

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008331.D
 Acq On : 23 Oct 2019 00:57
 Operator : JU
 Sample : K5223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

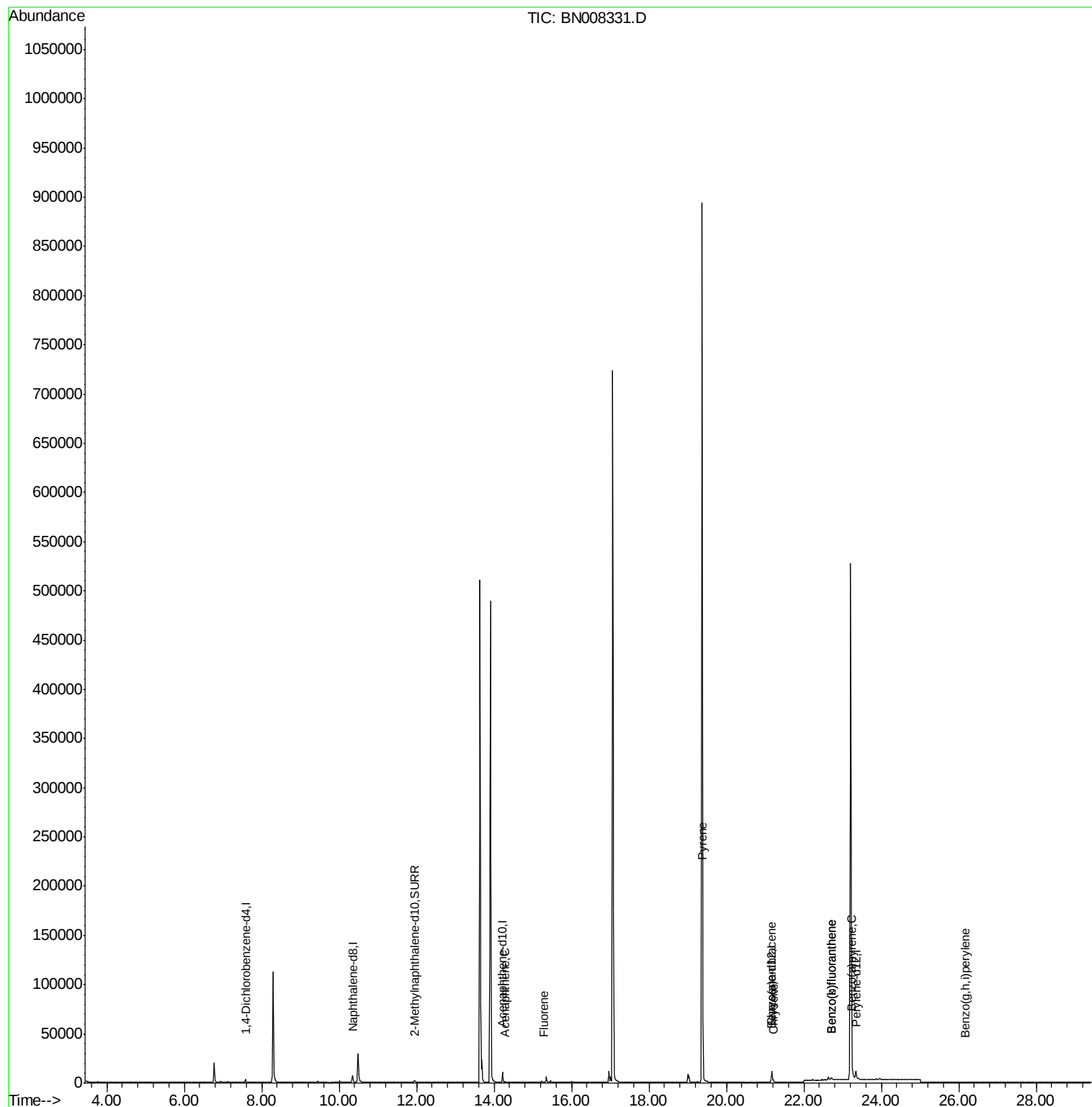
Quant Time: Oct 23 02:40:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

