

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
 Data File : BN005719.D
 Acq On : 17 May 2019 00:55
 Operator : JU/SJ
 Sample : K2690-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5166

Quant Time: May 17 04:40:24 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	1436	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	599985	0.40	ng/ul	0.10
16) Chrysene-d12	21.32	240	55	0.40	ng/ul	0.10
20) Perylene-d12	23.43	264	6251	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	3140	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	406	0.00	ng/ul	0.10

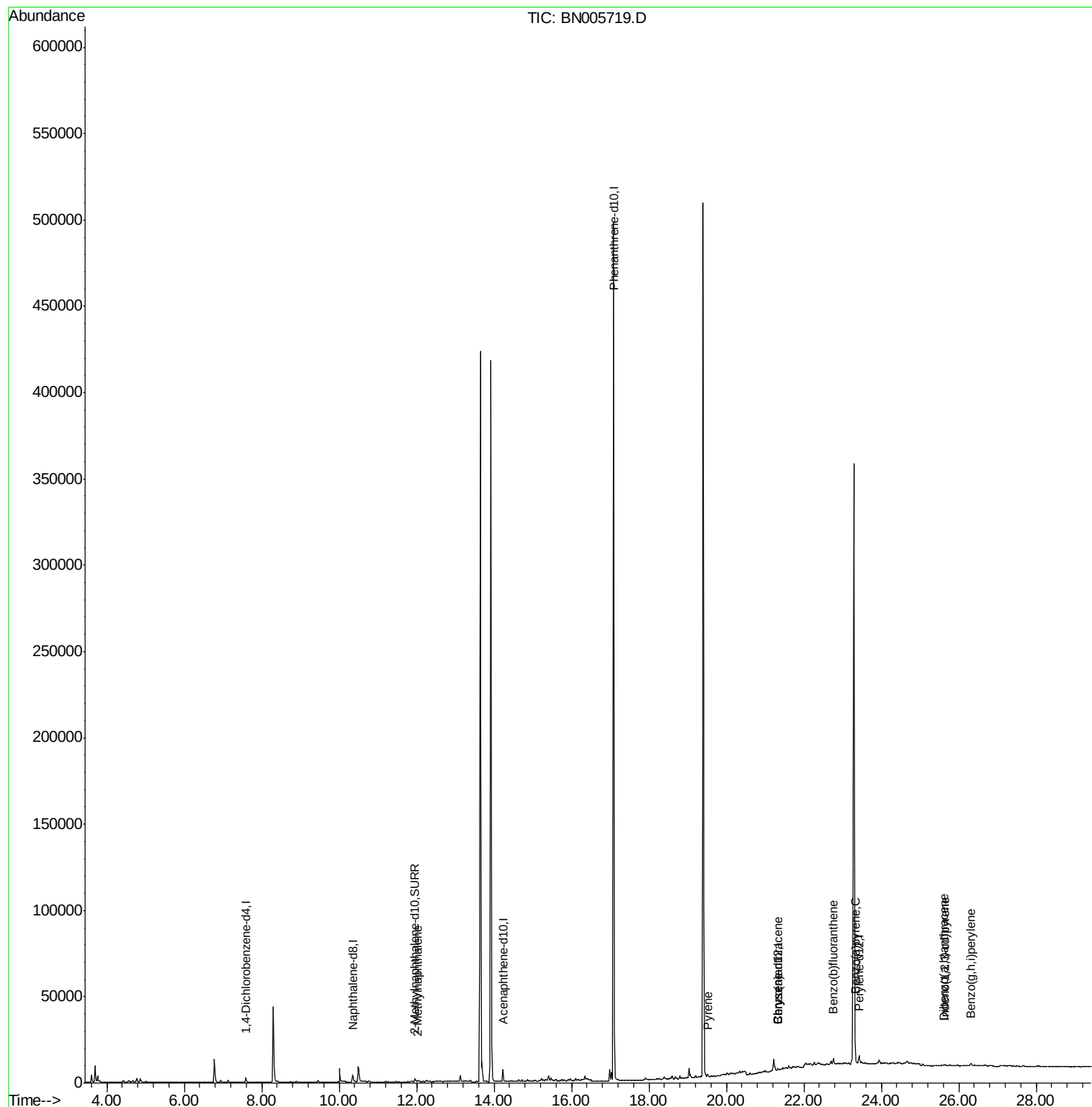
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.03	142	852	0.079	ng/ul	99
17) Pyrene	19.51	202	861	4.239	ng/ul#	57
18) Benzo(a)anthracene	21.33	228	149	0.786	ng/ul#	1
19) Chrysene	21.33	228	187	0.803	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	2497	0.133	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	1126	0.054	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.64	276	775	0.033	ng/ul#	64
25) Dibenzo(a,h)anthracene	25.62	278	668	0.034	ng/ul#	1
26) Benzo(g,h,i)perylene	26.32	276	3327	0.166	ng/ul#	6

