

Data File : BN003999.D
Acq On : 16 Dec 2018 17:33
Operator : JU/SJ
Sample : J6229-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E82

Quant Time: Dec 17 04:10:38 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1934	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9624	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5749	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	649300	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	13	0.40	ng/ul	0.11
20) Perylene-d12	23.97	264	31	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3125	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

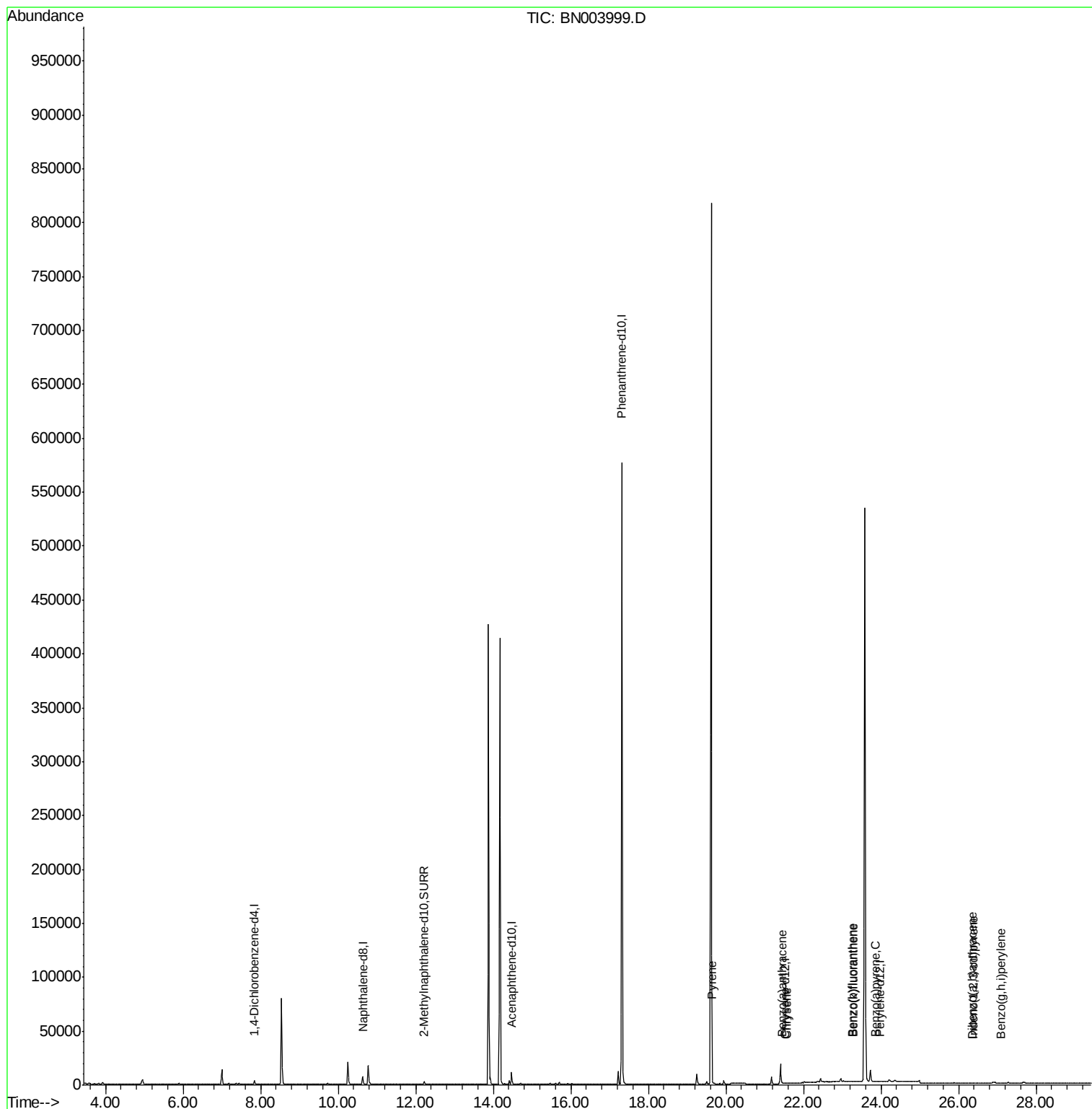
Target Compounds				Qvalue		
17) Pyrene	19.64	202	1617	34.680	ng/ul#	81
18) Benzo(a)anthracene	21.44	228	1244	30.297	ng/ul#	62
19) Chrysene	21.56	228	149	3.171	ng/ul#	1
21) Benzo(b)fluoranthene	23.26	252	12	0.094	ng/ul#	1
22) Benzo(k)fluoranthene	23.29	252	6	0.048	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	472	4.251	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.37	276	33	0.259	ng/ul#	1
25) Dibenzo(a,h)anthracene	26.36	278	59	0.576	ng/ul#	1
26) Benzo(g,h,i)perylene	27.10	276	5	0.045	ng/ul#	1