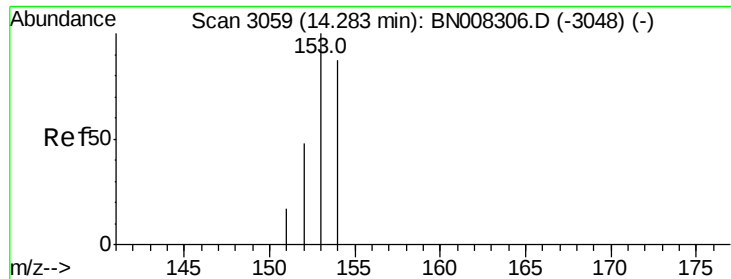
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1940	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9470	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5921	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	11394	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10212	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3843	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10438	0.00	ng/ul	0.00
Target Compounds						
8) Acenaphthene	14.28	153	467	0.021	ng/ul	95
9) Fluorene	15.27	166	534	0.021	ng/ul#	93
17) Pyrene	19.39	202	7215	0.159	ng/ul#	88
18) Benzo(a)anthracene	21.16	228	3238	0.078	ng/ul#	90
19) Chrysene	21.21	228	2940	0.058	ng/ul#	92
21) Benzo(b)fluoranthene	22.70	252	3627	0.109	ng/ul#	24
22) Benzo(k)fluoranthene	22.70	252	3627	0.096	ng/ul#	23
23) Benzo(a)pyrene	23.25	252	1788	0.051	ng/ul#	23
26) Benzo(g,h,i)perylene	26.16	276	799	0.021	ng/ul#	46

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

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#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

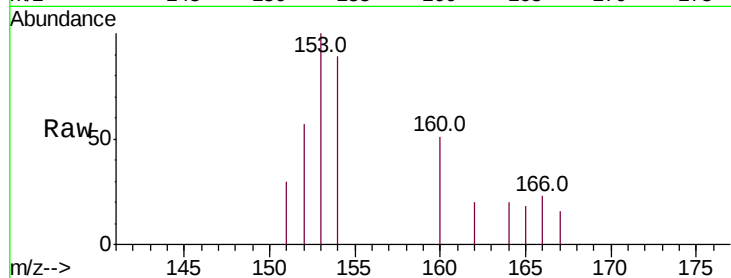
Tot Ion:153 Resp: 467

Ion Ratio Lower Upper

153 100

152 56.7 38.2 57.2

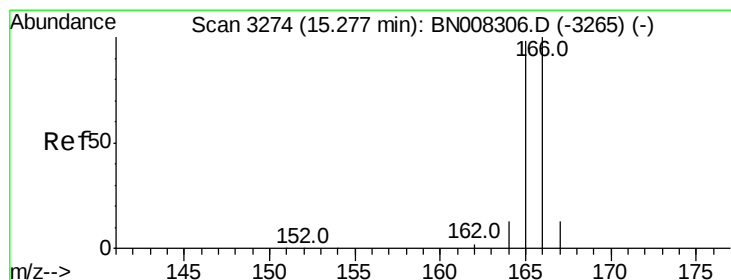
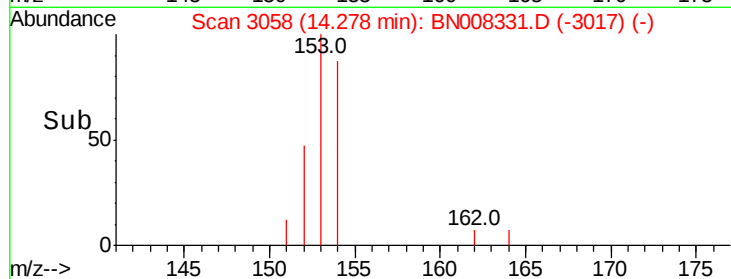
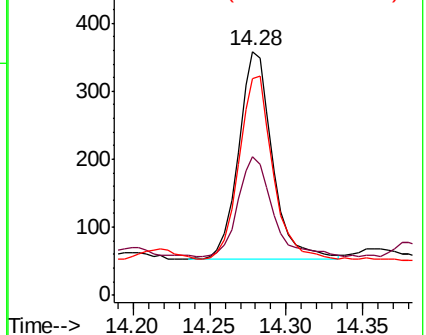
154 89.1 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

