

Data File : BN004042.D
Acq On : 17 Dec 2018 19:00
Operator : JU/SJ
Sample : J6236-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F01

Quant Time: Dec 18 04:33:18 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	1591	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8111	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5023	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	727717	0.40	ng/ul	0.10
16) Chrysene-d12	21.57	240	12	0.40	ng/ul	0.16
20) Perylene-d12	23.94	264	9	0.40	ng/ul	0.21

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3433	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

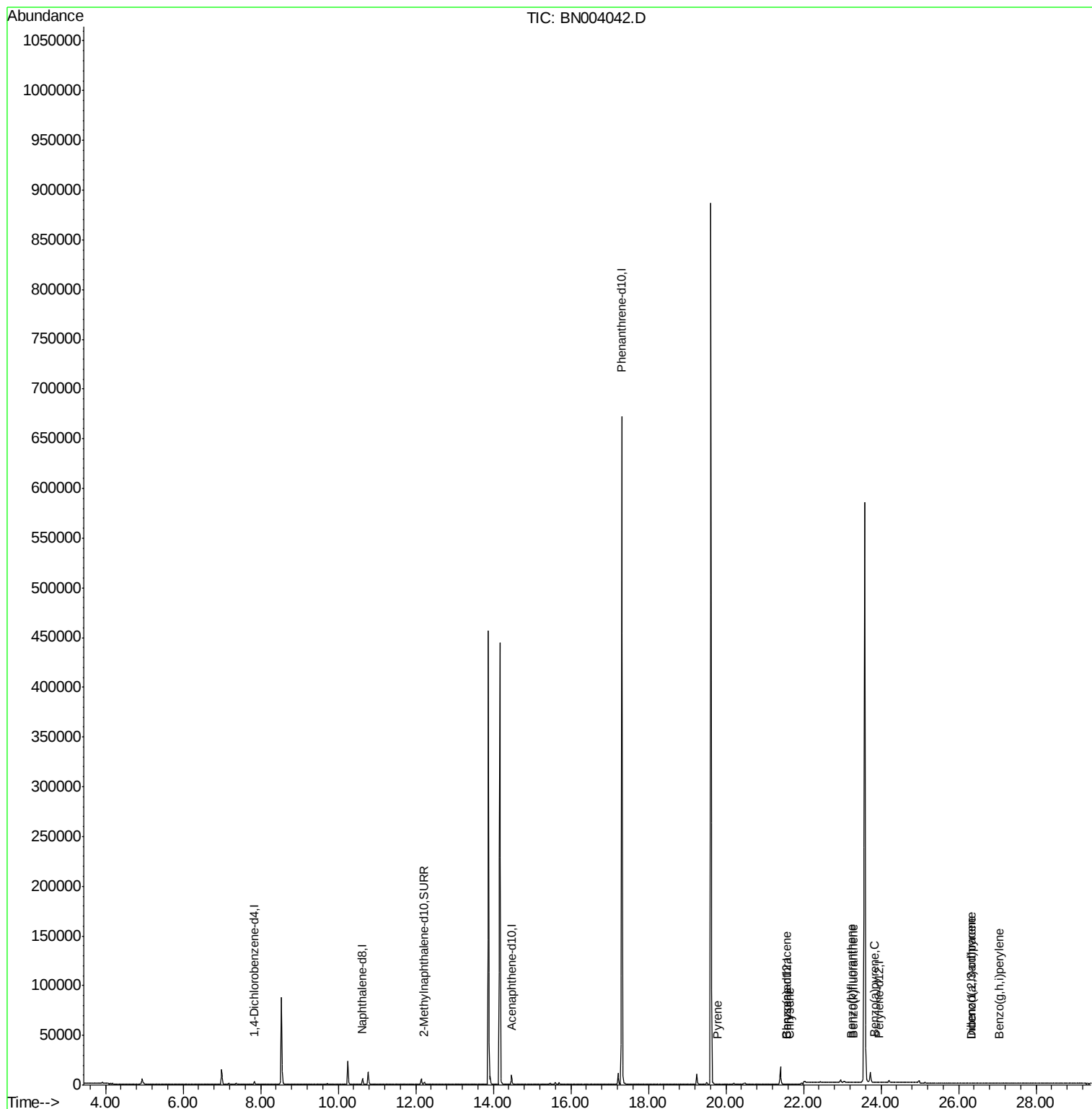
Target Compounds				Qvalue		
17) Pyrene	19.80	202	38	0.883	ng/ul#	1
18) Benzo(a)anthracene	21.55	228	78	2.058	ng/ul#	1
19) Chrysene	21.62	228	11	0.254	ng/ul#	1
21) Benzo(b)fluoranthene	23.24	252	10	0.269	ng/ul#	1
22) Benzo(k)fluoranthene	23.28	252	8	0.221	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	192	5.956	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.32	276	4	0.108	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.33	278	5	0.168	ng/ul#	1
26) Benzo(g,h,i)perylene	27.04	276	8	0.249	ng/ul#	1

