

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022630.D
 Acq On : 10 Sep 2019 21:25
 Operator : HP/JU
 Sample : K4708-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 10 23:52:48 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

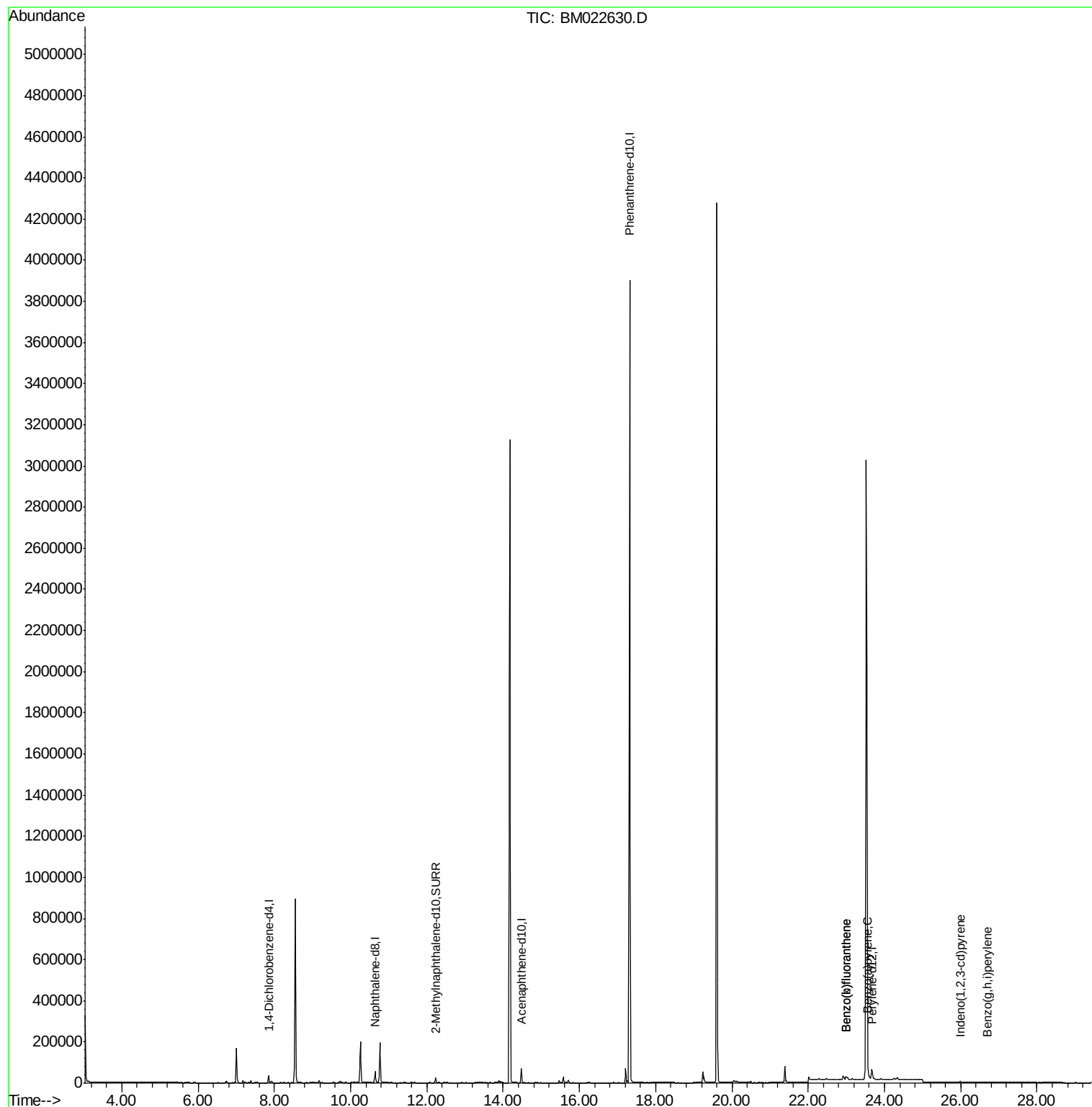
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	17014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	70885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37667	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	4489147	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.39
20) Perylene-d12	23.67	264	65171	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	28993	0.25	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
21) Benzo(b)fluoranthene	22.98	252	21371	0.075	ng/ul#	1
22) Benzo(k)fluoranthene	22.98	252	21371	0.074	ng/ul#	1
23) Benzo(a)pyrene	23.57	252	9366	0.038	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.99	276	7435	0.025	ng/ul#	71
26) Benzo(g,h,i)perylene	26.69	276	7752	0.032	ng/ul#	66

