

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
 Data File : BM016754.D
 Acq On : 14 Sep 2018 15:35
 Operator : SJ/JU
 Sample : J4860-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41T2

Quant Time: Sep 15 00:21:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 14 23:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	220815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	923605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	494219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1127957	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1308964	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1385059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	36001	6.97	ng/uL	0.00
5) Phenol-d5	6.90	99	703474	37.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	454514	39.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	598099	39.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	566771	39.33	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	266096	43.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	247605	44.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	537414	38.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	759948	44.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1627540	41.01	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	2101263	40.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	221222	33.97	ng/ul	0.00
58) Fluorene-d10	15.37	176	1479993	42.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	151188	32.65	ng/ul	0.00
71) Anthracene-d10	17.22	188	2306046	42.37	ng/ul	0.00
79) Pyrene-d10	19.51	212	2665099	41.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	3190058	44.15	ng/ul	0.00

Target Compounds

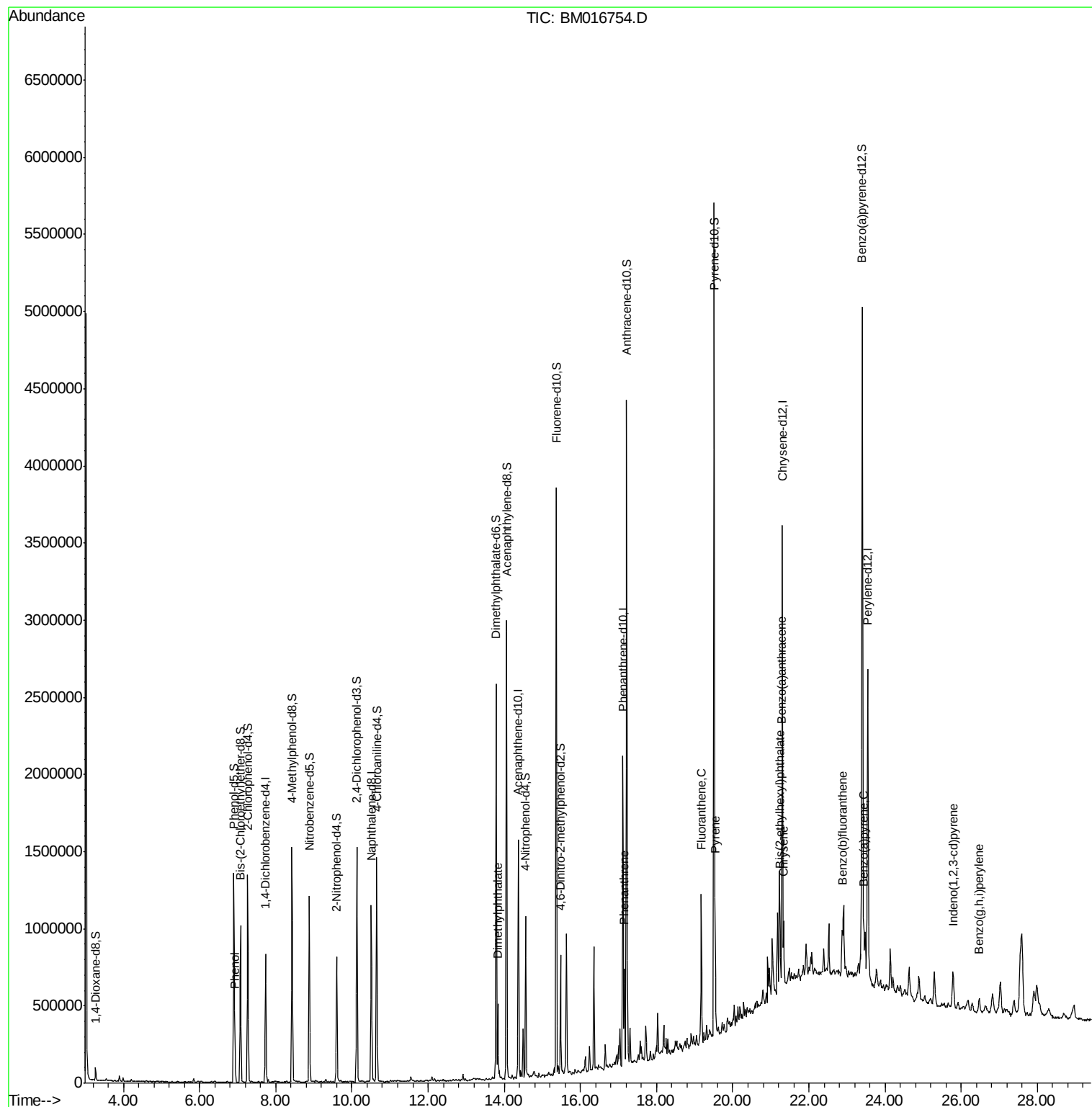
				Ovalue	
6) Phenol	6.93	94	112533	6.053	ng/ul 98
45) Dimethylphthalate	13.83	163	310113	7.996	ng/ul# 99
70) Phenanthrene	17.16	178	336025	5.363	ng/ul 99
77) Fluoranthene	19.17	202	542260	7.550	ng/ul# 90
80) Pyrene	19.54	202	487475	6.065	ng/ul# 86
83) Benzo(a)anthracene	21.29	228	201073	2.481	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.24	149	116701	2.498	ng/ul 98
85) Chrysene	21.34	228	231646	3.065	ng/ul 98
88) Benzo(b)fluoranthene	22.87	252	262736	3.169	ng/ul# 92
91) Benzo(a)pyrene	23.44	252	176322	2.231	ng/ul# 92
92) Indeno(1,2,3-cd)pyrene	25.79	276	105132	1.115	ng/ul# 91
94) Benzo(g,h,i)perylene	26.47	276	88105	1.127	ng/ul# 86

