

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017120.D
 Acq On : 11 Oct 2018 11:27
 Operator : MJ/SJ
 Sample : J5368-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:47:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	258708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1226837	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	692119	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1542700	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1220176	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1149590	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	12473	2.40	ng/uL	0.00
5) Phenol-d5	6.87	99	332003	15.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	205436	15.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	291747	16.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	293694	17.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	150389	16.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	154630	16.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	299606	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	354745	15.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	962467	17.53	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1258573	17.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	11873	1.14	ng/ul	0.00
58) Fluorene-d10	15.33	176	891210	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	6801	0.75	ng/ul	0.00
71) Anthracene-d10	17.18	188	1315403	17.85	ng/ul	0.00
79) Pyrene-d10	19.47	212	1292554	23.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1087378	18.48	ng/ul	0.00

Target Compounds

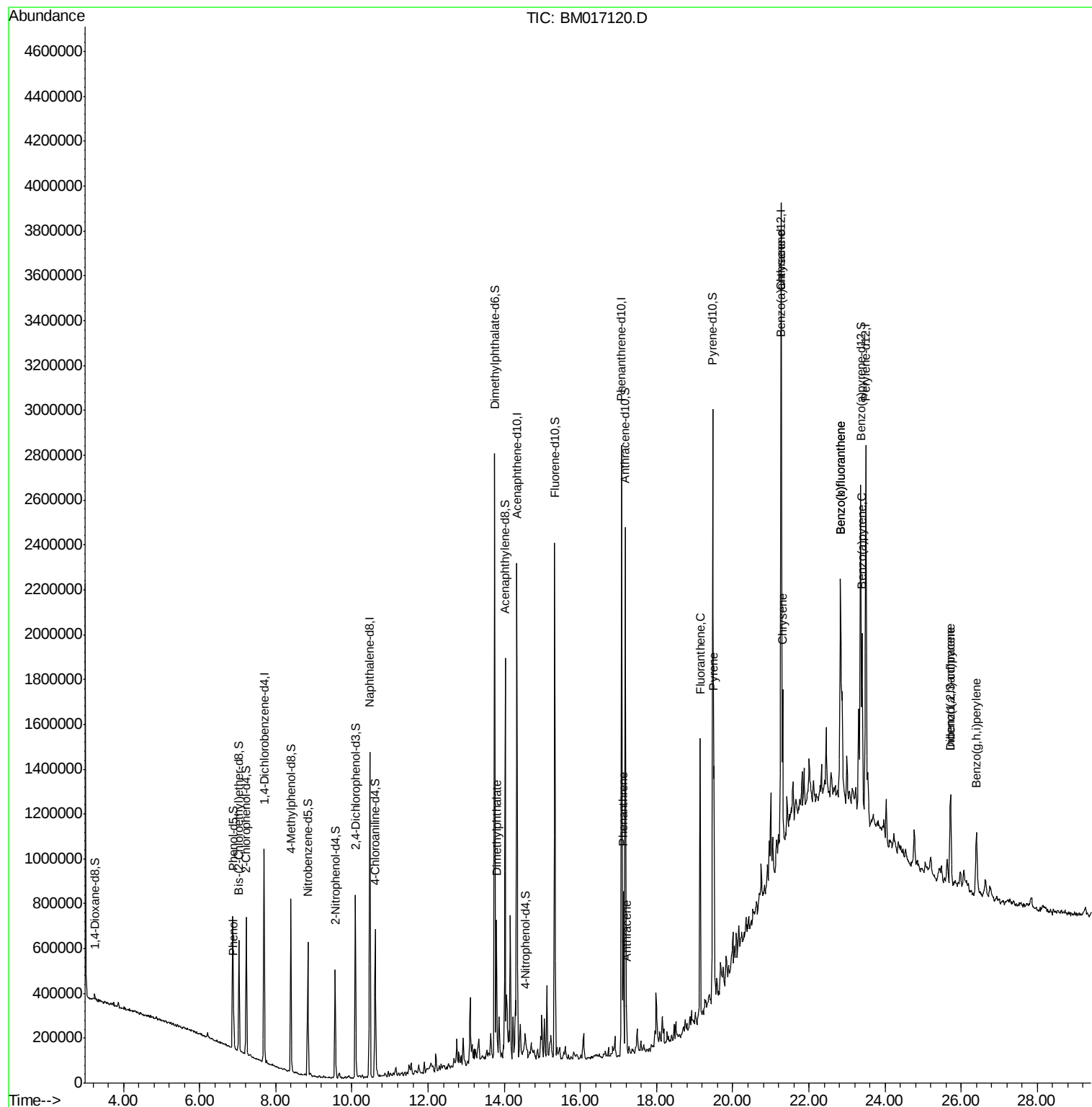
					Ovalue
6) Phenol	6.89	94	76674	3.544	ng/ul 97
45) Dimethylphthalate	13.79	163	376810	6.930	ng/ul 99
70) Phenanthrene	17.12	178	409994	4.740	ng/ul 99
72) Anthracene	17.21	178	113595	1.292	ng/ul 98
77) Fluoranthene	19.14	202	764547	7.631	ng/ul 100
80) Pyrene	19.50	202	675314	9.552	ng/ul 98
83) Benzo(a)anthracene	21.26	228	421501	5.758	ng/ul 98
85) Chrysene	21.31	228	427973	6.045	ng/ul 97
88) Benzo(b)fluoranthene	22.83	252	748643	10.936	ng/ul# 95
89) Benzo(k)fluoranthene	22.83	252	748643	11.384	ng/ul# 95
91) Benzo(a)pyrene	23.40	252	493158	7.475	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.72	276	376890	4.839	ng/ul 96
93) Dibenzo(a,h)anthracene	25.73	278	99576	1.536	ng/ul# 90
94) Benzo(g,h,i)perylene	26.40	276	319531	4.927	ng/ul 98

