

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012193.D
 Acq On : 15 Oct 2017 04:56
 Operator : SJ/JU
 Sample : I5548-20 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Quant Time: Oct 15 06:30:04 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	182227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	803049	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	517674	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1230901	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1164599	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	946666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2566	0.67	ng/uL	0.00
5) Phenol-d5	6.99	99	40713	2.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	28633	3.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42018	3.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	23210	1.82	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	19939	3.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	23887	3.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	41685	3.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	15594	1.22	ng/ul	0.03
43) Dimethylphthalate-d6	13.87	166	173652	3.80	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	202631	3.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	3529	0.51	ng/ul	0.05
57) Fluorene-d10	15.46	176	151499	4.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	4090	0.48	ng/ul	0.02
70) Anthracene-d10	17.31	188	237209	3.90	ng/ul	0.00
76) Pyrene-d10	19.60	212	274516	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	180516	3.96	ng/ul	0.00

Target Compounds

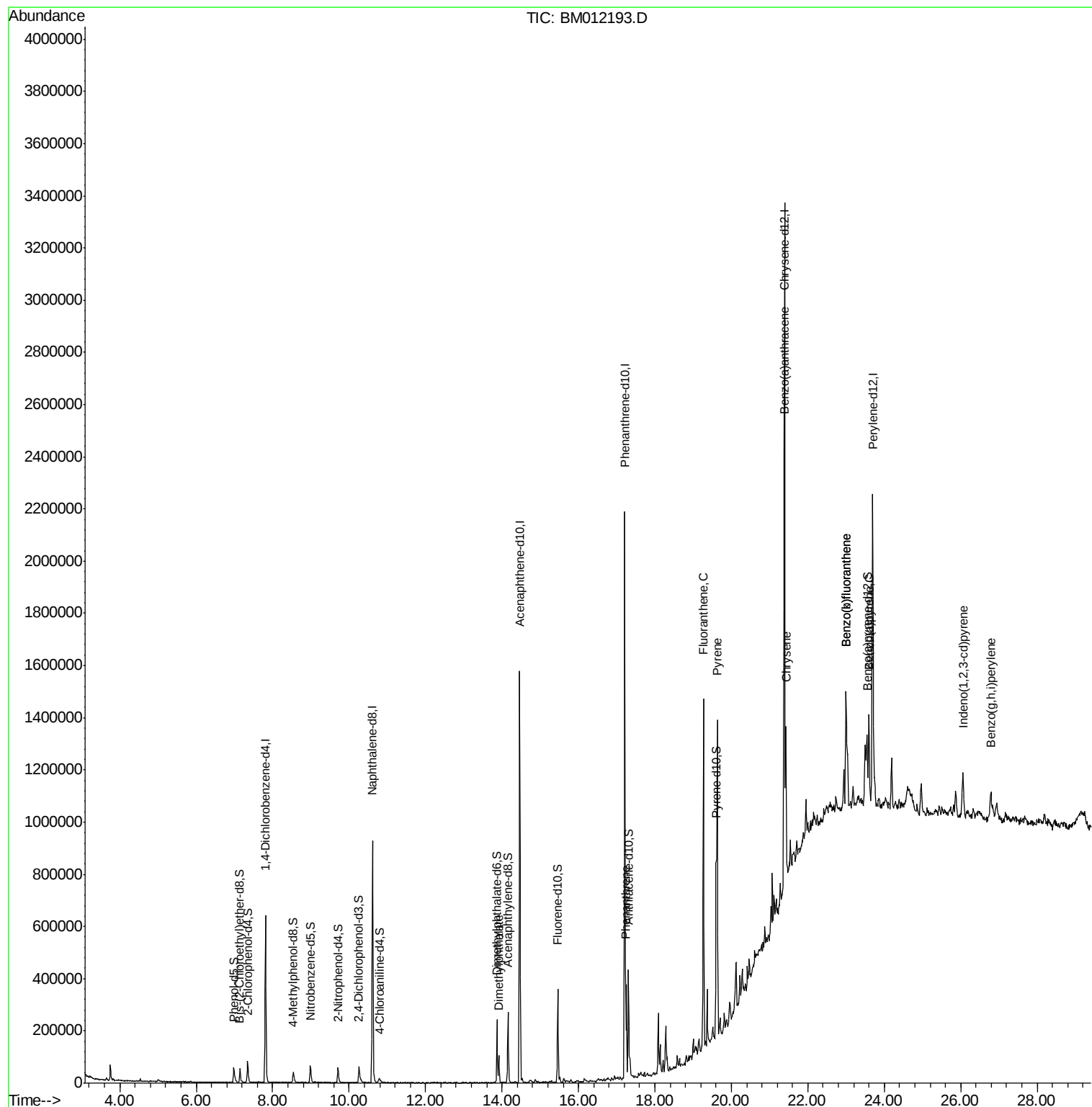
						Ovalue
44) Dimethylphthalate	13.92	163	73334	1.60	ng/ul	100
69) Phenanthrene	17.25	178	209291	2.99	ng/ul	99
74) Fluoranthene	19.27	202	767268	9.08	ng/ul#	95
77) Pyrene	19.63	202	746380	9.70	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	381433	5.03	ng/ul	98
82) Chrysene	21.43	228	321862	4.52	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	366020	5.92	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	366020	6.15	ng/ul#	95
88) Benzo(a)pyrene	23.60	252	261381	4.49	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.06	276	160297	2.59	ng/ul#	94
91) Benzo(g,h,i)perylene	26.79	276	133989	2.65	ng/ul#	89

