

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012192.D
 Acq On : 15 Oct 2017 04:20
 Operator : SJ/JU
 Sample : I5548-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Quant Time: Oct 15 06:29:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	145426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	637948	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	419921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1051480	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	988992	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	856099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1728	0.56	ng/uL	0.00
5) Phenol-d5	6.99	99	35296	2.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	22721	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	35614	3.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	30566	3.01	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	17304	3.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18986	3.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	36968	3.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	13032	1.28	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	147058	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	173302	3.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	2030	0.36	ng/ul	0.04
57) Fluorene-d10	15.46	176	130885	4.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	5198	0.72	ng/ul	0.02
70) Anthracene-d10	17.31	188	214554	4.13	ng/ul	0.00
76) Pyrene-d10	19.60	212	238632	4.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	166372	4.03	ng/ul	0.00

Target Compounds

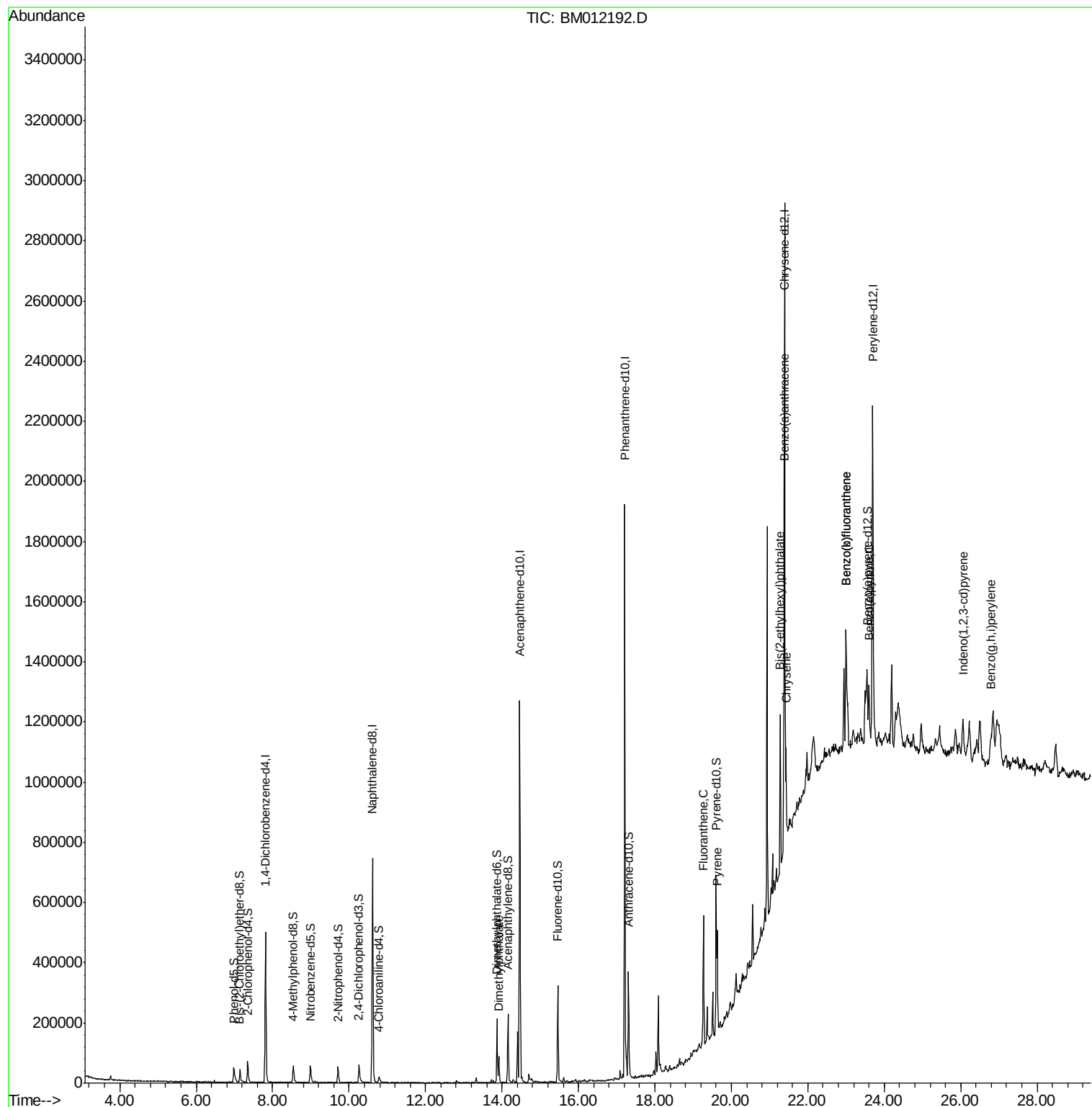
						Ovalue
44) Dimethylphthalate	13.92	163	63400	1.71	ng/ul	98
74) Fluoranthene	19.27	202	247485	3.43	ng/ul#	94
77) Pyrene	19.63	202	211641	3.24	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	99902	1.55	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	173304	3.97	ng/ul	98
82) Chrysene	21.43	228	182414	3.02	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	269480	4.82	ng/ul#	95
86) Benzo(k)fluoranthene	23.00	252	269480	5.01	ng/ul#	93
88) Benzo(a)pyrene	23.60	252	131451	2.50	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	121980	2.18	ng/ul#	93
91) Benzo(g,h,i)perylene	26.79	276	108903	2.38	ng/ul#	92

