

Data File : BN003972.D
Acq On : 15 Dec 2018 23:22
Operator : JU/SJ
Sample : J6171-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y11

Quant Time: Dec 16 02:05:31 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 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5532	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	551002	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.71	264	17923	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2650	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

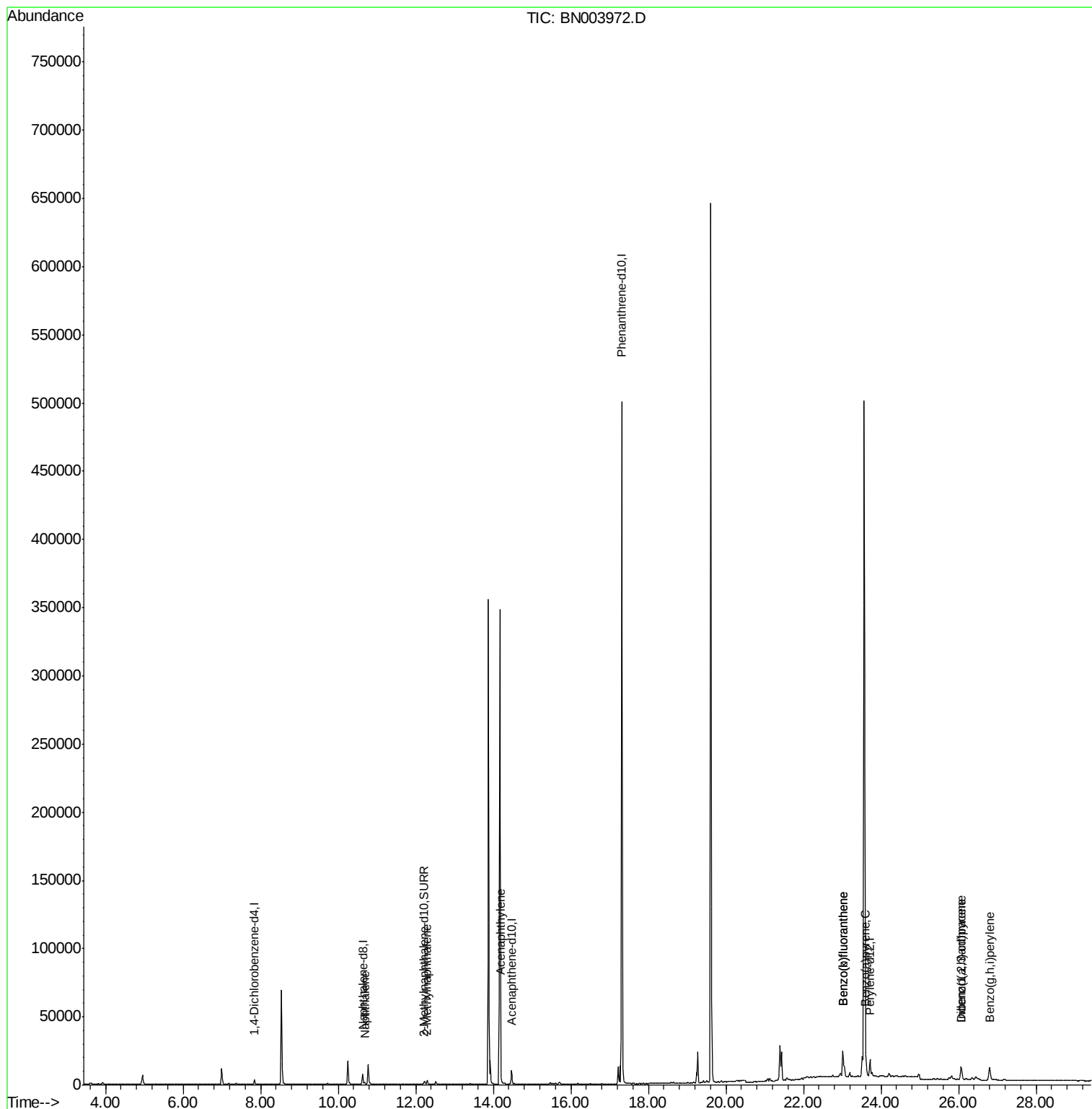
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	1395	0.053	ng/ul#	81
5) 2-Methylnaphthalene	12.29	142	2020	0.111	ng/ul	98
7) Acenaphthylene	14.19	152	2779	0.112	ng/ul#	91
21) Benzo(b)fluoranthene	23.01	252	40418	0.545	ng/ul#	82
22) Benzo(k)fluoranthene	23.01	252	40276	0.558	ng/ul#	82
23) Benzo(a)pyrene	23.61	252	13817	0.215	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.07	276	16279	0.221	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.07	278	4529	0.076	ng/ul#	24
26) Benzo(g,h,i)perylene	26.80	276	20615	0.322	ng/ul#	88

