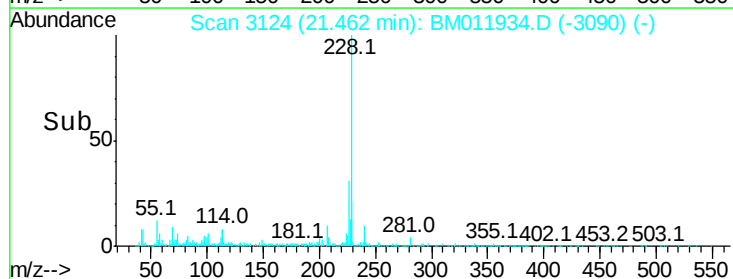
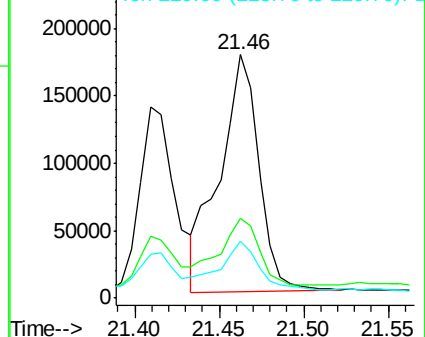
Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.2
229	23.1	15.5	23.3

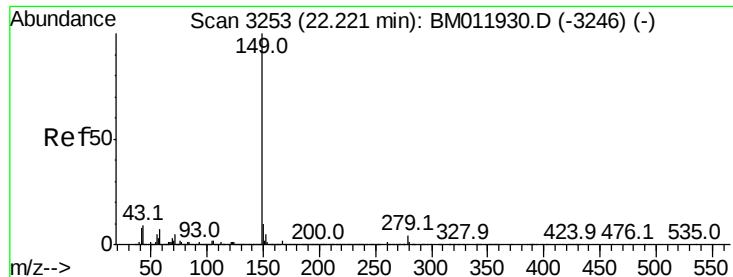


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

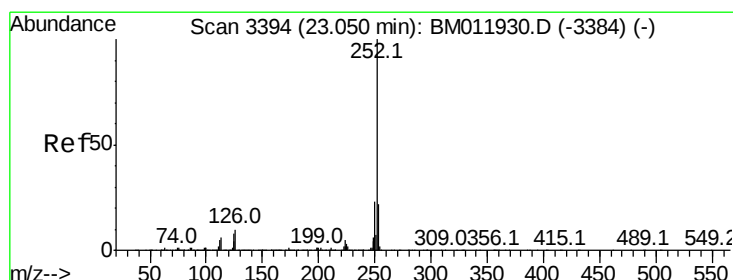
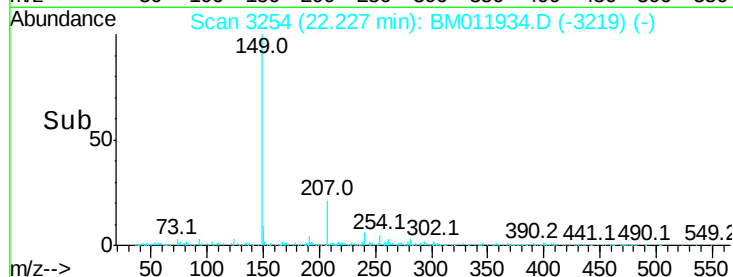
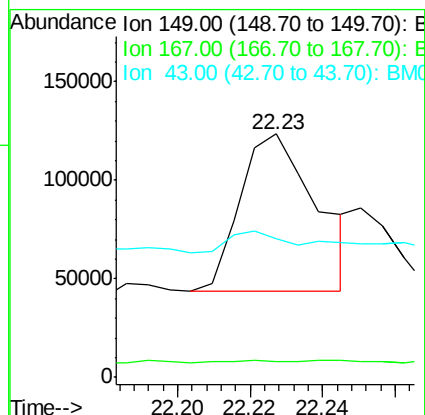
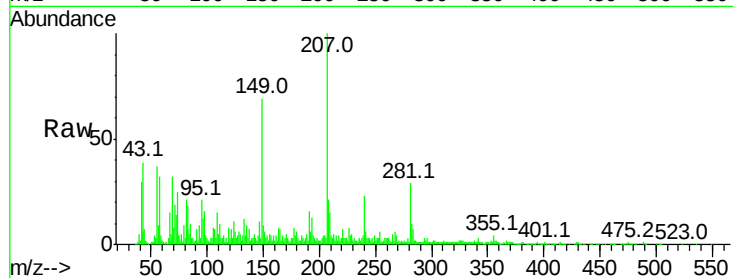




