

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM012003.D
 Acq On : 09 Oct 2017 07:04
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 08:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 03:46:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	273175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1199655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	775390	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1907104	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2468153	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2637434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	11538	2.00	ng/uL	0.00
5) Phenol-d5	7.01	99	211480	9.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	144150	10.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	201237	10.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	182091	8.96	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	90469	10.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	105344	10.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	203387	10.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	142134	6.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	753974	11.22	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	880164	11.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	59617	5.08	ng/ul	0.01
57) Fluorene-d10	15.49	176	652318	11.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	80573	6.28	ng/ul	0.00
70) Anthracene-d10	17.34	188	1165746	12.40	ng/ul	0.00
76) Pyrene-d10	19.63	212	1617224	14.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1743747	13.74	ng/ul	0.00

Target Compounds

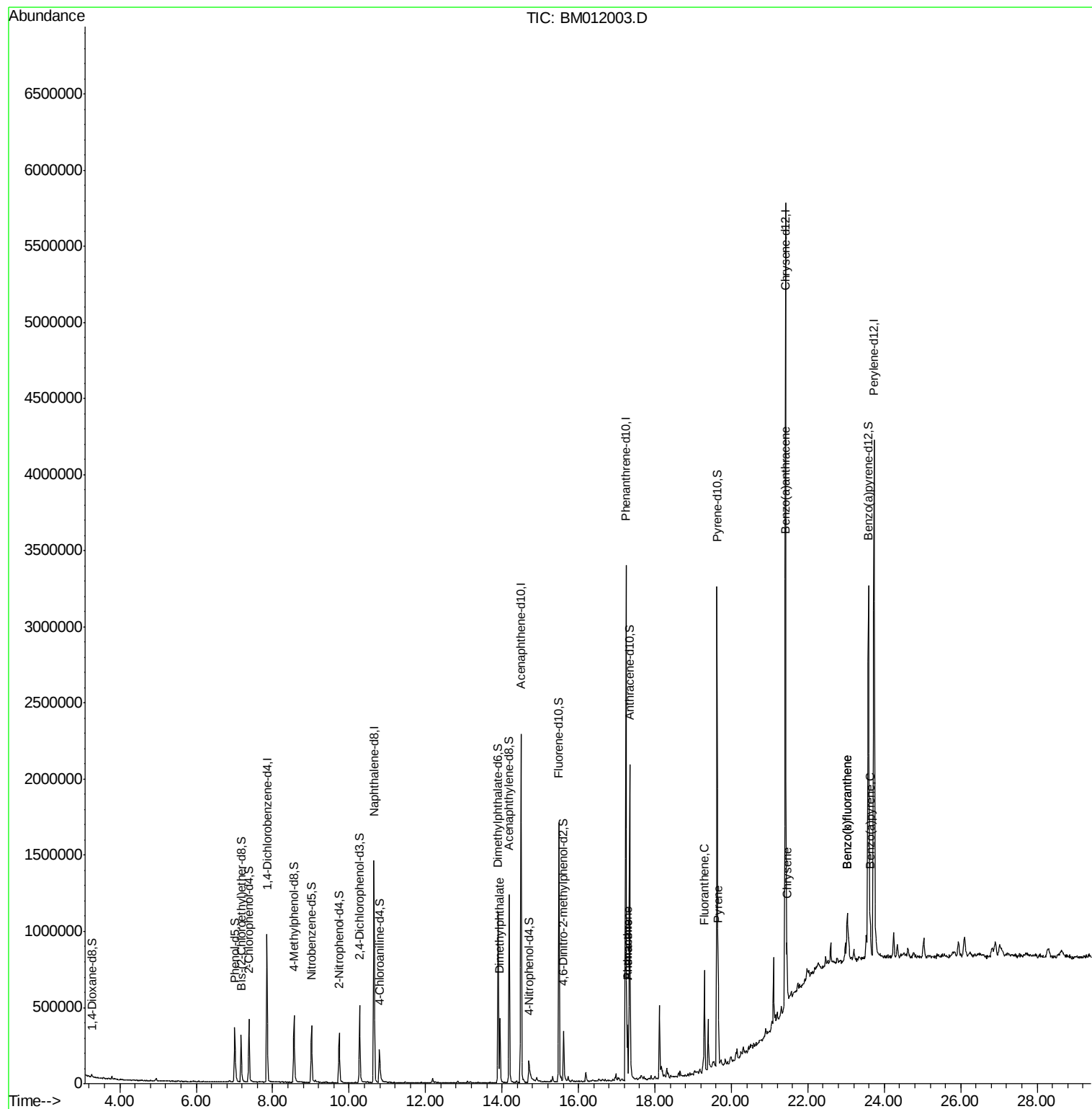
					Ovalue	
44) Dimethylphthalate	13.95	163	281007	4.346	ng/ul	99
69) Phenanthrene	17.28	178	197634	1.884	ng/ul	97
71) Anthracene	17.28	178	197634	1.852	ng/ul	97
74) Fluoranthene	19.29	202	385509	3.012	ng/ul#	90
77) Pyrene	19.66	202	341024	2.492	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	210159	1.486	ng/ul	99
82) Chrysene	21.45	228	188846	1.406	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	260772	1.627	ng/ul#	91
86) Benzo(k)fluoranthene	23.03	252	260772	1.629	ng/ul#	89
88) Benzo(a)pyrene	23.63	252	174768	1.135	ng/ul#	96