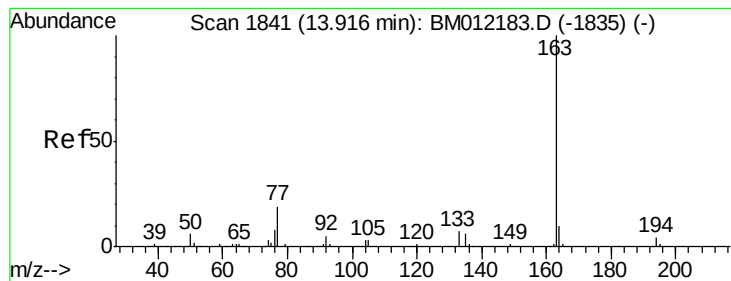
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.71 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

ClientSampleId :

C0AC9

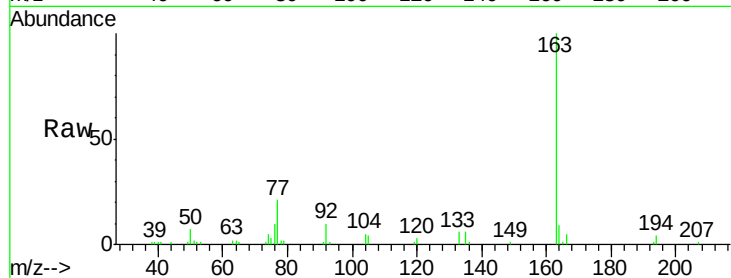
Tot Ion:163 Resp: 63400

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

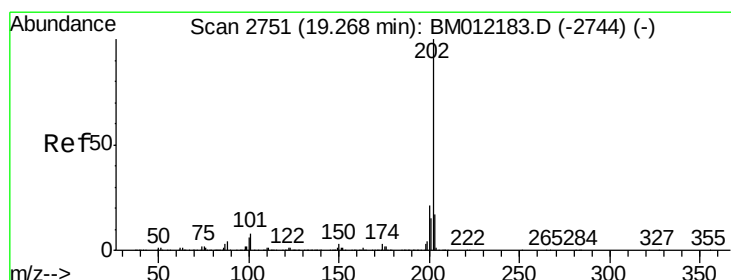
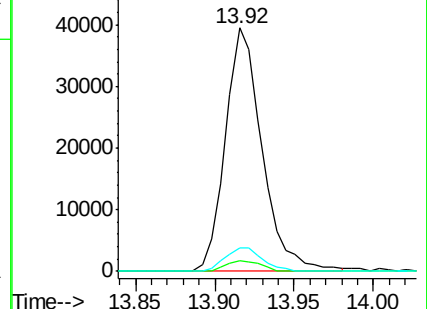
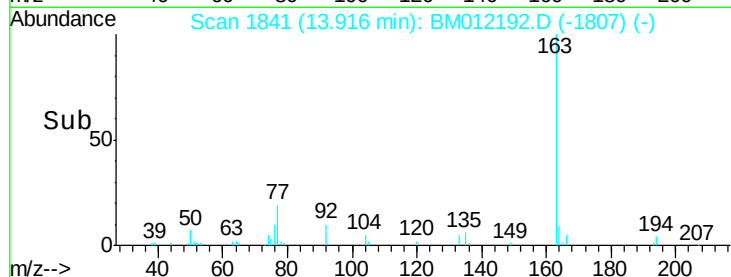
164 9.4 8.2 12.4



