

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
 Data File : BM011941.D
 Acq On : 06 Oct 2017 15:47
 Operator : SJ/JU
 Sample : I5449-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 07 04:16:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 04:15:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	229272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	933887	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	524909	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1130724	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1157003	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1268611	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	3917	0.81	ng/uL	0.00
5) Phenol-d5	7.02	99	58112	2.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	40389	3.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	55401	3.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	47065	2.76	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	23898	3.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	28571	3.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	53924	3.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	25410	1.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.91	166	183413	4.03	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	204048	3.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	11026	1.39	ng/ul	0.02
57) Fluorene-d10	15.50	176	152292	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	12321	1.62	ng/ul	0.00
70) Anthracene-d10	17.34	188	234736	4.21	ng/ul	0.00
76) Pyrene-d10	19.63	212	252450	4.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	245205	4.02	ng/ul	0.00

Target Compounds

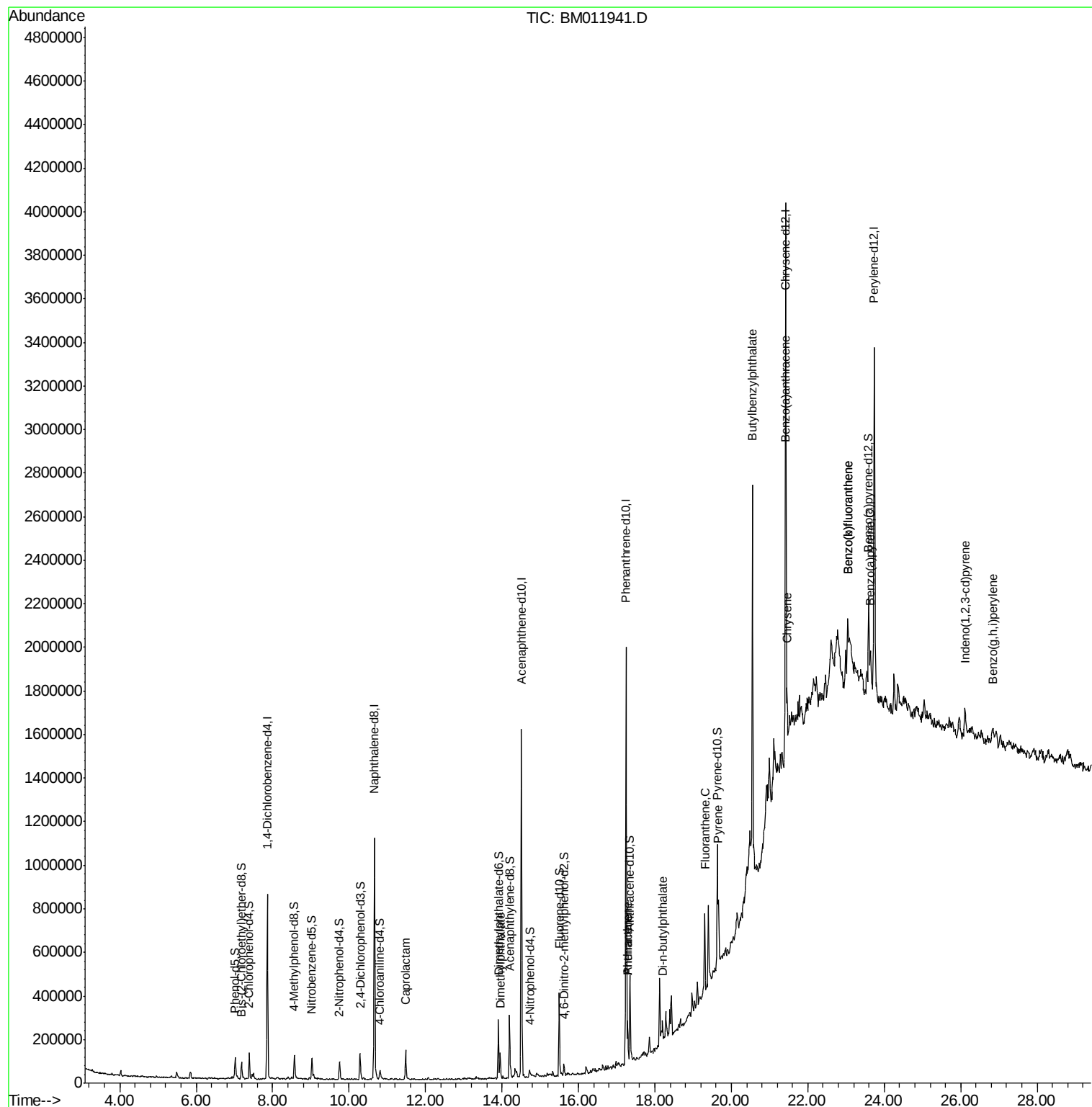
				Ovalue	
32) Caprolactam	11.48	113	9952	2.078	ng/ul# 1
44) Dimethylphthalate	13.96	163	75334	1.721	ng/ul 100
69) Phenanthrene	17.29	178	105950	1.703	ng/ul 98
71) Anthracene	17.29	178	105950	1.674	ng/ul 98
73) Di-n-butylphthalate	18.20	149	80489	1.225	ng/ul# 95
74) Fluoranthene	19.30	202	202634	2.670	ng/ul# 91
77) Pyrene	19.66	202	190217	2.965	ng/ul# 86
78) Butylbenzylphthalate	20.55	149	472347	18.796	ng/ul 88
80) Benzo(a)anthracene	21.40	228	115110	1.737	ng/ul# 93
82) Chrysene	21.46	228	109942	1.746	ng/ul# 90
85) Benzo(b)fluoranthene	23.04	252	152664	1.980	ng/ul# 85
86) Benzo(k)fluoranthene	23.04	252	152664	1.983	ng/ul# 83
88) Benzo(a)pyrene	23.64	252	109783	1.482	ng/ul# 85
89) Indeno(1,2,3-cd)pyrene	26.11	276	83246	1.050	ng/ul# 82
91) Benzo(g,h,i)perylene	26.84	276	77863	1.187	ng/ul# 79

