

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051519\
 Data File : BN005700.D
 Acq On : 15 May 2019 19:13
 Operator : JU/SJ
 Sample : K2692-21DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 15 22:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

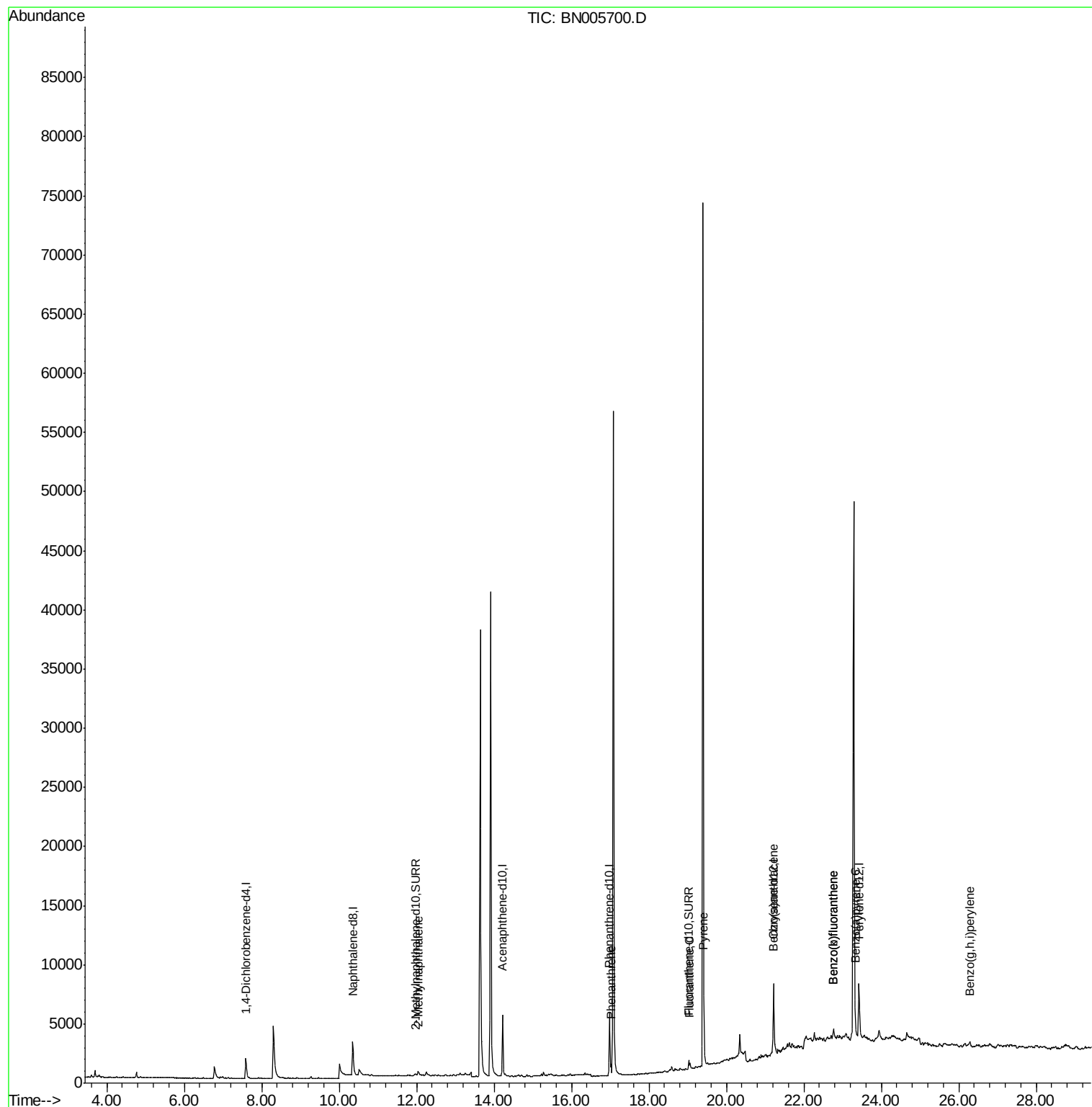
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	4786	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	3026	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7383	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6103	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5741	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	310	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	959	0.04	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.04	142	450	0.052	ng/ul	97
12) Phenanthrene	17.02	178	1019	0.051	ng/ul#	82
15) Fluoranthene	19.06	202	596	0.021	ng/ul	69
17) Pyrene	19.42	202	1081	0.048	ng/ul#	79
18) Benzo(a)anthracene	21.20	228	540	0.026	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	598	0.035	ng/ul#	1
22) Benzo(k)fluoranthene	22.77	252	598	0.028	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	530	0.027	ng/ul#	1
26) Benzo(g,h,i)perylene	26.29	276	617	0.034	ng/ul#	1