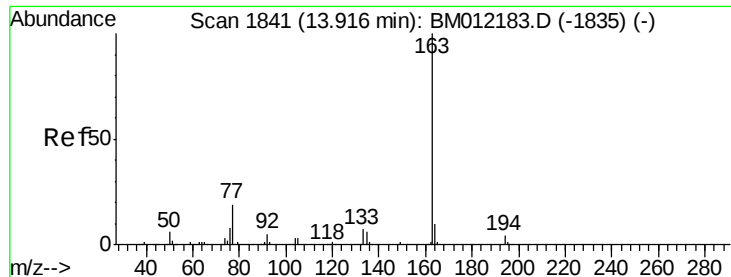
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.60 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

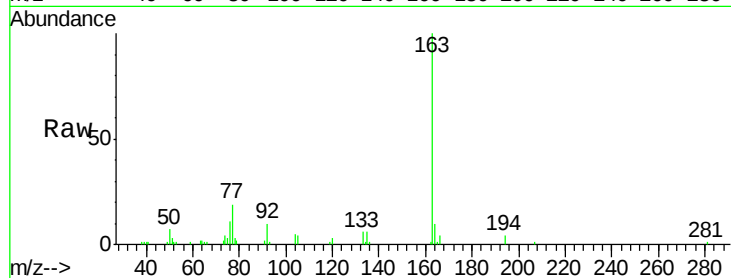
Tot Ion:163 Resp: 73334

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

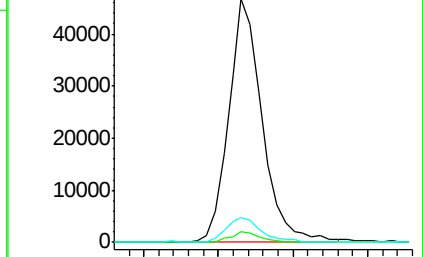
164 10.2 8.2 12.4



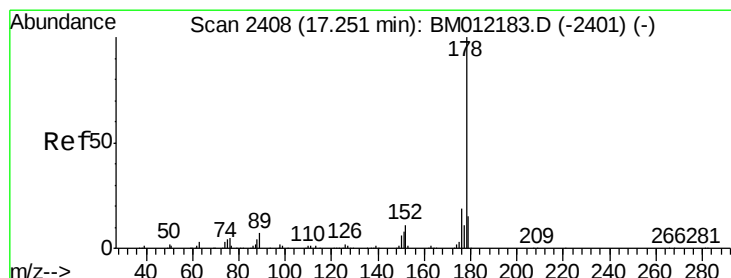
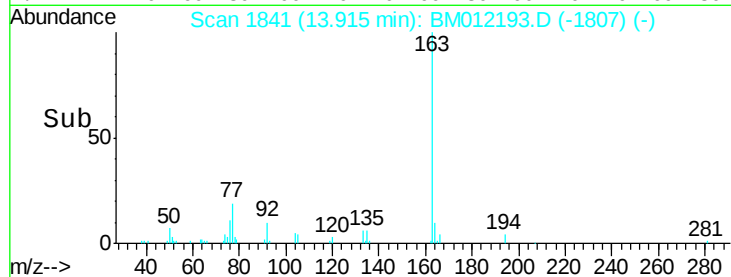
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#69