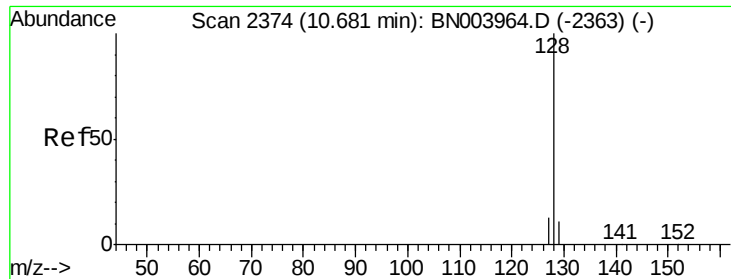
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

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BNA_N

ClientSampleId :

F9Y11

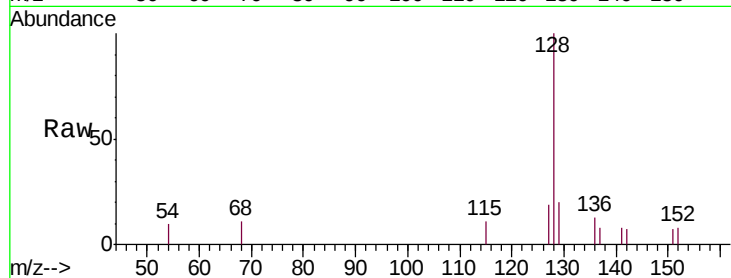
Tgt Ion:128 Resp: 1395

Ion Ratio Lower Upper

128 100

129 20.5 9.0 13.6#

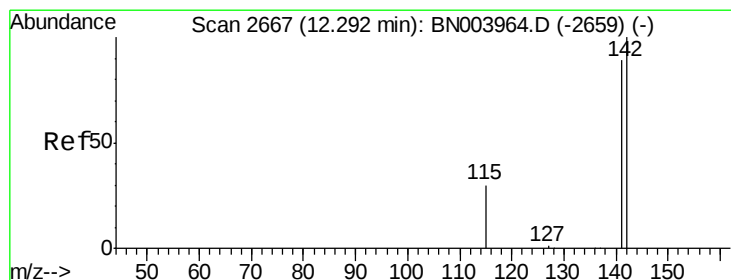
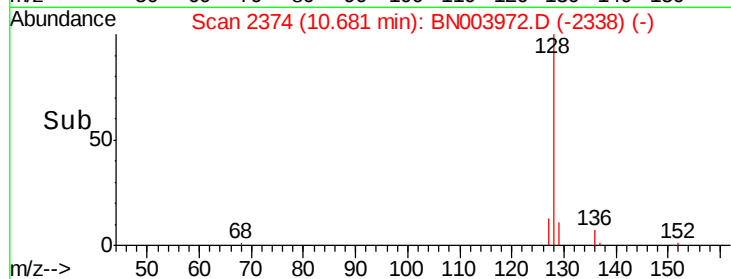
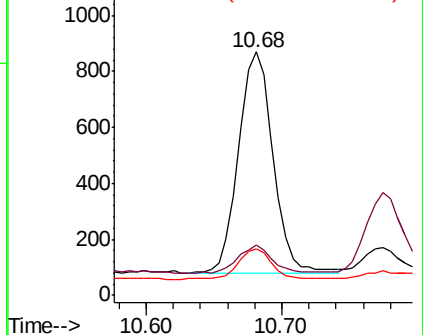
127 19.0 10.5 15.7#



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: 0.111 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003972.D