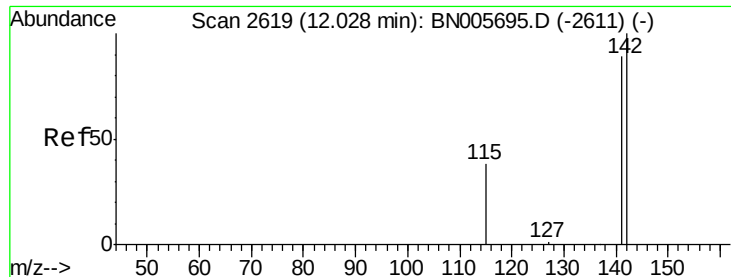
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.079 ng/ul

RT: 12.03 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

Instrument :

BNA_N

ClientSampleId :

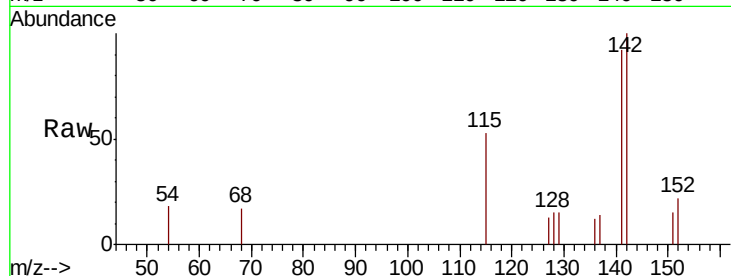
A5166

Tgt Ion:142 Resp: 852

Ion Ratio Lower Upper

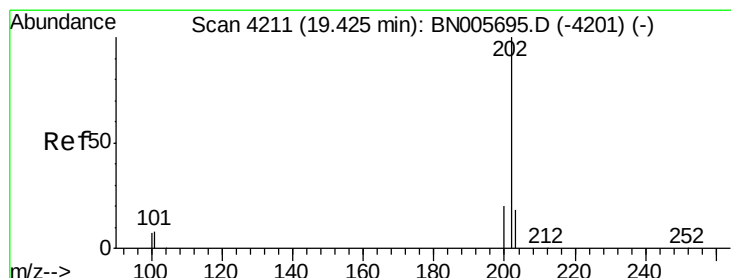
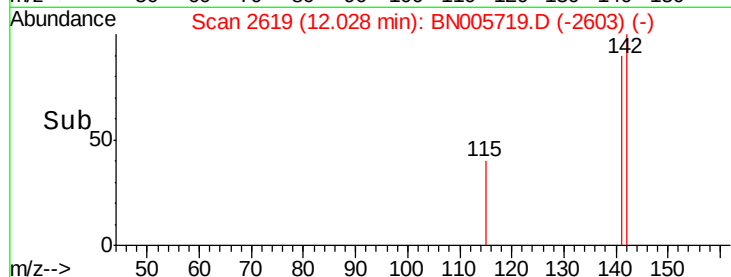
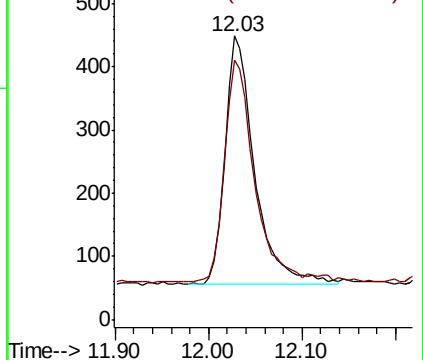
142 100

