

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060717\
 Data File : BM010431.D
 Acq On : 07 Jun 2017 13:31
 Operator : SJ/MA
 Sample : I3446-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 08 01:23:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 08 01:22:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	235795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	779235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	492032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1137565	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1657472	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1852090	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	22200	3.86	ng/uL	0.00
5) Phenol-d5	7.10	99	350259	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	201452	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	319821	22.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	293070	20.33	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	140185	24.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	163122	24.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	327684	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	337430	25.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1030013	25.20	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1146782	24.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	99423	16.26	ng/ul	0.00
57) Fluorene-d10	15.54	176	872150	24.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	152788	18.96	ng/ul	0.00
70) Anthracene-d10	17.39	188	1390222	25.12	ng/ul	0.00
76) Pyrene-d10	19.68	212	1733401	25.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	2105493	24.42	ng/ul	0.00

Target Compounds

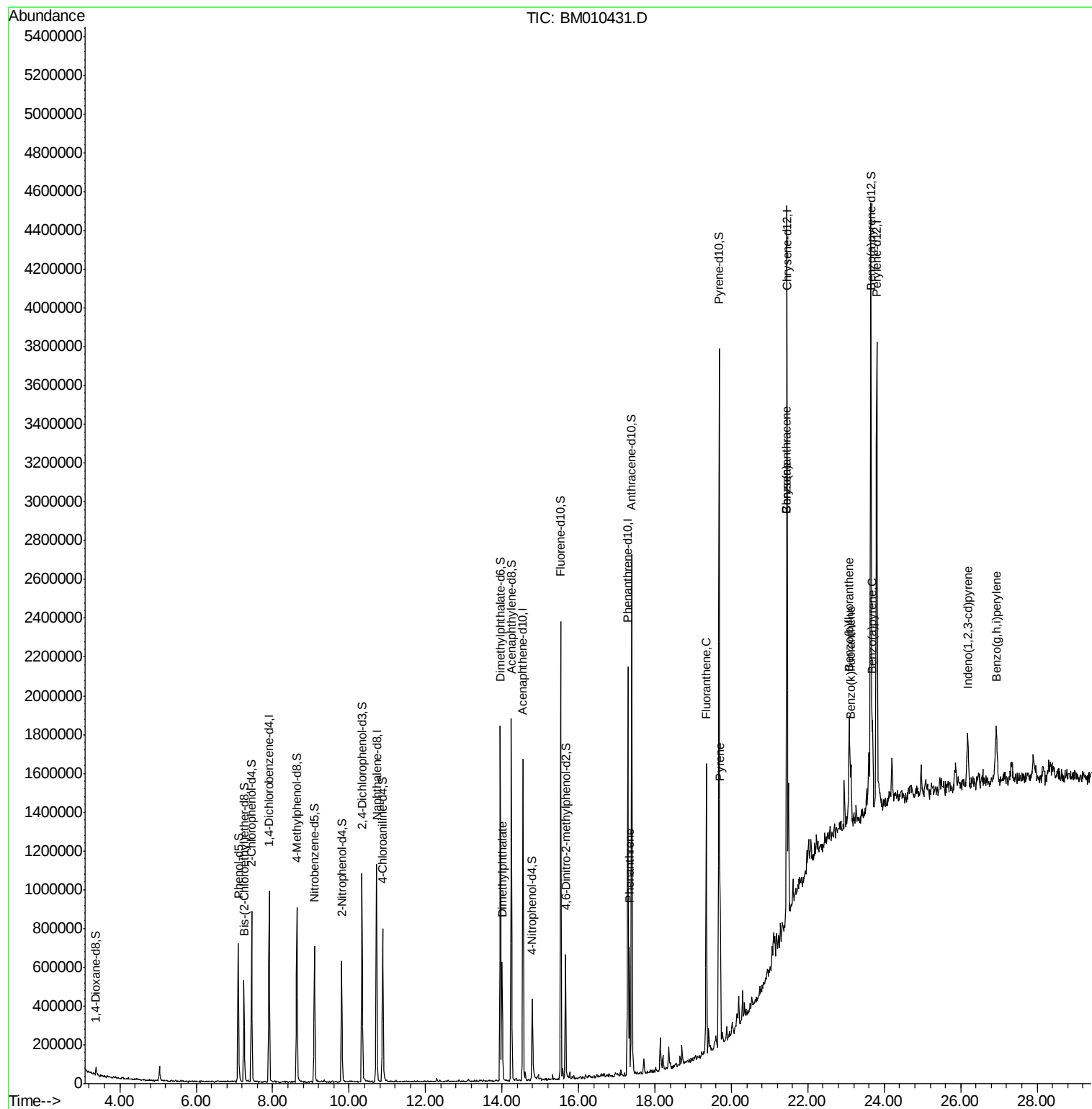
						Ovalue
44) Dimethylphthalate	14.00	163	327755	8.15	ng/ul	99
69) Phenanthrene	17.33	178	353264	5.82	ng/ul	98
74) Fluoranthene	19.34	202	855959	11.46	ng/ul#	97
77) Pyrene	19.71	202	681278	7.98	ng/ul#	95
80) Benzo(a)anthracene	21.44	228	305052	3.26	ng/ul	98
82) Chrysene	21.44	228	305052	3.61	ng/ul	95
85) Benzo(b)fluoranthene	23.09	252	515455	4.78	ng/ul	97
86) Benzo(k)fluoranthene	23.13	252	170067	1.65	ng/ul	95
88) Benzo(a)pyrene	23.70	252	338128	3.17	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.19	276	257979	1.91	ng/ul	97
91) Benzo(g,h,i)perylene	26.93	276	223609	2.01	ng/ul#	87

