

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022701.D
 Acq On : 17 Sep 2019 11:41
 Operator : HP/JU
 Sample : K4780-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BM8

Quant Time: Sep 17 17:51:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

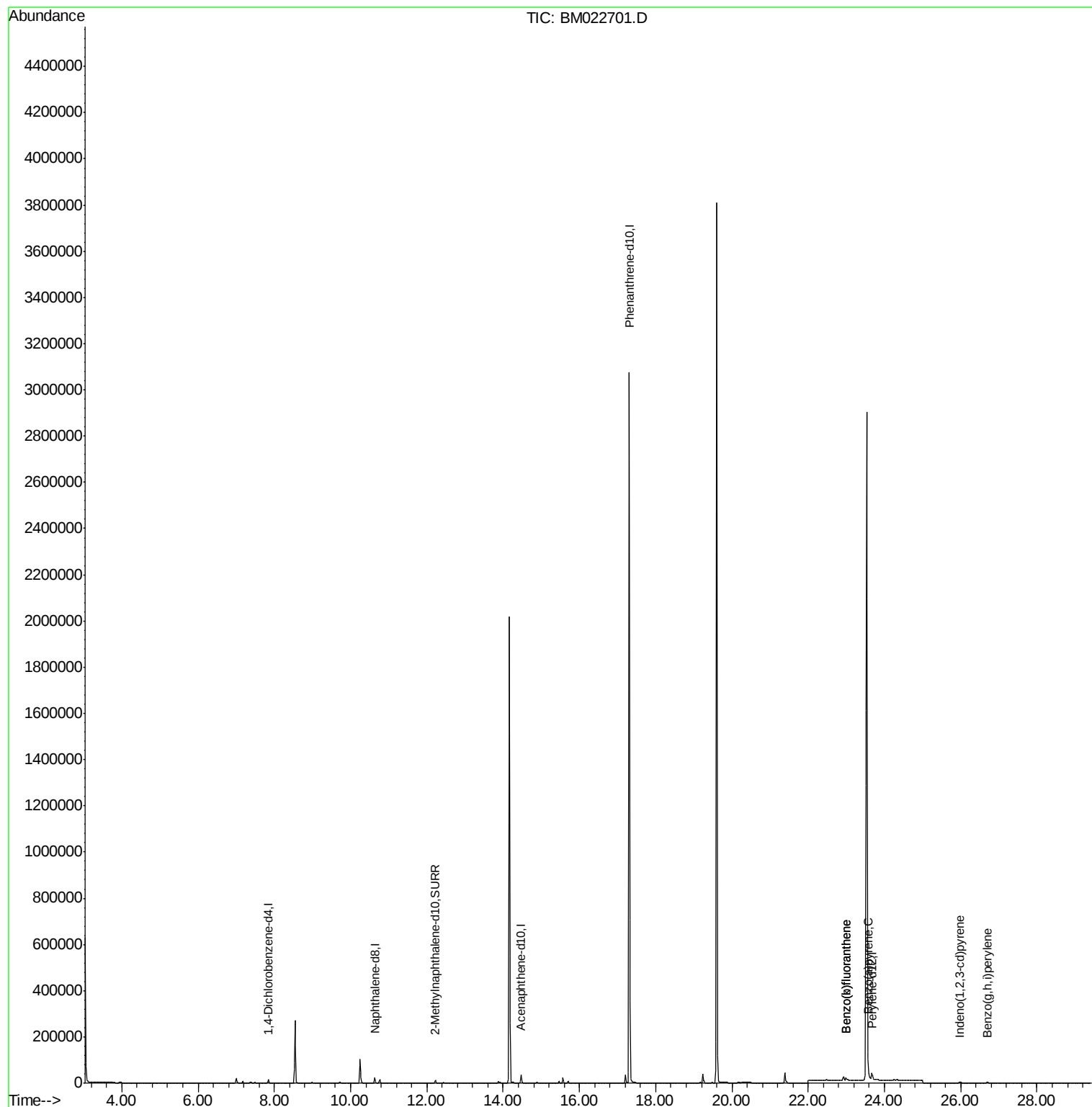
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	7304	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	30528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	18706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	3520033	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.39
20) Perylene-d12	23.67	264	38340	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	15580	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
21) Benzo(b)fluoranthene	22.99	252	16999	0.102	ng/ul#	41
22) Benzo(k)fluoranthene	22.99	252	16992	0.100	ng/ul#	40
23) Benzo(a)pyrene	23.58	252	6691	0.046	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.98	276	5002	0.028	ng/ul#	87
26) Benzo(g,h,i)perylene	26.69	276	5086	0.036	ng/ul#	80

