

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012379.D
 Acq On : 22 Oct 2017 03:19
 Operator : SJ/JU
 Sample : I5771-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:41:28 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	201581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	897929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	580806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1361815	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1448180	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1147699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	10637	2.51	ng/uL	0.00
5) Phenol-d5	6.94	99	198459	12.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	137364	14.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	187602	13.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	163195	11.59	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	93129	13.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	108111	13.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	166320	10.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	213764	14.94	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	750255	14.62	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	877061	14.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	19142	2.48	ng/ul	0.04
57) Fluorene-d10	15.41	176	646143	15.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	71049	7.60	ng/ul	0.00
70) Anthracene-d10	17.27	188	989937	14.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	1158906	15.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	812798	14.69	ng/ul	0.00

Target Compounds

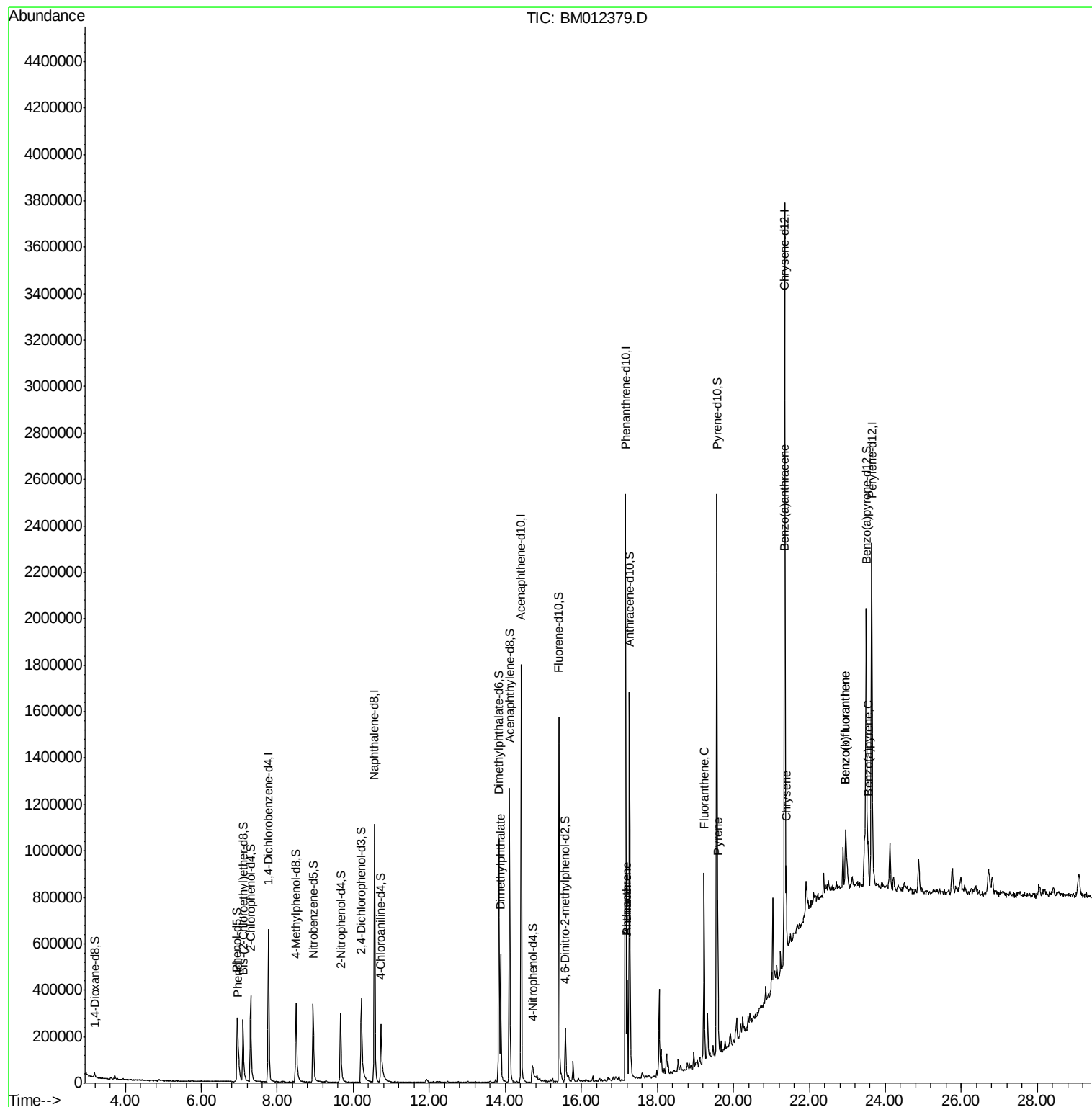
					Ovalue
6) Phenol	6.97	94	52956	3.132 ng/ul	91
44) Dimethylphthalate	13.88	163	396300	7.706 ng/ul	99
69) Phenanthrene	17.21	178	242138	3.126 ng/ul	100
71) Anthracene	17.21	178	242138	3.019 ng/ul	99
74) Fluoranthene	19.23	202	431794	4.619 ng/ul	98
77) Pyrene	19.59	202	384391	4.019 ng/ul#	95
80) Benzo(a)anthracene	21.34	228	206646	2.193 ng/ul	99
82) Chrysene	21.39	228	193542	2.188 ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	212536	2.838 ng/ul#	93
86) Benzo(k)fluoranthene	22.95	252	212536	2.945 ng/ul#	93
88) Benzo(a)pyrene	23.54	252	127163	1.801 ng/ul#	93