Phenanthrene

Concen: 2.99 ng/ul

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

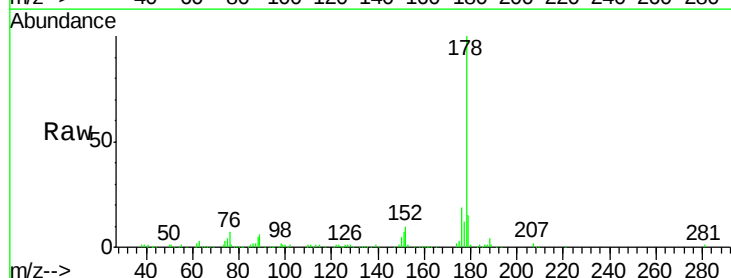
Tgt Ion:178 Resp: 209291

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

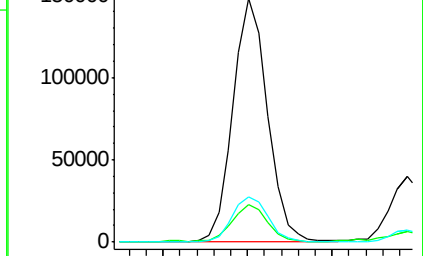
176 18.8 14.9 22.3



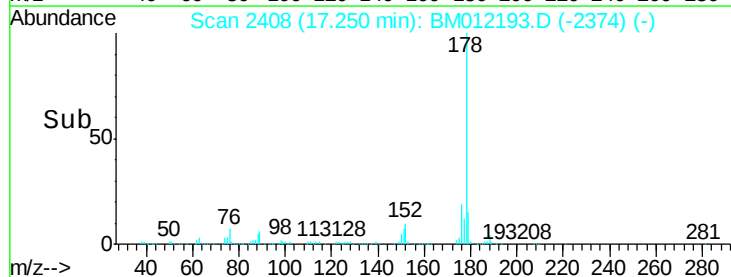
Abundance Ion 178.00 (177.70 to 178.70): E

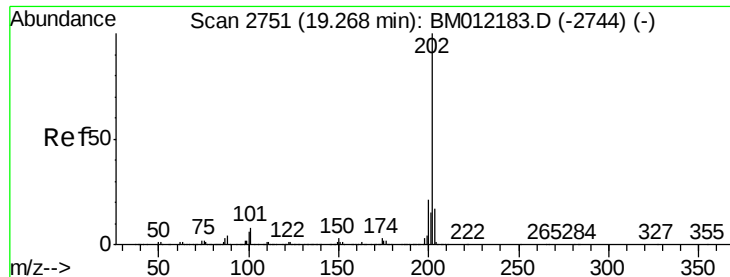
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Fluoranthene

Concen: 9.08 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

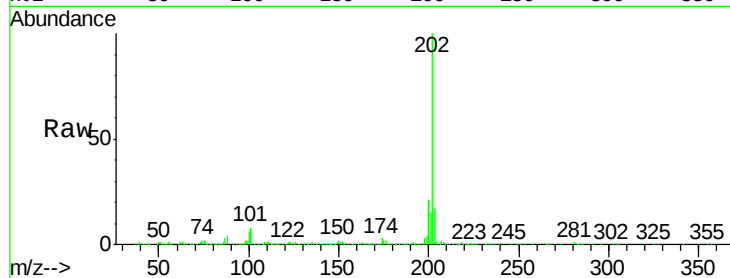
Tot Ion:202 Resp: 767268

Ion Ratio Lower Upper

202 100

101 7.5 4.6 7.0#

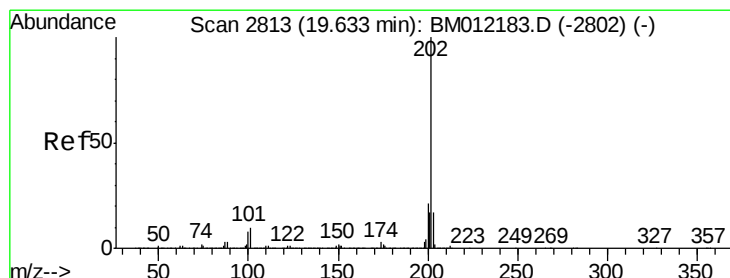
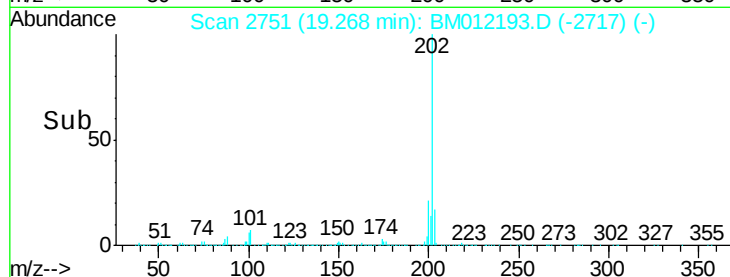
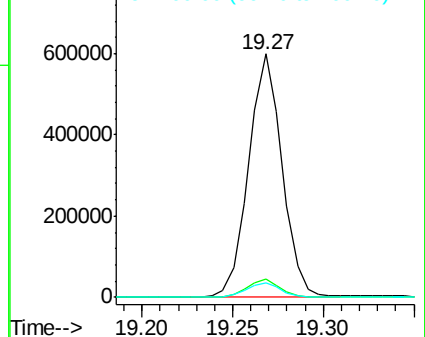
100 6.0 3.4 5.2#