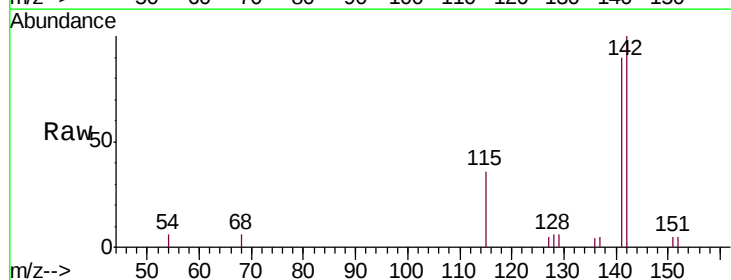
Acq: 15 Dec 2018 23:22

Tgt Ion:142 Resp: 2020

Ion Ratio Lower Upper

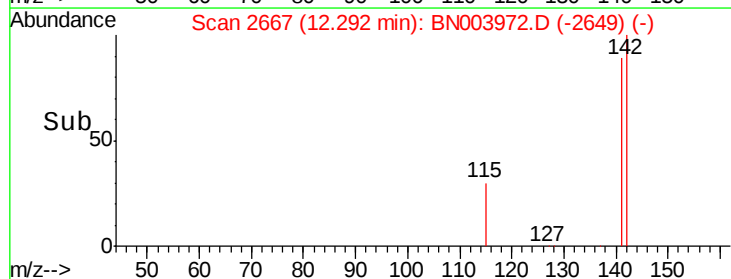
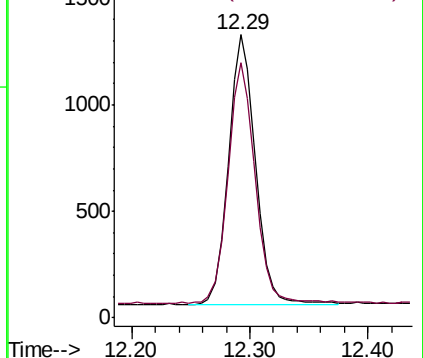
142 100

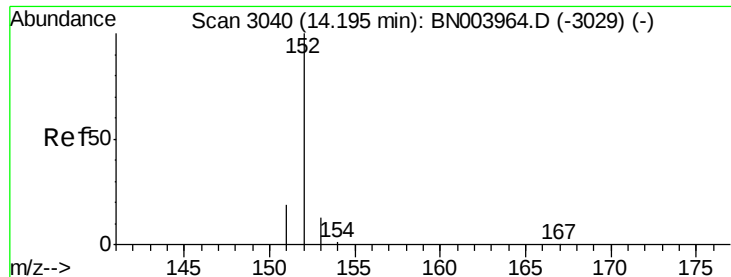
141 91.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.112 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003972.D

Acq: 15 Dec 2018 23:22

Instrument :

BNA_N

ClientSampleId :