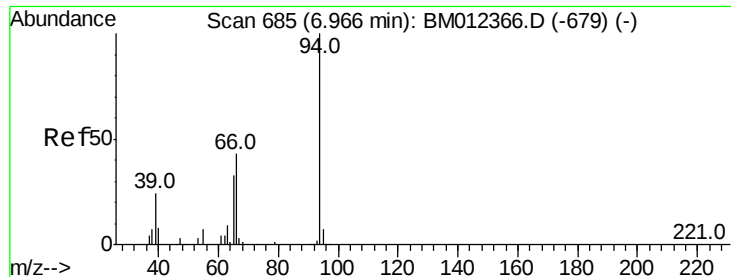
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.132 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampled :

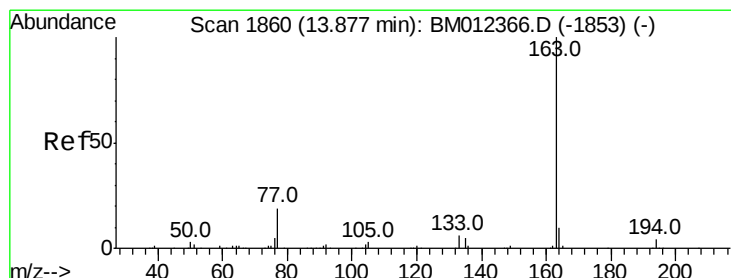
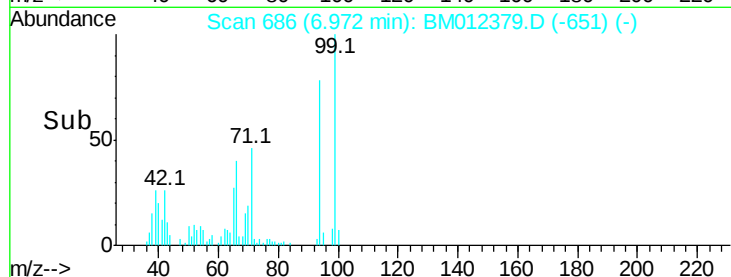
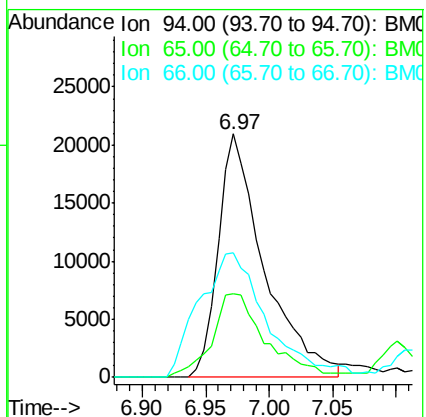
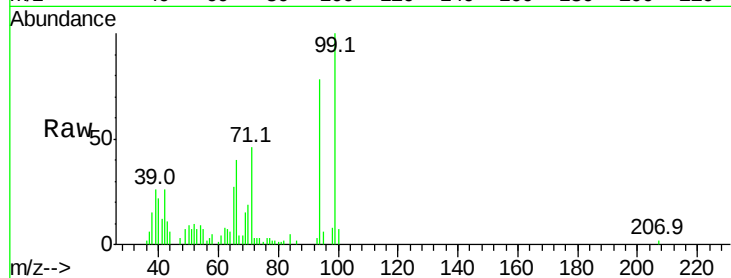
Tot Ion: 94 Resp: 52956

