

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009201.D
 Acq On : 27 Dec 2019 19:04
 Operator : JU
 Sample : PB125494BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 27 23:11:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 23:08:48 2019
 Response via : Initial Calibration

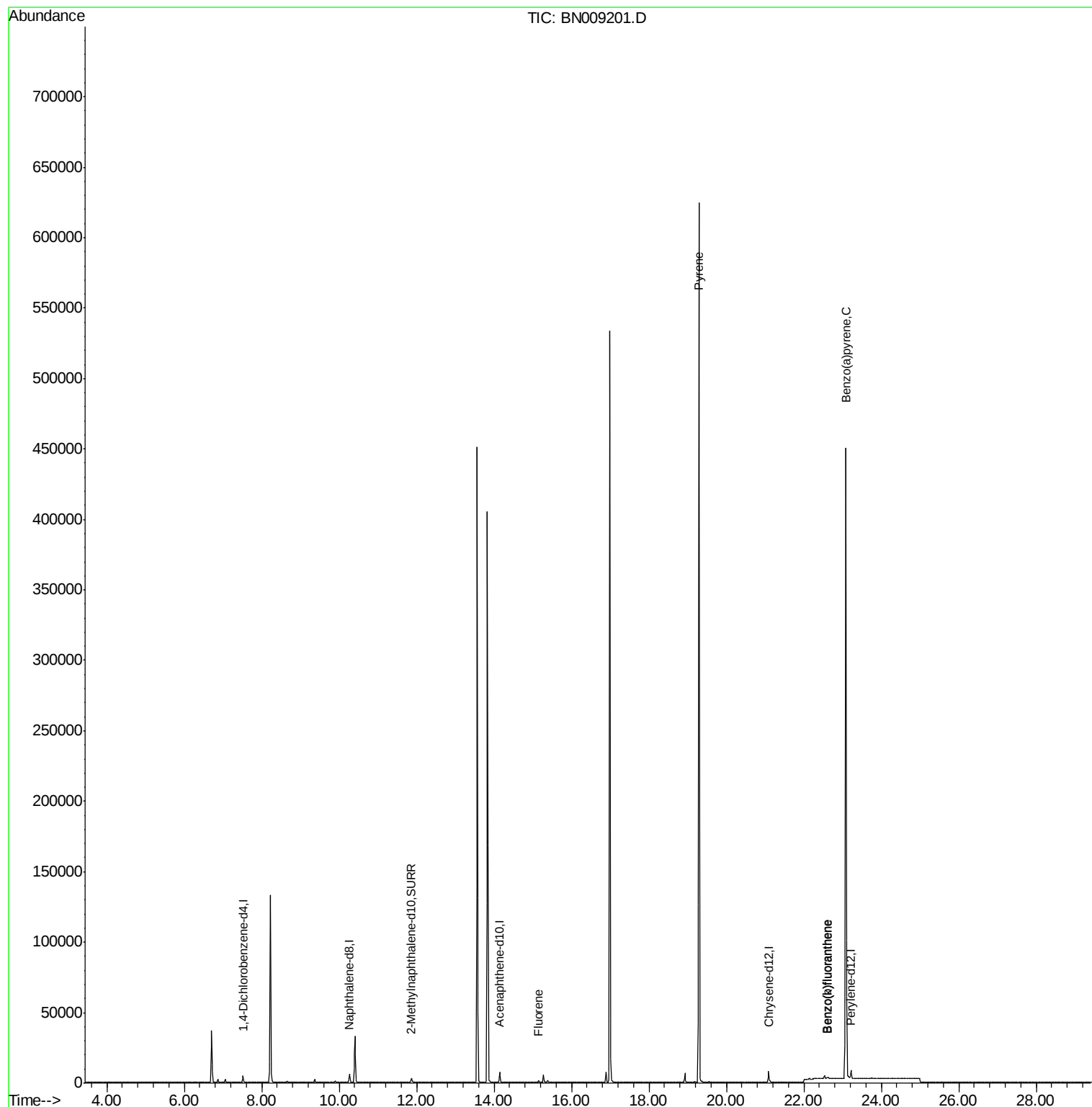
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.27	136	7179	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4016	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.89
16) Chrysene-d12	21.09	240	6990	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	6987	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	3541	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	7053	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
9) Fluorene	15.14	166	1046	0.053	ng/ul#	16
17) Pyrene	19.29	202	1142	0.032	ng/ul#	1
21) Benzo(b)fluoranthene	22.59	252	951	0.029	ng/ul#	3
22) Benzo(k)fluoranthene	22.63	252	666	0.020	ng/ul#	1
23) Benzo(a)pyrene	23.08	252	2307	0.081	ng/ul#	45

