

Data File : BN003668.D
Acq On : 01 Dec 2018 19:56
Operator : JU/SJ
Sample : J6096-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4162

Quant Time: Dec 03 02:02:53 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 03 02:00:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5554	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	22721	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	13198	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	2268758	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	47	0.40	ng/ul	0.13
20) Perylene-d12	24.00	264	65	0.40	ng/ul	0.29

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	12921	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

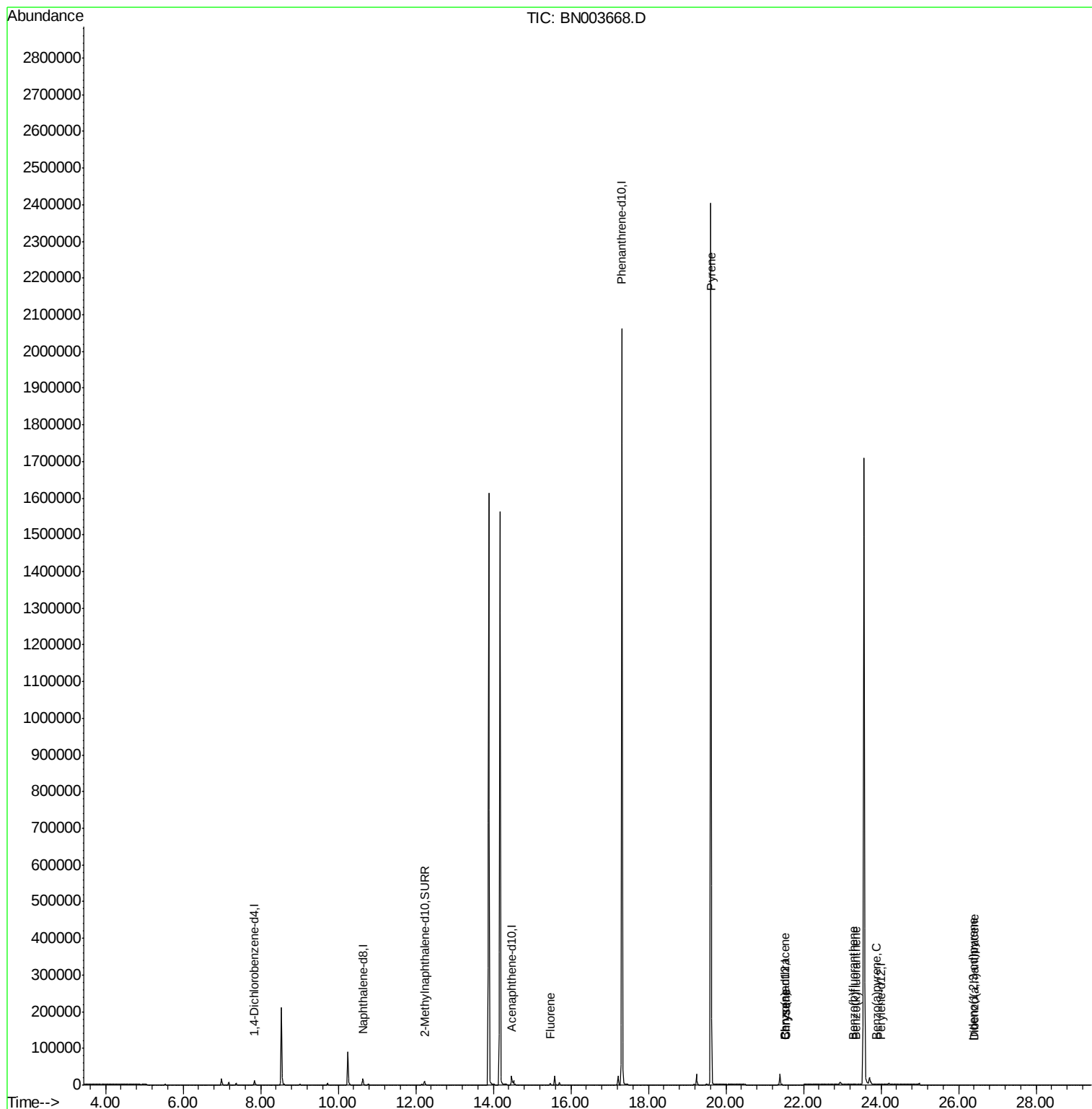
Target Compounds				Qvalue		
9) Fluorene	15.47	166	4338	0.071	ng/ul#	13
17) Pyrene	19.61	202	4448	26.387	ng/ul#	1
18) Benzo(a)anthracene	21.50	228	31	0.209	ng/ul#	1
19) Chrysene	21.54	228	37	0.218	ng/ul#	1
21) Benzo(b)fluoranthene	23.28	252	9	0.033	ng/ul#	1
22) Benzo(k)fluoranthene	23.34	252	19	0.073	ng/ul#	1
23) Benzo(a)pyrene	23.89	252	10	0.043	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.37	276	6	0.022	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.40	278	8	0.037	ng/ul#	1

