

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012799.D
 Acq On : 07 Nov 2017 17:21
 Operator : SJ/JU
 Sample : I6164-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:54:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	128379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	551109	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	359564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	846431	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	803682	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	722548	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	3833	1.61	ng/uL	0.00
5) Phenol-d5	6.98	99	88938	9.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	59725	11.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	85357	10.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57424	6.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	45096	11.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	52083	11.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	94091	9.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	83615	9.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	358491	12.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	413169	11.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	5334	1.12	ng/ul	0.02
57) Fluorene-d10	15.43	176	312553	12.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	7400	1.32	ng/ul	0.00
70) Anthracene-d10	17.29	188	468226	11.45	ng/ul	0.00
78) Pyrene-d10	19.57	212	514431	13.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	407309	11.92	ng/ul	0.00

Target Compounds

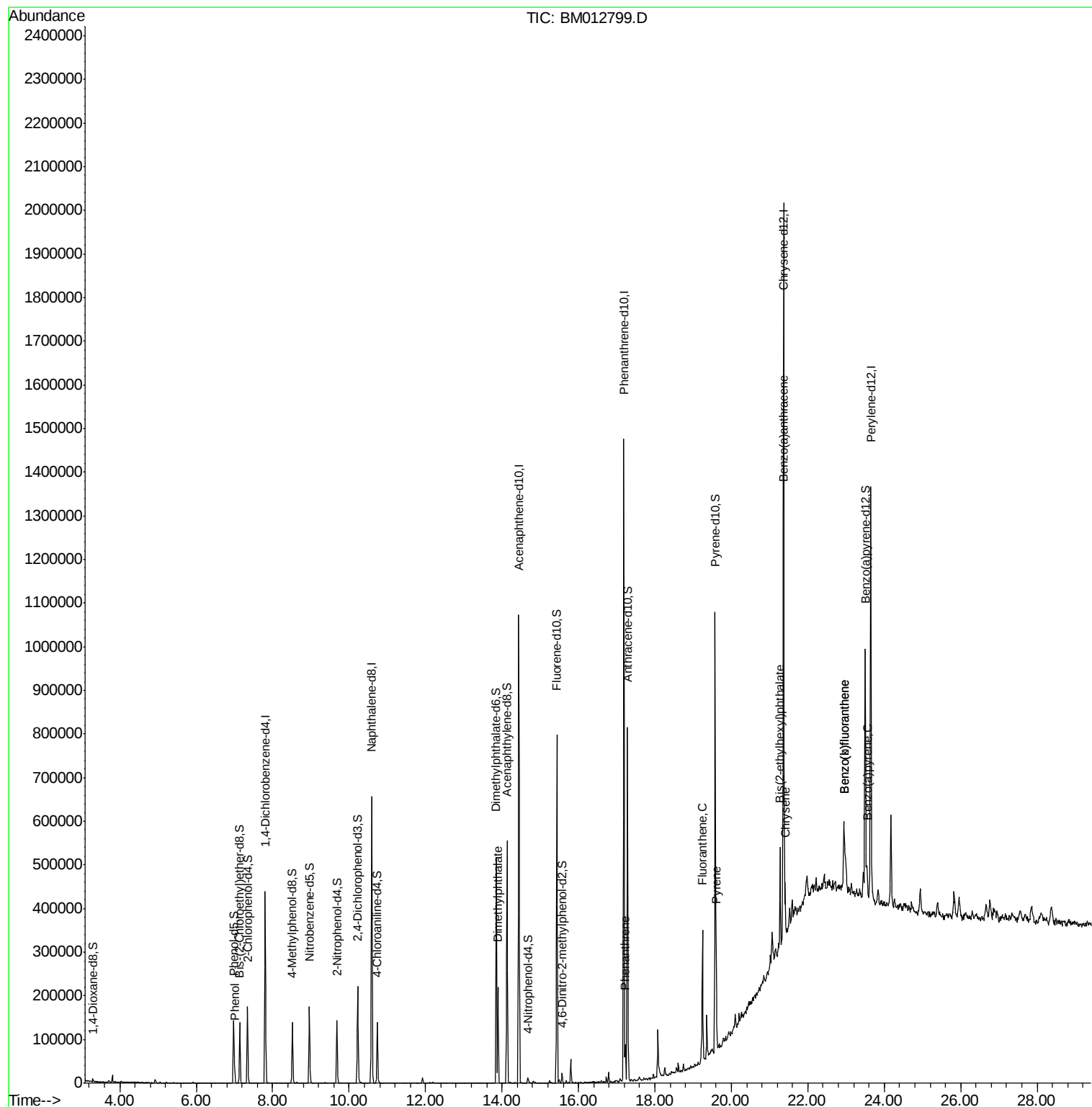
						Ovalue
6) Phenol	7.01	94	19158	1.95	ng/ul	98
44) Dimethylphthalate	13.90	163	147411	4.99	ng/ul#	97
69) Phenanthrene	17.23	178	65027	1.41	ng/ul	99
76) Fluoranthene	19.24	202	171320	3.08	ng/ul#	95
79) Pyrene	19.60	202	135952	2.84	ng/ul#	94
82) Benzo(a)anthracene	21.35	228	59682	1.23	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.27	149	83643	3.28	ng/ul#	99
84) Chrysene	21.40	228	66951	1.52	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	93885	2.13	ng/ul	95
88) Benzo(k)fluoranthene	22.96	252	93885	2.24	ng/ul	94
90) Benzo(a)pyrene	23.54	252	53401	1.27	ng/ul	94