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: 3.43 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

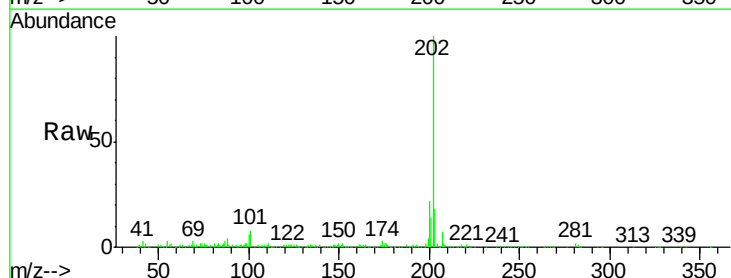
Tgt Ion:202 Resp: 247485

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

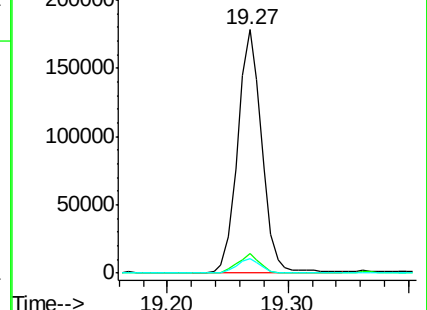
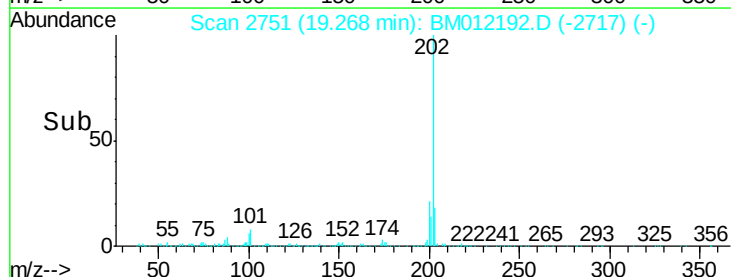
100 5.9 3.4 5.2#

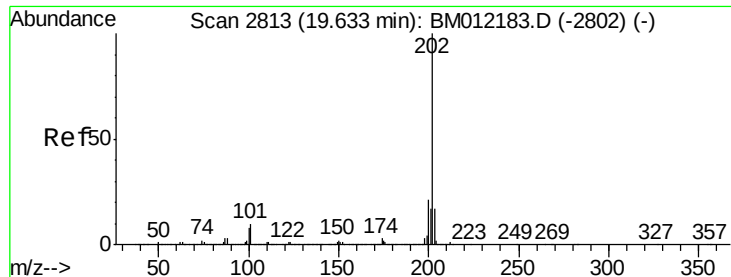


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

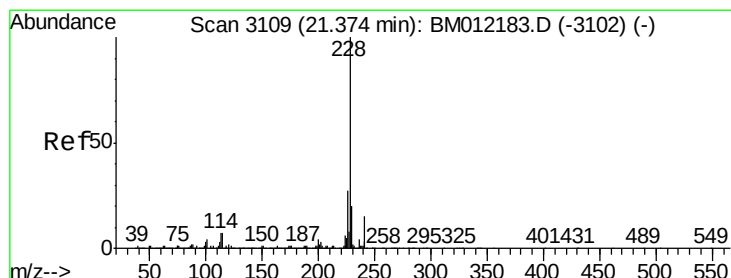
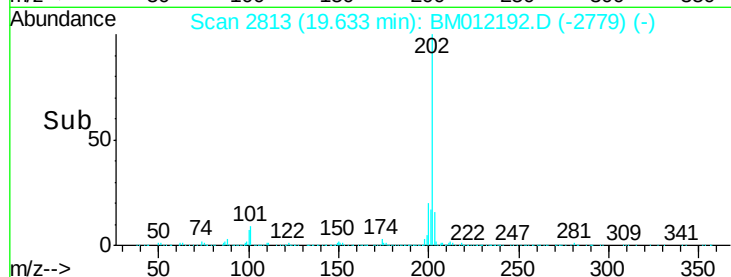
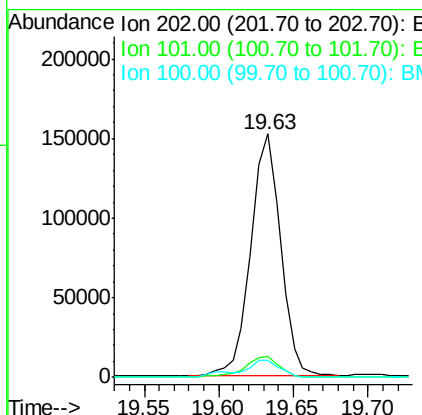
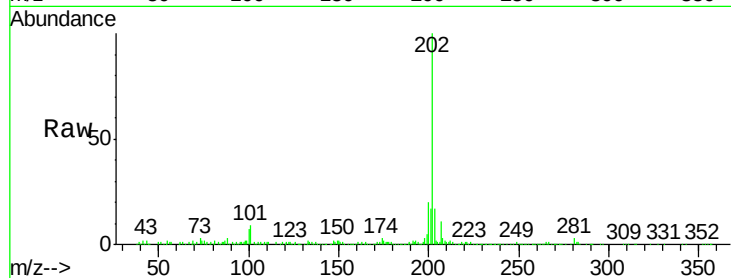




