

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012899.D
 Acq On : 11 Nov 2017 13:29
 Operator : SJ/JU
 Sample : I6317-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 01:09:12 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

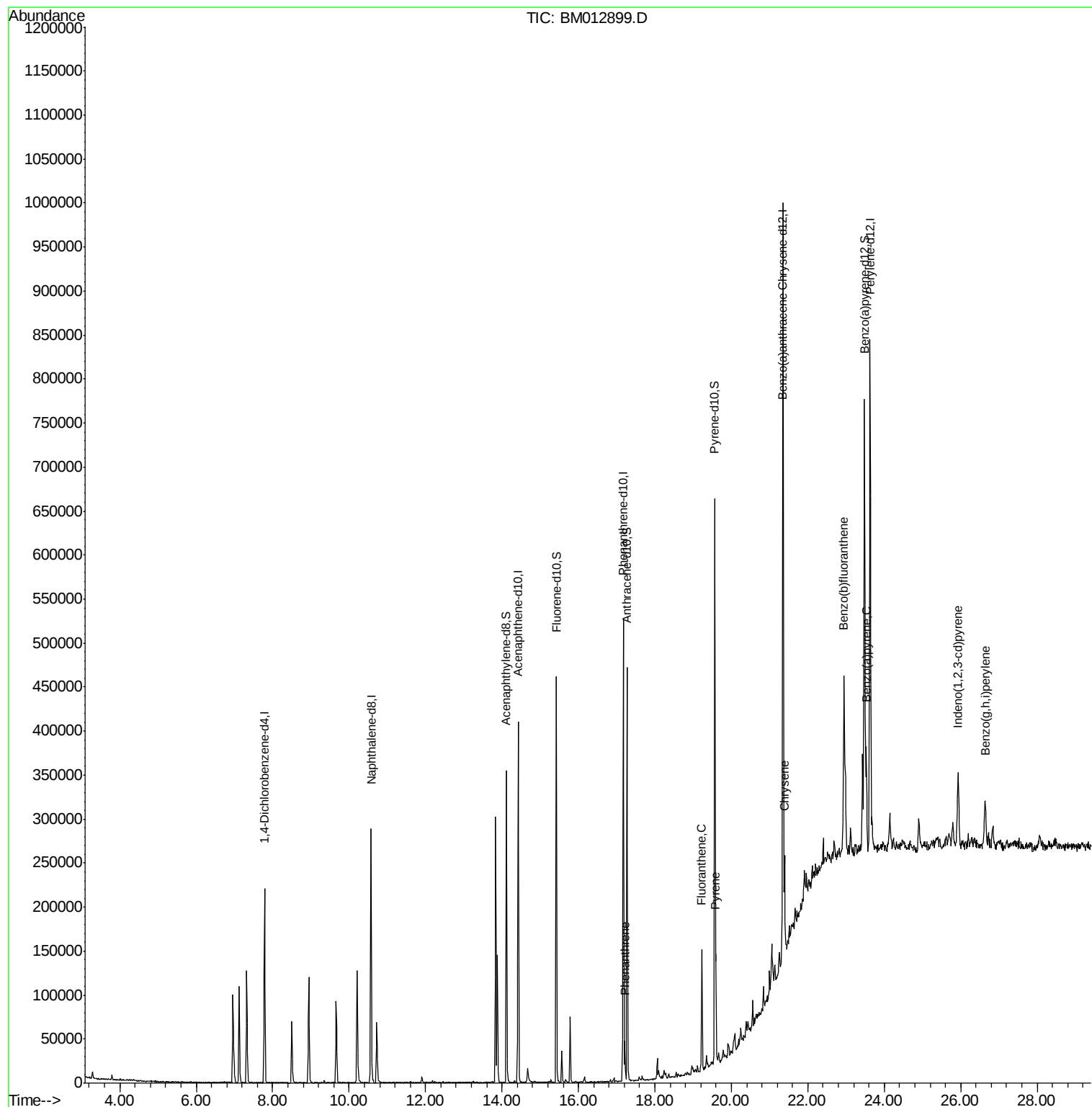
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63947	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	245099	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	144158	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	318352	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	380959	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	428106	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	253289	16.89	ng/ul	0.00
10) Fluorene-d10	15.42	176	187973	18.33	ng/ul	0.00
14) Anthracene-d10	17.27	188	275578	17.91	ng/ul	0.00
18) Pyrene-d10	19.56	212	301336	17.68	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	352951	17.46	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.22	178	30569	1.74	ng/ul	Ovalue 97
16) Fluoranthene	19.23	202	82314	3.81	ng/ul#	94
19) Pyrene	19.59	202	73928	3.38	ng/ul#	94
20) Benzo(a)anthracene	21.34	228	64828	2.77	ng/ul	97
21) Chrysene	21.39	228	66541	3.18	ng/ul	99
23) Benzo(b)fluoranthene	22.94	252	183384	7.20	ng/ul#	97
26) Benzo(a)pyrene	23.53	252	90832	3.68	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.93	276	83120	2.61	ng/ul	96
29) Benzo(g,h,i)perylene	26.64	276	68843	2.59	ng/ul	98