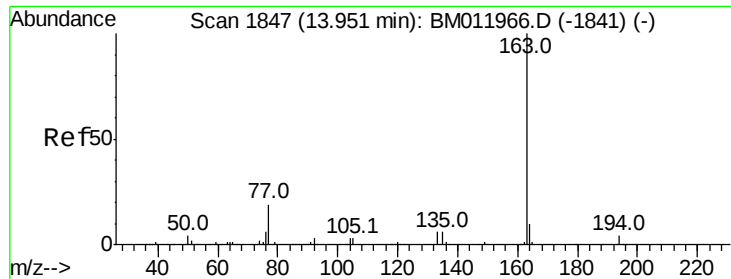
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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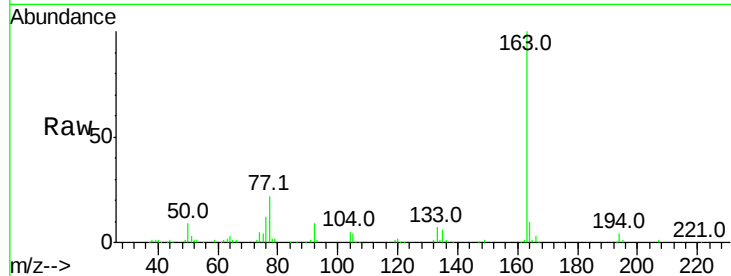




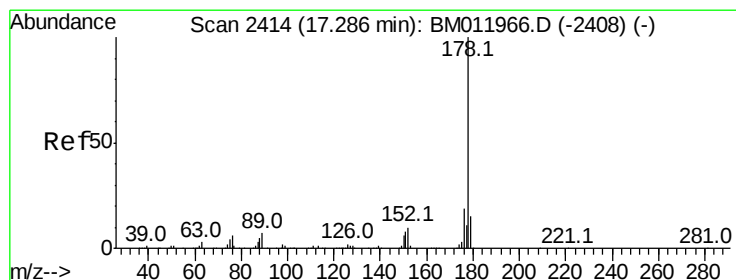
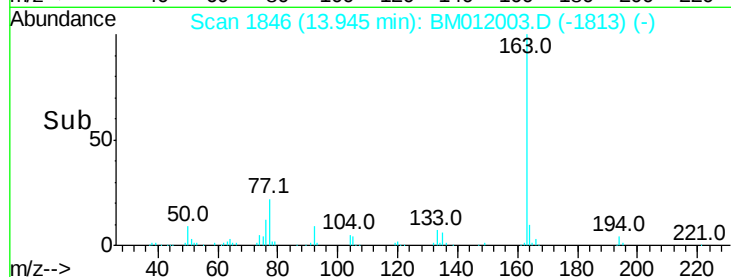
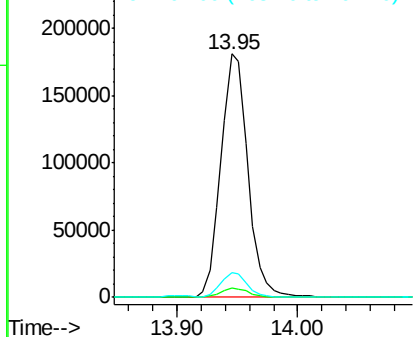
#44
Dimethylphthalate
Concen: 4.346 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM012003.D
Acq: 09 Oct 2017 07:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:163 Resp: 281007
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.1 8.2 12.4

