

Data File : BN003962.D
Acq On : 15 Dec 2018 16:52
Operator : JU/SJ
Sample : J6227-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E68

Quant Time: Dec 15 22:02:42 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 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1933	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	577666	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	59	0.40	ng/ul	0.10
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.72

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2928	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	81	0.00	ng/ul	0.09

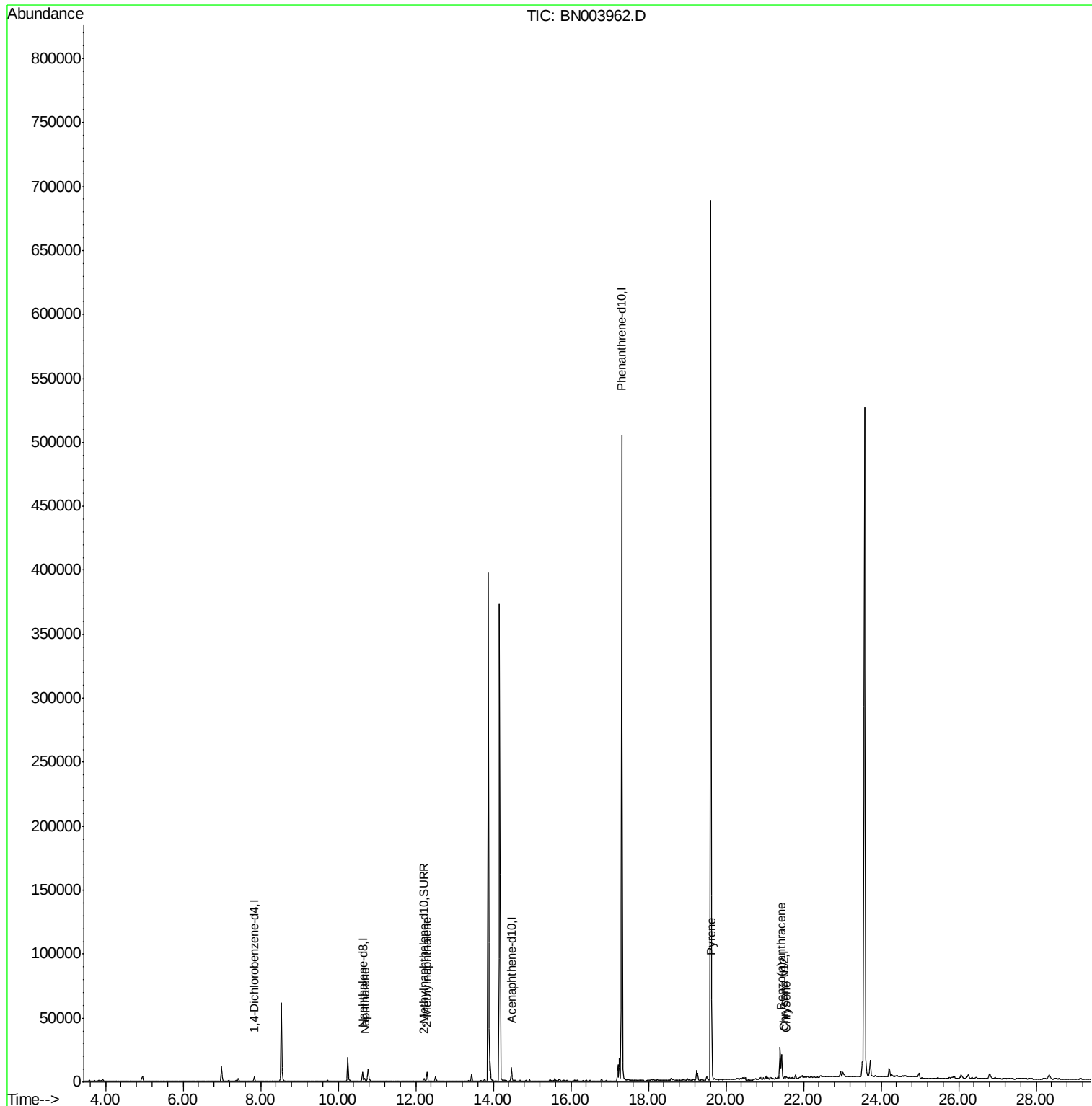
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	2450	0.092	ng/ul#	92
5) 2-Methylnaphthalene	12.29	142	5057	0.271	ng/ul	100
17) Pyrene	19.64	202	24173	114.234	ng/ul	98
18) Benzo(a)anthracene	21.44	228	17488	93.845	ng/ul#	77
19) Chrysene	21.56	228	973	4.563	ng/ul#	1