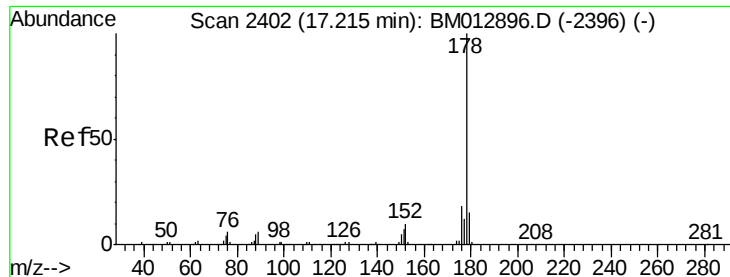
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.74 ng/ul

RT: 17.22 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM012899.D

Acq: 11 Nov 2017 13:29

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BNA_M

ClientSampleId :

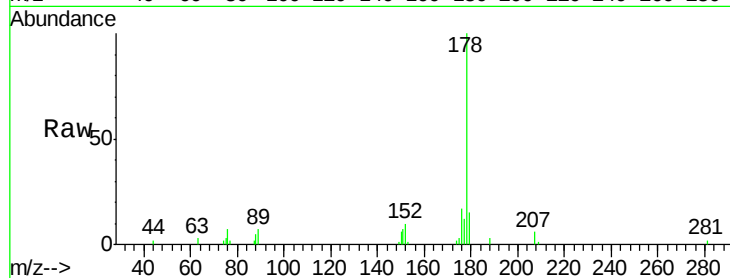
Tot Ion:178 Resp: 30569

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

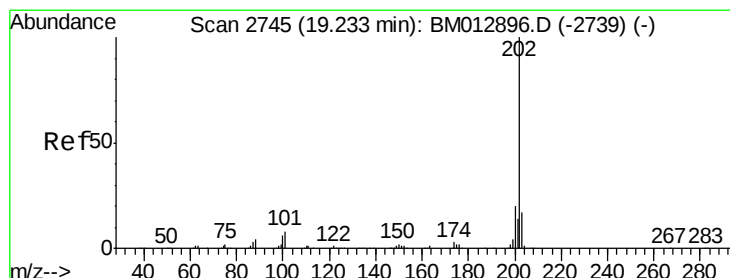
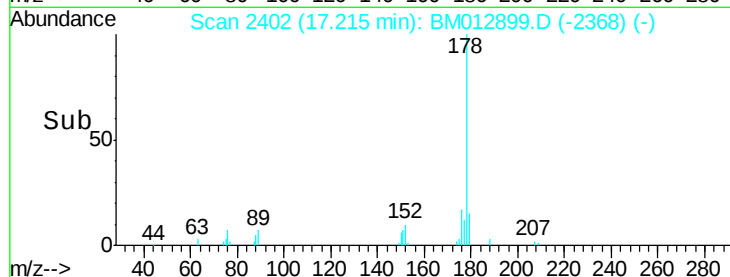
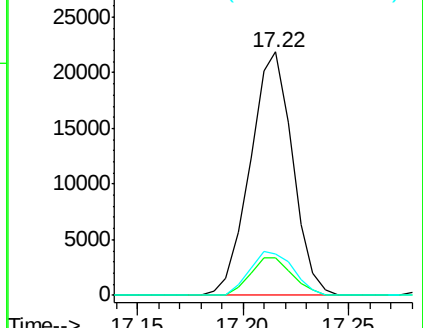
176 16.8 15.1 22.7