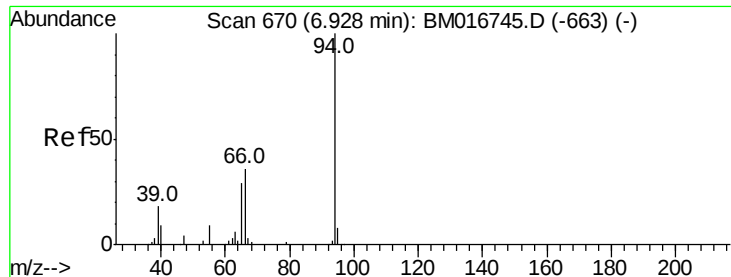
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016754.D
Acq On : 14 Sep 2018 15:35
Operator : SJ/JU
Sample : J4860-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A41T2

Quant Time: Sep 15 00:21:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 23:38:05 2018
Response via : Initial Calibration





#6

Phenol

Concen: 6.053 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

Instrument :

BNA_M

ClientSampleId :

A41T2

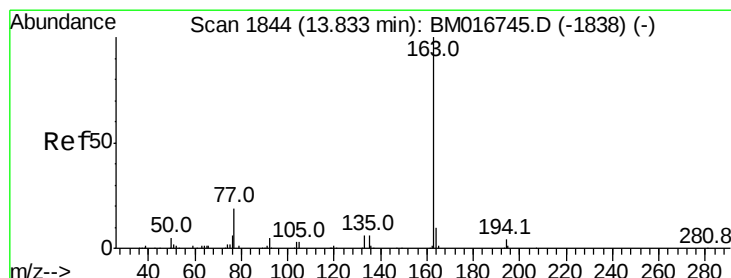
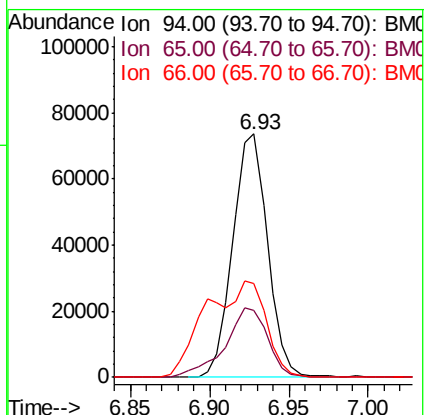
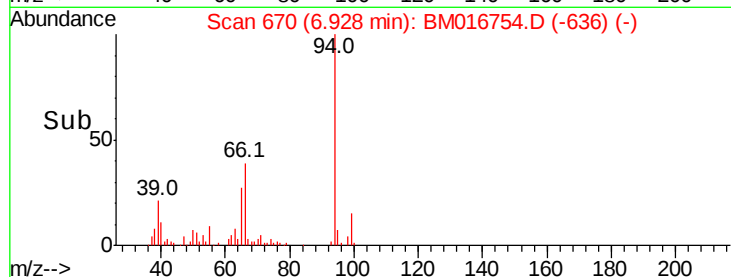
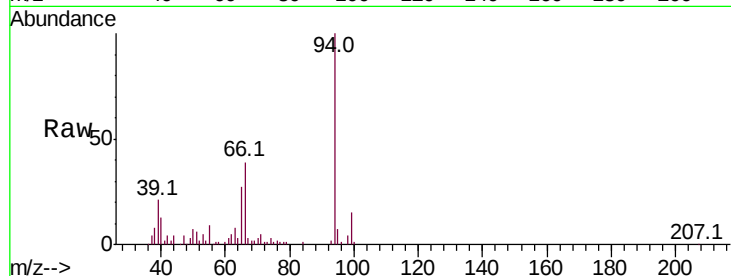
Tot Ion: 94 Resp: 112533