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: 9.70 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

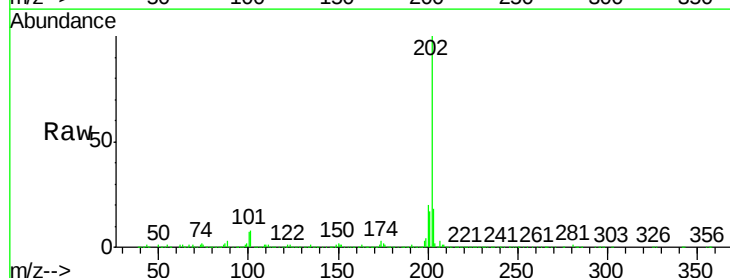
Tgt Ion:202 Resp: 746380

Ion Ratio Lower Upper

202 100

101 8.4 5.1 7.7#

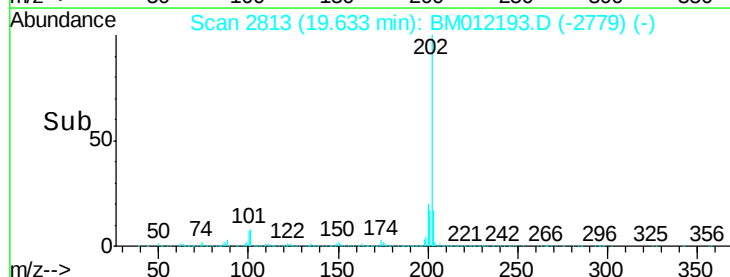
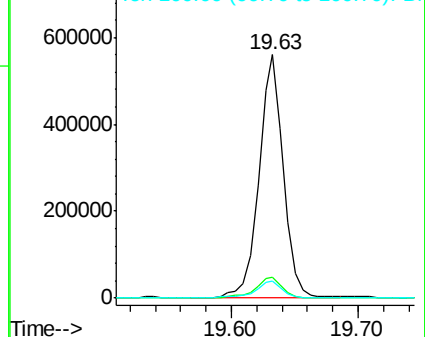
100 7.0 4.9 7.3

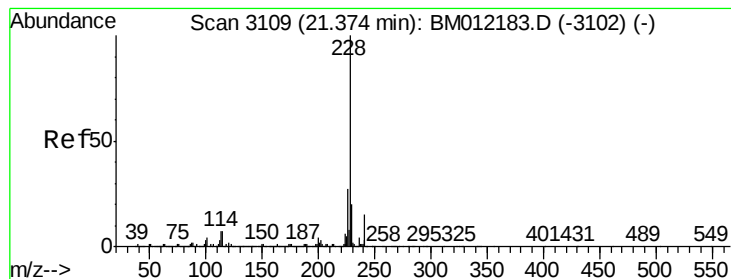


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.03 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