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: 3.81 ng/ul

RT: 19.23 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM012899.D

Acq: 11 Nov 2017 13:29

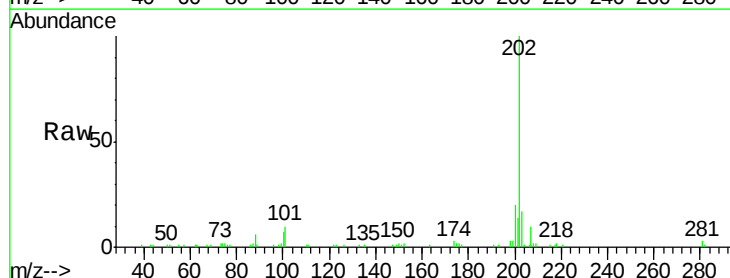
Tgt Ion:202 Resp: 82314

Ion Ratio Lower Upper

202 100

101 10.2 9.9 14.9

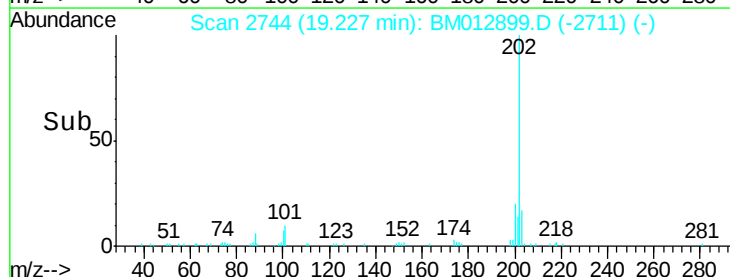
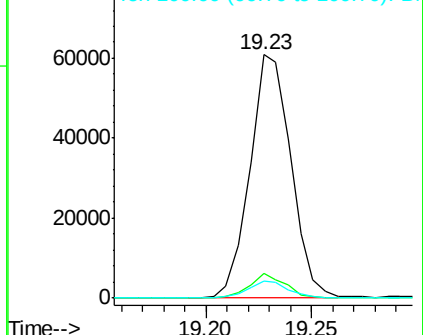
100 7.3 7.4 11.0#

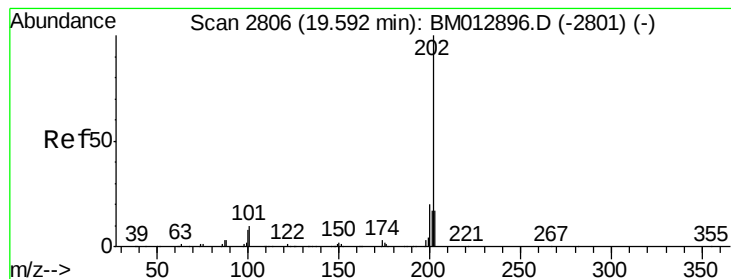


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.38 ng/ul

RT: 19.59 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM012899.D

Acq: 11 Nov 2017 13:29

Instrument :

BNA_M

ClientSampleId :