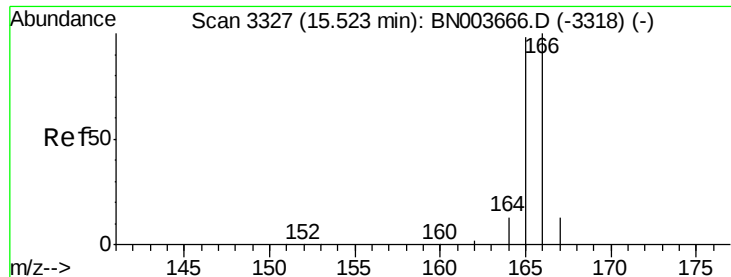
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.47 min Scan# 3315

Delta R.T. -0.06 min

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Instrument :

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ClientSampleId :

A4162

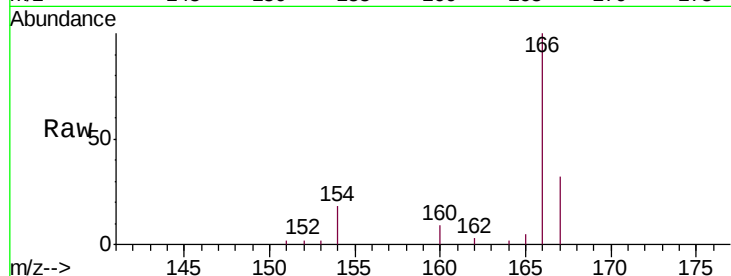
Tgt Ion:166 Resp: 4338

Ion Ratio Lower Upper

166 100

165 5.1 78.3 117.5#

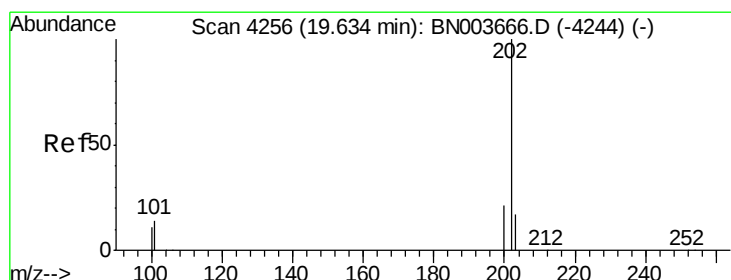
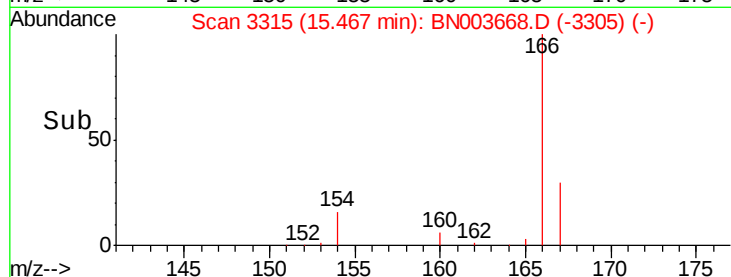
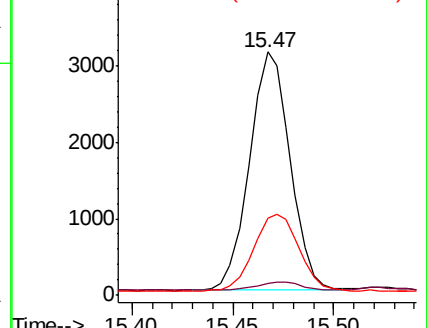
167 31.6 11.3 16.9#