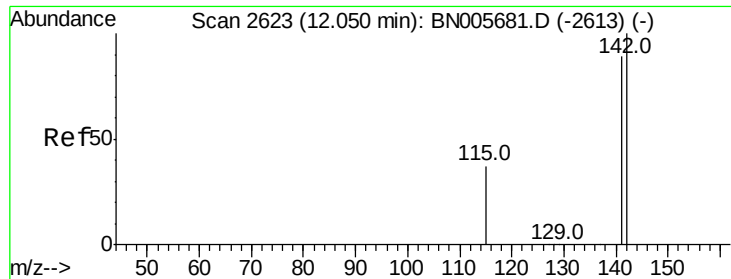
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051519\
Data File : BN005700.D
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Sample : K2692-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 15 22:54:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
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#5

2-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

Instrument :

BNA_N

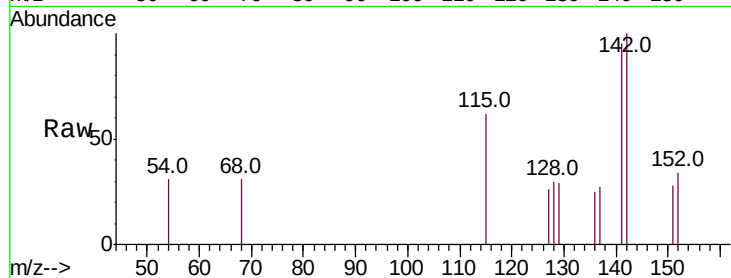
ClientSampleId :

Tot Ion:142 Resp: 450

Ion Ratio Lower Upper

142 100

141 87.8 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.04

200

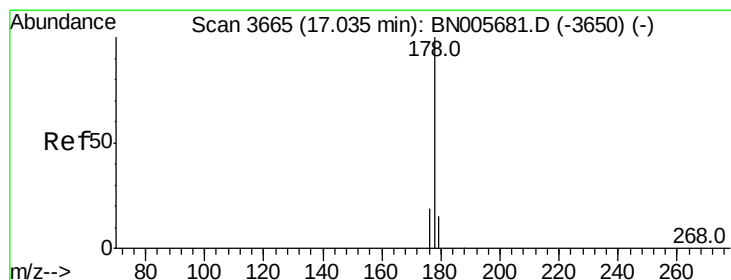
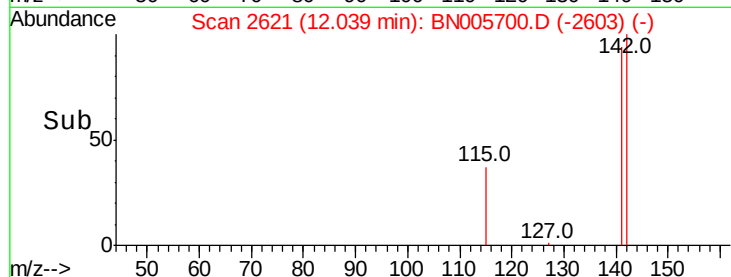
150