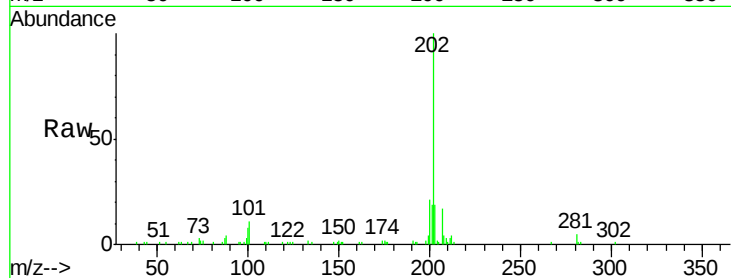
Tot Ion:202 Resp: 73928

Ion Ratio Lower Upper

202 100

101 11.2 11.0 16.4

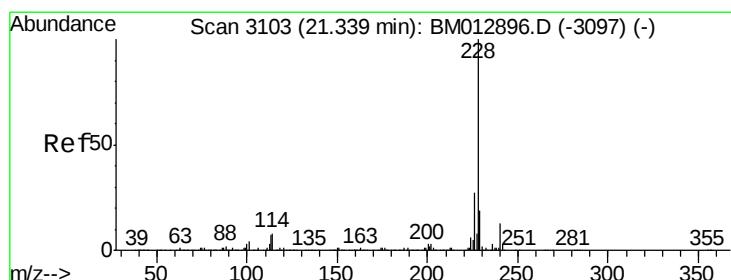
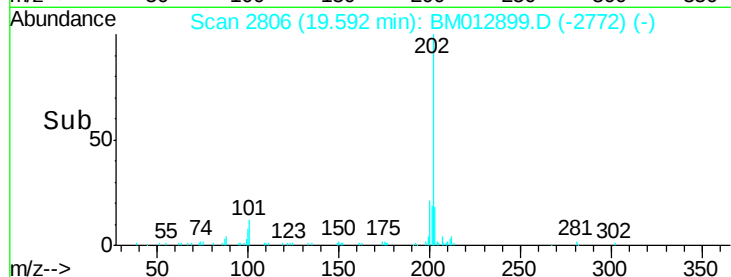
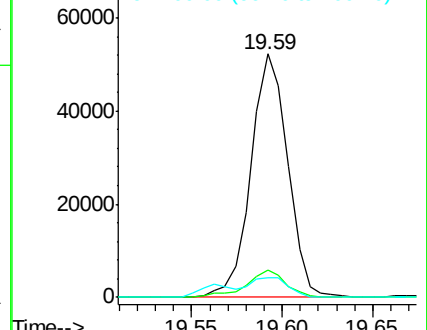
100 8.1 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 2.77 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012899.D

Acq: 11 Nov 2017 13:29

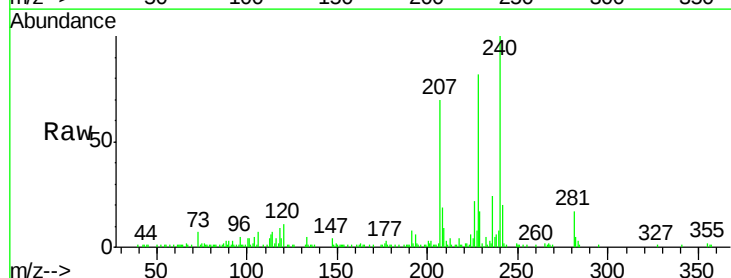
Tgt Ion:228 Resp: 64828

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

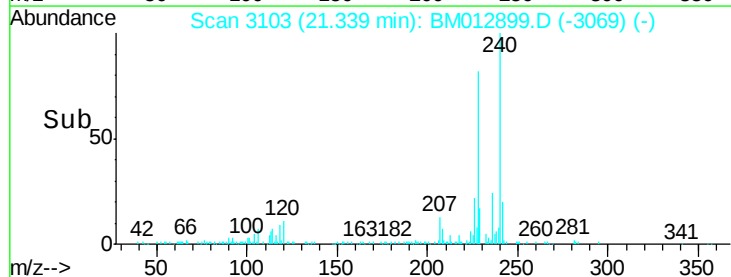
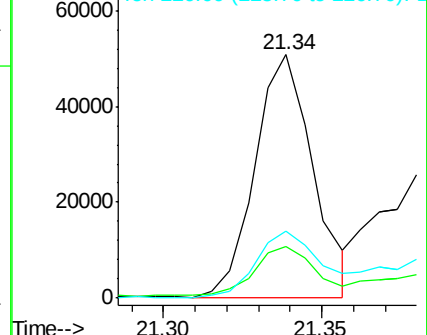
226 27.5 21.1 31.7