Ion Ratio Lower Upper

94 100

65 27.4 23.0 34.6

66 38.8 30.4 45.6



#45

Dimethylphthalate

Concen: 7.996 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

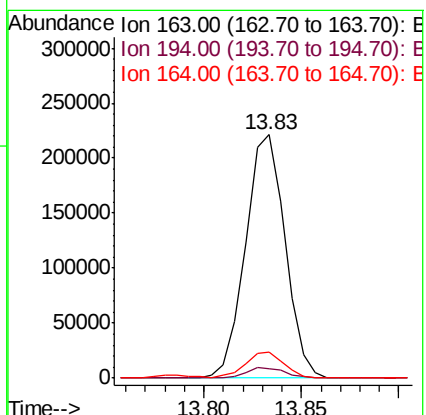
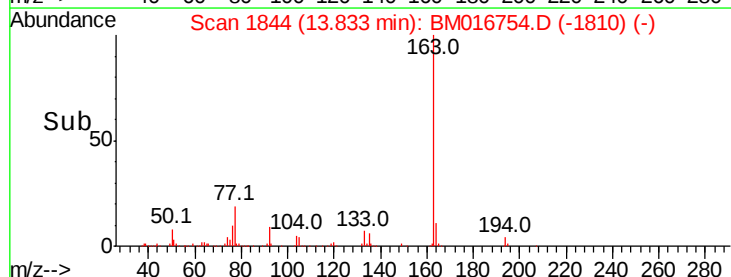
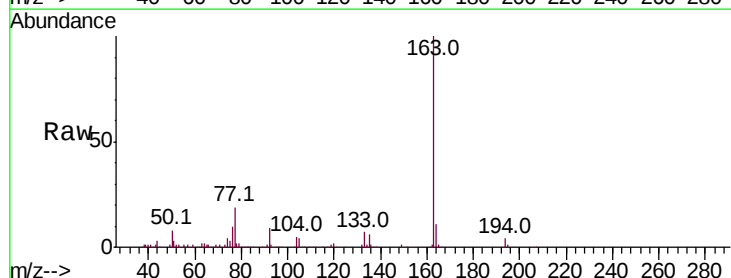
Tgt Ion:163 Resp: 310113

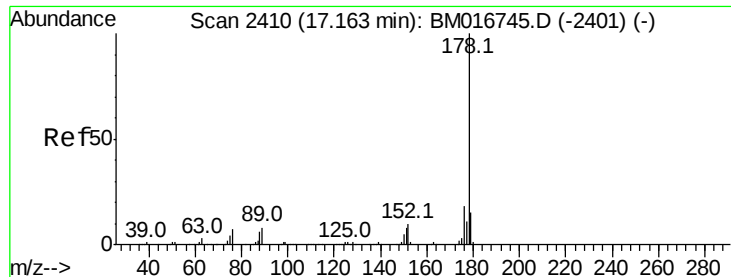
Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

164 10.5 8.4 12.6





#70

Phenanthrene

Concen: 5.363 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

Instrument :

BNA_M

ClientSampleId :

