

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012373.D
 Acq On : 21 Oct 2017 23:41
 Operator : SJ/JU
 Sample : I5771-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:39:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 07:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	233943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1040167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	671462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1561451	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1469111	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1148161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	19738	4.01	ng/uL	0.00
5) Phenol-d5	6.94	99	444584	23.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	282904	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	401146	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	409228	25.04	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	199386	25.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	233598	25.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	433266	24.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	449283	27.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1549438	26.11	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1849826	25.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	110994	12.44	ng/ul	0.01
57) Fluorene-d10	15.41	176	1311297	26.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	168582	15.73	ng/ul	0.00
70) Anthracene-d10	17.27	188	1979148	25.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	2194260	29.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1428430	25.81	ng/ul	0.00

Target Compounds

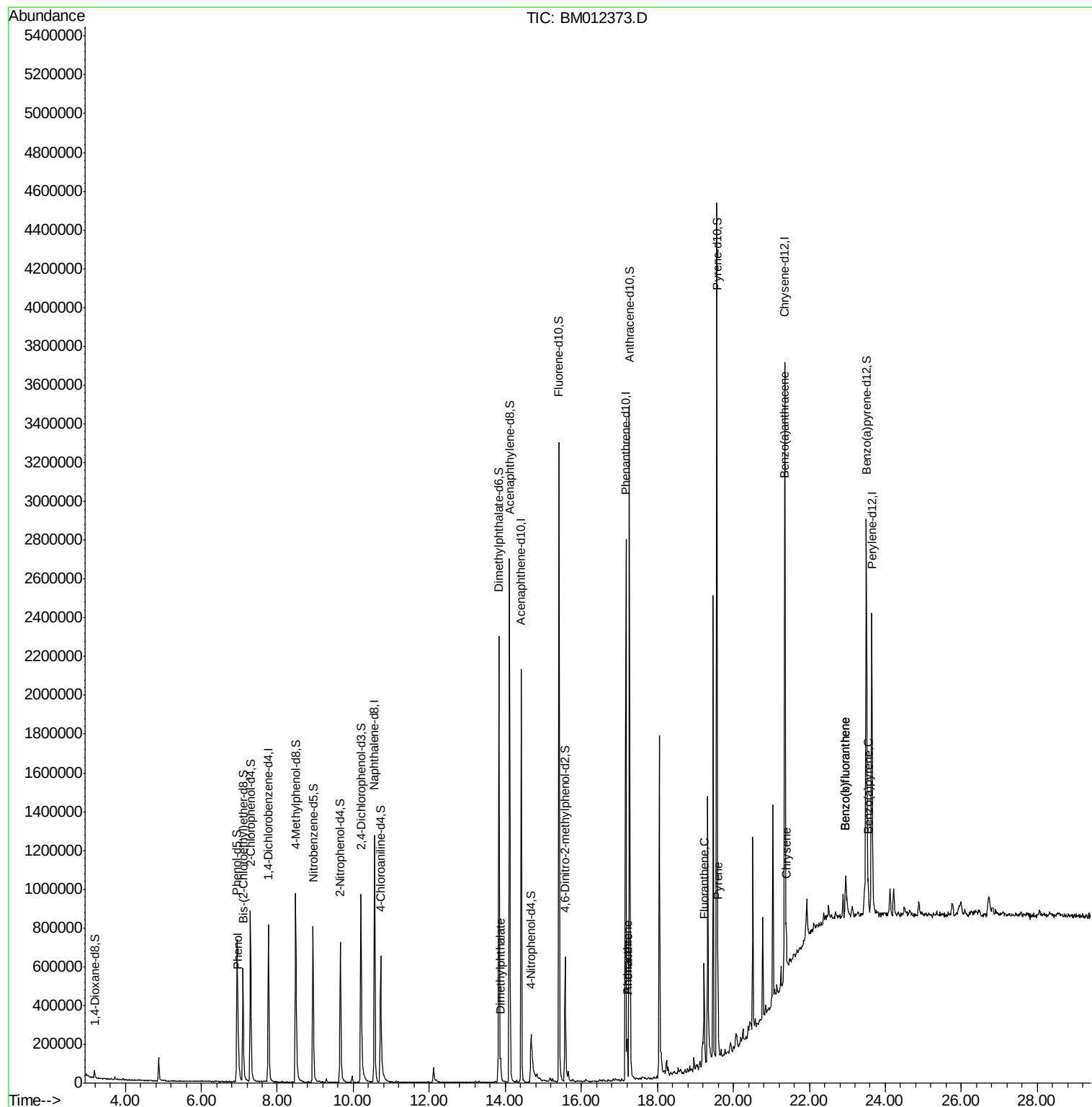
					Ovalue	
6) Phenol	6.97	94	95519	4.868	ng/ul#	87
44) Dimethylphthalate	13.88	163	63513	1.068	ng/ul#	99
69) Phenanthrene	17.21	178	110760	1.247	ng/ul	98
71) Anthracene	17.21	178	110760	1.204	ng/ul	98
74) Fluoranthene	19.23	202	268419	2.504	ng/ul#	97
77) Pyrene	19.59	202	262412	2.705	ng/ul	98
80) Benzo(a)anthracene	21.34	228	135286	1.415	ng/ul	98
82) Chrysene	21.39	228	138838	1.547	ng/ul	95
85) Benzo(b)fluoranthene	22.96	252	137759	1.839	ng/ul#	96
86) Benzo(k)fluoranthene	22.96	252	137759	1.908	ng/ul#	97
88) Benzo(a)pyrene	23.54	252	91501	1.296	ng/ul#	90