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: 26.387 ng/ul

RT: 19.61 min Scan# 4251

Delta R.T. -0.02 min

Lab File: BN003668.D

Acq: 01 Dec 2018 19:56

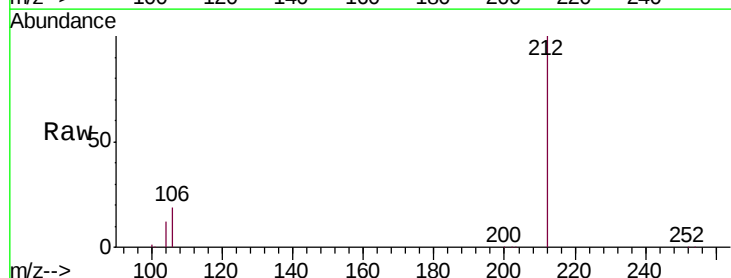
Tgt Ion:202 Resp: 4448

Ion Ratio Lower Upper

202 100

101 133.4 10.3 15.5#

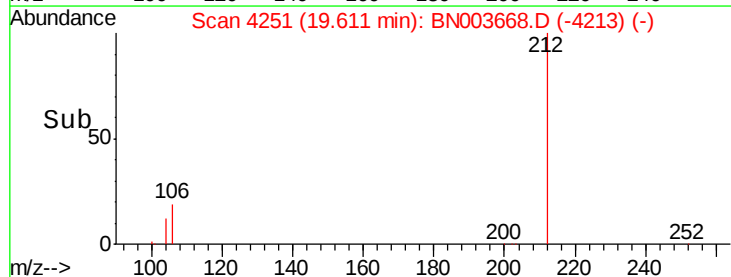
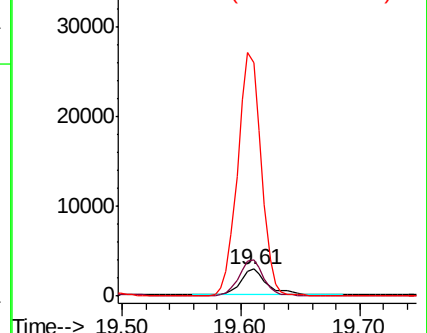
100 864.3 8.5 12.7#

