

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012074.D
 Acq On : 11 Oct 2017 17:54
 Operator : SJ/JU
 Sample : I5490-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:22:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 01:21:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	216703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	911725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	505024	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1053098	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1071213	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1137252	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	25552	5.58	ng/uL	0.00
5) Phenol-d5	7.00	99	478577	25.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	327744	29.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	436028	29.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	423965	26.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	206203	31.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	243180	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	435458	29.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	5416	0.34	ng/ul	0.08
43) Dimethylphthalate-d6	13.89	166	1388498	31.72	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1688606	32.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	107777	14.09	ng/ul	0.00
57) Fluorene-d10	15.48	176	1172564	30.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	173704	24.51	ng/ul	0.00
70) Anthracene-d10	17.33	188	1704312	32.84	ng/ul	0.00
76) Pyrene-d10	19.62	212	1792545	37.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1722392	31.48	ng/ul	0.00

Target Compounds

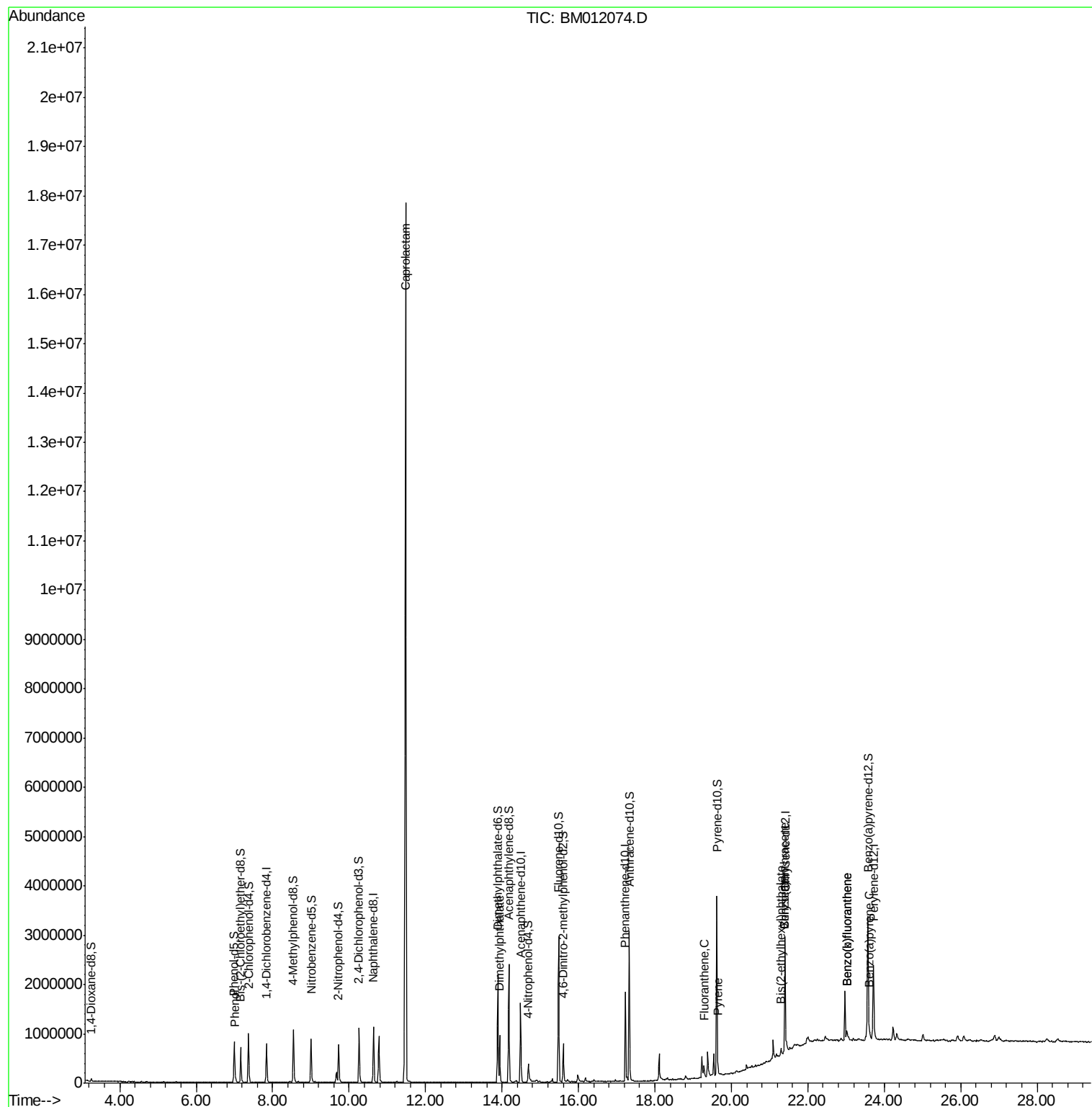
					Ovalue	
6) Phenol	7.02	94	31193	1.691	ng/ul	92
32) Caprolactam	11.48	113	1338939	286.365	ng/ul#	1
44) Dimethylphthalate	13.94	163	581402	13.807	ng/ul	99
74) Fluoranthene	19.29	202	125971	1.782	ng/ul#	87
77) Pyrene	19.65	202	124295	2.093	ng/ul#	86
80) Benzo(a)anthracene	21.39	228	74226	1.210	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.30	149	46519	1.344	ng/ul	100
82) Chrysene	21.39	228	74226	1.273	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	111489	1.613	ng/ul#	88
86) Benzo(k)fluoranthene	23.02	252	111489	1.615	ng/ul#	86
88) Benzo(a)pyrene	23.61	252	73737	1.110	ng/ul#	93