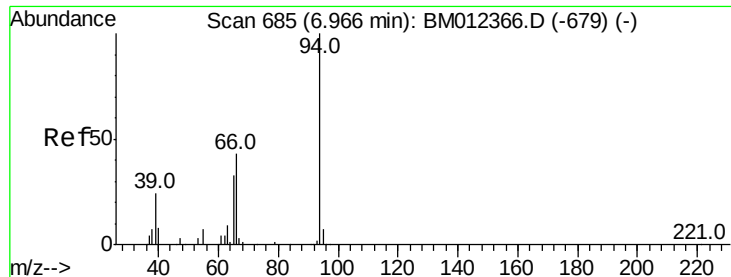
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.868 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

ClientSampleId :

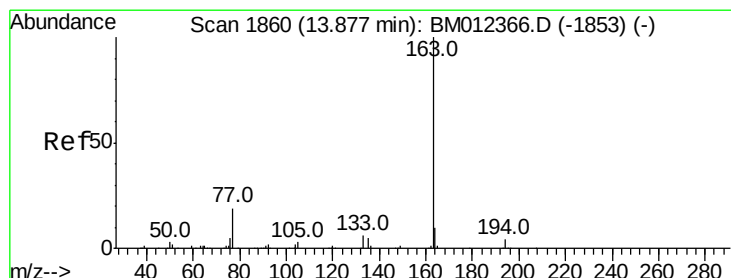
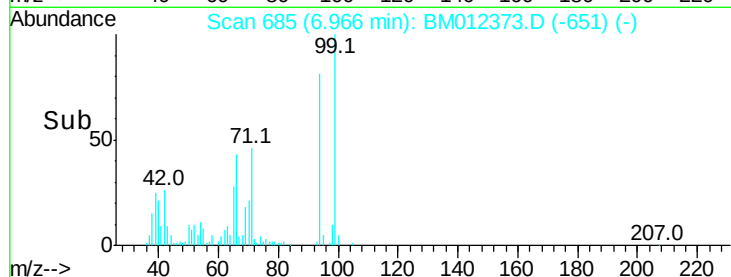
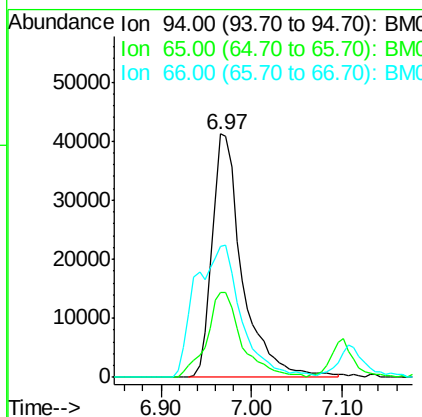
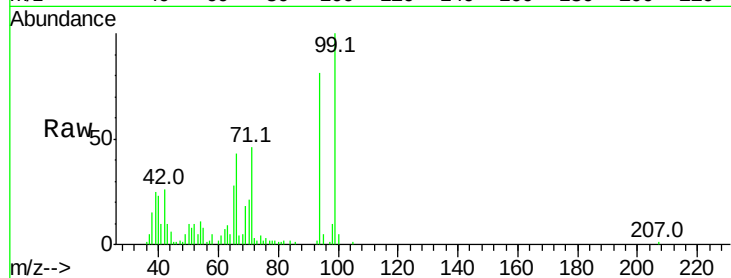
Tot Ion: 94 Resp: 95519