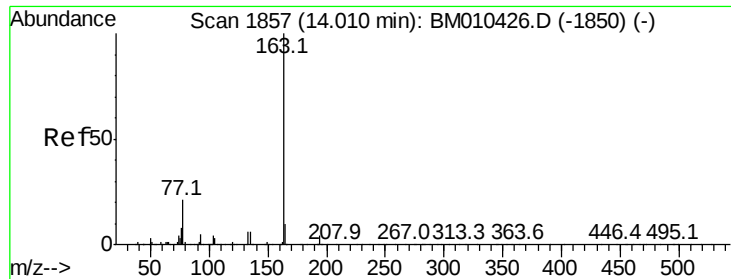
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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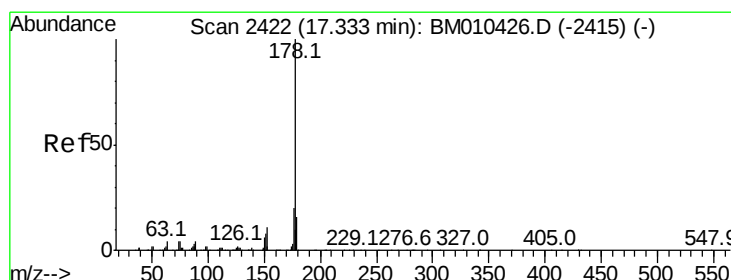
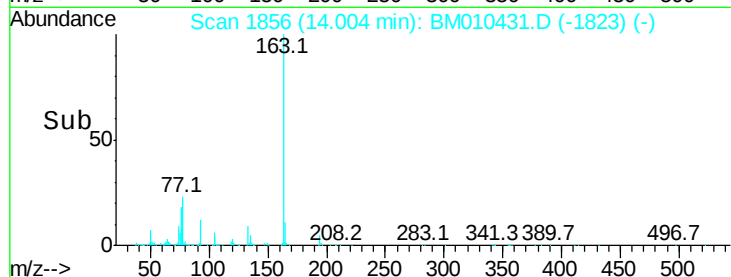
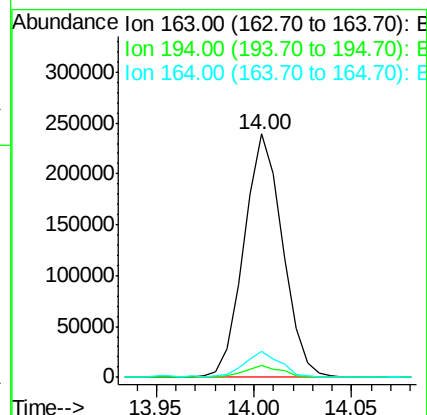
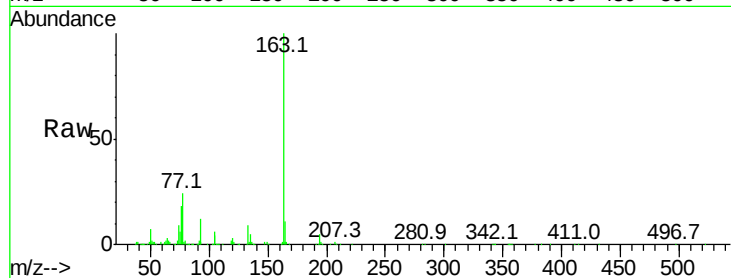