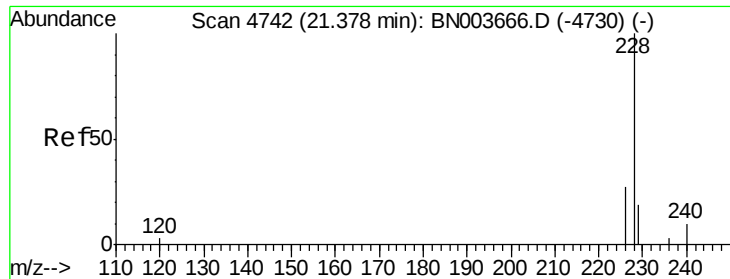


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.209 ng/ul

RT: 21.50 min Scan# 4785

Delta R.T. 0.13 min

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A4162

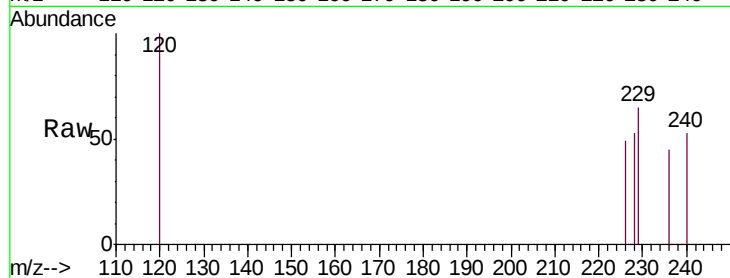
Tgt Ion:228 Resp: 31

Ion Ratio Lower Upper

228 100

229 123.6 15.6 23.4#

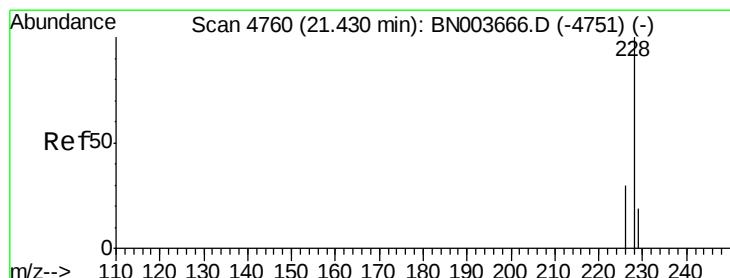
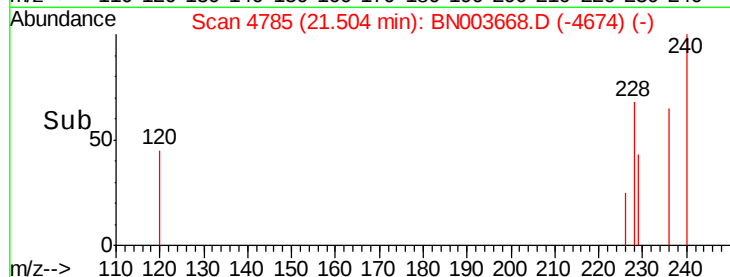
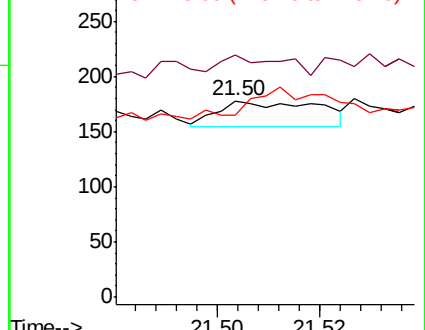
226 92.7 21.1 31.7#



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



#19

Chrysene

Concen: 0.218 ng/ul

RT: 21.54 min Scan# 4798

Delta R.T. 0.11 min

Lab File: BN003668.D

Acq: 01 Dec 2018 19:56

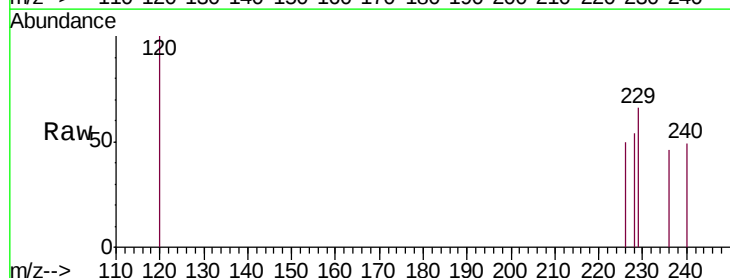
Tgt Ion:228 Resp: 37

Ion Ratio Lower Upper

228 100

226 92.9 24.0 36.0#

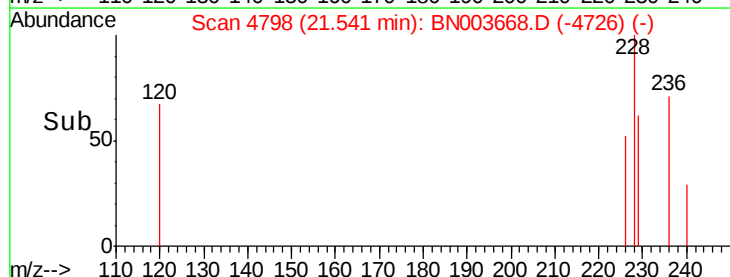
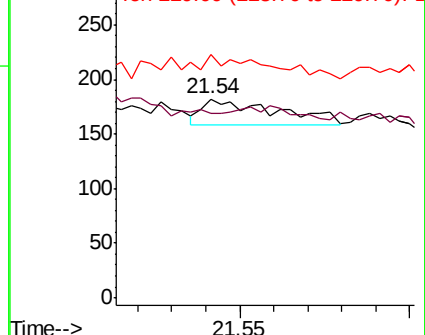
229 122.5 15.7 23.5#

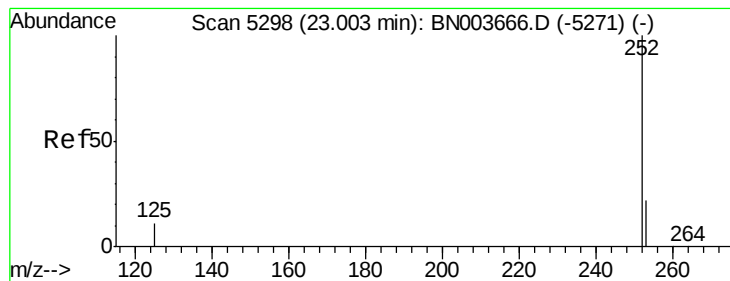


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.033 ng/u1

RT: 23.28 min Scan# 5393

Delta R.T. 0.28 min

Lab File: BN003668.D

Acq: 01 Dec 2018 19:56

Instrument :

