

Data File : BN003640.D
Acq On : 20 Nov 2018 20:19
Operator : MJ/SJ
Sample : J5928-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40X2

Quant Time: Nov 21 00:13:11 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 : Wed Nov 21 00:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5916	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	24853	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	14040	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	1245646	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	50	0.40	ng/ul	0.12
20) Perylene-d12	23.96	264	25	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	6207	0.16	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

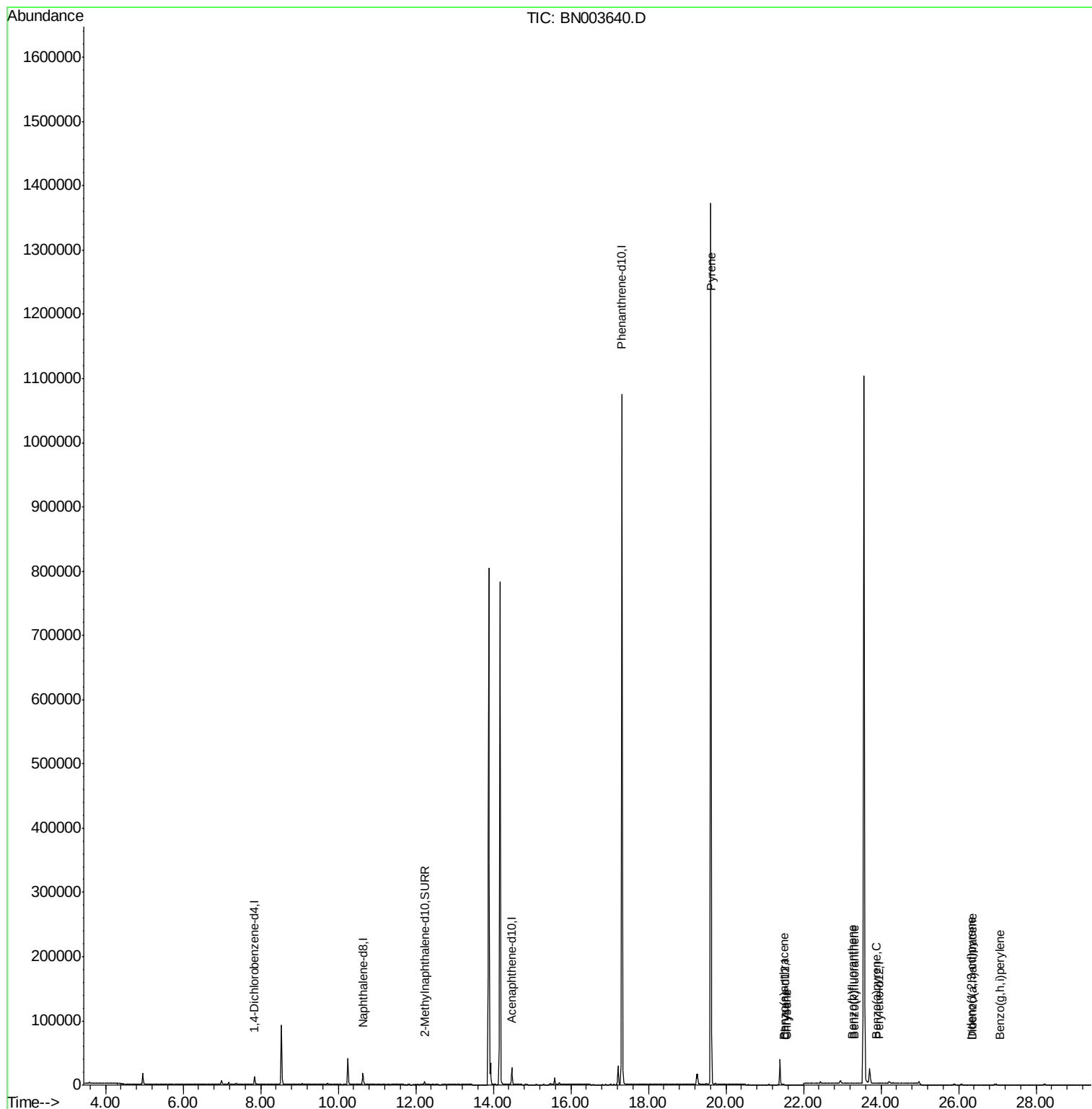
Target Compounds				Qvalue		
17) Pyrene	19.61	202	2553	14.236	ng/ul#	1
18) Benzo(a)anthracene	21.51	228	27	0.171	ng/ul#	1
19) Chrysene	21.56	228	28	0.155	ng/ul#	1
21) Benzo(b)fluoranthene	23.26	252	20	0.193	ng/ul#	1
22) Benzo(k)fluoranthene	23.31	252	10	0.099	ng/ul#	1
23) Benzo(a)pyrene	23.87	252	2	0.022	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.34	276	7	0.068	ng/ul#	1
25) Dibenzo(a,h)anthracene	26.34	278	7	0.085	ng/ul#	1
26) Benzo(g,h,i)perylene	27.07	276	4	0.045	ng/ul#	1