141 91.4 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#17

Pyrene

Concen: 4.239 ng/ul

RT: 19.51 min Scan# 4230

Delta R.T. 0.08 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

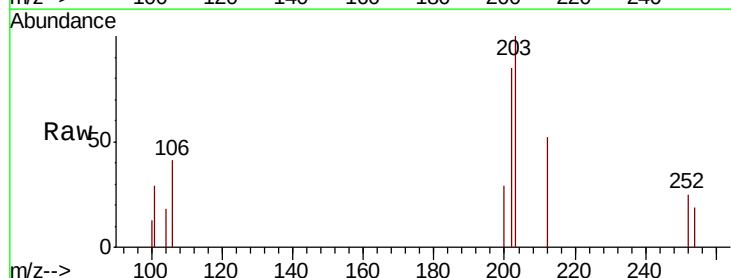
Tgt Ion:202 Resp: 861

Ion Ratio Lower Upper

202 100

101 34.5 8.5 12.7#

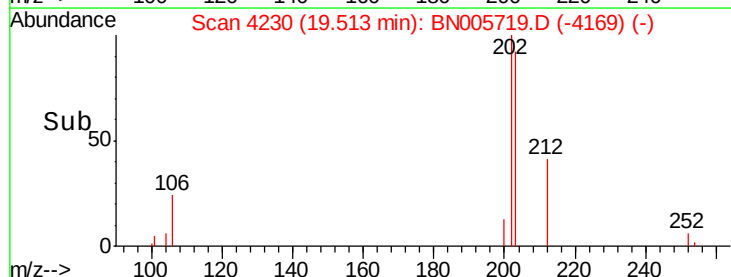
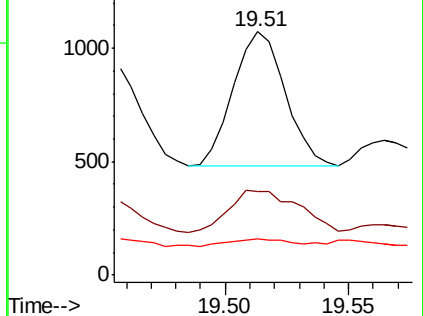
100 14.9 6.9 10.3#

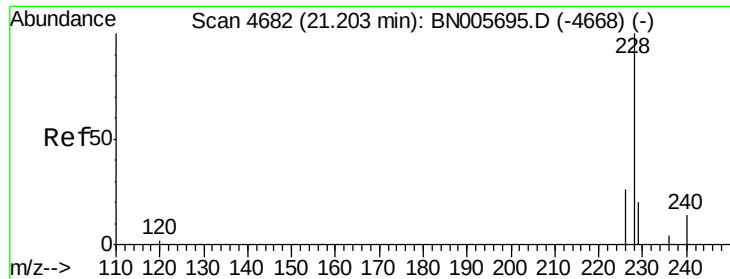


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.786 ng/ul

RT: 21.33 min Scan# 4727

Delta R.T. 0.13 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

Instrument :

BNA_N

ClientSampleId :