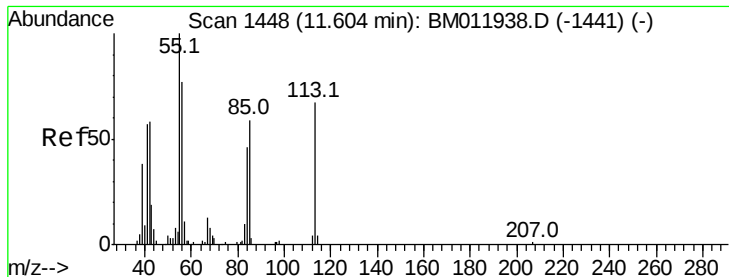
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 04:15:28 2017
Response via : Initial Calibration





#32

Caprolactam

Concen: 2.078 ng/ul

RT: 11.48 min Scan# 1427

Delta R.T. -0.12 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Instrument :

BNA_M

ClientSampleId :

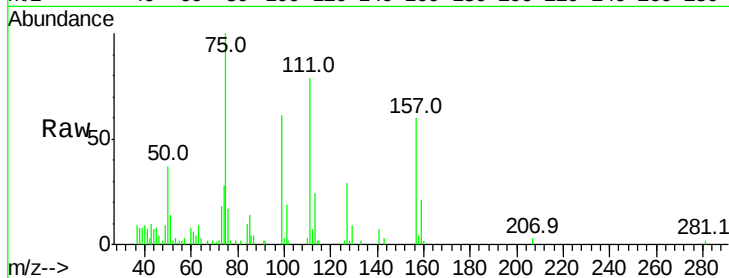
Tot Ion:113 Resp: 9952

Ion Ratio Lower Upper

113 100

55 7.8 208.0 312.0#

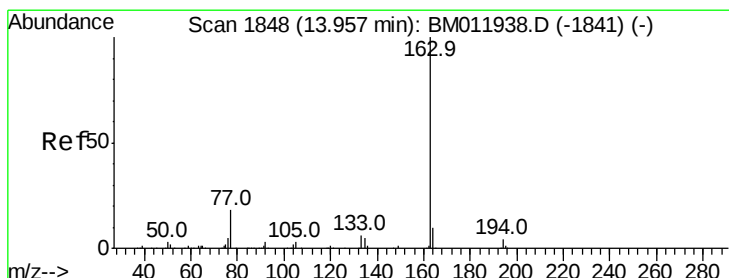
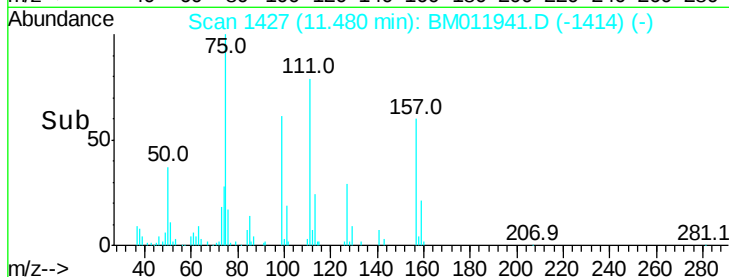
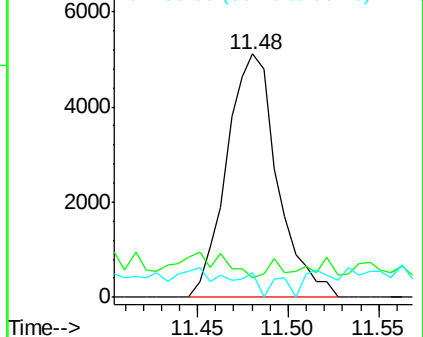
56 10.0 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#44

Dimethylphthalate

Concen: 1.721 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

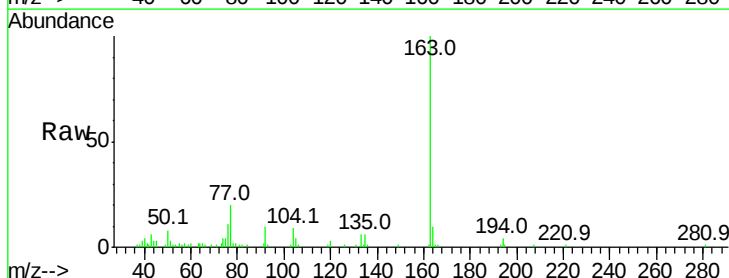
Tgt Ion:163 Resp: 75334

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

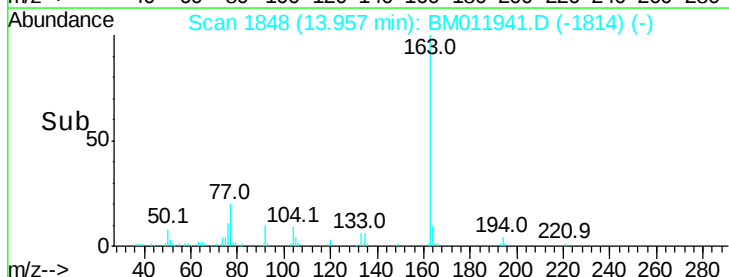
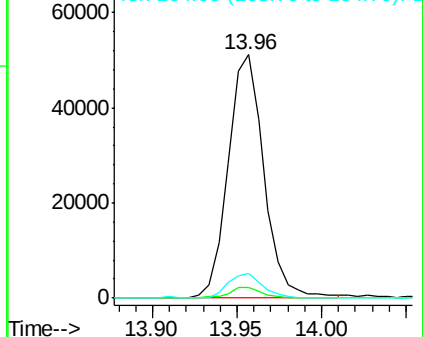
164 10.4 8.2 12.4

