

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012909.D
 Acq On : 11 Nov 2017 19:25
 Operator : SJ/JU
 Sample : I6322-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 01:10:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 01:07:29 2017
 Response via : Initial Calibration

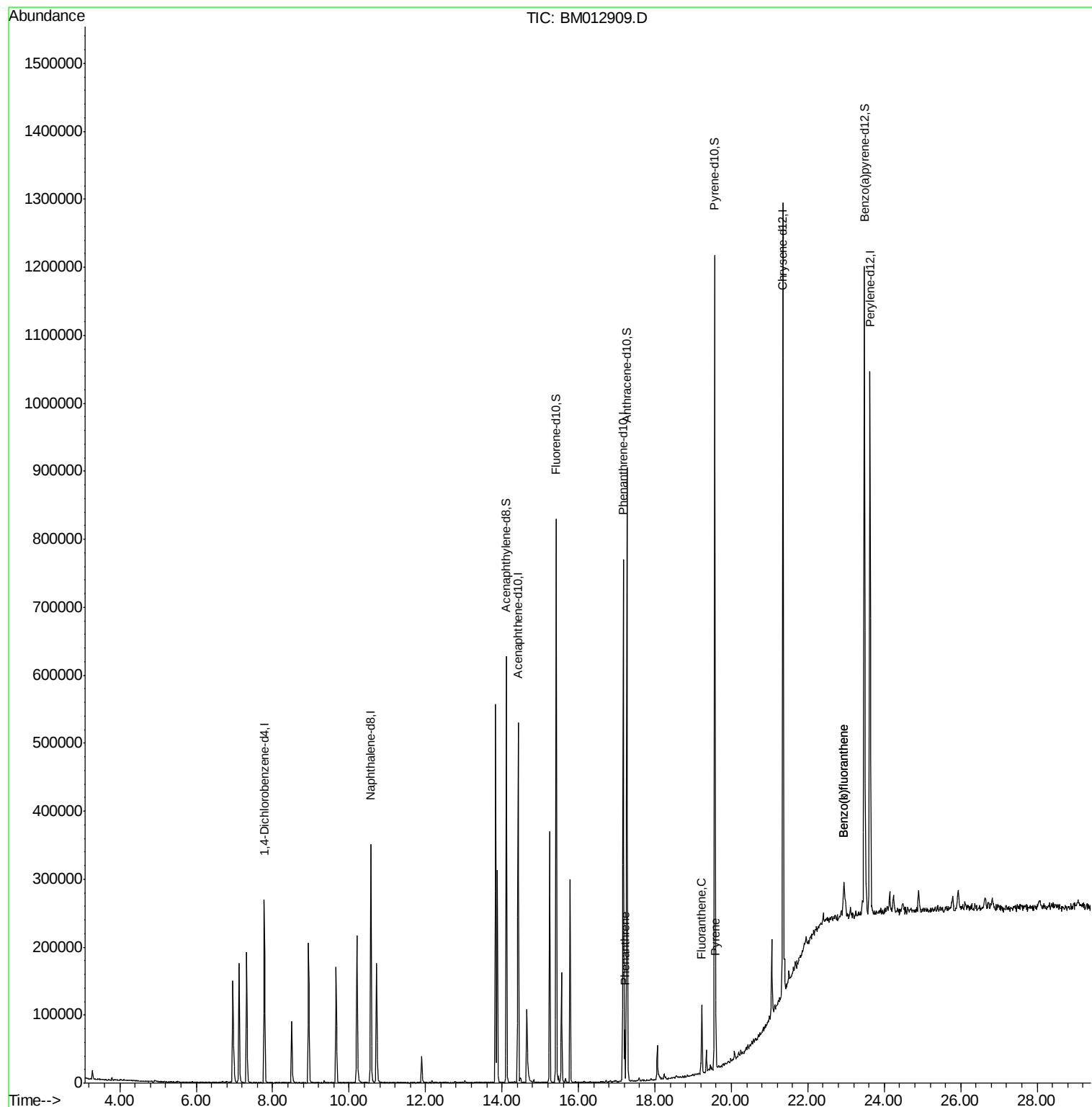
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	78133	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	303857	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	182223	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	434391	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	549723	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	622665	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	444251	23.44	ng/ul	0.00
10) Fluorene-d10	15.42	176	330309	25.48	ng/ul	0.00
14) Anthracene-d10	17.27	188	510418	24.31	ng/ul	0.00
18) Pyrene-d10	19.56	212	581854	23.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.48	264	684674	23.29	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.21	178	45723	1.91	ng/ul	Ovalue 98
16) Fluoranthene	19.23	202	61567	2.09	ng/ul#	92
19) Pyrene	19.59	202	51251	1.62	ng/ul#	90
23) Benzo(b)fluoranthene	22.94	252	42306	1.14	ng/ul	95
24) Benzo(k)fluoranthene	22.94	252	44013	1.24	ng/ul	95