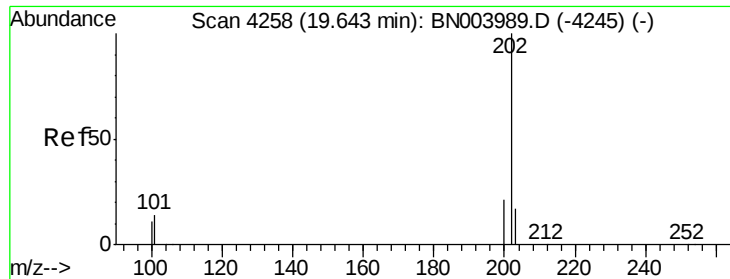
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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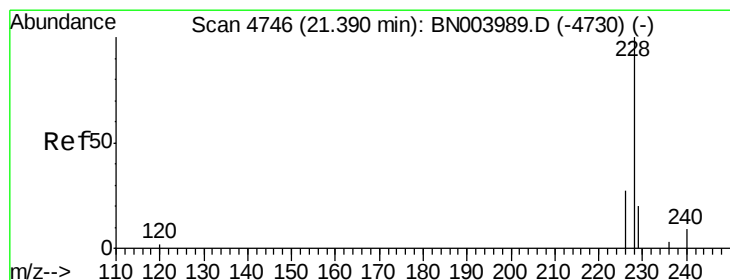
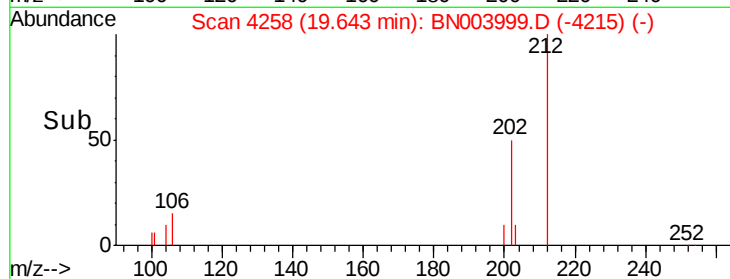
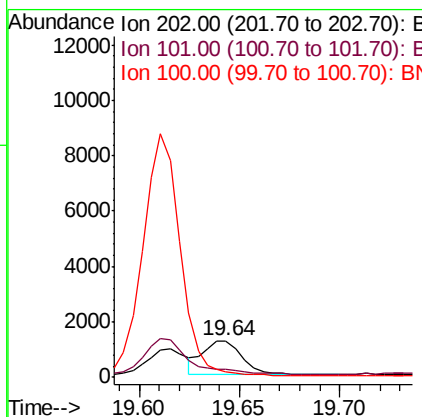
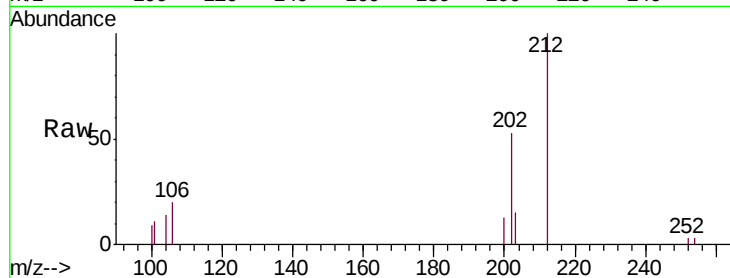




#17
 Pyrene
 Concen: 34.680 ng/ul
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.00 min
 Lab File: BN003999.D
 Acq: 16 Dec 2018 17:33