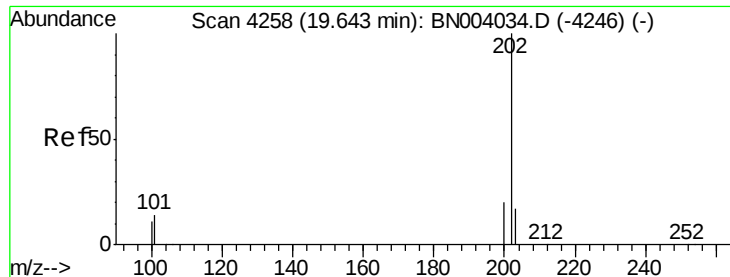
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.883 ng/ul

RT: 19.80 min Scan# 4292

Delta R.T. 0.16 min

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BNA_N

ClientSampleId :

F9F01

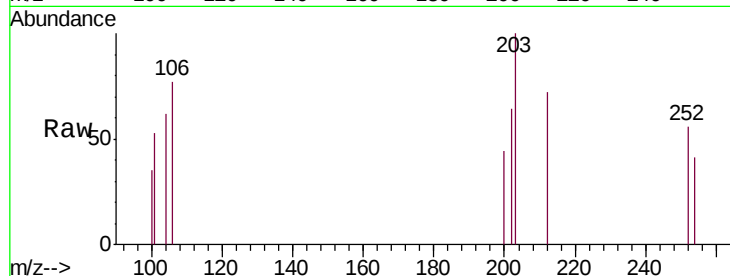
Tgt Ion:202 Resp: 38

Ion Ratio Lower Upper

202 100

101 83.1 10.3 15.5#

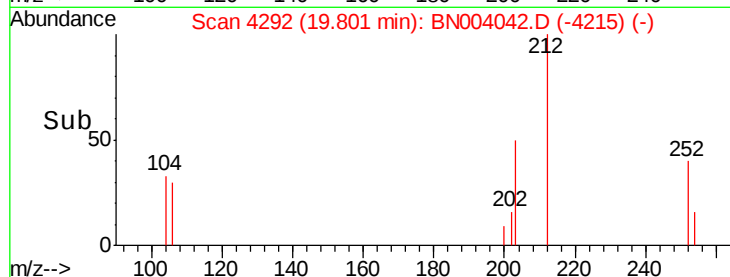
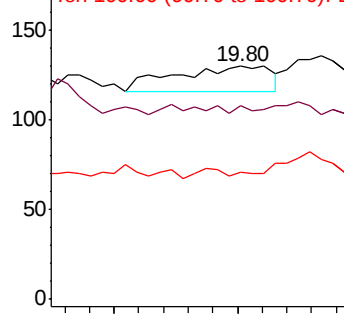
100 54.6 8.5 12.7#



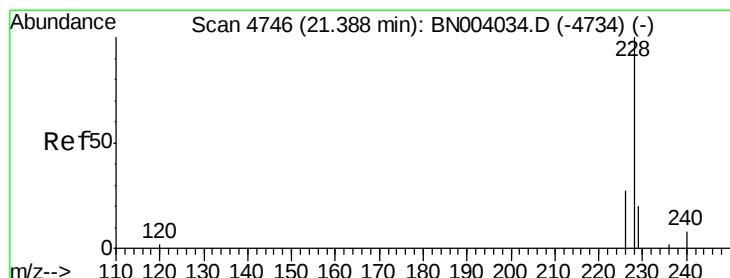
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#18