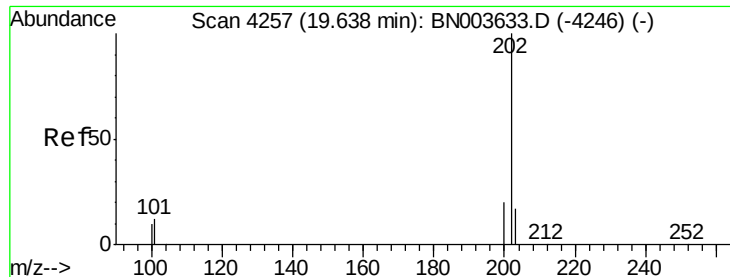
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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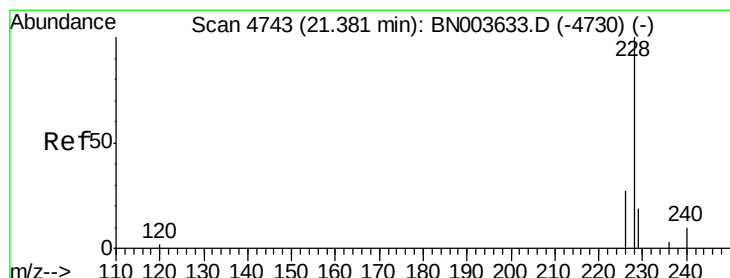
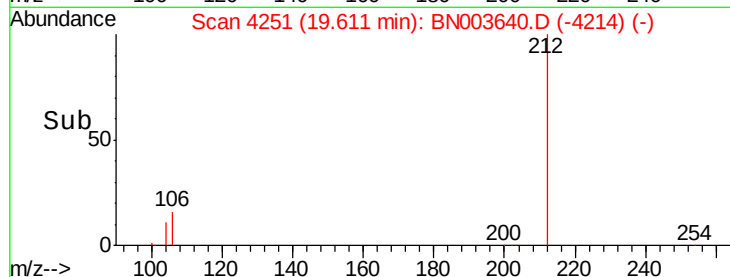
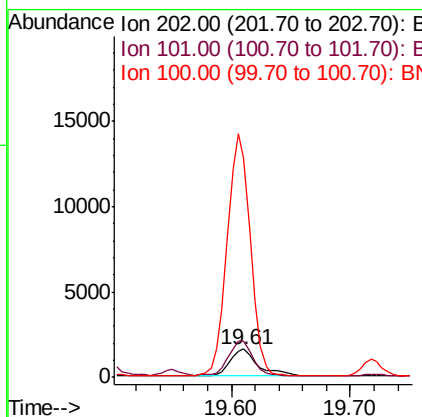
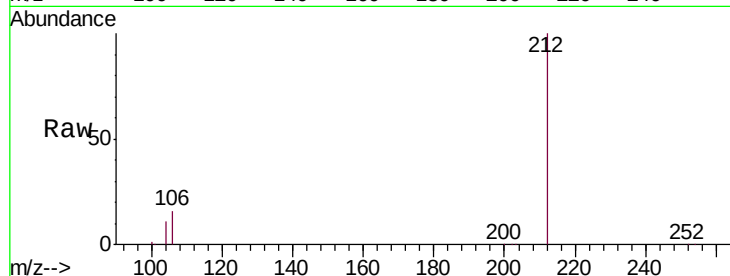