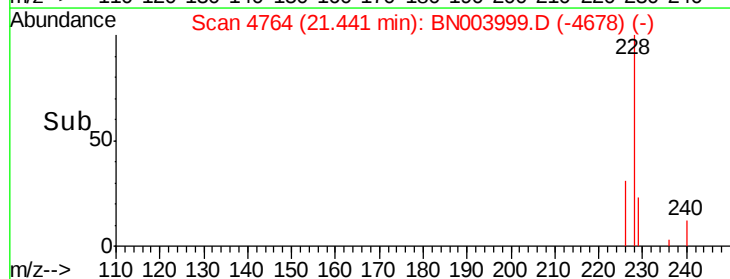
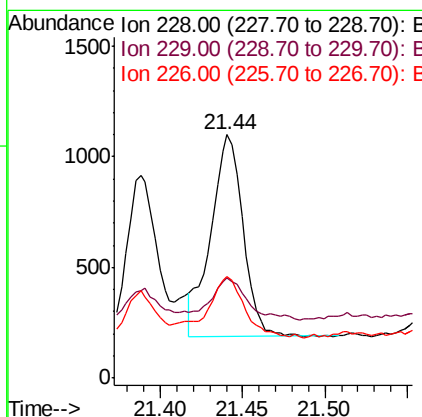
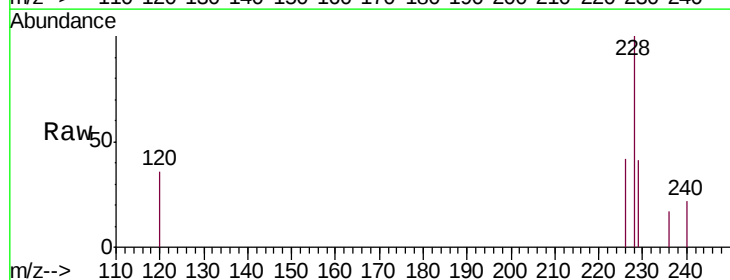
Instrument :
 BNA_N
 ClientSampleId :
 F9E82

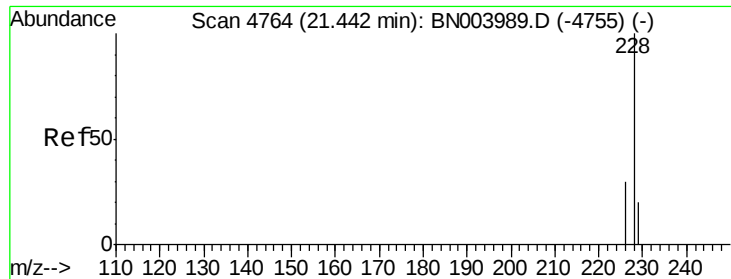
Tgt Ion:202 Resp: 1617
 Ion Ratio Lower Upper
 202 100
 101 21.5 10.3 15.5#
 100 16.6 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 30.297 ng/ul
 RT: 21.44 min Scan# 4764
 Delta R.T. 0.05 min
 Lab File: BN003999.D
 Acq: 16 Dec 2018 17:33

Tgt Ion:228 Resp: 1244
 Ion Ratio Lower Upper
 228 100
 229 41.2 15.6 23.4#
 226 41.8 21.1 31.7#





#19

Chrysene

Concen: 3.171 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.12 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

Instrument :

BNA_N

ClientSampleId :