Ion Ratio Lower Upper

94 100

65 35.1 24.4 36.6

66 54.0 35.0 52.4#



#44

Dimethylphthalate

Concen: 1.068 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

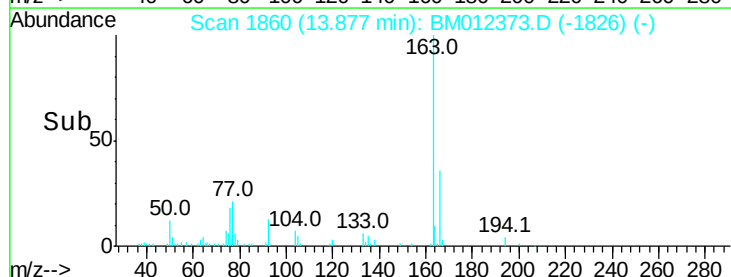
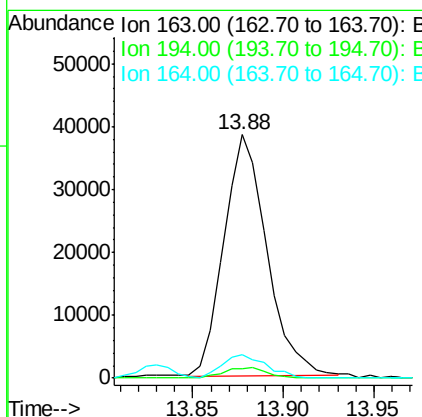
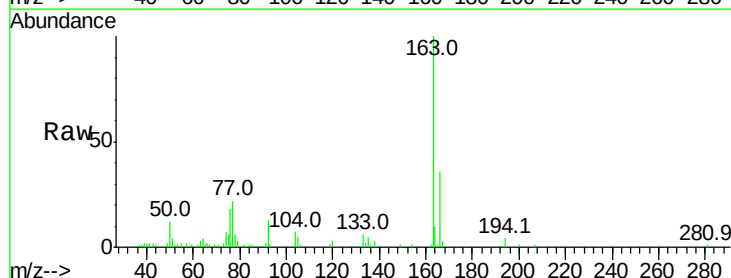
Tgt Ion:163 Resp: 63513