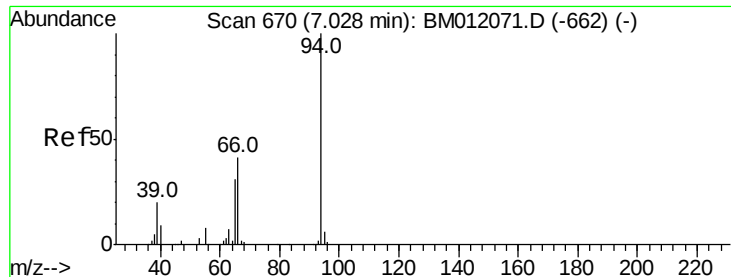
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.691 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampled :

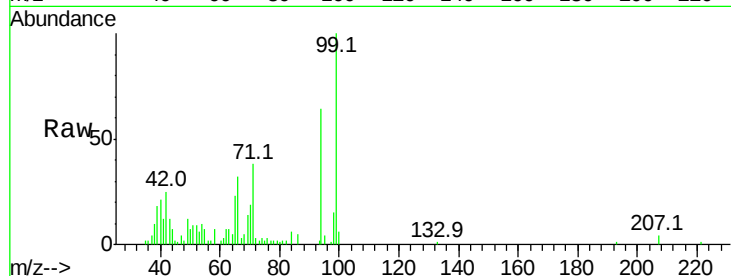
Tot Ion: 94 Resp: 31193

Ion Ratio Lower Upper

94 100

65 35.6 28.2 42.4

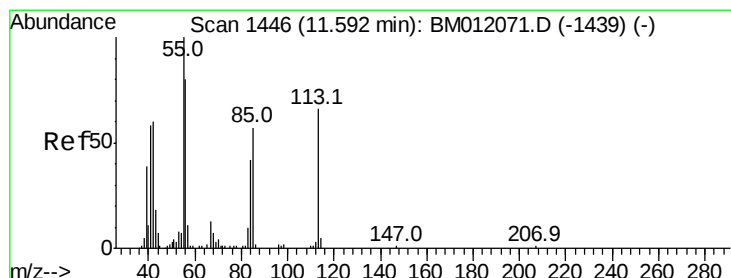
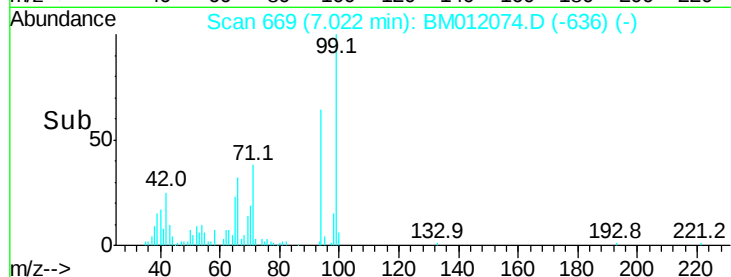
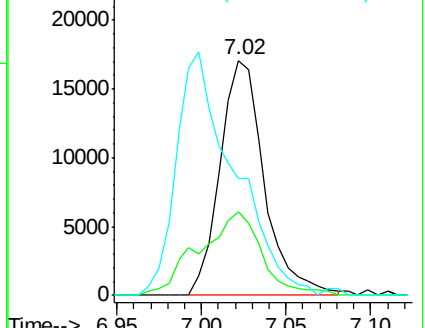
66 49.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012071.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM012071.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM012071.D (-662) (-)