A41T2

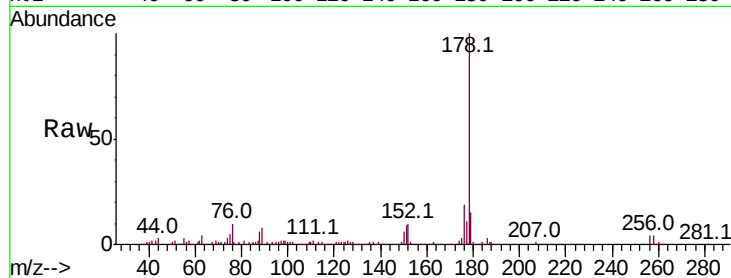
Tot Ion:178 Resp: 336025

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

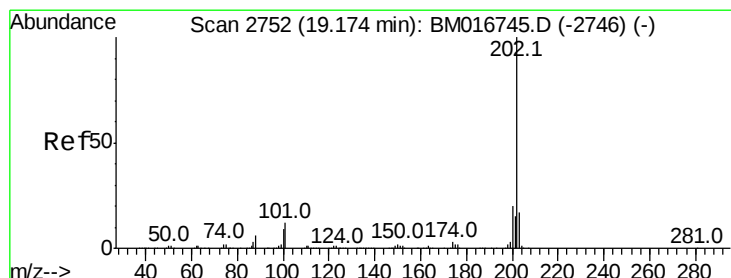
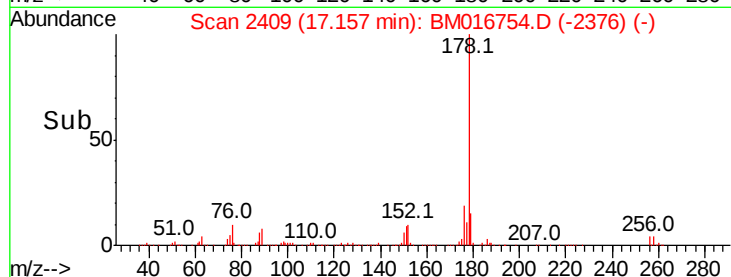
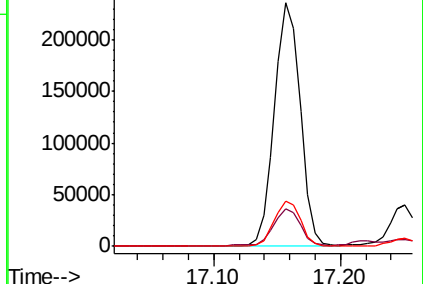
176 18.8 15.4 23.0



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



#77

Fluoranthene

Concen: 7.550 ng/ul

RT: 19.17 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

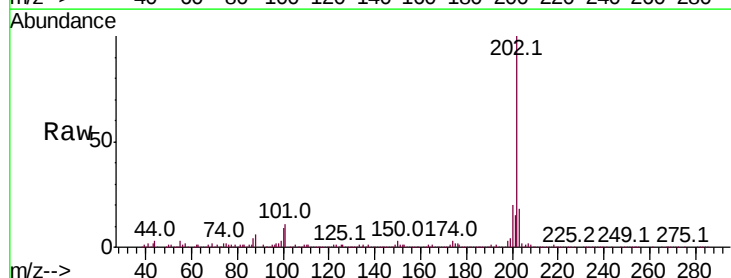
Tgt Ion:202 Resp: 542260

Ion Ratio Lower Upper

202 100

101 11.1 6.1 9.1#

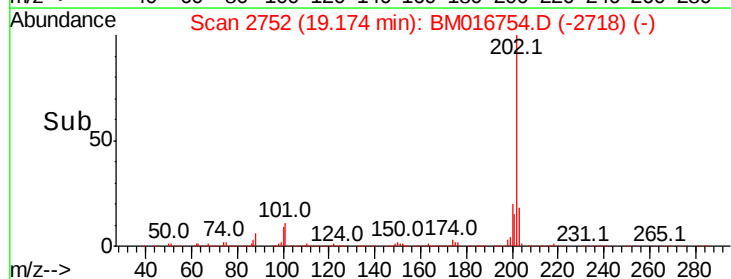
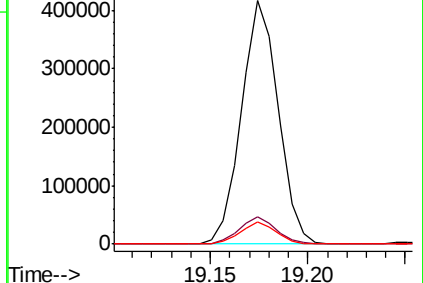
100 9.0 4.6 7.0#

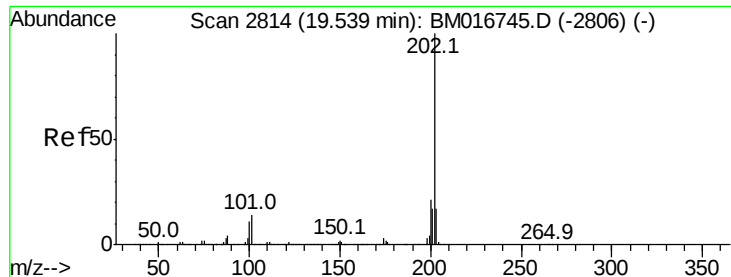


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

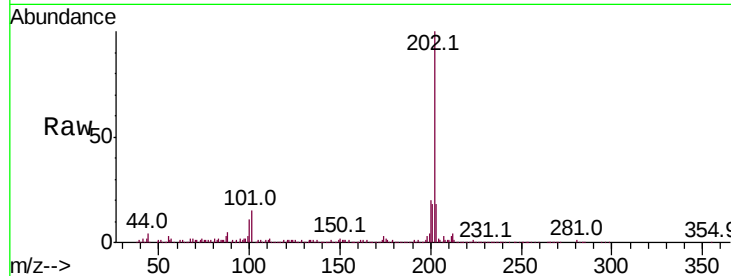




#80
Pvrene
Concen: 6.065 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Instrument :
BNA_M
ClientSampleId :
A41T2

