

Data File : BN004053.D
Acq On : 18 Dec 2018 01:28
Operator : JU/SJ
Sample : J6270-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E00

Quant Time: Dec 18 06:38:04 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4675	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	765674	0.40	ng/ul	0.10
16) Chrysene-d12	21.56	240	22	0.40	ng/ul	0.16
20) Perylene-d12	23.98	264	449	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3344	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

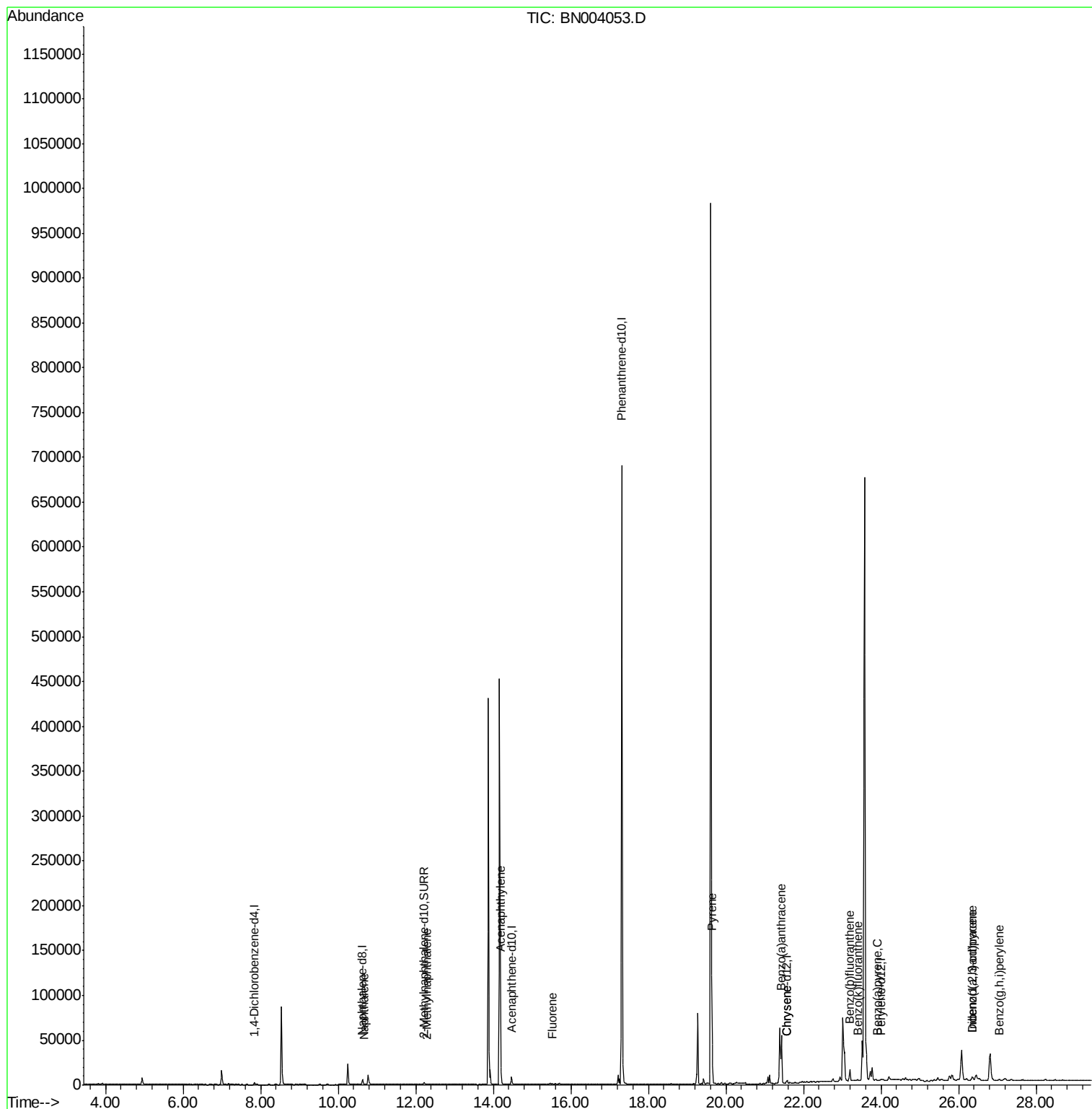
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	527	0.024	ng/ul#	54
5) 2-Methylnaphthalene	12.29	142	327	0.022	ng/ul	98
7) Acenaphthylene	14.19	152	17192	0.817	ng/ul	99
9) Fluorene	15.52	166	900	0.042	ng/ul#	95
17) Pyrene	19.64	202	72931	924.287	ng/ul	98
18) Benzo(a)anthracene	21.43	228	60921	876.734	ng/ul	93
19) Chrysene	21.57	228	4077	51.270	ng/ul#	73
21) Benzo(b)fluoranthene	23.19	252	17639	9.497	ng/ul#	78
22) Benzo(k)fluoranthene	23.40	252	564	0.312	ng/ul#	1
23) Benzo(a)pyrene	23.90	252	290	0.180	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	1600	0.868	ng/ul#	15
25) Dibenzo(a,h)anthracene	26.35	278	6866	4.625	ng/ul#	46
26) Benzo(g,h,i)perylene	27.05	276	1623	1.012	ng/ul#	1