#77
 Pvrene
 Concen: 3.24 ng/ul
 RT: 19.63 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BM012192.D
 Acq: 15 Oct 2017 04:20

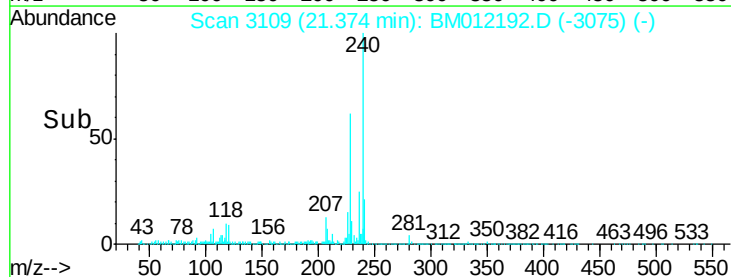
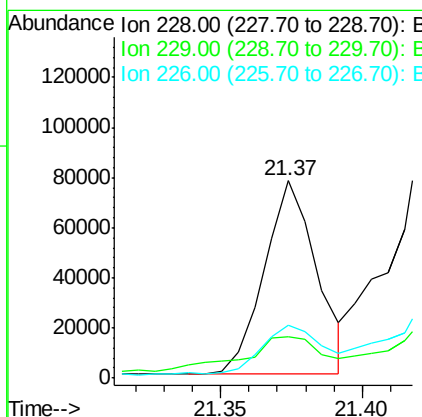
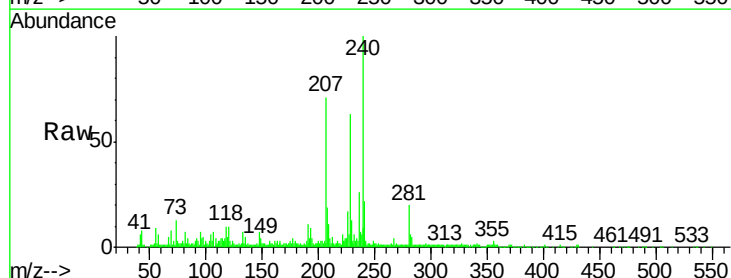
Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

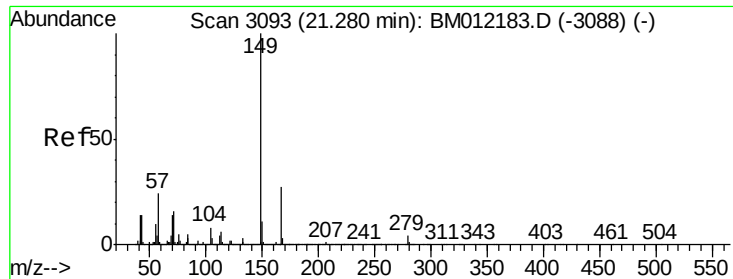
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	6.8	4.9	7.3



#80
 Benzo(a)anthracene
 Concen: 1.55 ng/ul
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BM012192.D
 Acq: 15 Oct 2017 04:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	26.9	21.4	32.0