Benzo(a)anthracene

Concen: 2.058 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.17 min

Lab File: BN004042.D

Acq: 17 Dec 2018 19:00

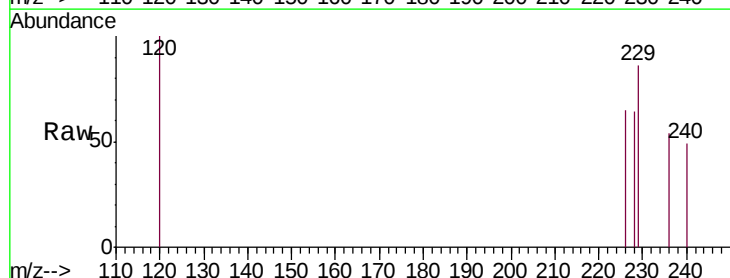
Tgt Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

229 134.1 15.6 23.4#

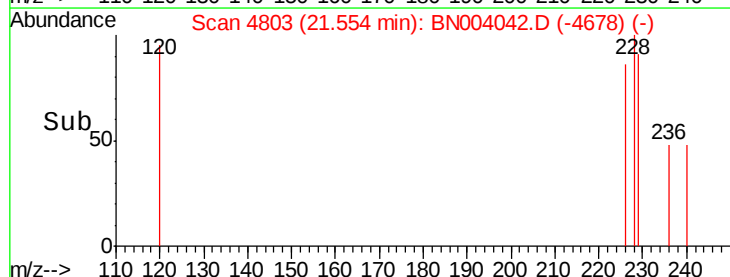
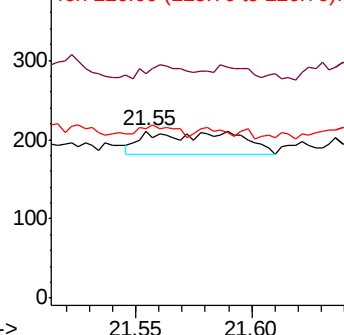
226 101.4 21.1 31.7#



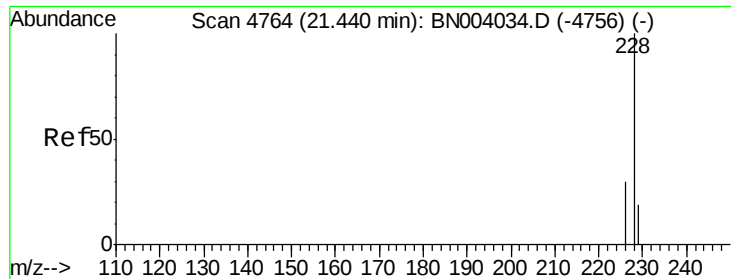
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#19

Chrysene

Concen: 0.254 ng/ul

RT: 21.62 min Scan# 4826

Delta R.T. 0.18 min

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BNA_N

ClientSampleId :