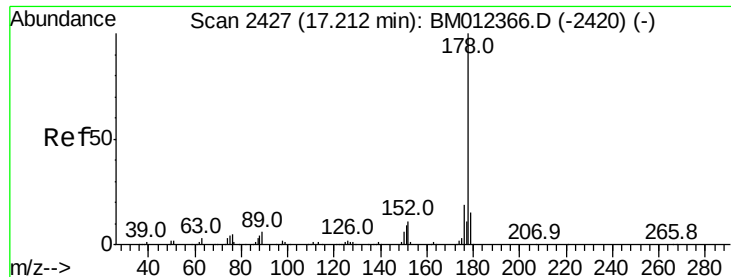
Ion Ratio Lower Upper

163 100

194 3.6 3.7 5.5#

164 9.8 8.1 12.1





#69

Phenanthrene

Concen: 1.247 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

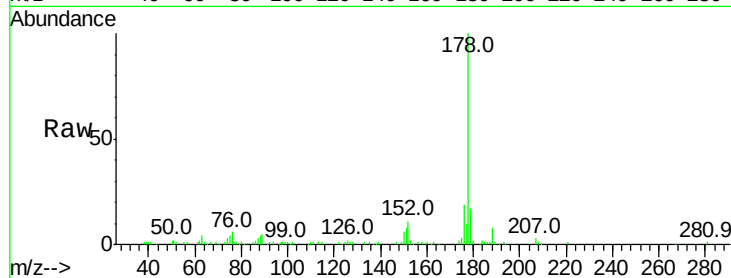
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 110760

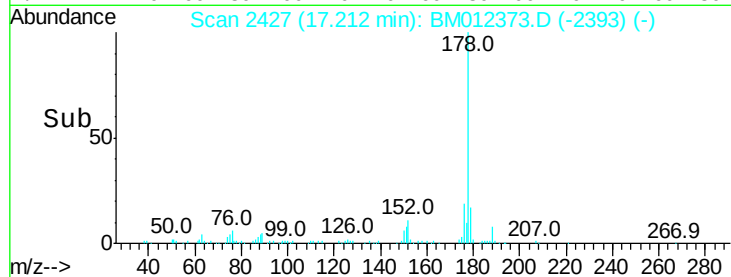
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	19.0	15.0	22.6



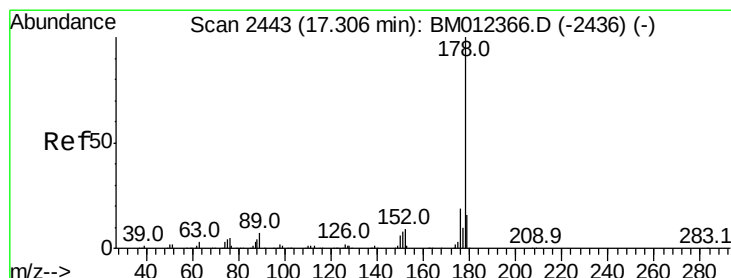
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.15 17.20 17.25



#71

Anthracene

Concen: 1.204 ng/ul

RT: 17.21 min Scan# 2427

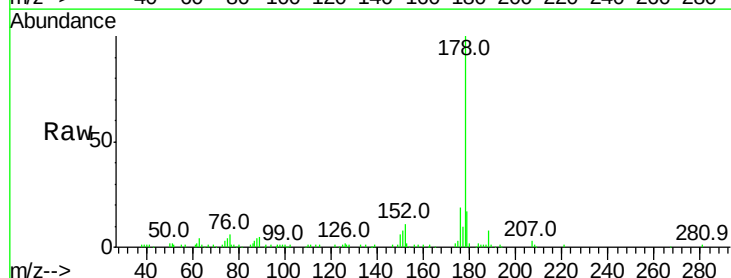
Delta R.T. -0.09 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Tgt Ion:178 Resp: 110760

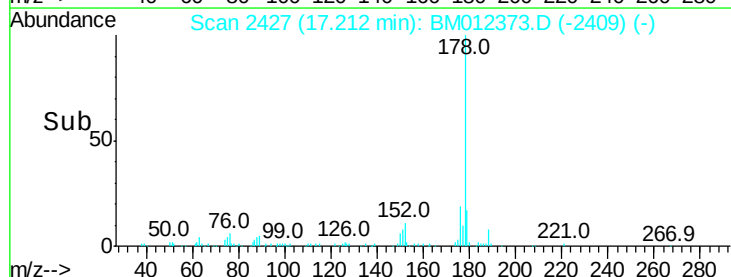
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	19.0	14.7	22.1



