

Data File : BN004043.D
Acq On : 17 Dec 2018 19:35
Operator : JU/SJ
Sample : J6236-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F00

Quant Time: Dec 18 04:33:27 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 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1570	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7993	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	525730	0.40	ng/ul	0.10
16) Chrysene-d12	21.57	240	20	0.40	ng/ul	0.16
20) Perylene-d12	23.93	264	6	0.40	ng/ul	0.20

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2472	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

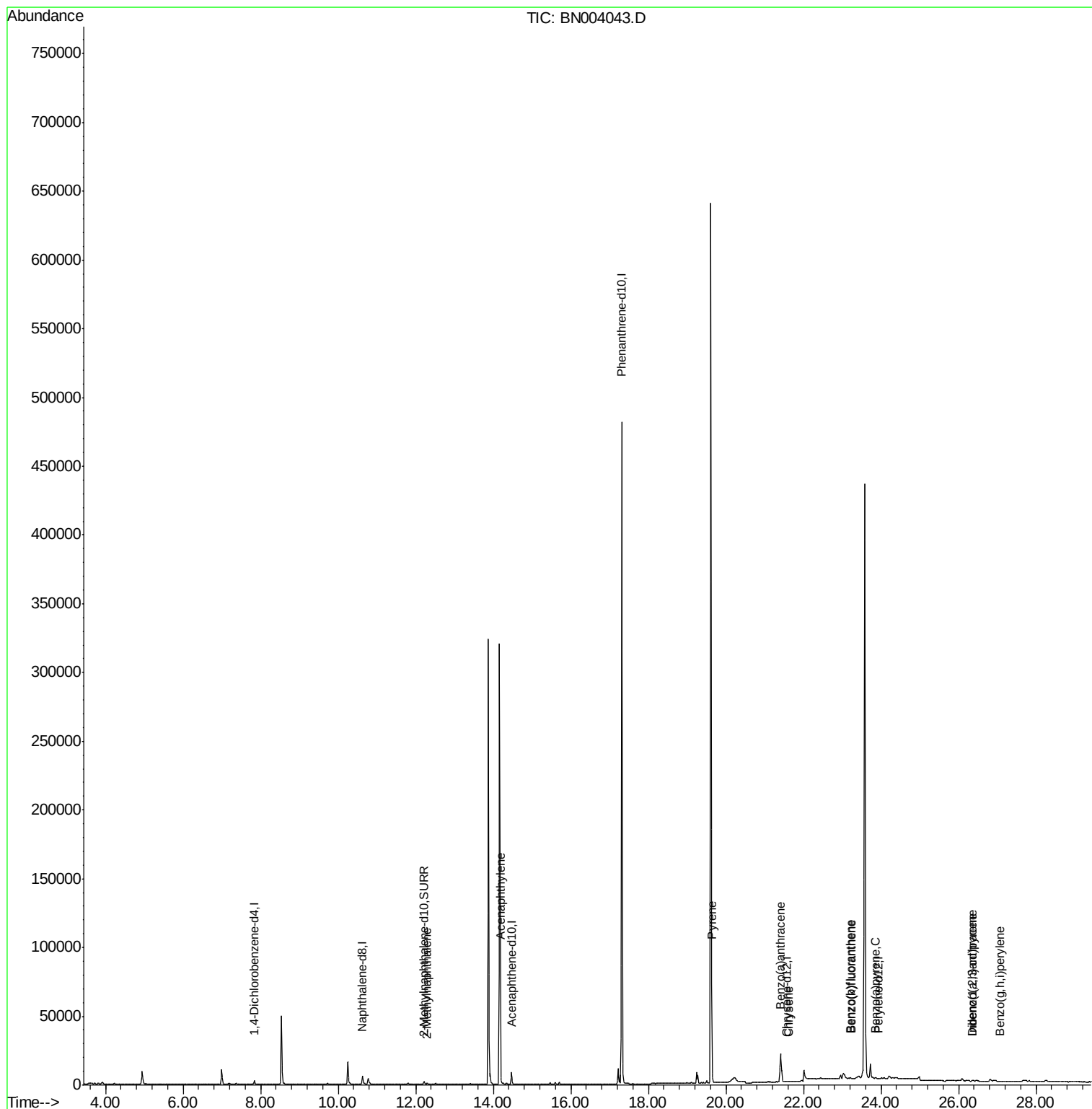
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	453	0.029	ng/ul	98
7) Acenaphthylene	14.19	152	539	0.025	ng/ul#	65
17) Pyrene	19.64	202	8598	119.863	ng/ul#	91
18) Benzo(a)anthracene	21.42	228	15386	243.567	ng/ul#	84
19) Chrysene	21.62	228	43	0.595	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	615	24.779	ng/ul#	1
22) Benzo(k)fluoranthene	23.24	252	43	1.778	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	552	25.683	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	177	7.182	ng/ul#	29
25) Dibenzo(a,h)anthracene	26.37	278	590	29.743	ng/ul#	1
26) Benzo(g,h,i)perylene	27.06	276	16	0.747	ng/ul#	1