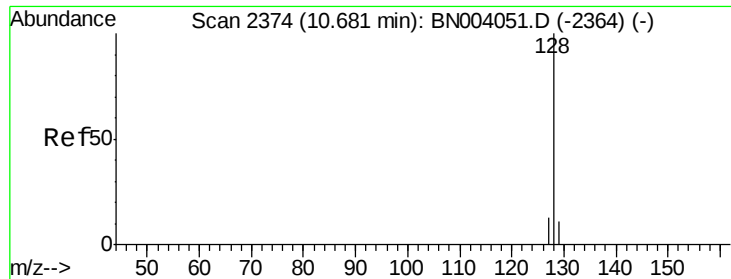
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

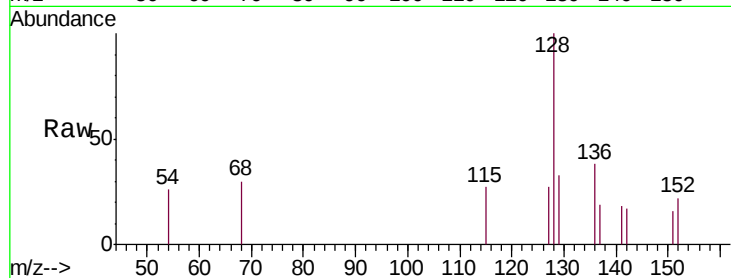
Tgt Ion:128 Resp: 527

Ion Ratio Lower Upper

128 100

129 33.4 9.0 13.6#

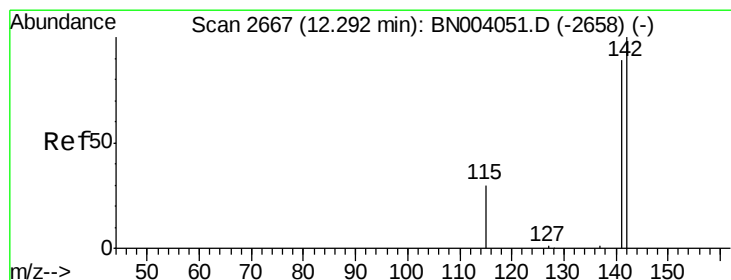
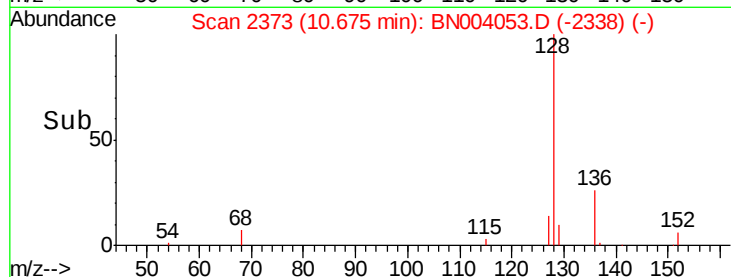
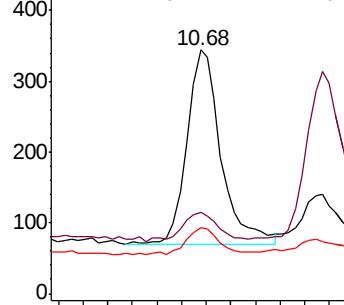
127 27.0 10.5 15.7#



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: 0.022 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004053.D

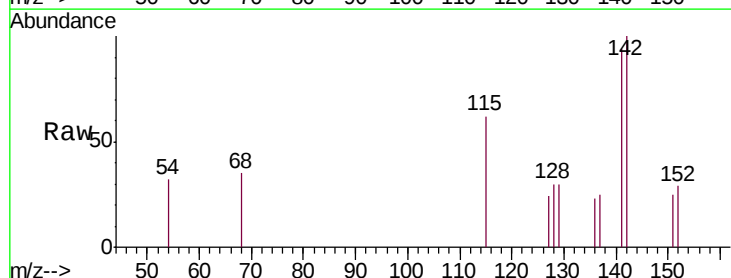
Acq: 18 Dec 2018 01:28

Tgt Ion:142 Resp: 327

Ion Ratio Lower Upper

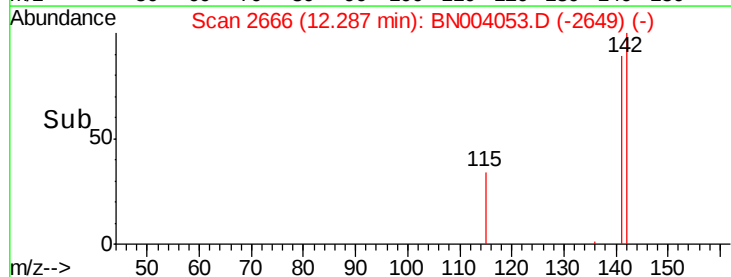
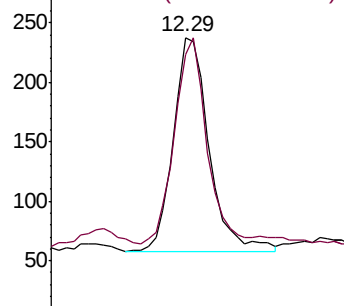
142 100