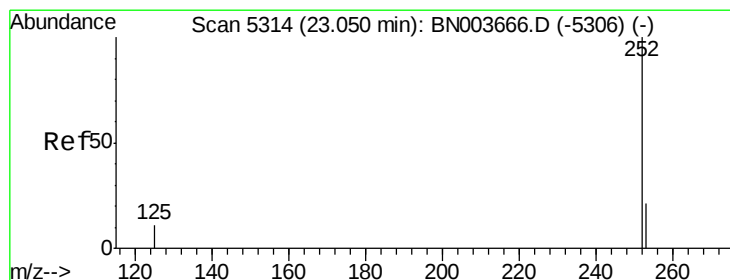
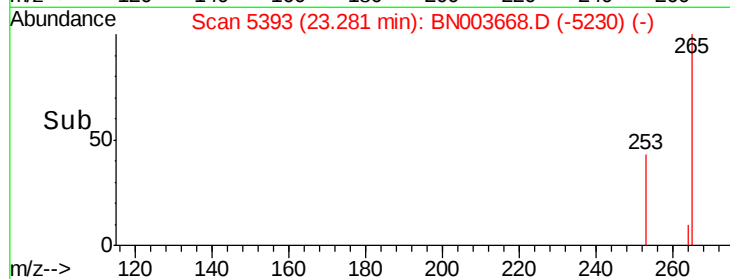
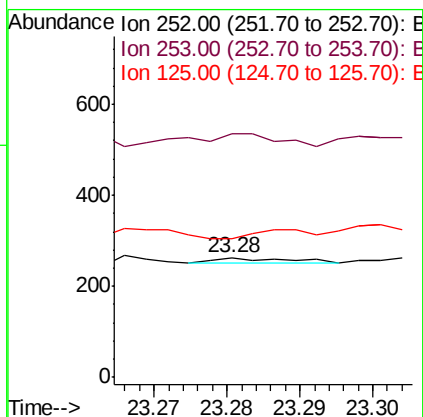
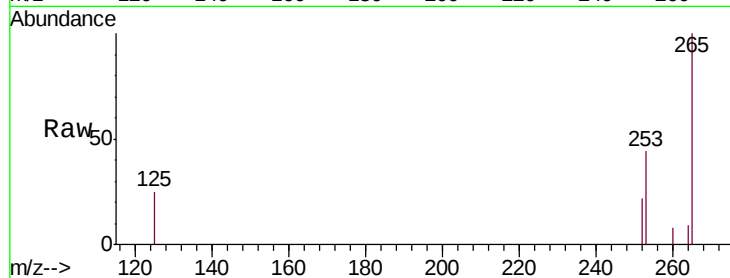
BNA_N

ClientSampleId :

A4162

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	203.4	0.0	46.0#
125	115.6	0.0	22.4#



#22

Benzo(k)fluoranthene

Concen: 0.073 ng/u1

RT: 23.34 min Scan# 5415

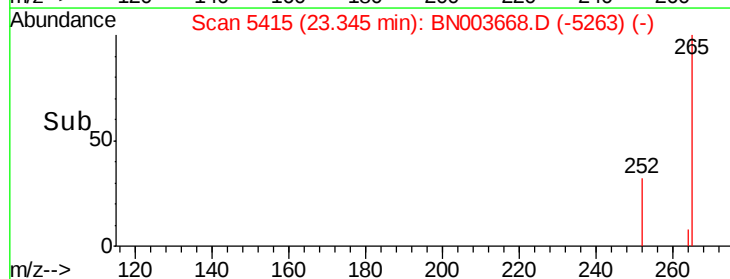
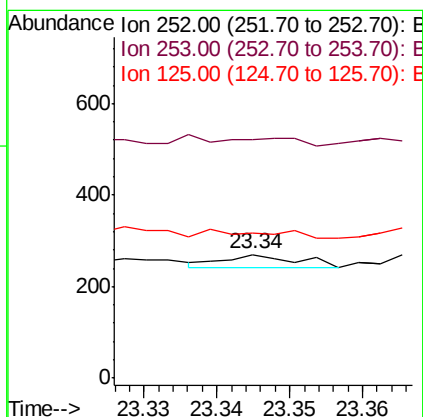
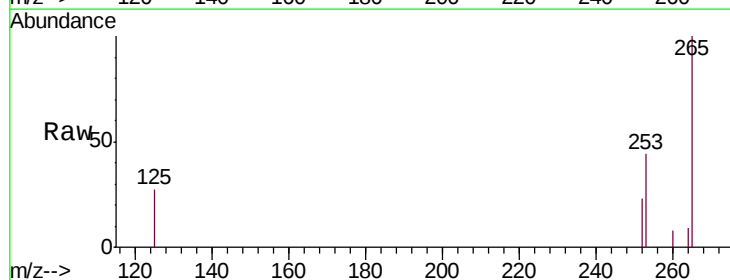
Delta R.T. 0.30 min

