

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017126.D
 Acq On : 11 Oct 2018 15:05
 Operator : MJ/SJ
 Sample : J5368-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:48:52 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	247040	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1175725	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	663350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1513217	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1306469	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1121840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16415	3.30	ng/uL	0.00
5) Phenol-d5	6.87	99	511454	24.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	310026	24.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	453495	26.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	454765	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	235879	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	252226	28.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	487481	27.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	544033	25.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1497945	28.46	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1940175	28.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	130150	13.09	ng/ul	0.00
58) Fluorene-d10	15.33	176	1355227	28.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	83377	9.34	ng/ul	0.00
71) Anthracene-d10	17.18	188	2045215	28.30	ng/ul	0.00
79) Pyrene-d10	19.47	212	2176089	36.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1697372	29.55	ng/ul	0.00

Target Compounds

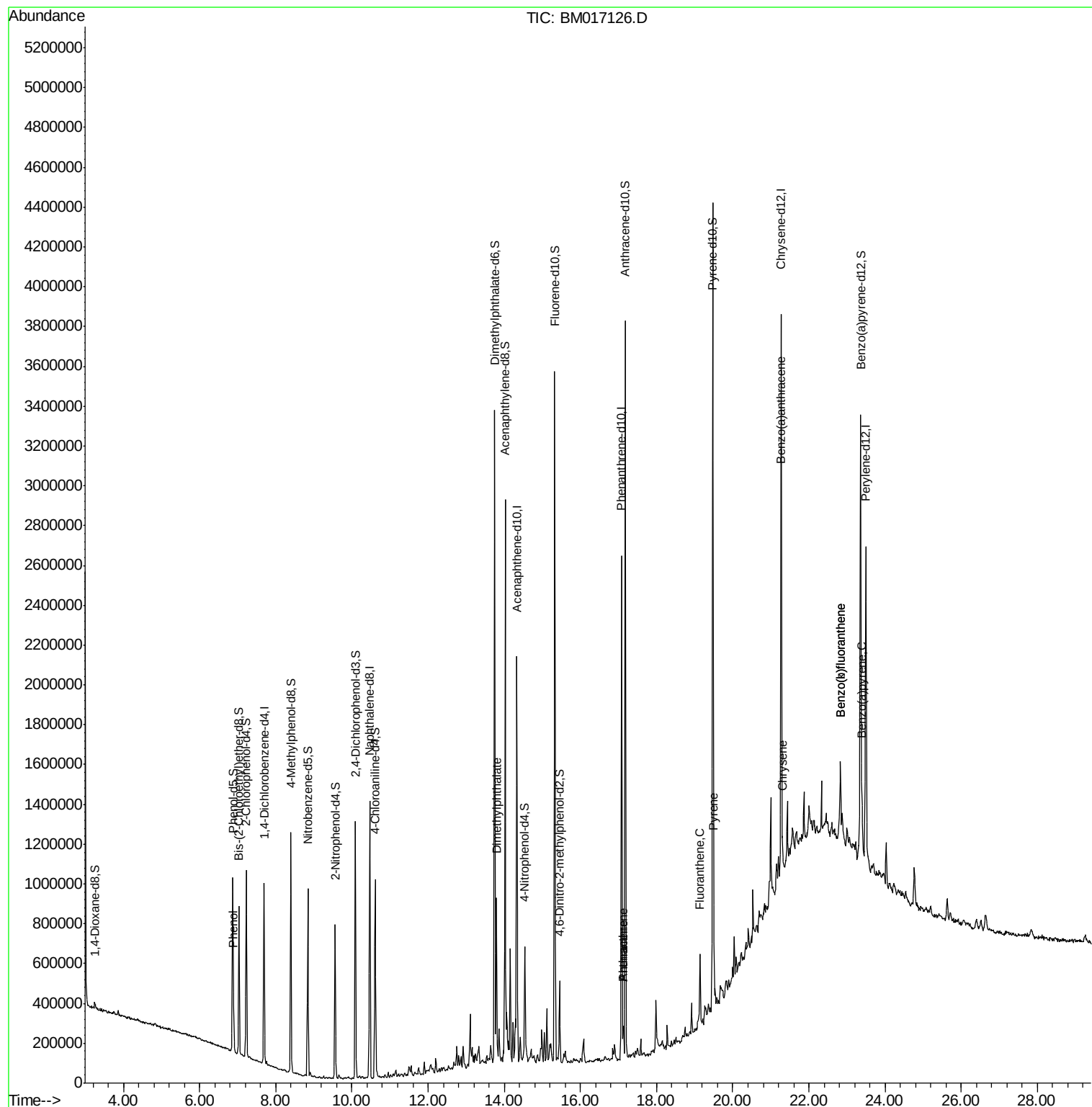
					Ovalue
6) Phenol	6.89	94	101159	4.896	ng/ul 100
45) Dimethylphthalate	13.79	163	497827	9.552	ng/ul 99
70) Phenanthrene	17.12	178	93513	1.102	ng/ul 100
72) Anthracene	17.12	178	92699	1.075	ng/ul 99
77) Fluoranthene	19.14	202	188535	1.918	ng/ul 99
80) Pyrene	19.50	202	173476	2.292	ng/ul 98
83) Benzo(a)anthracene	21.26	228	92227	1.177	ng/ul 98
85) Chrysene	21.31	228	88530	1.168	ng/ul 97
88) Benzo(b)fluoranthene	22.83	252	111257	1.665	ng/ul# 79
89) Benzo(k)fluoranthene	22.83	252	111257	1.734	ng/ul# 80
91) Benzo(a)pyrene	23.40	252	74667	1.160	ng/ul# 80

