

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120718\
 Data File : BN003772.D
 Acq On : 07 Dec 2018 18:29
 Operator : JU/SJ
 Sample : J6228-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E59

Quant Time: Dec 08 00:37:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 08 00:32:32 2018
 Response via : Initial Calibration

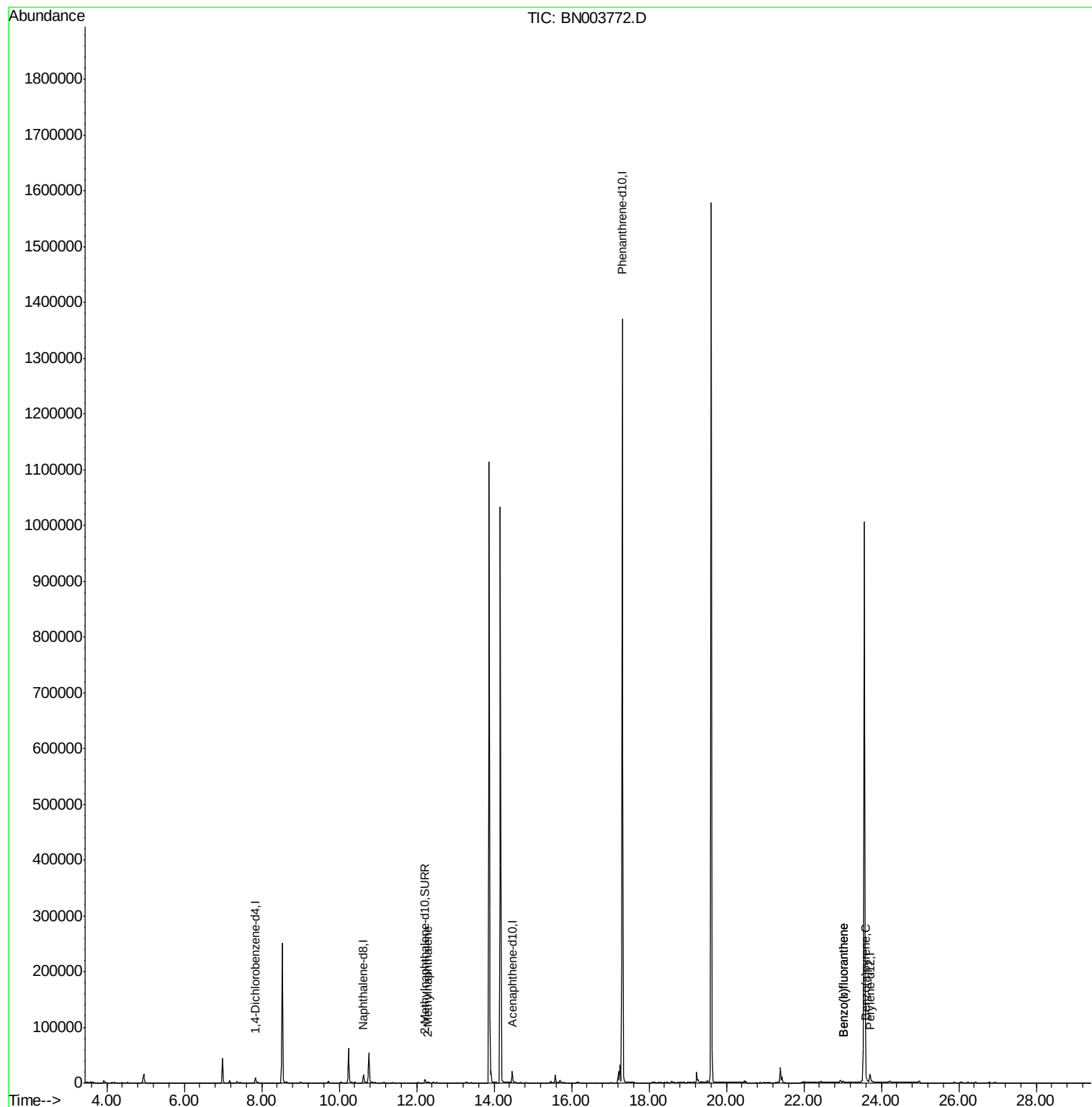
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4793	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19914	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11063	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1493537	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.39
20) Perylene-d12	23.71	264	21215	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	8837	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
5) 2-Methylnaphthalene	12.29	142	1221	0.031	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	2697	0.031	ng/ul#	42
22) Benzo(k)fluoranthene	23.01	252	2685	0.031	ng/ul#	42
23) Benzo(a)pyrene	23.61	252	2289	0.030	ng/ul#	54