#44
Dimethylphthalate
Concen: 8.15 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

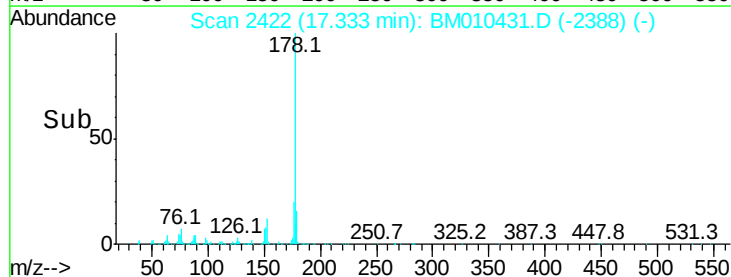
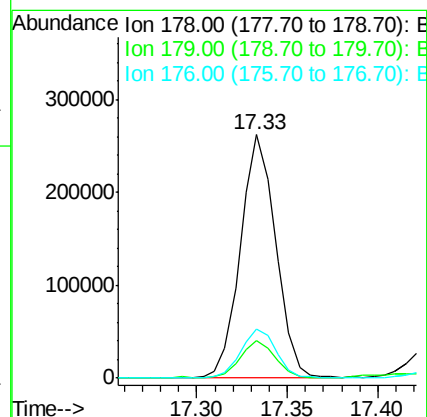
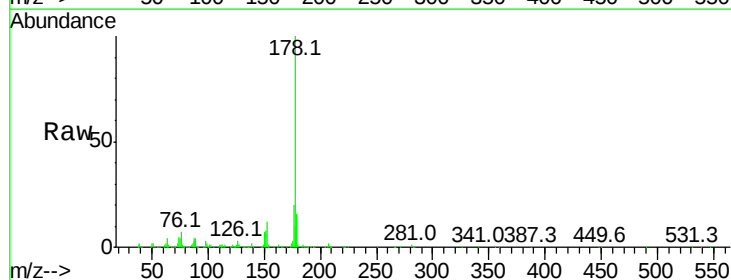
Instrument :
BNA_M
ClientSampleId :

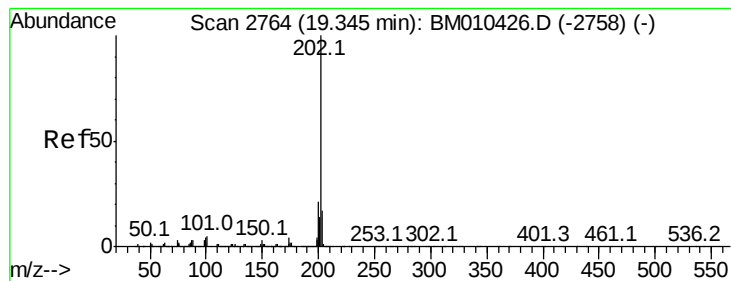
Tot Ion:163 Resp: 327755
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.7 8.2 12.4



#69
Phenanthrene
Concen: 5.82 ng/ul
RT: 17.33 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Tgt Ion:178 Resp: 353264
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 20.0 14.9 22.3





#74

Fluoranthene

Concen: 11.46 ng/ul

RT: 19.34 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

ClientSampleId :