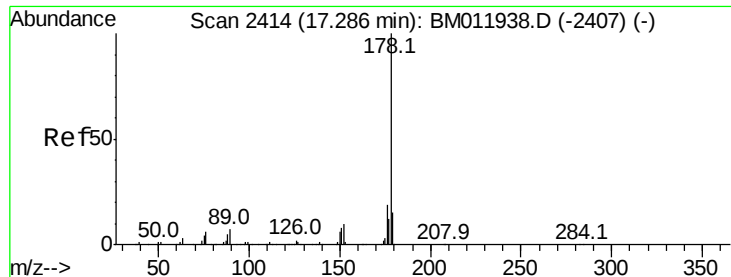


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.703 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

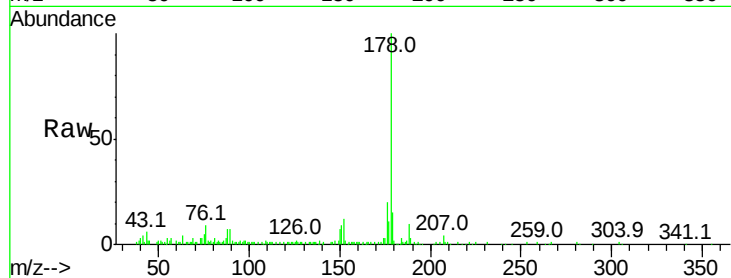
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 105950

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.6	14.9	22.3

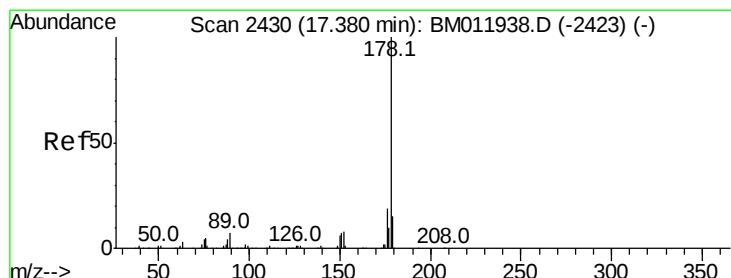
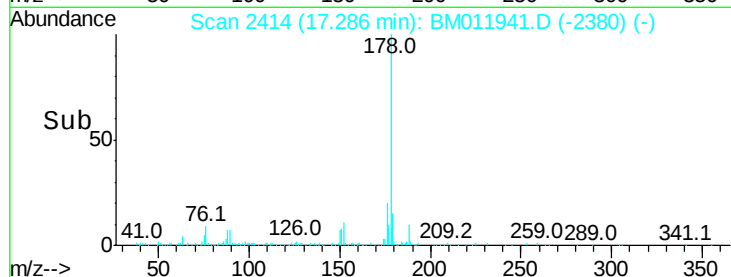
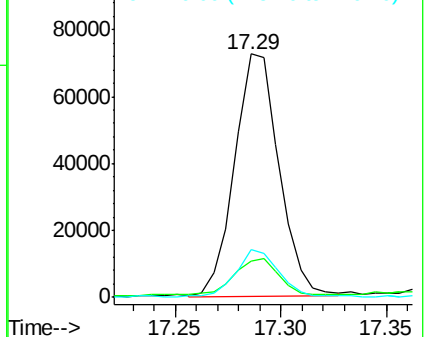


Abundance

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: 1.674 ng/ul

RT: 17.29 min Scan# 2414

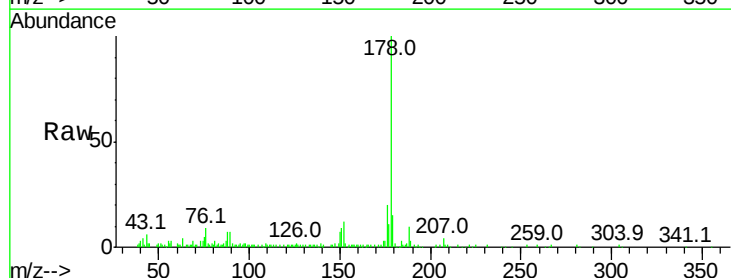
Delta R.T. -0.09 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Tgt Ion:178 Resp: 105950

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	19.6	14.6	21.8

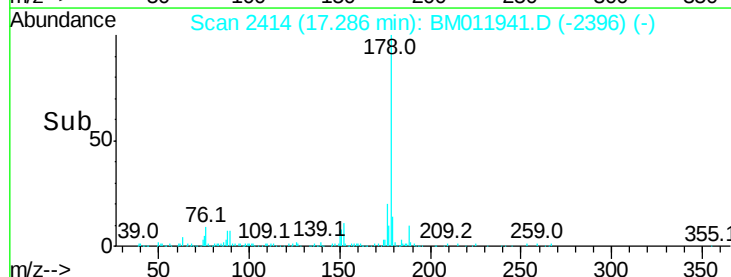
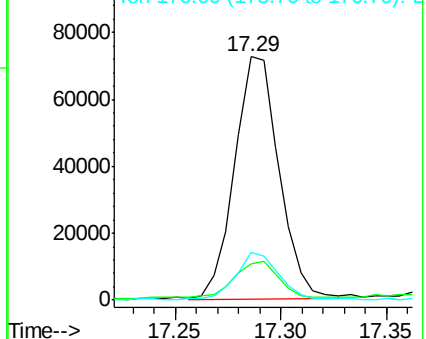