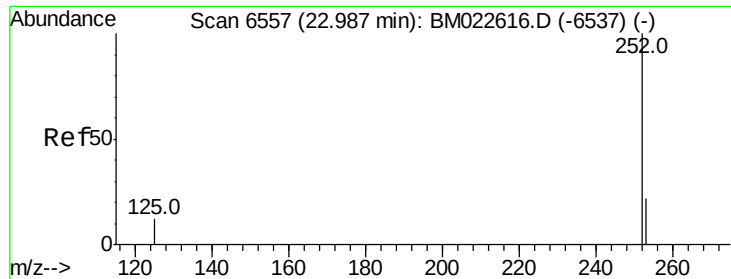
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Benzo(b)fluoranthene

Concen: 0.075 ng/ul

RT: 22.98 min Scan# 6556

Delta R.T. -0.00 min

Lab File: BM022630.D

Acq: 10 Sep 2019 21:25

Instrument :

BNA_M

ClientSampleId :

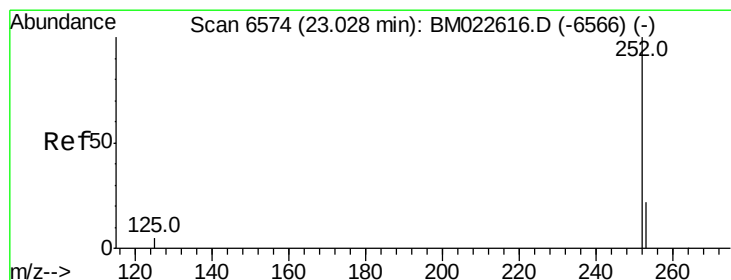
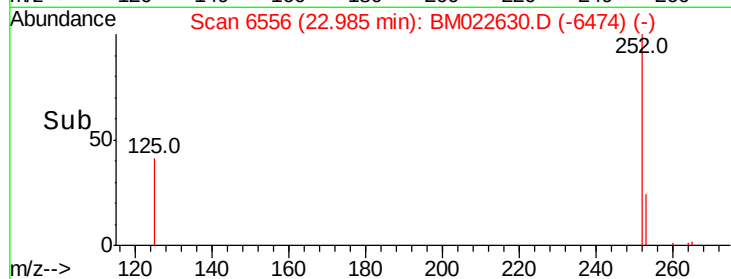
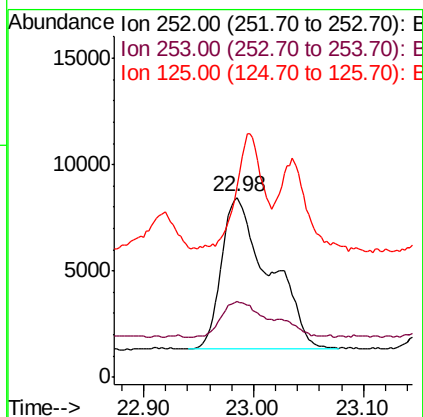
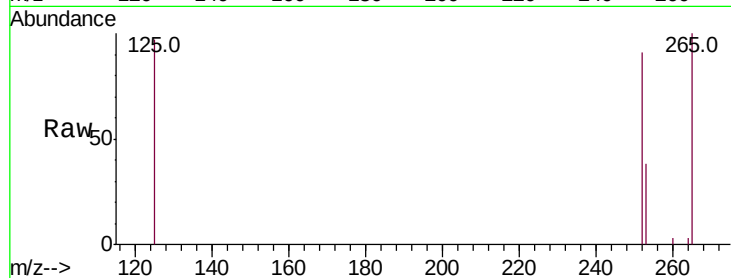
Tot Ion:252 Resp: 21371