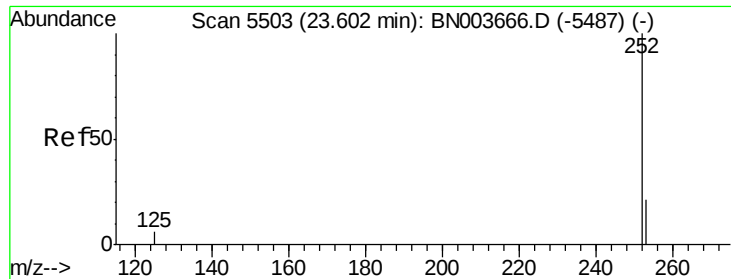
Lab File: BN003668.D

Acq: 01 Dec 2018 19:56

Tgt Ion:252 Resp: 19

Ion	Ratio	Lower	Upper
252	100		
253	193.3	18.5	27.7#
125	117.0	9.0	13.6#





#23

Benzo(a)pyrene

Concen: 0.043 ng/u1

RT: 23.89 min Scan# 5602

Delta R.T. 0.29 min

Lab File: BN003668.D

Acq: 01 Dec 2018 19:56

Instrument :

BNA_N

ClientSampleId :

A4162

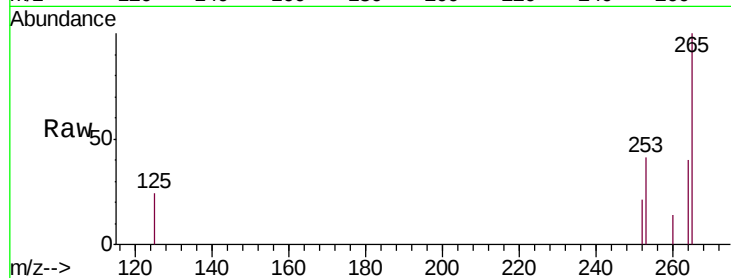
Tgt Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 198.8 19.0 28.4#

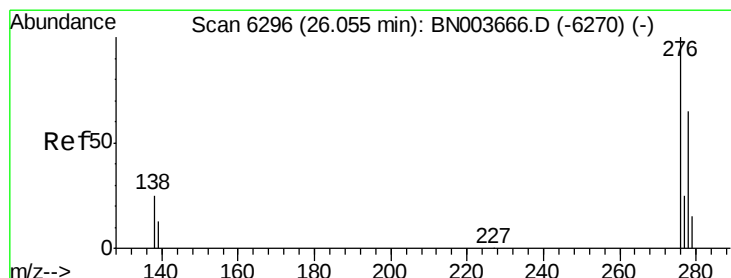
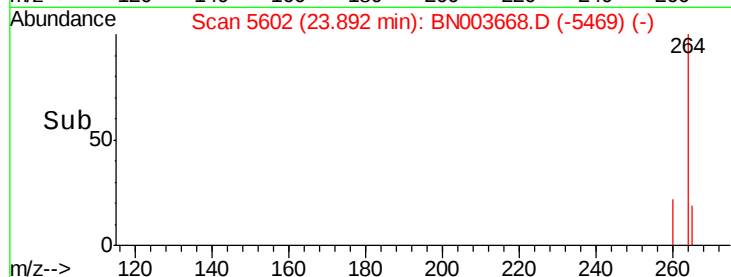
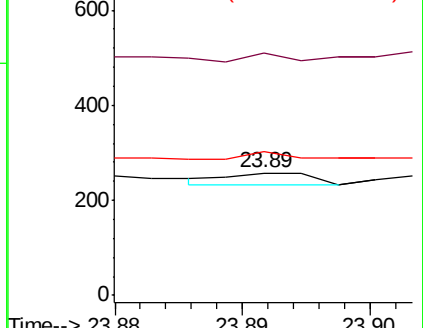
125 117.9 10.2 15.4#