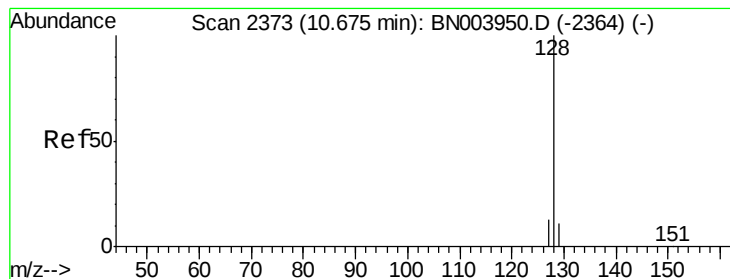
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.092 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

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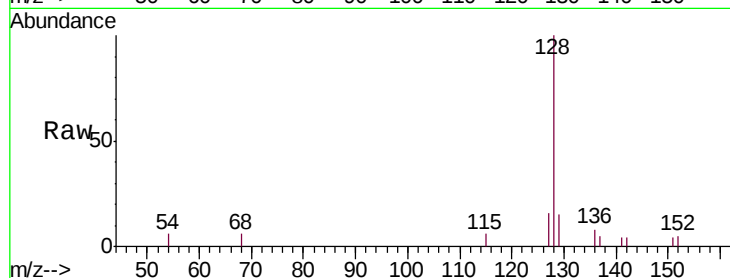
Tgt Ion:128 Resp: 2450

Ion Ratio Lower Upper

128 100

129 15.1 9.0 13.6#

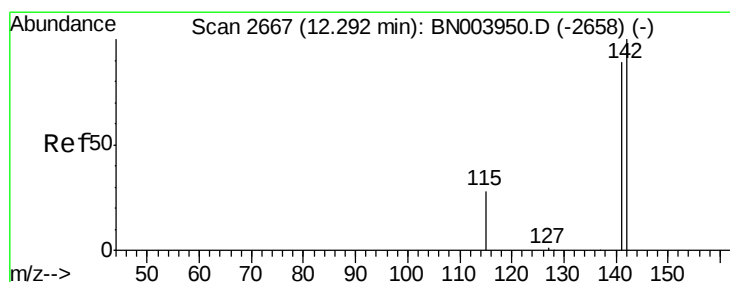
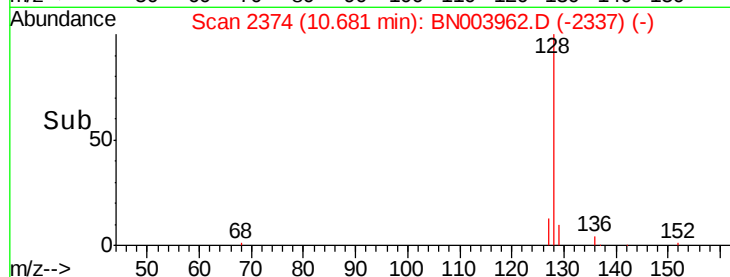
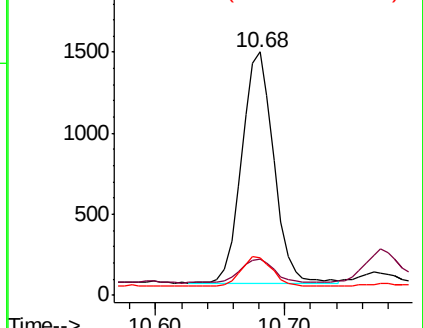
127 15.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.271 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003962.D