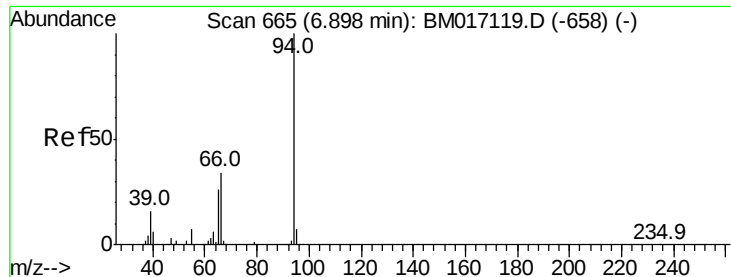
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.544 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Instrument :

BNA_M

ClientSampleId :

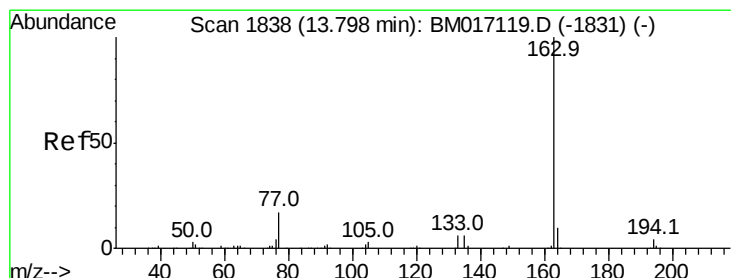
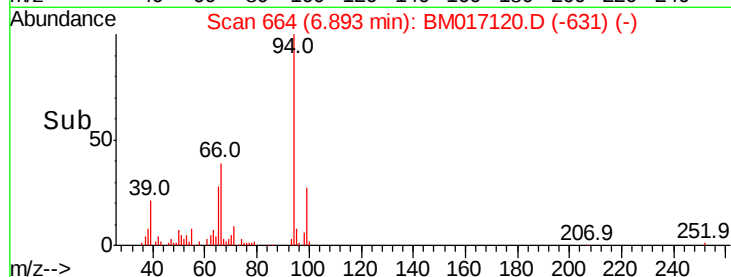
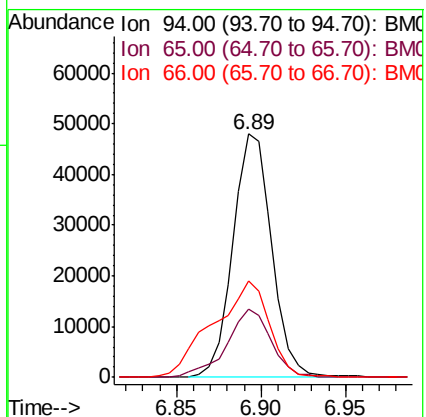
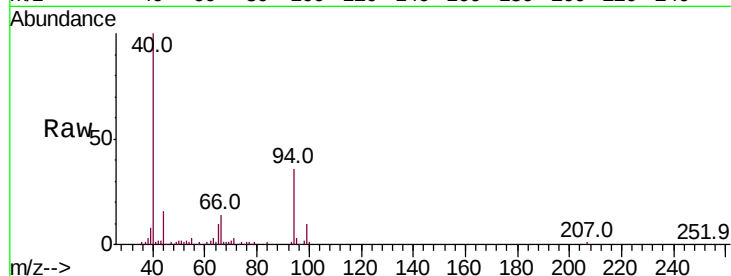
Tot Ion: 94 Resp: 76674

Ion Ratio Lower Upper

94 100

65 28.1 22.8 34.2

66 39.5 29.5 44.3



#45

Dimethylphthalate

Concen: 6.930 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

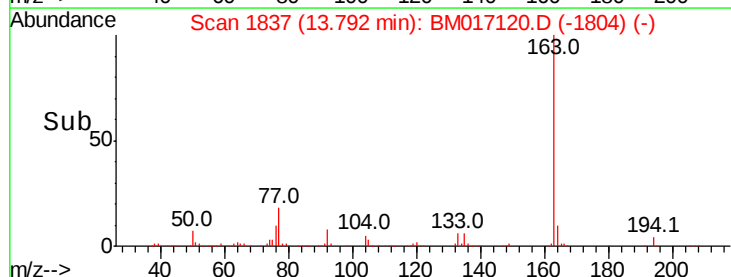
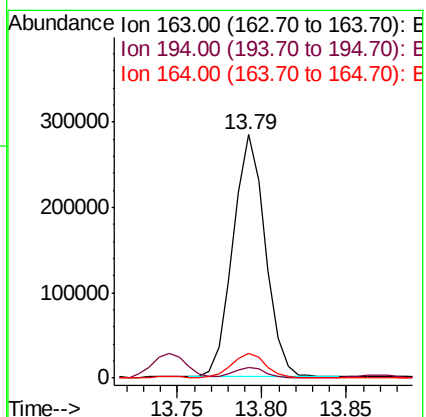
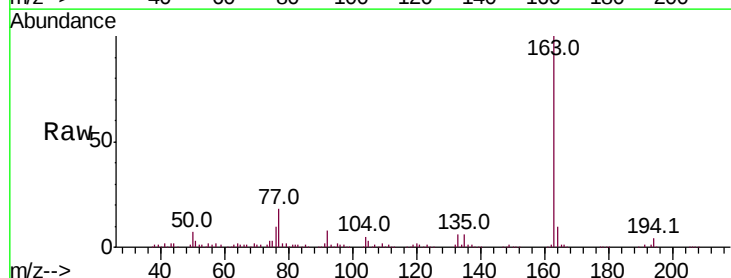
Tgt Ion: 163 Resp: 376810