F9E82

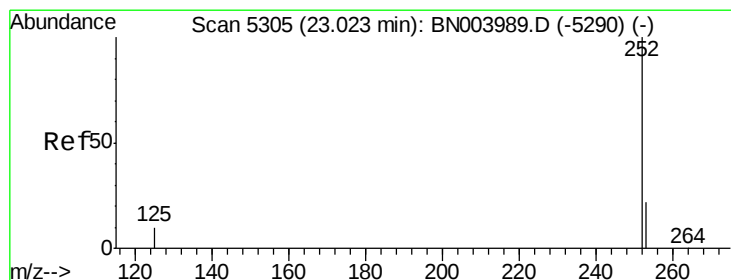
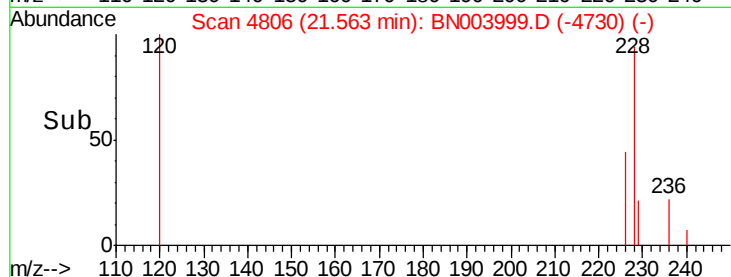
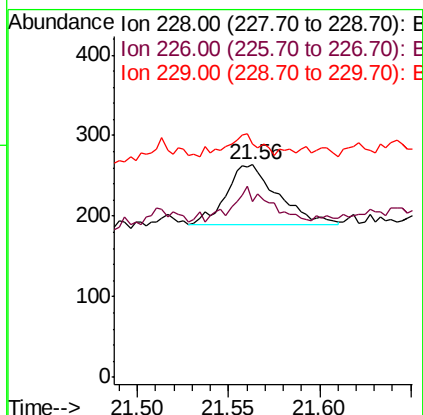
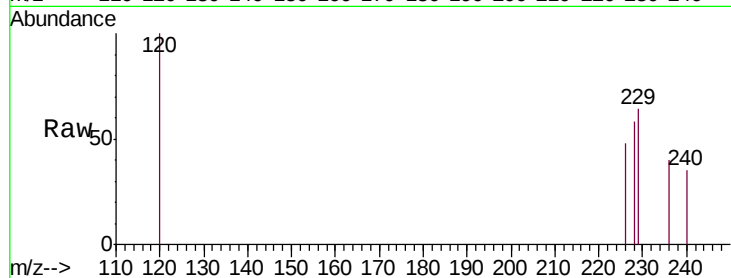
Tgt Ion:228 Resp: 149

Ion Ratio Lower Upper

228 100

226 82.6 24.0 36.0#

229 109.5 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.094 ng/ul

RT: 23.26 min Scan# 5385

Delta R.T. 0.23 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

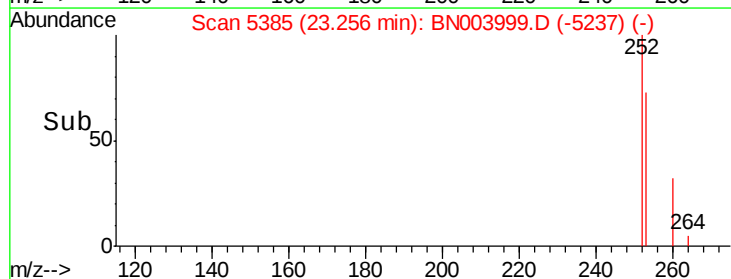
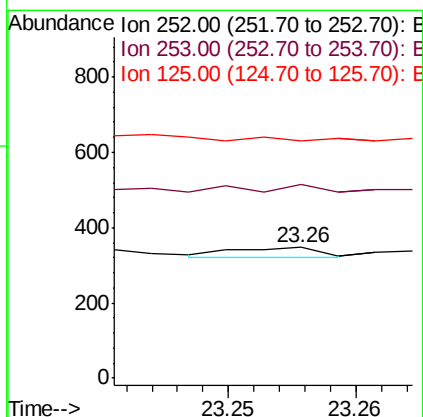
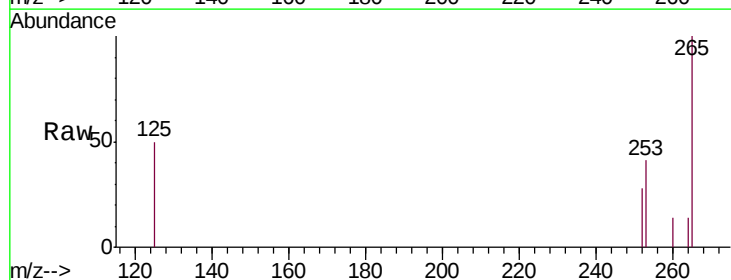
Tgt Ion:252 Resp: 12