100

50

0

Time--> 11.90 12.00 12.10 12.20



#12

Phenanthrene

Concen: 0.051 ng/ul

RT: 17.02 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

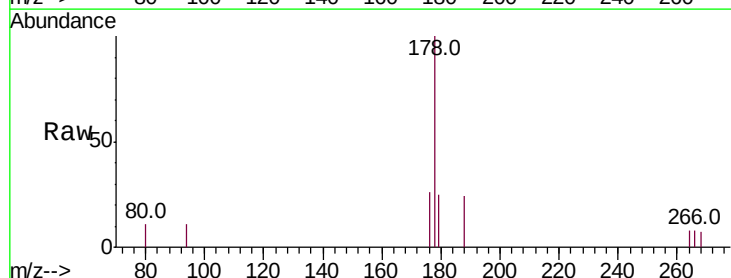
Tgt Ion:178 Resp: 1019

Ion Ratio Lower Upper

178 100

179 25.2 12.8 19.2#

176 25.9 15.3 22.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

1000

800

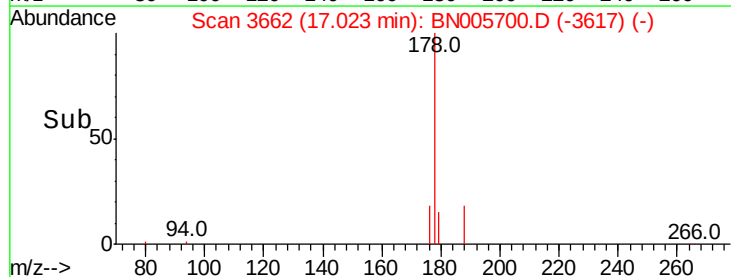
600

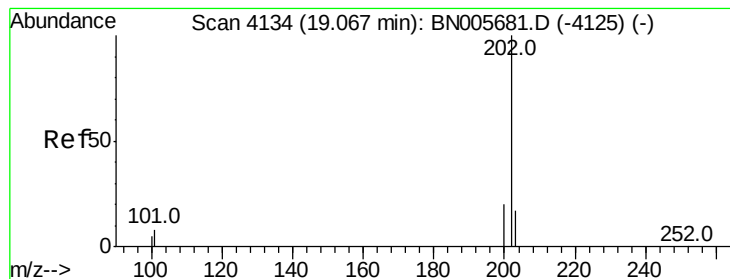
400

200

0

Time--> 16.95 17.00 17.05





#15

Fluoranthene

Concen: 0.021 ng/ul

RT: 19.06 min Scan# 4133

Delta R.T. -0.00 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

Instrument :

BNA_N

ClientSampleId :

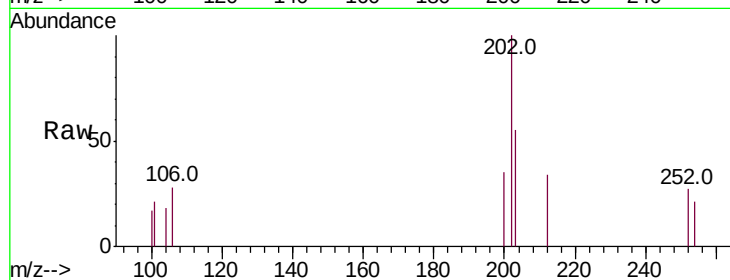
Tot Ion:202 Resp: 596

Ion Ratio Lower Upper

202 100

101 21.2 0.0 29.4

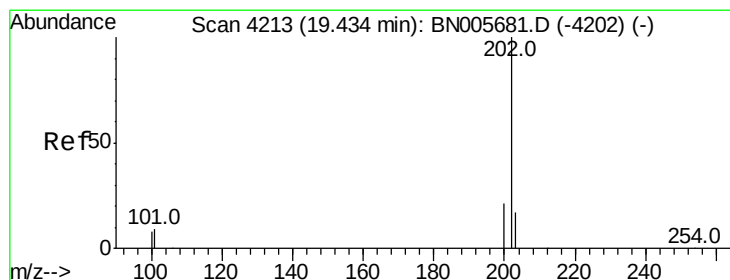
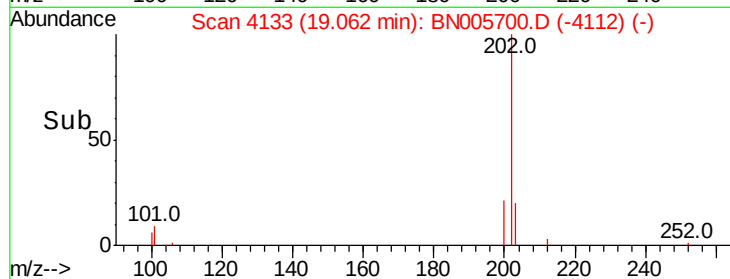
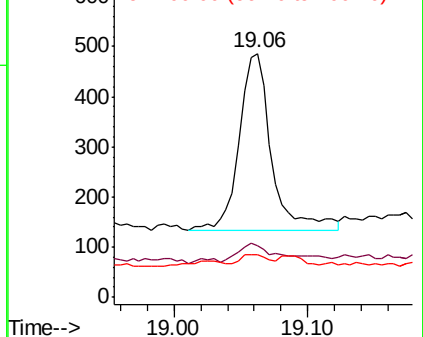
100 17.5 0.0 27.1