Ion Ratio Lower Upper

94 100

65 34.1 24.4 36.6

66 51.0 35.0 52.4



#44

Dimethylphthalate

Concen: 7.706 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

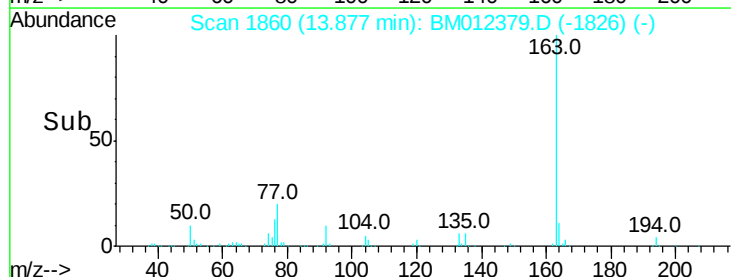
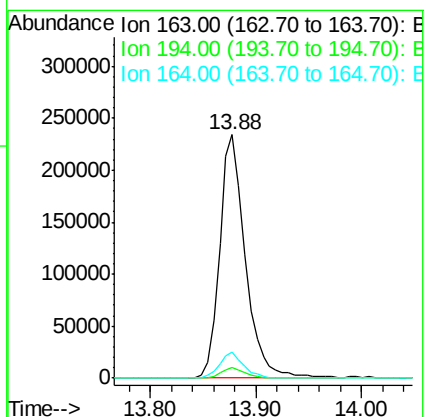
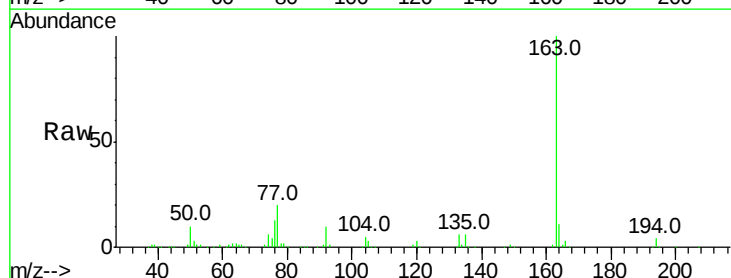
Tgt Ion: 163 Resp: 396300

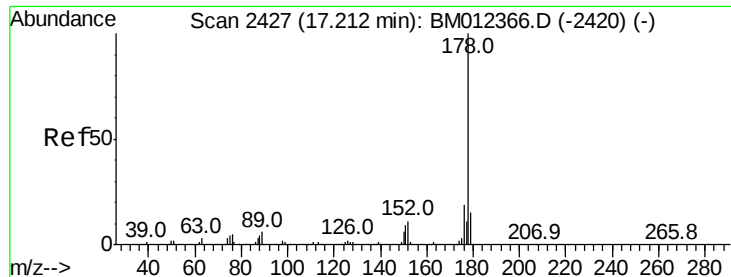
Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 10.5 8.1 12.1





#69

Phenanthrene

Concen: 3.126 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampleId :

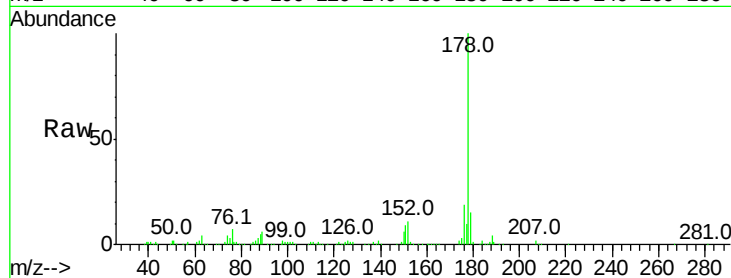
Tot Ion:178 Resp: 242138

Ion Ratio Lower Upper

178 100

179 14.6 12.0 18.0

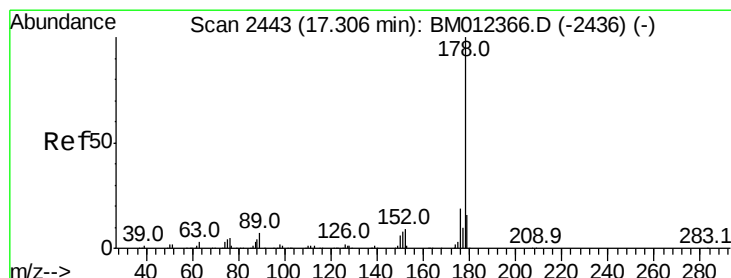
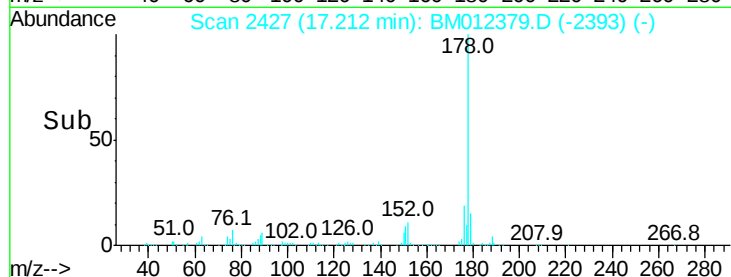
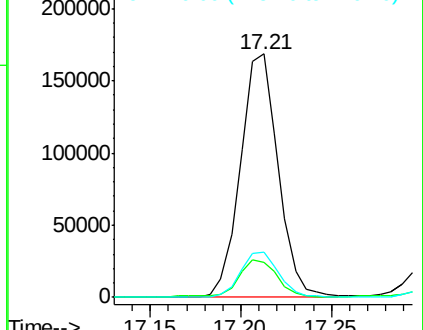
176 18.8 15.0 22.6



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



#71

Anthracene

Concen: 3.019 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

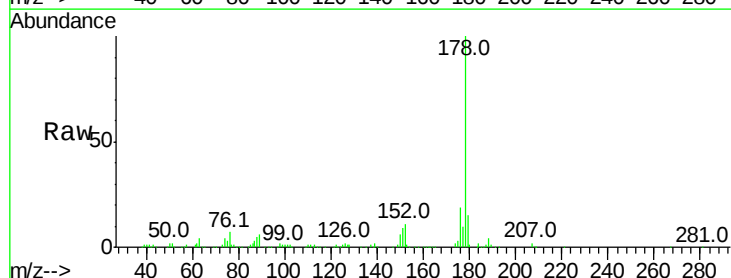
Tgt Ion:178 Resp: 242138

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.4

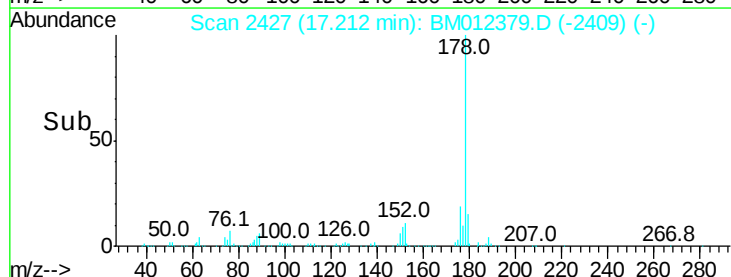
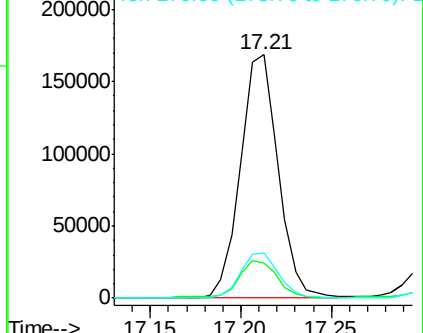
176 18.8 14.7 22.1

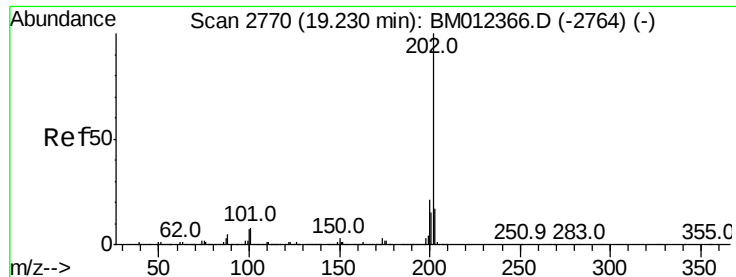


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.619 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampleId :

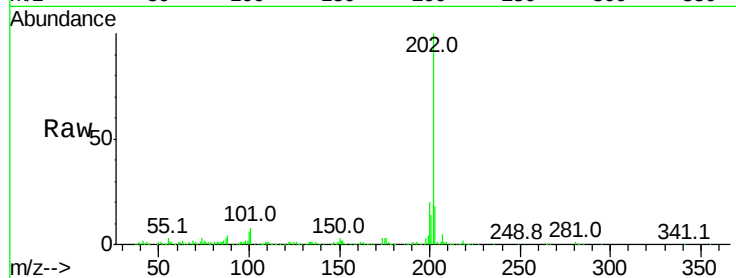
Tot Ion:202 Resp: 431794

Ion Ratio Lower Upper

202 100

101 7.9 5.8 8.6

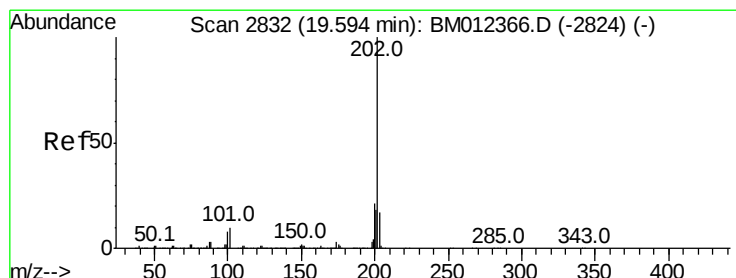
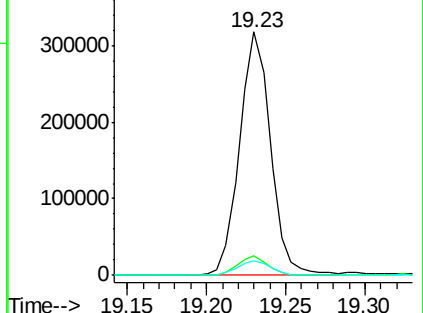
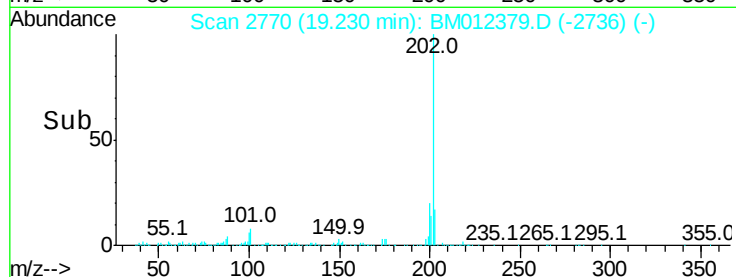
100 6.0 4.3 6.5



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

Pyrene

Concen: 4.019 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

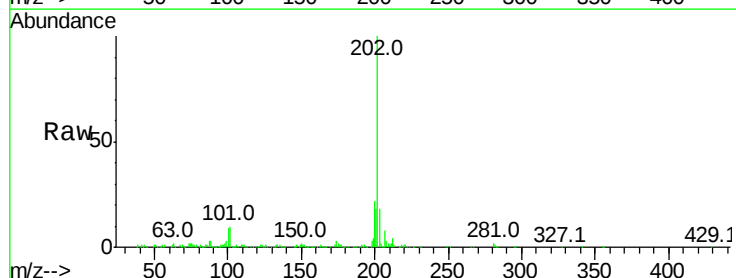
Tgt Ion:202 Resp: 384391

Ion Ratio Lower Upper

202 100

101 9.9 6.5 9.7#

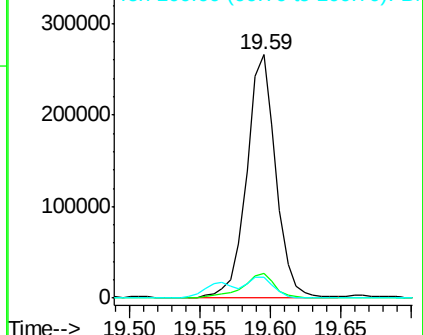
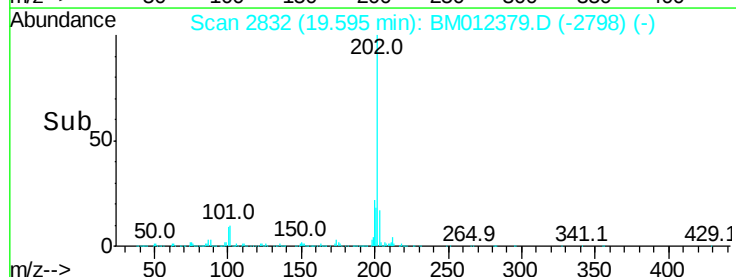
100 8.6 5.6 8.4#