#84
Di-n-octyl phthalate
Concen: 1.526 ng/ul
RT: 22.23 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

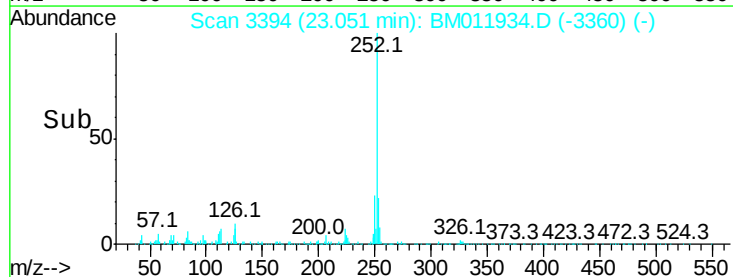
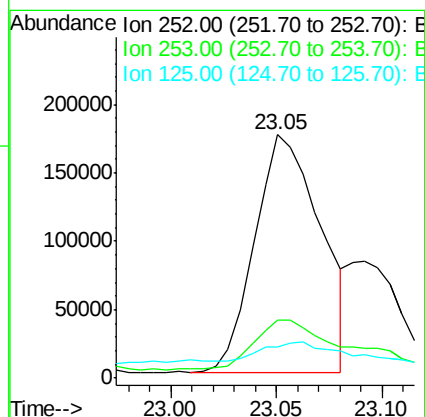
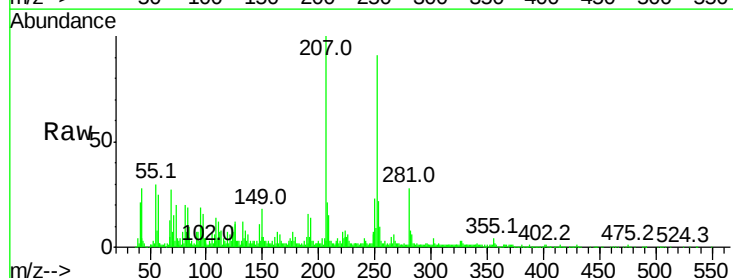
Instrument :
BNA_M
ClientSampleId :

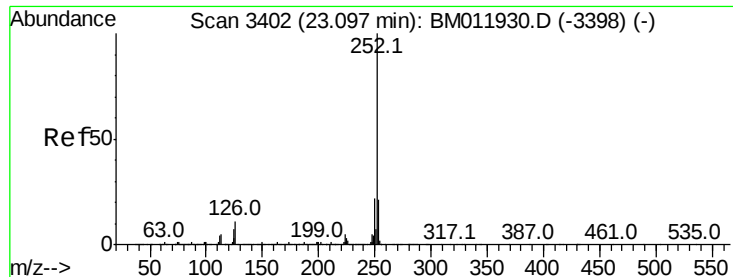
Tot Ion	Ratio	Lower	Upper
149	100		
167	6.4	1.3	1.9#
43	56.9	7.3	10.9#



#85
Benzo(b)fluoranthene
Concen: 4.698 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.00 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	13.0	3.6	5.4#