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



#17

Pyrene

Concen: 0.048 ng/ul

RT: 19.42 min Scan# 4211

Delta R.T. -0.00 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

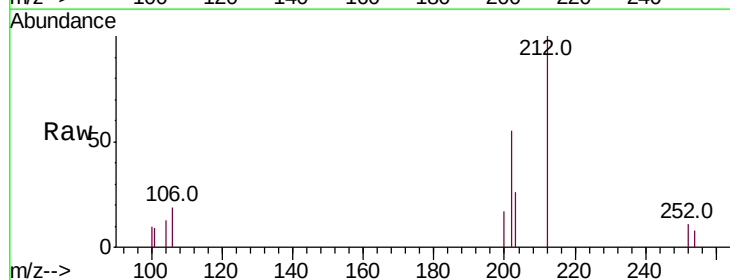
Tgt Ion:202 Resp: 1081

Ion Ratio Lower Upper

202 100

101 17.3 8.5 12.7#

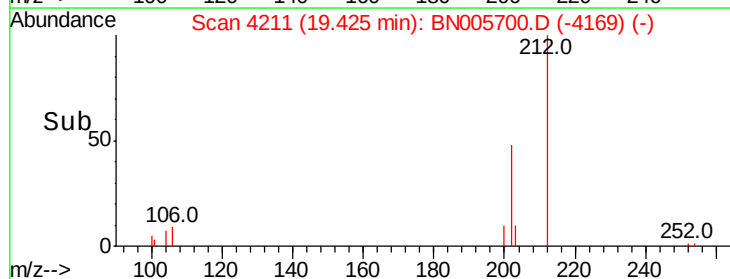
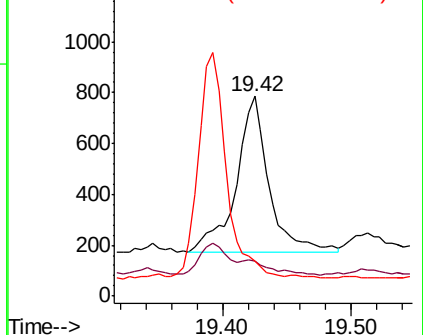
100 17.4 6.9 10.3#

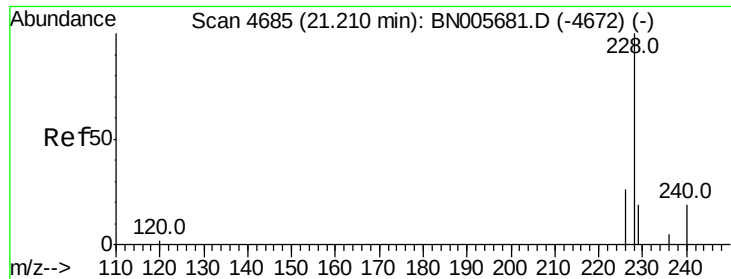


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.026 ng/ul

RT: 21.20 min Scan# 4682

Delta R.T. -0.00 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

Instrument :

BNA_N

ClientSampleId :