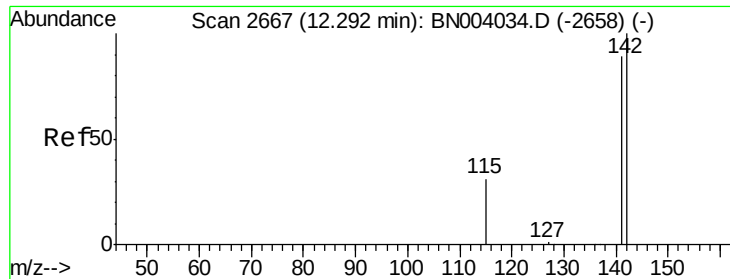
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 04:33:27 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004043.D

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Instrument :

BNA_N

ClientSampleId :

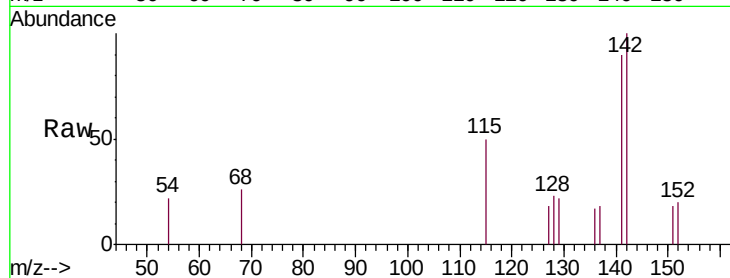
F9F00

Tgt Ion:142 Resp: 453

Ion Ratio Lower Upper

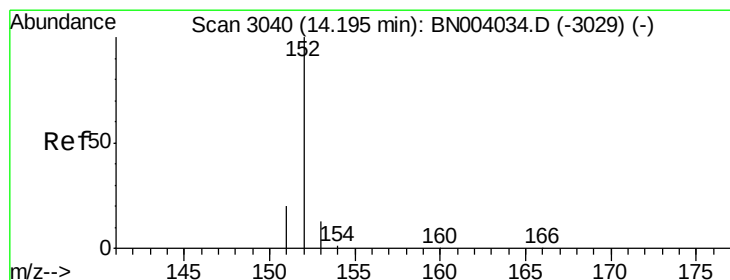
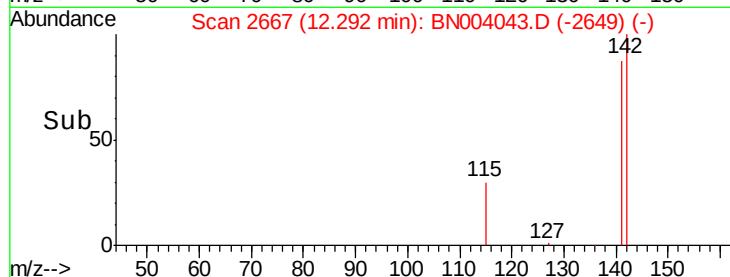
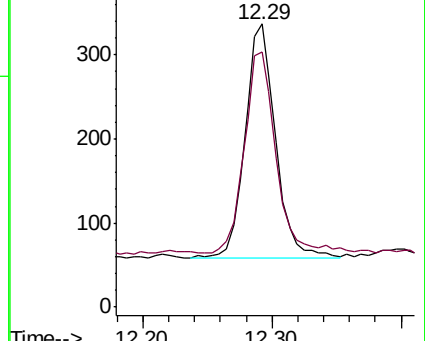
142 100

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: 0.025 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