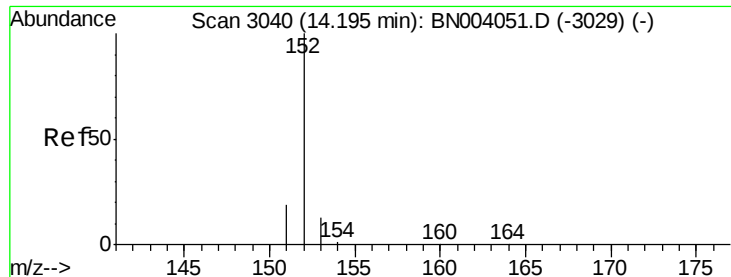
141 91.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.817 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

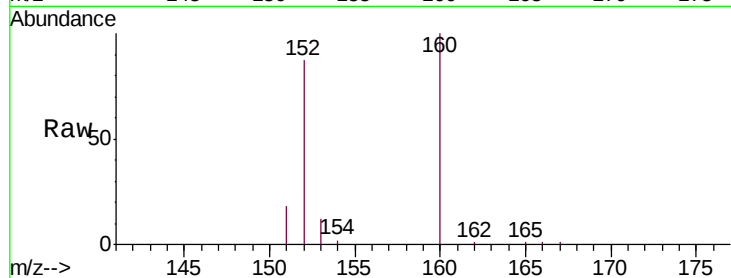
Tgt Ion:152 Resp: 17192

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

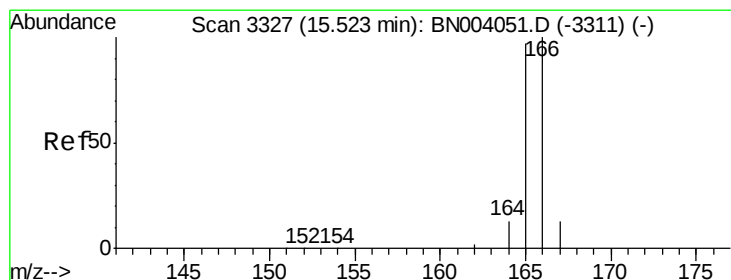
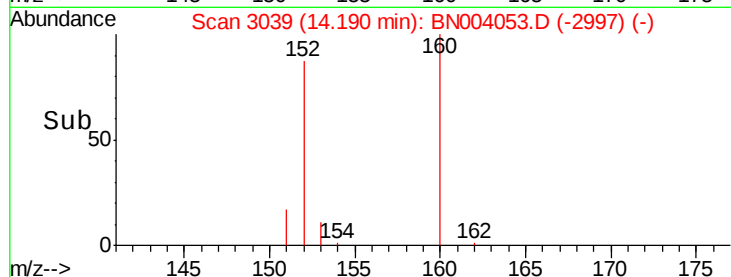
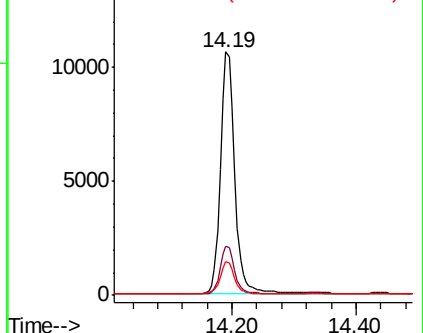
153 13.7 10.7 16.1



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



#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

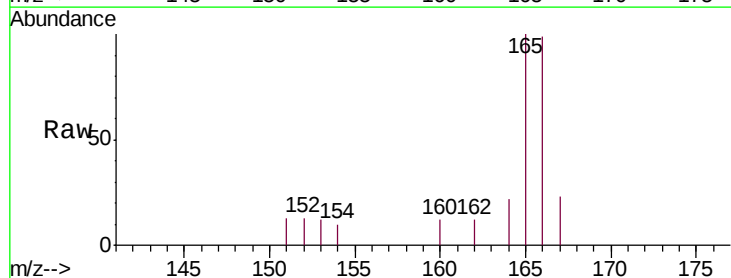
Tgt Ion:166 Resp: 900

Ion Ratio Lower Upper

166 100

165 100.8 78.3 117.5

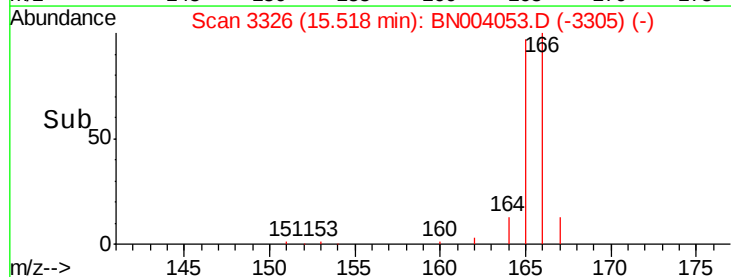
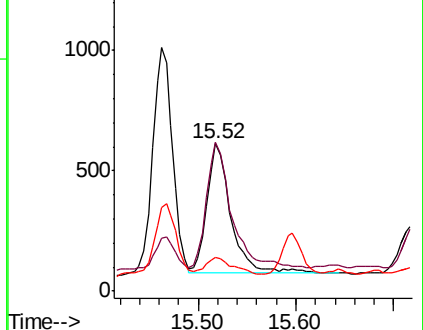
167 23.0 11.3 16.9#