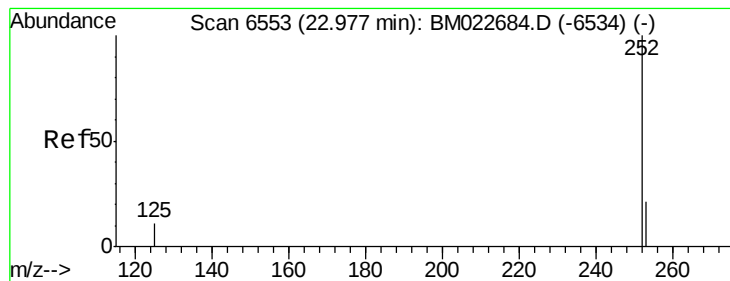
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Benzo(b)fluoranthene

Concen: 0.102 ng/ul

RT: 22.99 min Scan# 6557

Delta R.T. -0.00 min

Lab File: BM022701.D

Acq: 17 Sep 2019 11:41

Instrument :

BNA_M

ClientSampleId :

H0BM8

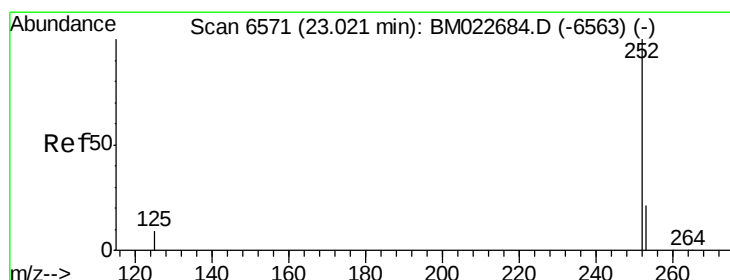
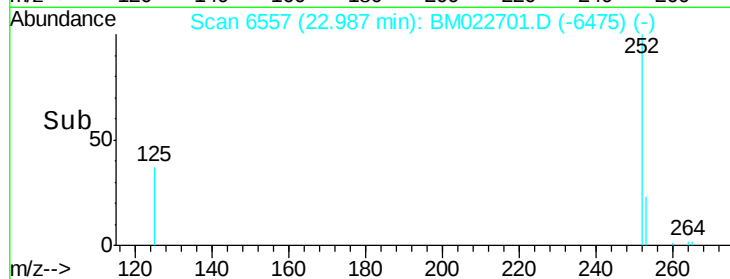
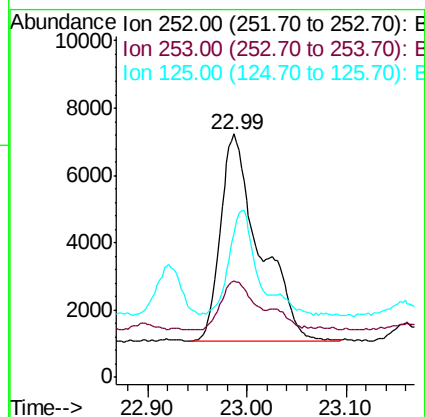
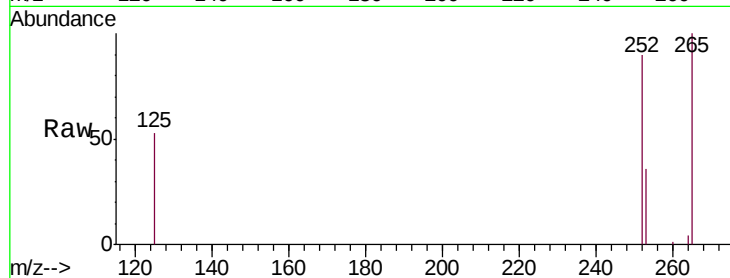
Tgt Ion:252 Resp: 16999