A5166

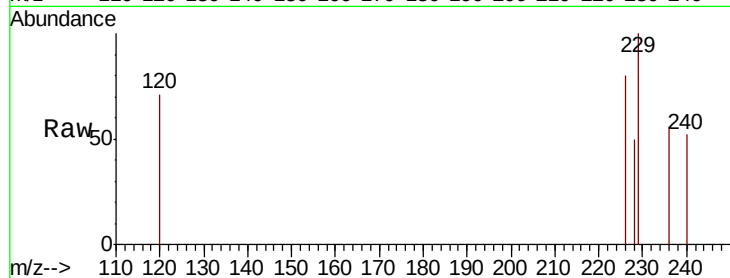
Tgt Ion:228 Resp: 149

Ion Ratio Lower Upper

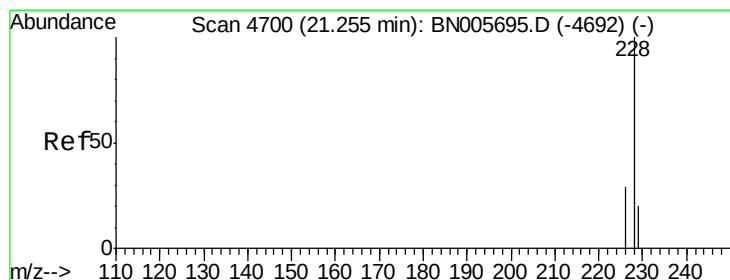
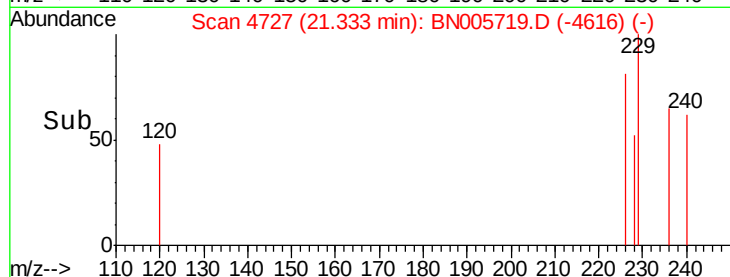
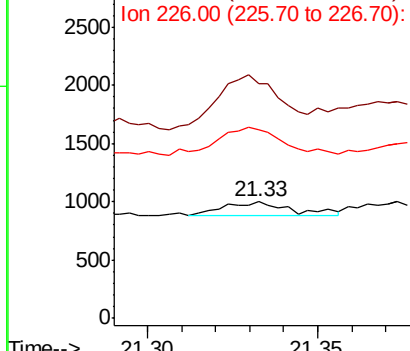
228 100

229 201.7 15.8 23.8#

226 161.7 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



#19

Chrysene

Concen: 0.803 ng/ul

RT: 21.33 min Scan# 4727

Delta R.T. 0.08 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

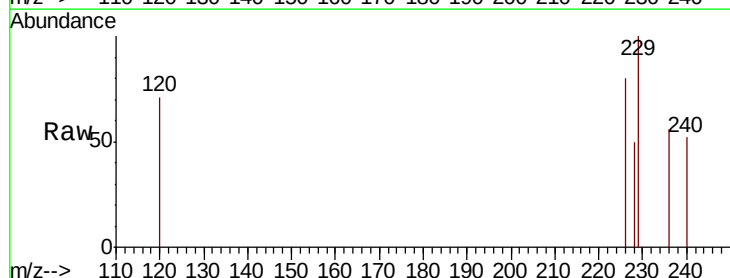
Tgt Ion:228 Resp: 187

Ion Ratio Lower Upper

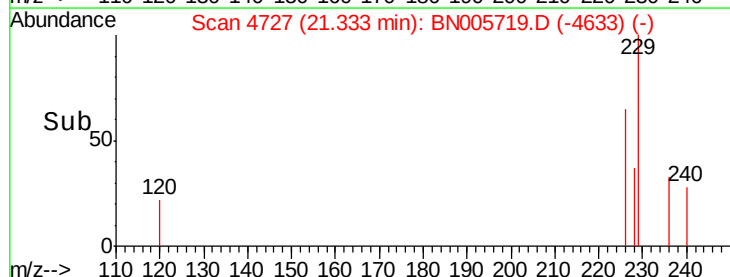
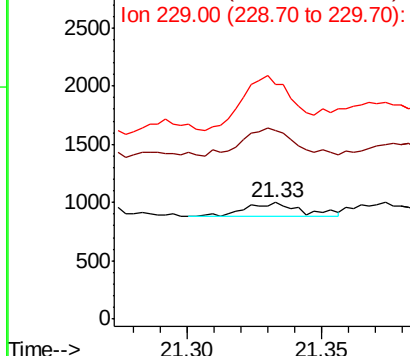
228 100