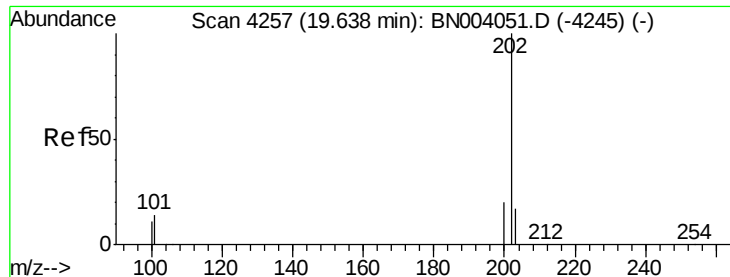


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

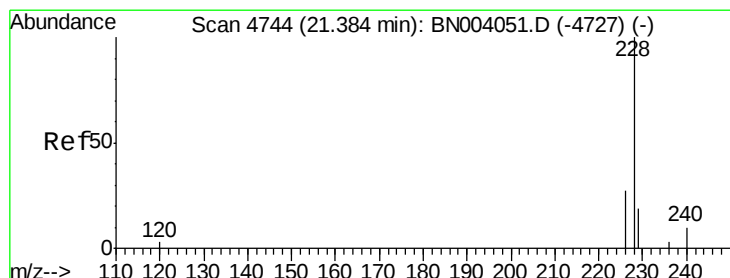
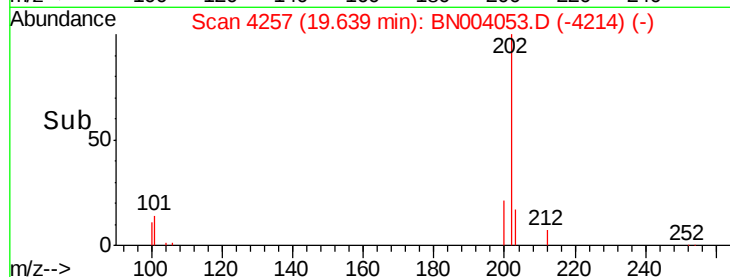
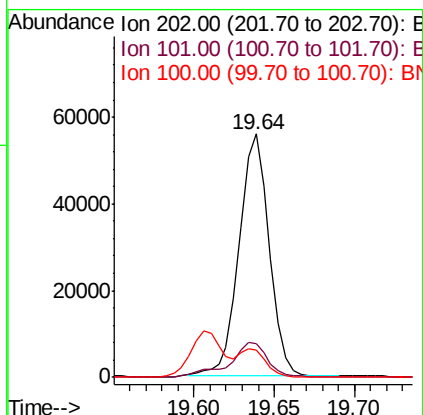
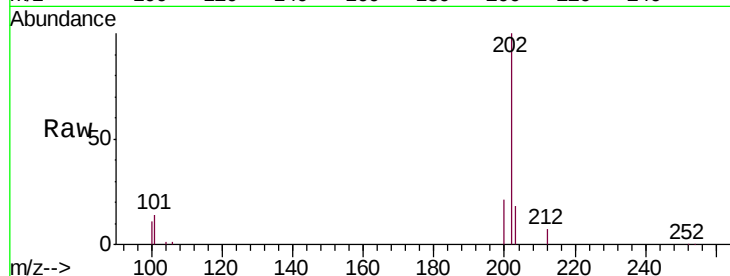




#17
 Pyrene
 Concen: 924.287 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. 0.00 min
 Lab File: BN004053.D
 Acq: 18 Dec 2018 01:28

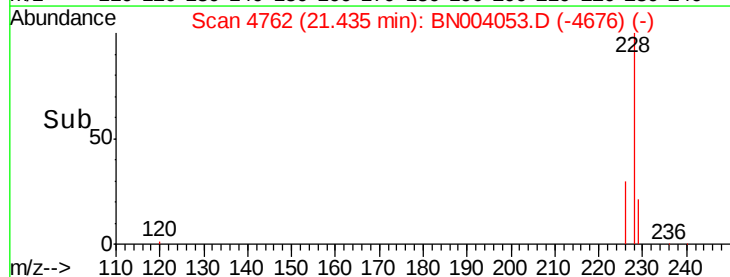
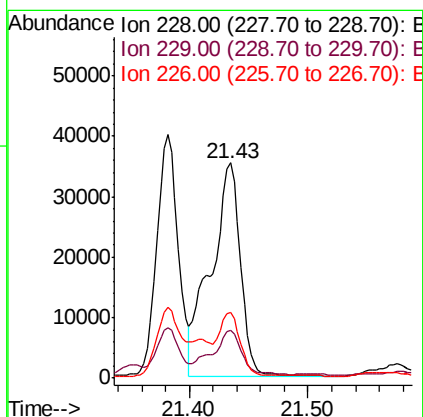
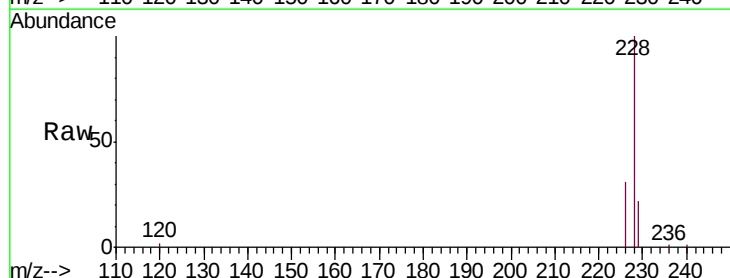
Instrument :
 BNA_N
 ClientSampleId :
 F9E00