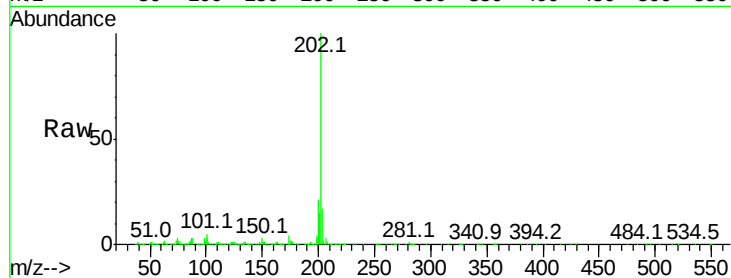
Tot Ion:202 Resp: 855959

Ion Ratio Lower Upper

202 100

101 5.2 4.6 7.0

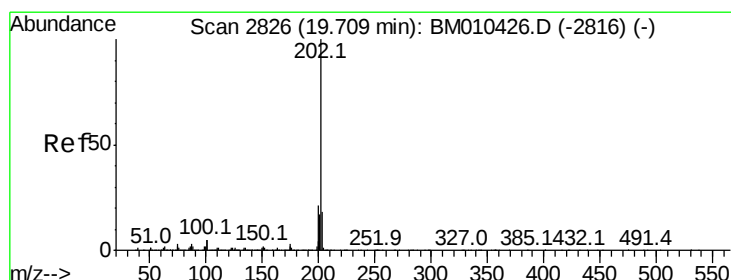
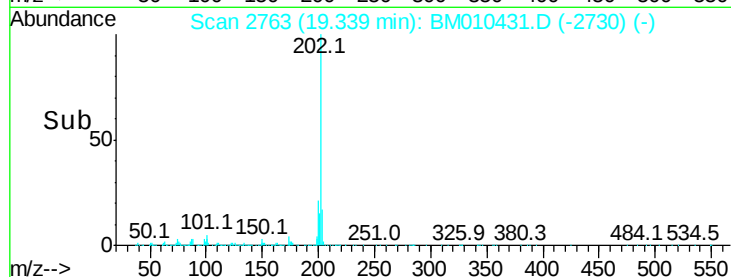
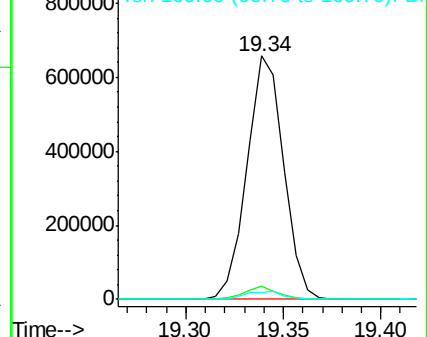
100 3.0 3.4 5.2#



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

Pyrene

Concen: 7.98 ng/ul

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

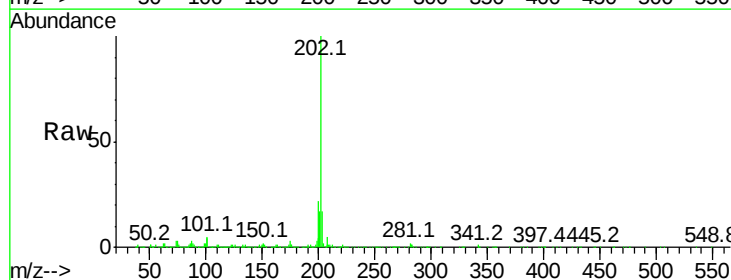
Tgt Ion:202 Resp: 681278

Ion Ratio Lower Upper

202 100

101 5.2 5.1 7.7

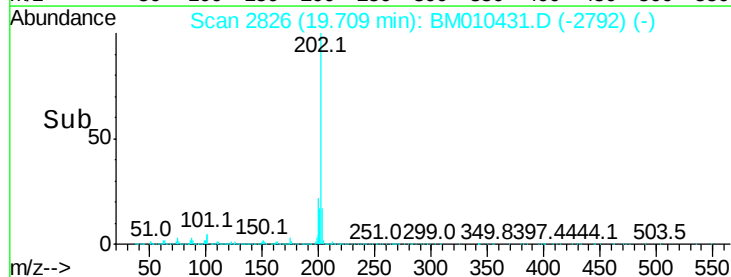
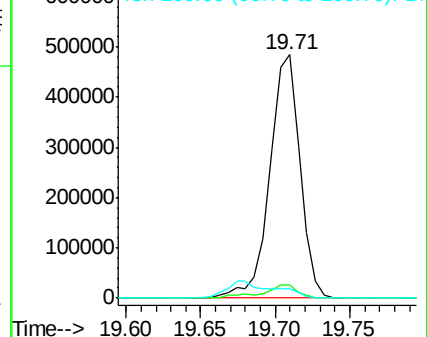
100 4.0 4.9 7.3#

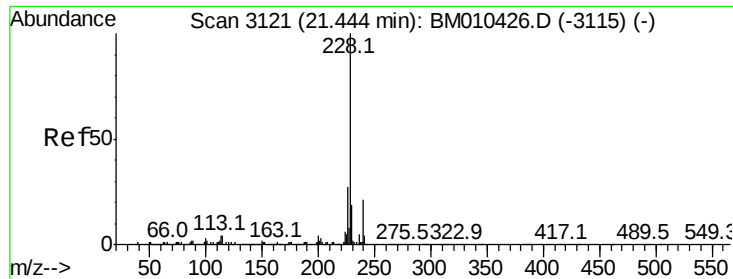


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.26 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