F9Y11

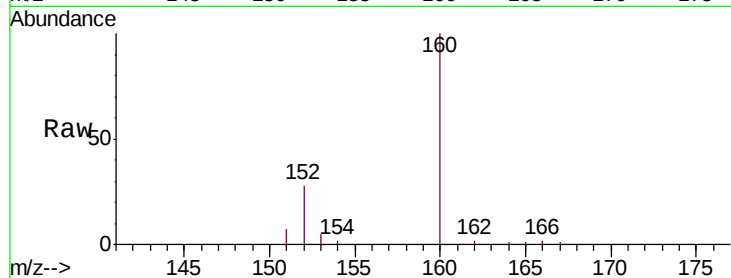
Tgt Ion:152 Resp: 2779

Ion Ratio Lower Upper

152 100

151 23.9 15.9 23.9#

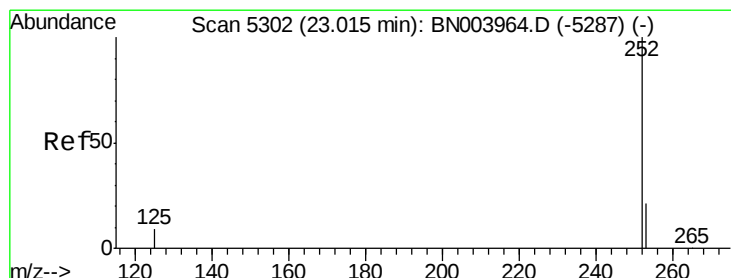
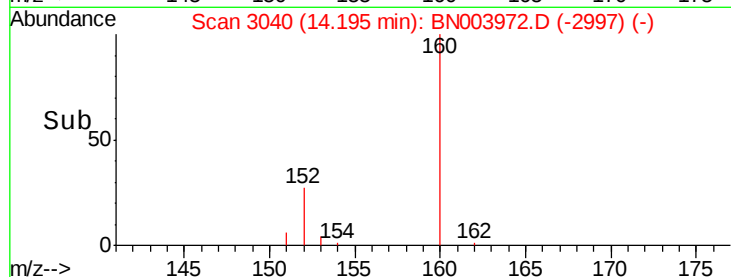
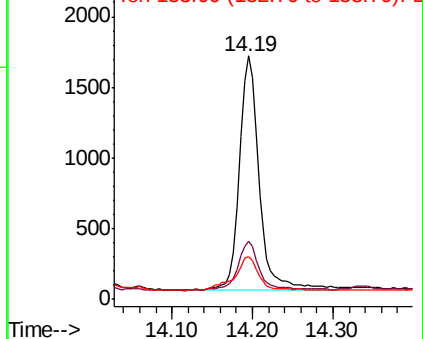
153 17.6 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#21

Benzo(b)fluoranthene

Concen: 0.545 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BN003972.D

Acq: 15 Dec 2018 23:22

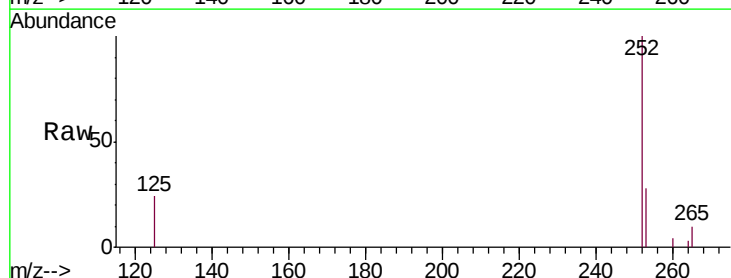
Tgt Ion:252 Resp: 40418

Ion Ratio Lower Upper

252 100

253 27.8 0.0 46.0

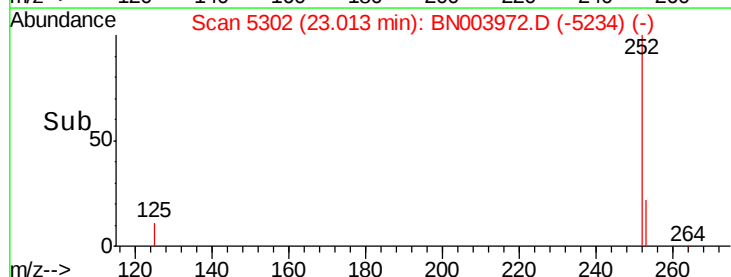
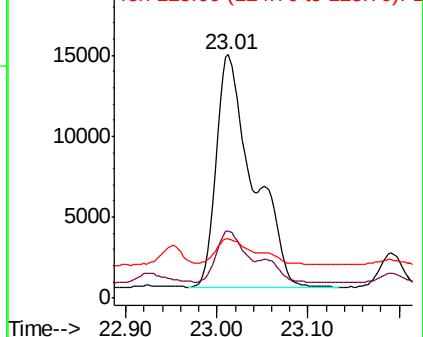
125 24.4 0.0 22.4#

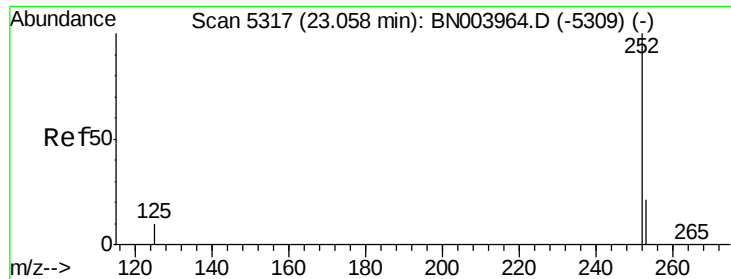


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.558 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.05 min