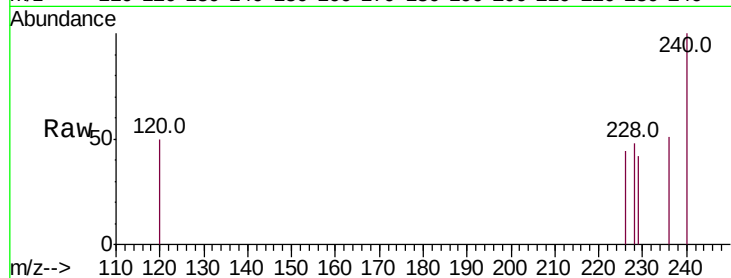
Tot Ion:228 Resp: 540

Ion Ratio Lower Upper

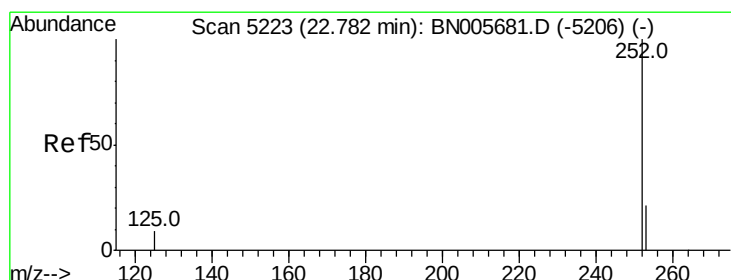
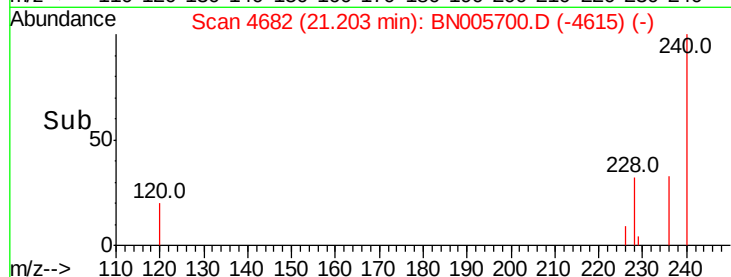
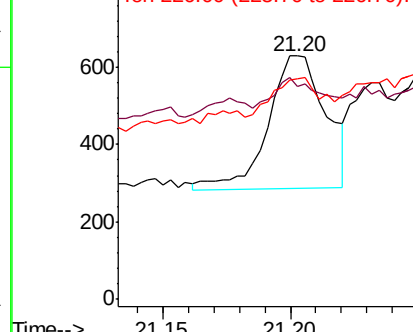
228 100

229 87.3 15.8 23.8#

226 90.8 21.7 32.5#



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



#21

Benzo(b)fluoranthene

Concen: 0.035 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

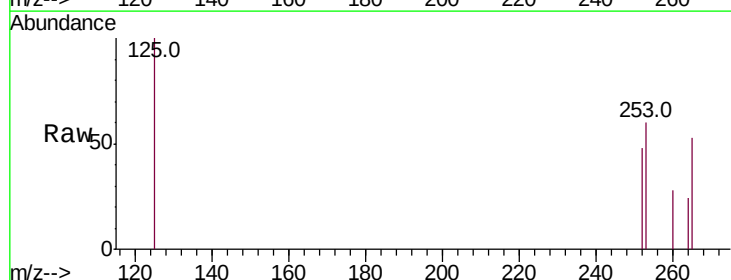
Tgt Ion:252 Resp: 598

Ion Ratio Lower Upper

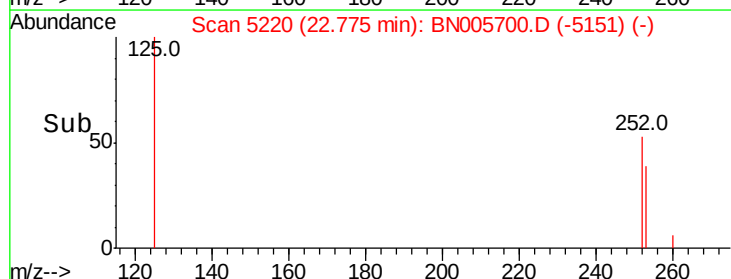
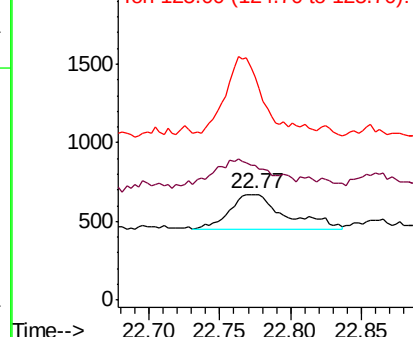
252 100