ClientSampleId :

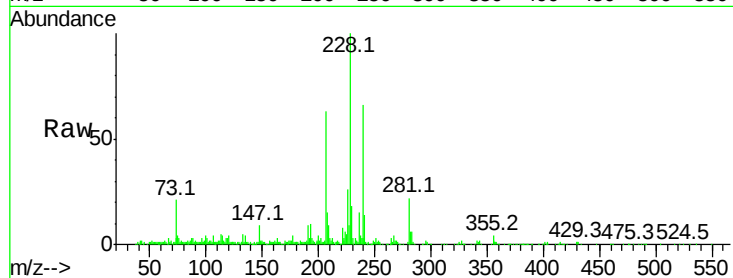
Tot Ion:228 Resp: 305052

Ion Ratio Lower Upper

228 100

229 17.7 15.4 23.0

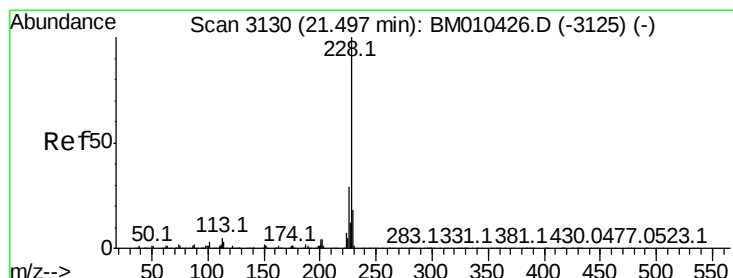
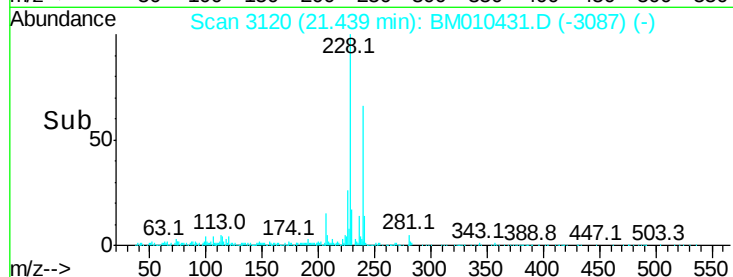
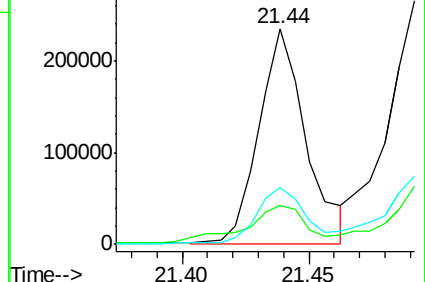
226 26.3 21.4 32.0



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



#82

Chrysene

Concen: 3.61 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.06 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

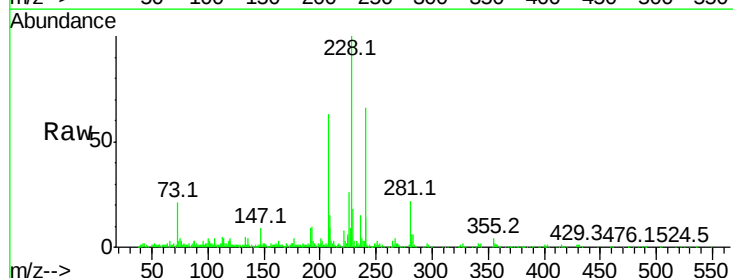
Tgt Ion:228 Resp: 305052

Ion Ratio Lower Upper

228 100

226 26.3 23.4 35.2

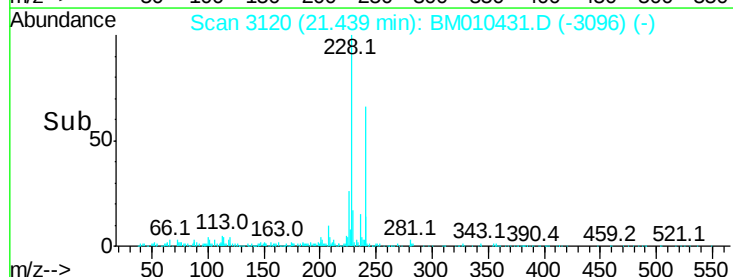
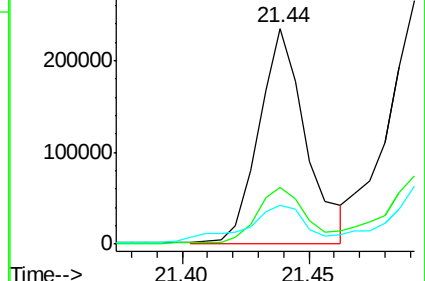
229 17.7 15.5 23.3