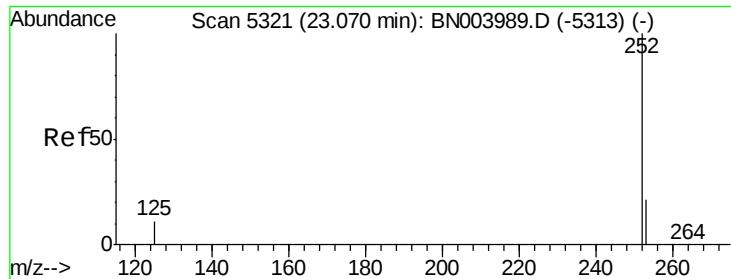
Ion Ratio Lower Upper

252 100

253 148.1 0.0 46.0#

125 181.3 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.048 ng/ul

RT: 23.29 min Scan# 5396

Delta R.T. 0.22 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

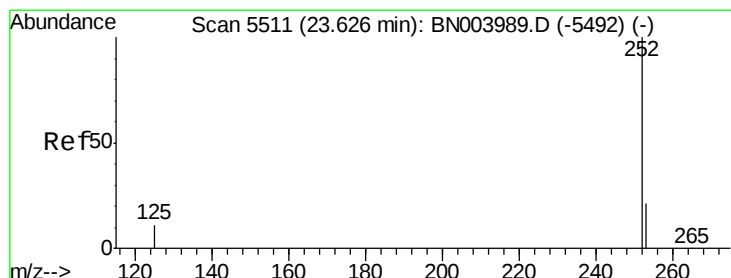
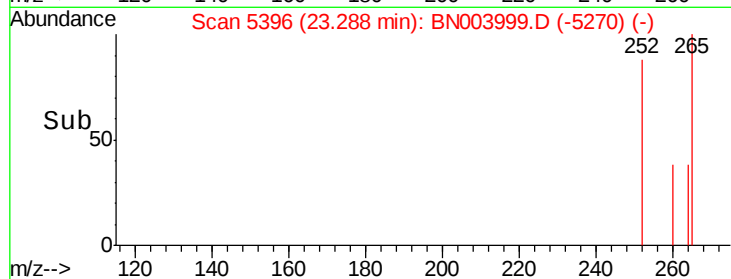
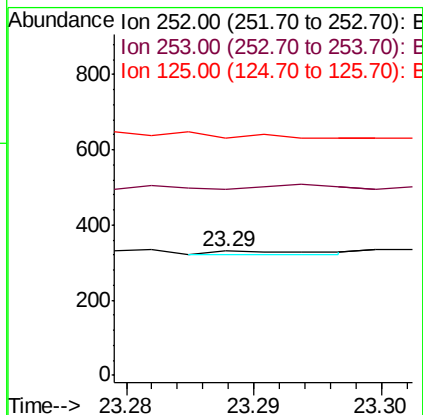
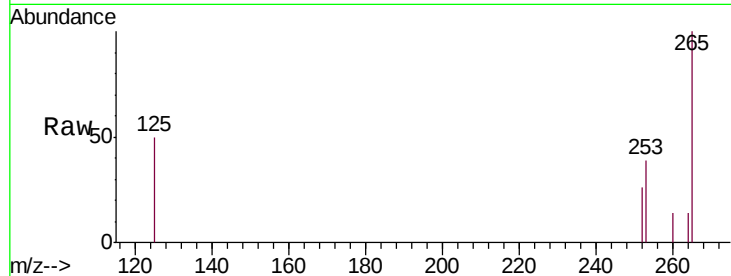
Instrument :

BNA_N

ClientSampleId :

F9E82

Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	149.8	18.5	27.7#
125	190.3	9.0	13.6#