F9F01

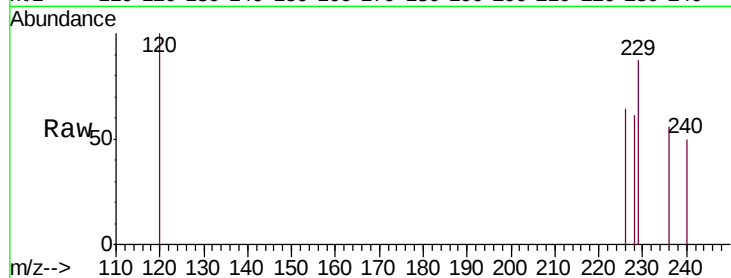
Tgt Ion:228 Resp: 11

Ion Ratio Lower Upper

228 100

226 105.1 24.0 36.0#

229 143.9 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

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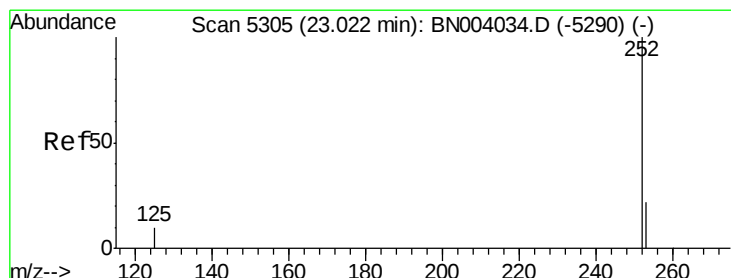
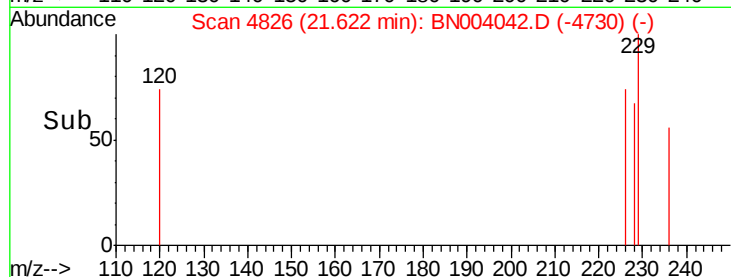
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#21

Benzo(b)fluoranthene

Concen: 0.269 ng/ul

RT: 23.24 min Scan# 5379

Delta R.T. 0.22 min

Lab File: BN004042.D

Acq: 17 Dec 2018 19:00

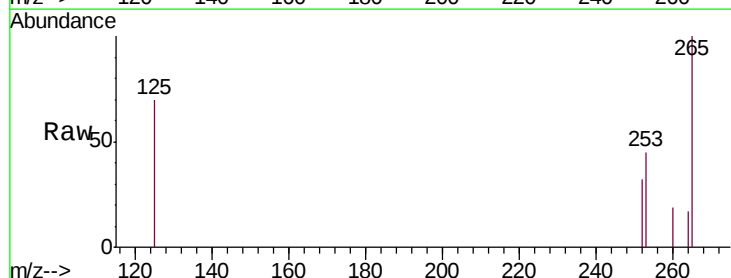
Tgt Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 139.1 0.0 46.0#

125 219.6 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

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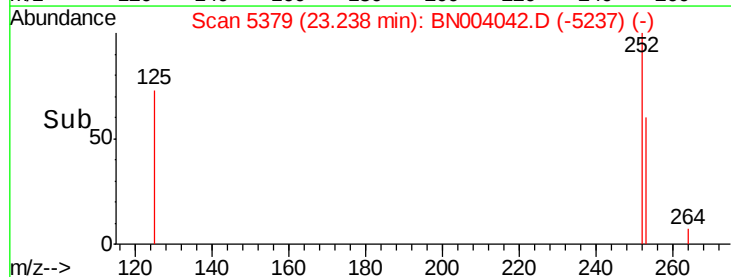
23.24