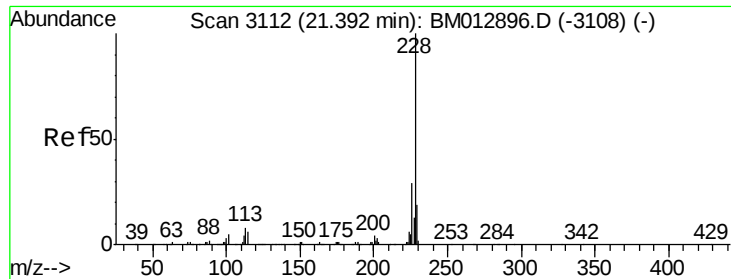


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

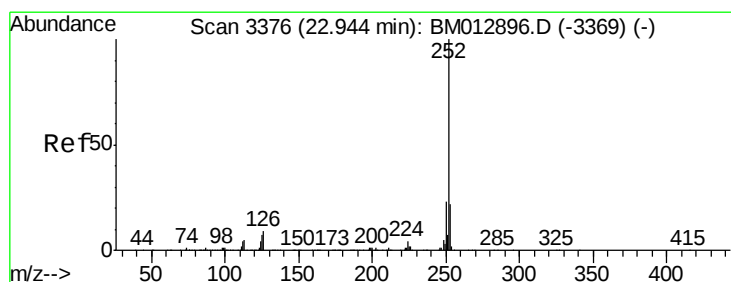
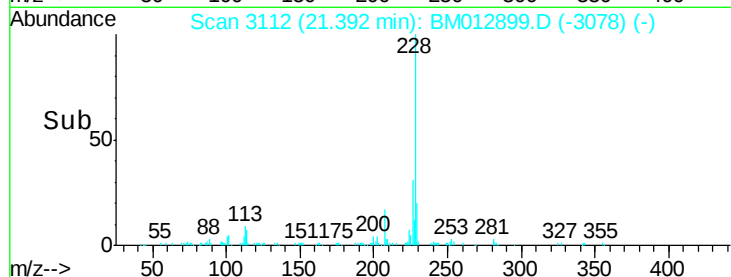
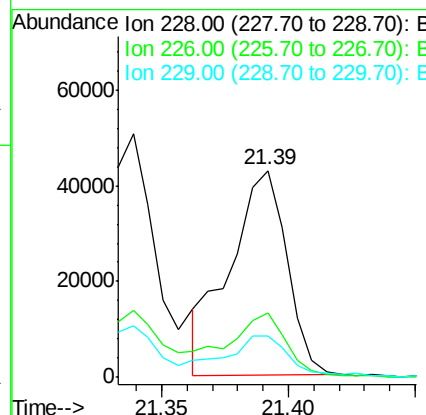
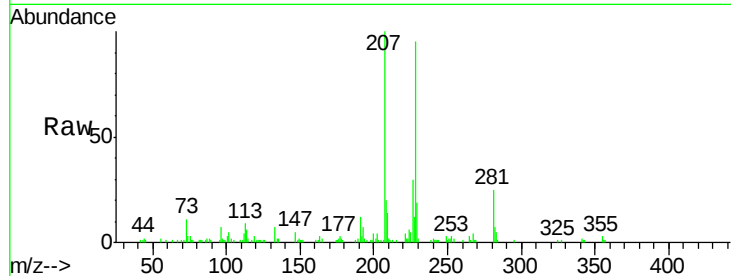




#21
Chrysene
Concen: 3.18 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BM012899.D
Acq: 11 Nov 2017 13:29