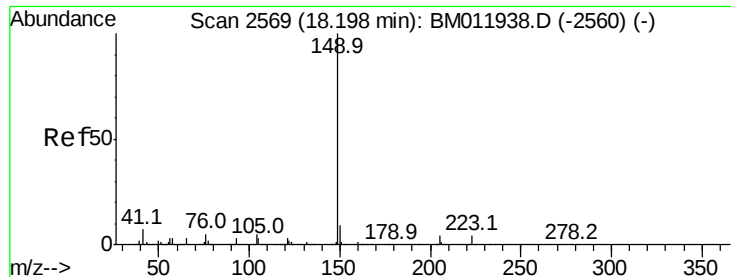
Abundance

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

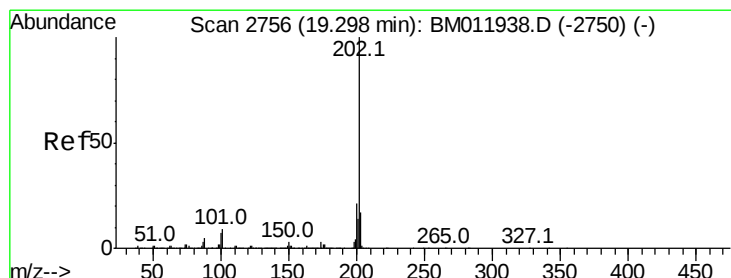
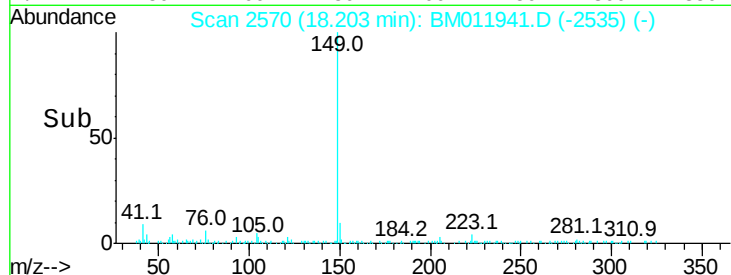
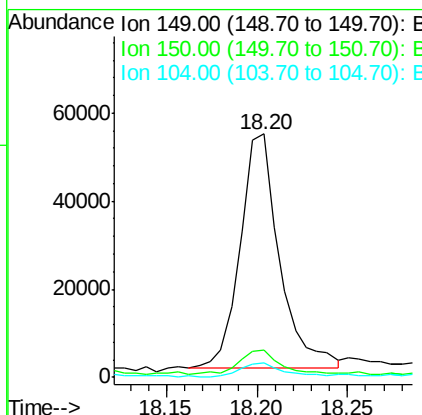
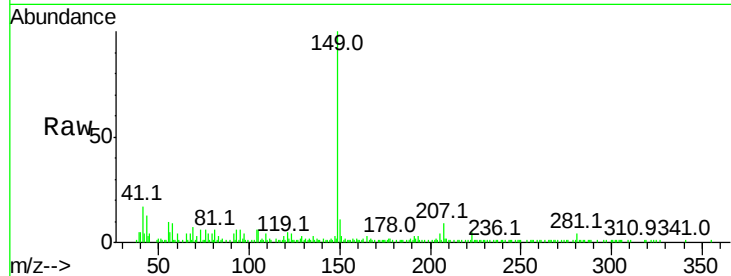




#73
Di-n-butylphthalate
Concen: 1.225 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM011941.D
Acq: 06 Oct 2017 15:47

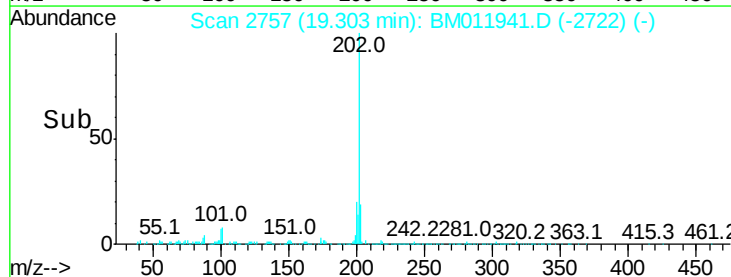
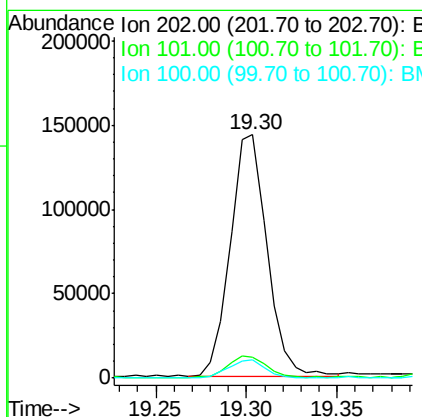
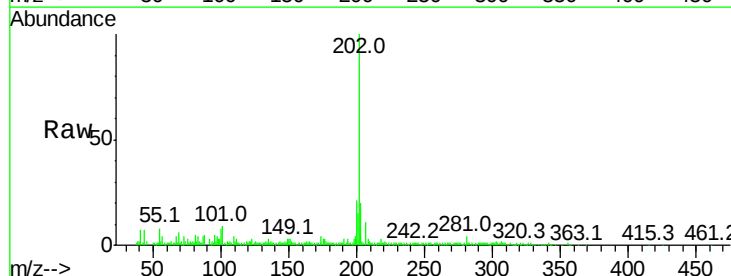
Instrument :
BNA_M
ClientSampleId :

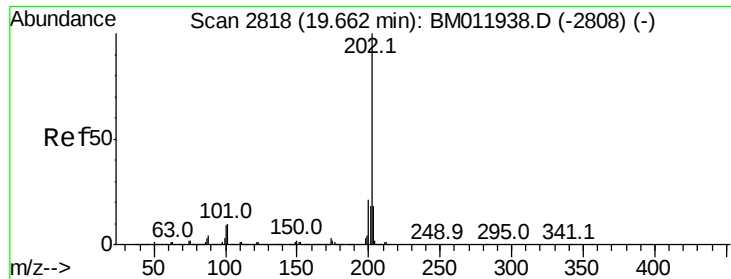
Tot Ion:149 Resp: 80489
Ion Ratio Lower Upper
149 100
150 11.3 7.1 10.7#
104 5.9 5.6 8.4



#74
Fluoranthene
Concen: 2.670 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM011941.D
Acq: 06 Oct 2017 15:47