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	6.9	10.3#
100	10.8	5.6	8.4#

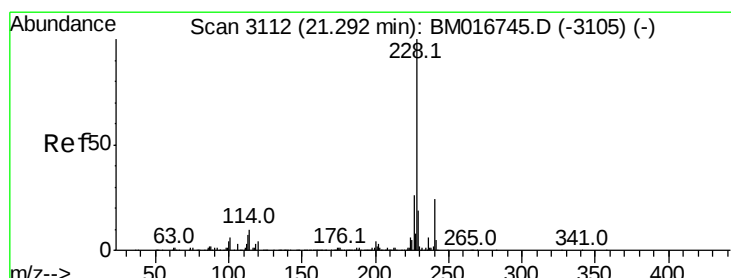
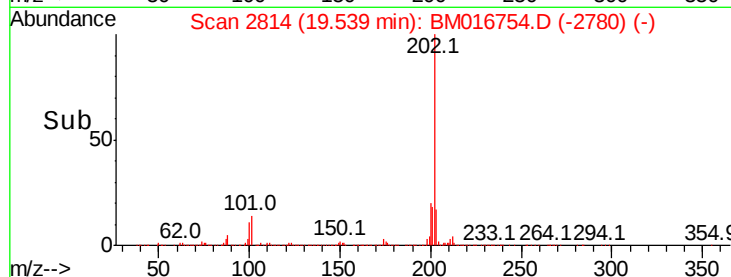
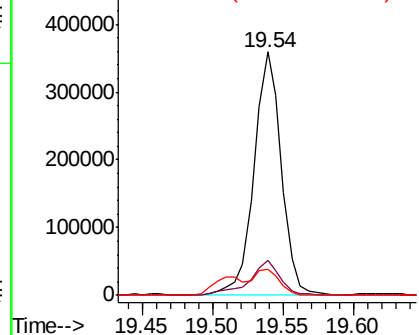


Abundance

Ion 202.00 (201.70 to 202.70): E

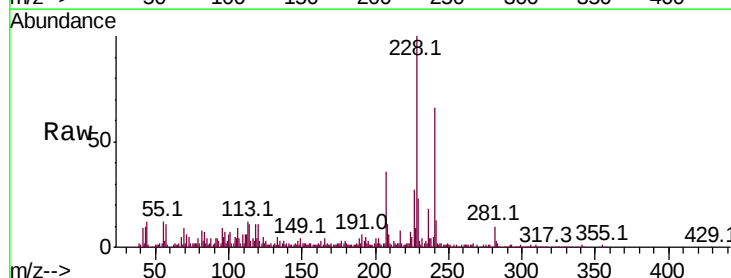
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 2.481 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.0	24.0
226	27.1	21.8	32.8

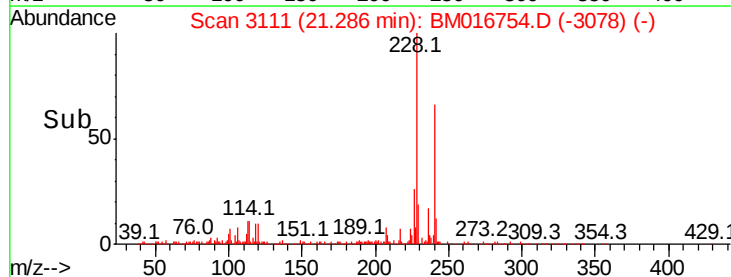
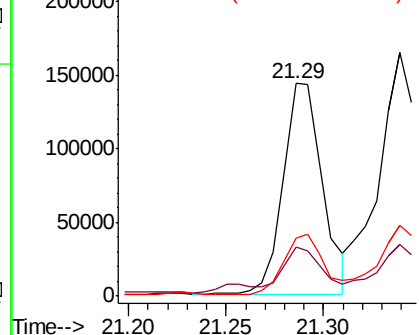


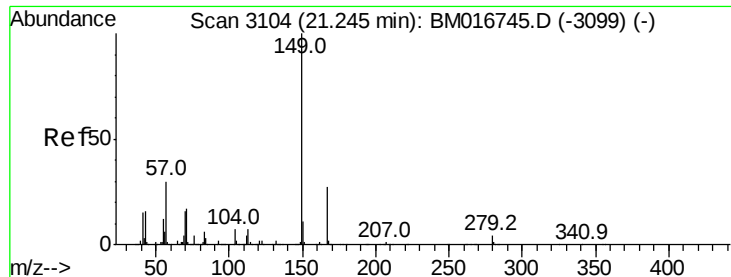
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.498 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