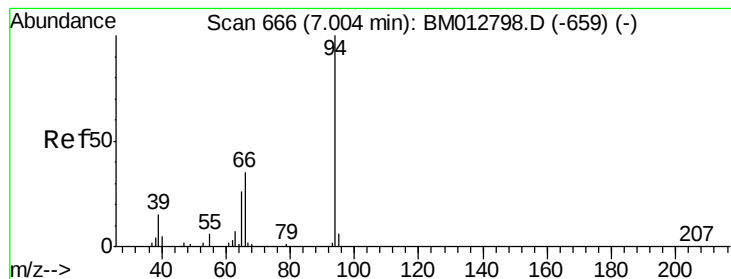
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.95 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

Instrument :

BNA_M

ClientSampled :

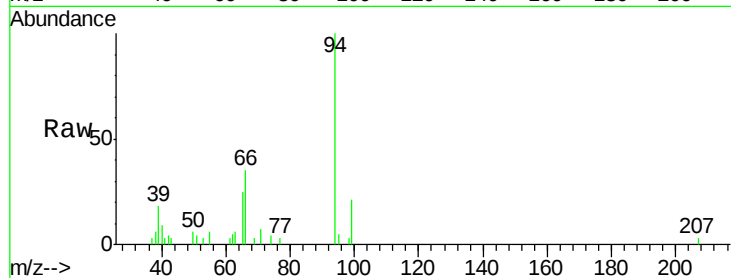
Tot Ion: 94 Resp: 19158

Ion Ratio Lower Upper

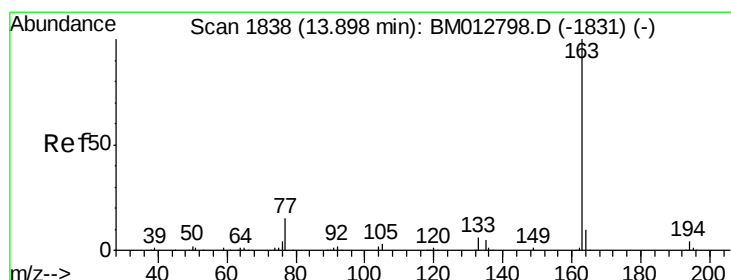
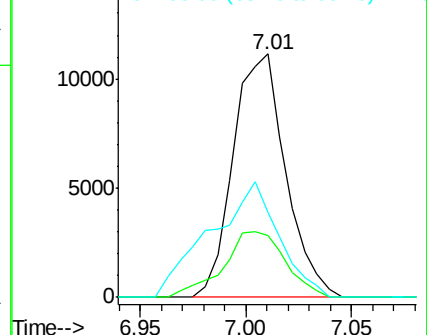
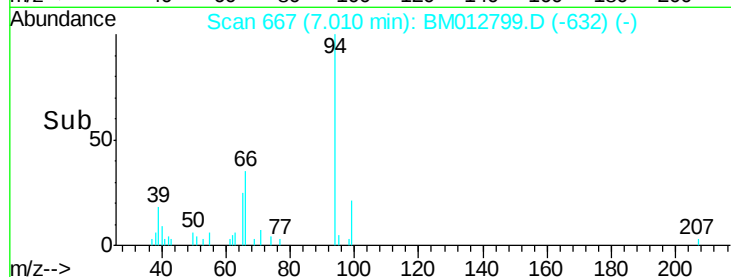
94 100