23.24

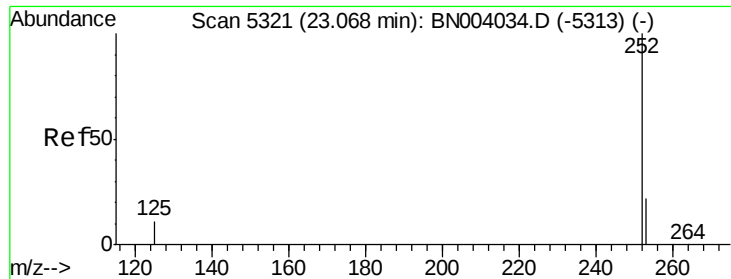
23.24

23.24

23.24



Time--> 23.23 23.24



#22

Benzo(k)fluoranthene

Concen: 0.221 ng/ul

RT: 23.28 min Scan# 5392

Delta R.T. 0.21 min

Lab File: BN004042.D

Acq: 17 Dec 2018 19:00

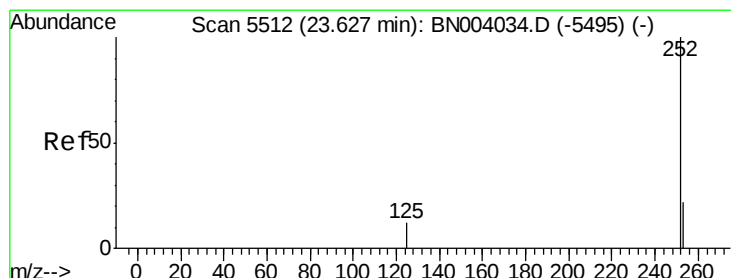
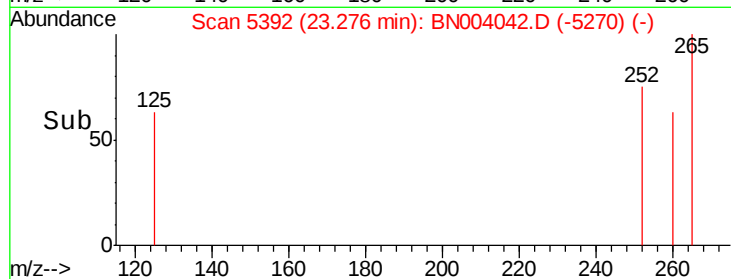
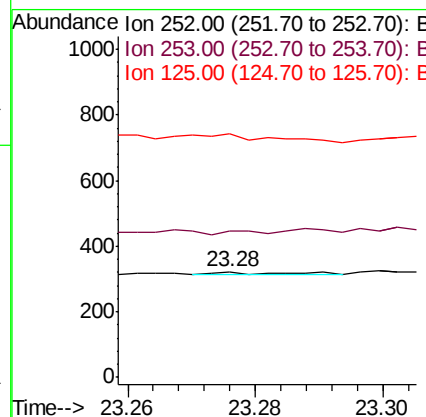
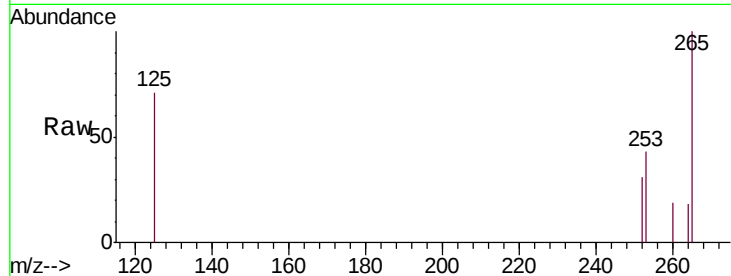
Instrument :

BNA_N

ClientSampleId :

F9F01

Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	138.5	18.5	27.7#
125	230.4	9.0	13.6#



#23

Benzo(a)pyrene

Concen: 5.956 ng/ul

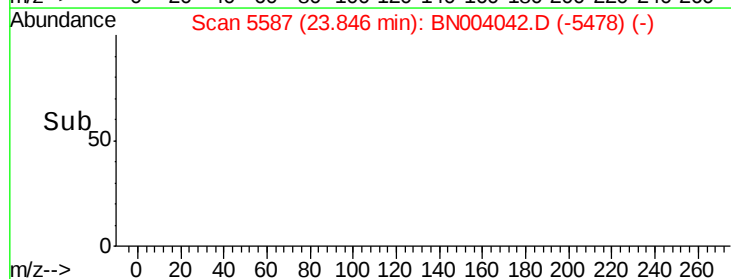
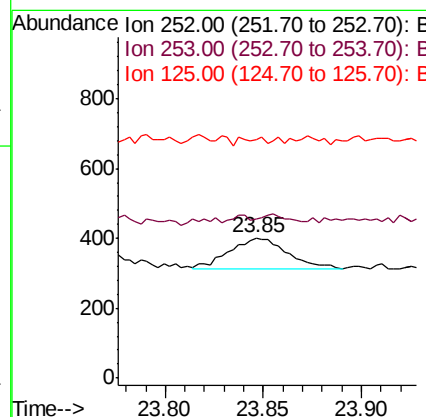
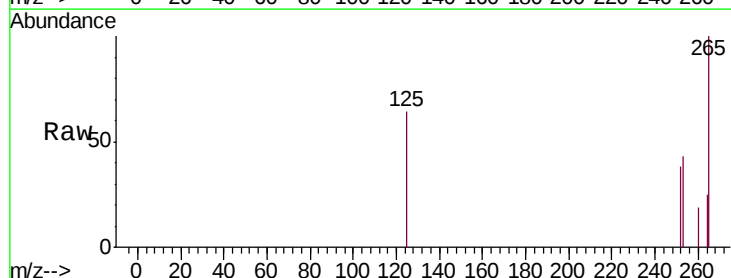
RT: 23.85 min Scan# 5587