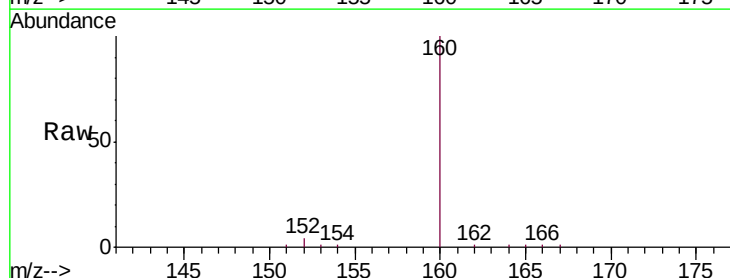
Tgt Ion:152 Resp: 539

Ion Ratio Lower Upper

152 100

151 35.2 15.9 23.9#

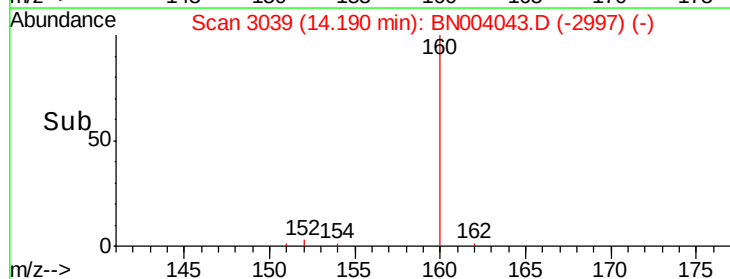
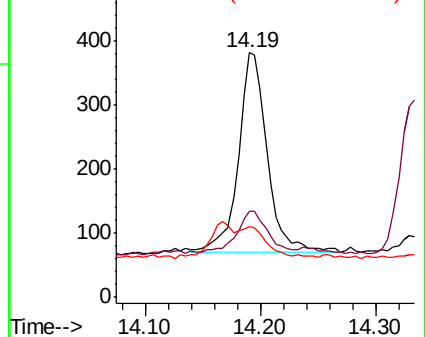
153 28.6 10.7 16.1#

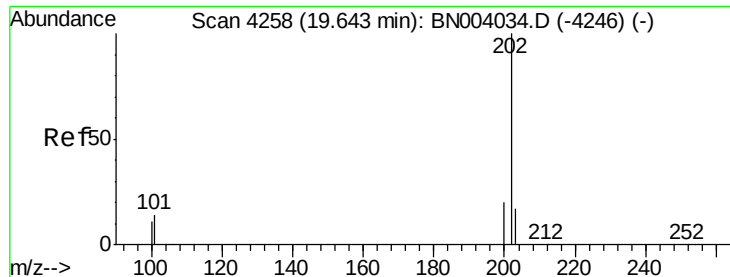


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

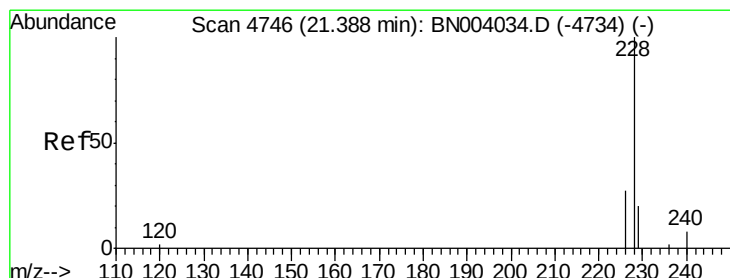
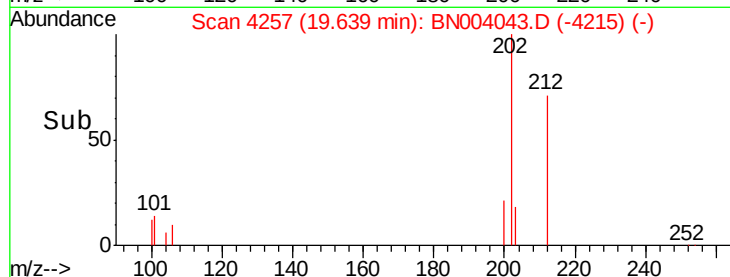
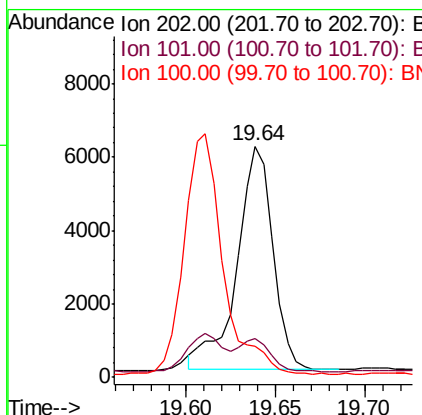
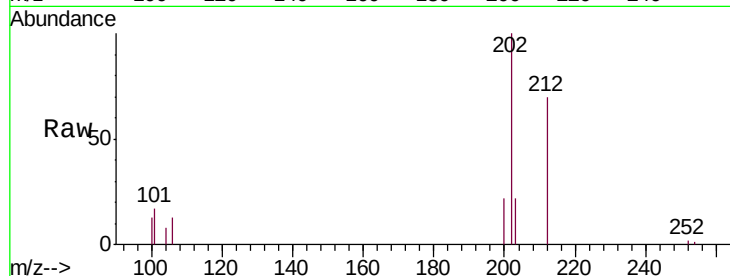