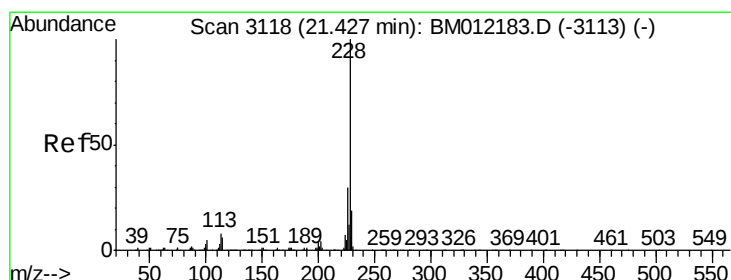
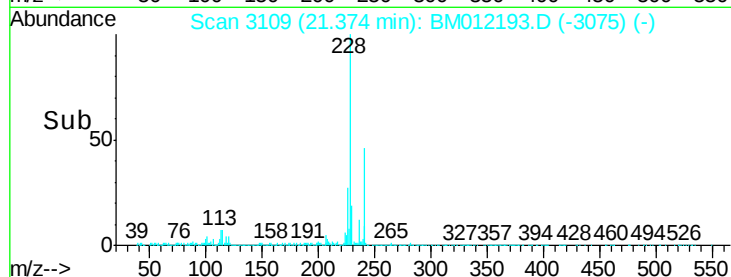
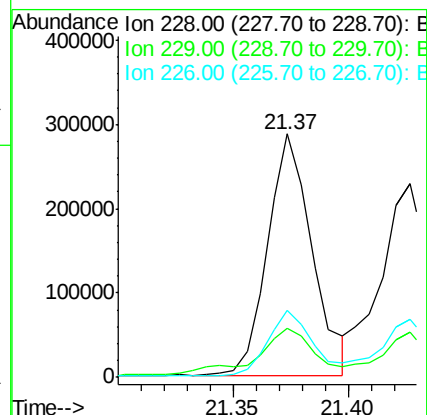
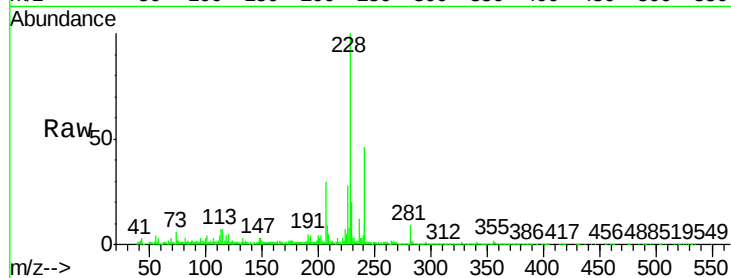
Tot Ion:228 Resp: 381433

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.6	21.4	32.0

228 100

229 20.4 15.4 23.0

226 27.6 21.4 32.0



#82

Chrysene

Concen: 4.52 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

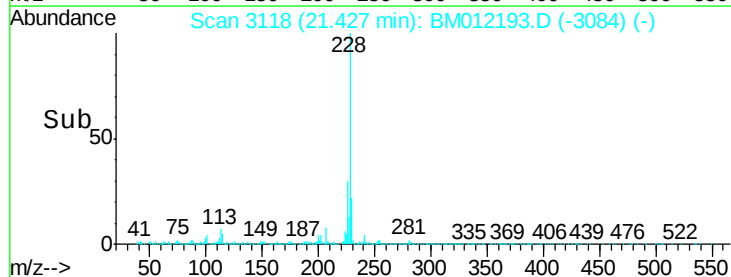
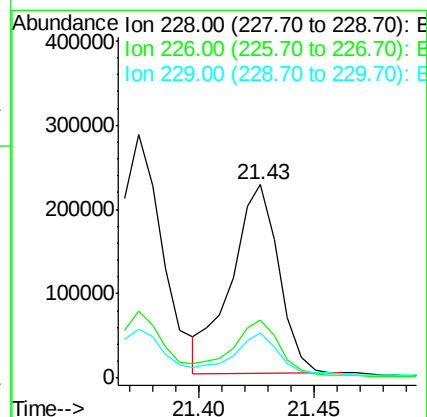
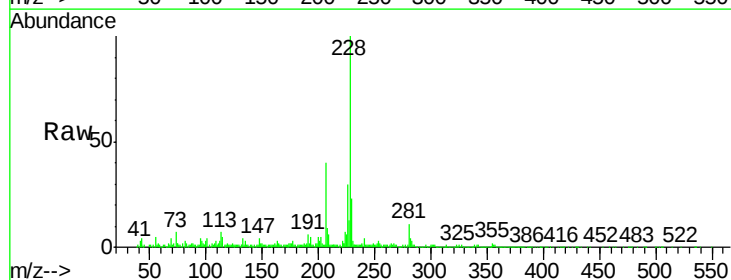
Tgt Ion:228 Resp: 321862