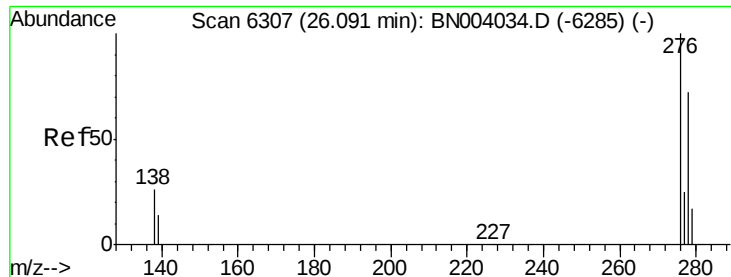
Delta R.T. 0.22 min

Lab File: BN004042.D

Acq: 17 Dec 2018 19:00

Tgt Ion:	252	Resp:	192
Ion	Ratio	Lower	Upper
252	100		
253	113.7	19.0	28.4#
125	169.7	10.2	15.4#



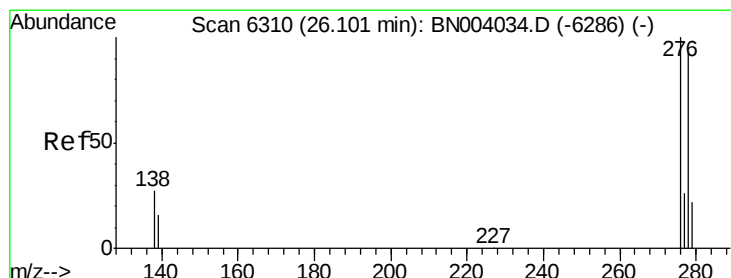
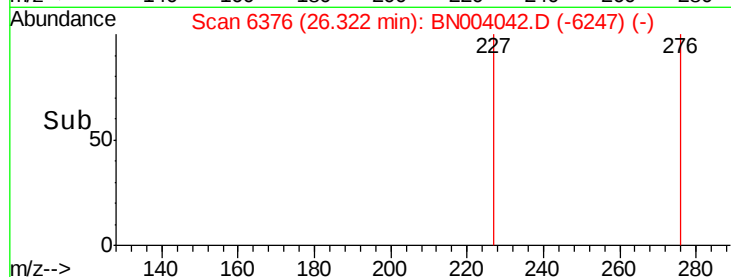
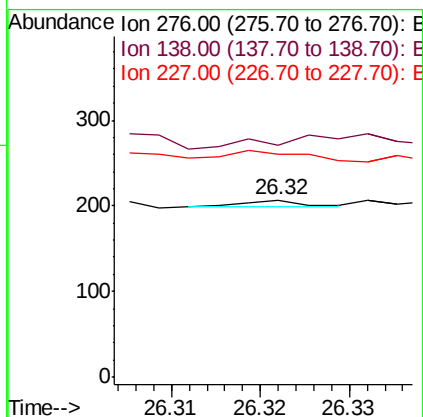
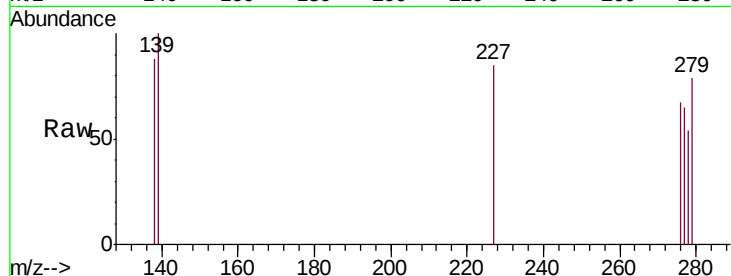


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. 0.23 min
Lab File: BN004042.D
Acq: 17 Dec 2018 19:00