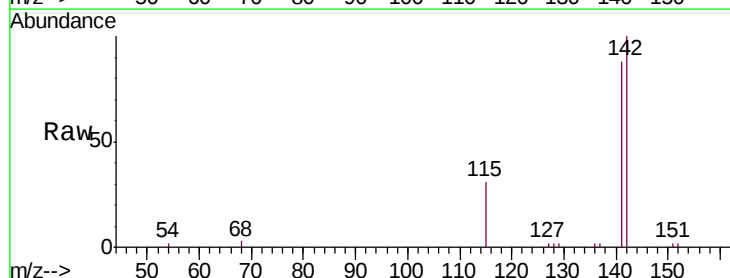
Acq: 15 Dec 2018 16:52

Tgt Ion:142 Resp: 5057

Ion Ratio Lower Upper

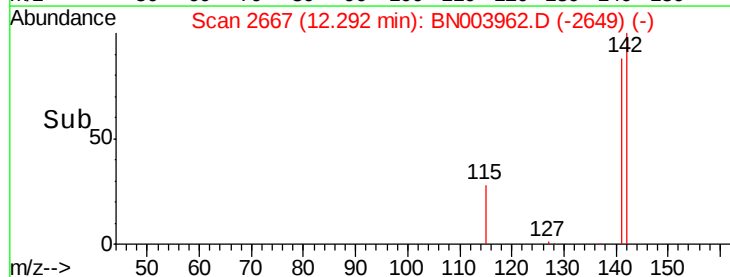
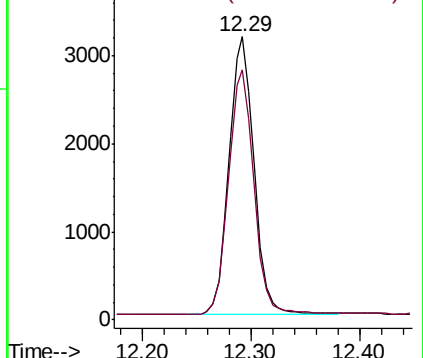
142 100

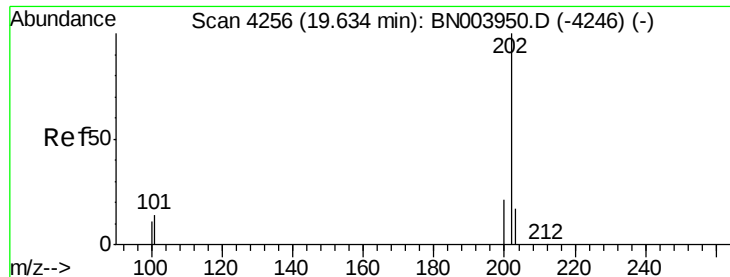
141 89.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pyrene

Concen: 114.234 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

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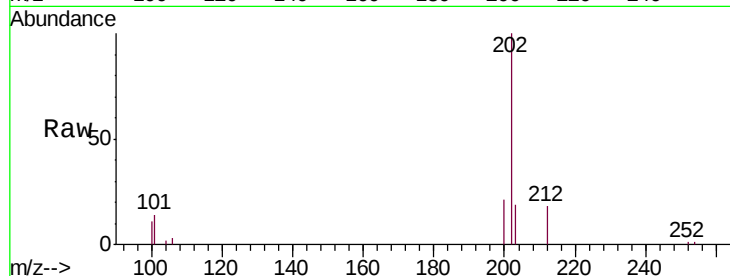
Tgt Ion:202 Resp: 24173