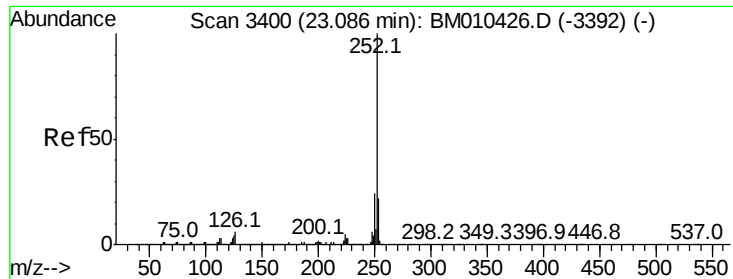


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

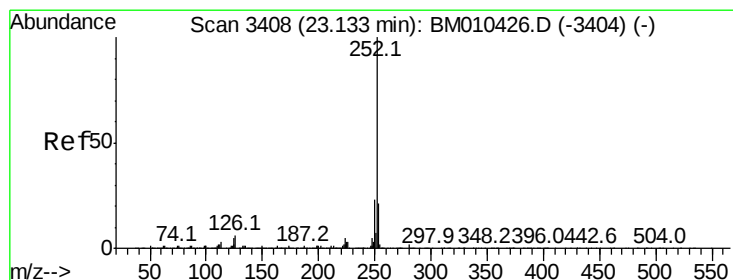
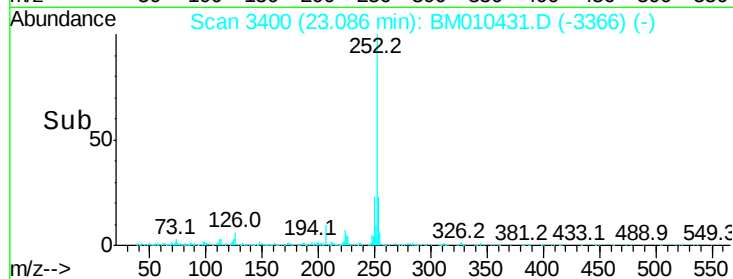
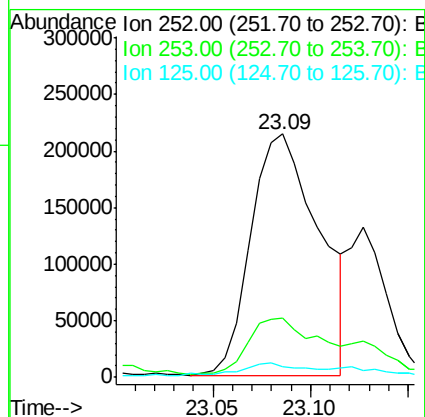
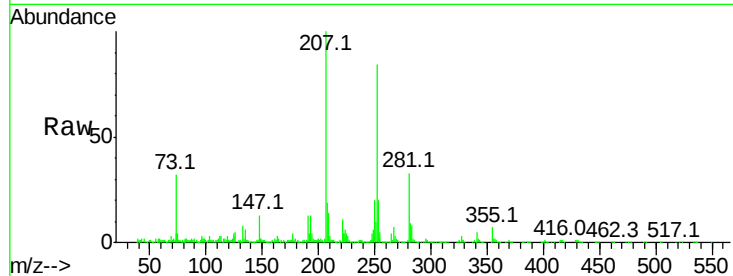




#85
Benzo(b)fluoranthene
Concen: 4.78 ng/ul
RT: 23.09 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