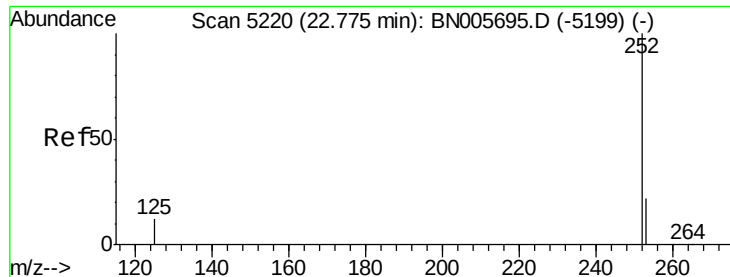
226 161.7 23.2 34.8#

229 201.7 16.0 24.0#



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: 0.133 ng/ul

RT: 22.77 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

Instrument :

BNA_N

ClientSampleId :

A5166

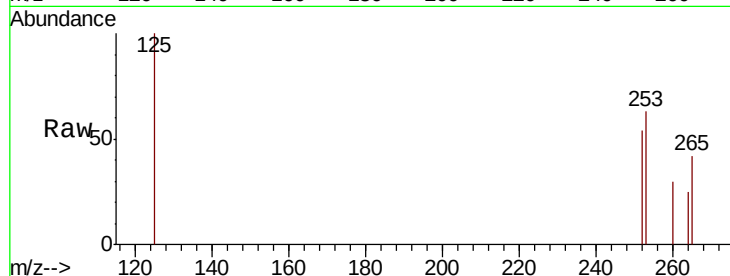
Tgt Ion:252 Resp: 2497

Ion Ratio Lower Upper

252 100

253 117.3 0.0 47.6#

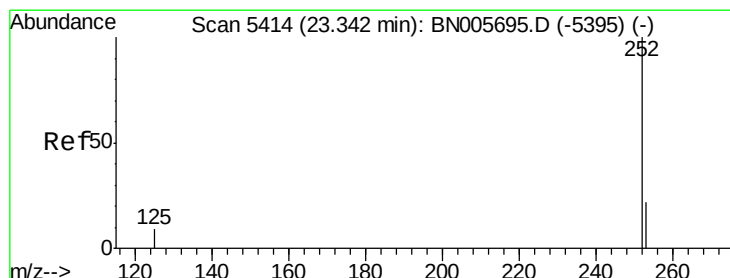
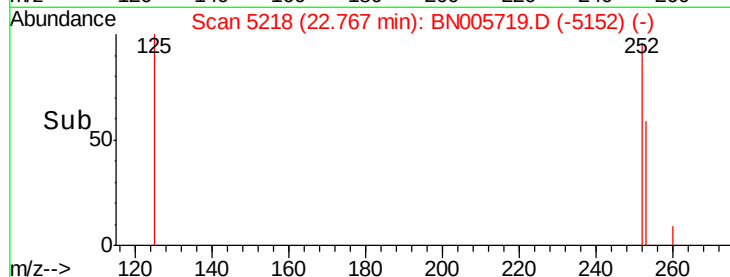
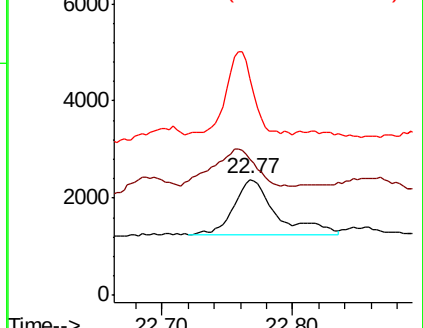
125 186.8 0.0 20.8#