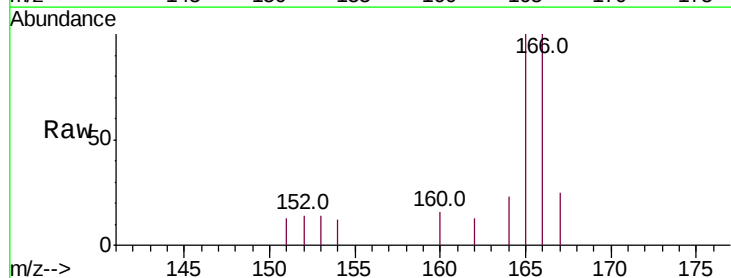
Tgt Ion:166 Resp: 534

Ion Ratio Lower Upper

166 100

165 99.6 76.6 115.0

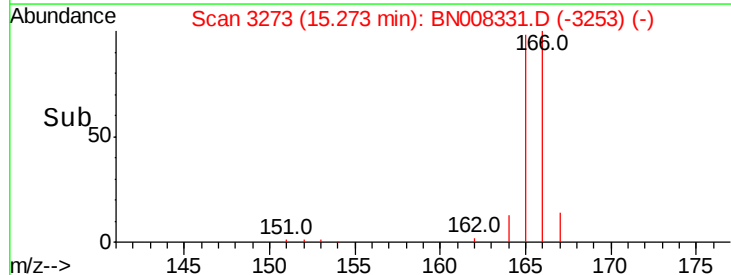
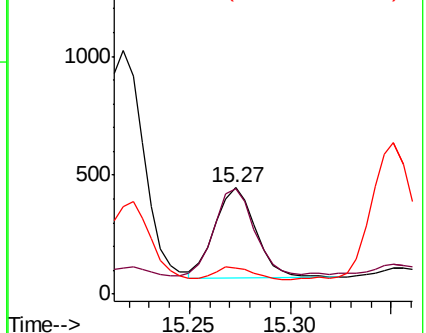
167 24.9 11.7 17.5#

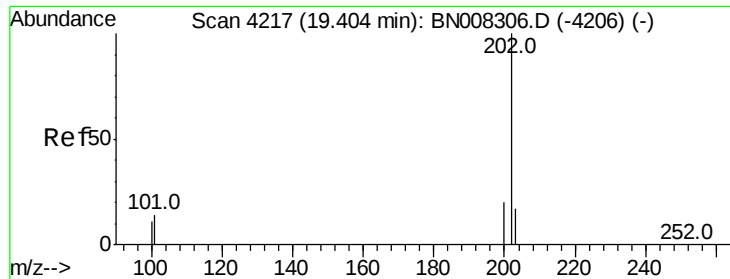


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 0.159 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