Ion Ratio Lower Upper

252 100

253 39.5 0.0 48.4

125 59.2 0.0 31.2#



#22

Benzo(k)fluoranthene

Concen: 0.100 ng/ul

RT: 22.99 min Scan# 6557

Delta R.T. -0.04 min

Lab File: BM022701.D

Acq: 17 Sep 2019 11:41

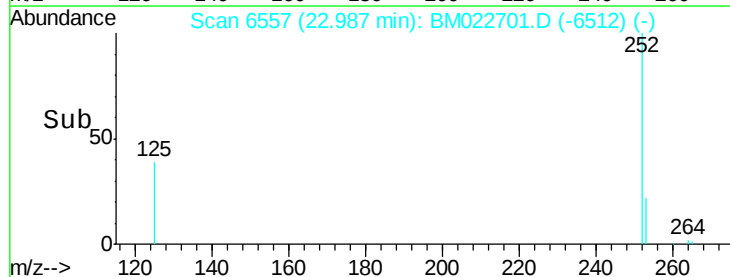
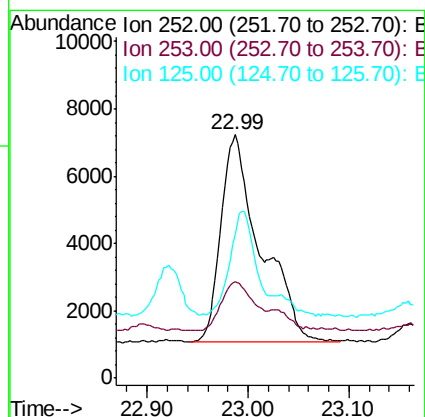
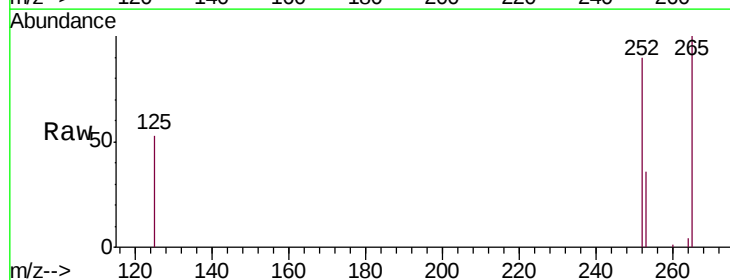
Tgt Ion:252 Resp: 16992

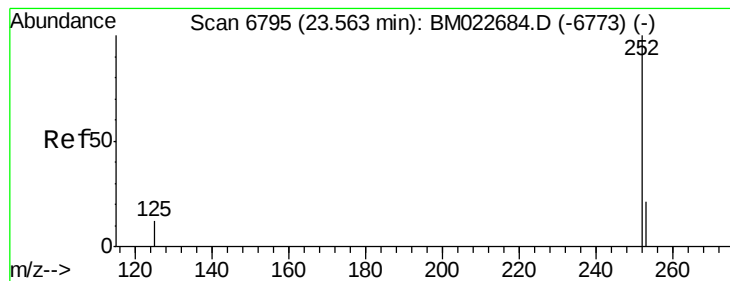
Ion Ratio Lower Upper

252 100

253 39.5 19.5 29.3#

125 59.2 11.2 16.8#





#23

Benzo(a)pyrene

Concen: 0.046 ng/u1

RT: 23.58 min Scan# 6800

Delta R.T. 0.00 min

Lab File: BM022701.D

Acq: 17 Sep 2019 11:41

Instrument :