Ion Ratio Lower Upper

202 100

101 14.2 10.3 15.5

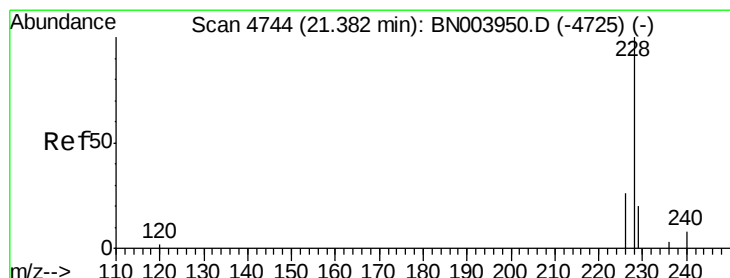
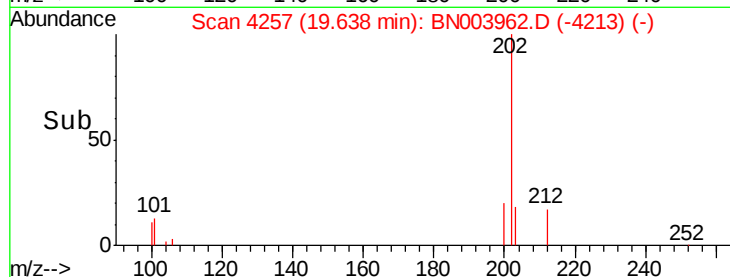
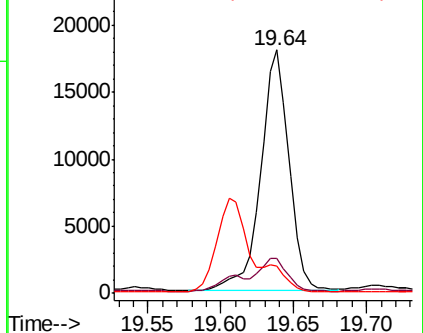
100 11.0 8.5 12.7



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



#18

Benzo(a)anthracene

Concen: 93.845 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. 0.05 min

Lab File: BN003962.D

Acq: 15 Dec 2018 16:52

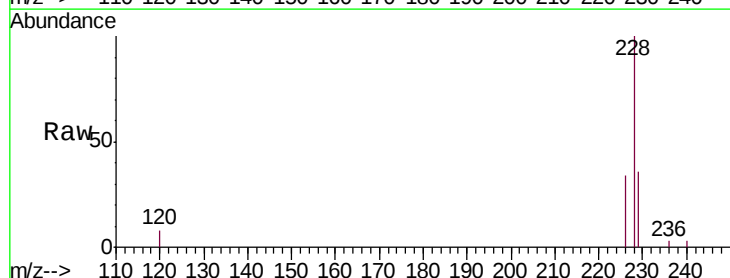
Tgt Ion:228 Resp: 17488

Ion Ratio Lower Upper

228 100

229 35.7 15.6 23.4#

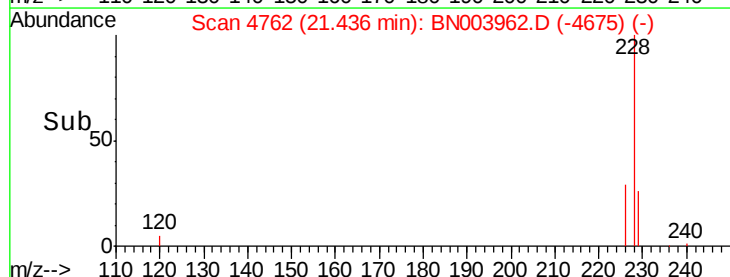
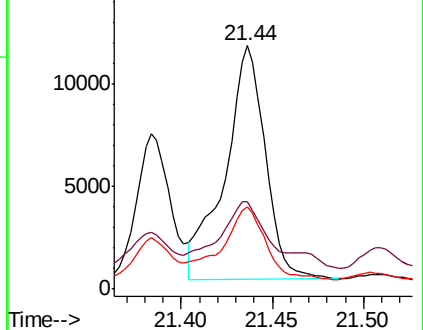
226 33.7 21.1 31.7#

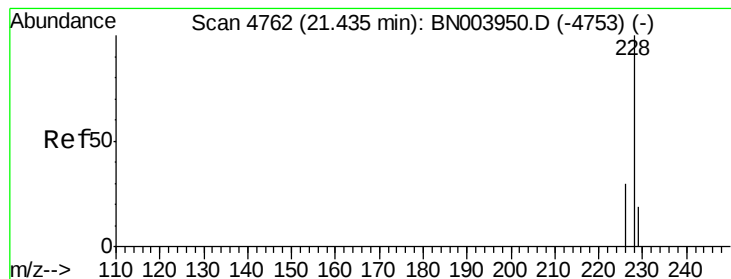


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 4.563 ng/ul

RT: 21.56 min Scan# 4803

Delta R.T. 0.12 min

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ClientSampleId :

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Tgt Ion: 228 Resp: 973

Ion Ratio Lower Upper

228 100

226 88.9 24.0 36.0#

229 162.0 15.7 23.5#