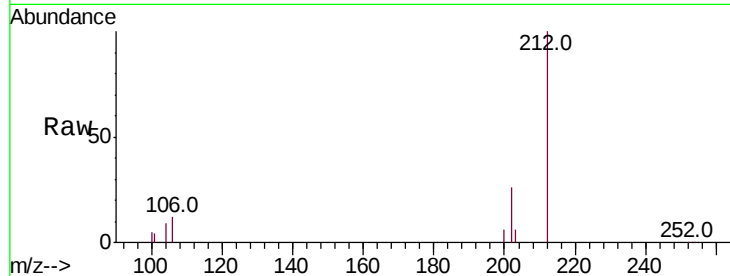
Tot Ion:202 Resp: 7215

Ion Ratio Lower Upper

202 100

101 16.6 10.9 16.3#

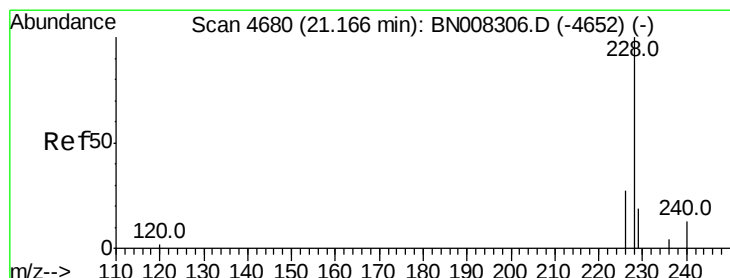
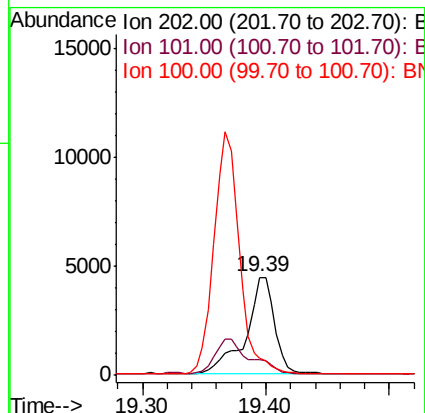
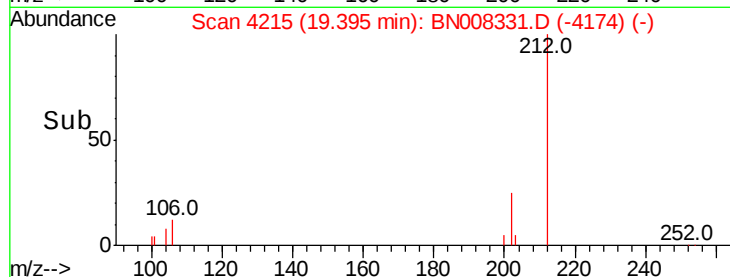
100 17.6 8.7 13.1#



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



#18

Benzo(a)anthracene

Concen: 0.078 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

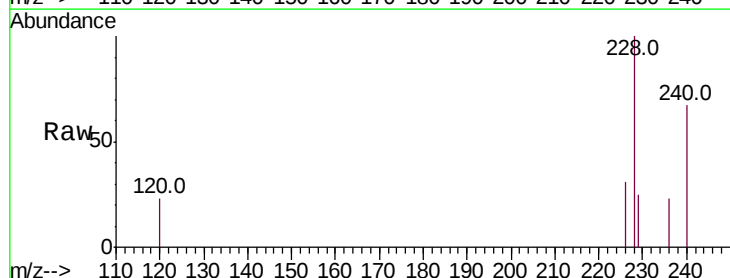
Tgt Ion:228 Resp: 3238

Ion Ratio Lower Upper

228 100

229 25.0 16.2 24.2#

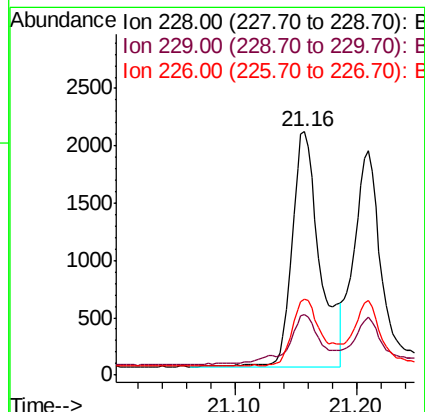
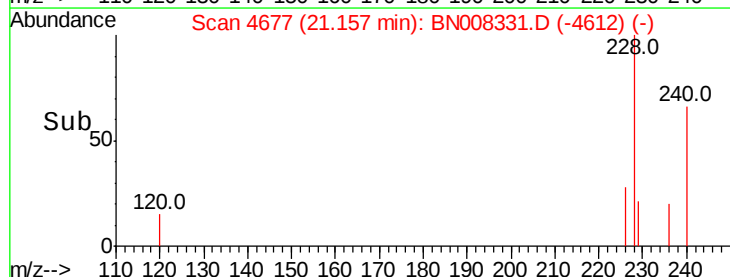
226 31.3 21.4 32.0