BNA_M

ClientSampleId :

H0BM8

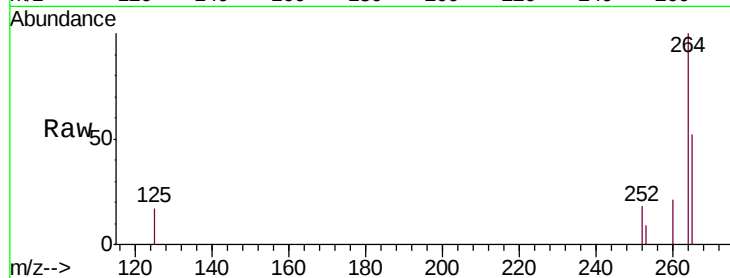
Tgt Ion:252 Resp: 6691

Ion Ratio Lower Upper

252 100

253 50.0 20.2 30.2#

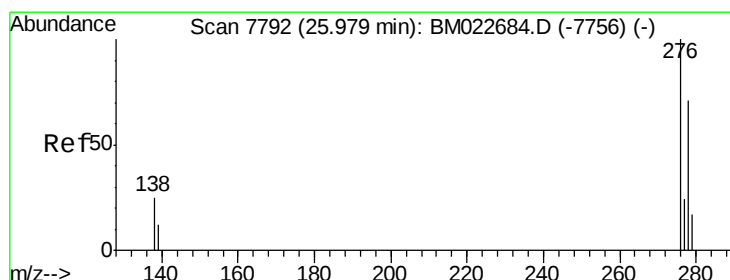
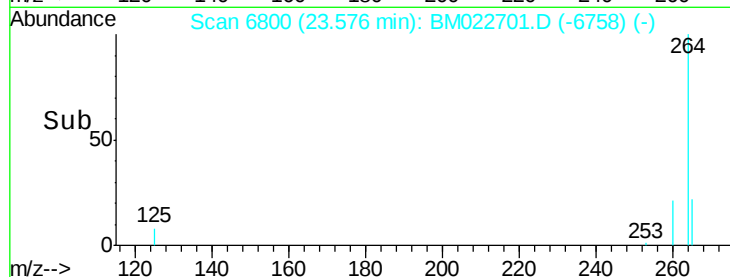
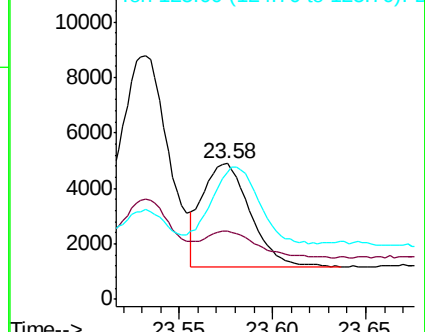
125 93.1 15.7 23.5#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.028 ng/u1