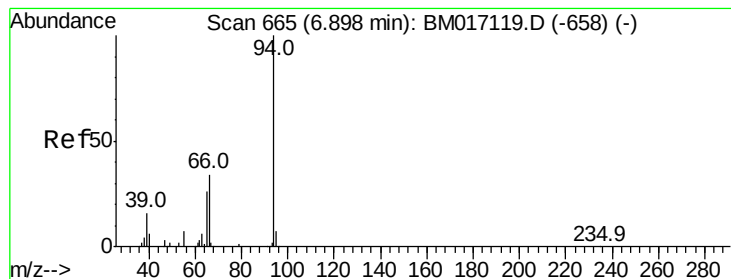
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.896 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017126.D

Acq: 11 Oct 2018 15:05

Instrument :

BNA_M

ClientSampleId :

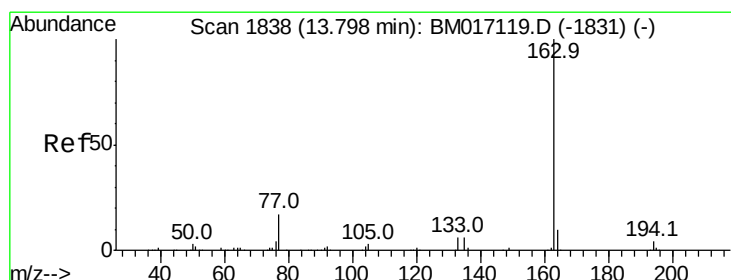
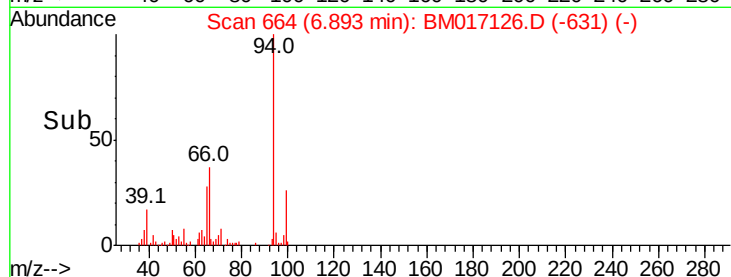
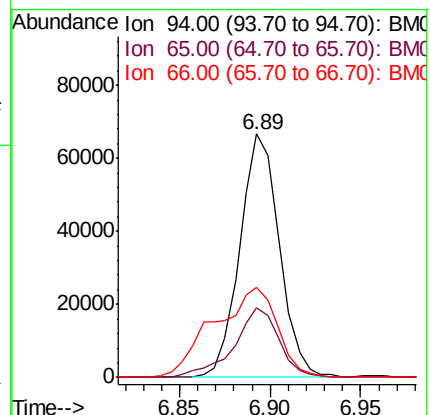
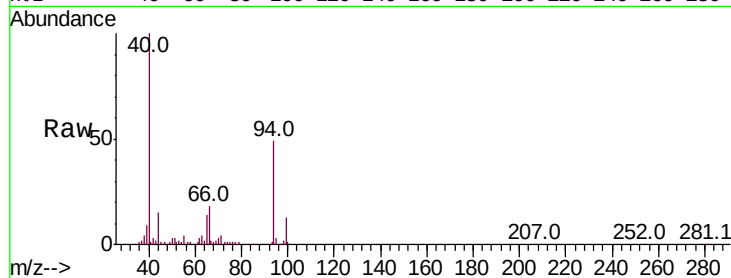
Tot Ion: 94 Resp: 101159