65 25.3 21.0 31.6

66 35.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012799.D (-632) (-)



#44

Dimethylphthalate

Concen: 4.99 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

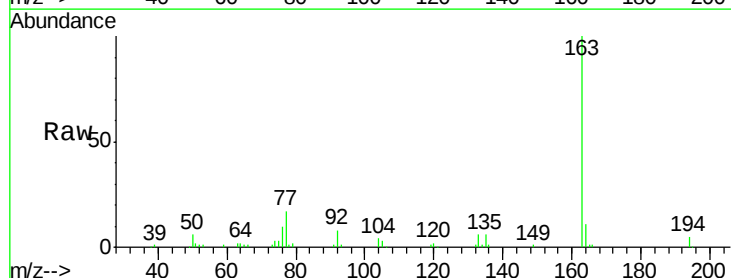
Tgt Ion: 163 Resp: 147411

Ion Ratio Lower Upper

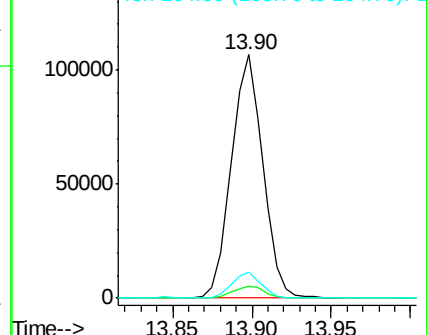
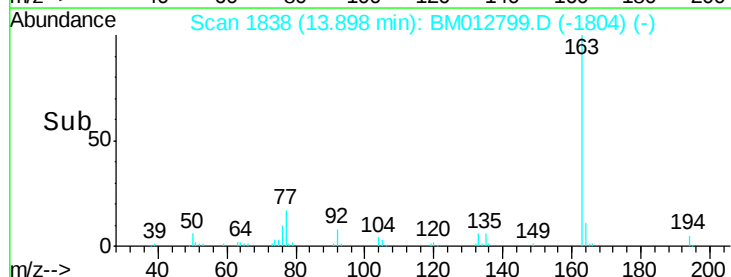
163 100

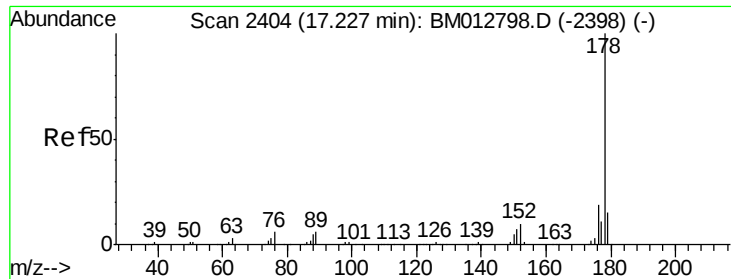
194 5.0 3.2 4.8#

164 10.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): BM012799.D (-1804) (-)