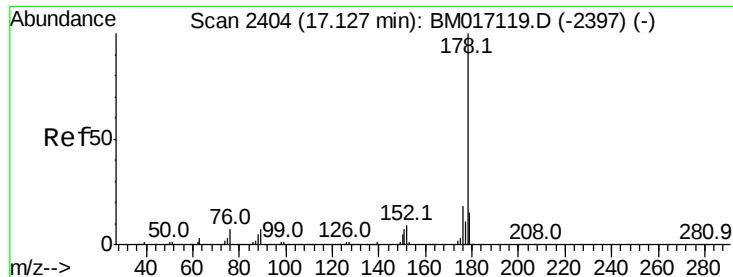
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.0 12.0





#70

Phenanthrene

Concen: 4.740 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

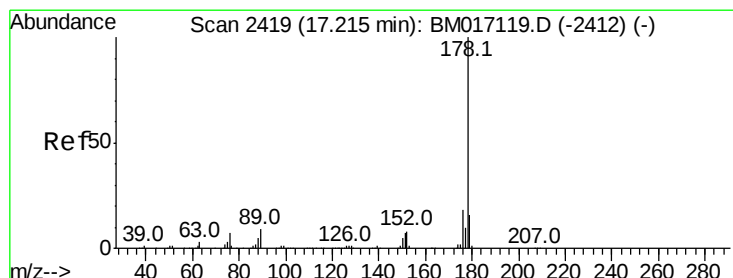
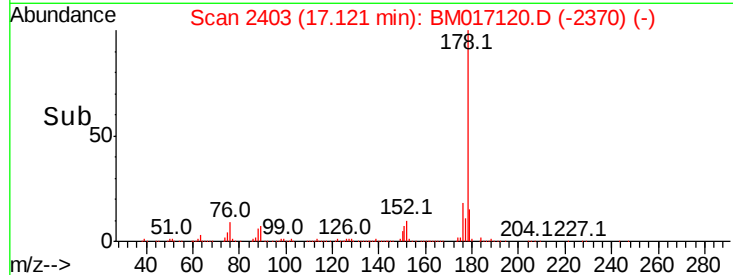
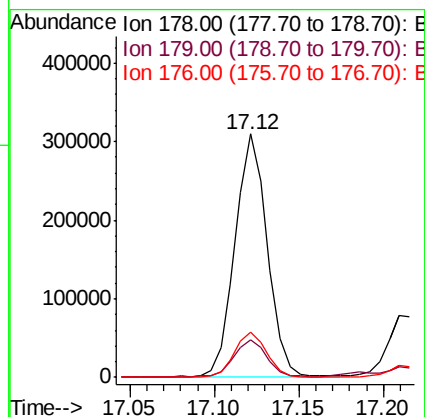
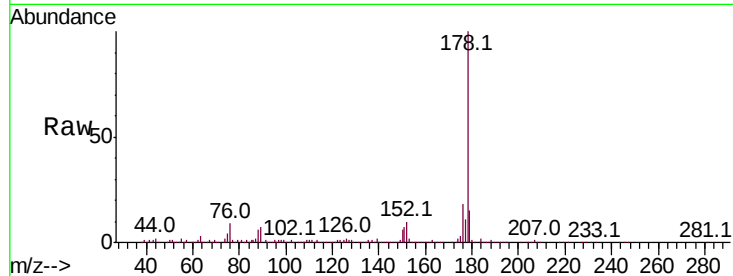
Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 409994

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.4	15.0	22.4



#72

Anthracene

Concen: 1.292 ng/ul

RT: 17.21 min Scan# 2418

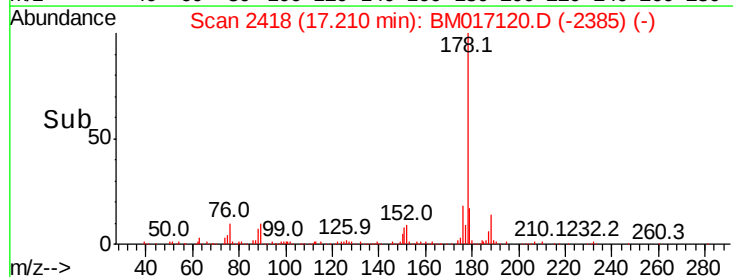
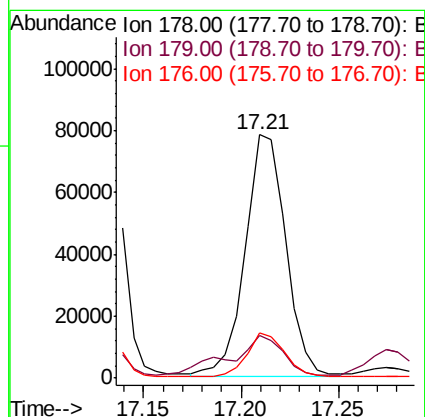
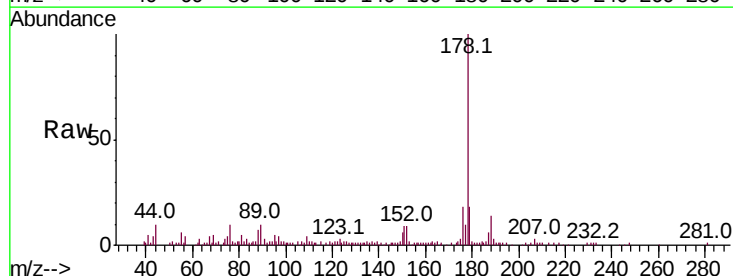
Delta R.T. -0.01 min