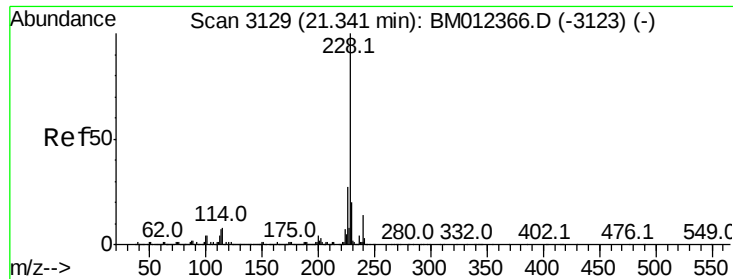


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

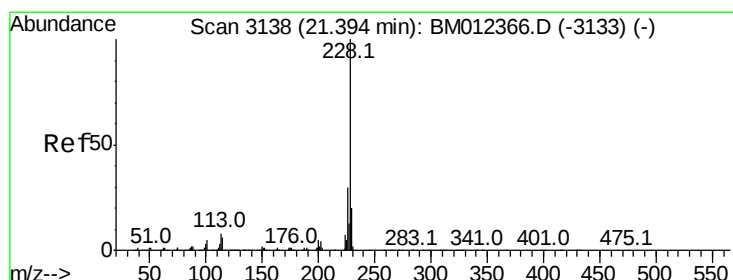
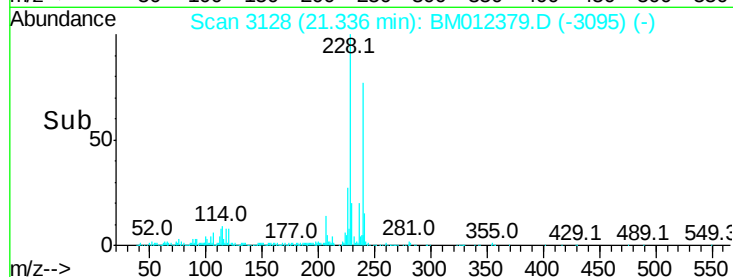
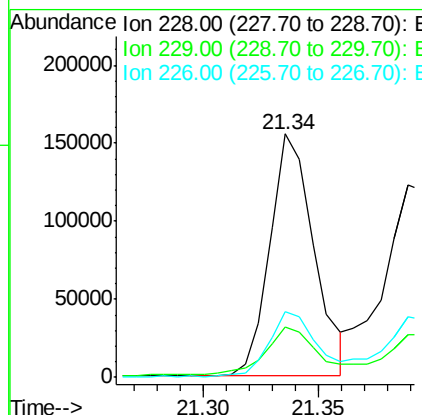
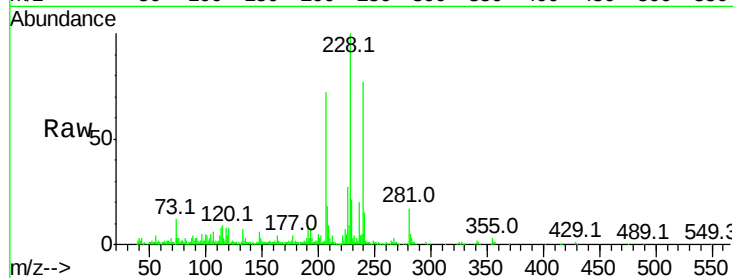




#80
Benzo(a)anthracene
Concen: 2.193 ng/ul
RT: 21.34 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM012379.D
Acq: 22 Oct 2017 03:19