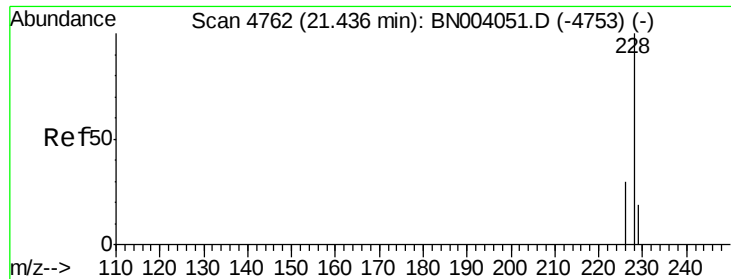
Tgt Ion:202 Resp: 72931
 Ion Ratio Lower Upper
 202 100
 101 14.0 10.3 15.5
 100 11.0 8.5 12.7



#18
 Benzo(a)anthracene
 Concen: 876.734 ng/ul
 RT: 21.43 min Scan# 4762
 Delta R.T. 0.05 min
 Lab File: BN004053.D
 Acq: 18 Dec 2018 01:28

Tgt Ion:228 Resp: 60921
 Ion Ratio Lower Upper
 228 100
 229 22.4 15.6 23.4
 226 30.7 21.1 31.7





#19

Chrysene

Concen: 51.270 ng/ul

RT: 21.57 min Scan# 4810

Delta R.T. 0.14 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

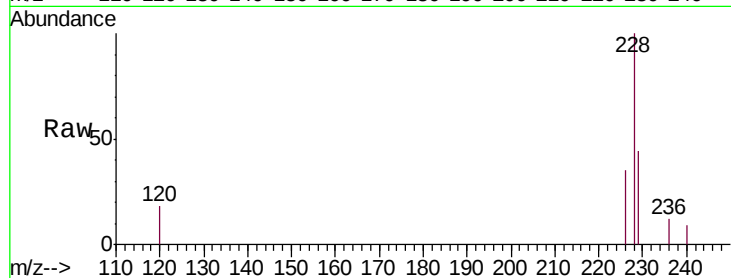
Tgt Ion:228 Resp: 4077

Ion Ratio Lower Upper

228 100

226 35.1 24.0 36.0

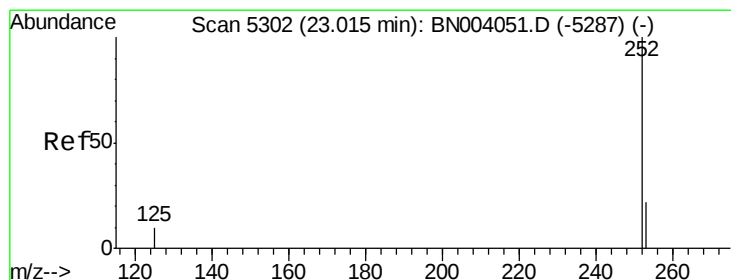
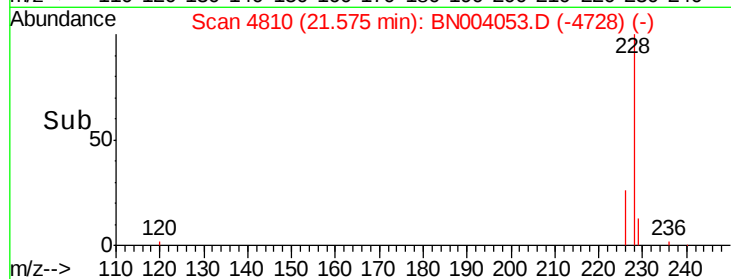
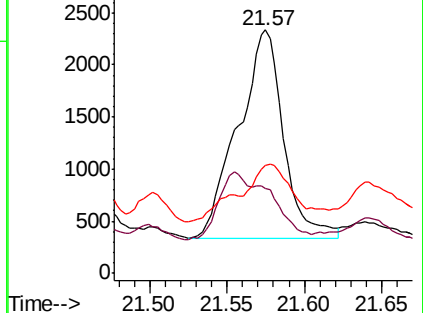
229 44.1 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 9.497 ng/ul