Instrument :
BNA_N
ClientSampleId :
F9F01

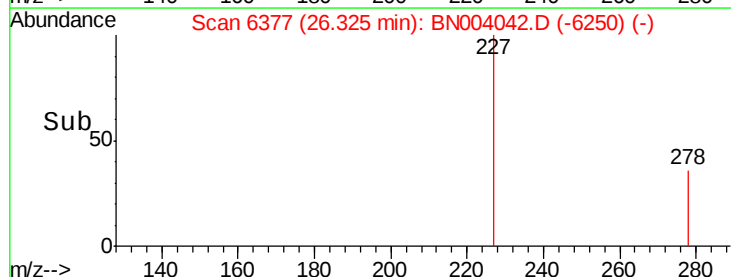
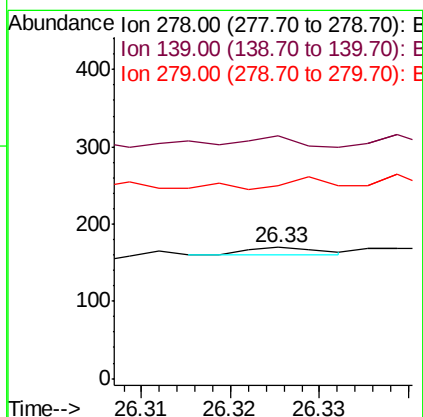
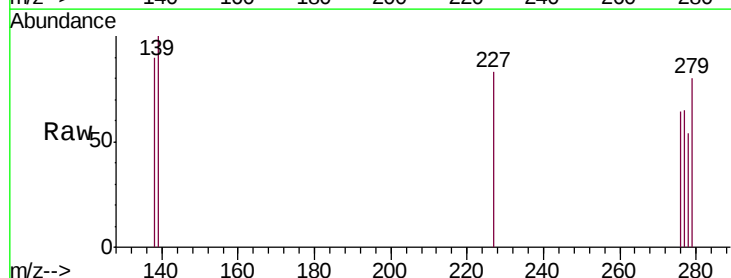
Tgt Ion: 276 Resp: 4
Ion Ratio Lower Upper
276 100
138 0.0 20.3 30.5#
227 475.0 0.2 0.2#

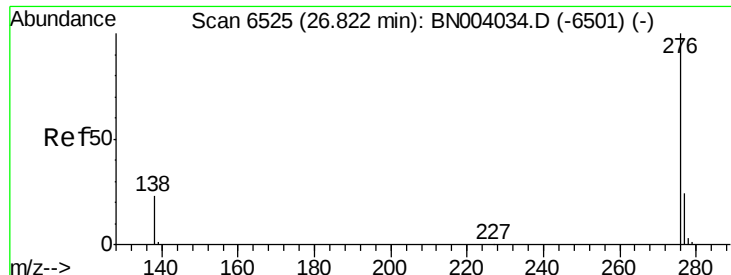


#25

Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 26.33 min Scan# 6377
Delta R.T. 0.22 min
Lab File: BN004042.D
Acq: 17 Dec 2018 19:00

Tgt Ion: 278 Resp: 5
Ion Ratio Lower Upper
278 100
139 184.7 14.2 21.4#
279 147.1 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.249 ng/ul

RT: 27.04 min Scan# 6590

Delta R.T. 0.22 min

Lab File: BN004042.D

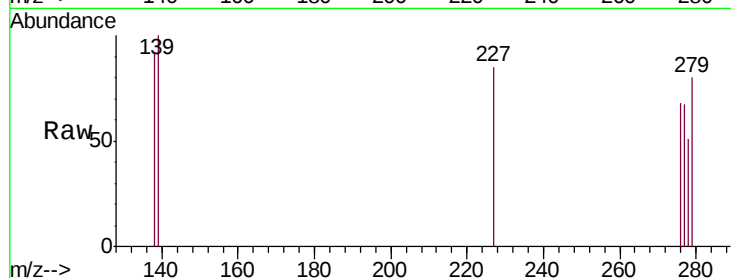
Acq: 17 Dec 2018 19:00

Instrument :

BNA_N

ClientSampleId :

F9F01



Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

138 135.4 17.7 26.5#

277 98.1 19.3 28.9#