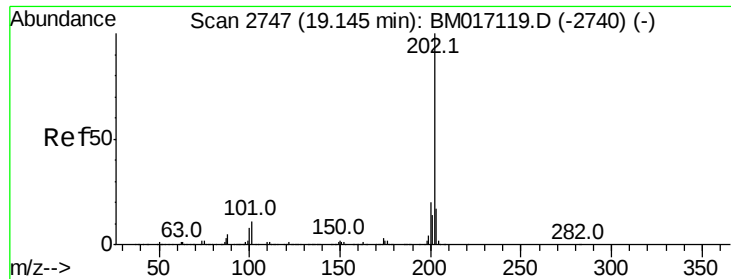
Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Tgt Ion:178 Resp: 113595

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.2	18.4
176	18.4	14.6	22.0

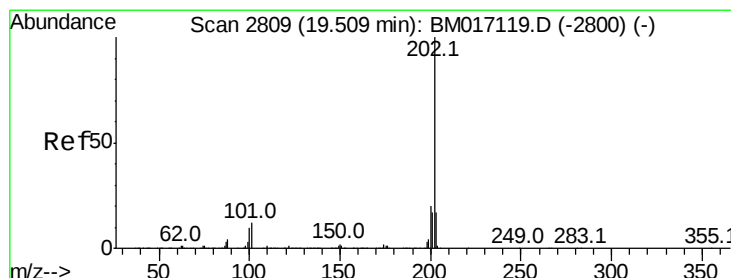
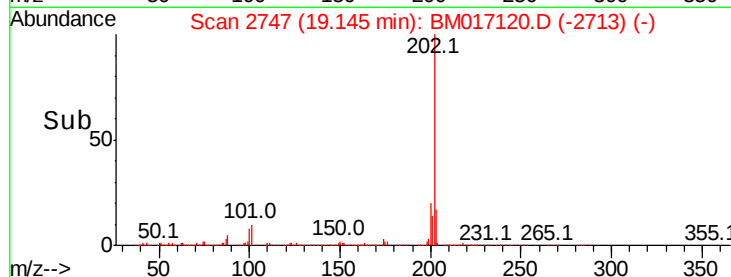
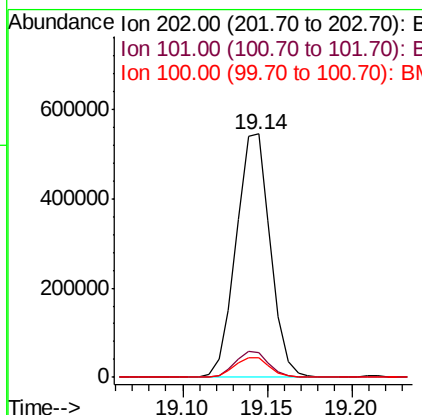
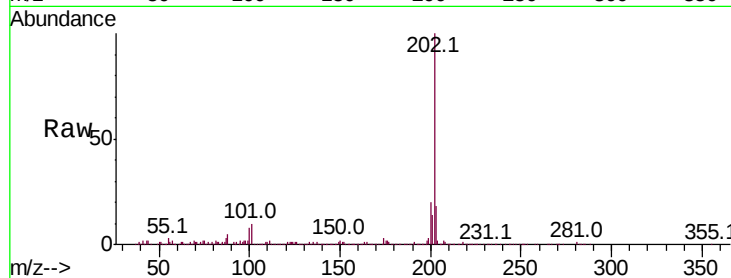




#77
 Fluoranthene
 Concen: 7.631 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM017120.D
 Acq: 11 Oct 2018 11:27