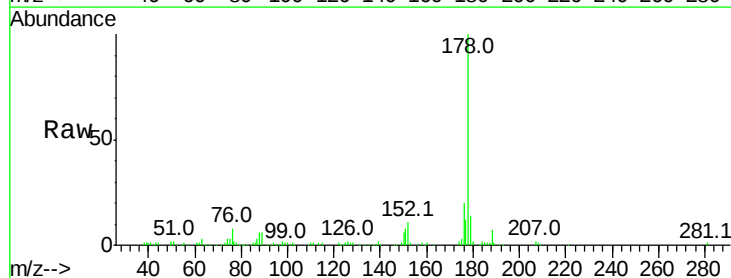


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

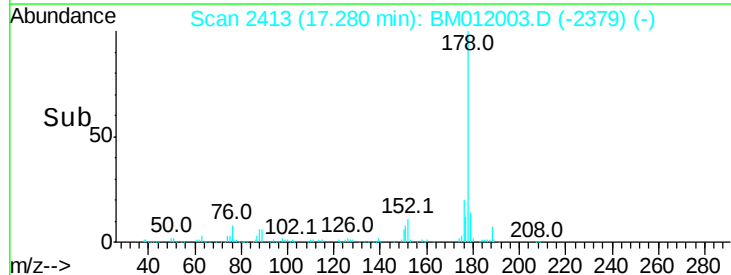
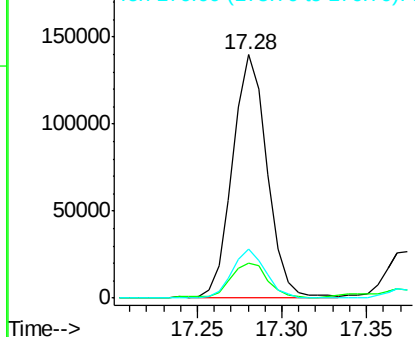


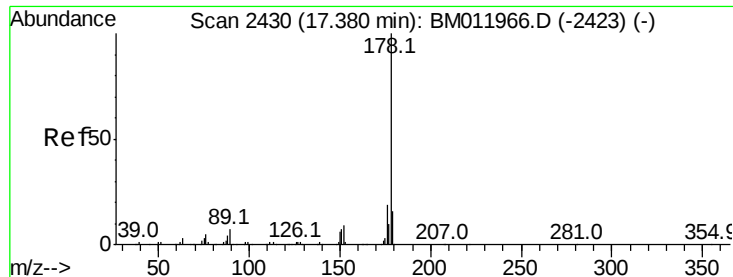
#69
Phenanthrene
Concen: 1.884 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM012003.D
Acq: 09 Oct 2017 07:04

Tgt Ion:178 Resp: 197634
Ion Ratio Lower Upper
178 100
179 14.5 12.6 19.0
176 20.2 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





#71

Anthracene

Concen: 1.852 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.09 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

Instrument :

BNA_M

ClientSampleId :