Tgt Ion:202 Resp: 202634
Ion Ratio Lower Upper
202 100
101 8.5 4.6 7.0#
100 7.6 3.4 5.2#

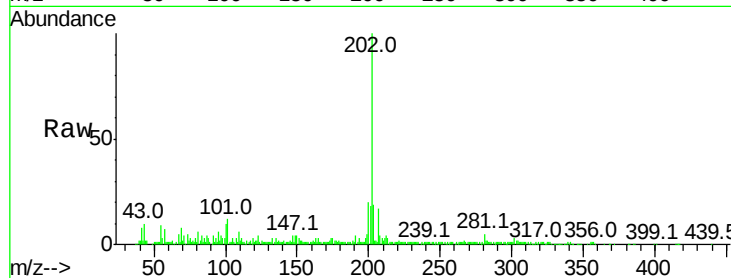




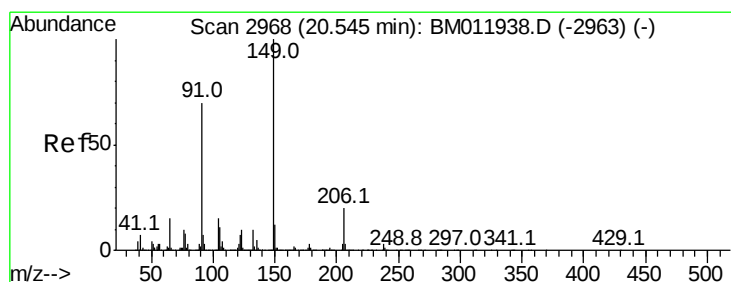
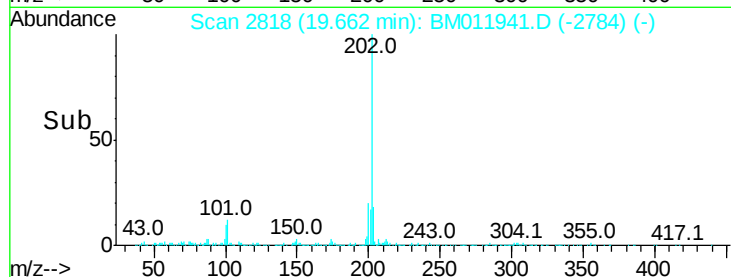
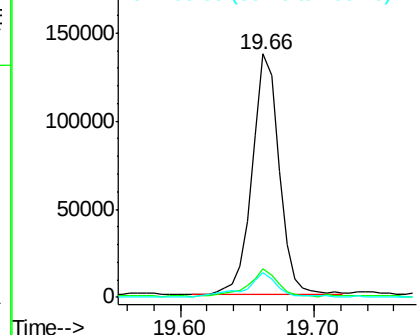
#77
 Pvrene
 Concen: 2.965 ng/ul
 RT: 19.66 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BM011941.D
 Acq: 06 Oct 2017 15:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	5.1	7.7#
100	10.4	4.9	7.3#

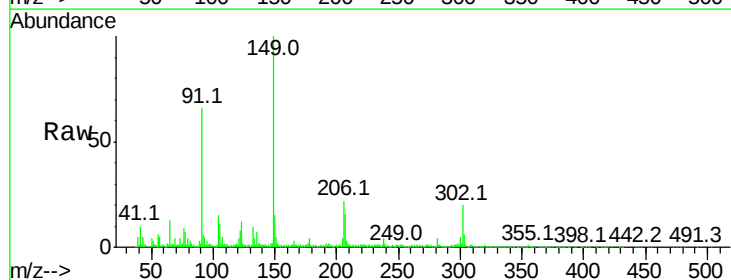


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

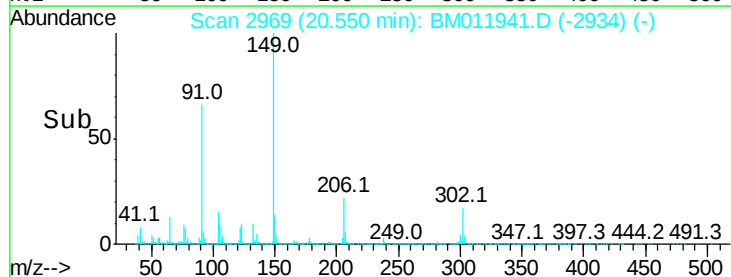
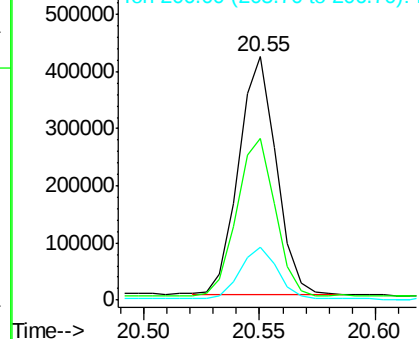


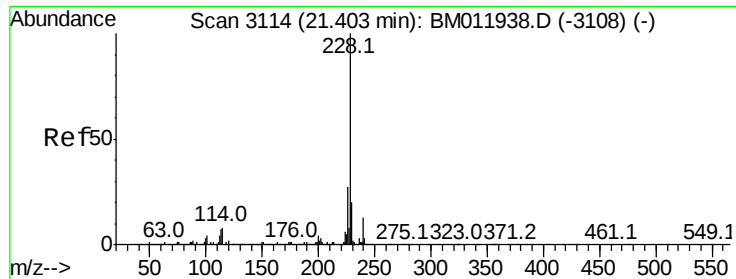
#78
 Butylbenzylphthalate
 Concen: 18.796 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. 0.01 min
 Lab File: BM011941.D
 Acq: 06 Oct 2017 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	62.7	94.1
206	21.9	20.8	31.2