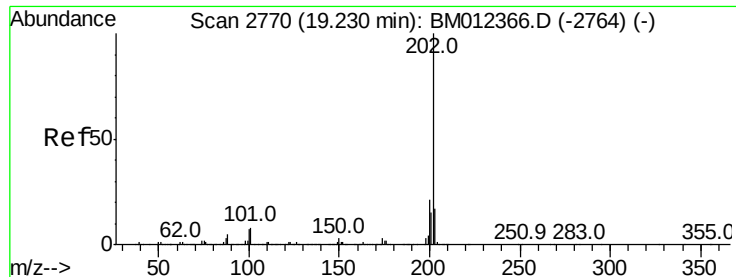
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.15 17.20 17.25



#74

Fluoranthene

Concen: 2.504 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012373.D

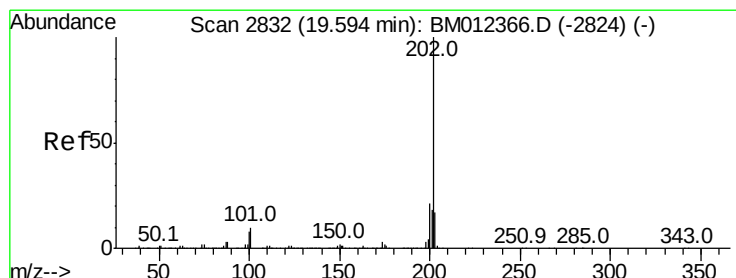
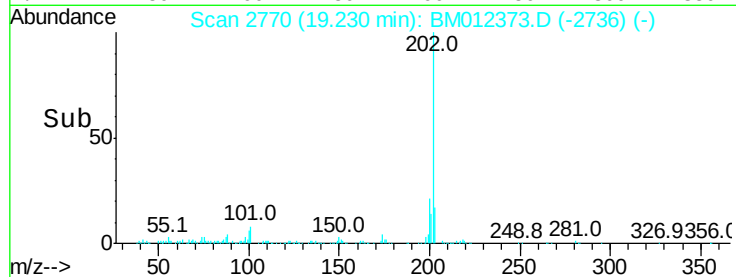
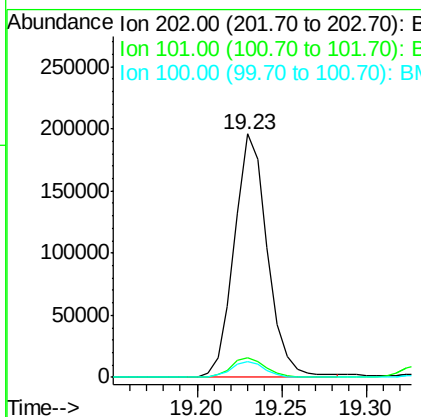
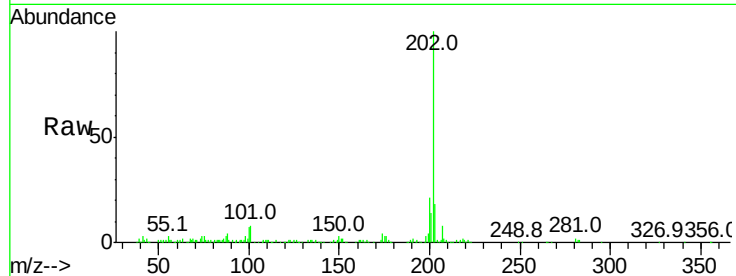
Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	268419
Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.8	8.6
100	6.6	4.3	6.5#