#17
 Pyrene
 Concen: 119.863 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BN004043.D
 Acq: 17 Dec 2018 19:35

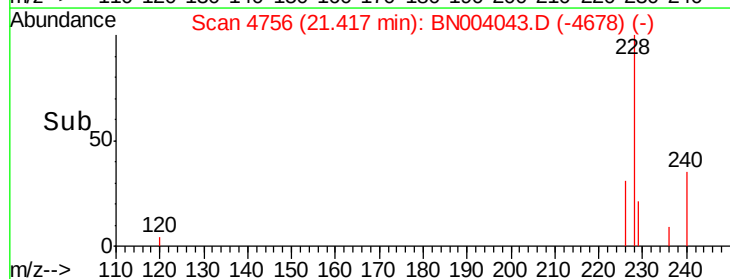
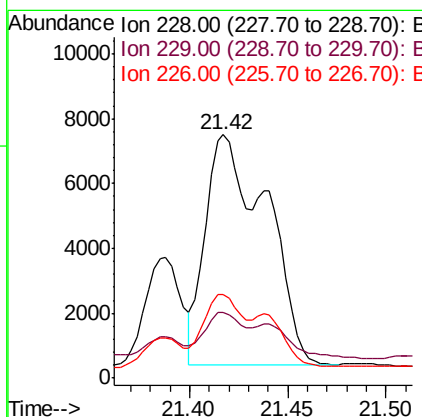
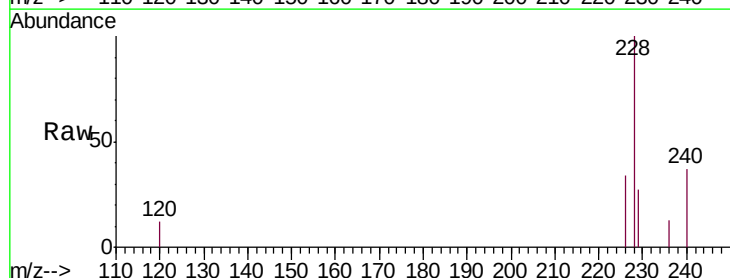
Instrument :
 BNA_N
 ClientSampleId :
 F9F00

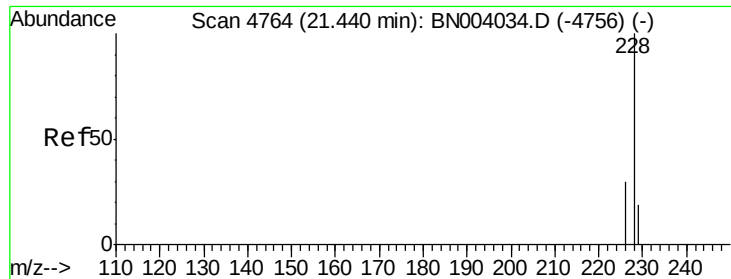
Tgt Ion:202 Resp: 8598
 Ion Ratio Lower Upper
 202 100
 101 16.8 10.3 15.5#
 100 13.4 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 243.567 ng/ul
 RT: 21.42 min Scan# 4756
 Delta R.T. 0.03 min
 Lab File: BN004043.D
 Acq: 17 Dec 2018 19:35

Tgt Ion:228 Resp: 15386
 Ion Ratio Lower Upper
 228 100
 229 26.8 15.6 23.4#
 226 34.2 21.1 31.7#





#19

Chrysene

Concen: 0.595 ng/ul

RT: 21.62 min Scan# 4825

Delta R.T. 0.18 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

Instrument :

BNA_N

ClientSampleId :