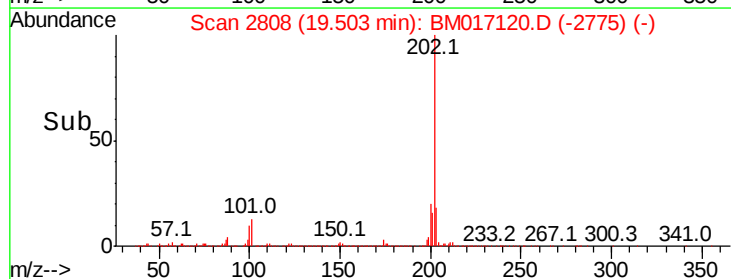
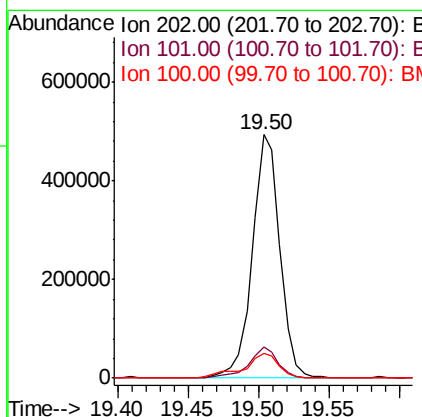
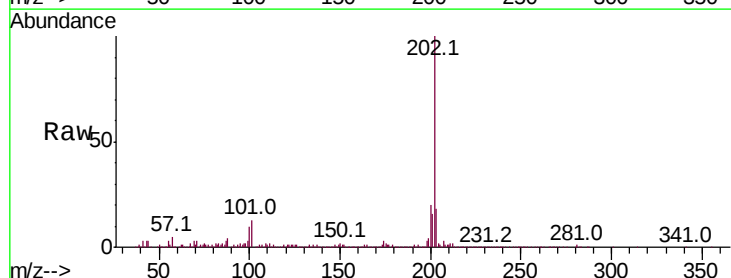
Instrument :
 BNA_M
 ClientSampleId :

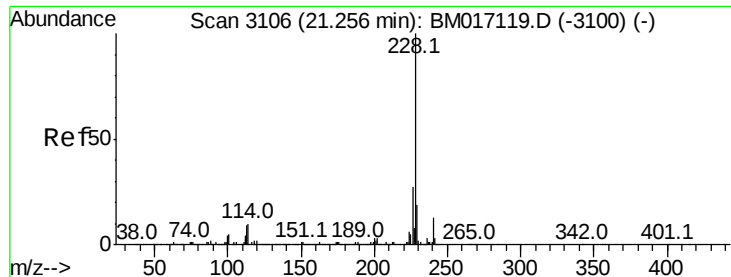
Tot Ion:	202	Resp:	764547
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.3	12.5
100	8.1	6.6	9.8



#80
 Pyrene
 Concen: 9.552 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM017120.D
 Acq: 11 Oct 2018 11:27

Tgt Ion:	202	Resp:	675314
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.8	16.2
100	10.4	8.9	13.3

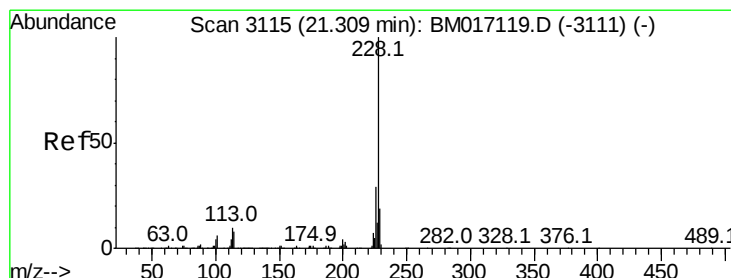
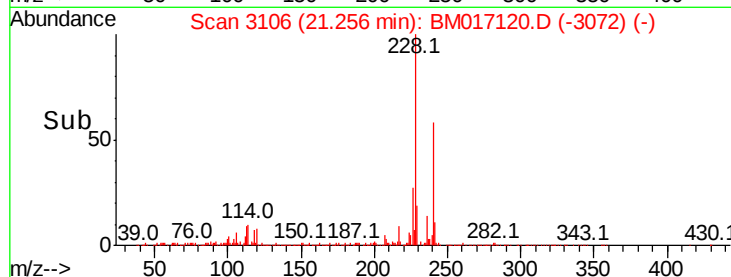
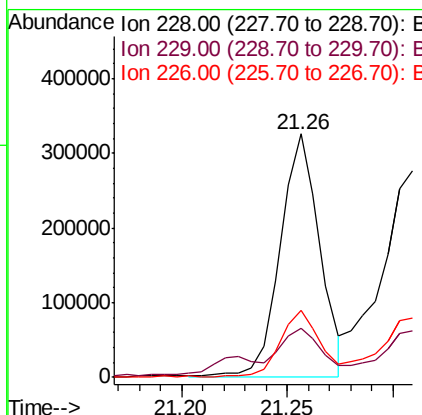
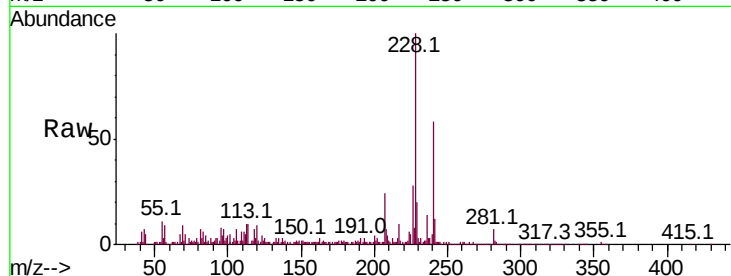




#83
Benzo(a)anthracene
Concen: 5.758 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017120.D
Acq: 11 Oct 2018 11:27