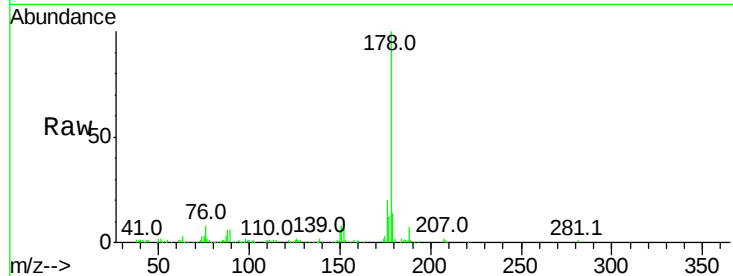
Tot Ion:178 Resp: 197634

Ion Ratio Lower Upper

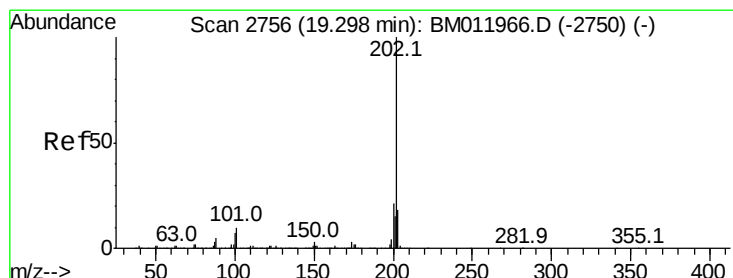
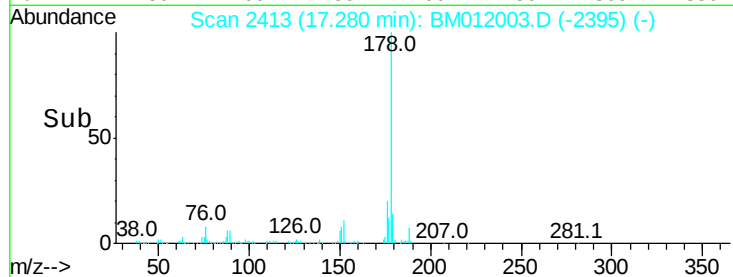
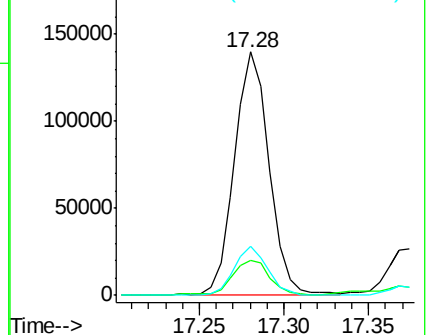
178 100

179 14.5 11.7 17.5

176 20.2 14.6 21.8



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: 3.012 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

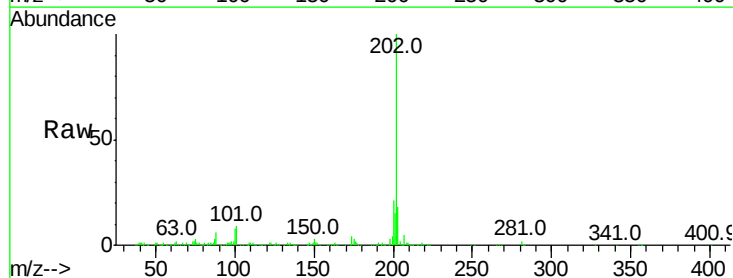
Tgt Ion:202 Resp: 385509

Ion Ratio Lower Upper

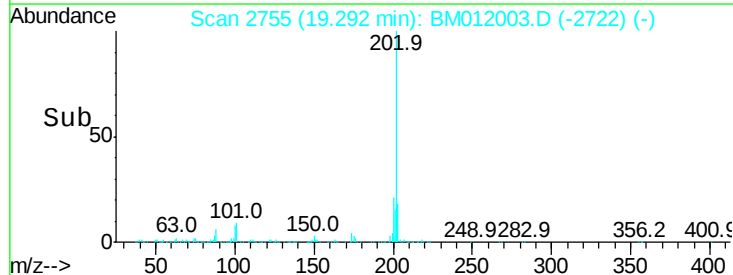
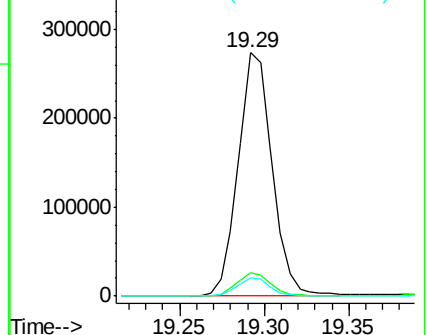
202 100

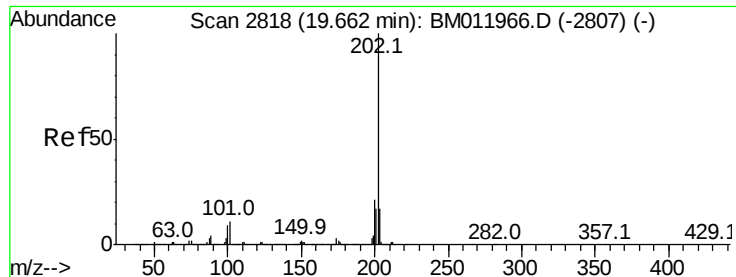
101 9.4 4.6 7.0#

100 7.6 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: 2.492 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

Instrument :

BNA_M

ClientSampleId :