#23

Benzo(a)pyrene

Concen: 4.251 ng/ul

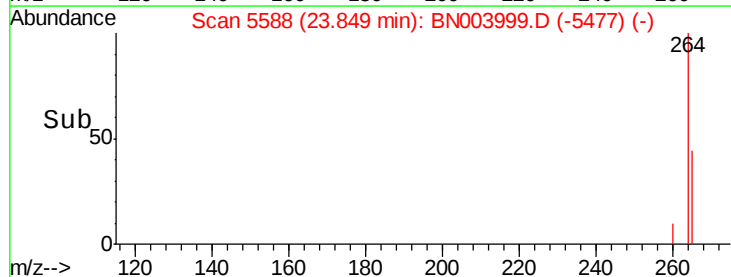
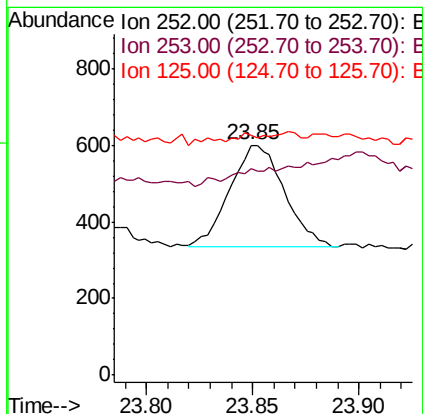
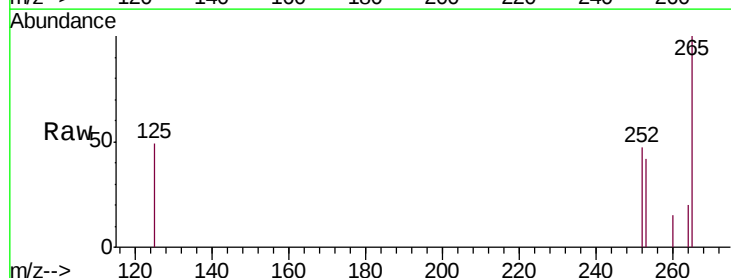
RT: 23.85 min Scan# 5588

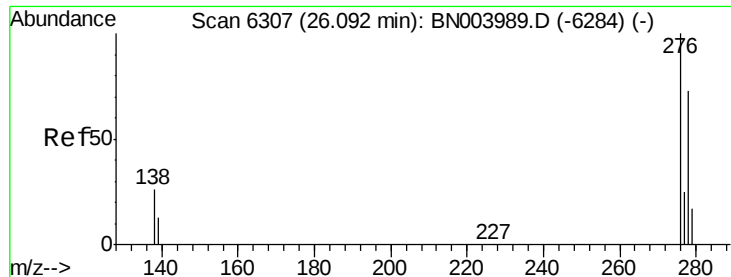
Delta R.T. 0.22 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

Tgt Ion:	252	Resp:	472
Ion	Ratio	Lower	Upper
252	100		
253	90.0	19.0	28.4#
125	104.5	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

RT: 26.37 min Scan# 6390

Delta R.T. 0.28 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

Instrument :

BNA_N

ClientSampleId :

F9E82

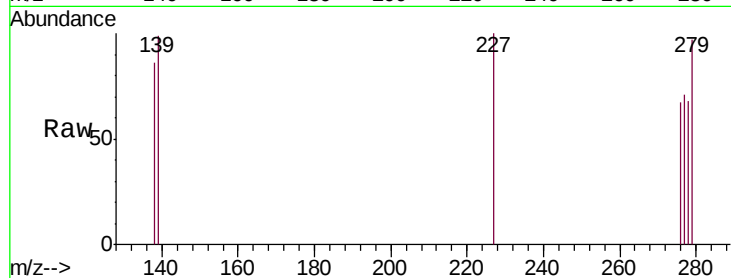
Tgt Ion: 276 Resp: 33

Ion Ratio Lower Upper

276 100

138 121.2 20.3 30.5#

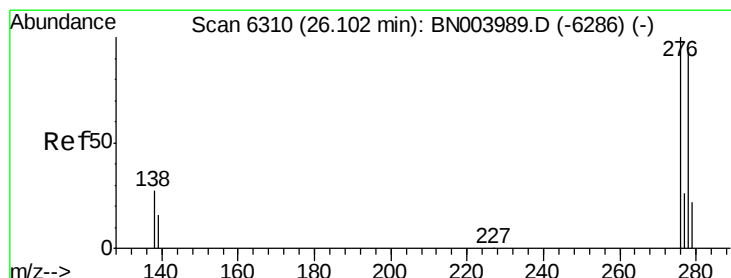
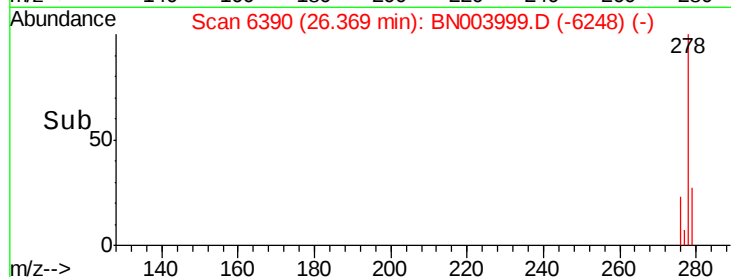
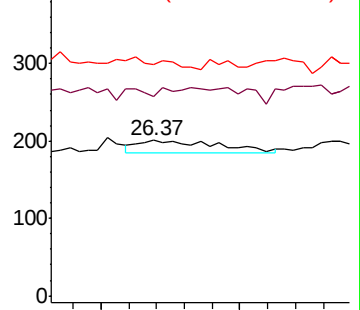
227 0.0 0.2 0.2#



