

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017104.D
 Acq On : 10 Oct 2018 19:21
 Operator : MJ/SJ
 Sample : J5234-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

Quant Time: Oct 11 04:59:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 11 04:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	269401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1287730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	757873	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1720870	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1540157	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1242384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	18342	3.38	ng/uL	0.00
5) Phenol-d5	6.87	99	569121	25.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	364122	26.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	510313	27.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	517772	29.34	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	267171	28.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	277783	29.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	549709	27.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	721047	30.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1804944	30.02	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2276857	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	184834	16.27	ng/ul	0.00
58) Fluorene-d10	15.33	176	1599532	29.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	143520	14.14	ng/ul	0.00
71) Anthracene-d10	17.18	188	2431210	29.58	ng/ul	0.00
79) Pyrene-d10	19.48	212	2593093	37.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1952618	30.70	ng/ul	0.00

Target Compounds

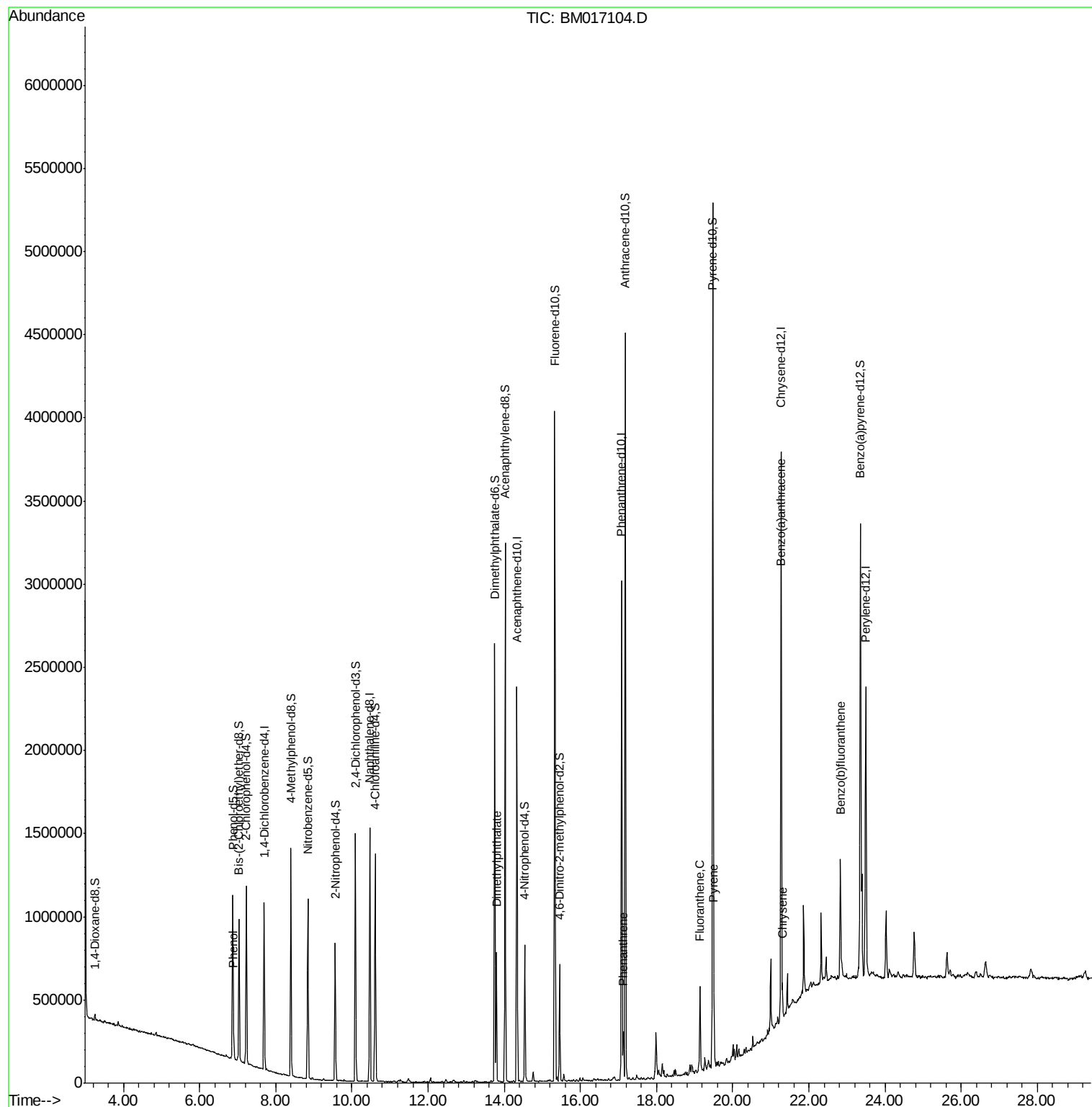
					Ovalue
6) Phenol	6.89	94	55656	2.470 ng/ul	97
45) Dimethylphthalate	13.79	163	498832	8.378 ng/ul	99
70) Phenanthrene	17.12	178	169255	1.754 ng/ul	99
77) Fluoranthene	19.14	202	298412	2.670 ng/ul	99
80) Pyrene	19.50	202	264869	2.968 ng/ul	99
83) Benzo(a)anthracene	21.26	228	103662	1.122 ng/ul	95
85) Chrysene	21.30	228	113222	1.267 ng/ul	96
88) Benzo(b)fluoranthene	22.83	252	107484	1.453 ng/ul#	85