F9F00

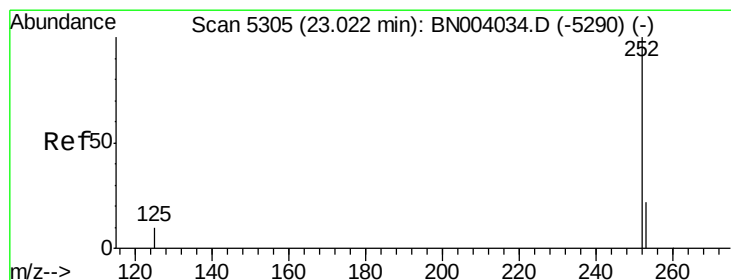
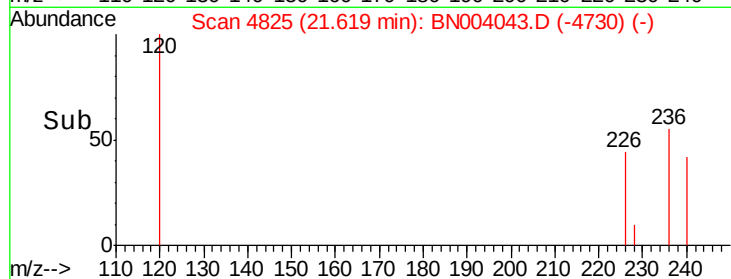
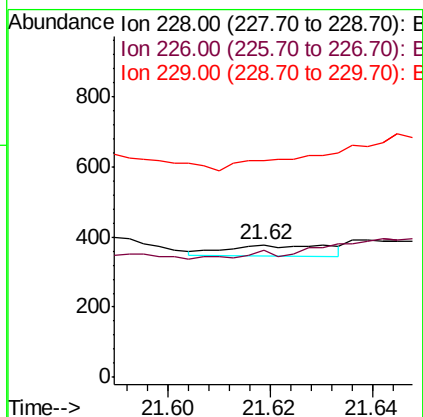
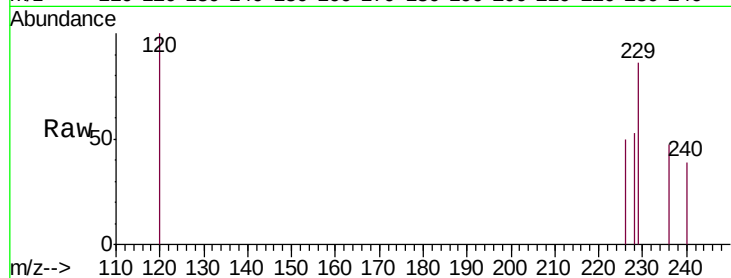
Tgt Ion:228 Resp: 43

Ion Ratio Lower Upper

228 100

226 95.5 24.0 36.0#

229 163.5 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 24.779 ng/ul

RT: 23.20 min Scan# 5367

Delta R.T. 0.18 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

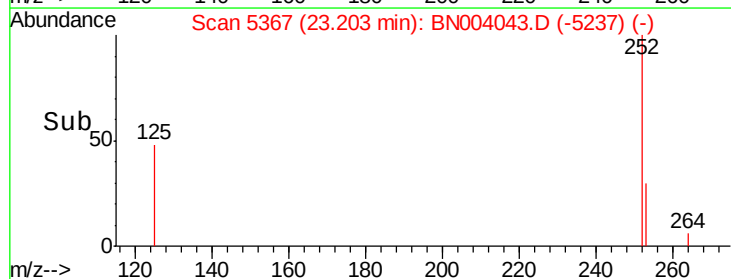
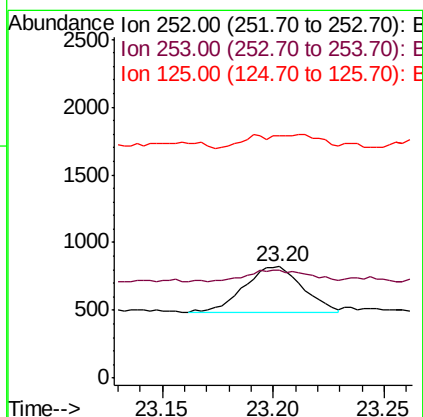
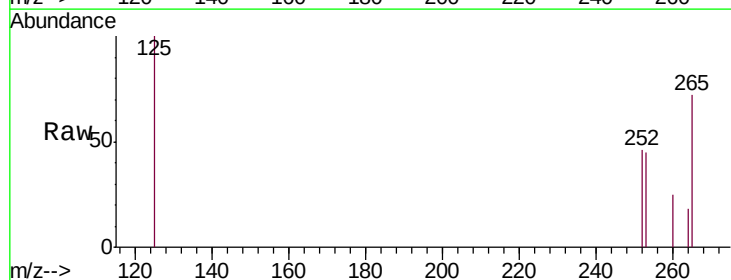
Tgt Ion:252 Resp: 615