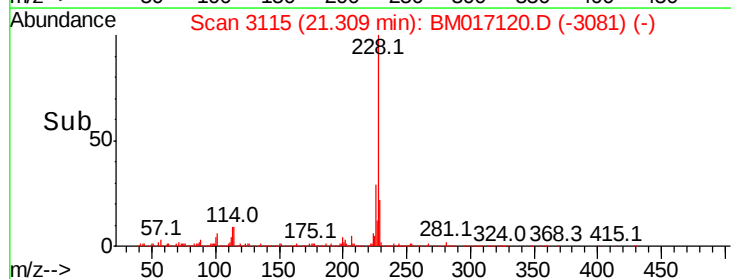
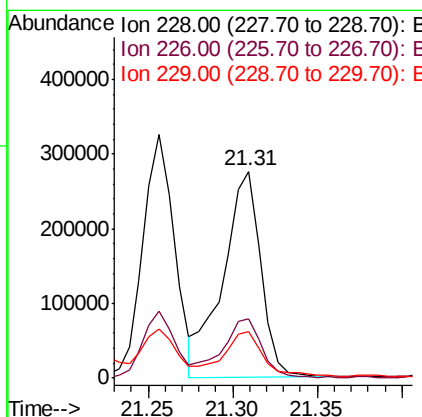
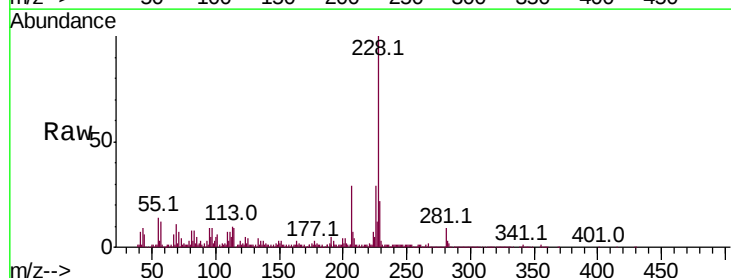
Instrument :
BNA_M
ClientSampleId :

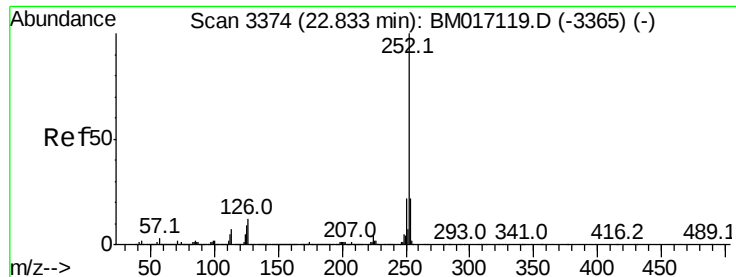
Tot Ion:228 Resp: 421501
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.6 20.9 31.3



#85
Chrysene
Concen: 6.045 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017120.D
Acq: 11 Oct 2018 11:27

Tgt Ion:228 Resp: 427973
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 22.4 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 10.936 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Instrument :

BNA_M

ClientSampleId :

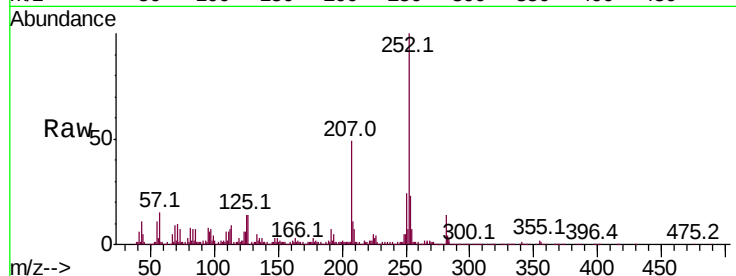
Tot Ion:252 Resp: 748643

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

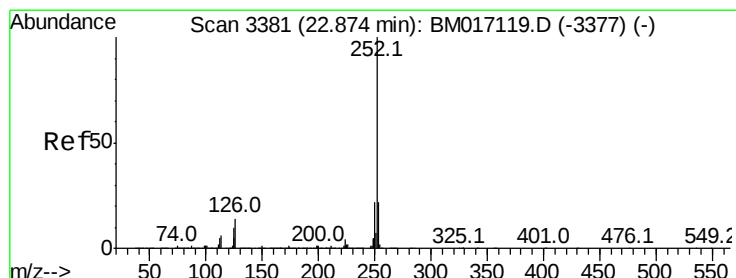
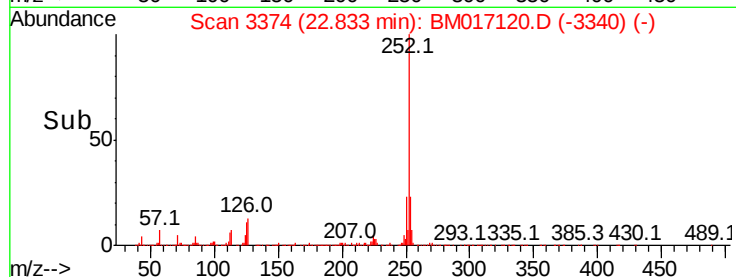
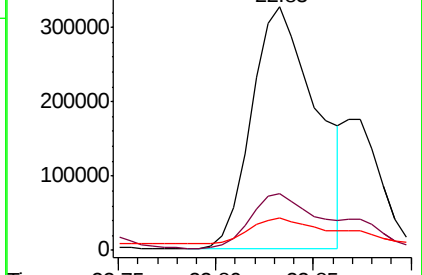
125 13.5 8.2 12.4#



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



#89

Benzo(k)fluoranthene

Concen: 11.384 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.04 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