#17
 Pyrene
 Concen: 14.236 ng/ul
 RT: 19.61 min Scan# 4251
 Delta R.T. -0.03 min
 Lab File: BN003640.D
 Acq: 20 Nov 2018 20:19

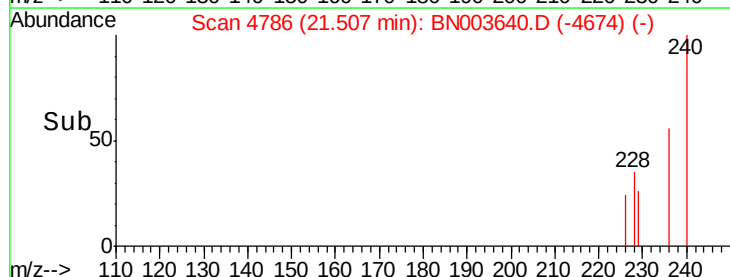
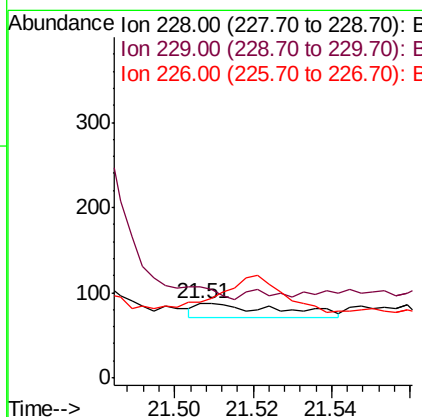
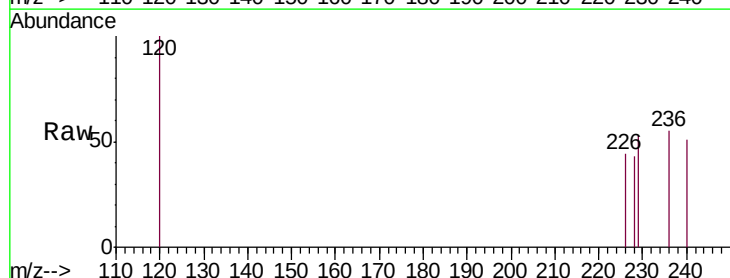
Instrument :
 BNA_N
 ClientSampleId :
 A40X2

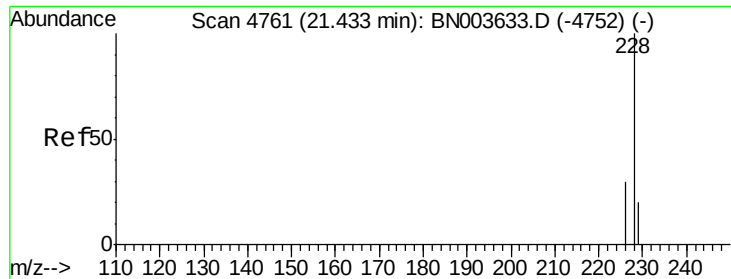
Tgt Ion:202 Resp: 2553
 Ion Ratio Lower Upper
 202 100
 101 128.2 10.3 15.5#
 100 777.9 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 0.171 ng/ul
 RT: 21.51 min Scan# 4786
 Delta R.T. 0.13 min
 Lab File: BN003640.D
 Acq: 20 Nov 2018 20:19

Tgt Ion:228 Resp: 27
 Ion Ratio Lower Upper
 228 100
 229 123.0 15.6 23.4#
 226 102.3 21.1 31.7#