#77

Pyrene

Concen: 2.705 ng/ul

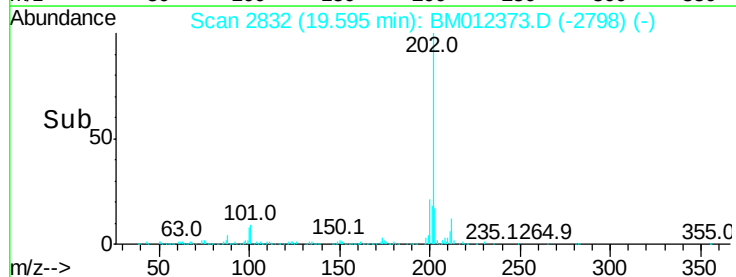
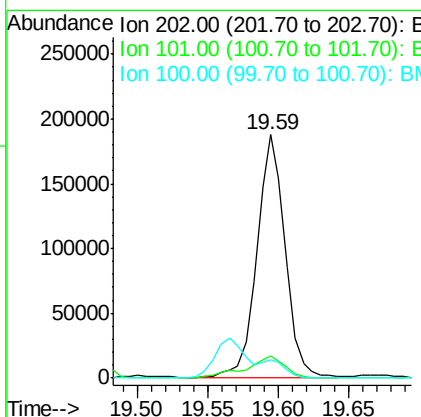
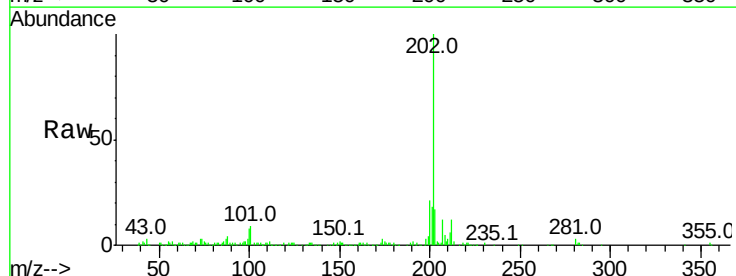
RT: 19.59 min Scan# 2832

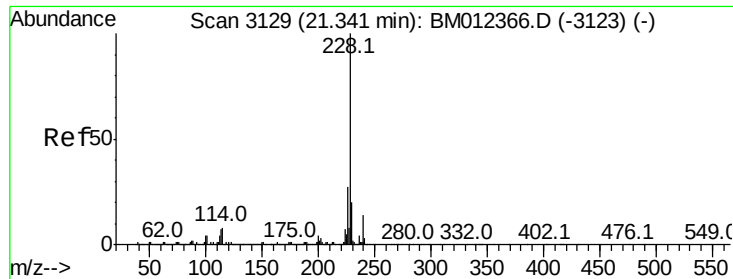
Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Tgt Ion:	202	Resp:	262412
Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.5	9.7
100	7.8	5.6	8.4





#80

Benzo(a)anthracene

Concen: 1.415 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

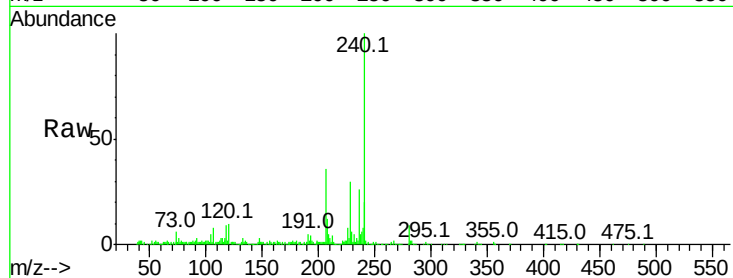
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 135286

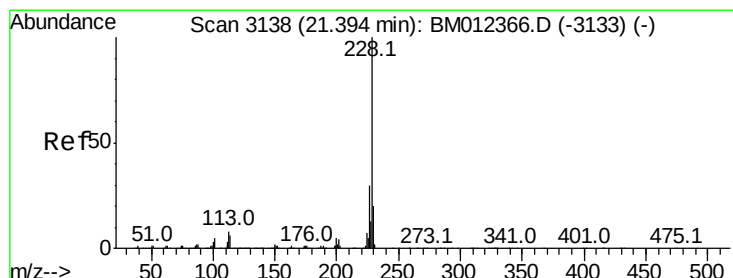
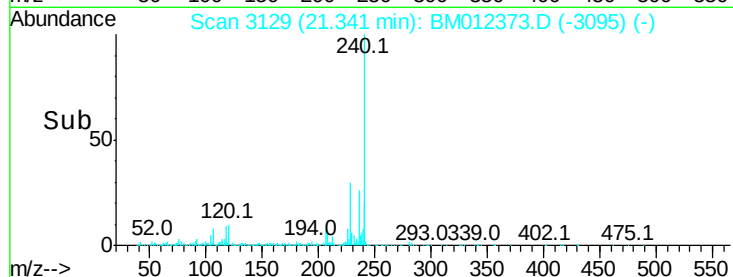
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	27.1	21.4	32.2