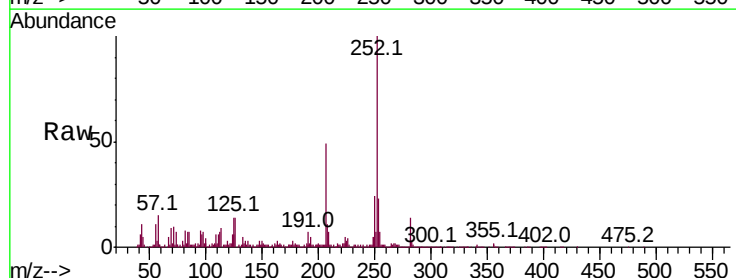
Tgt Ion:252 Resp: 748643

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

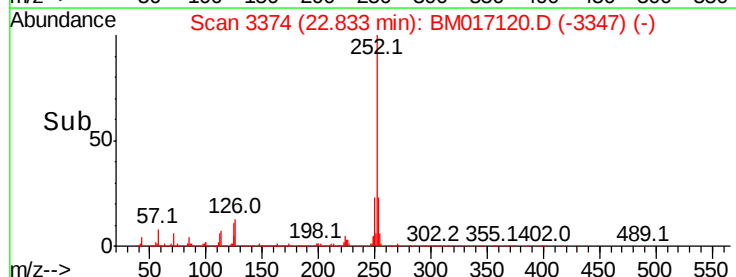
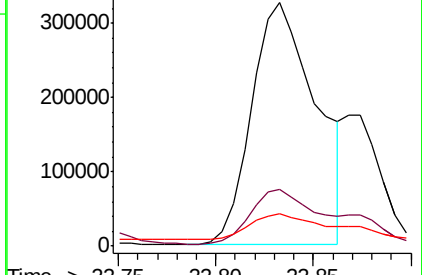
125 13.5 8.2 12.4#

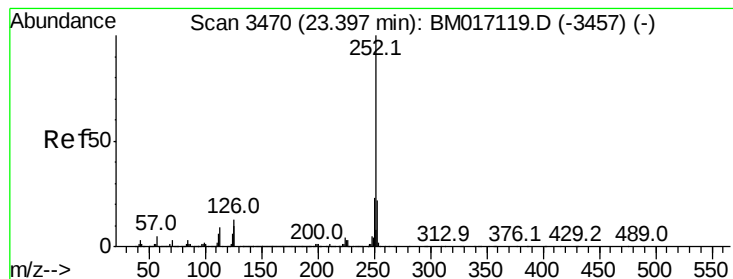


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.475 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. 0.00 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Instrument :

BNA_M

ClientSampleId :

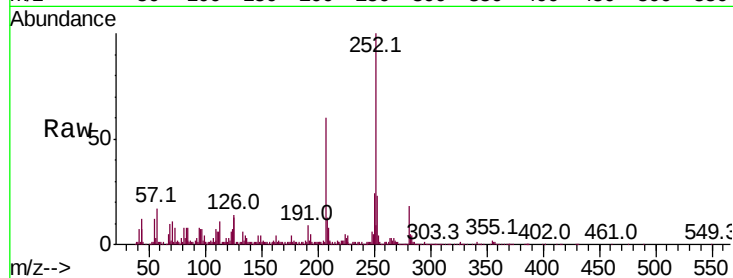
Tot Ion:252 Resp: 493158

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

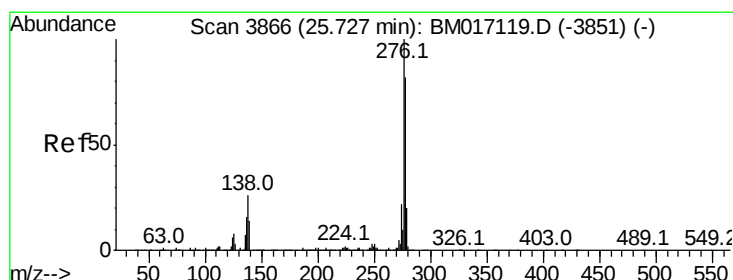
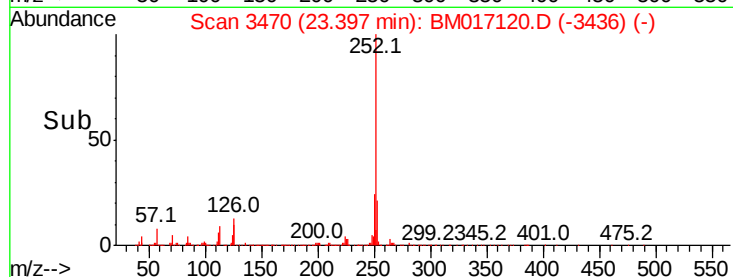
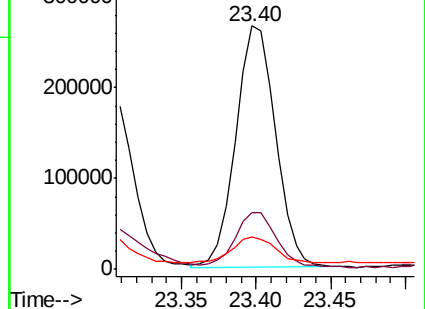
125 13.4 9.0 13.6



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: 4.839 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