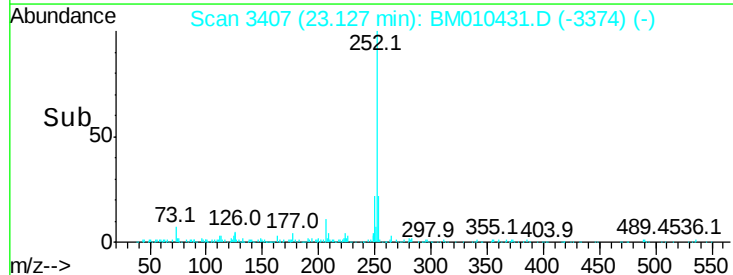
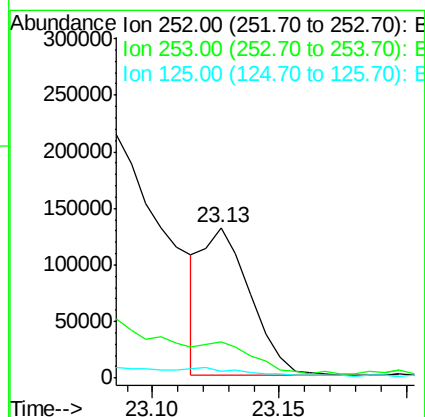
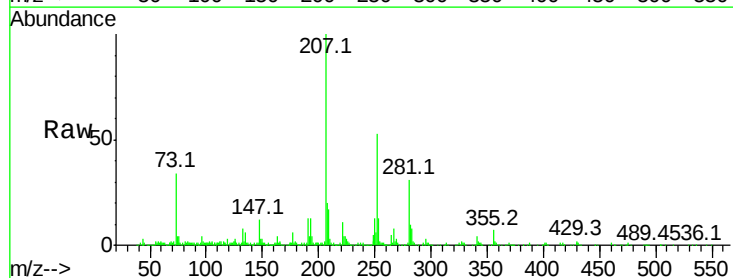
Instrument :
BNA_M
ClientSampled :

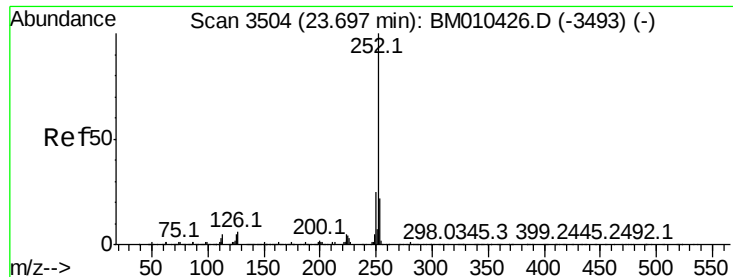
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	4.3	3.6	5.4



#86
Benzo(k)fluoranthene
Concen: 1.65 ng/ul
RT: 23.13 min Scan# 3407
Delta R.T. -0.01 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	4.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.17 ng/ul

RT: 23.70 min Scan# 3504

Delta R.T. 0.00 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

ClientSampleId :

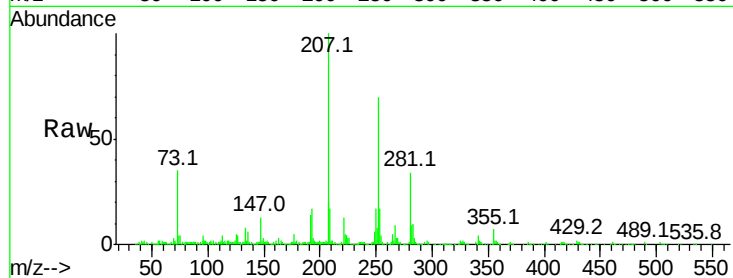
Tot Ion:252 Resp: 338128

Ion Ratio Lower Upper

252 100

253 24.9 18.2 27.2

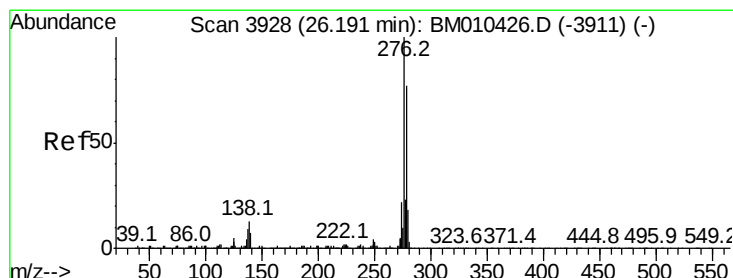
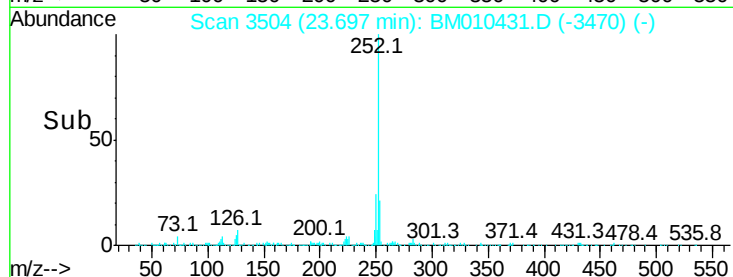
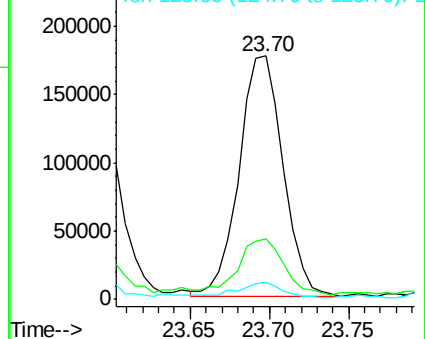
125 6.9 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.91 ng/ul