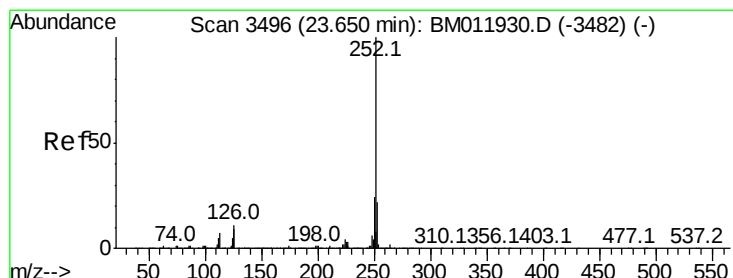
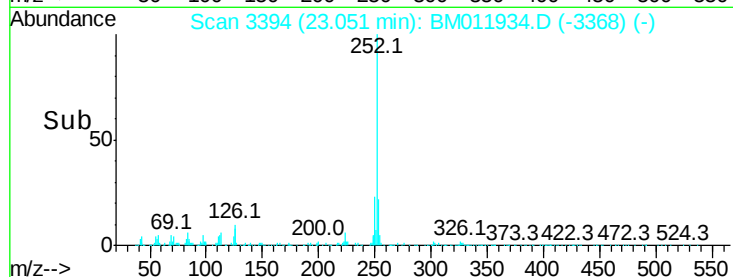
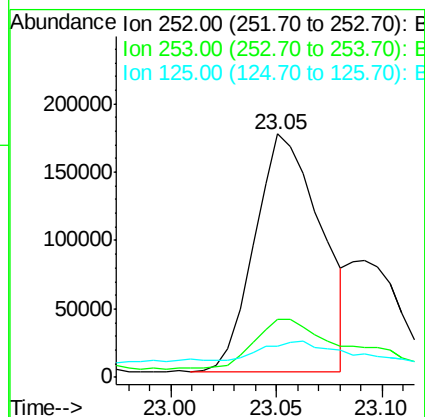
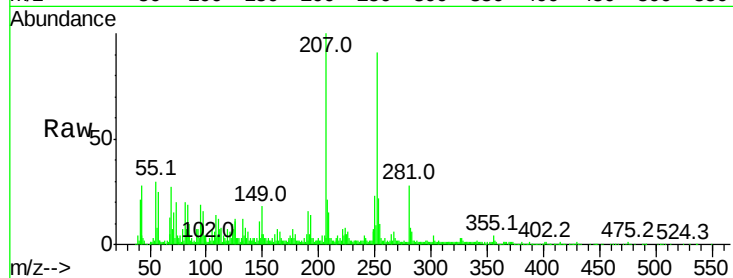




#86
Benzo(k)fluoranthene
Concen: 4.706 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. -0.05 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

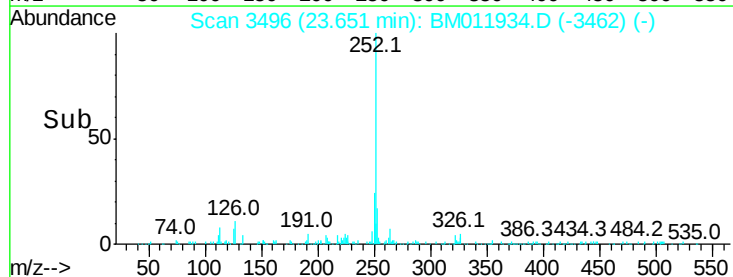
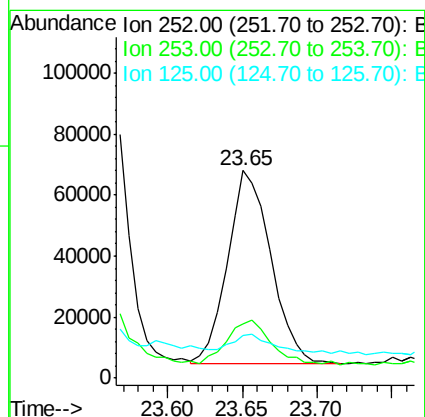
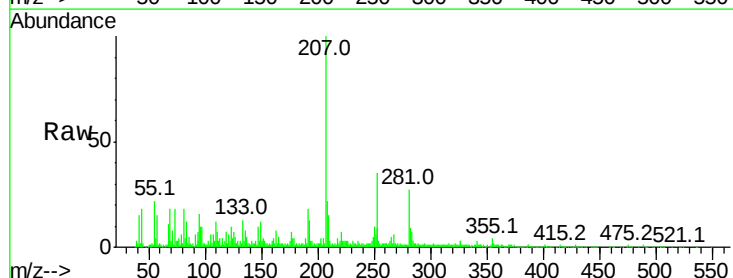
Instrument :
BNA_M
ClientSampleId :