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: 0.576 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN003999.D

Acq: 16 Dec 2018 17:33

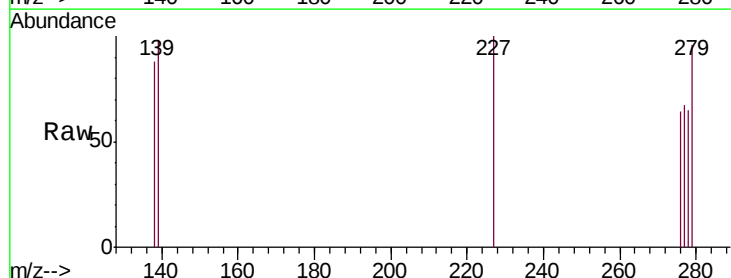
Tgt Ion: 278 Resp: 59

Ion Ratio Lower Upper

278 100

139 150.3 14.2 21.4#

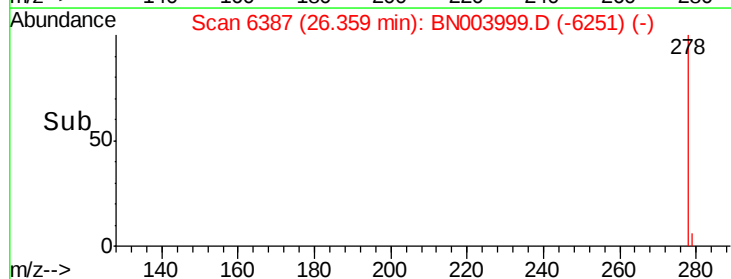
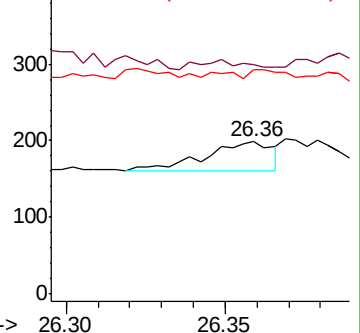
279 147.2 19.8 29.6#

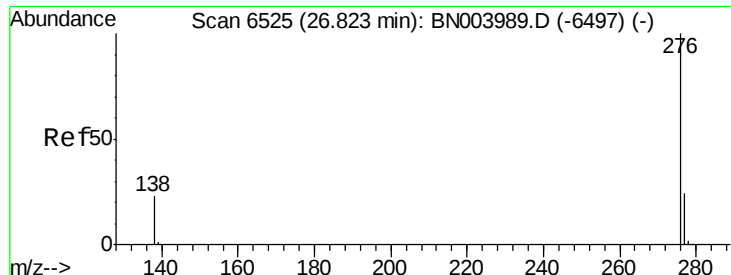


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.045 ng/ul

RT: 27.10 min Scan# 6607

Delta R.T. 0.27 min

Lab File: BN003999.D

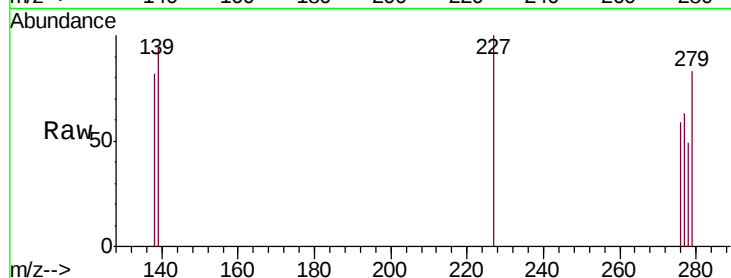
Acq: 16 Dec 2018 17:33

Instrument :

BNA_N

ClientSampleId :

F9E82



Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
138	139.4	17.7	26.5#
277	106.1	19.3	28.9#