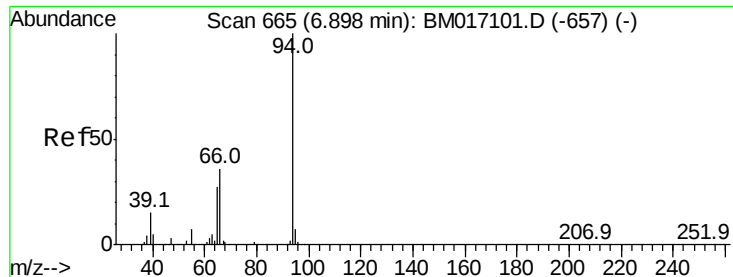
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.470 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017104.D

Acq: 10 Oct 2018 19:21

Instrument :

BNA_M

ClientSampled :

C0AK4

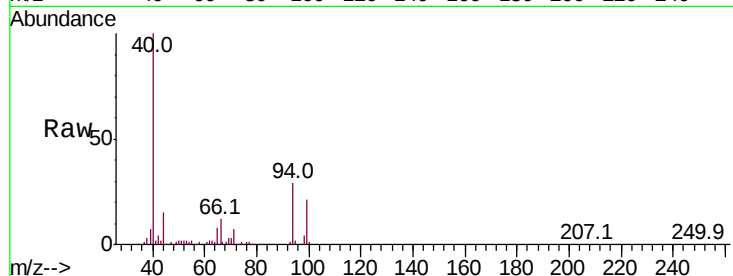
Tot Ion: 94 Resp: 55656

Ion Ratio Lower Upper

94 100

65 28.7 22.8 34.2

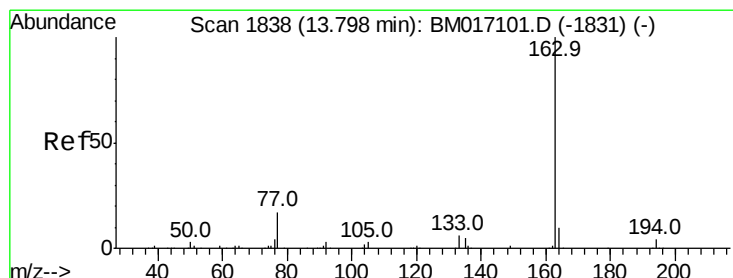
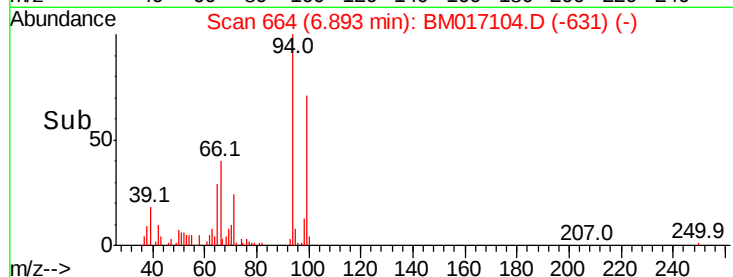
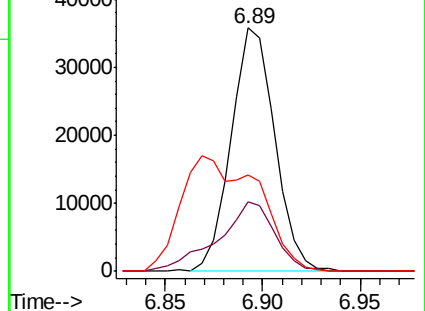
66 39.5 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BM017101.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM017101.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM017101.D (-657) (-)