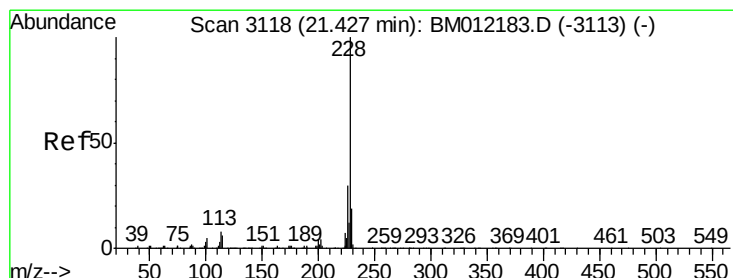
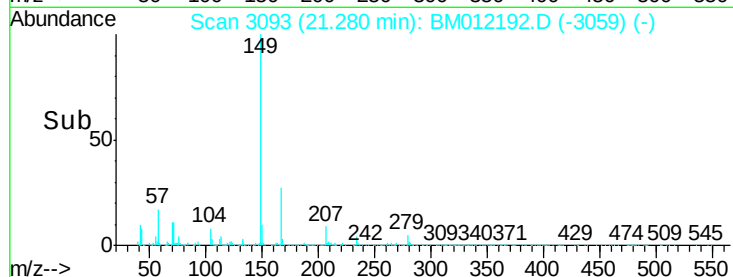
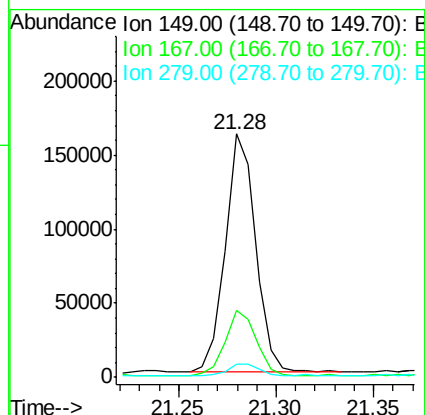
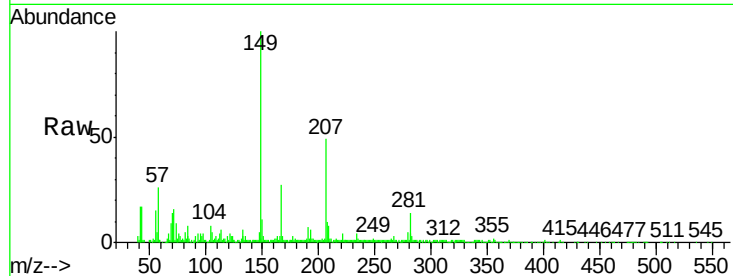




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.97 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM012192.D
 Acq: 15 Oct 2017 04:20

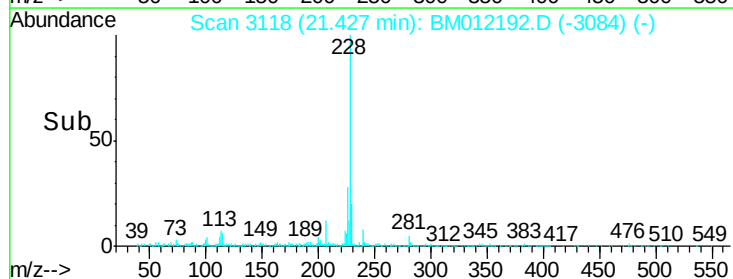
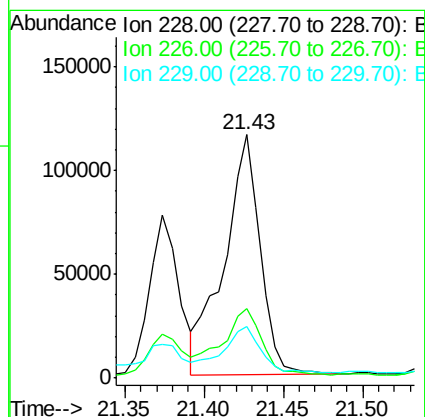
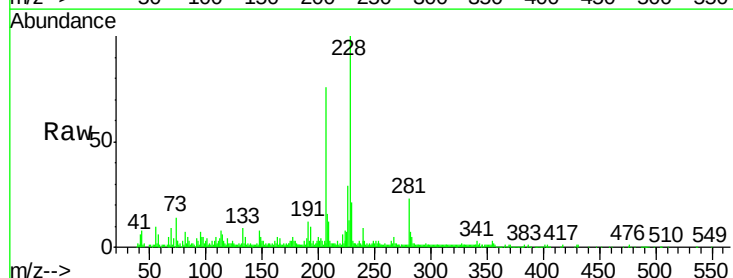
Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