#32

Caprolactam

Concen: 286.365 ng/ul

RT: 11.48 min Scan# 1427

Delta R.T. -0.11 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

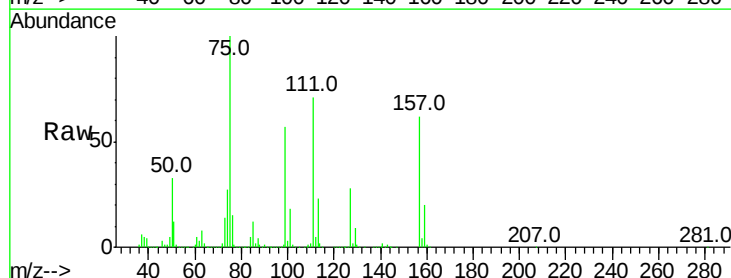
Tgt Ion: 113 Resp: 1338939

Ion Ratio Lower Upper

113 100

55 0.6 208.0 312.0#

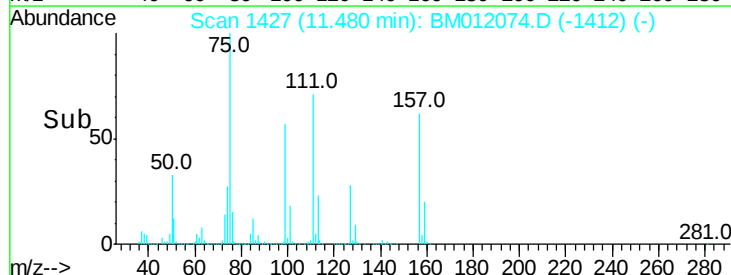
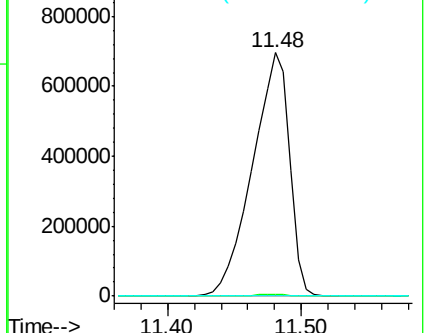
56 0.2 160.0 240.0#

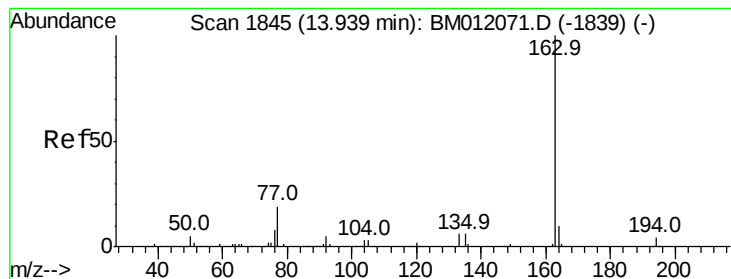


Abundance Ion 113.00 (112.70 to 113.70): BM012071.D (-1439) (-)

Ion 55.00 (54.70 to 55.70): BM012071.D (-1439) (-)

Ion 56.00 (55.70 to 56.70): BM012071.D (-1439) (-)





#44

Dimethylphthalate

Concen: 13.807 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampleId :

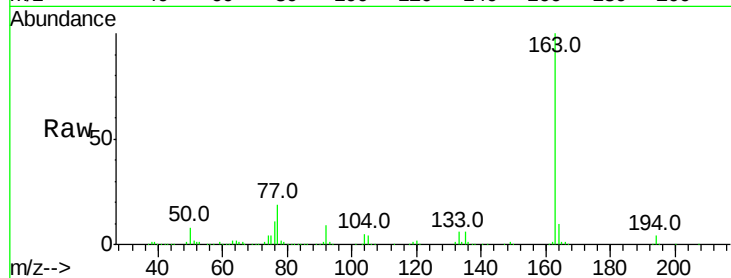
Tot Ion:163 Resp: 581402

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

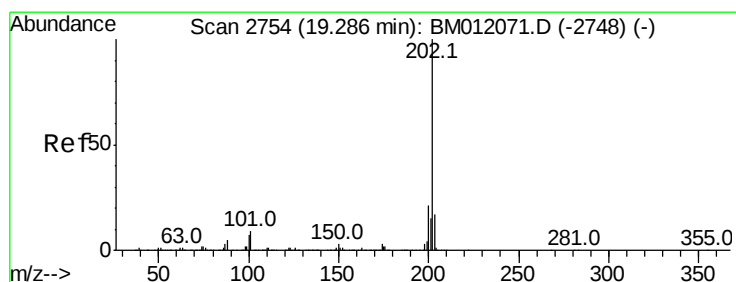
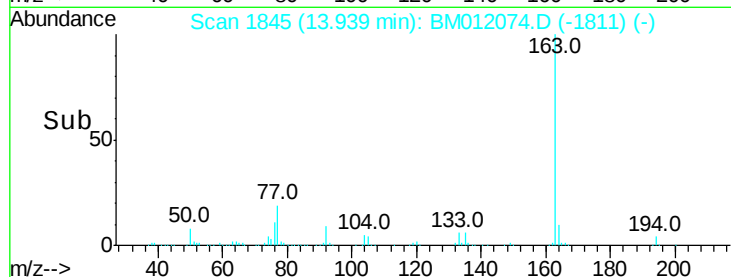
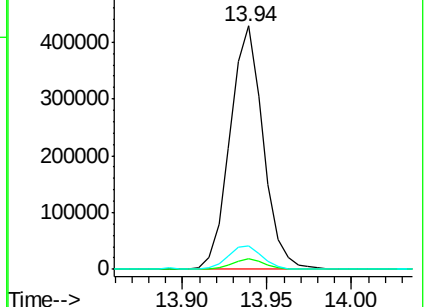
164 9.8 8.2 12.4



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



#74

Fluoranthene

Concen: 1.782 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

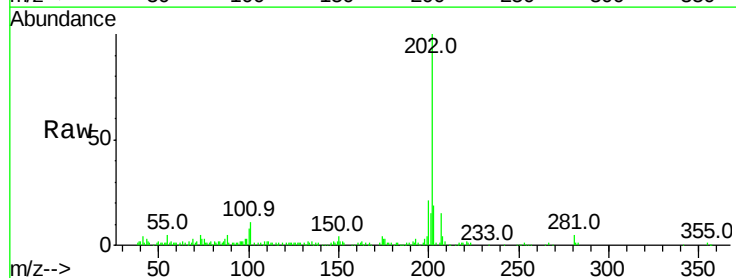
Tgt Ion:202 Resp: 125971

Ion Ratio Lower Upper

202 100

101 10.6 4.6 7.0#

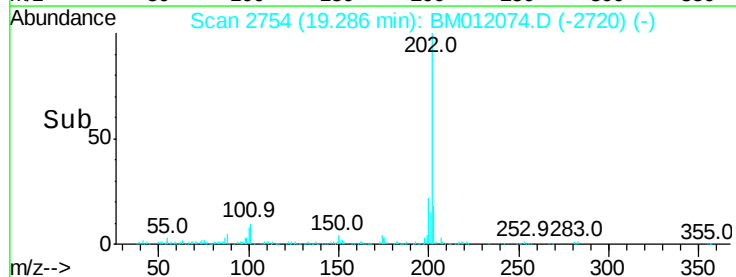
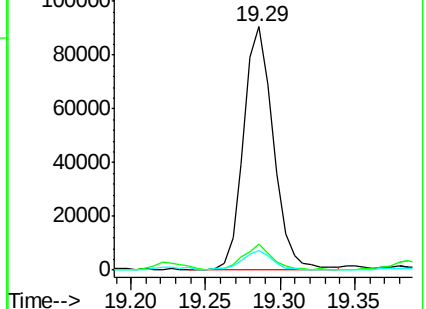
100 8.3 3.4 5.2#