#45

Dimethylphthalate

Concen: 8.378 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM017104.D

Acq: 10 Oct 2018 19:21

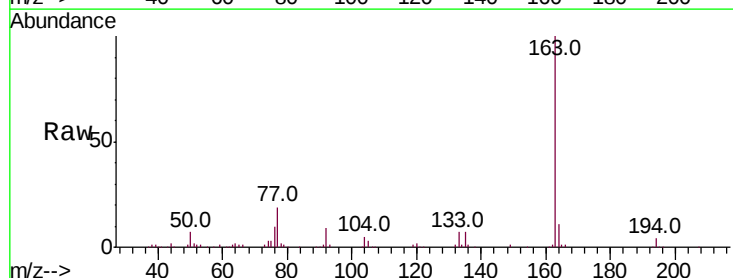
Tgt Ion:163 Resp: 498832

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

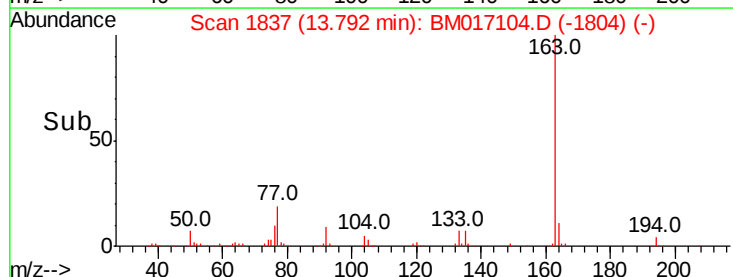
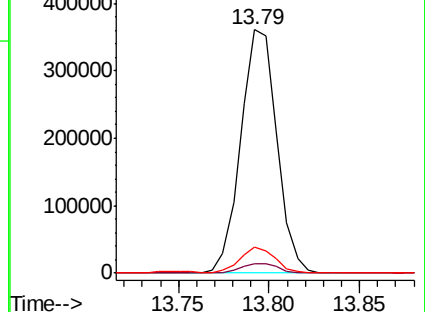
164 10.6 8.0 12.0

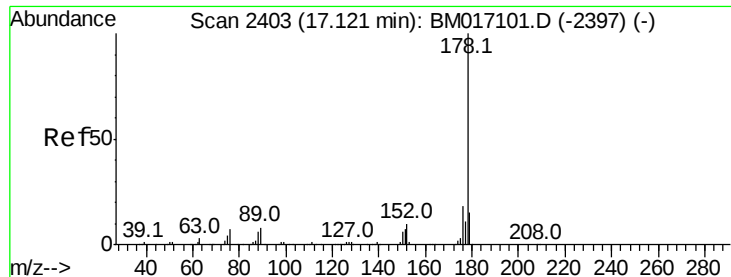


Abundance Ion 163.00 (162.70 to 163.70): BM017101.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM017101.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM017101.D (-1831) (-)





#70

Phenanthrene

Concen: 1.754 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM017104.D

Acq: 10 Oct 2018 19:21

Instrument :

BNA_M

ClientSampleId :