Instrument :

BNA_M

ClientSampled :

A41T2

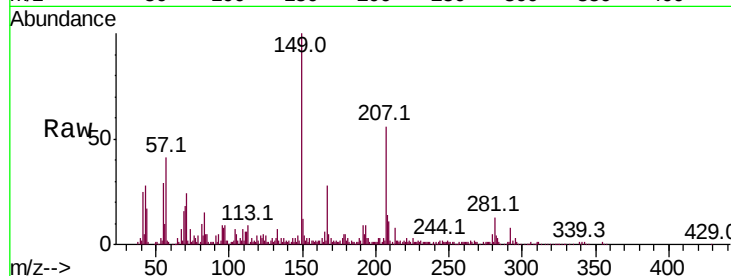
Tot Ion:149 Resp: 116701

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.6

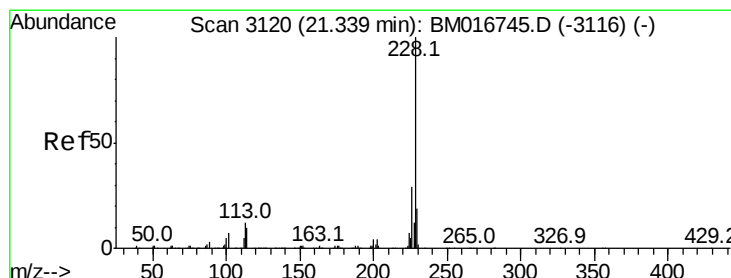
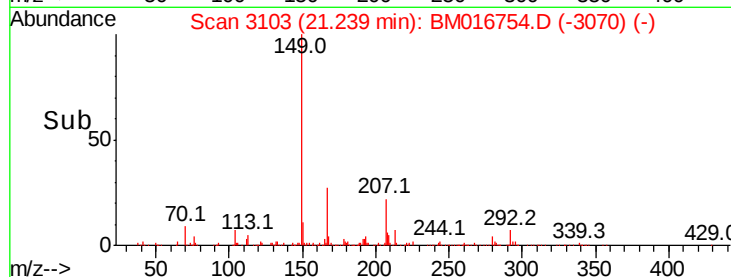
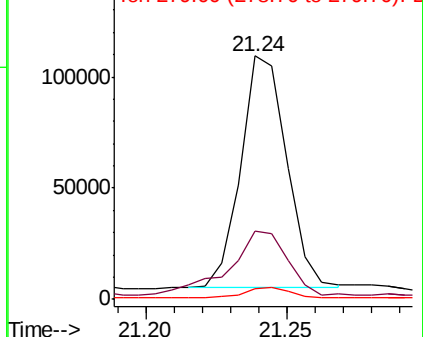
279 4.6 4.3 6.5



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



#85

Chrysene

Concen: 3.065 ng/ul

RT: 21.34 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

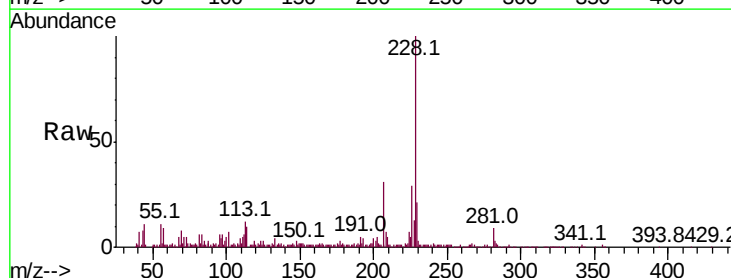
Tgt Ion:228 Resp: 231646

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

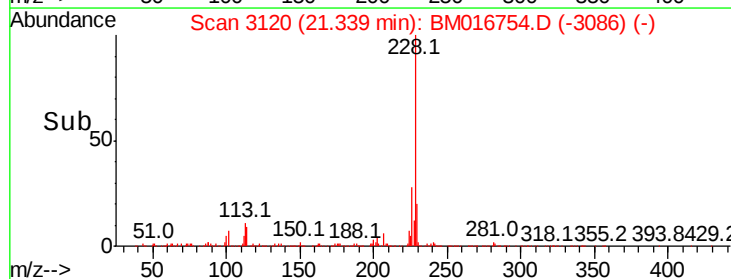
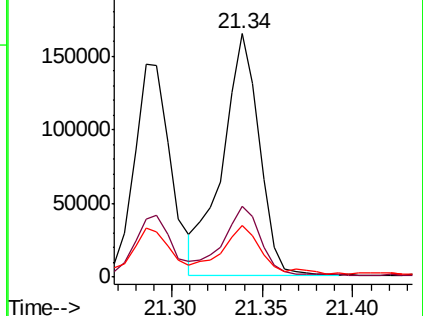
229 21.4 16.0 24.0