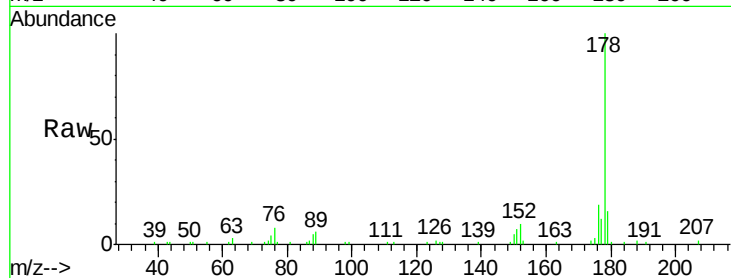




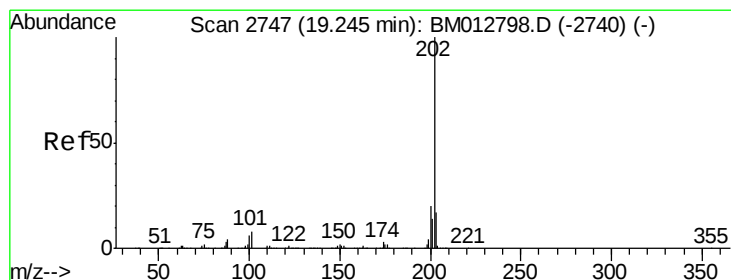
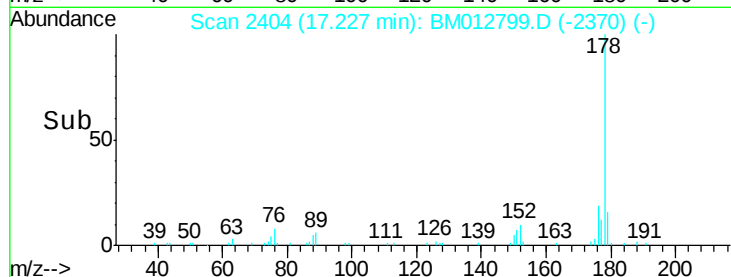
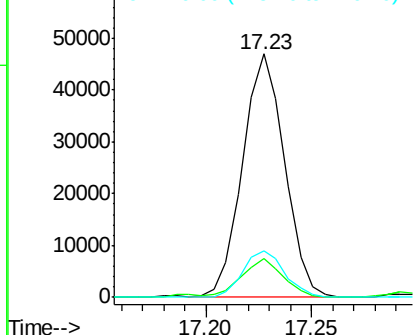
#69
Phenanthrene
Concen: 1.41 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM012799.D
Acq: 07 Nov 2017 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 65027
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.2 15.6 23.4

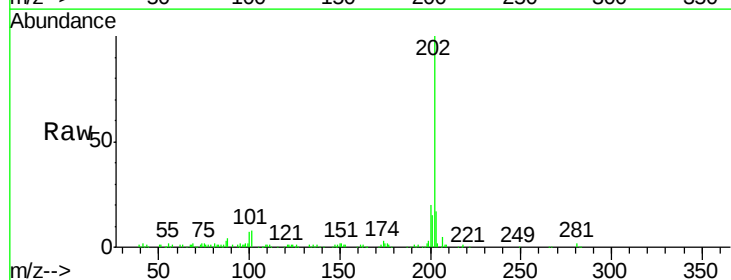


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

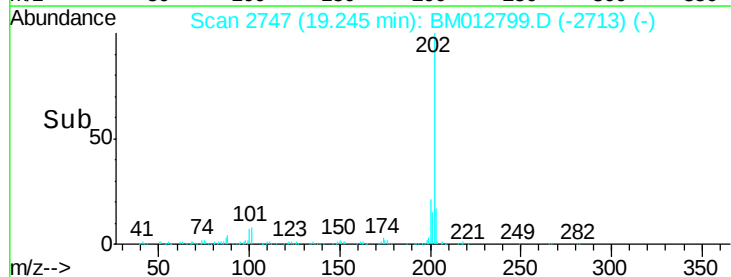
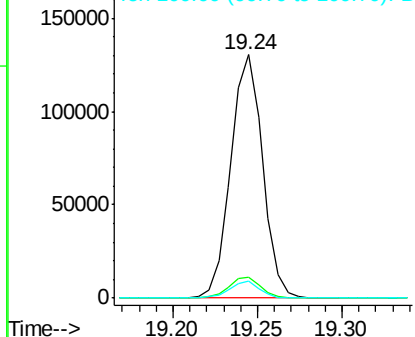


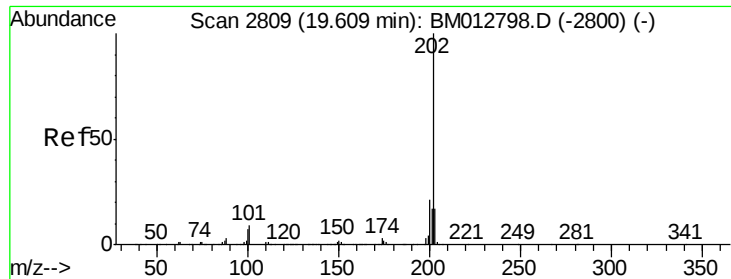
#76
Fluoranthene
Concen: 3.08 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM012799.D
Acq: 07 Nov 2017 17:21

Tgt Ion:202 Resp: 171320
Ion Ratio Lower Upper
202 100
101 8.5 8.8 13.2#
100 7.0 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