Lab File: BN003972.D

Acq: 15 Dec 2018 23:22

Instrument :

BNA_N

ClientSampleId :

F9Y11

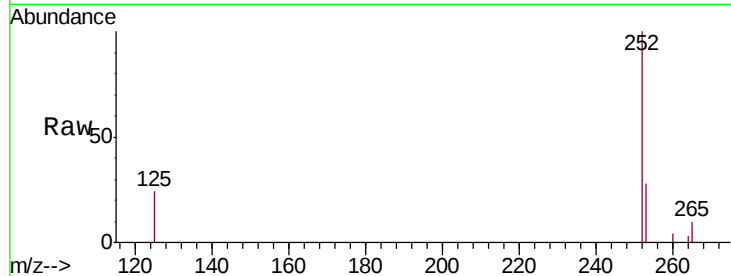
Tgt Ion:252 Resp: 40276

Ion Ratio Lower Upper

252 100

253 27.8 18.5 27.7#

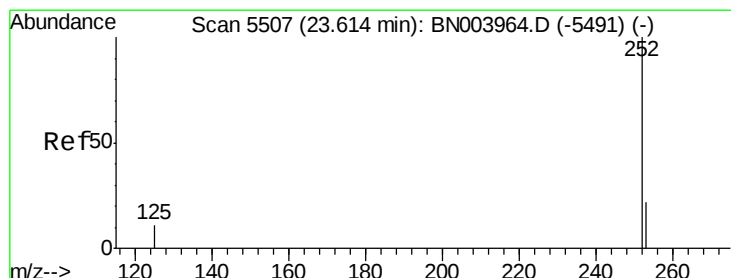
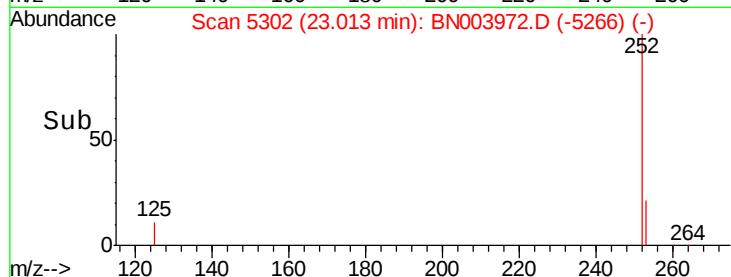
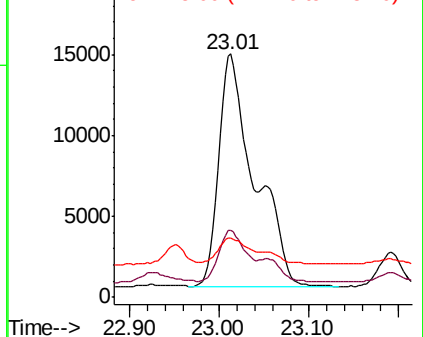
125 24.4 9.0 13.6#



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: 0.215 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. -0.00 min