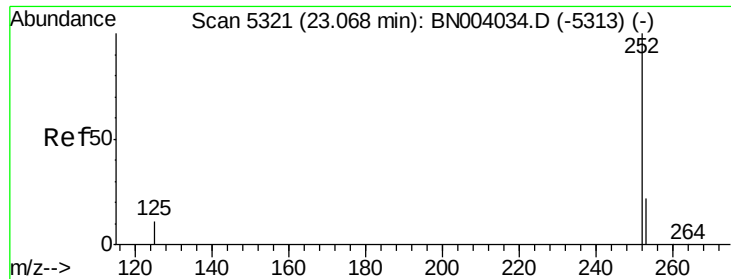
Ion Ratio Lower Upper

252 100

253 97.1 0.0 46.0#

125 217.4 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 1.778 ng/ul

RT: 23.24 min Scan# 5378

Delta R.T. 0.17 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

Instrument :

BNA_N

ClientSampleId :

F9F00

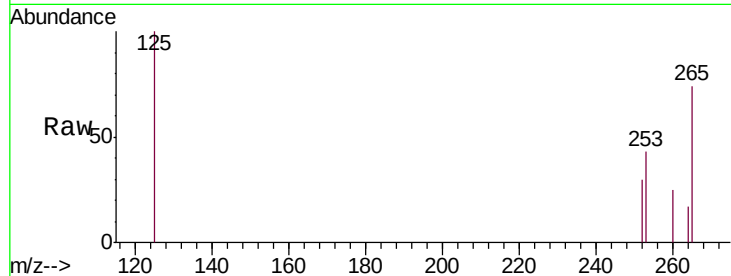
Tgt Ion:252 Resp: 43

Ion Ratio Lower Upper

252 100

253 140.6 18.5 27.7#

125 330.9 9.0 13.6#

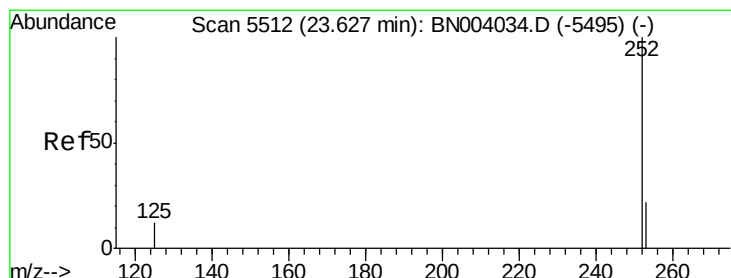
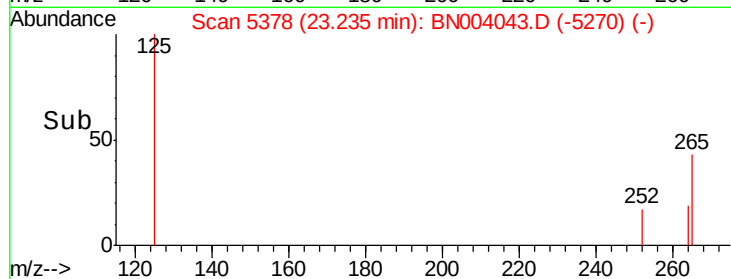
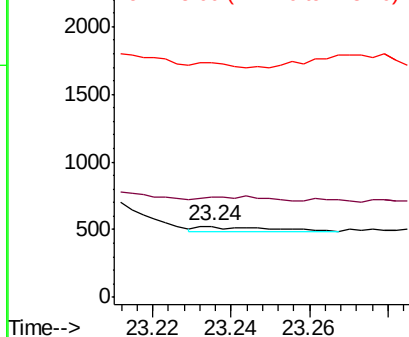