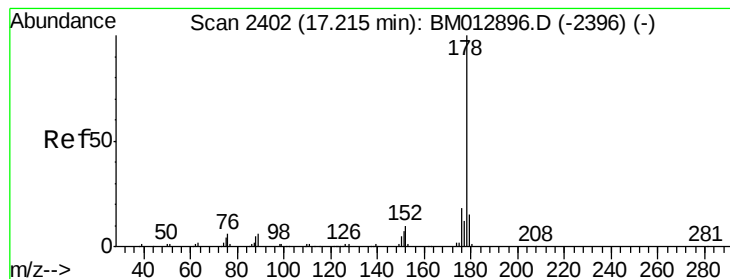
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.91 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM012909.D

Acq: 11 Nov 2017 19:25

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BNA_M

ClientSampleId :

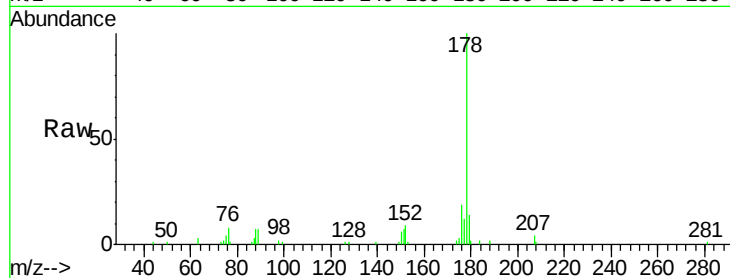
Tot Ion:178 Resp: 45723

Ion Ratio Lower Upper

178 100

179 14.0 12.3 18.5

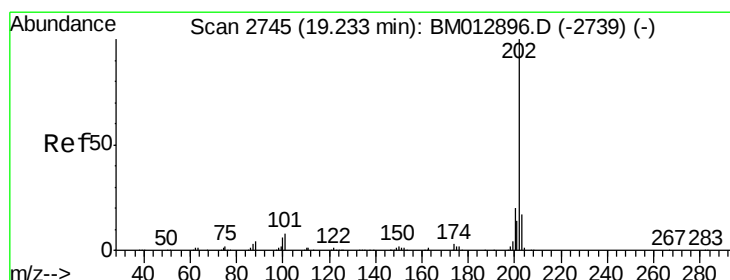
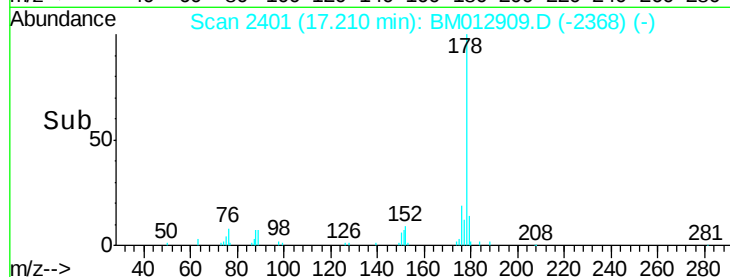
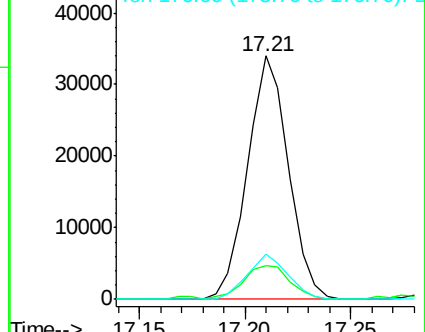
176 18.7 15.1 22.7