#79

Pvrene

Concen: 2.84 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012799.D

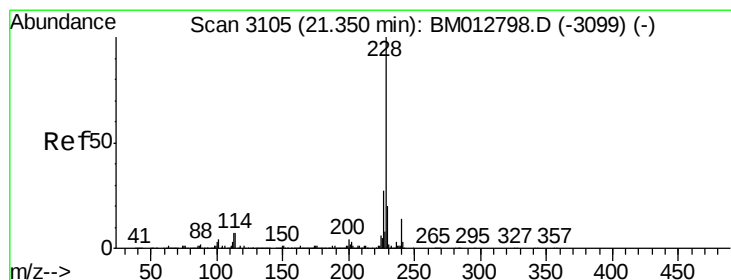
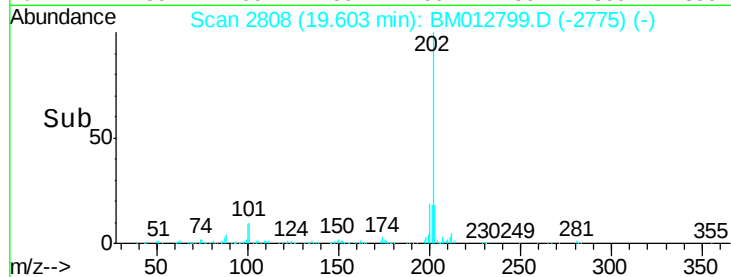
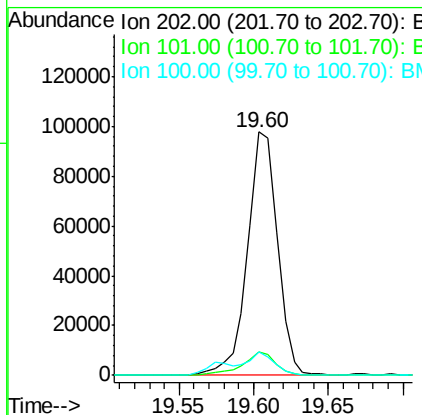
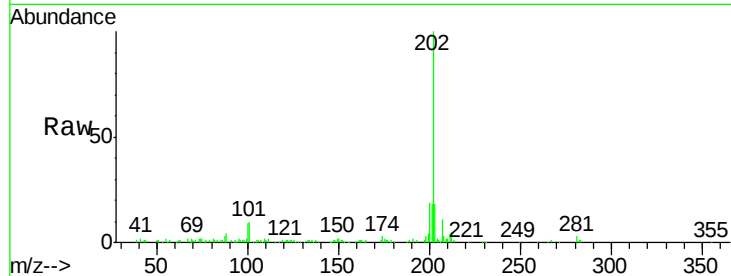
Acq: 07 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	135952
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	9.4	8.5	12.7



#82

Benzo(a)anthracene

Concen: 1.23 ng/ul

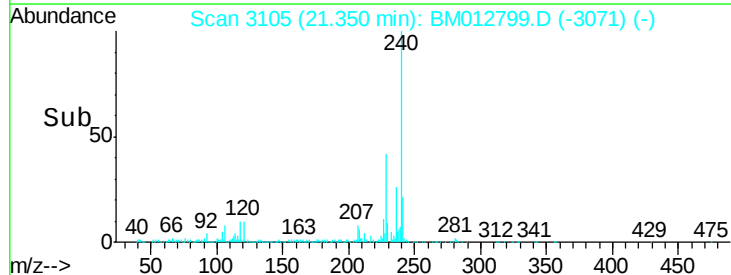
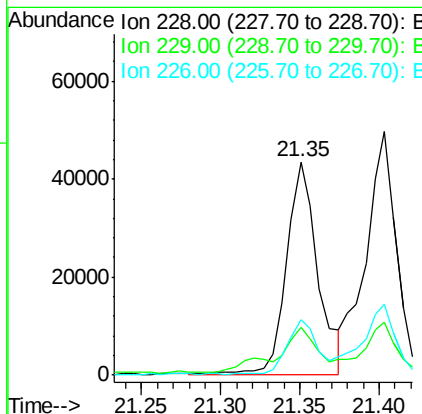
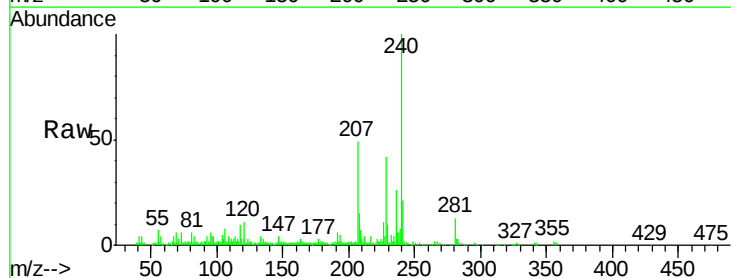
RT: 21.35 min Scan# 3105