RT: 23.19 min Scan# 5363

Delta R.T. 0.18 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

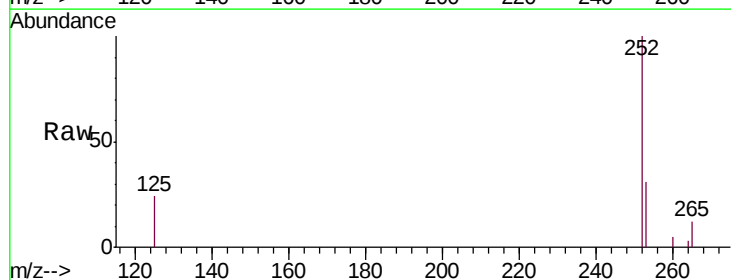
Tgt Ion:252 Resp: 17639

Ion Ratio Lower Upper

252 100

253 30.7 0.0 46.0

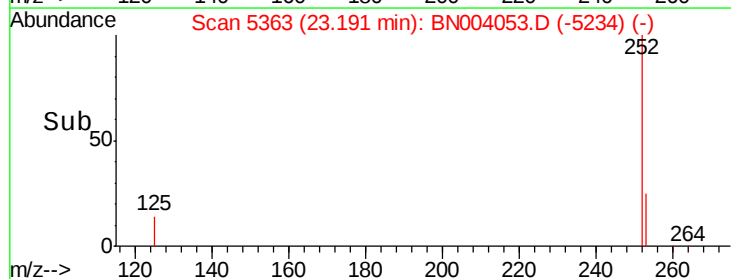
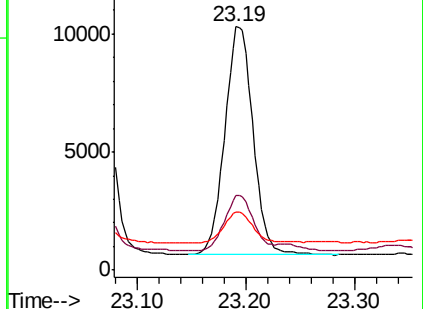
125 23.9 0.0 22.4#

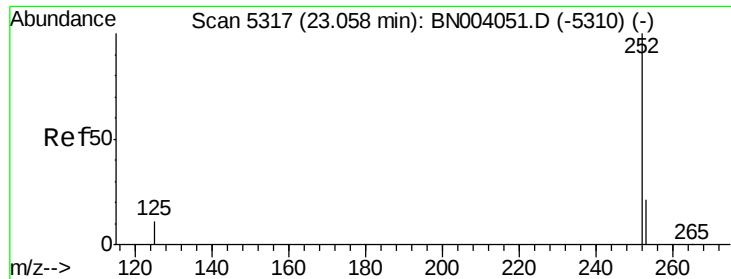


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.312 ng/u1

RT: 23.40 min Scan# 5433

Delta R.T. 0.34 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

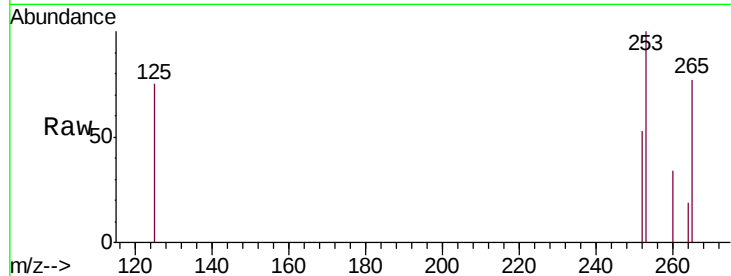
Tgt Ion:252 Resp: 564

Ion Ratio Lower Upper

252 100

253 189.4 18.5 27.7#

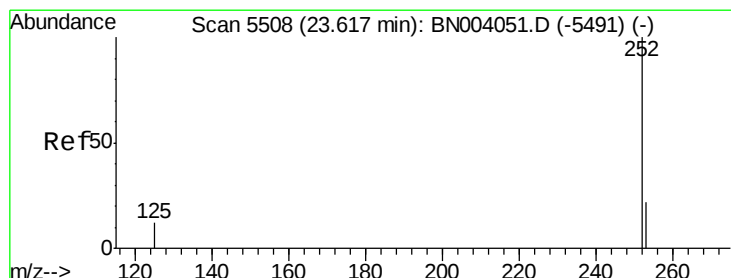
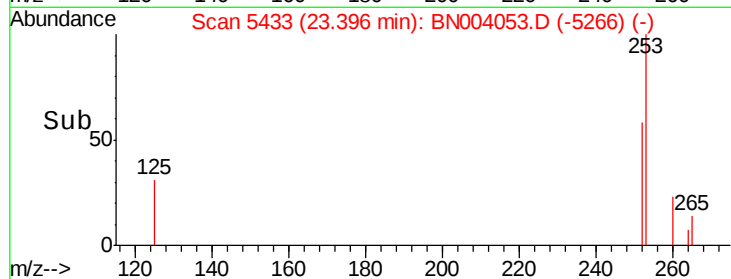
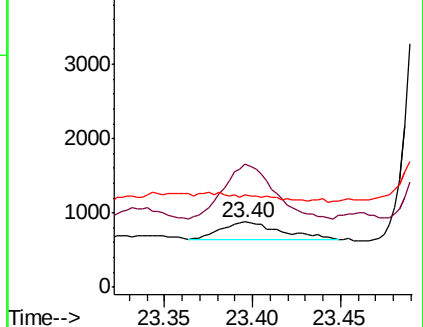
125 141.3 9.0 13.6#