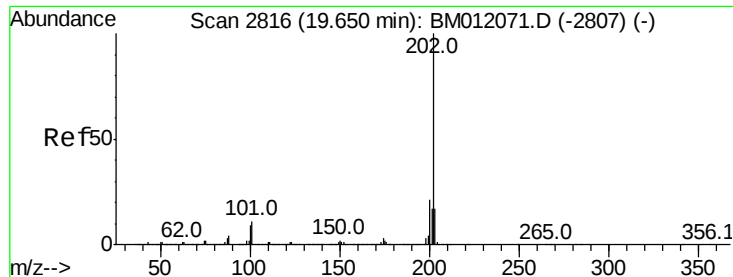


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.093 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampleId :

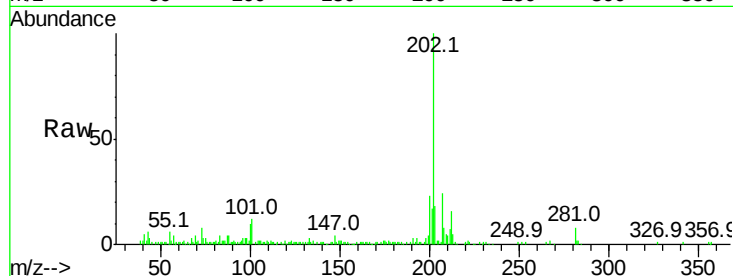
Tot Ion:202 Resp: 124295

Ion Ratio Lower Upper

202 100

101 11.7 5.1 7.7#

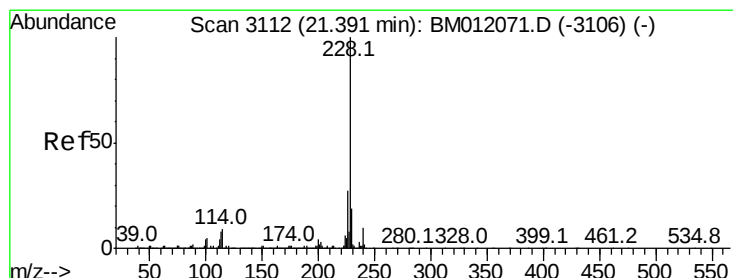
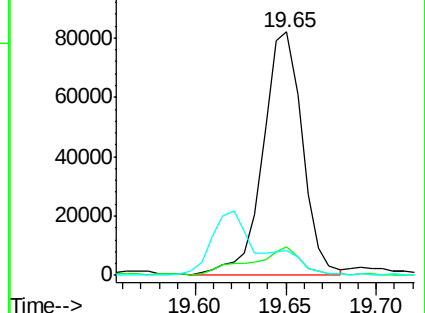
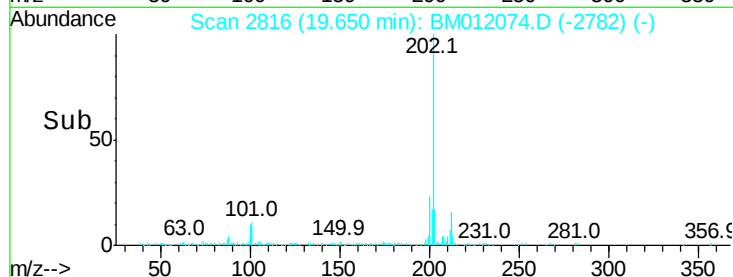
100 10.2 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 1.210 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