Ion Ratio Lower Upper

252 100

253 42.0 0.0 48.4

125 106.1 0.0 31.2#



#22

Benzo(k)fluoranthene

Concen: 0.074 ng/ul

RT: 22.98 min Scan# 6556

Delta R.T. -0.04 min

Lab File: BM022630.D

Acq: 10 Sep 2019 21:25

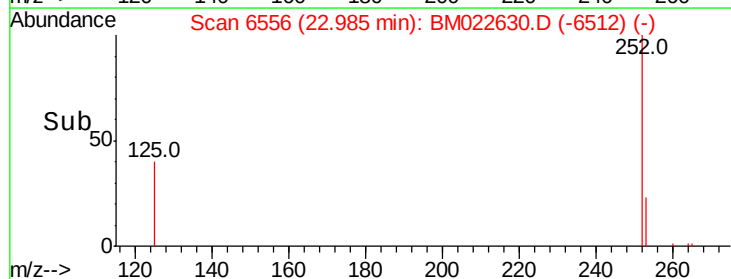
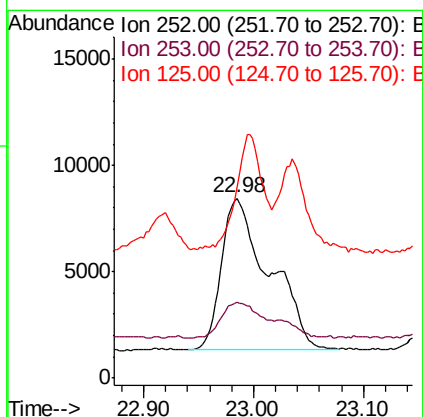
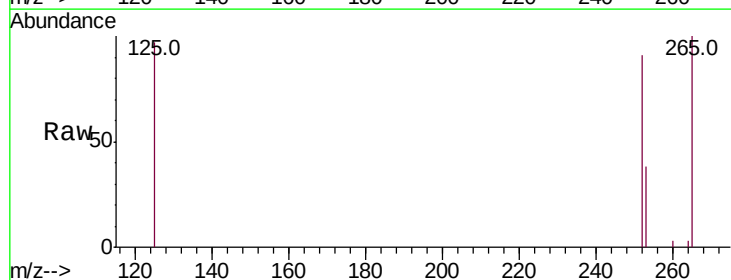
Tgt Ion:252 Resp: 21371

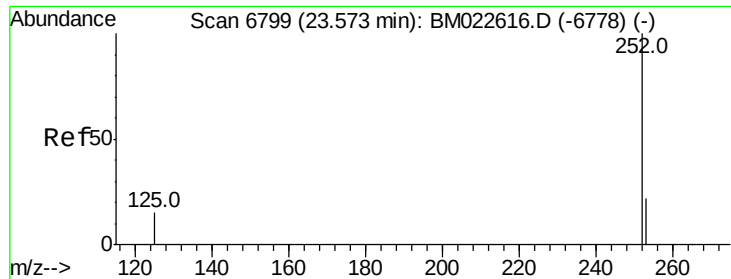
Ion Ratio Lower Upper

252 100

253 42.0 19.5 29.3#

125 106.1 11.2 16.8#





#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.57 min Scan# 6798

Delta R.T. -0.00 min

Lab File: BM022630.D

Acq: 10 Sep 2019 21:25

Instrument :

BNA_M

ClientSampleId :

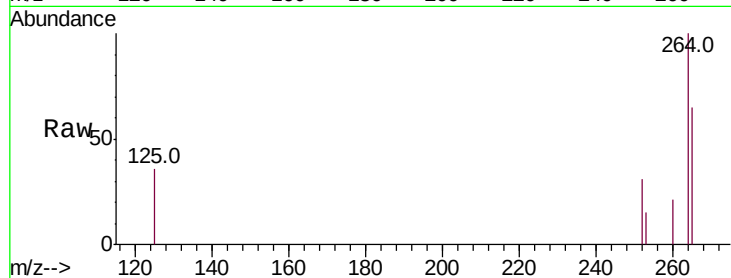
Tot Ion:252 Resp: 9366

Ion Ratio Lower Upper

252 100

253 47.8 20.2 30.2#

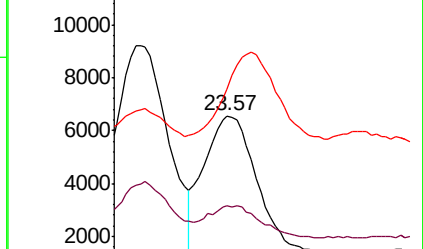
125 115.3 15.7 23.5#



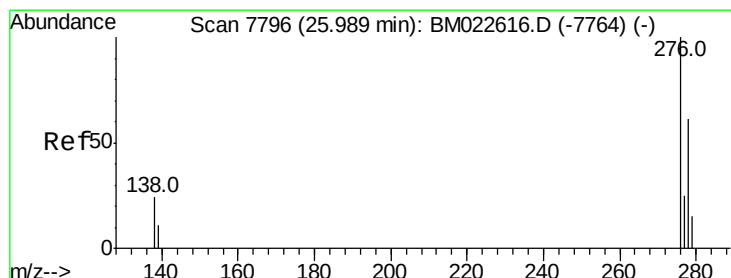
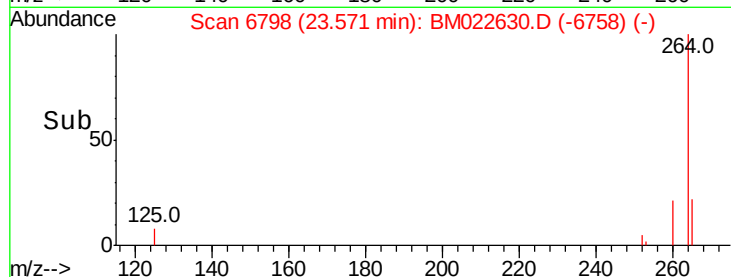
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