#19

Chrysene

Concen: 0.155 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.13 min

Lab File: BN003640.D

Acq: 20 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

A40X2

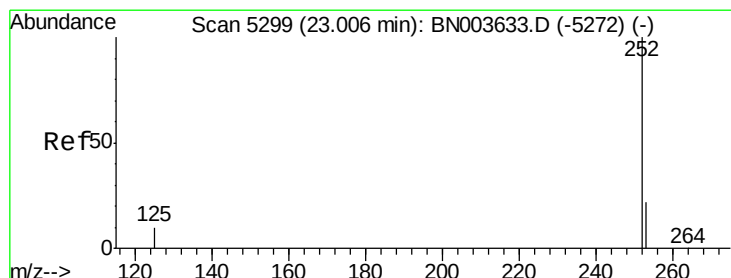
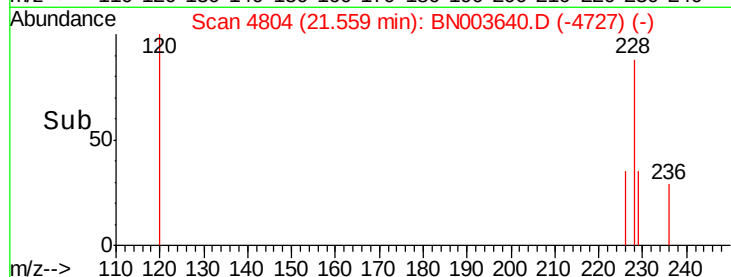
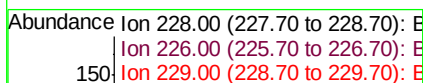
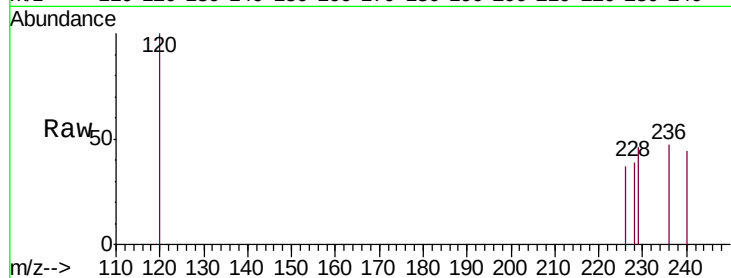
Tgt Ion:228 Resp: 28

Ion Ratio Lower Upper

228 100

226 93.0 24.0 36.0#

229 116.3 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.193 ng/ul

RT: 23.26 min Scan# 5386

Delta R.T. 0.25 min

Lab File: BN003640.D

Acq: 20 Nov 2018 20:19

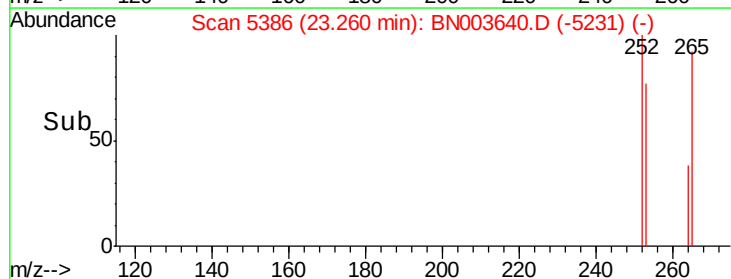
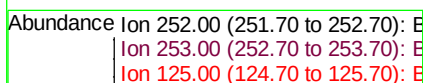
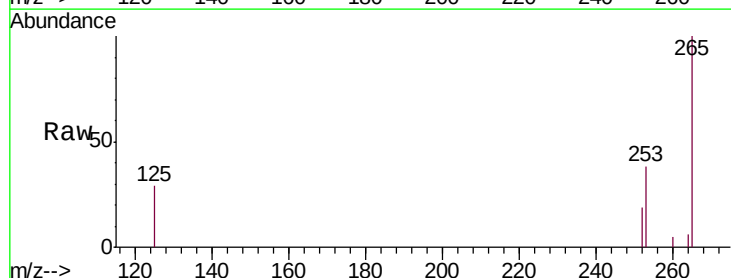
Tgt Ion:252 Resp: 20