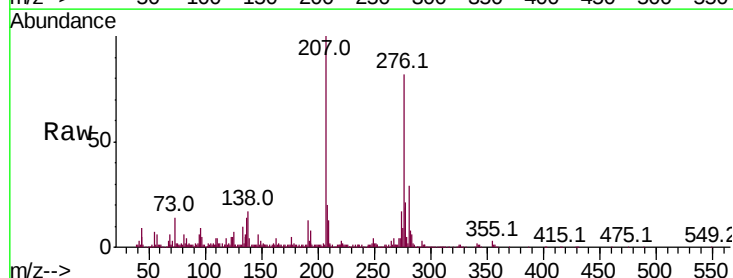
Tgt Ion:276 Resp: 376890

Ion Ratio Lower Upper

276 100

138 21.1 20.3 30.5

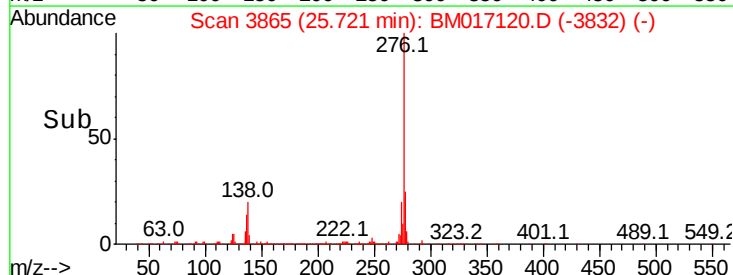
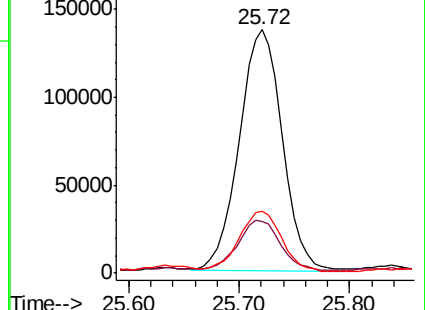
277 25.2 20.2 30.2

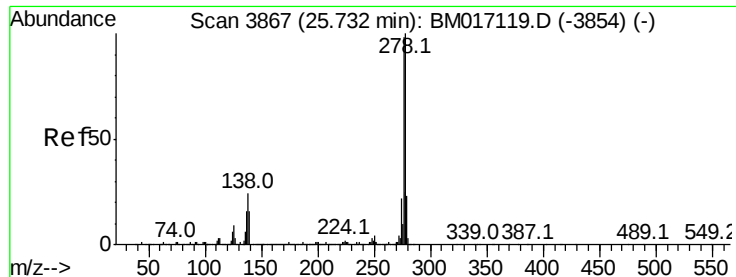


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.536 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Instrument :

BNA_M

ClientSampleId :

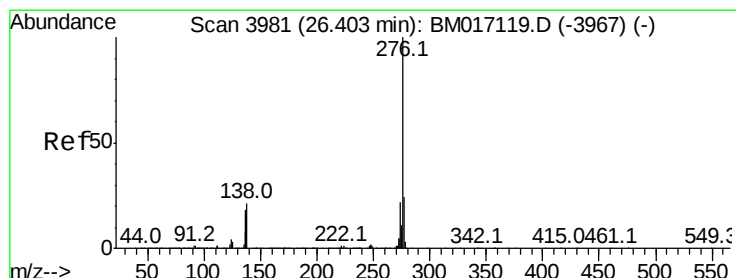
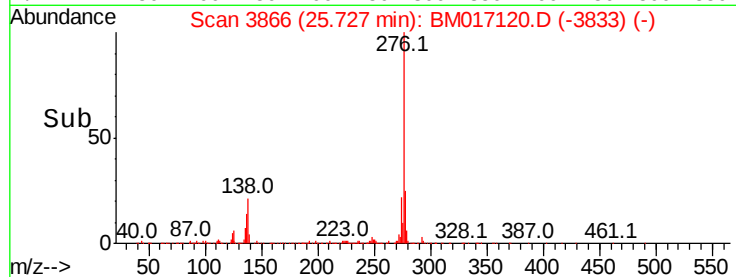
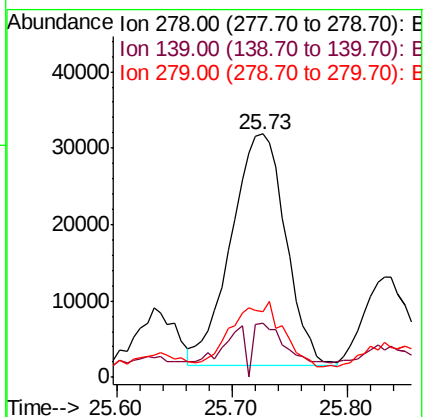
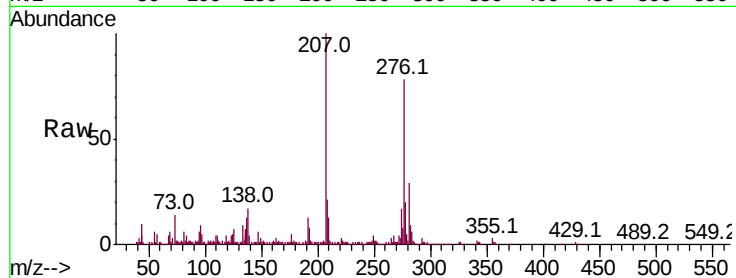
Tot Ion:278 Resp: 99576

Ion Ratio Lower Upper

278 100

139 22.0 13.2 19.8#

279 26.9 18.4 27.6



#94

Benzo(g,h,i)perylene

Concen: 4.927 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. -0.01 min

Lab File: BM017120.D

Acq: 11 Oct 2018 11:27

Tgt Ion:276 Resp: 319531

Ion Ratio Lower Upper

276 100

138 20.9 17.5 26.3

277 23.8 18.5 27.7