Ion Ratio Lower Upper

94 100

65 28.4 22.8 34.2

66 36.9 29.5 44.3



#45

Dimethylphthalate

Concen: 9.552 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM017126.D

Acq: 11 Oct 2018 15:05

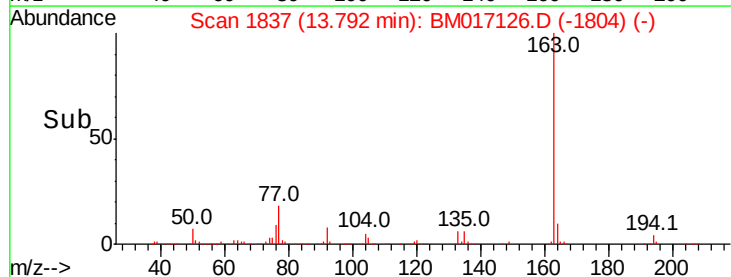
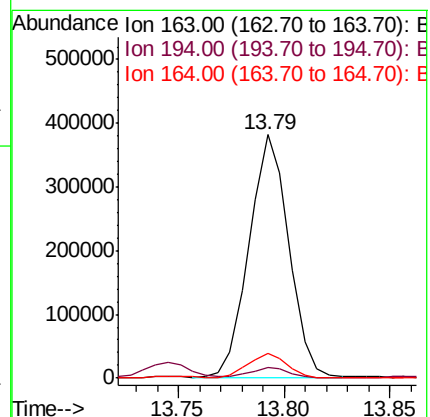
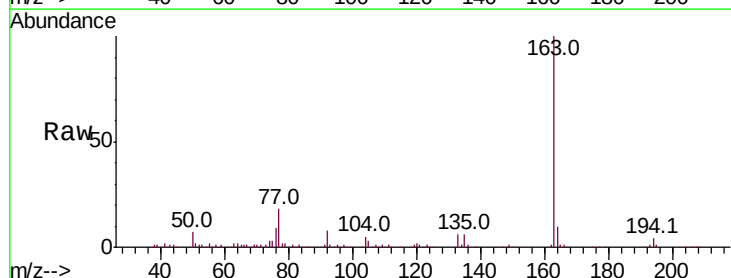
Tgt Ion: 163 Resp: 497827

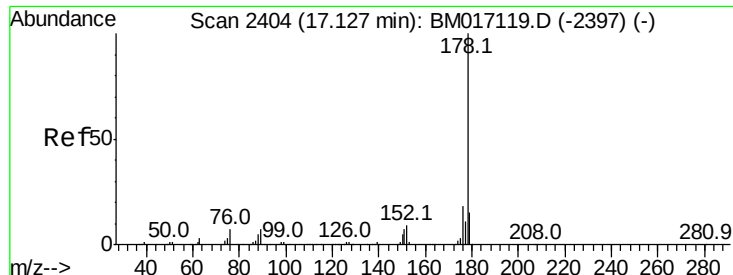
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.0 12.0