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



#82

Chrysene

Concen: 1.547 ng/ul

RT: 21.39 min Scan# 3138

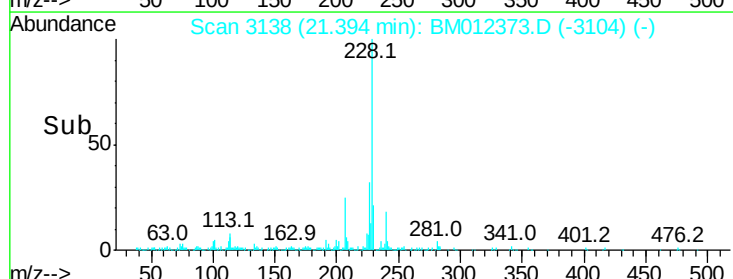
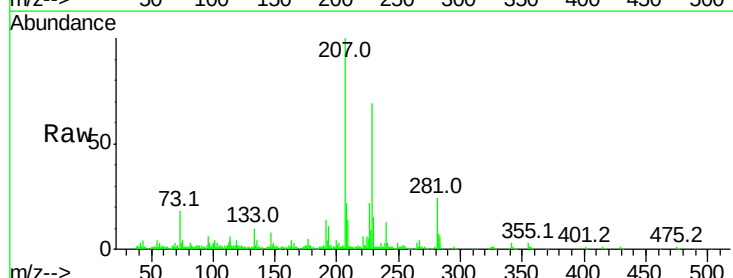
Delta R.T. 0.00 min

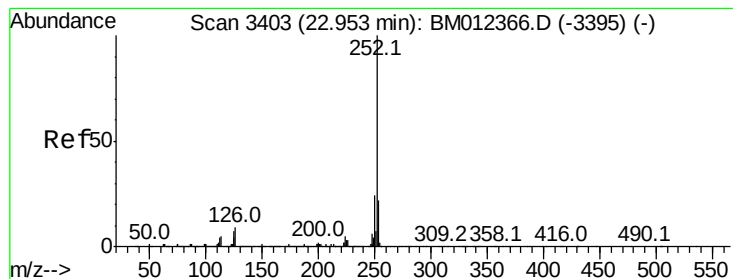
Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Tgt Ion:228 Resp: 138838

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	22.1	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.839 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

ClientSampleId :