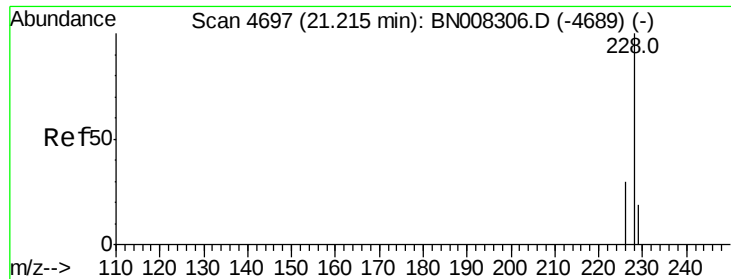


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.058 ng/ul

RT: 21.21 min Scan# 4695

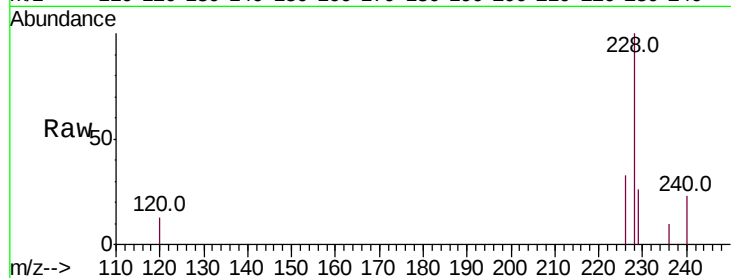
Delta R.T. -0.01 min

Lab File: BN008331.D

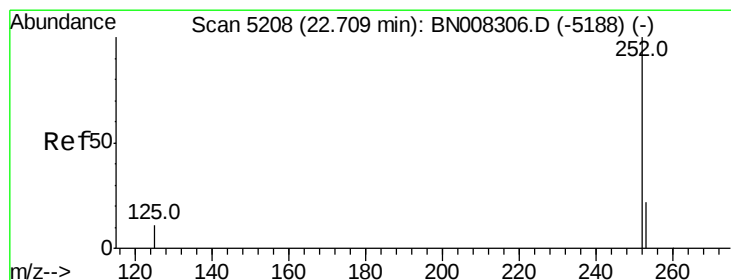
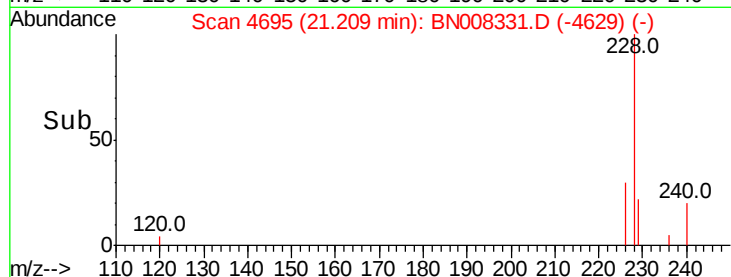
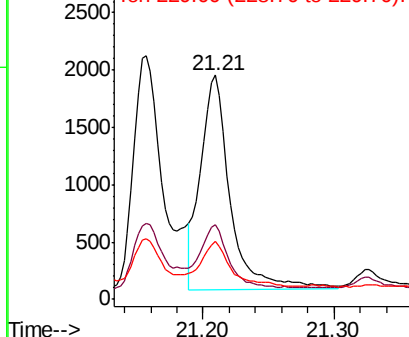
Acq: 23 Oct 2019 00:57