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





#80

Benzo(a)anthracene

Concen: 1.737 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM011941.D

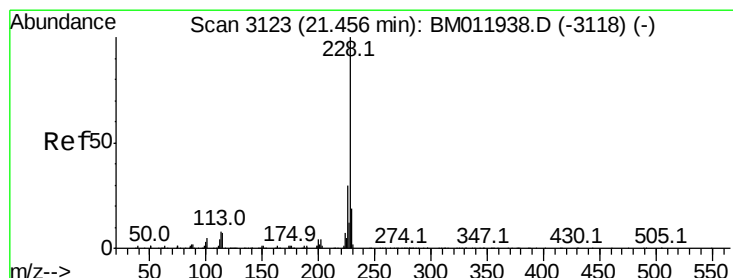
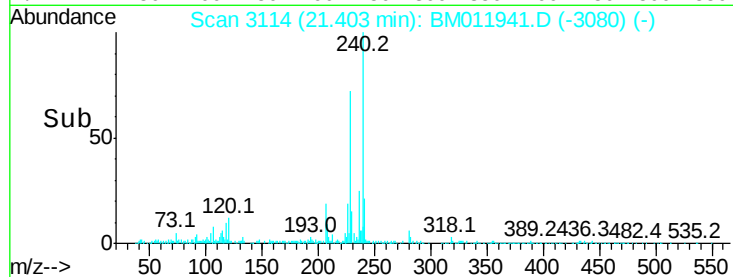
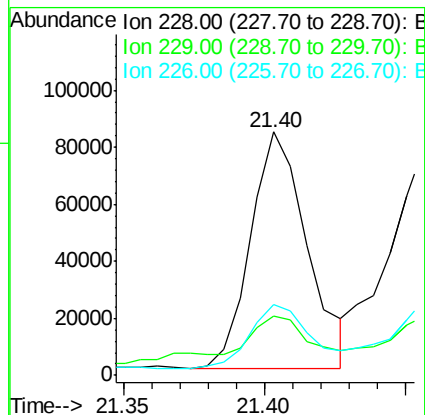
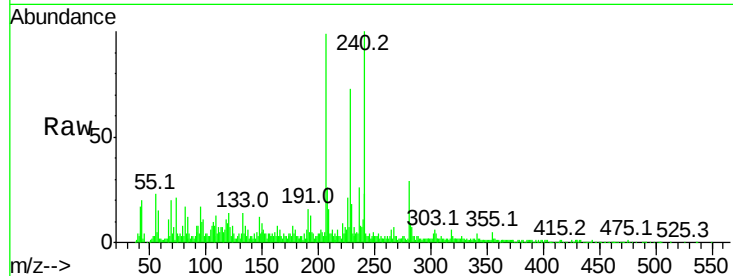
Acq: 06 Oct 2017 15:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	115110
Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.4	23.0#
226	29.0	21.4	32.0



#82

Chrysene

Concen: 1.746 ng/ul

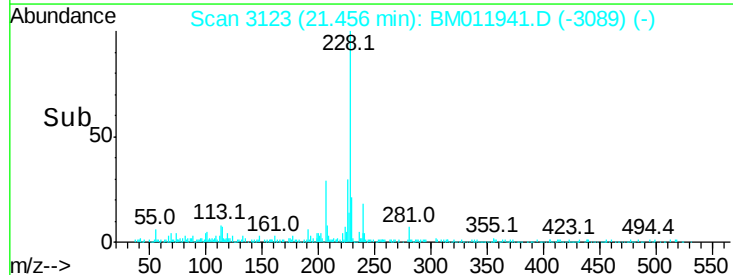
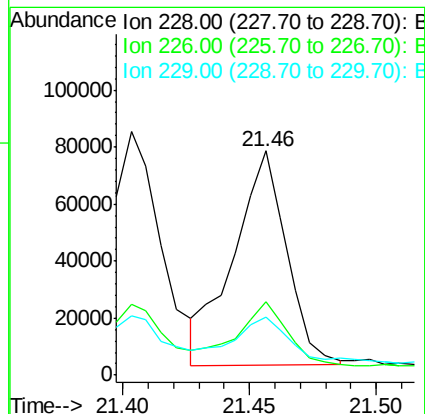
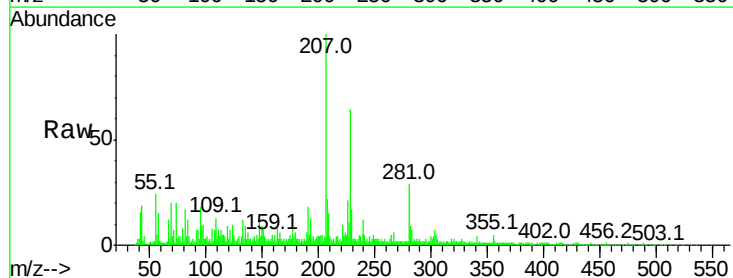
RT: 21.46 min Scan# 3123

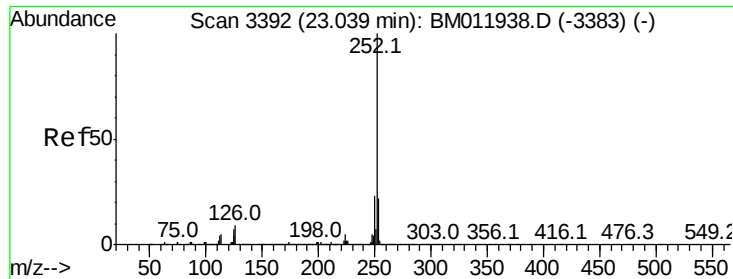
Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Tgt Ion:	228	Resp:	109942
Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.2
229	26.0	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 1.980 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Instrument :

BNA_M

ClientSampleId :