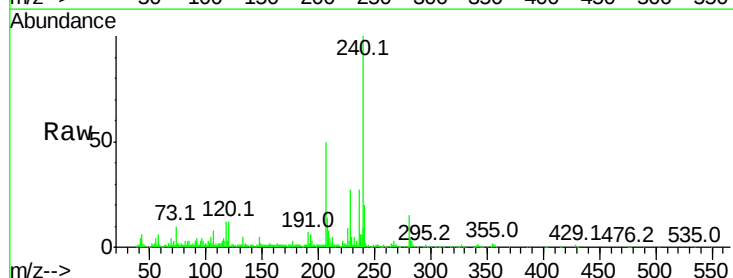
Tgt Ion:228 Resp: 74226

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.0

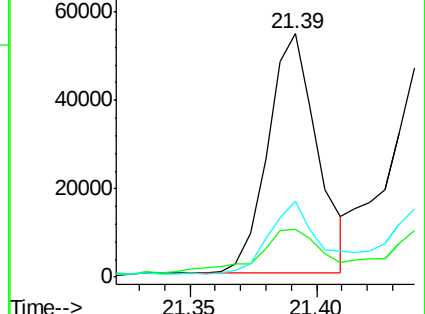
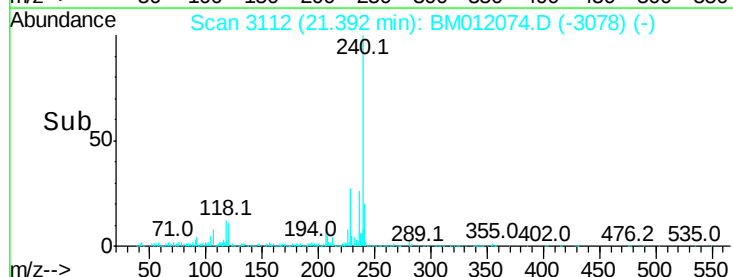
226 31.3 21.4 32.0

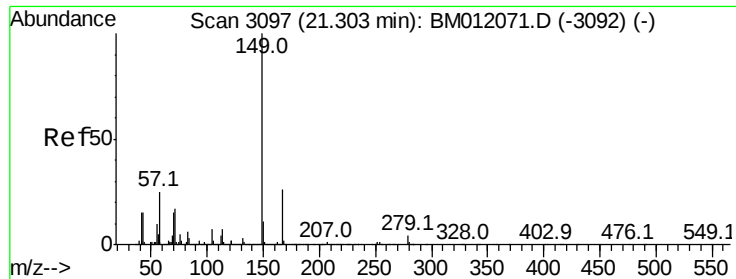


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

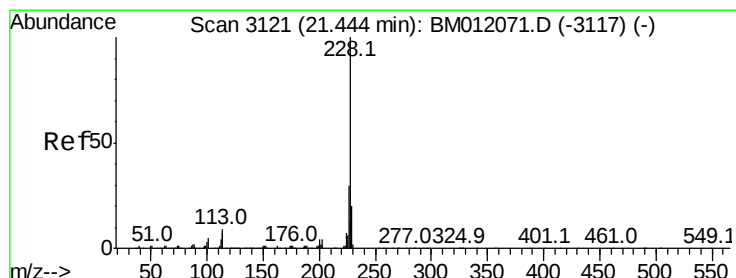
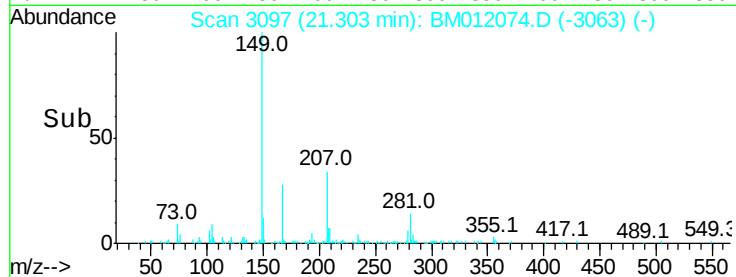
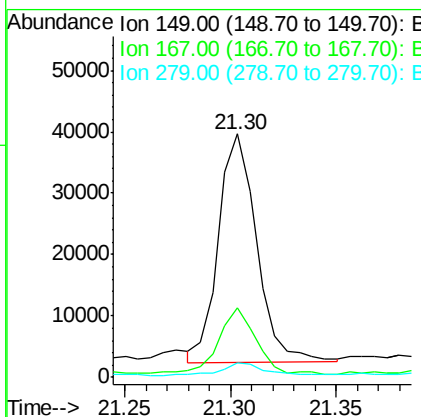
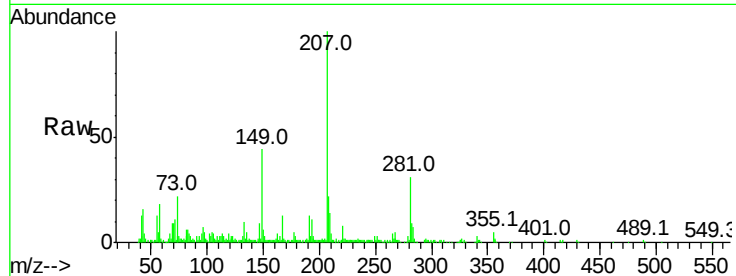




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.344 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM012074.D
 Acq: 11 Oct 2017 17:54