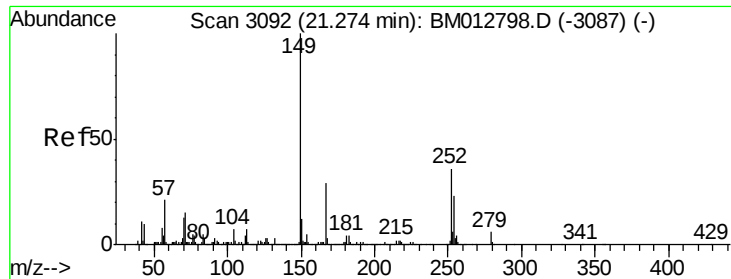
Delta R.T. -0.00 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

Tgt Ion:	228	Resp:	59682
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.7	23.5
226	26.1	21.8	32.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.28 ng/ul

RT: 21.27 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

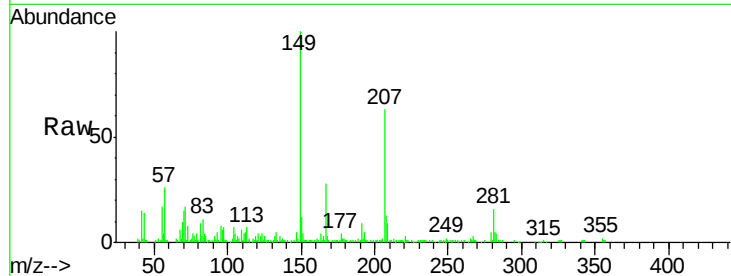
Tot Ion:149 Resp: 83643

Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

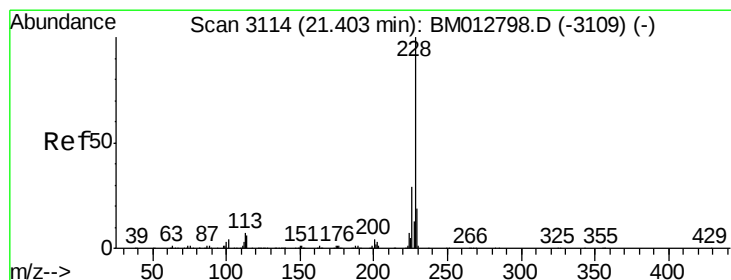
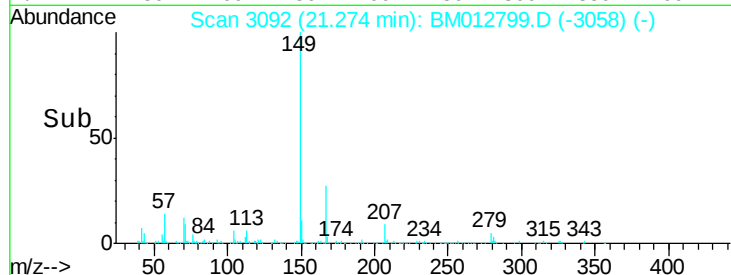
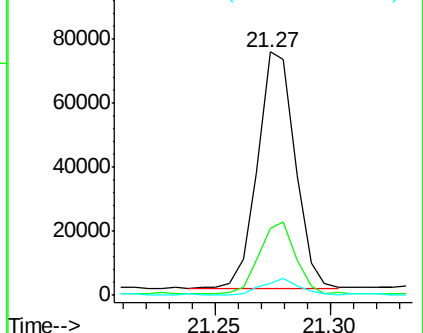
279 5.1 3.0 4.4#