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: 0.180 ng/u1

RT: 23.90 min Scan# 5607

Delta R.T. 0.29 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

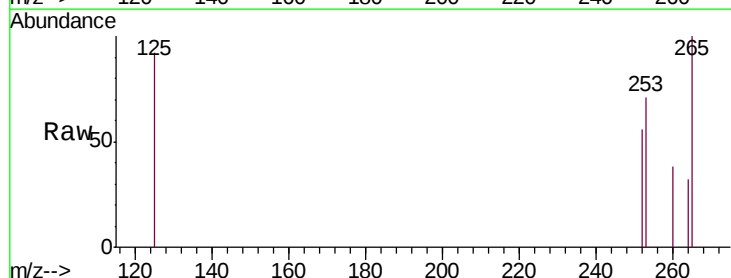
Tgt Ion:252 Resp: 290

Ion Ratio Lower Upper

252 100

253 127.4 19.0 28.4#

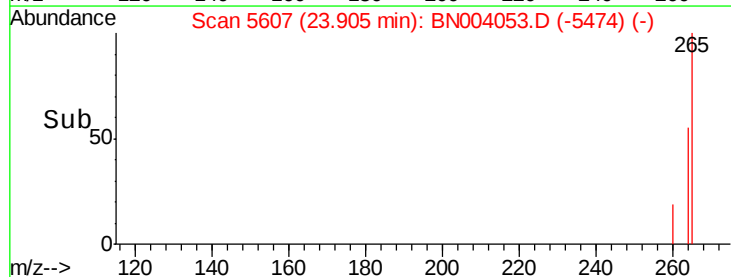
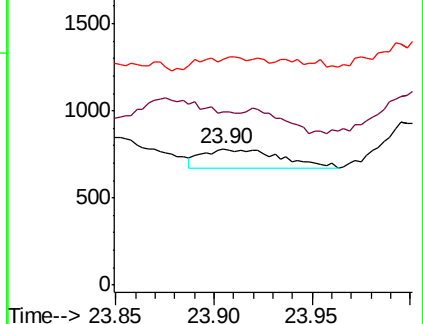
125 165.6 10.2 15.4#

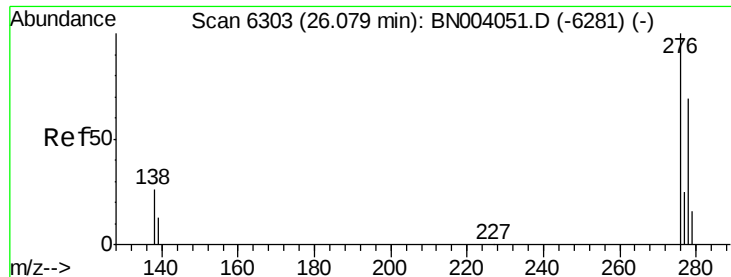


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.868 ng/ul

RT: 26.35 min Scan# 6385

Delta R.T. 0.27 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

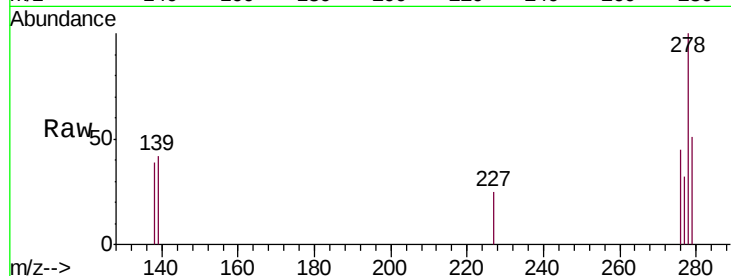
Tgt Ion:276 Resp: 1600

Ion Ratio Lower Upper

276 100

138 68.6 20.3 30.5#

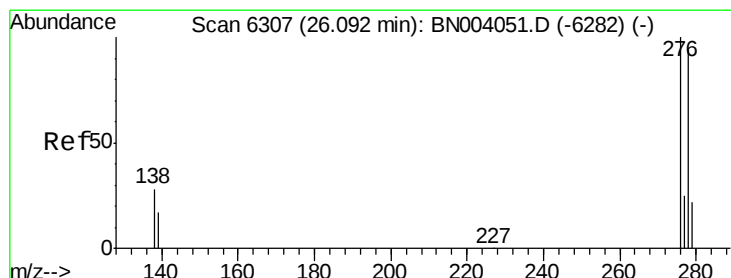
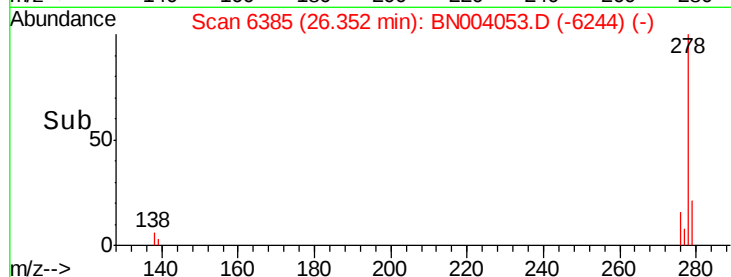
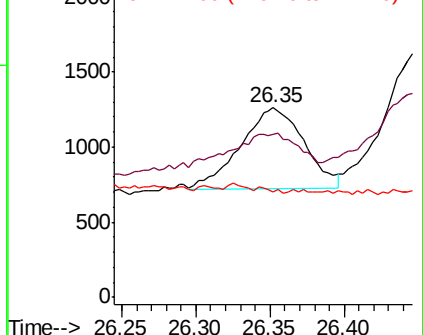
227 0.8 0.2 0.2#