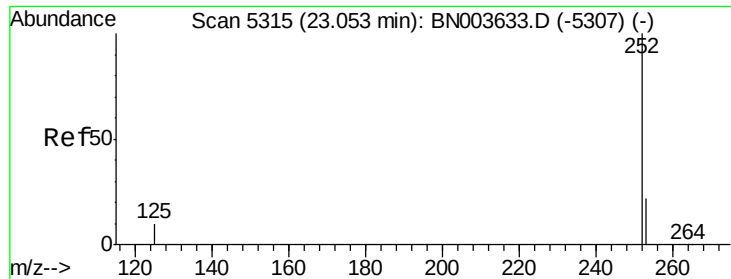
Ion Ratio Lower Upper

252 100

253 202.5 0.0 46.0#

125 157.8 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.099 ng/ul

RT: 23.31 min Scan# 5403

Delta R.T. 0.26 min

Lab File: BN003640.D

Acq: 20 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

A40X2

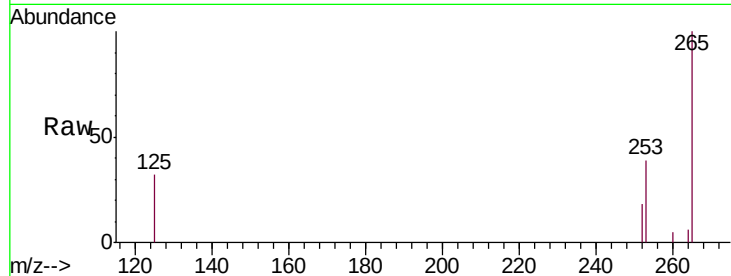
Tgt Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 212.6 18.5 27.7#

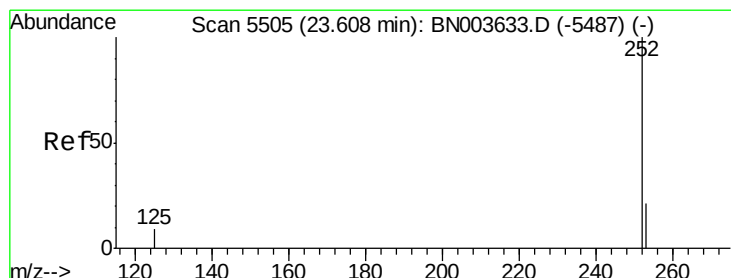
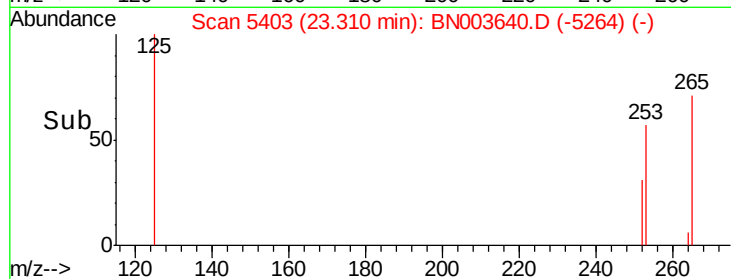
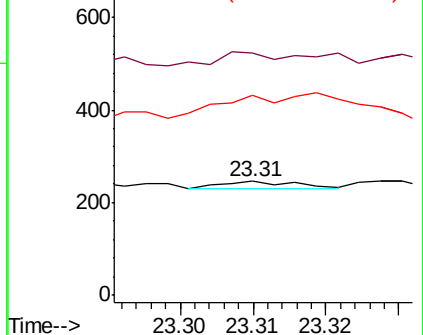
125 175.2 9.0 13.6#