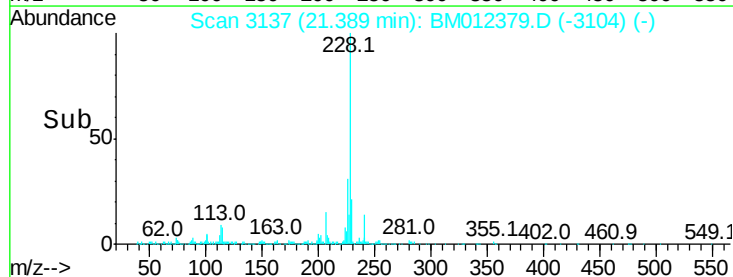
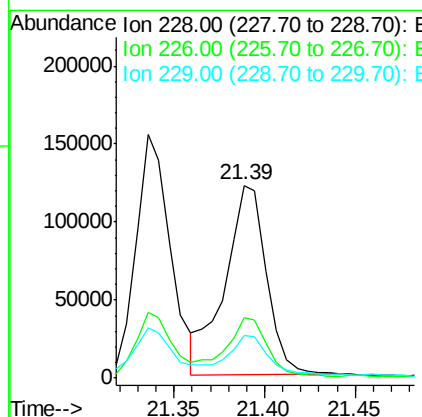
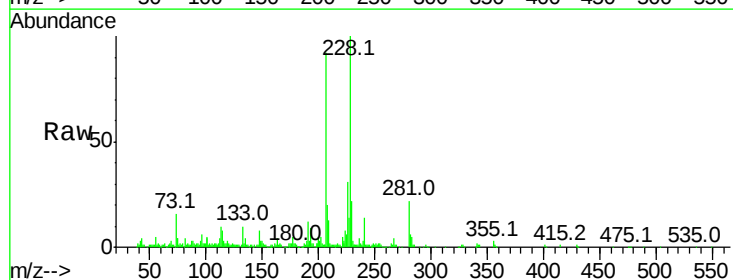
Instrument :
BNA_M
ClientSampleId :

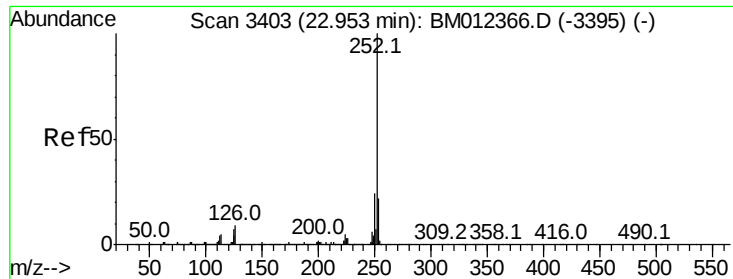
Tot Ion:228 Resp: 206646
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.1 21.4 32.2



#82
Chrysene
Concen: 2.188 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM012379.D
Acq: 22 Oct 2017 03:19

Tgt Ion:228 Resp: 193542
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 22.0 15.5 23.3

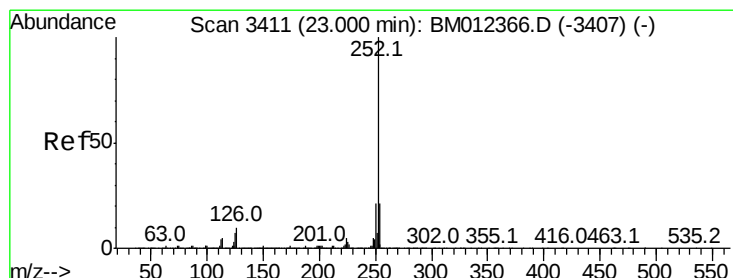
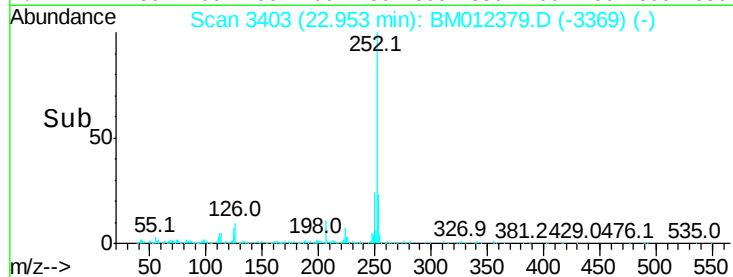
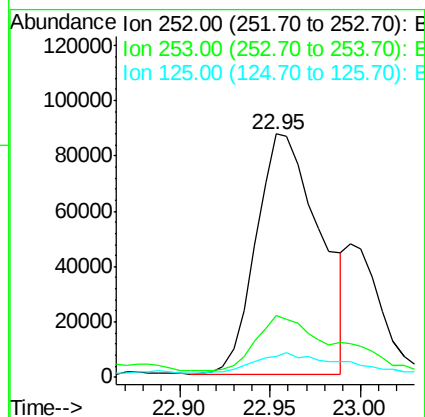
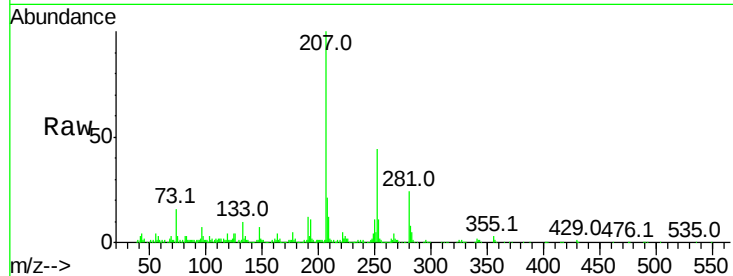