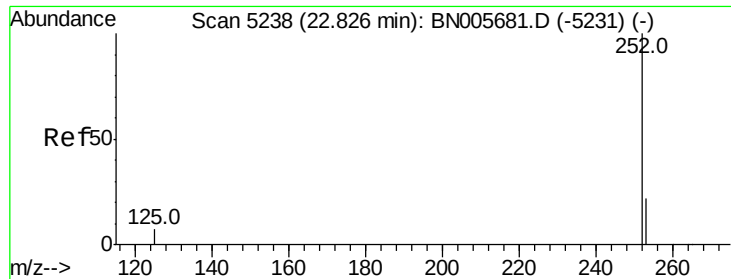
253 127.0 0.0 47.6#

125 210.3 0.0 20.8#



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





#22

Benzo(k)fluoranthene

Concen: 0.028 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

Instrument :

BNA_N

ClientSampleId :

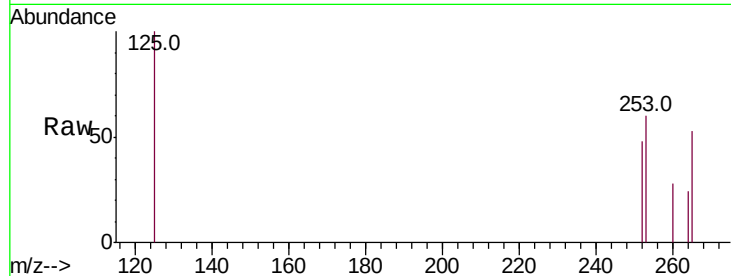
Tot Ion:252 Resp: 598

Ion Ratio Lower Upper

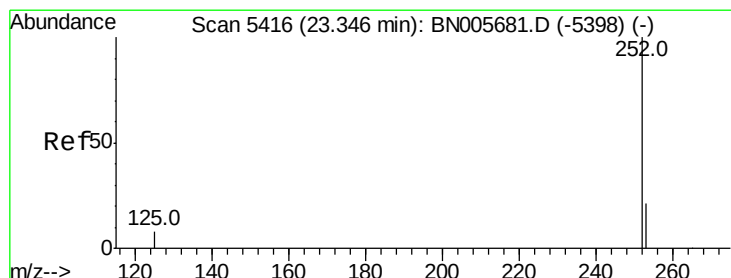
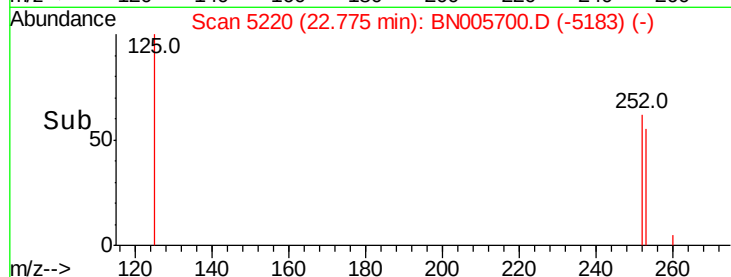
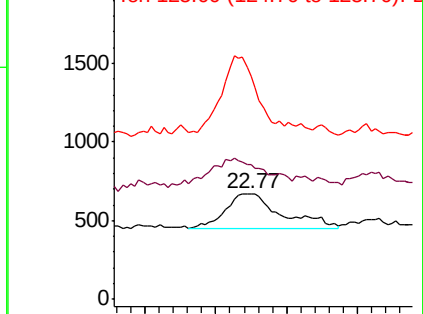
252 100

253 127.0 18.8 28.2#

125 210.3 7.6 11.4#



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



#23

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 23.33 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN005700.D