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: 0.022 ng/ul

RT: 23.87 min Scan# 5595

Delta R.T. 0.26 min

Lab File: BN003640.D

Acq: 20 Nov 2018 20:19

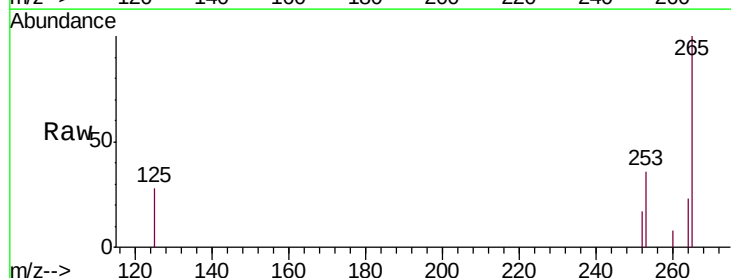
Tgt Ion:252 Resp: 2

Ion Ratio Lower Upper

252 100

253 209.4 19.0 28.4#

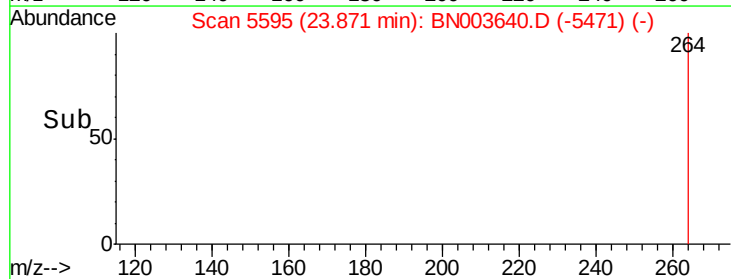
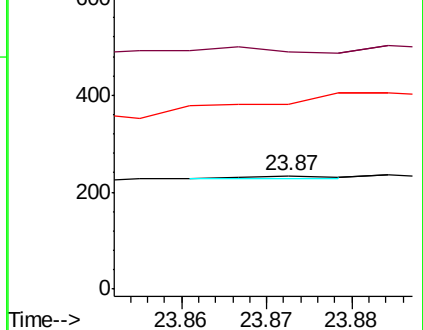
125 163.2 10.2 15.4#

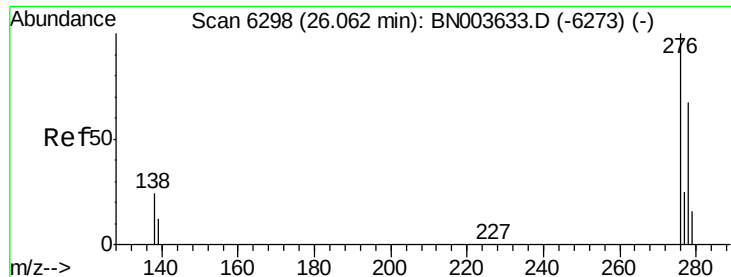


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.068 ng/ul

RT: 26.34 min Scan# 6380

Delta R.T. 0.28 min

Lab File: BN003640.D

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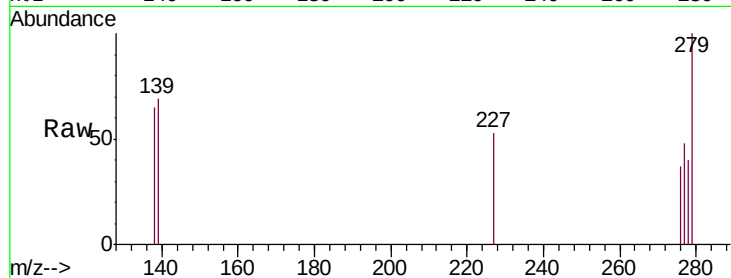
Tgt Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

138 85.7 20.3 30.5#

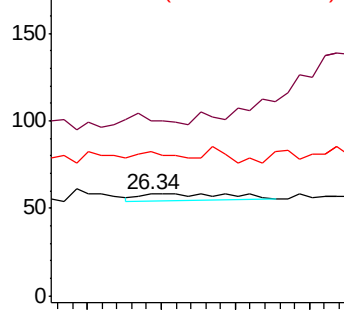
227 28.6 0.2 0.2#



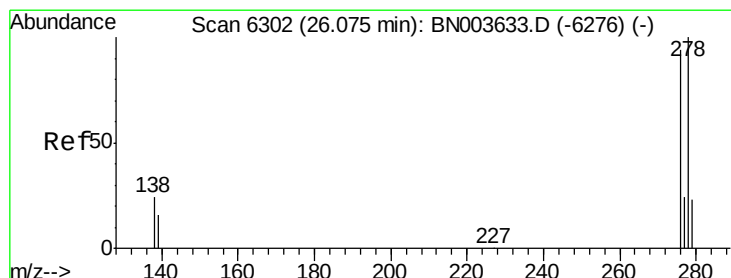
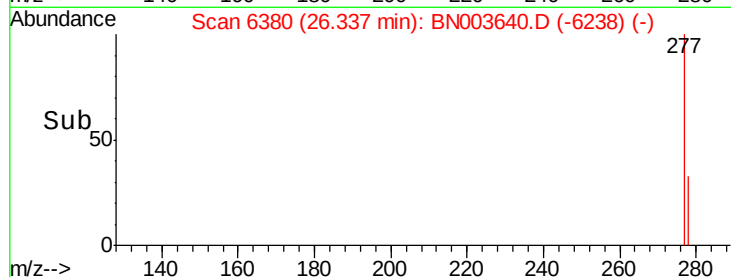
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#25