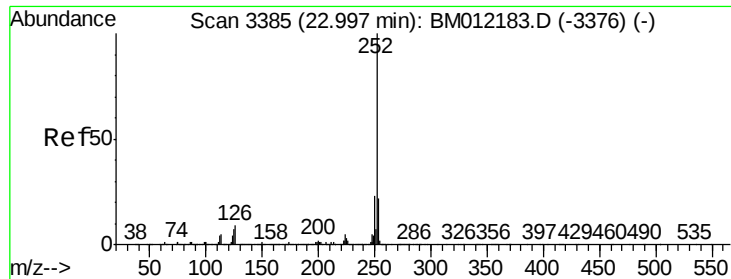
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.0	15.5	23.3

228 100

226 30.2 23.4 35.2

229 23.0 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 5.92 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

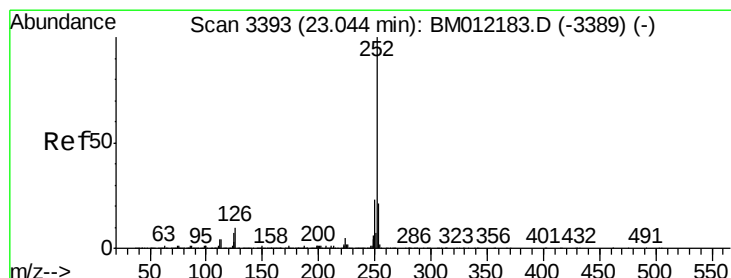
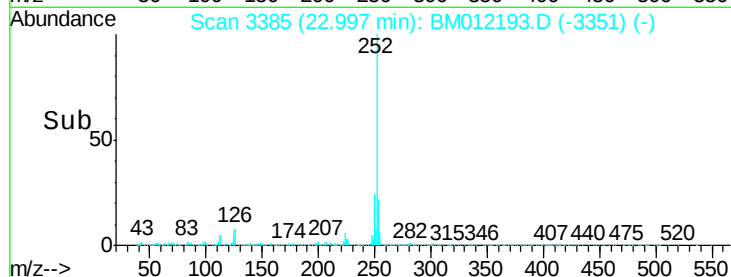
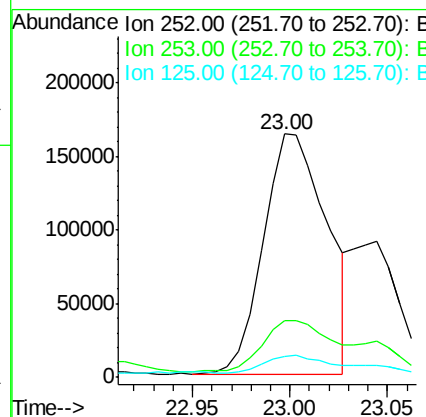
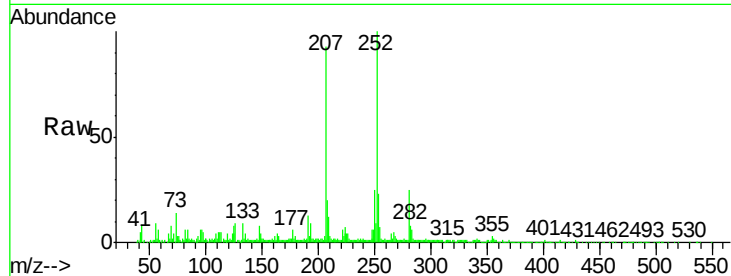
Instrument :

BNA_M

ClientSampleId :

C0AD1

Tot Ion:252	Resp:	366020
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.9 26.9
125	8.4	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 6.15 ng/ul

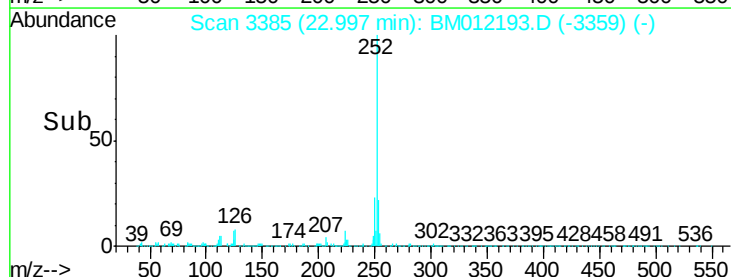
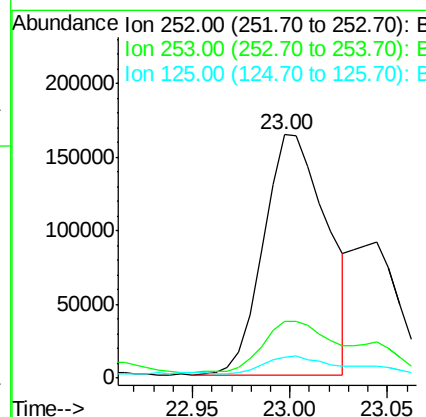
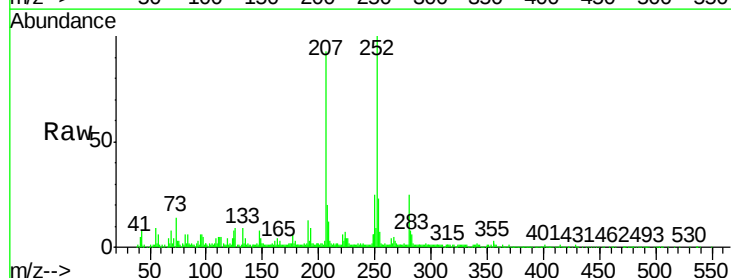
RT: 23.00 min Scan# 3385