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



#84

Chrysene

Concen: 1.52 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

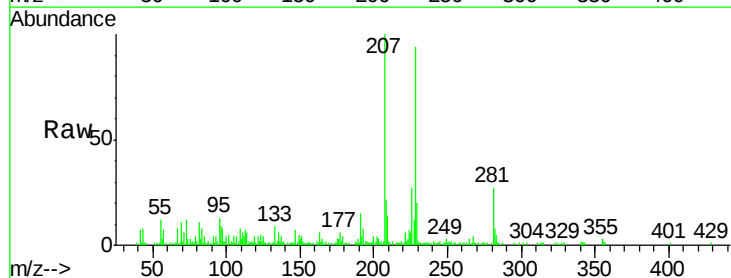
Tgt Ion:228 Resp: 66951

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

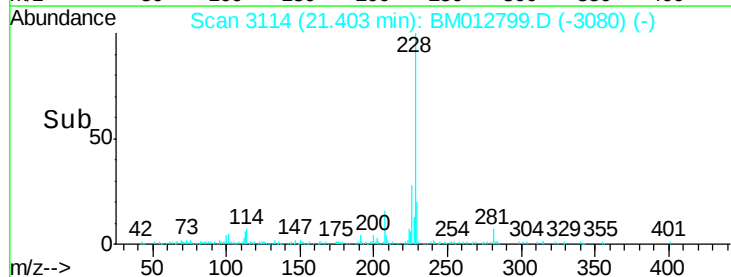
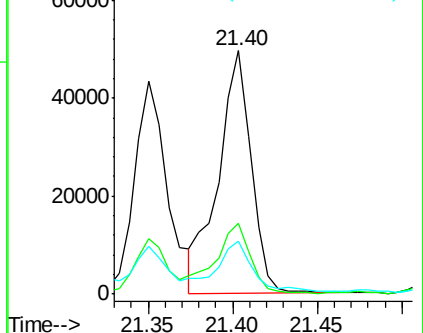
229 21.6 15.6 23.4

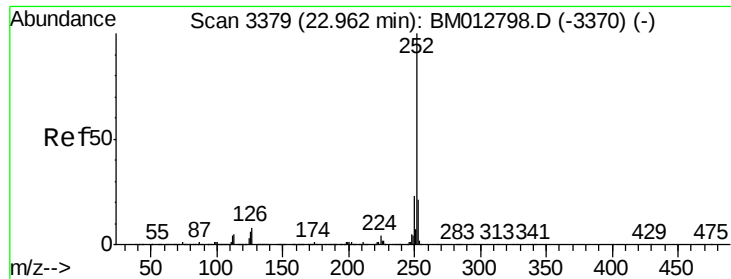


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

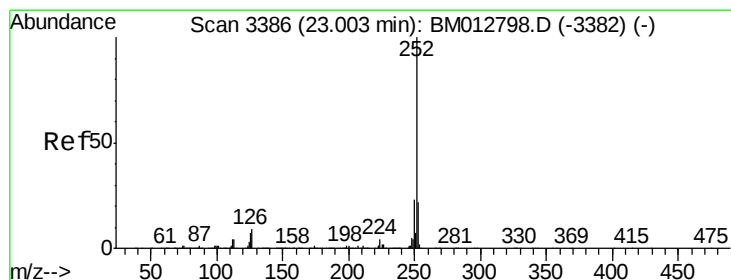
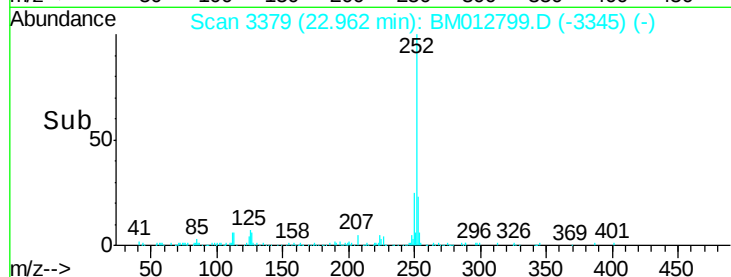
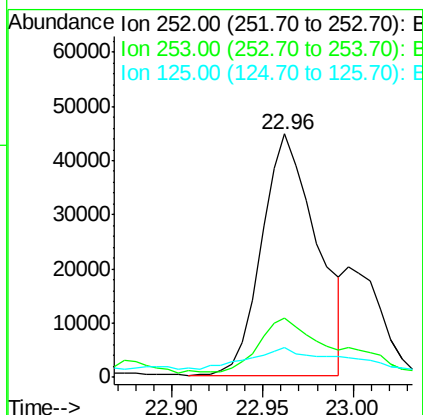
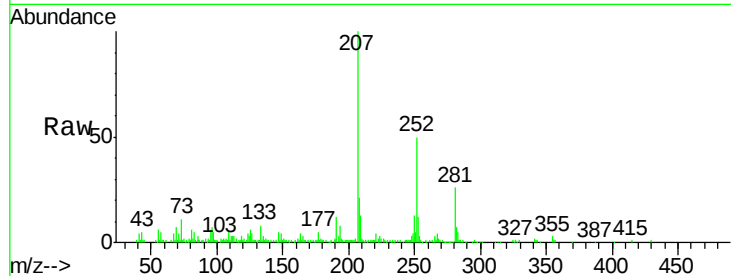