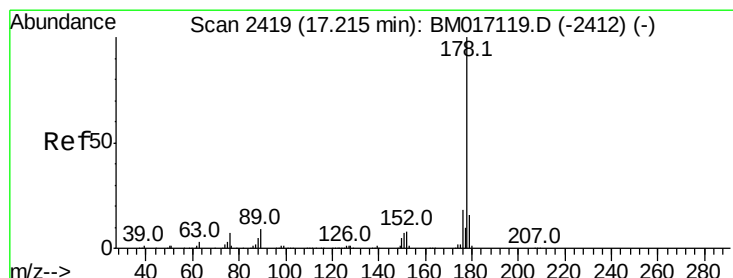
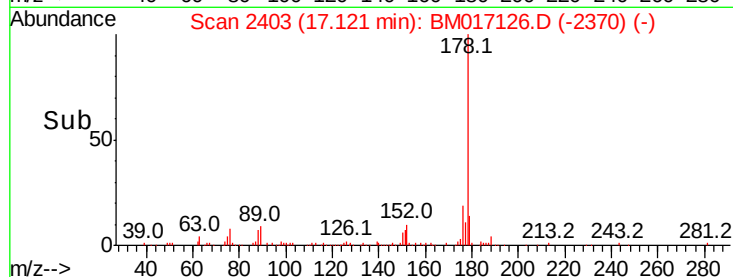
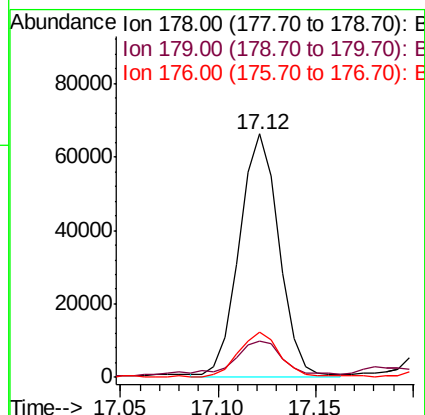
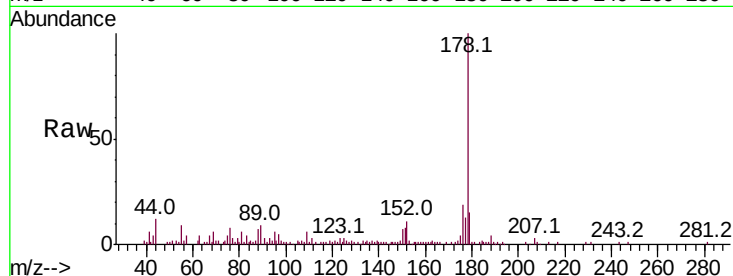




#70
 Phenanthrene
 Concen: 1.102 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM017126.D
 Acq: 11 Oct 2018 15:05

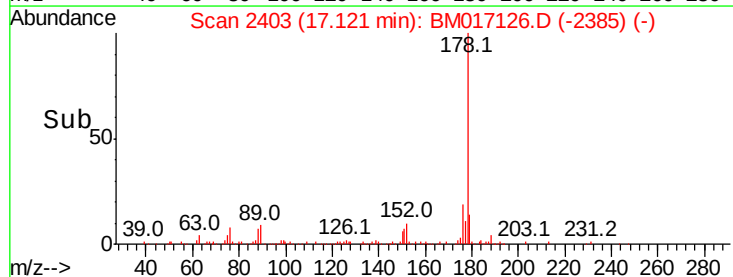
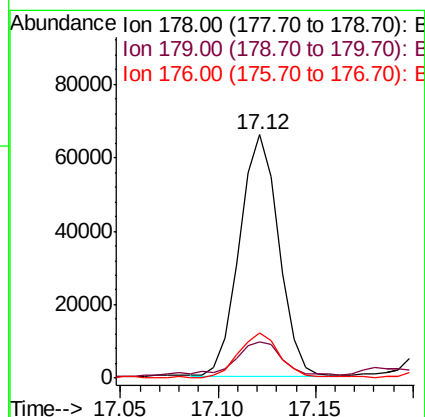
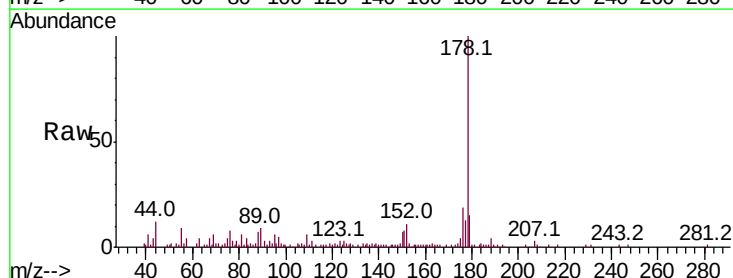
Instrument :
 BNA_M
 ClientSampleId :

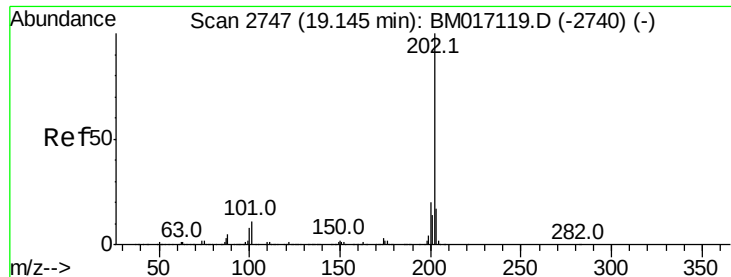
Tot Ion:178 Resp: 93513
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.2
 176 18.7 15.0 22.4