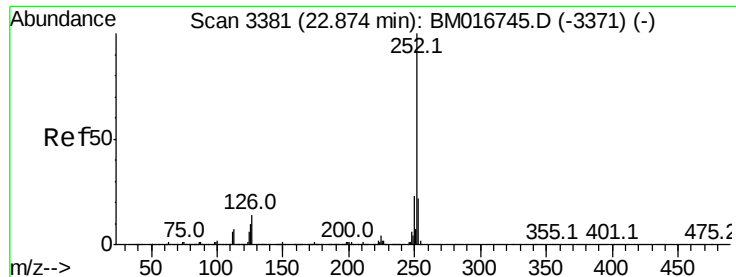


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.169 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

Instrument :

BNA_M

ClientSampleId :

A41T2

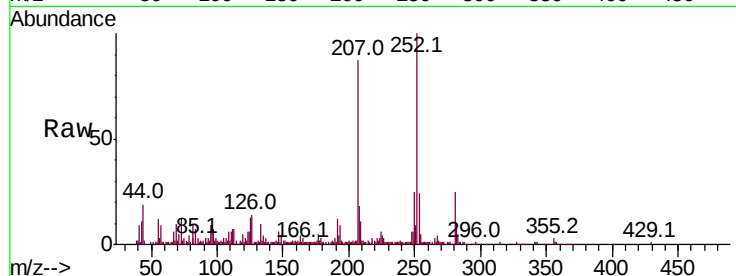
Tot Ion:252 Resp: 262736

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

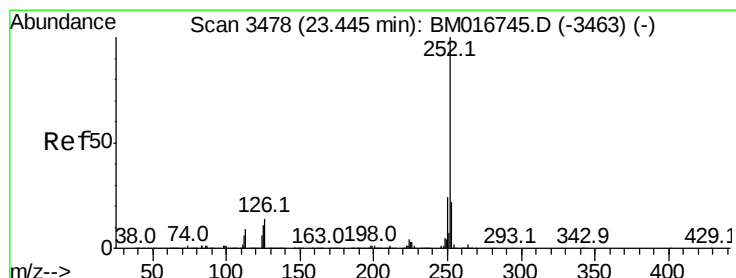
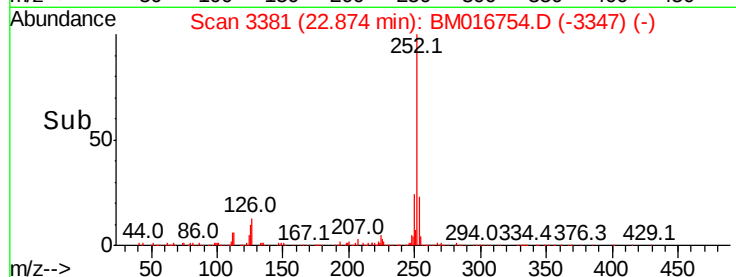
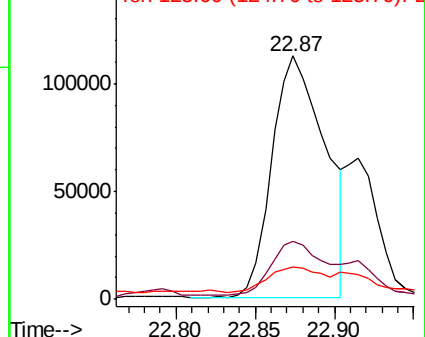
125 13.3 4.9 7.3#