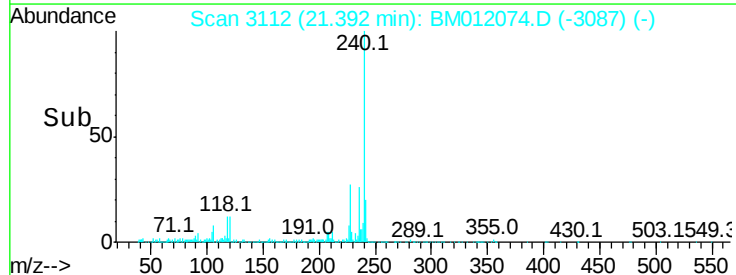
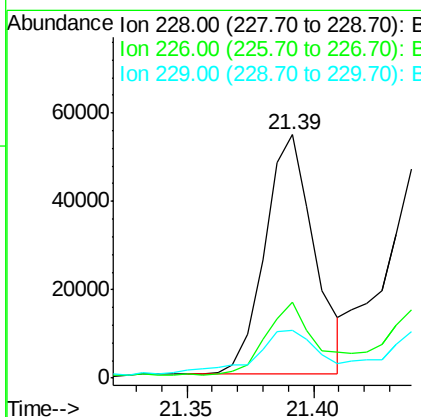
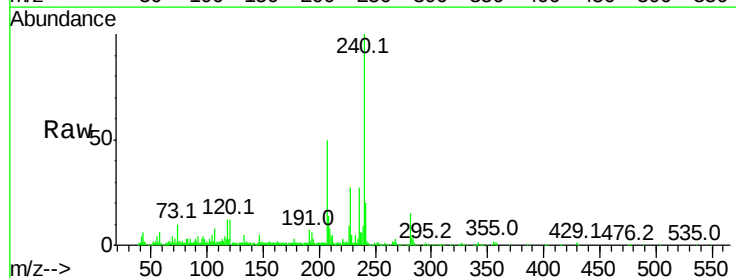
Instrument :
 BNA_M
 ClientSampled :

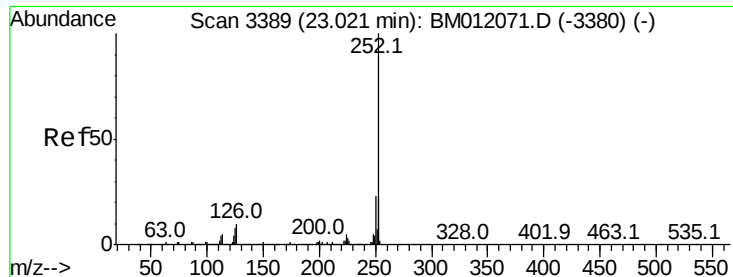
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.9	4.9	7.3



#82
 Chrysene
 Concen: 1.273 ng/ul
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BM012074.D
 Acq: 11 Oct 2017 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	19.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.613 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.00 min

Lab File: BM012074.D

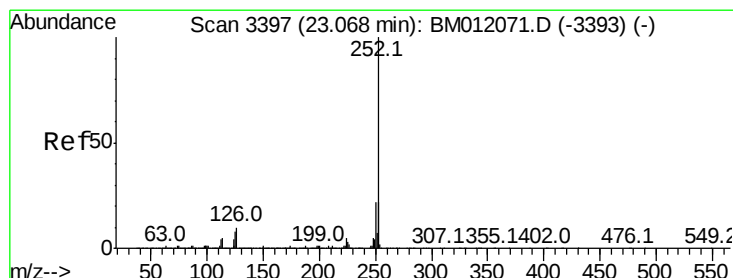
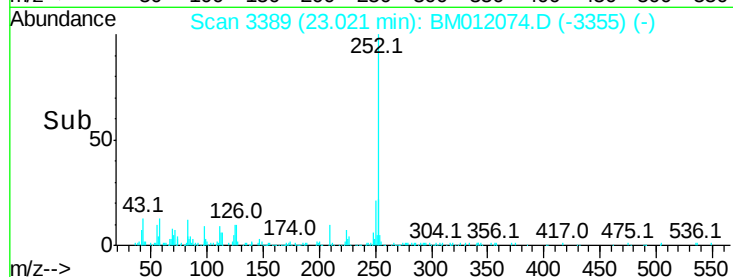
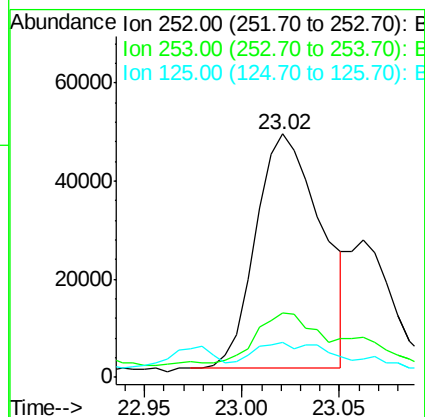
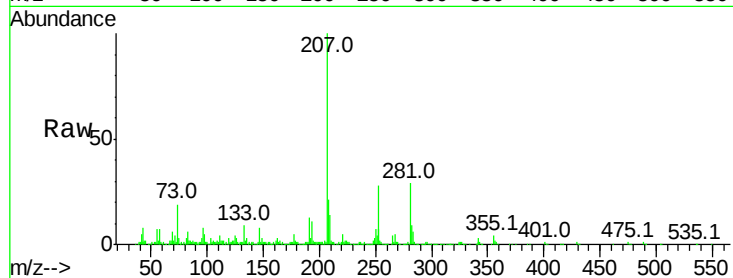
Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	111489
Ion Ratio	Lower	Upper
252	100	
253	26.7	17.9 26.9
125	14.3	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.615 ng/ul