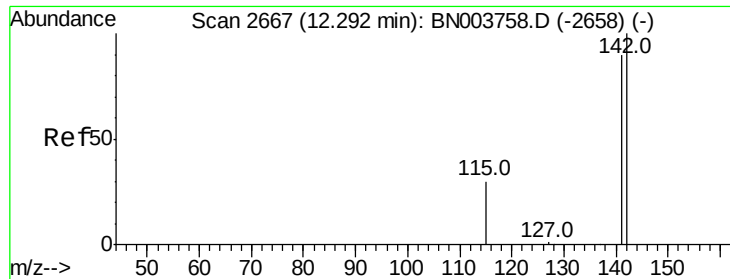
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 00:37:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 08 00:32:32 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003772.D

Acq: 07 Dec 2018 18:29

Instrument :

BNA_N

ClientSampleId :

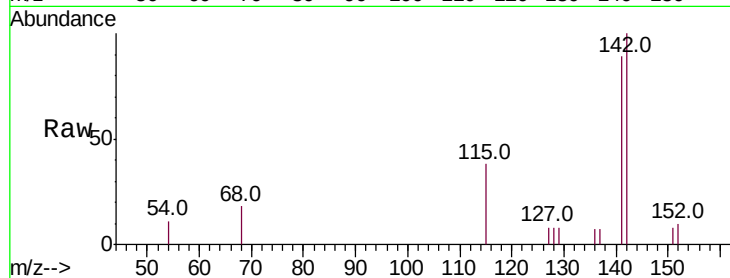
F9E59

Tot Ion:142 Resp: 1221

Ion Ratio Lower Upper

142 100

141 88.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

800

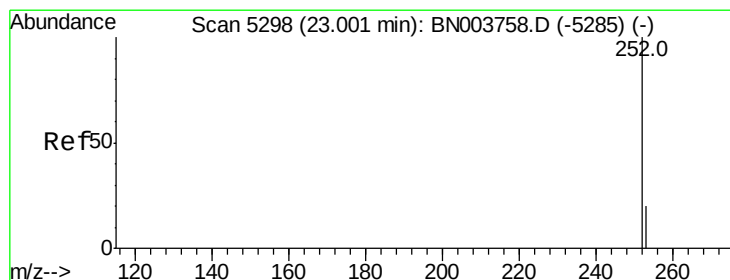
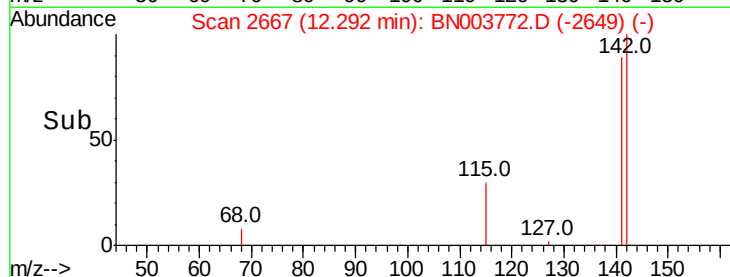
600