#72
 Anthracene
 Concen: 1.075 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.09 min
 Lab File: BM017126.D
 Acq: 11 Oct 2018 15:05

Tgt Ion:178 Resp: 92699
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.4
 176 18.7 14.6 22.0

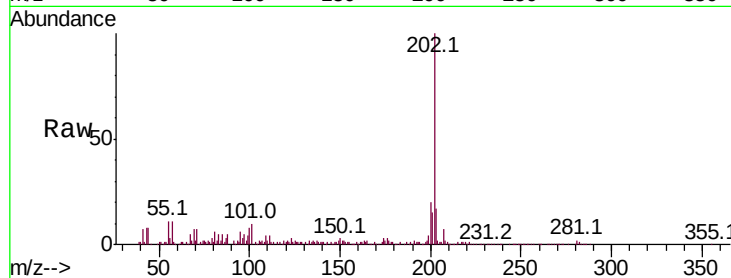




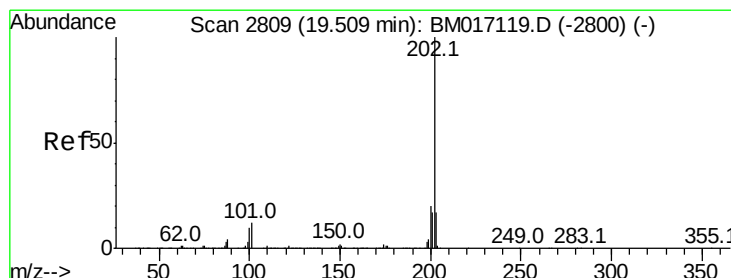
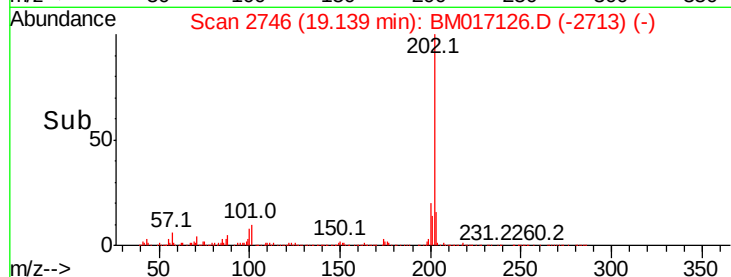
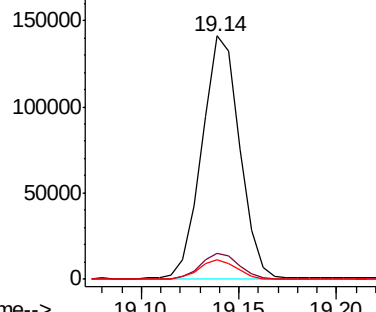
#77
Fluoranthene
Concen: 1.918 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM017126.D
Acq: 11 Oct 2018 15:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	188535		
101	10.5		8.3	12.5
100	7.9		6.6	9.8

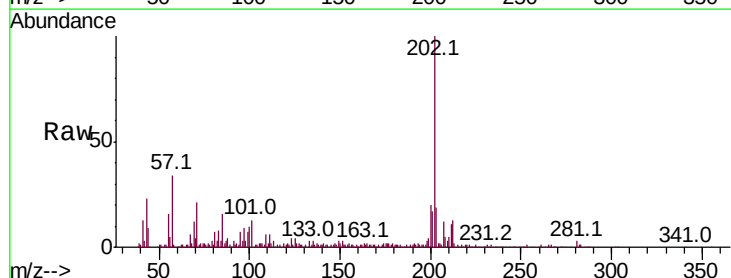


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

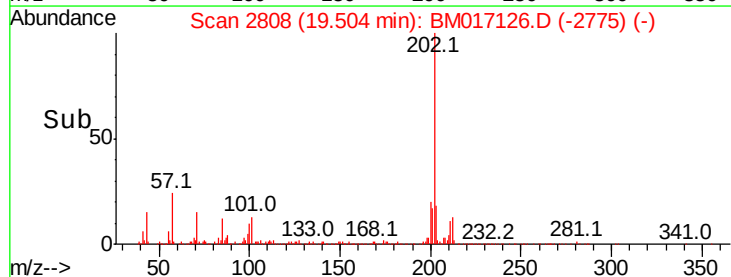
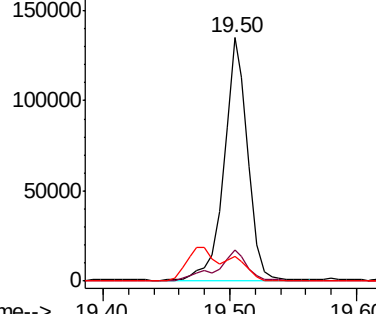