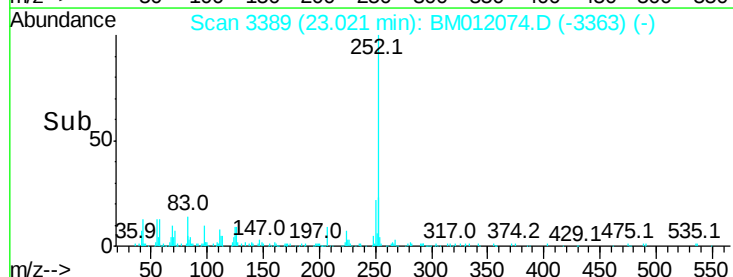
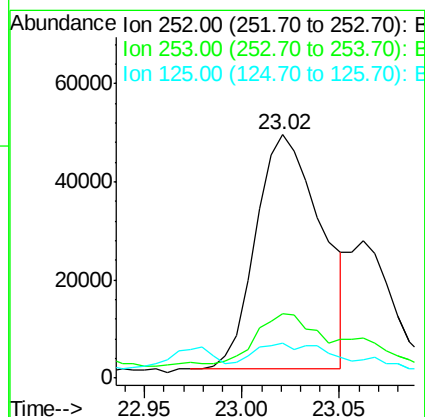
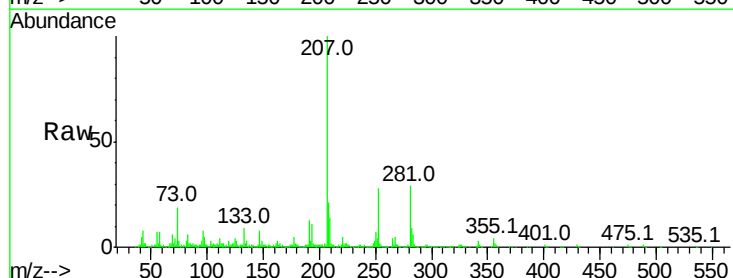
RT: 23.02 min Scan# 3389

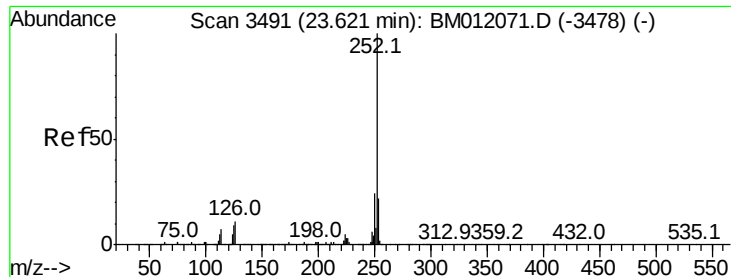
Delta R.T. -0.05 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Tgt Ion:252	Resp:	111489
Ion Ratio	Lower	Upper
252	100	
253	26.7	17.1 25.7#
125	14.3	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.110 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012074.D

Acq: 11 Oct 2017 17:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 73737

Ion Ratio Lower Upper

252 100

253 25.2 18.2 27.2

125 11.0 4.0 6.0#