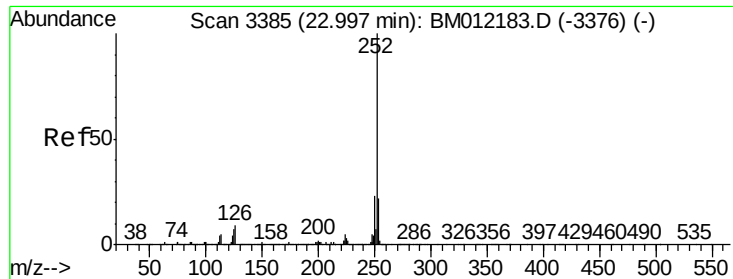
Tot Ion:149 Resp: 173304
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.8 34.2
 279 5.2 4.9 7.3



#82
 Chrysene
 Concen: 3.02 ng/ul
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM012192.D
 Acq: 15 Oct 2017 04:20

Tgt Ion:228 Resp: 182414
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.2
 229 21.3 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 4.82 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

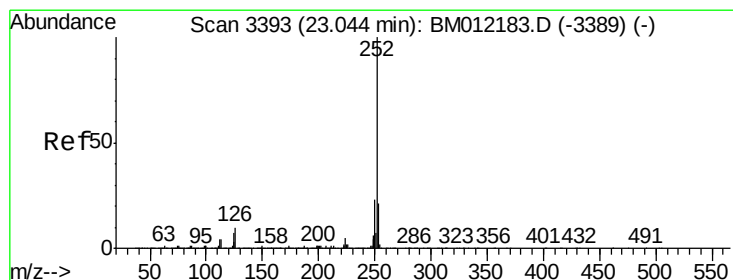
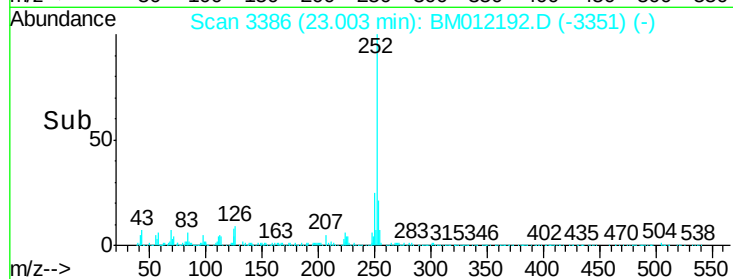
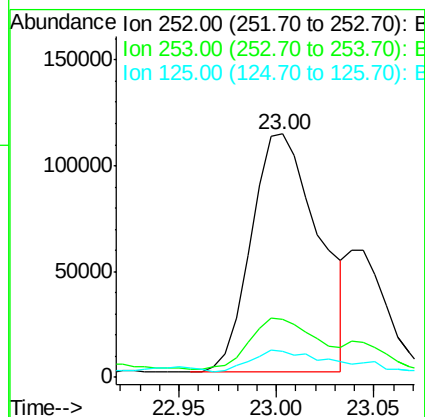
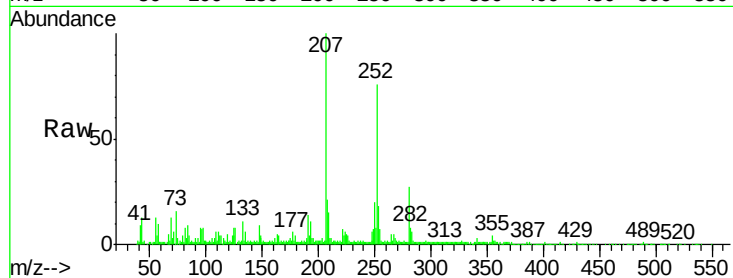
Instrument :

BNA_M

ClientSampleId :

C0AC9

Tot Ion:252	Resp:	269480
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.9 26.9
125	10.4	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 5.01 ng/ul