RT: 25.98 min Scan# 7793

Delta R.T. -0.01 min

Lab File: BM022701.D

Acq: 17 Sep 2019 11:41

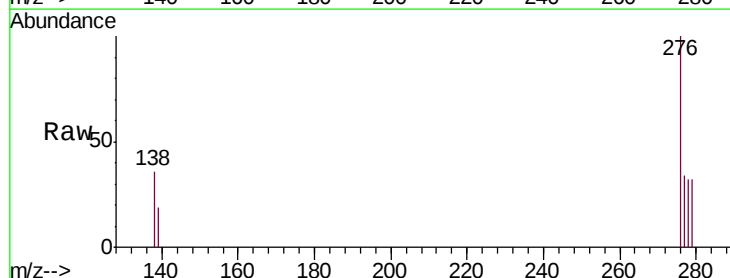
Tgt Ion:276 Resp: 5002

Ion Ratio Lower Upper

276 100

138 19.5 21.1 31.7#

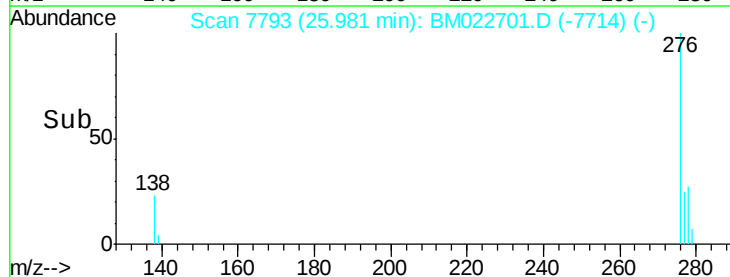
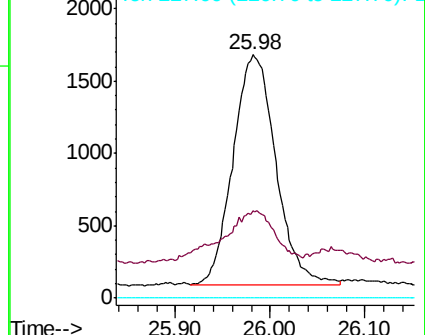
227 0.0 0.0 0.0

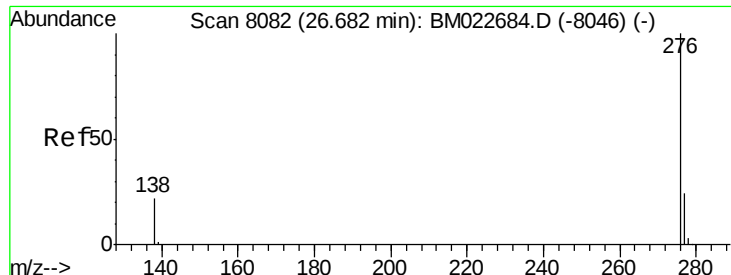


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.036 ng/ul

RT: 26.69 min Scan# 8084

Delta R.T. -0.01 min

Lab File: BM022701.D

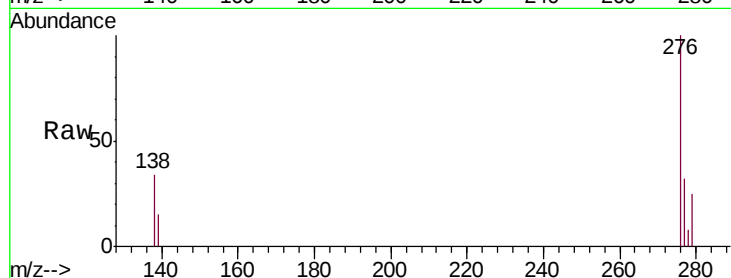
Acq: 17 Sep 2019 11:41

Instrument :

BNA_M

ClientSampleId :

H0BM8



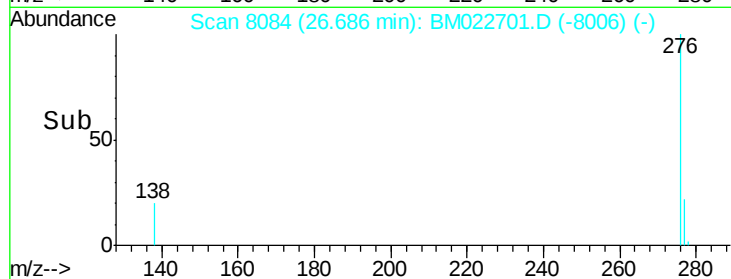
Tgt Ion: 276 Resp: 5086

Ion Ratio Lower Upper

276 100

138 34.2 18.2 27.4#

277 32.1 19.2 28.8#



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