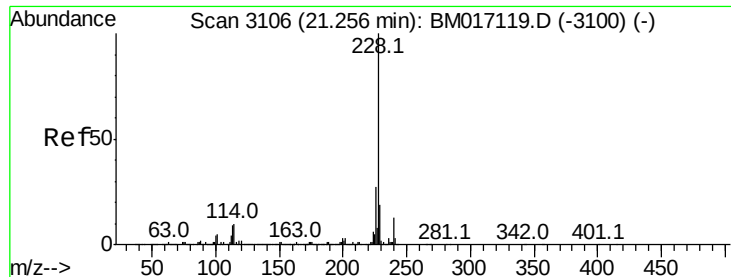
#80
Pyrene
Concen: 2.292 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM017126.D
Acq: 11 Oct 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	173476		
101	12.9		10.8	16.2
100	10.3		8.9	13.3



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

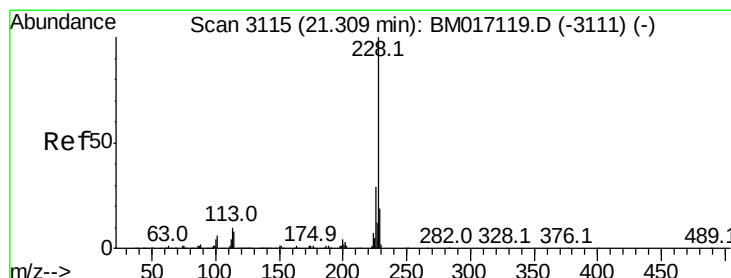
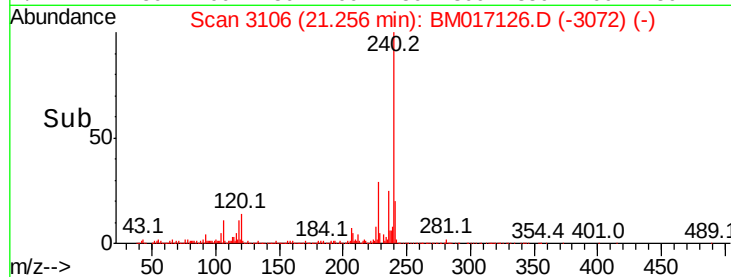
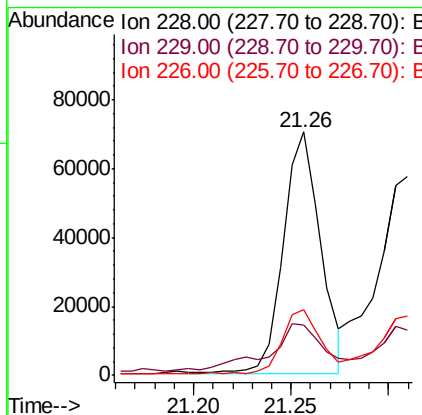
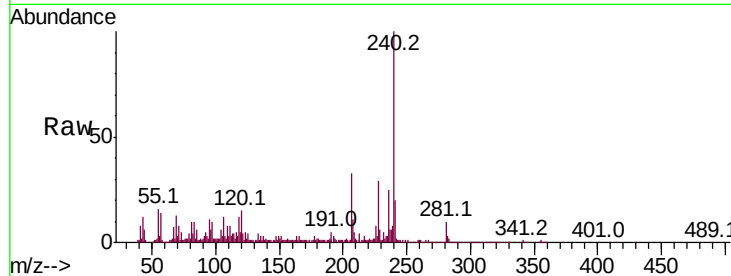




#83
Benzo(a)anthracene
Concen: 1.177 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017126.D
Acq: 11 Oct 2018 15:05