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



#16

Fluoranthene

Concen: 2.09 ng/ul

RT: 19.23 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM012909.D

Acq: 11 Nov 2017 19:25

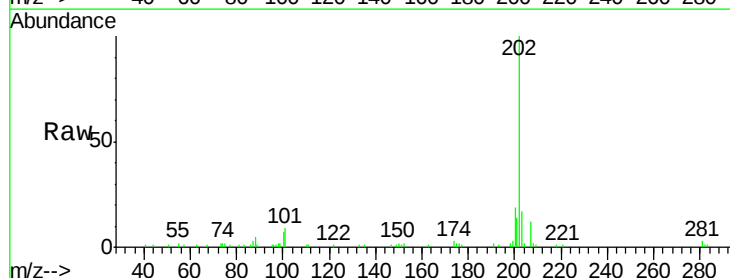
Tgt Ion:202 Resp: 61567

Ion Ratio Lower Upper

202 100

101 8.6 9.9 14.9#

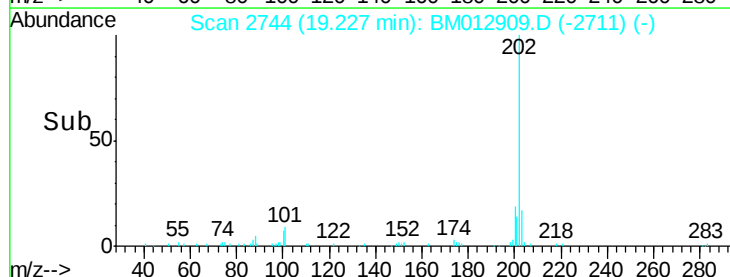
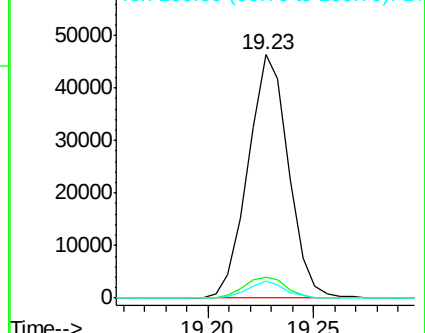
100 7.2 7.4 11.0#

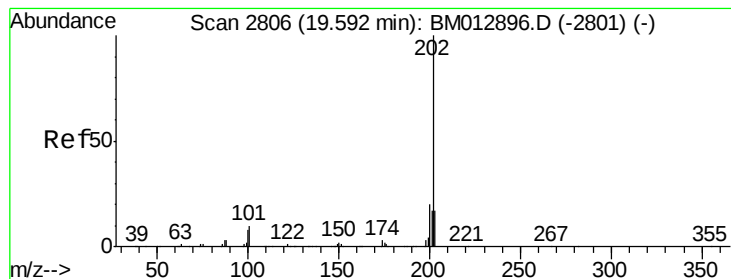


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 1.62 ng/ul

RT: 19.59 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM012909.D

Acq: 11 Nov 2017 19:25

Instrument :

BNA_M

ClientSampleId :