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



#23

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.33 min Scan# 5410

Delta R.T. -0.01 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

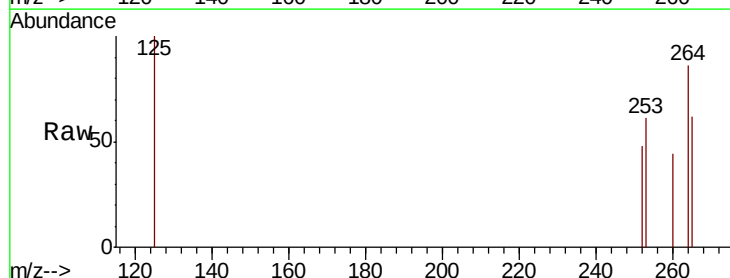
Tgt Ion:252 Resp: 1126

Ion Ratio Lower Upper

252 100

253 126.1 19.6 29.4#

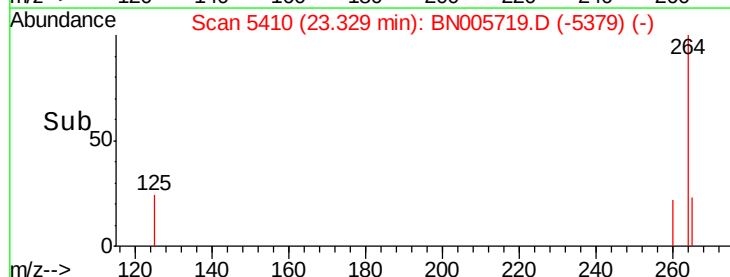
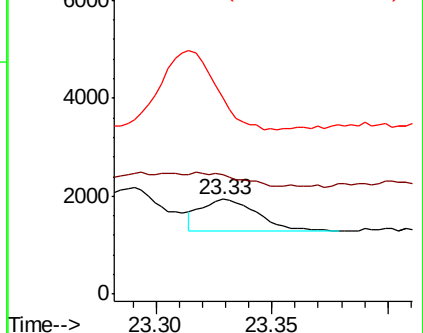
125 208.1 10.1 15.1#

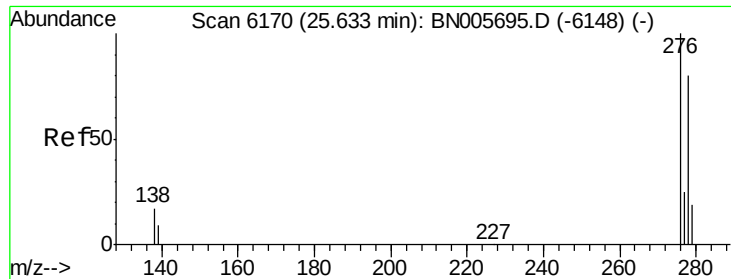


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



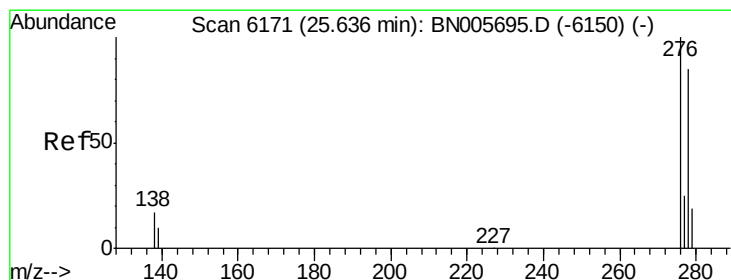
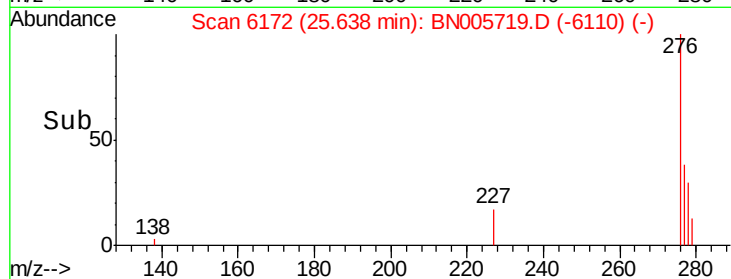
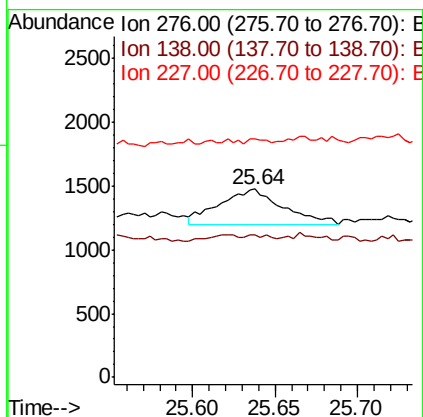
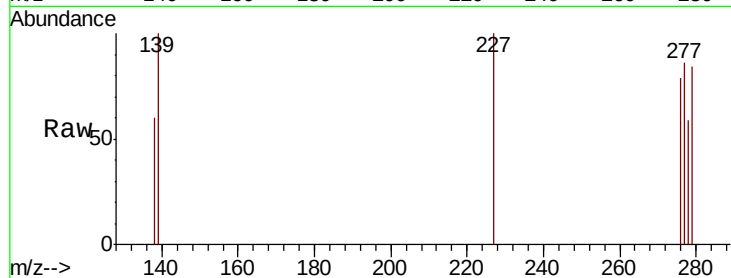