Lab File: BN003972.D

Acq: 15 Dec 2018 23:22

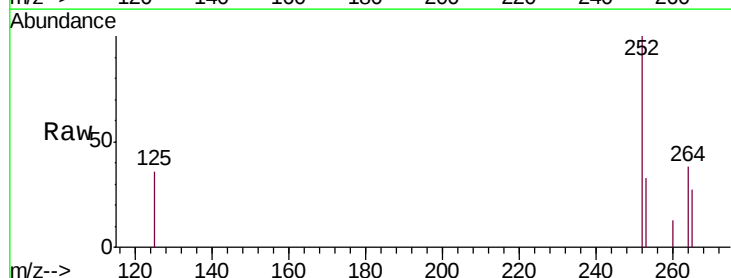
Tgt Ion:252 Resp: 13817

Ion Ratio Lower Upper

252 100

253 32.6 19.0 28.4#

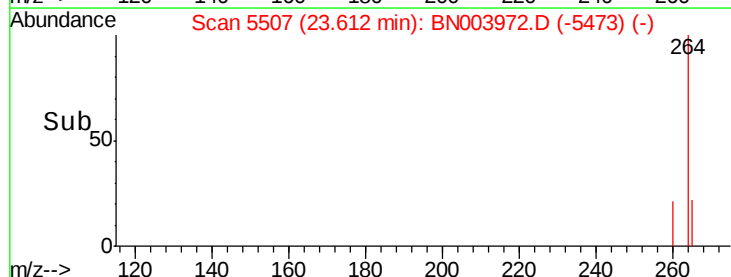
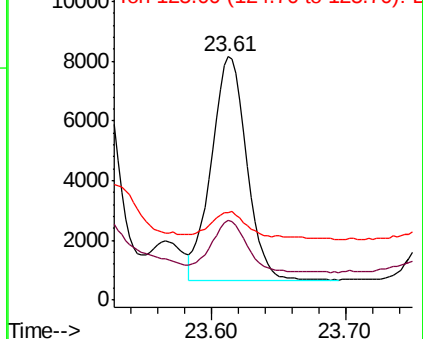
125 36.2 10.2 15.4#

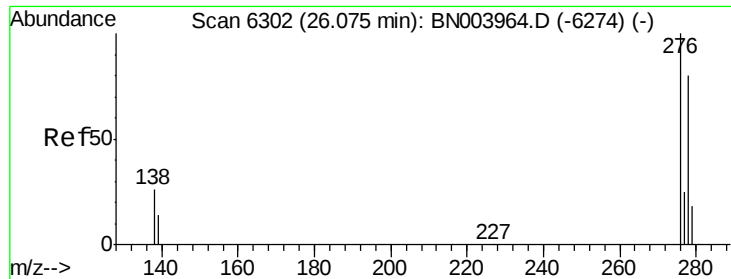


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



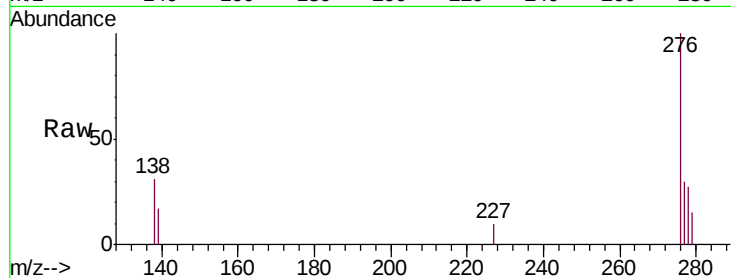


#24

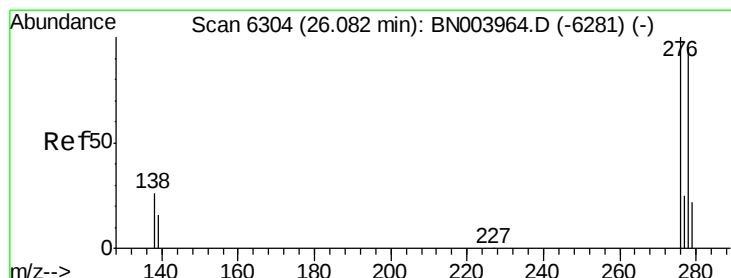
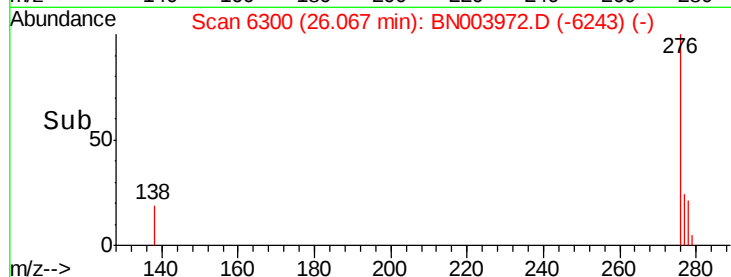
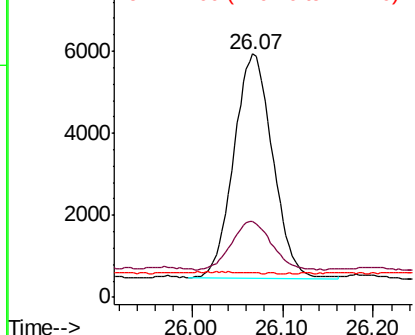
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Instrument :
BNA_N
ClientSampleId :
F9Y11