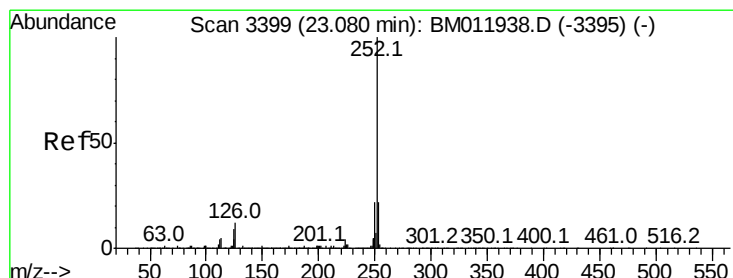
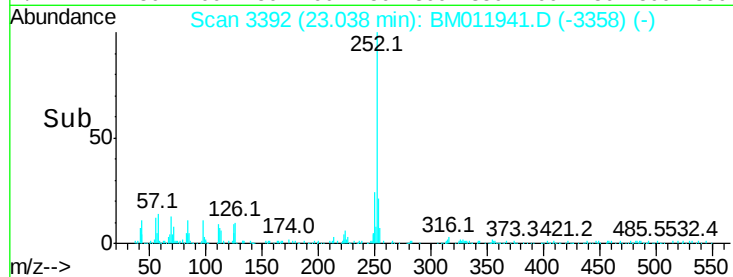
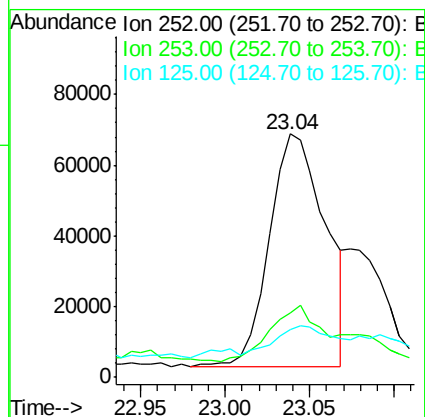
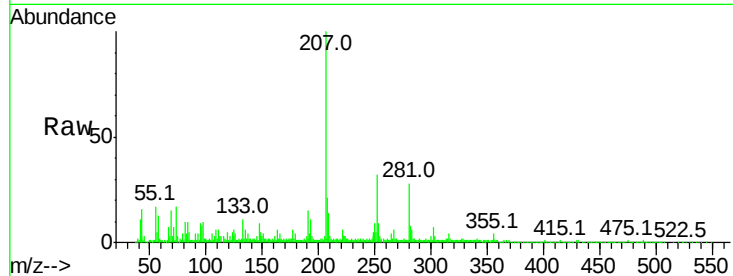
Tot Ion:252 Resp: 152664

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

125 19.7 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.983 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

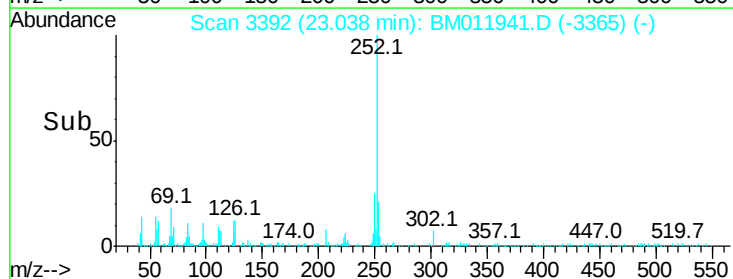
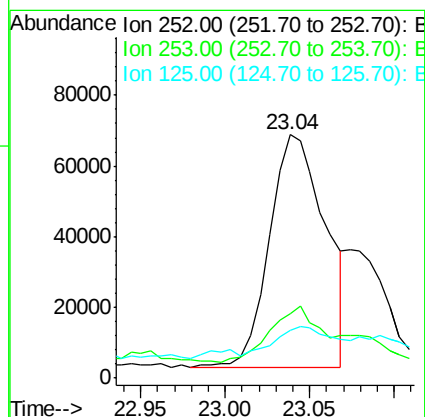
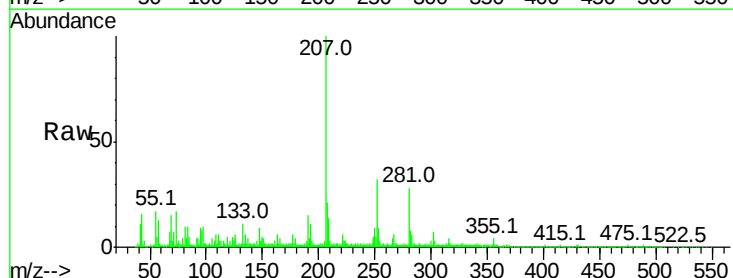
Tgt Ion:252 Resp: 152664

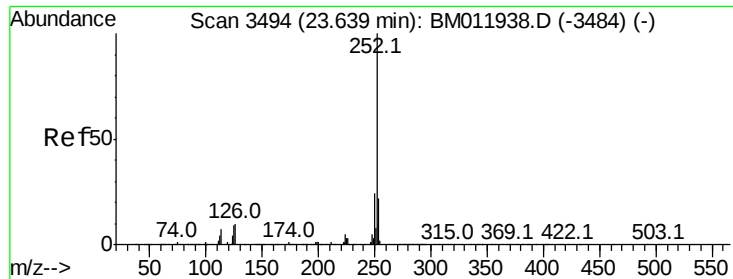
Ion Ratio Lower Upper

252 100

253 26.3 17.1 25.7#

125 19.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.482 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. -0.00 min