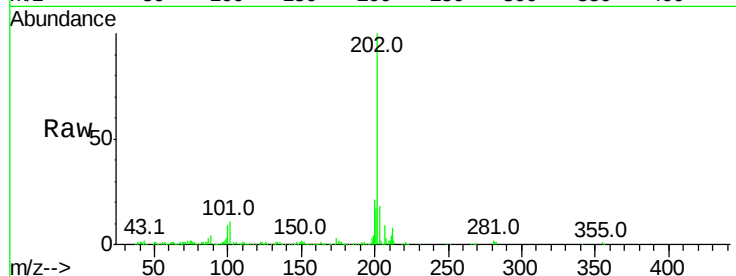
Tot Ion:202 Resp: 341024

Ion Ratio Lower Upper

202 100

101 11.4 5.1 7.7#

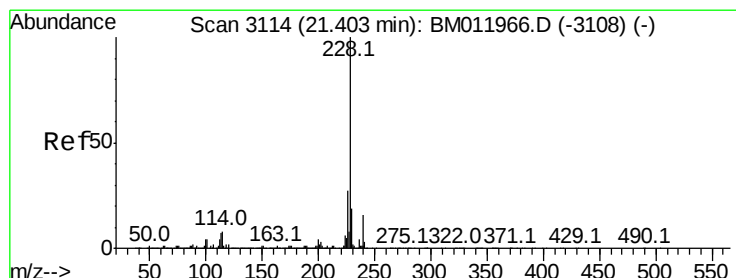
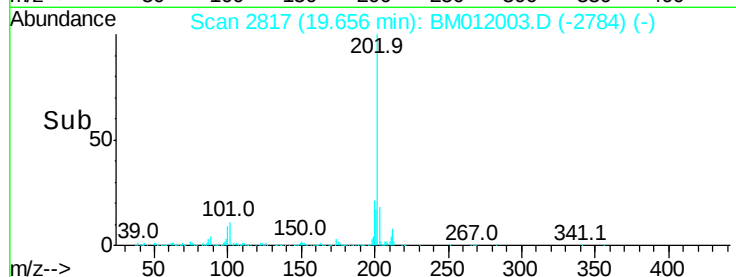
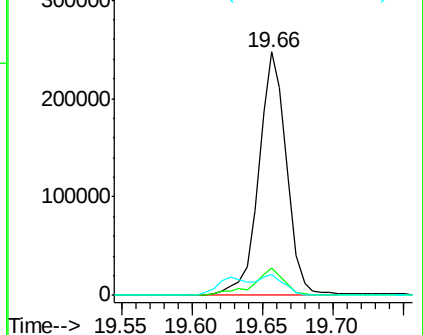
100 8.8 4.9 7.3#



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: 1.486 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

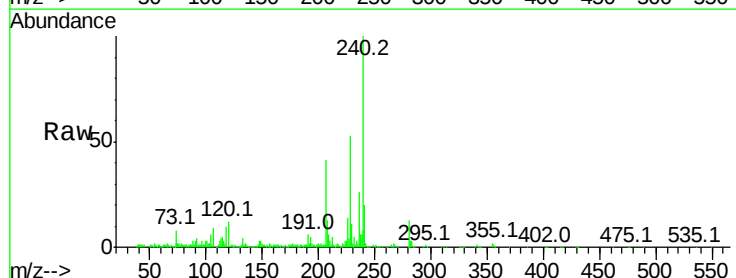
Tgt Ion:228 Resp: 210159

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

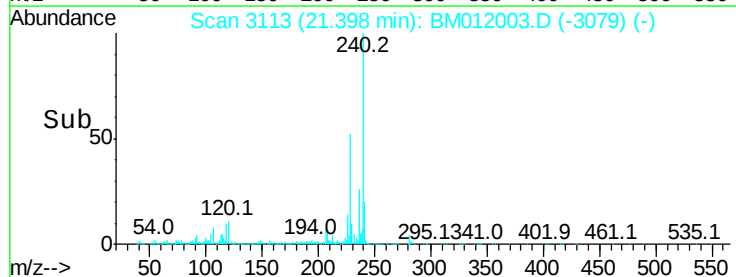
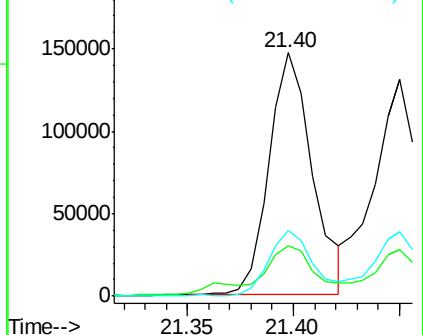
226 26.9 21.4 32.0