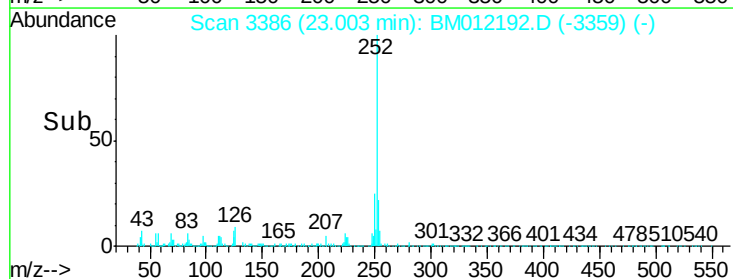
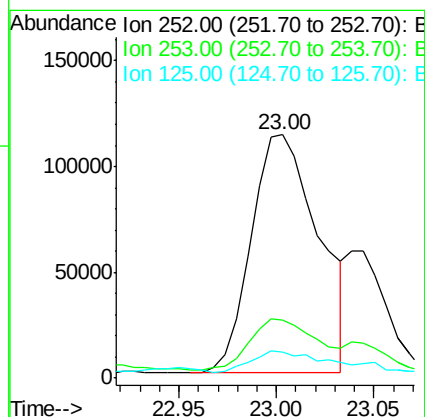
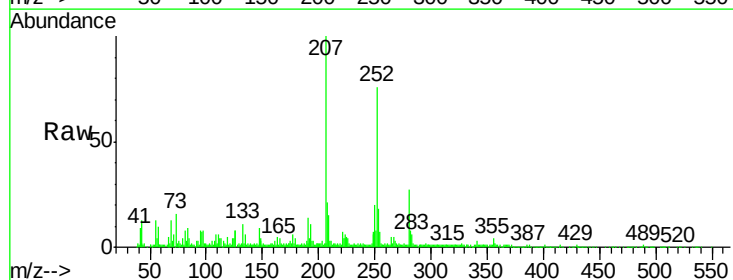
RT: 23.00 min Scan# 3386

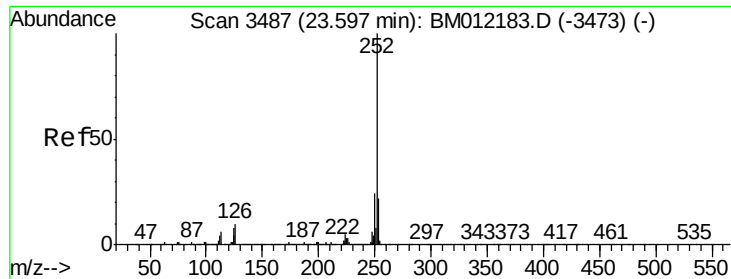
Delta R.T. -0.04 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Tgt Ion:252	Resp:	269480
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.1 25.7
125	10.4	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 2.50 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

Instrument :

BNA_M

ClientSampled :

C0AC9

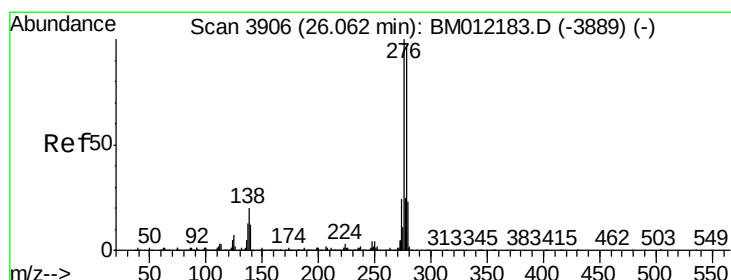
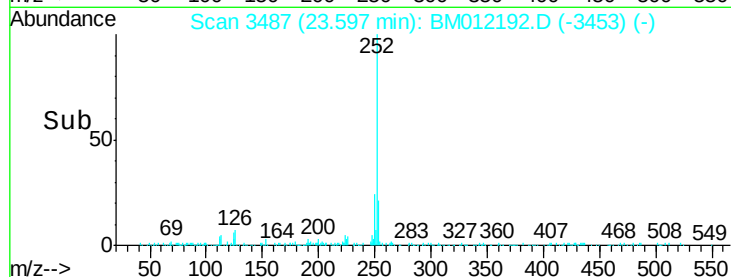
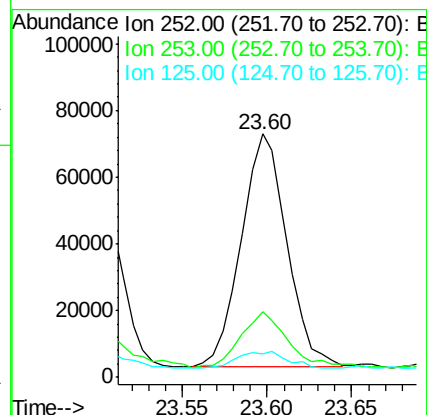
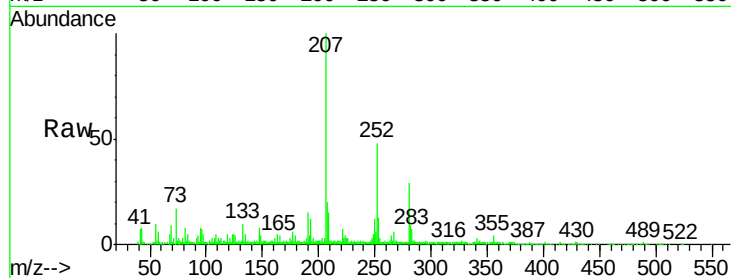
Tot Ion:252 Resp: 131451