Lab File: BM011941.D

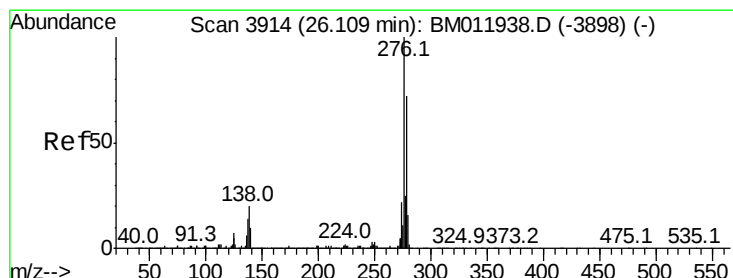
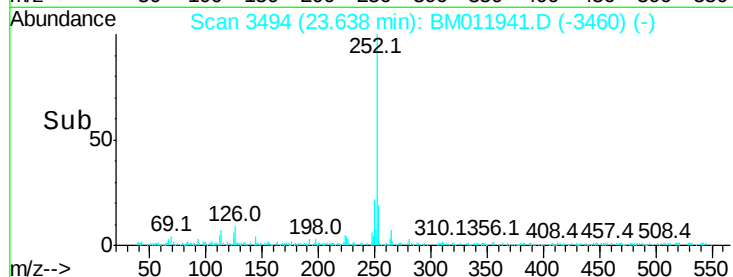
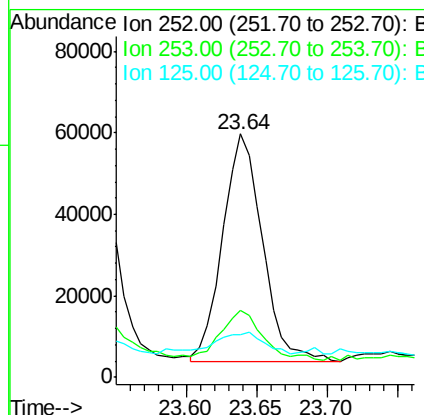
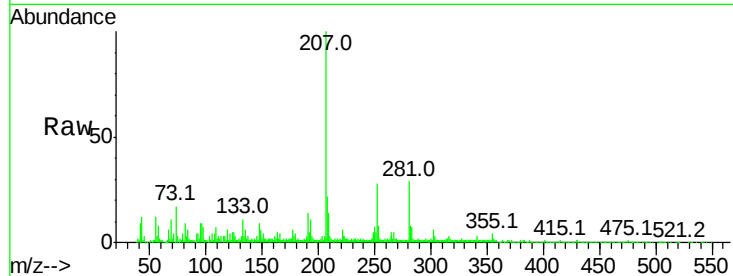
Acq: 06 Oct 2017 15:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	109783
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.2	27.2#
125	17.4	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.050 ng/ul

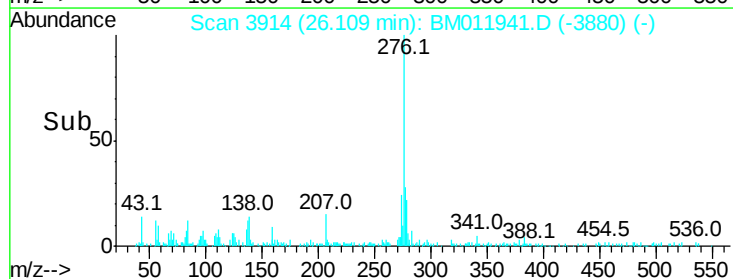
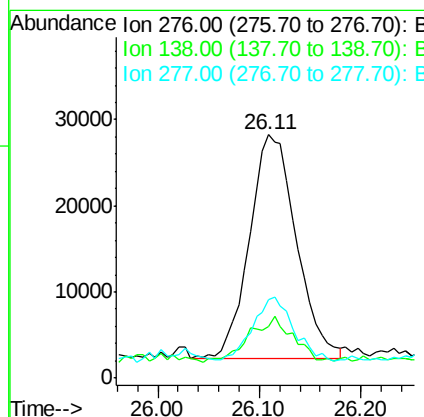
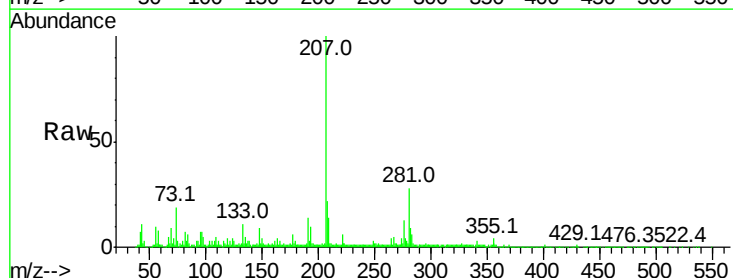
RT: 26.11 min Scan# 3914

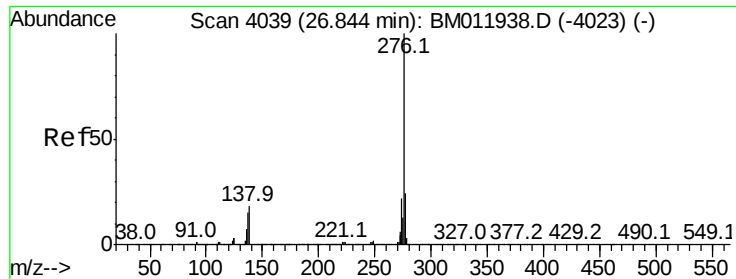
Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Tgt Ion:	276	Resp:	83246
Ion Ratio	Lower	Upper	
276	100		
138	21.2	9.3	13.9#
277	32.2	19.9	29.9#





#91

Benzo(a,h,i)perylene

Concen: 1.187 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. -0.00 min

Lab File: BM011941.D

Acq: 06 Oct 2017 15:47

Instrument :

BNA_M

ClientSampleId :

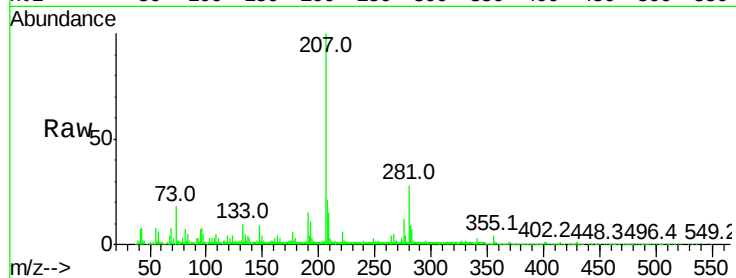
Tot Ion:276 Resp: 77863

Ion Ratio Lower Upper

276 100

138 24.4 8.5 12.7#

277 30.4 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