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: 0.022 ng/u1

RT: 26.37 min Scan# 6391

Delta R.T. 0.32 min

Lab File: BN003668.D

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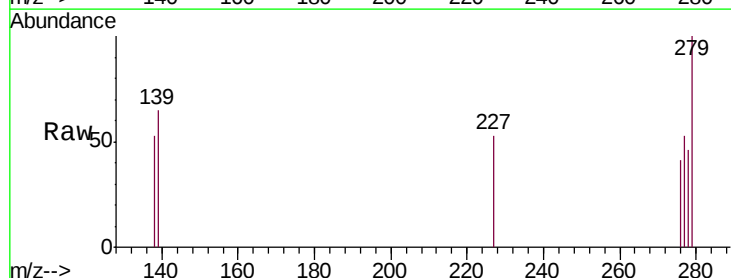
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 16.7 20.3 30.5#

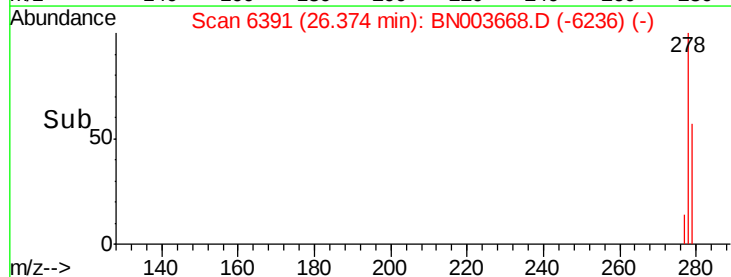
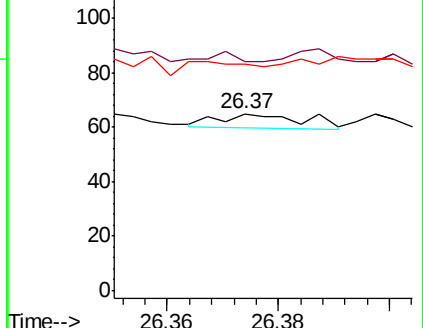
227 66.7 0.2 0.2#

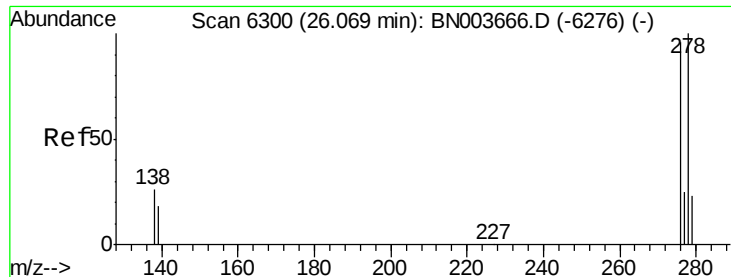


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul

RT: 26.40 min Scan# 6398

Delta R.T. 0.33 min

Lab File: BN003668.D

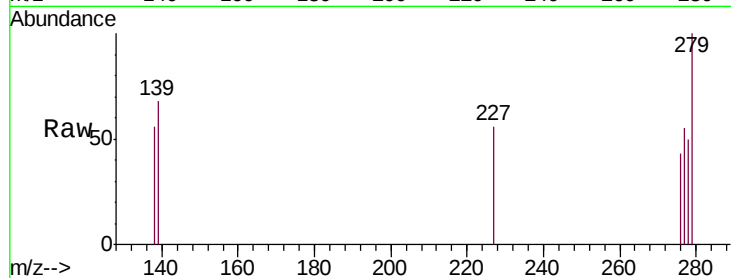
Acq: 01 Dec 2018 19:56

Instrument :

BNA_N

ClientSampleId :

A4162



Tgt Ion: 278 Resp: 8

Ion Ratio Lower Upper

278 100

139 136.0 14.2 21.4#

279 201.3 19.8 29.6#