RT: 25.99 min Scan# 7795

Delta R.T. -0.00 min

Lab File: BM022630.D

Acq: 10 Sep 2019 21:25

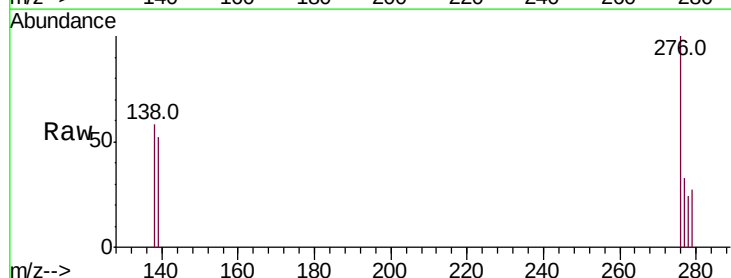
Tgt Ion:276 Resp: 7435

Ion Ratio Lower Upper

276 100

138 41.4 21.1 31.7#

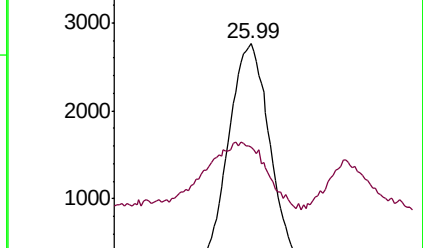
227 0.0 0.0 0.0



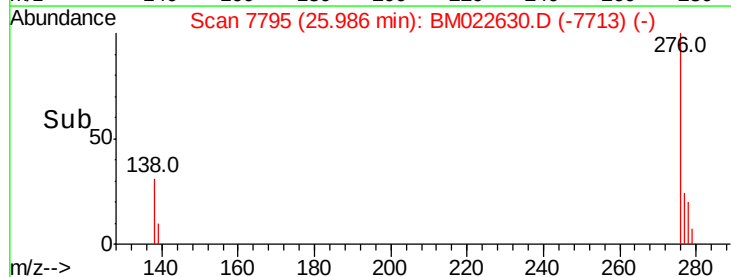
Abundance Ion 276.00 (275.70 to 276.70): E

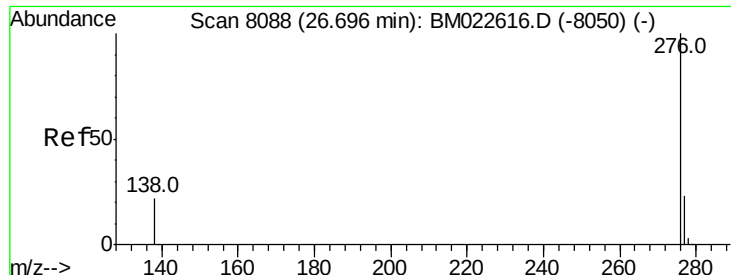
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#26

Benzo(a,h,i)perylene

Concen: 0.032 ng/ul

RT: 26.69 min Scan# 8086

Delta R.T. -0.00 min

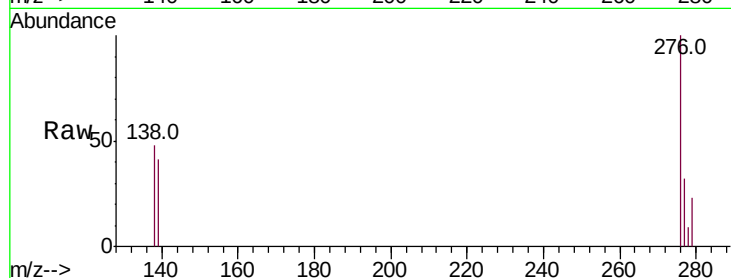
Lab File: BM022630.D

Acq: 10 Sep 2019 21:25

Instrument :

BNA_M

ClientSampleId :



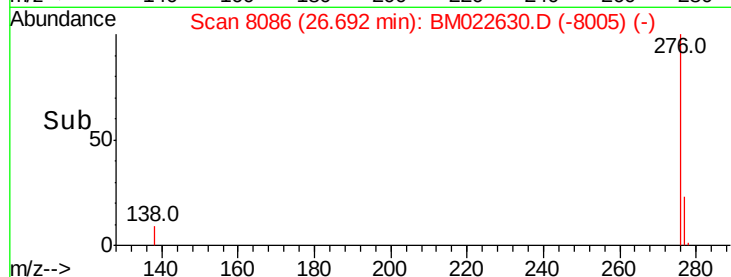
Tot Ion:276 Resp: 7752

Ion Ratio Lower Upper

276 100

138 47.9 18.2 27.4#

277 32.4 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