400

200

0

Time--> 12.20 12.30 12.40



#21

Benzo(b)fluoranthene

Concen: 0.031 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.01 min

Lab File: BN003772.D

Acq: 07 Dec 2018 18:29

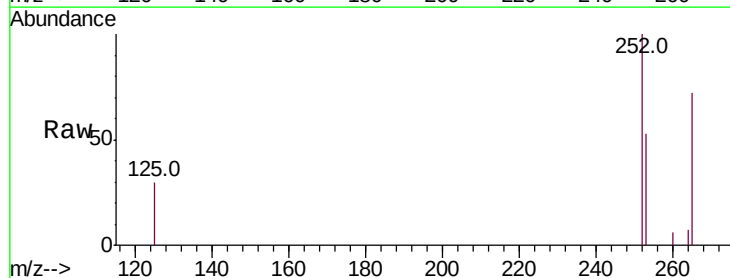
Tgt Ion:252 Resp: 2697

Ion Ratio Lower Upper

252 100

253 53.1 0.0 46.0#

125 30.2 0.0 22.4#



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

2000

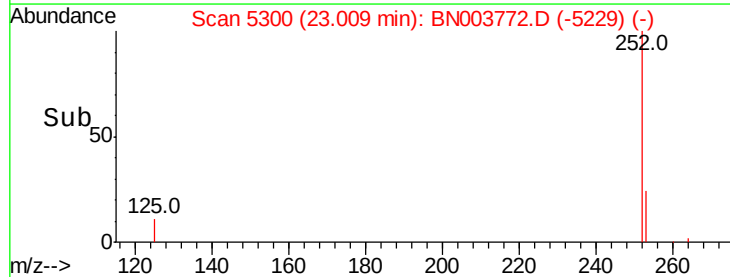
1500

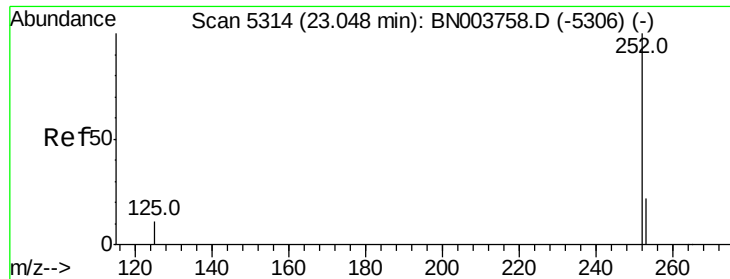
1000

500

0

Time--> 22.90 23.00 23.10





#22

Benzo(k)fluoranthene

Concen: 0.031 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. -0.04 min

Lab File: BN003772.D

Acq: 07 Dec 2018 18:29

Instrument :

BNA_N

ClientSampleId :

F9E59

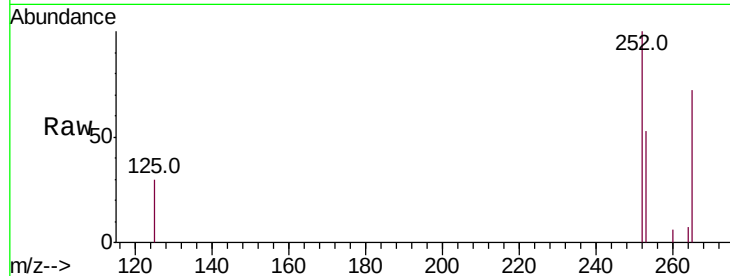
Tot Ion:252 Resp: 2685

Ion Ratio Lower Upper

252 100

253 53.1 18.5 27.7#

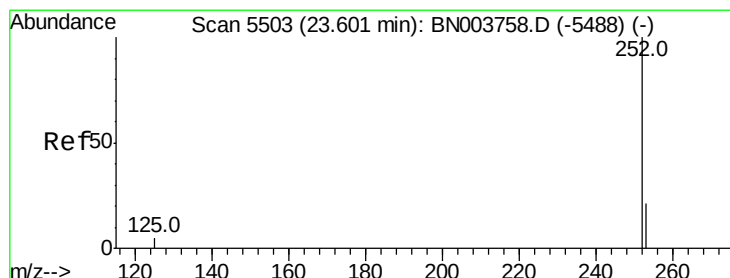
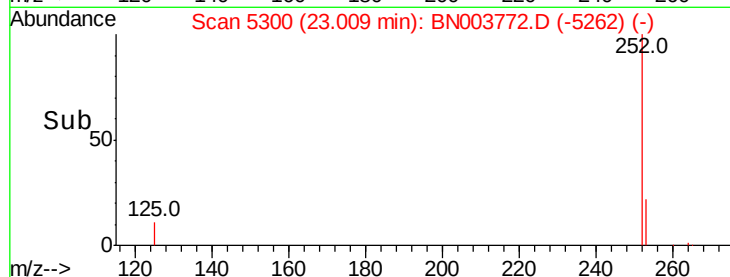
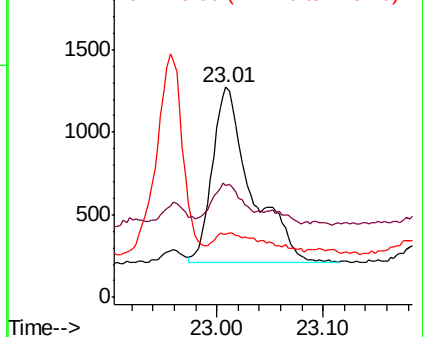
125 30.2 9.0 13.6#



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



#23

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. 0.00 min

Lab File: BN003772.D

Acq: 07 Dec 2018 18:29

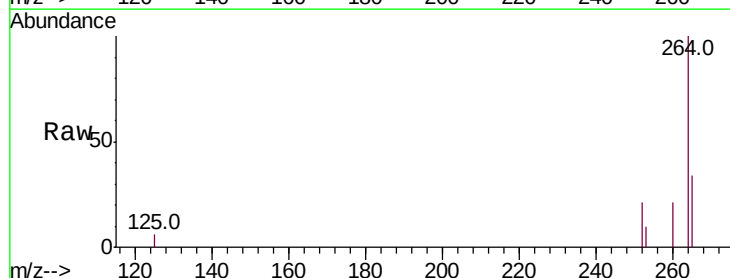
Tgt Ion:252 Resp: 2289

Ion Ratio Lower Upper

252 100

253 48.6 19.0 28.4#

125 27.7 10.2 15.4#



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