#87
Benzo(b)fluoranthene
Concen: 2.13 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM012799.D
Acq: 07 Nov 2017 17:21

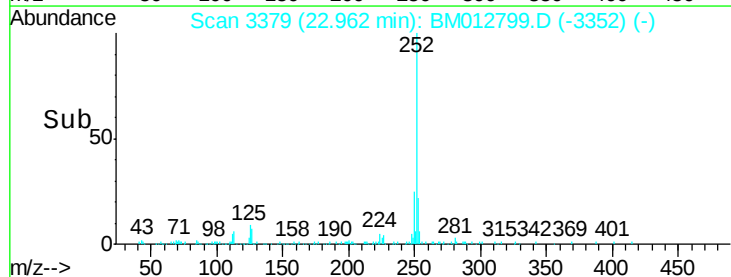
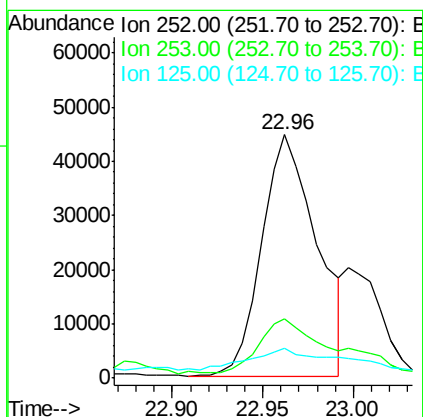
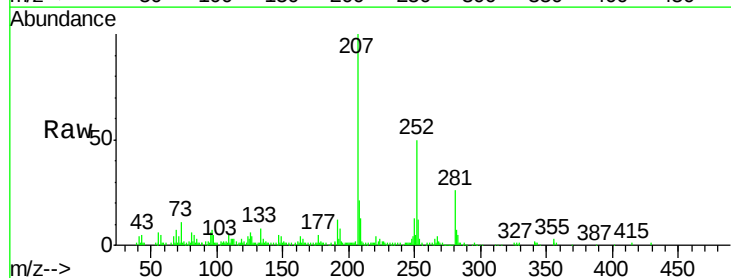
Instrument :
BNA_M
ClientSampleId :

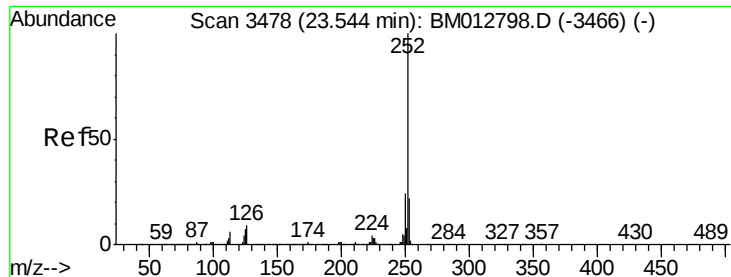
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	12.1	8.5	12.7



#88
Benzo(k)fluoranthene
Concen: 2.24 ng/ul
RT: 22.96 min Scan# 3379
Delta R.T. -0.04 min
Lab File: BM012799.D
Acq: 07 Nov 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	12.1	8.2	12.2





#90

Benzo(a)pyrene

Concen: 1.27 ng/ul

RT: 23.54 min Scan# 3478

Delta R.T. -0.00 min

Lab File: BM012799.D

Acq: 07 Nov 2017 17:21

Instrument :

BNA_M

ClientSampleId :

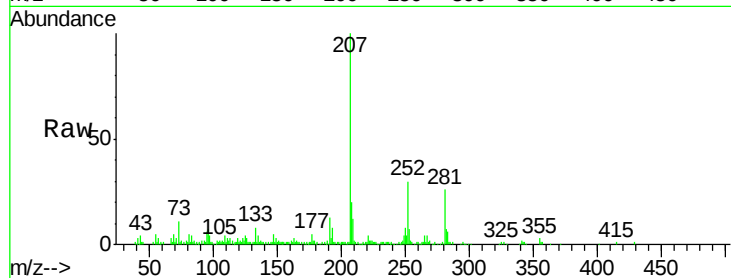
Tot Ion:252 Resp: 53401

Ion Ratio Lower Upper

252 100

253 25.1 17.2 25.8

125 12.6 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