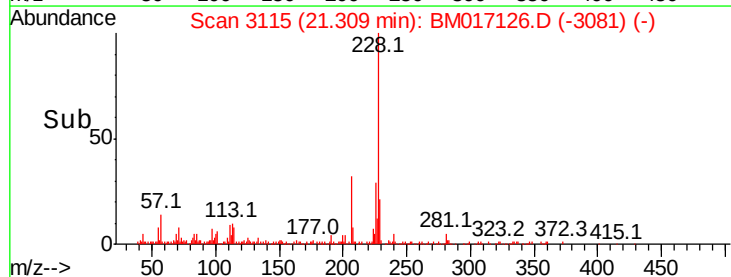
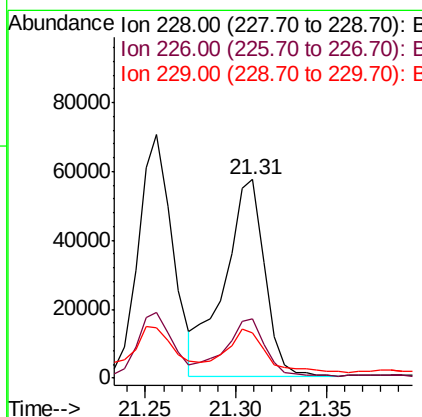
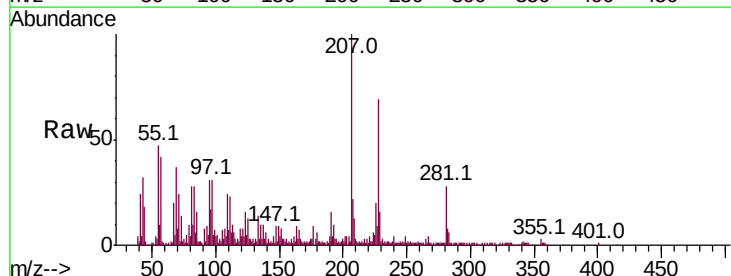
Instrument :
BNA_M
ClientSampleId :

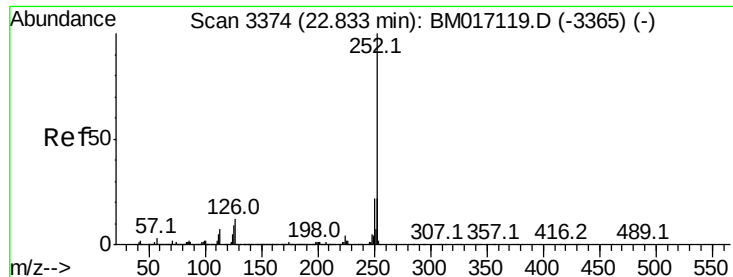
Tot Ion:228 Resp: 92227
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.2 20.9 31.3



#85
Chrysene
Concen: 1.168 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017126.D
Acq: 11 Oct 2018 15:05

Tgt Ion:228 Resp: 88530
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 22.9 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 1.665 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM017126.D

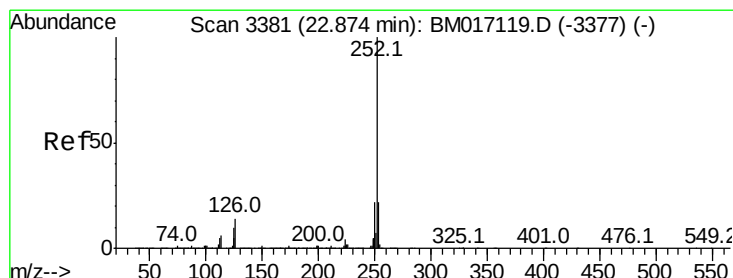
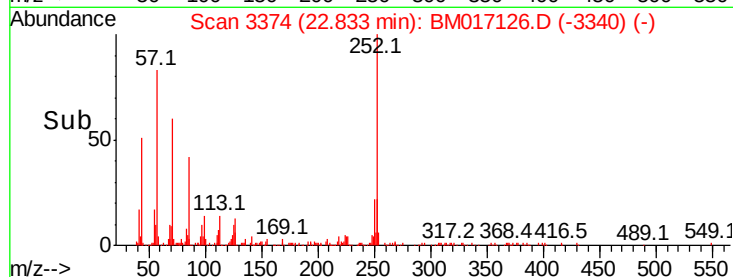
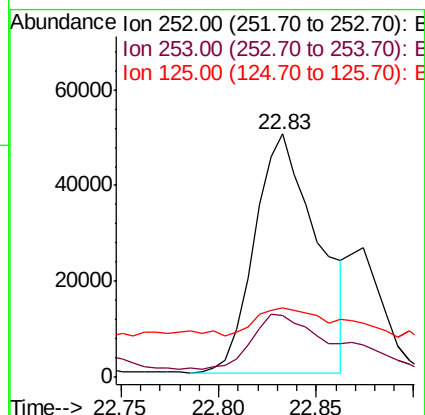
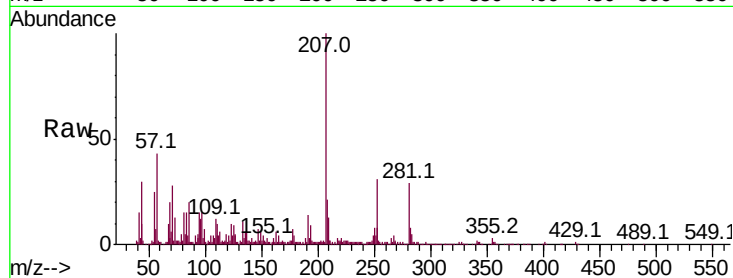
Acq: 11 Oct 2018 15:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	111257
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.3 25.9
125	28.7	8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 1.734 ng/ul