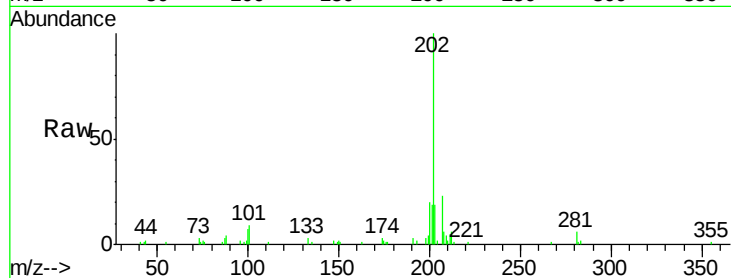
Tot Ion:202 Resp: 51251

Ion Ratio Lower Upper

202 100

101 9.1 11.0 16.4#

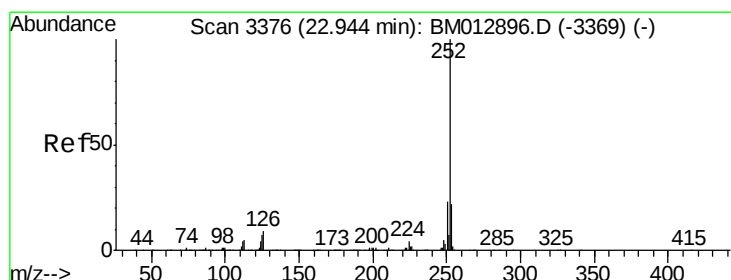
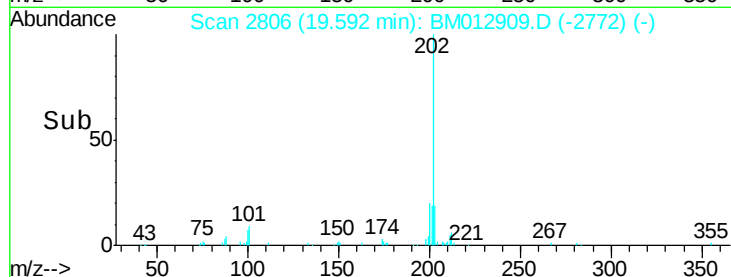
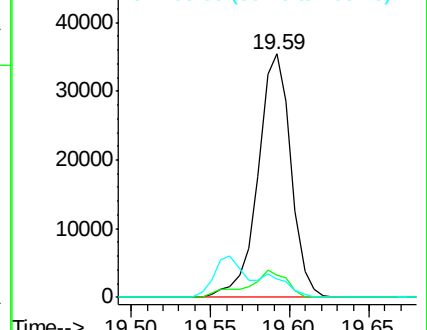
100 7.4 8.1 12.1#



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



#23

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 22.94 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM012909.D

Acq: 11 Nov 2017 19:25

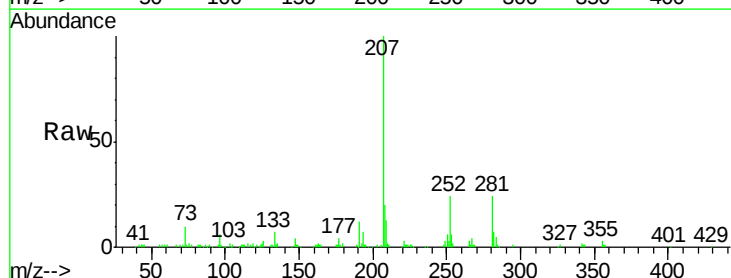
Tgt Ion:252 Resp: 42306

Ion Ratio Lower Upper

252 100

253 26.1 18.0 27.0

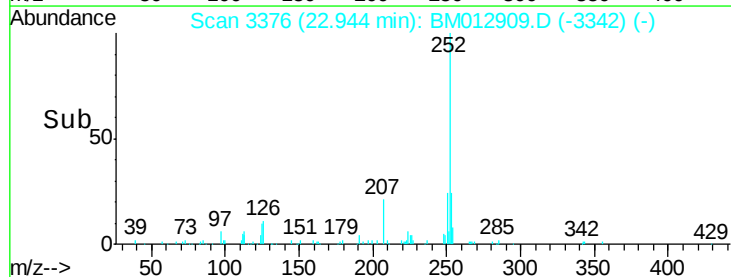
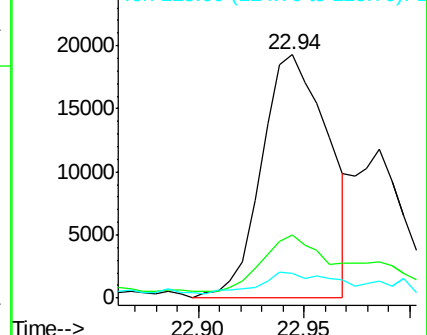
125 10.3 8.0 12.0

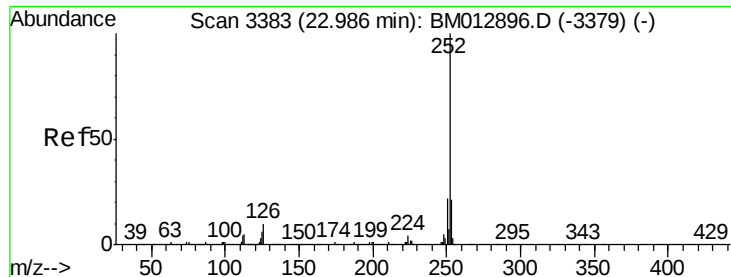


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24
 Benzo(k)fluoranthene
 Concen: 1.24 ng/ul
 RT: 22.94 min Scan# 3376
 Delta R.T. -0.04 min
 Lab File: BM012909.D
 Acq: 11 Nov 2017 19:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	10.3	8.1	12.1