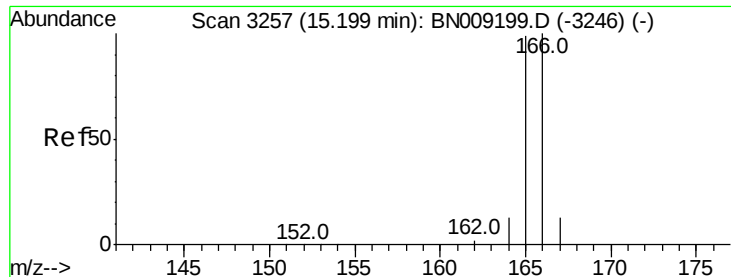
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.053 ng/ul

RT: 15.14 min Scan# 3245

Delta R.T. -0.06 min

Lab File: BN009201.D

Acq: 27 Dec 2019 19:04

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BNA_N

ClientSampleId :

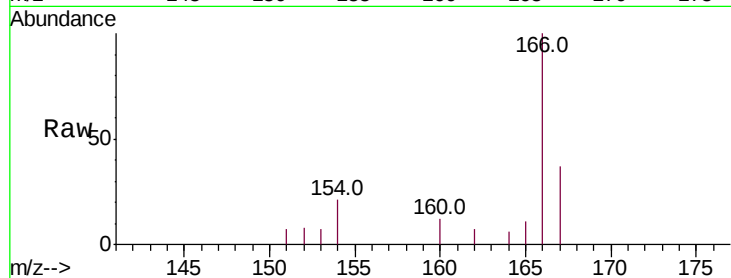
Tot Ion:166 Resp: 1046

Ion Ratio Lower Upper

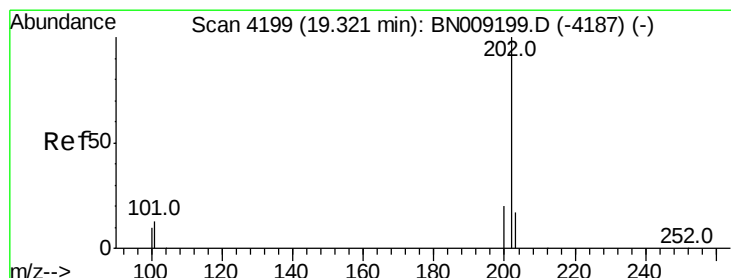
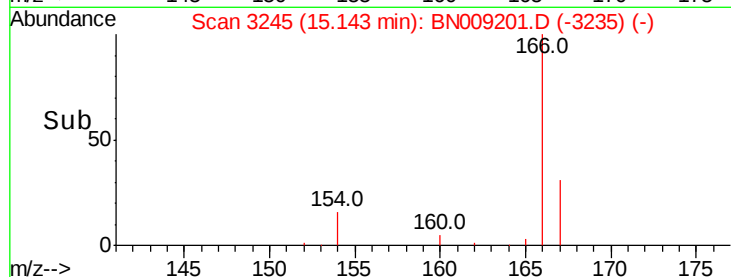
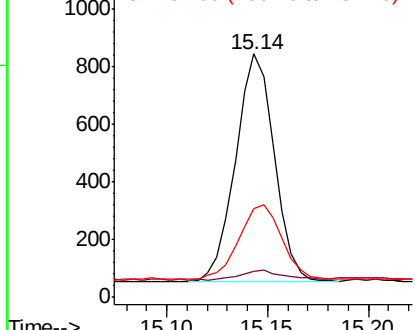
166 100