RT: 26.19 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

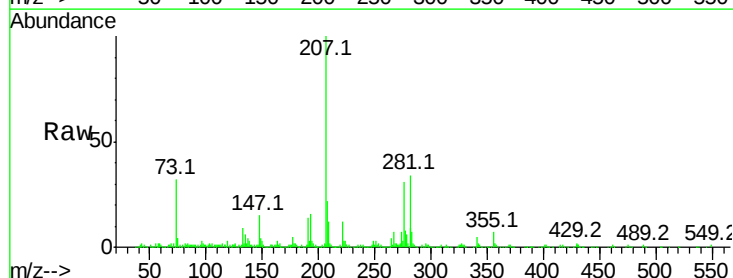
Tgt Ion:276 Resp: 257979

Ion Ratio Lower Upper

276 100

138 9.8 9.3 13.9

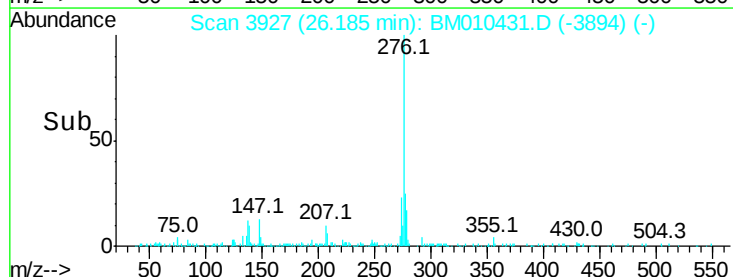
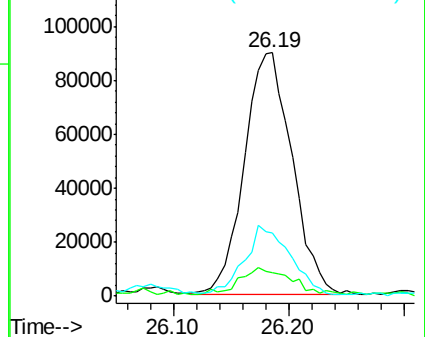
277 25.9 19.9 29.9

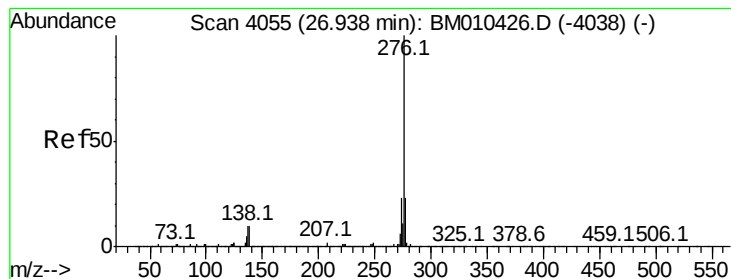


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.01 ng/ul

RT: 26.93 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

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ClientSampleId :

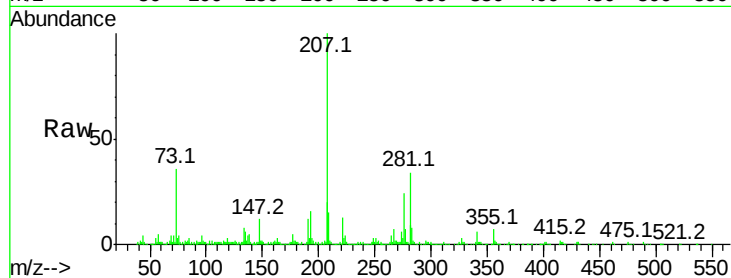
Tot Ion:276 Resp: 223609

Ion Ratio Lower Upper

276 100

138 19.2 8.5 12.7#

277 27.2 18.6 28.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