Tgt Ion: 276 Resp: 16279
Ion Ratio Lower Upper
276 100
138 22.5 20.3 30.5
227 0.0 0.2 0.2#



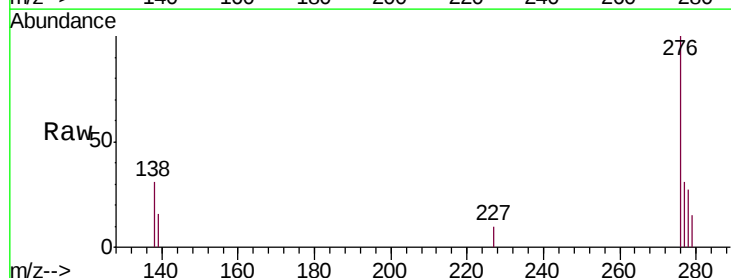
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



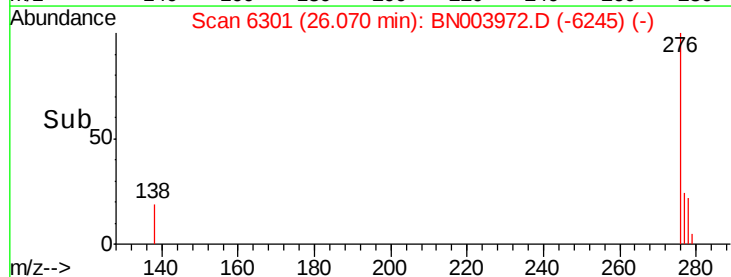
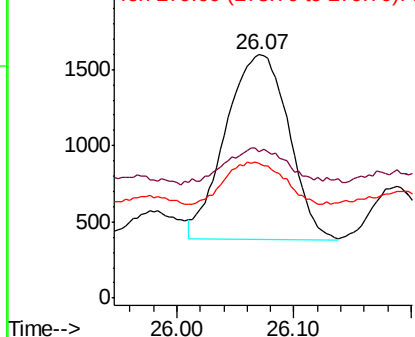
#25

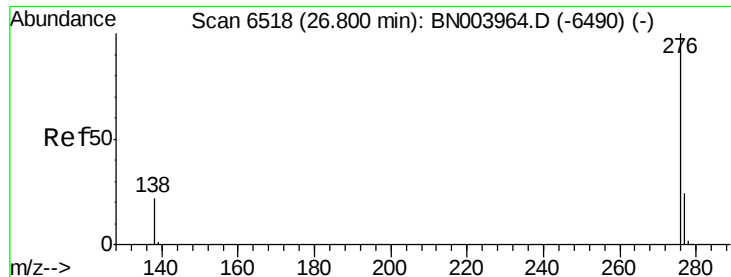
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003972.D
Acq: 15 Dec 2018 23:22

Tgt Ion: 278 Resp: 4529
Ion Ratio Lower Upper
278 100
139 60.1 14.2 21.4#
279 55.4 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.322 ng/ul

RT: 26.80 min Scan# 6518

Delta R.T. -0.00 min

Lab File: BN003972.D

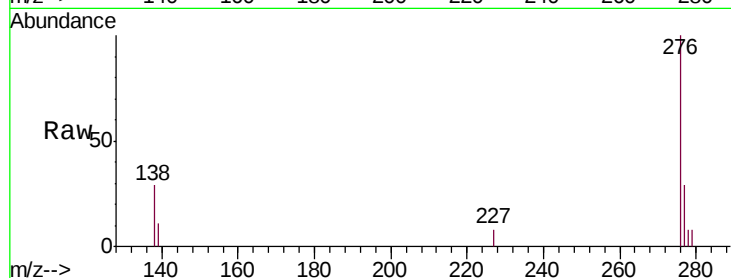
Acq: 15 Dec 2018 23:22

Instrument :

BNA_N

ClientSampleId :

F9Y11



Tgt Ion: 276 Resp: 20615

Ion Ratio Lower Upper

276 100

138 29.1 17.7 26.5#

277 28.8 19.3 28.9

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