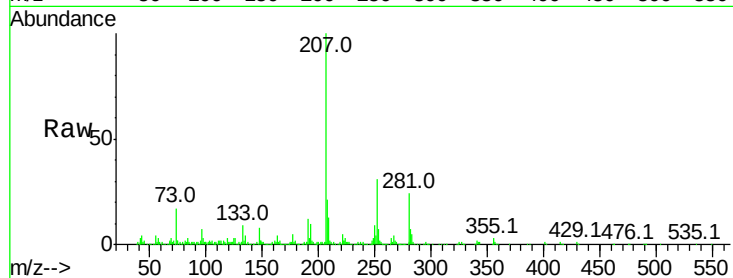
Tot Ion:252 Resp: 137759

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

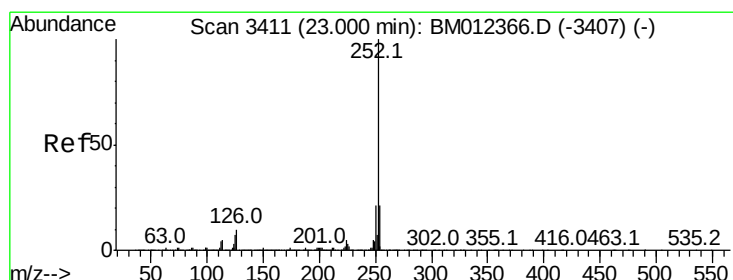
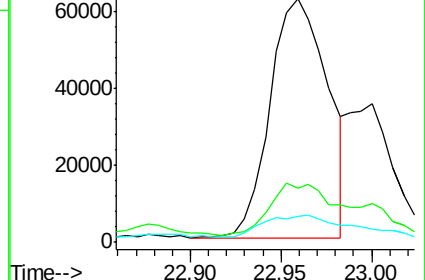
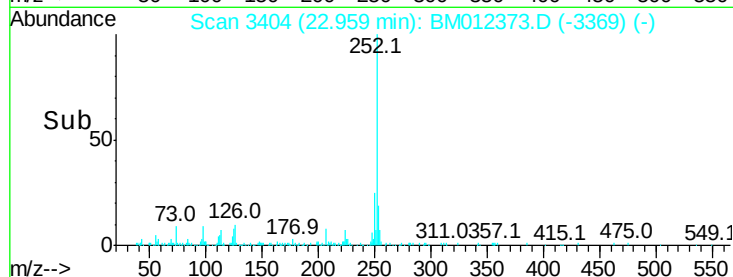
125 10.6 5.1 7.7#



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



#86

Benzo(k)fluoranthene

Concen: 1.908 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. -0.04 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

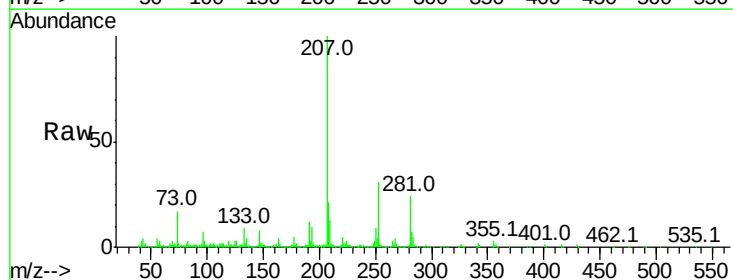
Tgt Ion:252 Resp: 137759

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

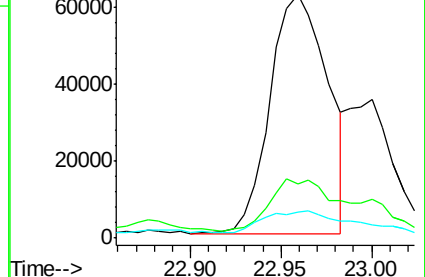
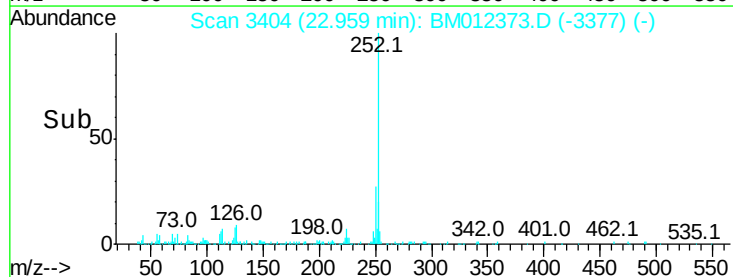
125 10.6 4.9 7.3#

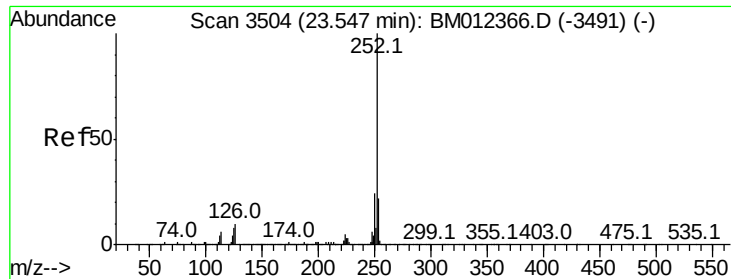


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.296 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012373.D

Acq: 21 Oct 2017 23:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	10.0	5.2	7.8#