C0AK4

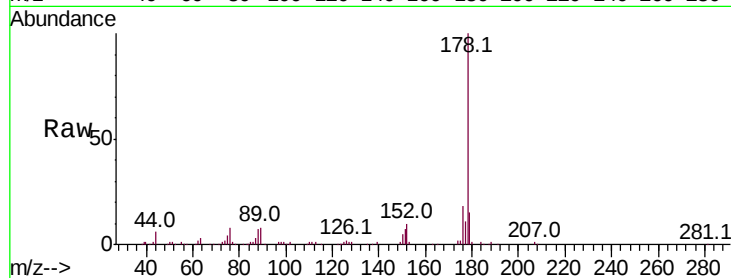
Tot Ion:178 Resp: 169255

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

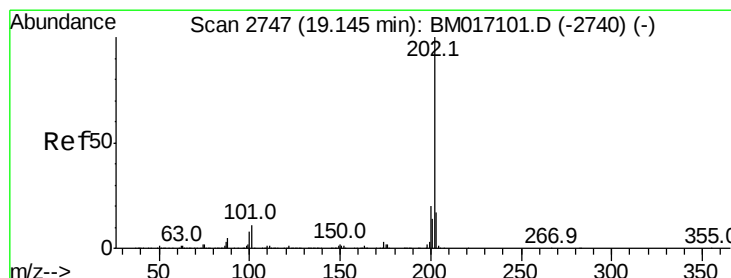
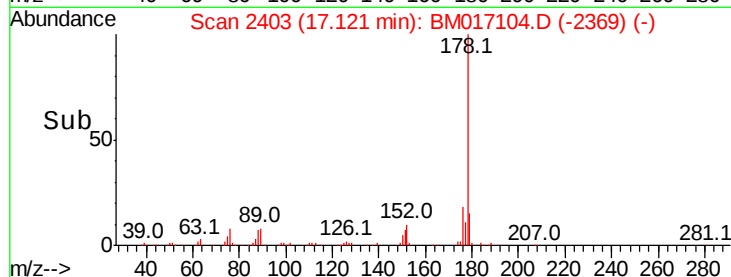
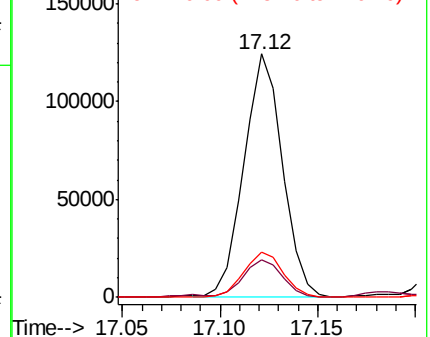
176 18.4 15.0 22.4



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



#77

Fluoranthene

Concen: 2.670 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM017104.D

Acq: 10 Oct 2018 19:21

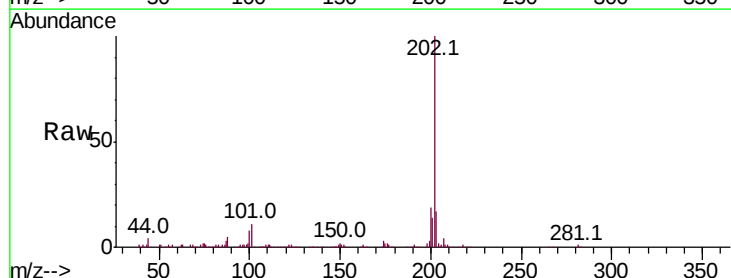
Tgt Ion:202 Resp: 298412

Ion Ratio Lower Upper

202 100

101 10.9 8.3 12.5

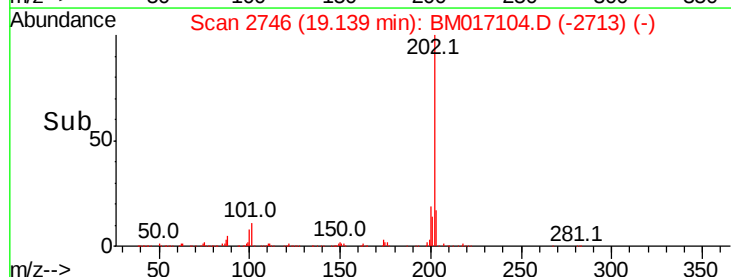
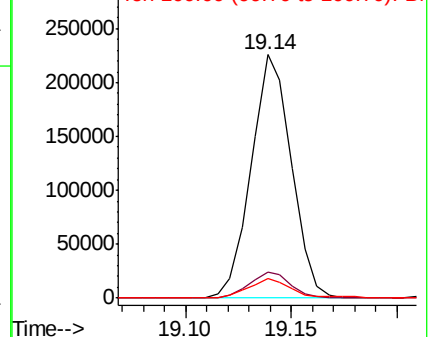
100 7.9 6.6 9.8