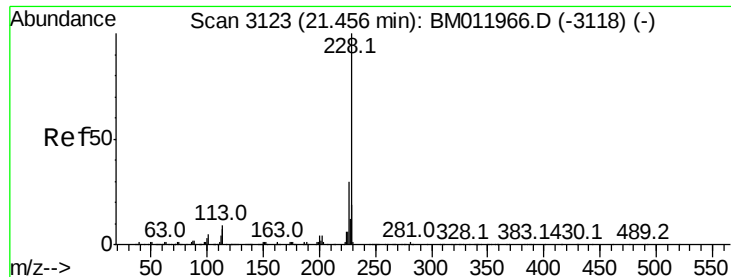


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.406 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

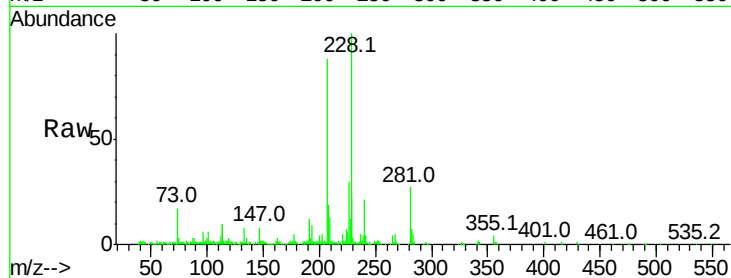
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 188846

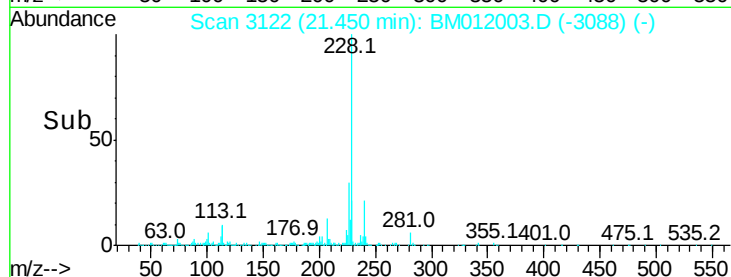
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.6	15.5	23.3



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



Time-->

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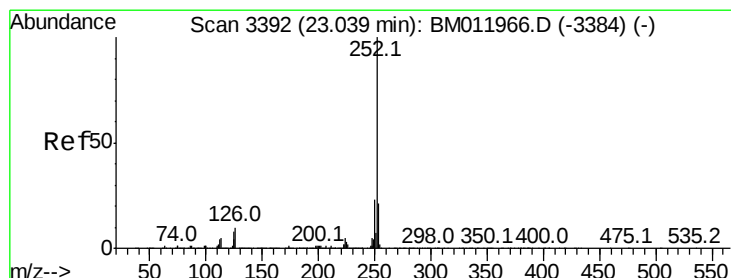
21.45

21.45

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21.45



#85

Benzo(b)fluoranthene

Concen: 1.627 ng/ul

RT: 23.03 min Scan# 3391

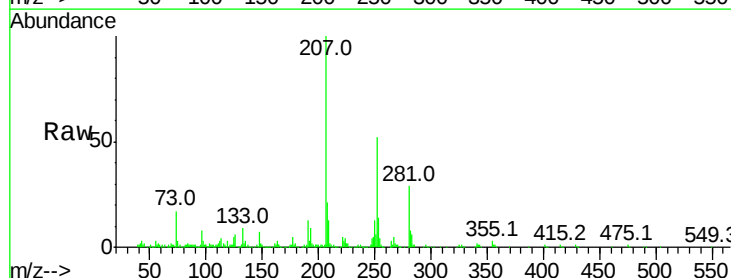
Delta R.T. 0.00 min

Lab File: BM012003.D

Acq: 09 Oct 2017 07:04

Tgt Ion:252 Resp: 260772

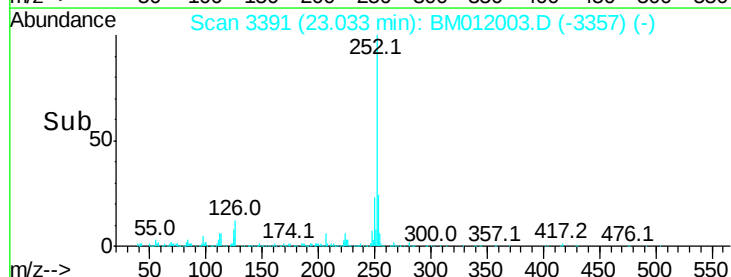
Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	9.2	3.6	5.4