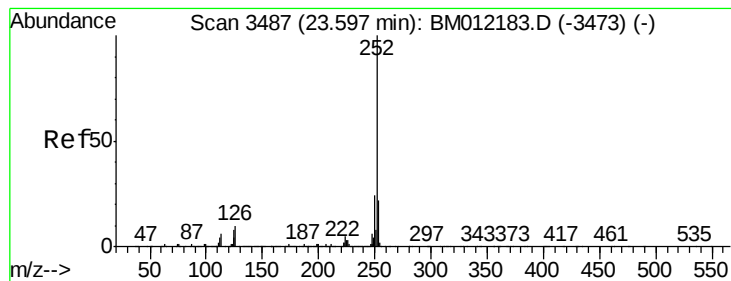
Delta R.T. -0.05 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Tgt Ion:252	Resp:	366020
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.1 25.7
125	8.4	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 4.49 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

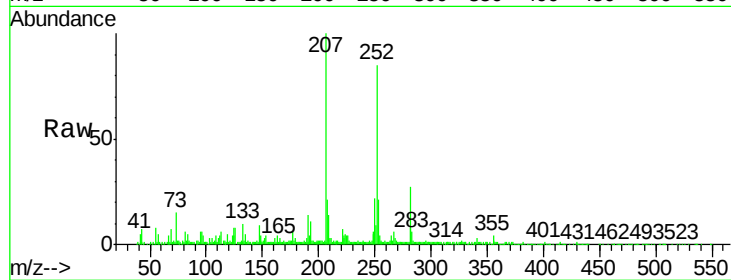
Tot Ion:252 Resp: 261381

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

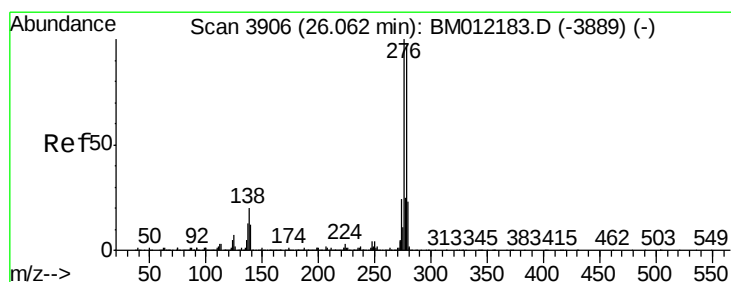
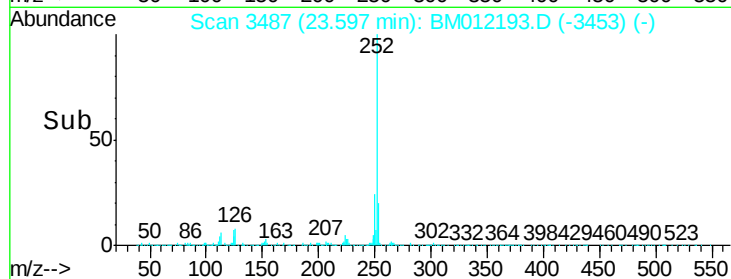
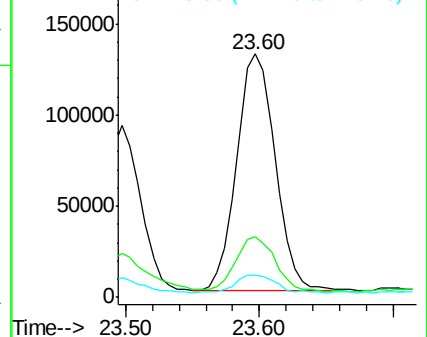
125 9.3 4.0 6.0#