165 10.7 78.2 117.4#

167 36.5 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.032 ng/ul

RT: 19.29 min Scan# 4193

Delta R.T. -0.03 min

Lab File: BN009201.D

Acq: 27 Dec 2019 19:04

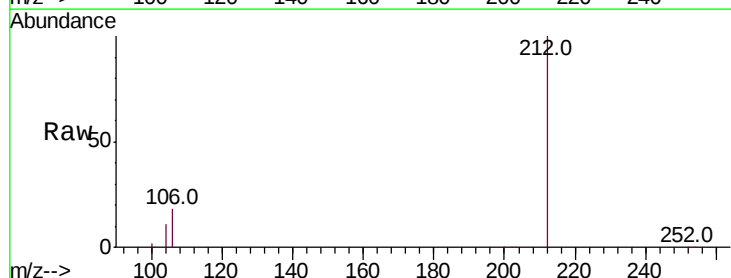
Tgt Ion:202 Resp: 1142

Ion Ratio Lower Upper

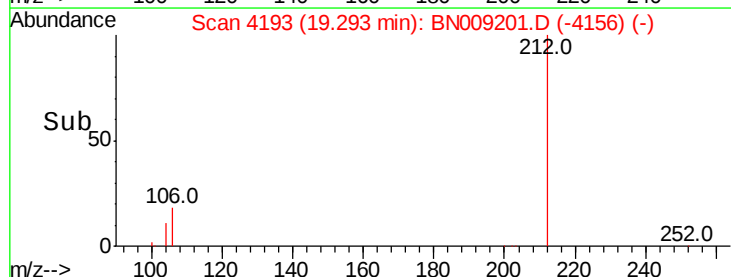
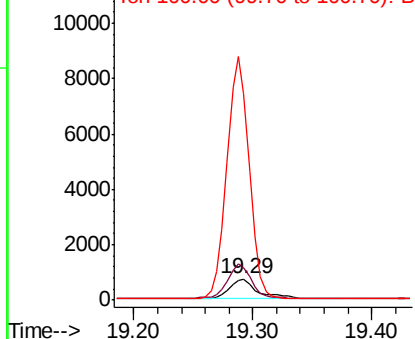
202 100

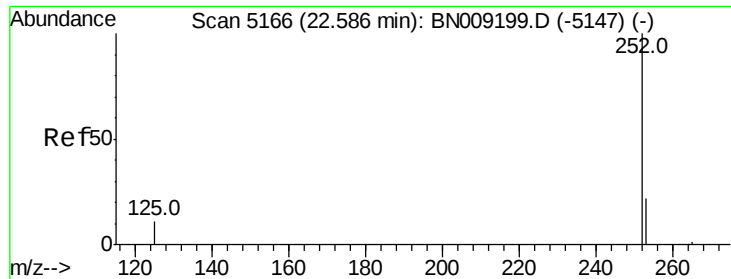
101 154.6 10.9 16.3#

100 982.7 9.0 13.6#



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





#21

Benzo(b)fluoranthene

Concen: 0.029 ng/ul

RT: 22.59 min Scan# 5168

Delta R.T. 0.01 min

Lab File: BN009201.D

Acq: 27 Dec 2019 19:04

Instrument :

BNA_N

ClientSampleId :

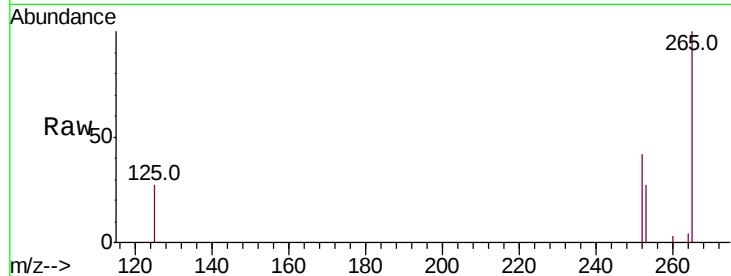
Tot Ion:252 Resp: 951

Ion Ratio Lower Upper

252 100

253 63.9 0.0 48.2#

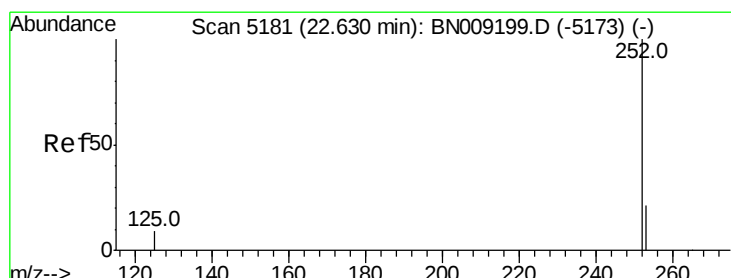
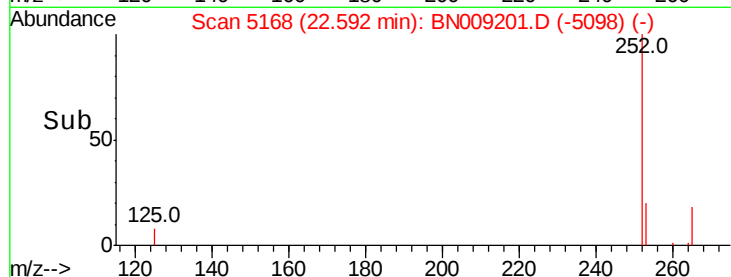
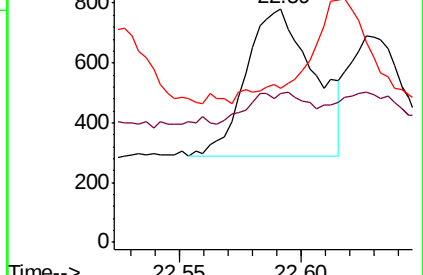
125 65.8 0.0 30.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.020 ng/ul