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



Time-->

23.03

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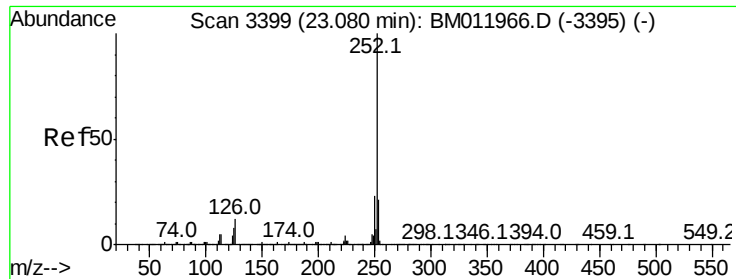
23.03

23.03

23.03

23.03

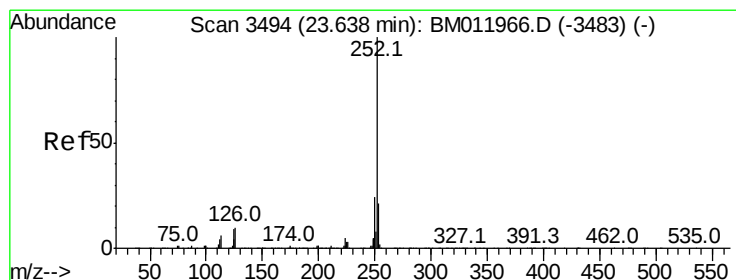
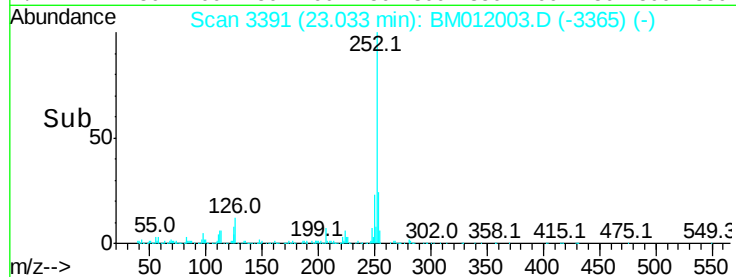
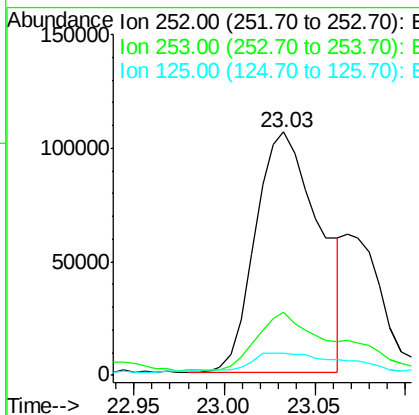
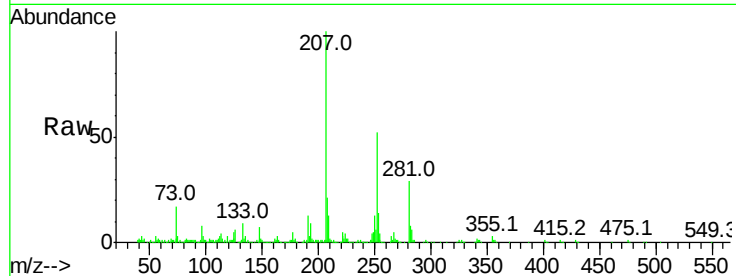
23.03



#86
Benzo(k)fluoranthene
Concen: 1.629 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.05 min
Lab File: BM012003.D
Acq: 09 Oct 2017 07:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 260772
Ion Ratio Lower Upper
252 100
253 26.0 17.1 25.7#
125 9.2 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.135 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM012003.D
Acq: 09 Oct 2017 07:04

Tgt Ion:252 Resp: 174768
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 9.9 4.0 6.0#