Ion Ratio Lower Upper

252 100

253 26.8 18.2 27.2

125 9.8 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.18 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

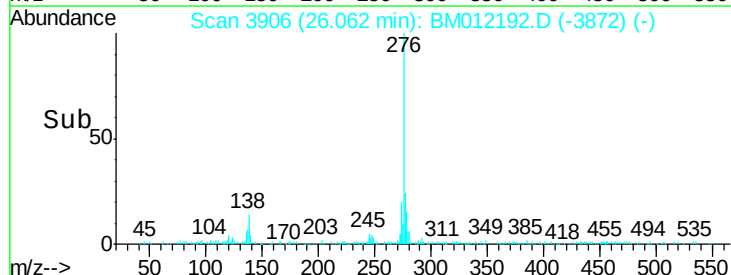
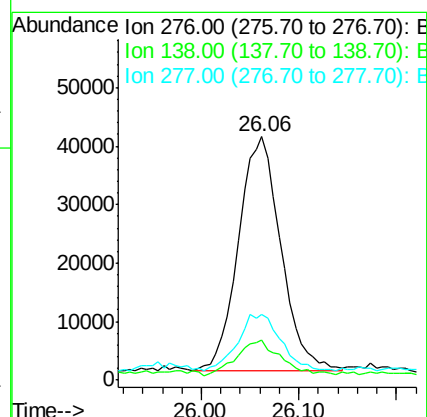
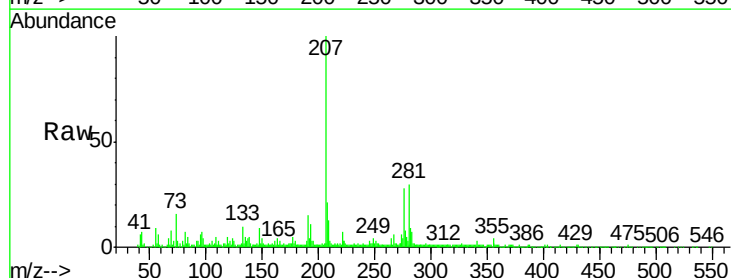
Tgt Ion:276 Resp: 121980

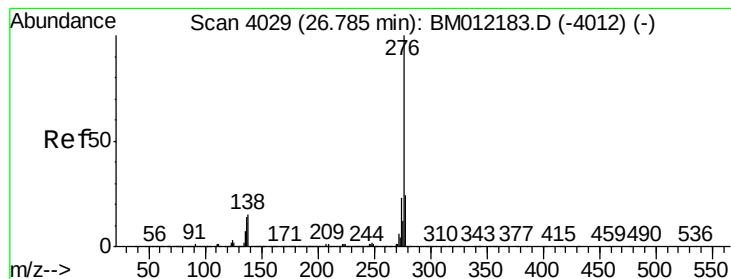
Ion Ratio Lower Upper

276 100

138 16.3 9.3 13.9#

277 27.1 19.9 29.9





#91

Benzo(a,h,i)perylene

Concen: 2.38 ng/ul

RT: 26.79 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM012192.D

Acq: 15 Oct 2017 04:20

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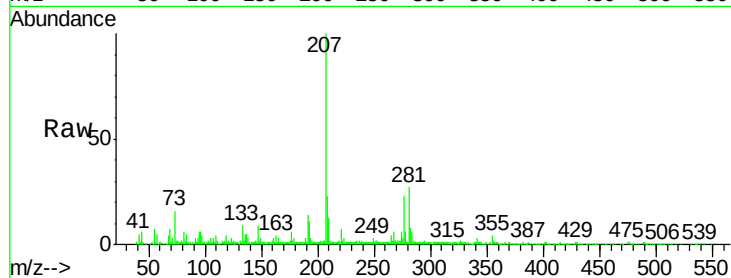
Tot Ion:276 Resp: 108903

Ion Ratio Lower Upper

276 100

138 14.3 8.5 12.7#

277 27.0 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