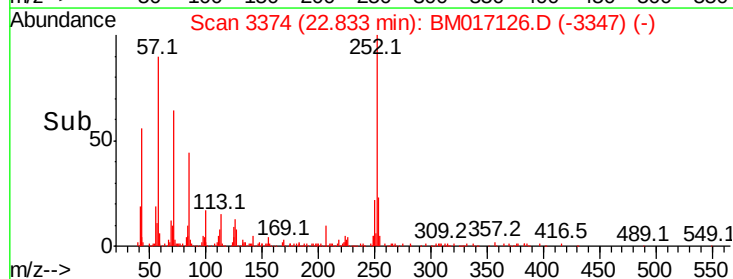
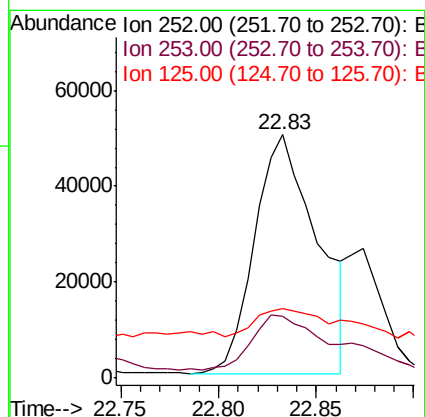
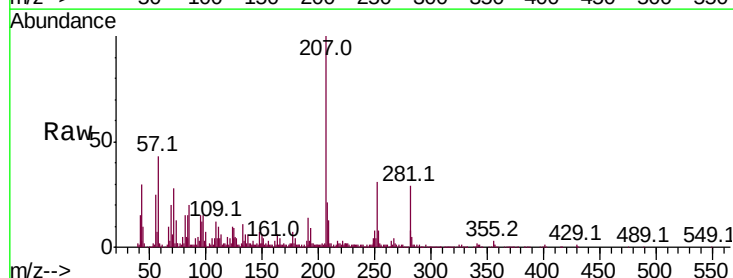
RT: 22.83 min Scan# 3374

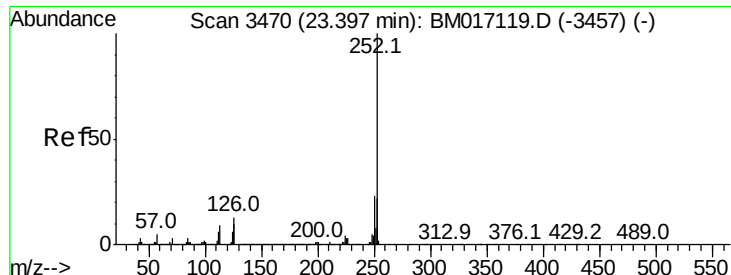
Delta R.T. -0.04 min

Lab File: BM017126.D

Acq: 11 Oct 2018 15:05

Tgt Ion:252	Resp:	111257
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.5 26.3
125	28.7	8.2 12.4#





#91

Benzo(a)pyrene

Concen: 1.160 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. 0.00 min

Lab File: BM017126.D

Acq: 11 Oct 2018 15:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 74667

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.4

125 28.7 9.0 13.6#