Acq: 15 May 2019 19:13

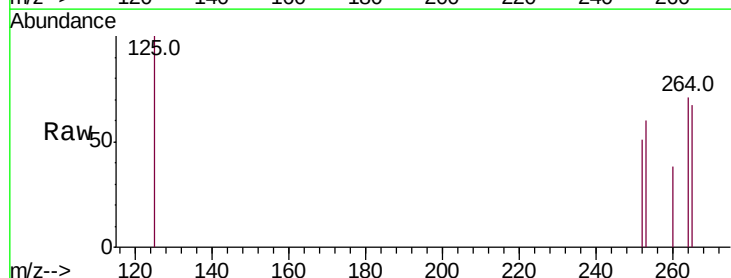
Tgt Ion:252 Resp: 530

Ion Ratio Lower Upper

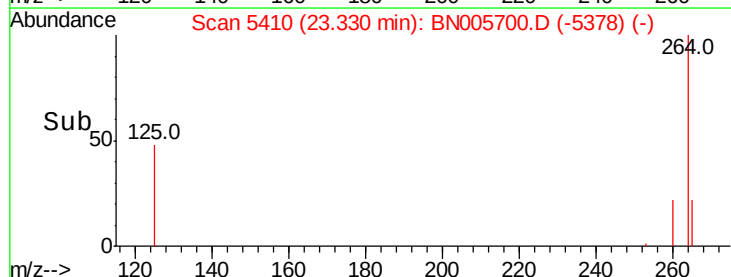
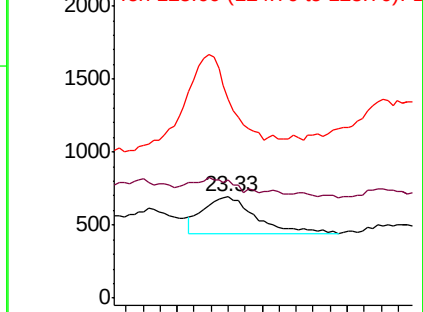
252 100

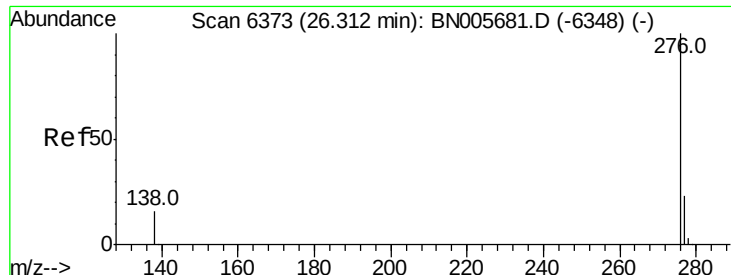
253 117.0 19.6 29.4#

125 195.7 10.1 15.1#



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





#26

Benzo(a,h,i)perylene

Concen: 0.034 ng/ul

RT: 26.29 min Scan# 6367

Delta R.T. -0.01 min

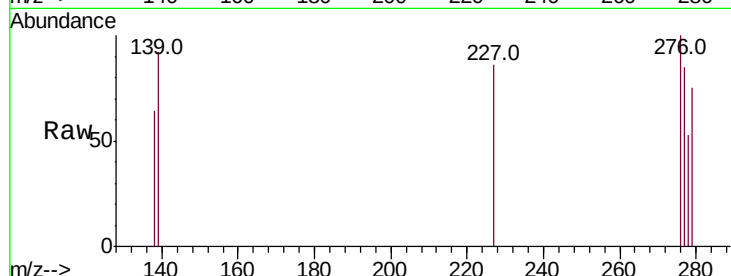
Lab File: BN005700.D

Acq: 15 May 2019 19:13

Instrument :

BNA_N

ClientSampleId :



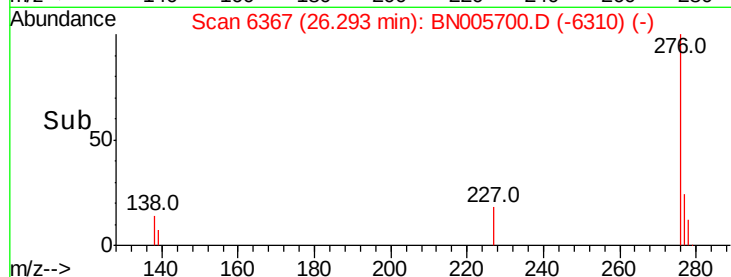
Tot Ion: 276 Resp: 617

Ion Ratio Lower Upper

276 100

138 64.2 15.6 23.4#

277 85.4 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