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: 4.625 ng/ul

RT: 26.35 min Scan# 6385

Delta R.T. 0.26 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

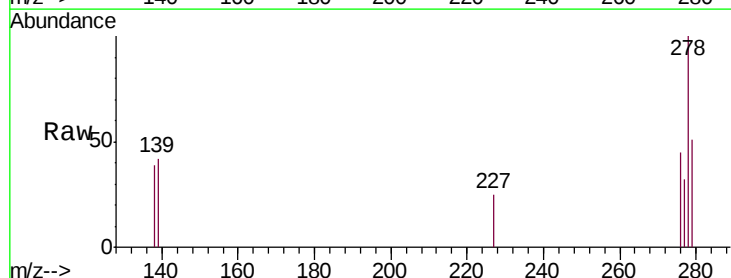
Tgt Ion:278 Resp: 6866

Ion Ratio Lower Upper

278 100

139 41.8 14.2 21.4#

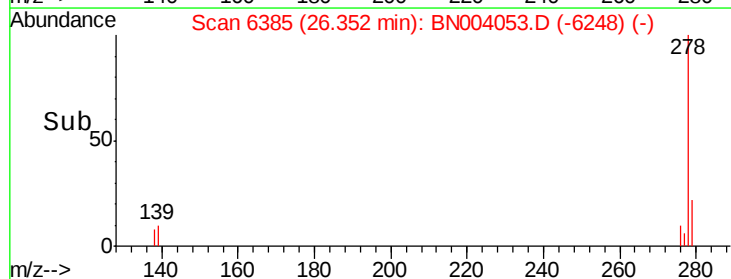
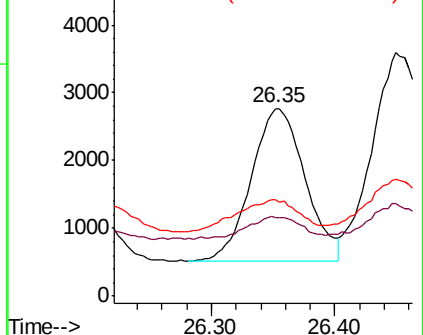
279 51.3 19.8 29.6#

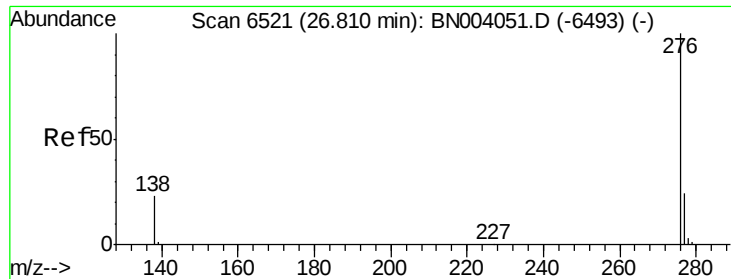


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.012 ng/ul

RT: 27.05 min Scan# 6592

Delta R.T. 0.24 min

Lab File: BN004053.D

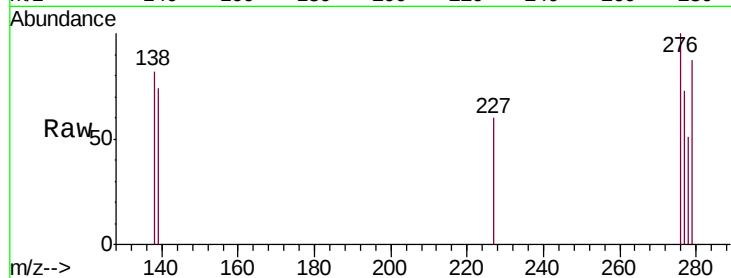
Acq: 18 Dec 2018 01:28

Instrument :

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ClientSampleId :

F9E00



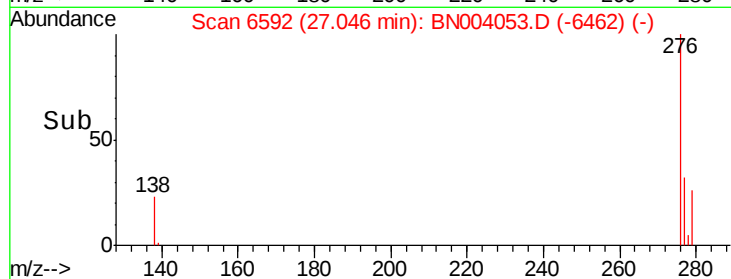
Tgt Ion: 276 Resp: 1623

Ion Ratio Lower Upper

276 100

138 82.2 17.7 26.5#

277 73.1 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