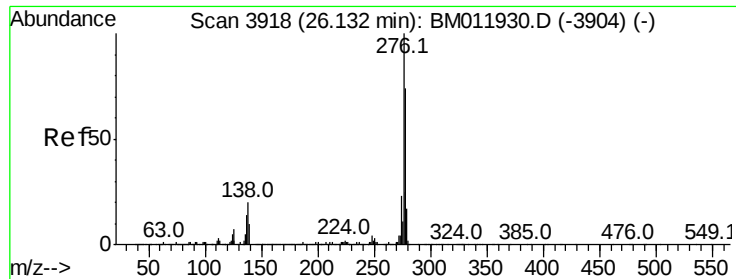
Tot Ion:252 Resp: 376418
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 13.0 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.673 ng/ul
RT: 23.65 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

Tgt Ion:252 Resp: 128770
Ion Ratio Lower Upper
252 100
253 26.0 18.2 27.2
125 20.4 4.0 6.0#



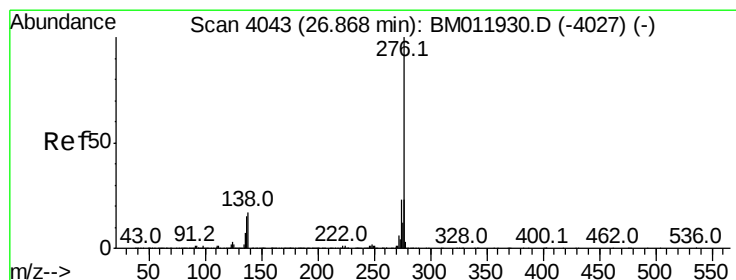
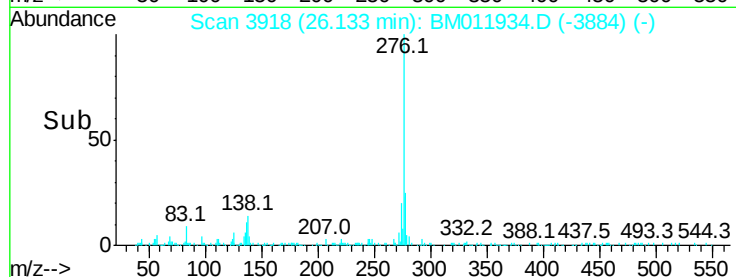
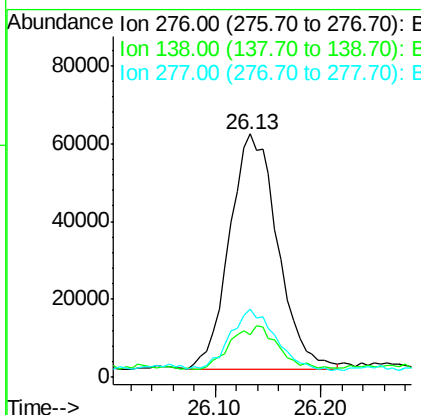
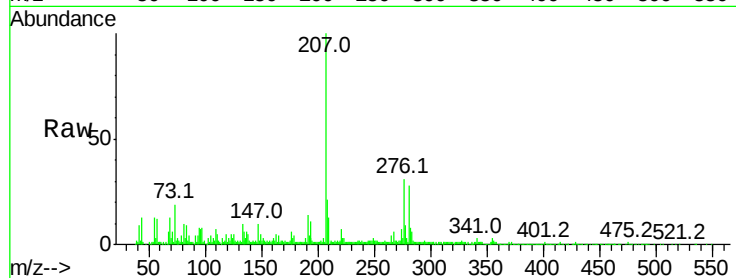


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.314 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	9.3	13.9#
277	28.0	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 2.763 ng/ul
RT: 26.87 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BM011934.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.5	12.7#
277	25.7	18.6	28.0