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. 0.01 min
Lab File: BN005719.D
Acq: 17 May 2019 00:55

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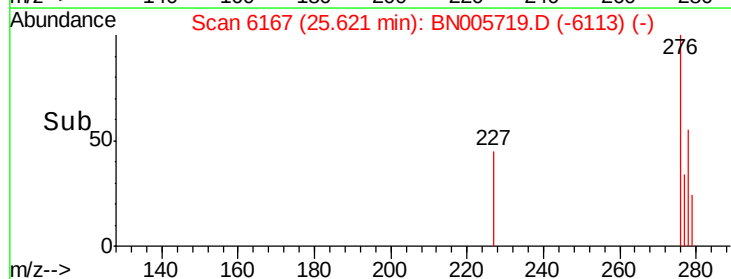
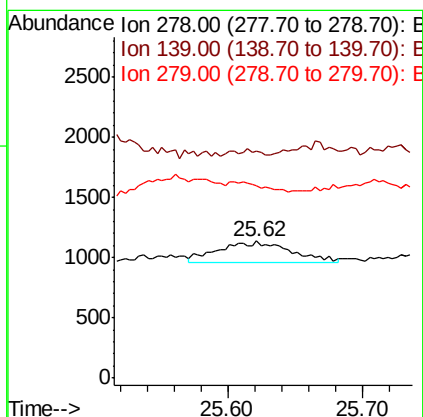
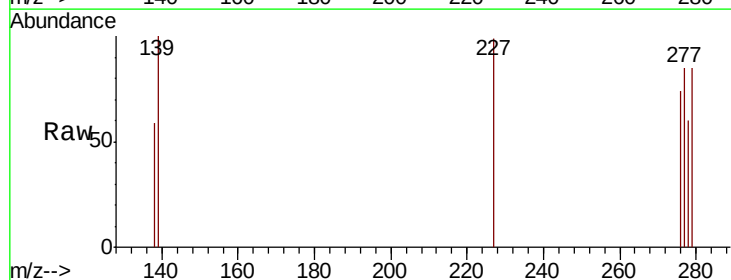
Tgt Ion: 276 Resp: 775
Ion Ratio Lower Upper
276 100
138 3.4 15.8 23.8#
227 9.0 0.1 0.1#

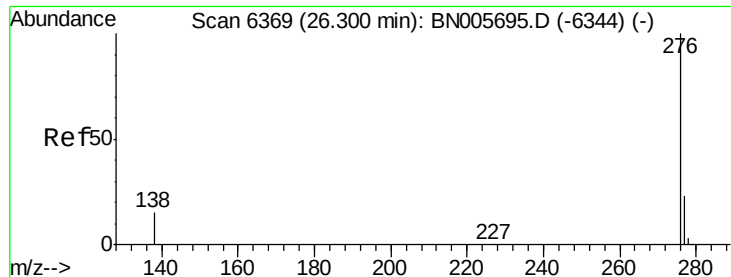


#25

Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.62 min Scan# 6167
Delta R.T. -0.02 min
Lab File: BN005719.D
Acq: 17 May 2019 00:55

Tgt Ion: 278 Resp: 668
Ion Ratio Lower Upper
278 100
139 165.6 12.4 18.6#
279 140.5 21.0 31.4#





#26

Benzo(g,h,i)perylene

Concen: 0.166 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. 0.01 min

Lab File: BN005719.D

Acq: 17 May 2019 00:55

Instrument :

BNA_N

ClientSampleId :

A5166

Tgt Ion: 276 Resp: 3327

Ion Ratio Lower Upper

276 100

138 54.5 15.6 23.4#

277 80.4 20.6 31.0#