Abundance

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: 25.683 ng/ul

RT: 23.85 min Scan# 5588

Delta R.T. 0.22 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

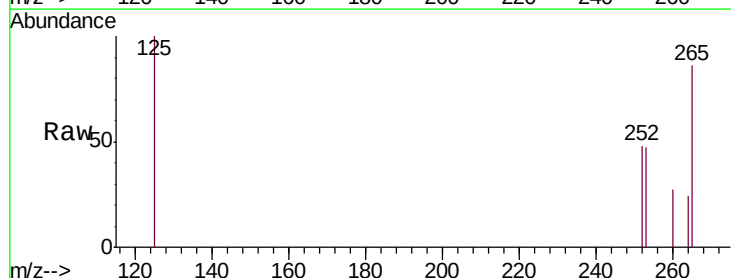
Tgt Ion:252 Resp: 552

Ion Ratio Lower Upper

252 100

253 97.2 19.0 28.4#

125 208.3 10.2 15.4#

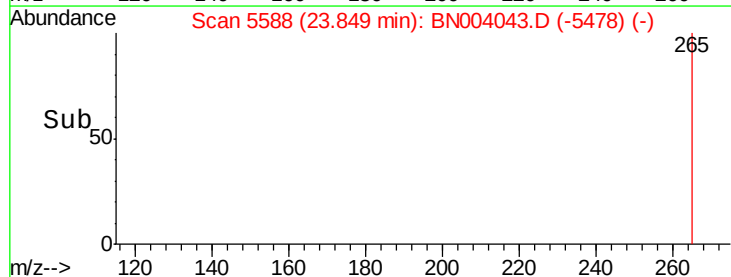
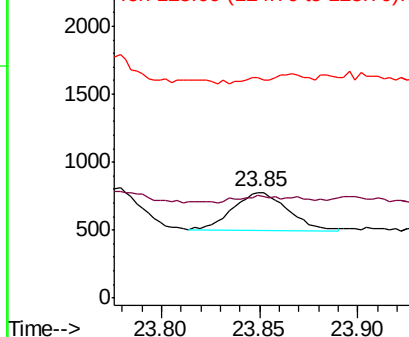


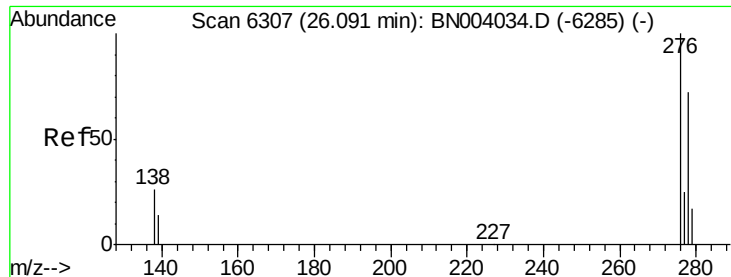
Abundance

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: 7.182 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.27 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

Instrument :

BNA_N

ClientSampleId :

F9F00

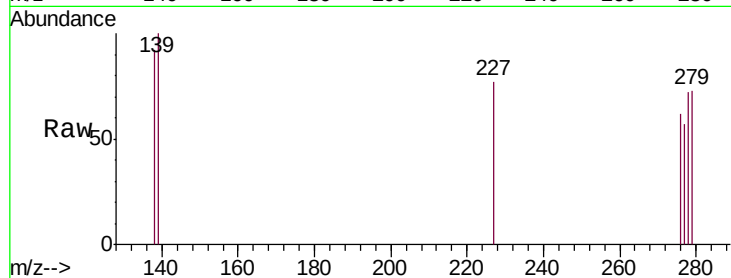
Tgt Ion: 276 Resp: 177

Ion Ratio Lower Upper

276 100

138 61.6 20.3 30.5#

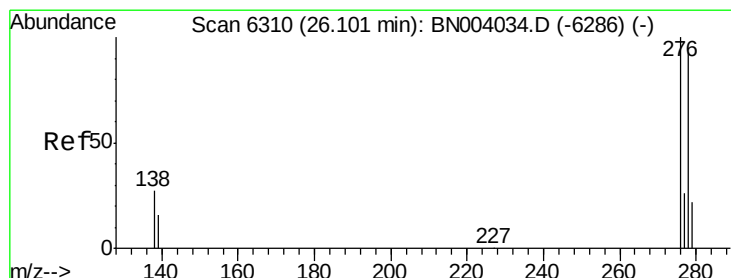
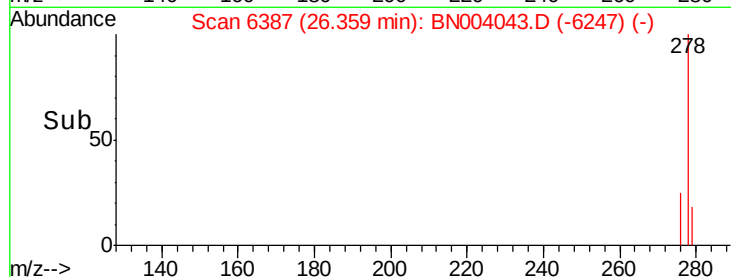
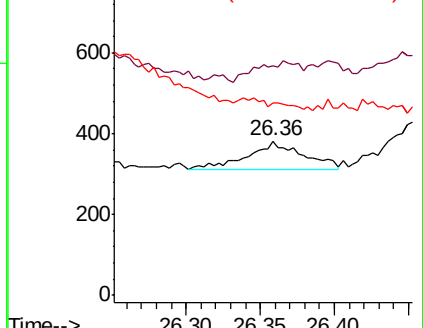
227 0.0 0.2 0.2#