#85
Benzo(b)fluoranthene
Concen: 2.838 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BM012379.D
Acq: 22 Oct 2017 03:19

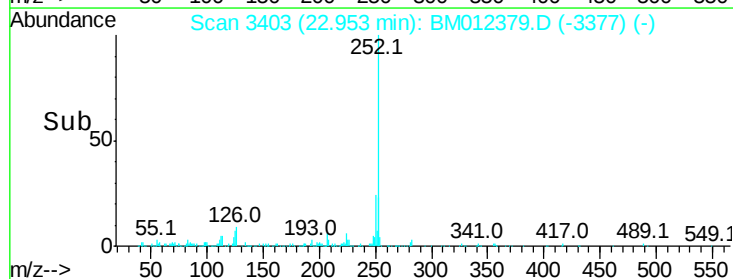
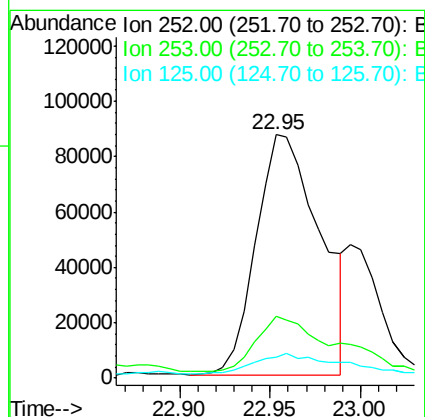
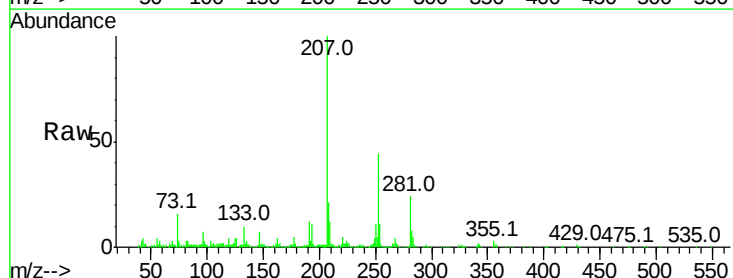
Instrument :
BNA_M
ClientSampled :

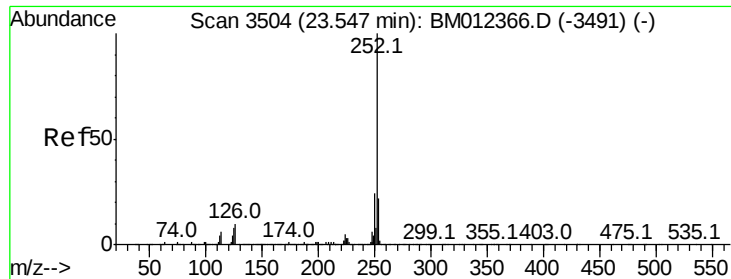
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	8.4	5.1	7.7#



#86
Benzo(k)fluoranthene
Concen: 2.945 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.05 min
Lab File: BM012379.D
Acq: 22 Oct 2017 03:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	8.4	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 1.801 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012379.D

Acq: 22 Oct 2017 03:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 127163

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

125 9.7 5.2 7.8#