Dibenzo(a,h)anthracene

Concen: 0.085 ng/ul

RT: 26.34 min Scan# 6382

Delta R.T. 0.27 min

Lab File: BN003640.D

Acq: 20 Nov 2018 20:19

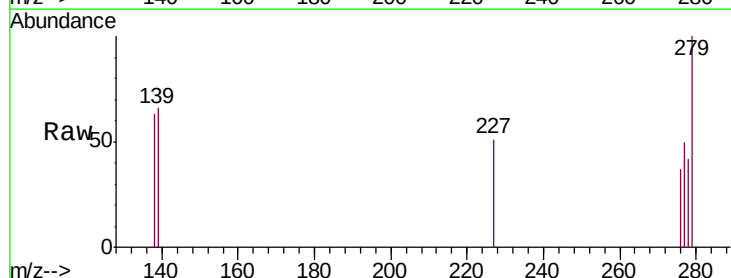
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

278 100

139 156.7 14.2 21.4#

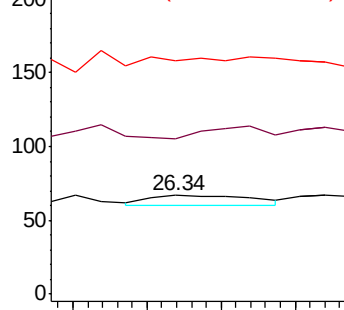
279 235.8 19.8 29.6#



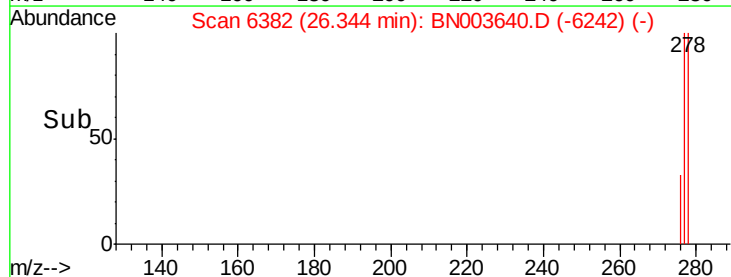
Abundance Ion 278.00 (277.70 to 278.70): E

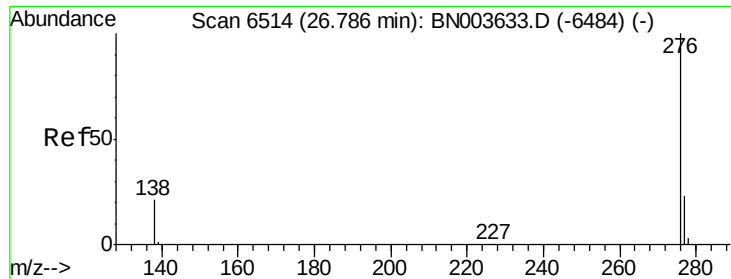
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.045 ng/ul

RT: 27.07 min Scan# 6599

Delta R.T. 0.29 min

Lab File: BN003640.D

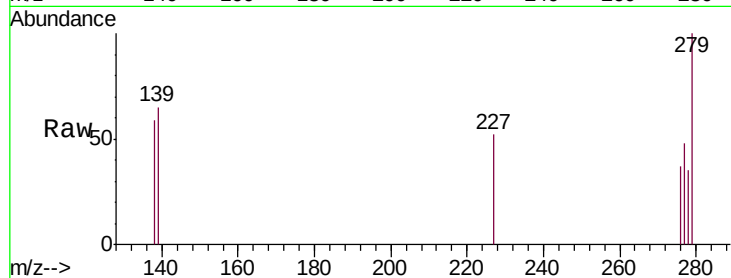
Acq: 20 Nov 2018 20:19

Instrument :

BNA_N

ClientSampleId :

A40X2



Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
138	159.0	17.7	26.5#
277	129.5	19.3	28.9#