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: 29.743 ng/ul

RT: 26.37 min Scan# 6389

Delta R.T. 0.26 min

Lab File: BN004043.D

Acq: 17 Dec 2018 19:35

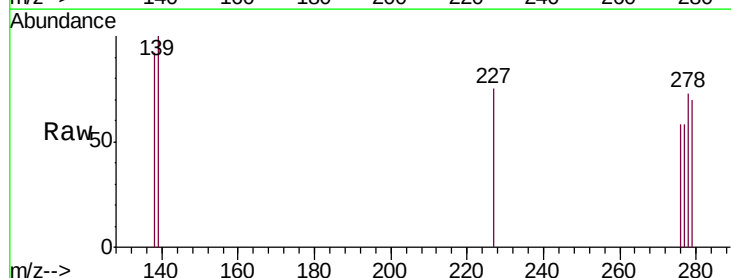
Tgt Ion: 278 Resp: 590

Ion Ratio Lower Upper

278 100

139 136.7 14.2 21.4#

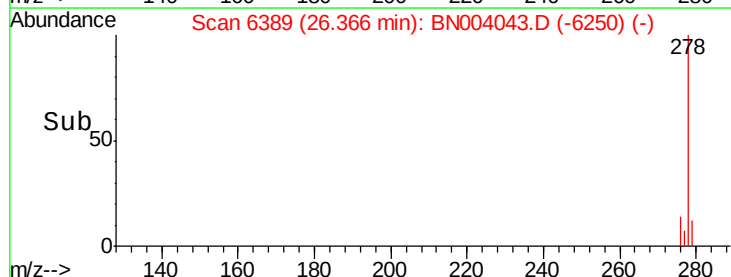
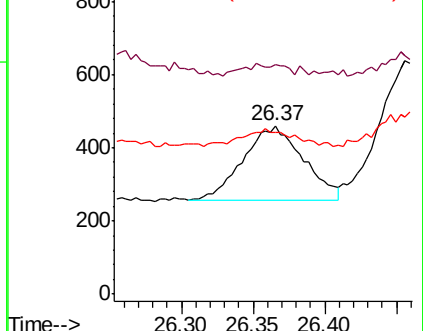
279 96.3 19.8 29.6#

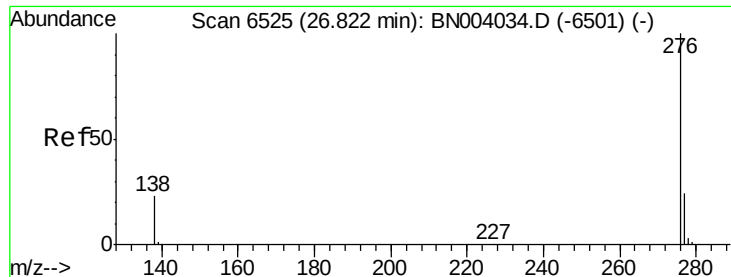


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.747 ng/ul

RT: 27.06 min Scan# 6596

Delta R.T. 0.24 min

Lab File: BN004043.D

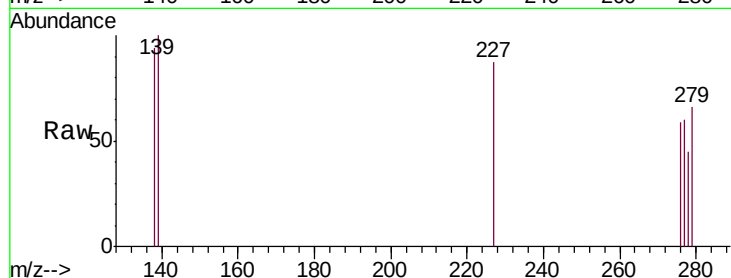
Acq: 17 Dec 2018 19:35

Instrument :

BNA_N

ClientSampleId :

F9F00



Tgt Ion: 276 Resp: 16

Ion Ratio Lower Upper

276 100

138 157.9 17.7 26.5#

277 100.6 19.3 28.9#