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: 2.59 ng/ul

RT: 26.06 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

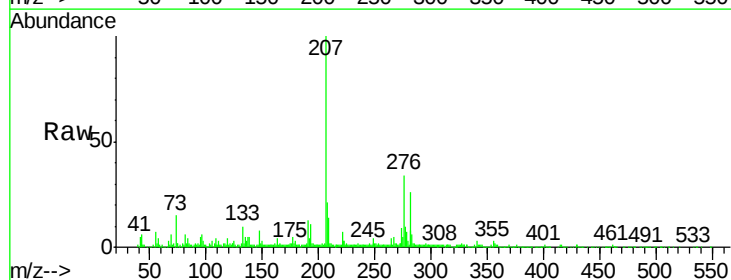
Tgt Ion:276 Resp: 160297

Ion Ratio Lower Upper

276 100

138 13.9 9.3 13.9#

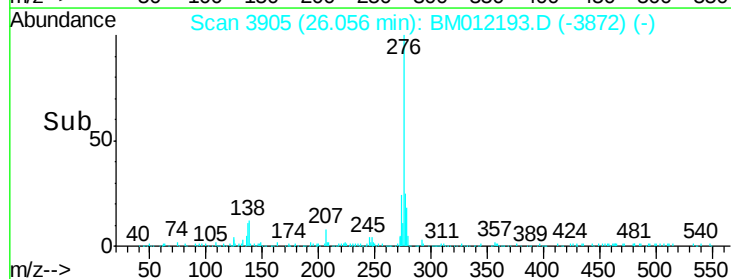
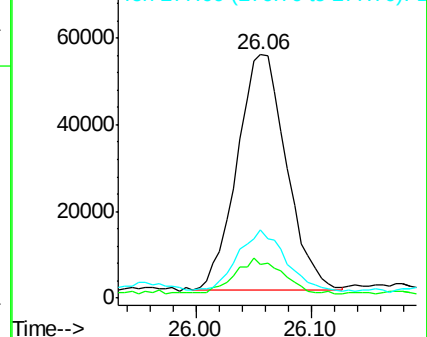
277 27.9 19.9 29.9

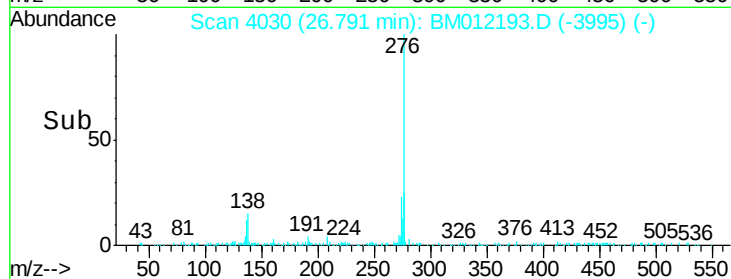
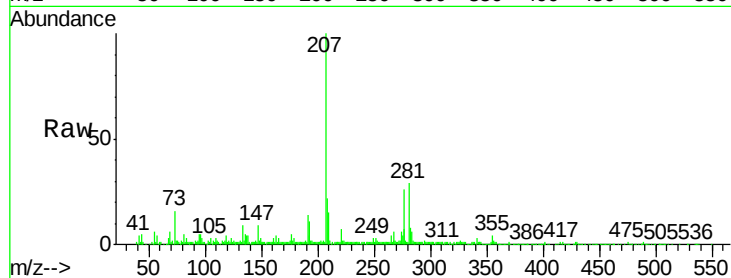
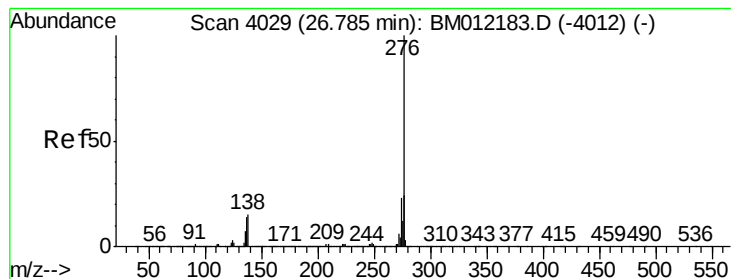


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.65 ng/ul

RT: 26.79 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

Tot Ion:276 Resp: 133989

Ion Ratio Lower Upper

276 100

138 16.6 8.5 12.7#

277 27.8 18.6 28.0