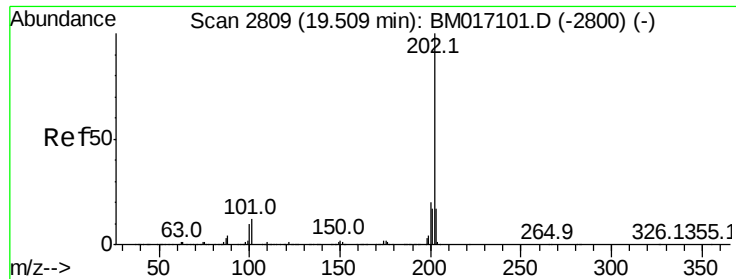


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

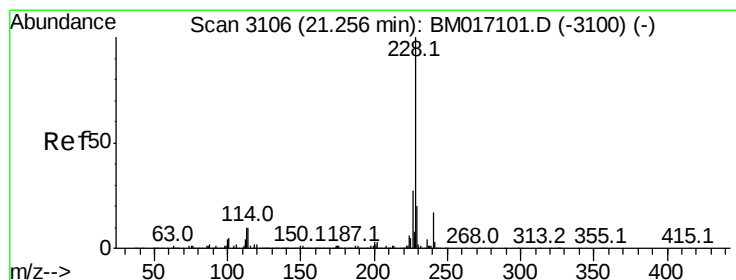
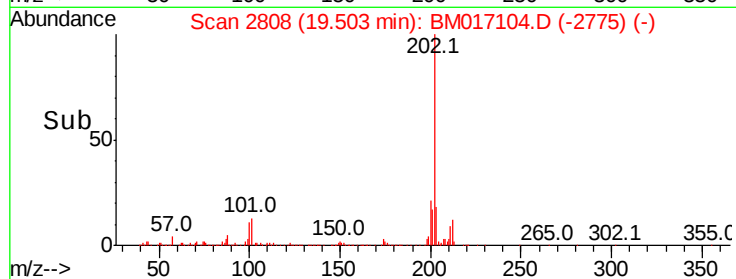
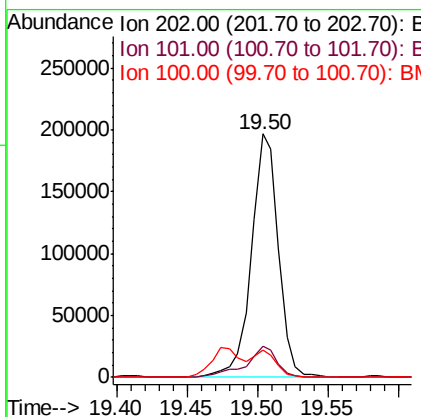
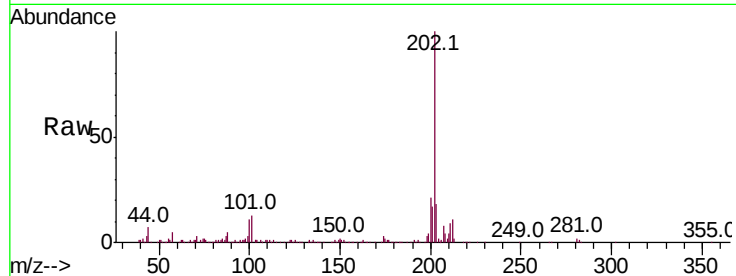




#80
Pvrene
Concen: 2.968 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM017104.D
Acq: 10 Oct 2018 19:21

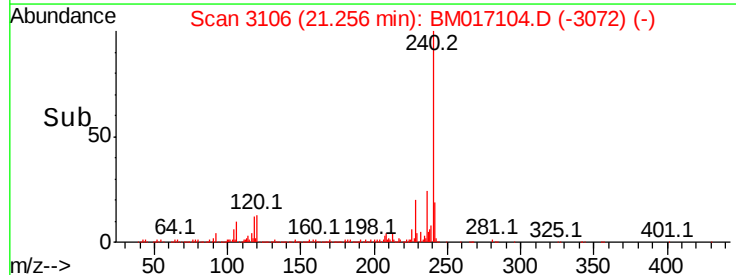
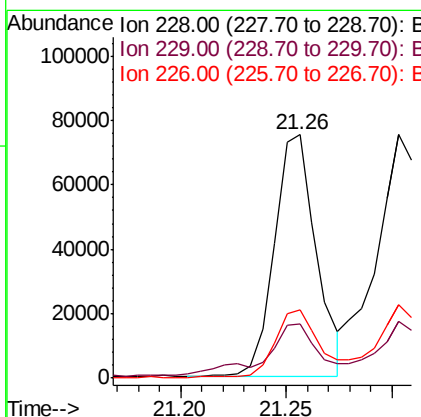
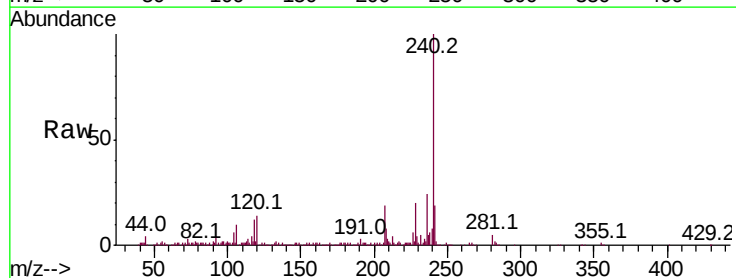
Instrument :
BNA_M
ClientSampleId :
C0AK4