RT: 22.63 min Scan# 5180

Delta R.T. -0.00 min

Lab File: BN009201.D

Acq: 27 Dec 2019 19:04

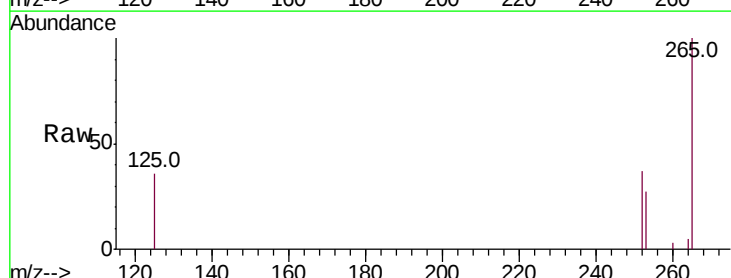
Tgt Ion:252 Resp: 666

Ion Ratio Lower Upper

252 100

253 72.9 19.4 29.0#

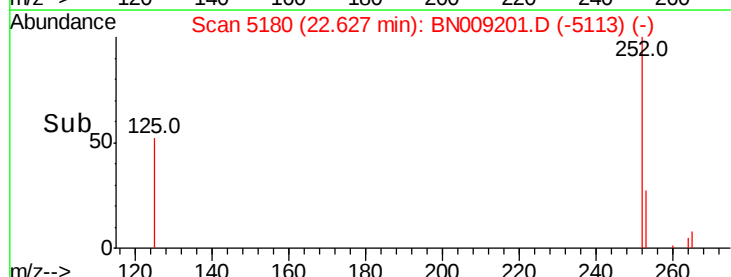
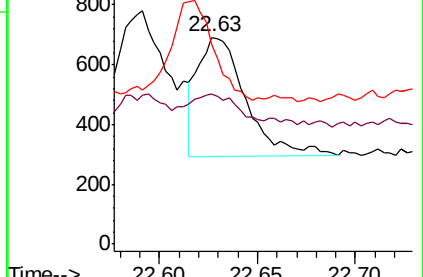
125 97.1 12.4 18.6#

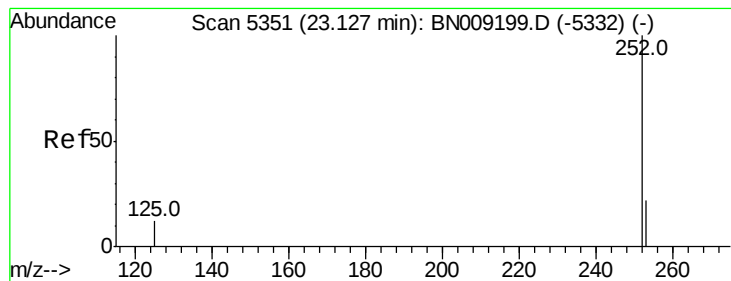


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.08 min Scan# 5336

Delta R.T. -0.04 min

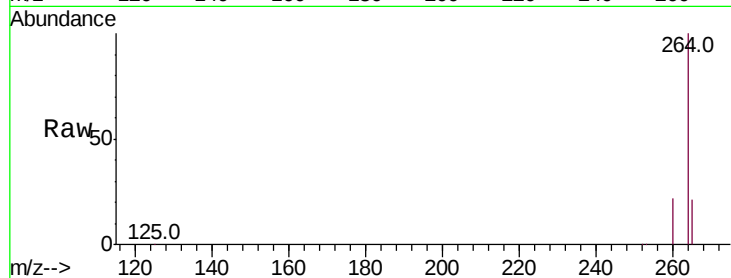
Lab File: BN009201.D

Acq: 27 Dec 2019 19:04

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 252 Resp: 2307

Ion Ratio Lower Upper

252 100

253 48.1 20.2 30.4#

125 46.9 13.2 19.8#