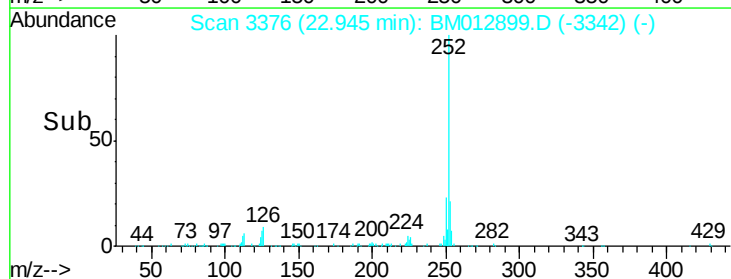
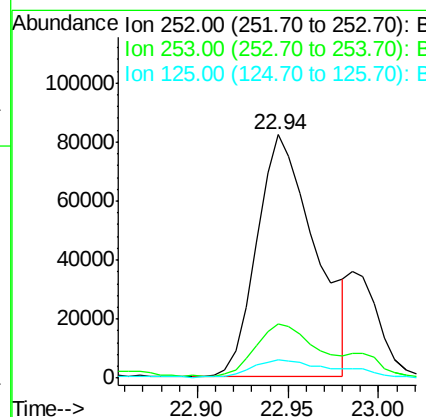
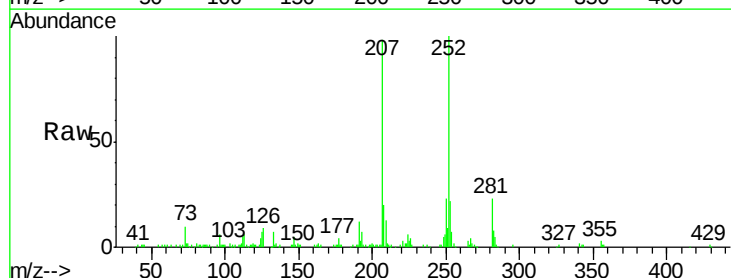
Instrument :
BNA_M
ClientSampleId :

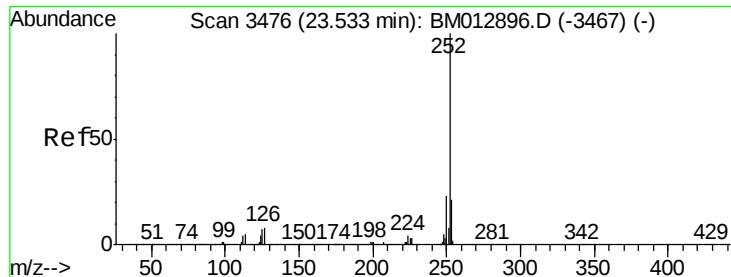
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	19.9	15.8	23.8



#23
Benzo(b)fluoranthene
Concen: 7.20 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BM012899.D
Acq: 11 Nov 2017 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	7.5	8.0	12.0

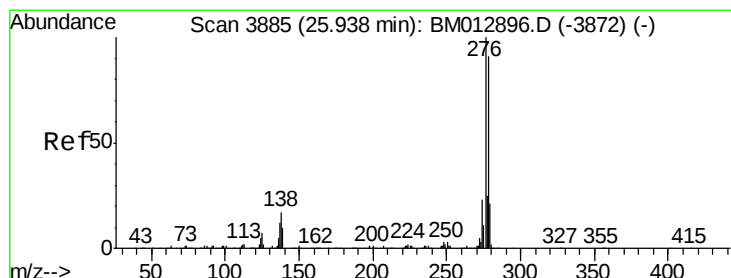
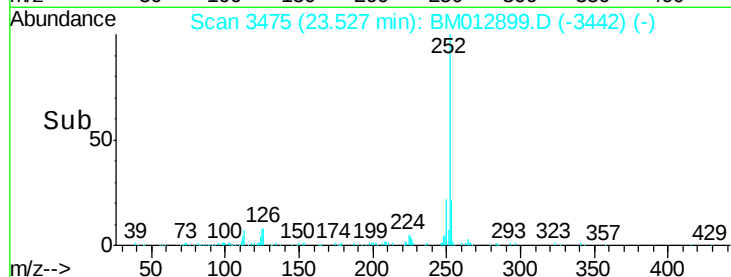
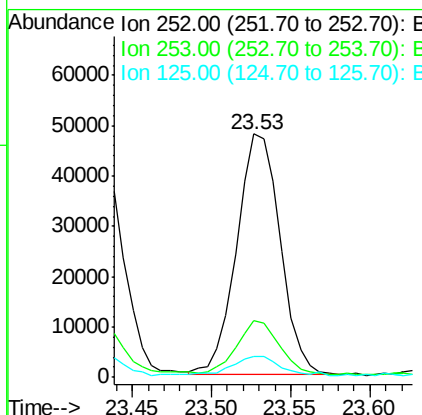
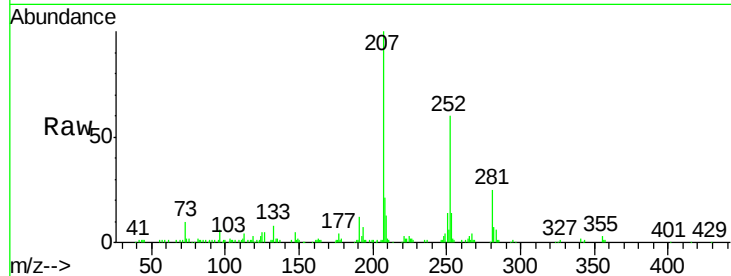