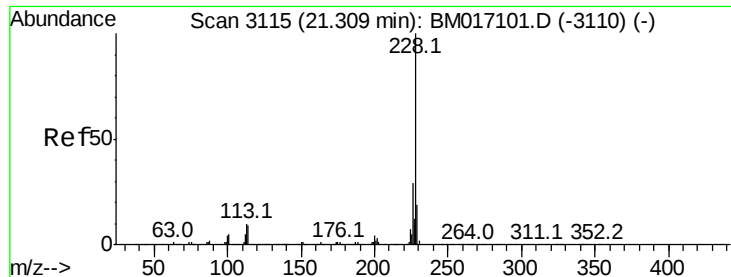
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.8	16.2
100	11.2	8.9	13.3



#83
Benzo(a)anthracene
Concen: 1.122 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017104.D
Acq: 10 Oct 2018 19:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	28.2	20.9	31.3

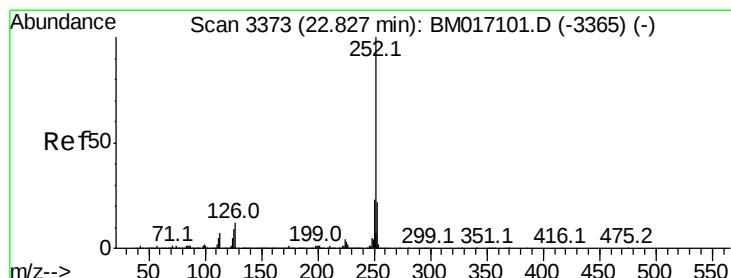
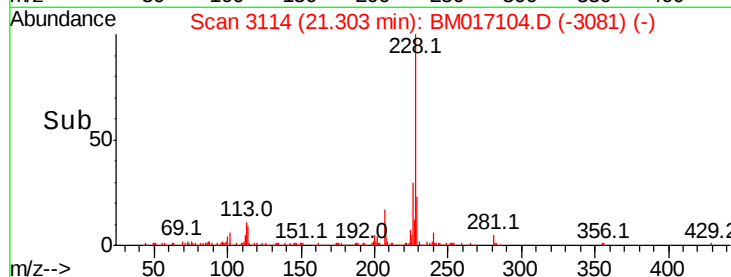
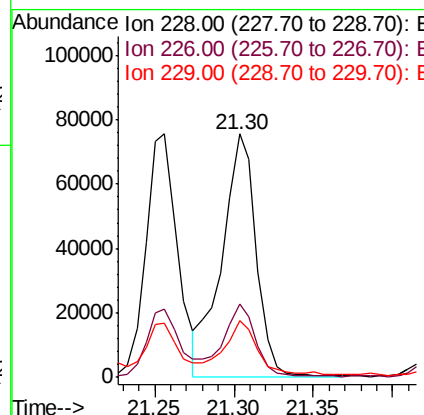
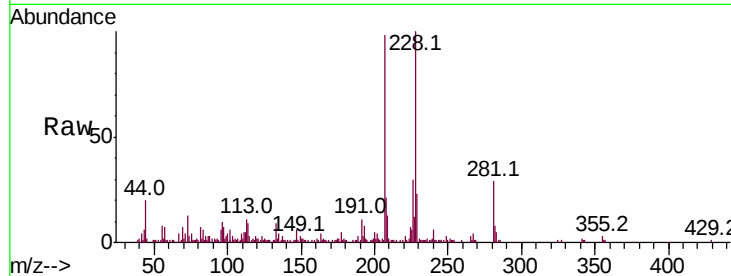




#85
Chrysene
Concen: 1.267 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM017104.D
Acq: 10 Oct 2018 19:21

Instrument :
BNA_M
ClientSampleId :
C0AK4

Tot Ion:228 Resp: 113222
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 23.4 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 1.453 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM017104.D
Acq: 10 Oct 2018 19:21

Tgt Ion:252 Resp: 107484
Ion Ratio Lower Upper
252 100
253 26.3 17.3 25.9#
125 19.5 8.2 12.4#