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: 2.231 ng/ul

RT: 23.44 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BM016754.D

Acq: 14 Sep 2018 15:35

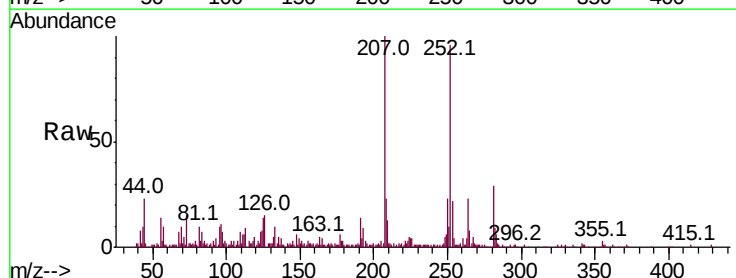
Tgt Ion:252 Resp: 176322

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

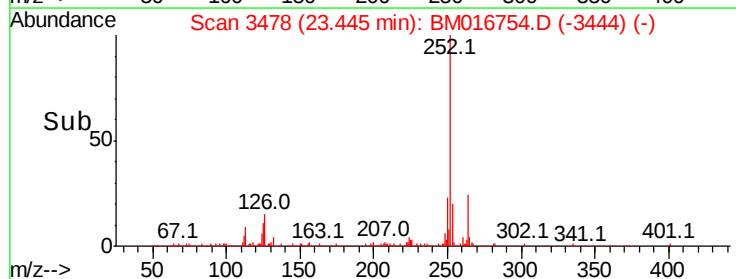
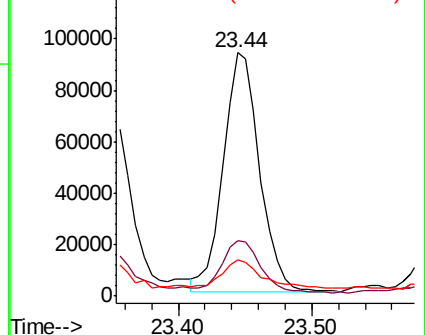
125 14.8 5.8 8.6#

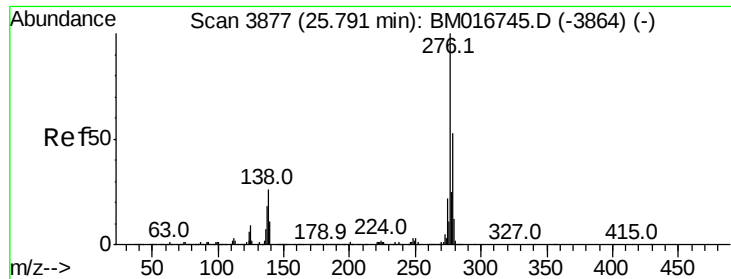


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



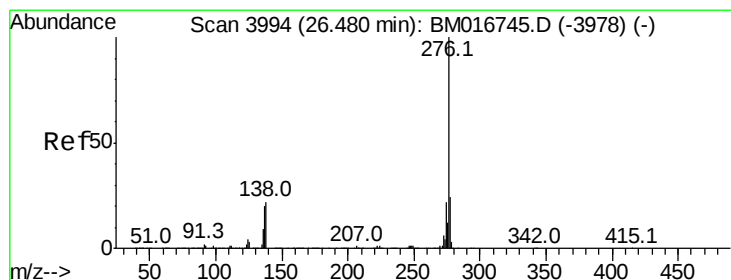
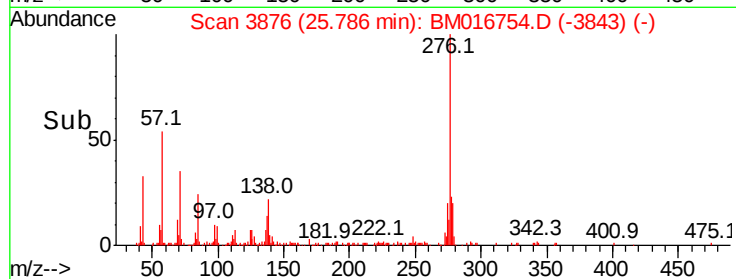
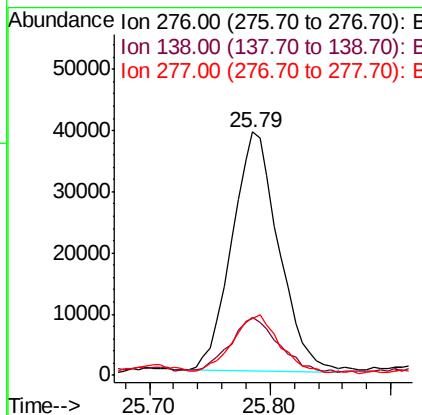
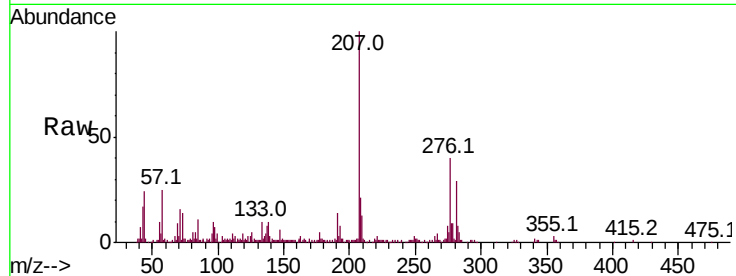


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.115 ng/ul
RT: 25.79 min Scan# 3876
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Instrument :
BNA_M
ClientSampled :
A41T2

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	10.9	16.3#
277	23.4	18.9	28.3



#94

Benzo(g,h,i)perylene
Concen: 1.127 ng/ul
RT: 26.47 min Scan# 3993
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	11.2	16.8#
277	24.5	19.0	28.6