#26
Benzo(a)pyrene
Concen: 3.68 ng/ul
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM012899.D
Acq: 11 Nov 2017 13:29

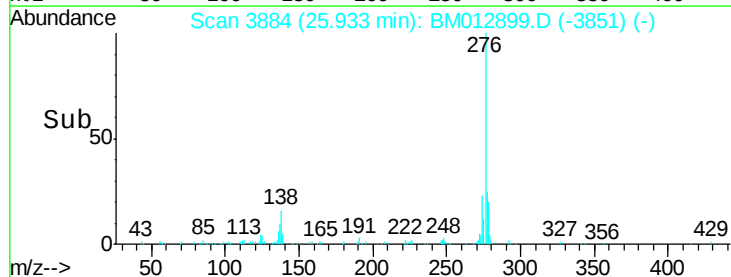
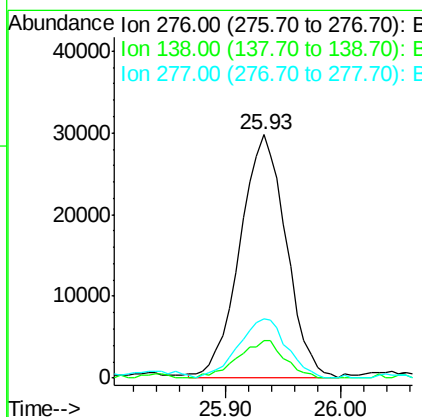
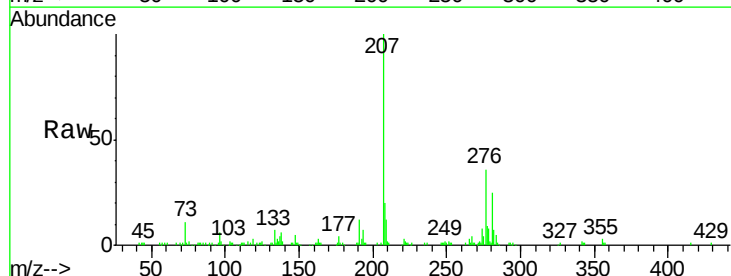
Instrument :
BNA_M
ClientSampleId :

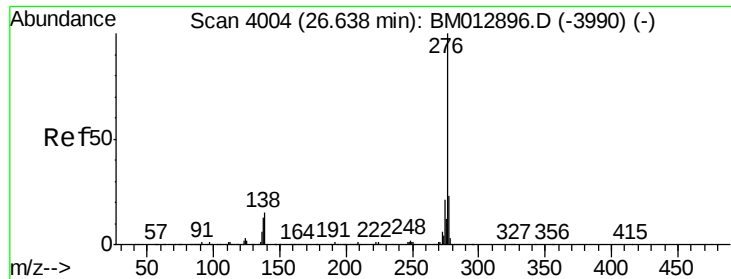
Tot Ion:252 Resp: 90832
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 8.4 8.2 12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng/ul
RT: 25.93 min Scan# 3884
Delta R.T. -0.01 min
Lab File: BM012899.D
Acq: 11 Nov 2017 13:29

Tgt Ion:276 Resp: 83120
Ion Ratio Lower Upper
276 100
138 20.0 14.4 21.6
277 24.5 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.59 ng/ul

RT: 26.64 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BM012899.D

Acq: 11 Nov 2017 13:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 68843

Ion Ratio Lower Upper

276 100

138 17.0 15.3 22.9

277 23.5 19.0 28.4