Tot Ion:228 Resp: 2940

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.1	36.1
229	25.8	16.2	24.2#



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: 0.109 ng/ul

RT: 22.70 min Scan# 5206

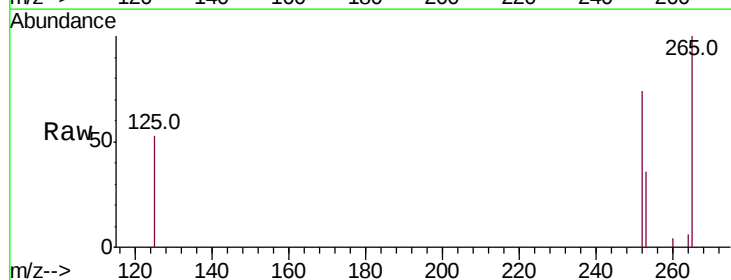
Delta R.T. -0.01 min

Lab File: BN008331.D

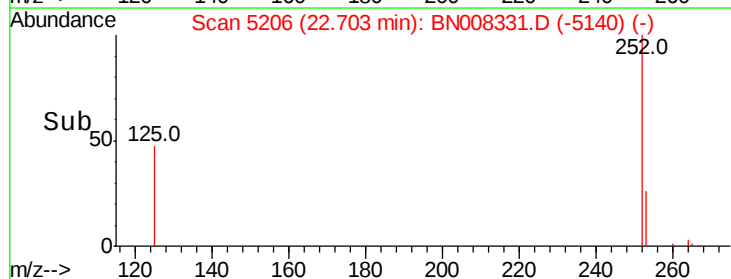
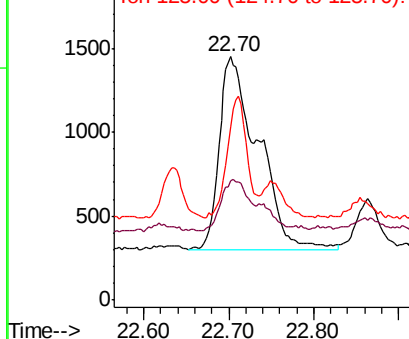
Acq: 23 Oct 2019 00:57

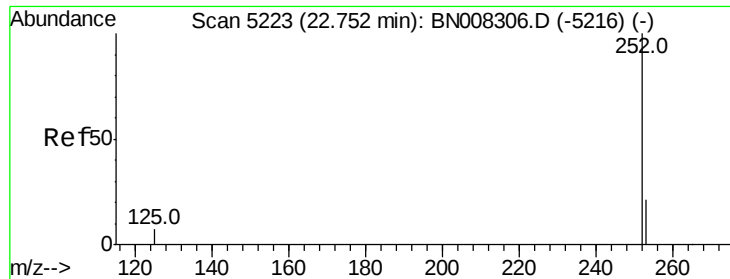
Tgt Ion:252 Resp: 3627

Ion	Ratio	Lower	Upper
252	100		
253	49.1	0.0	53.4
125	71.4	0.0	32.4#



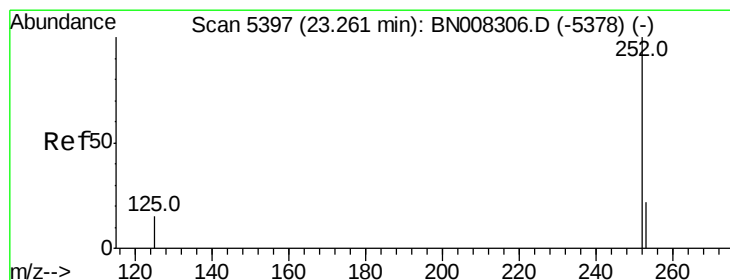
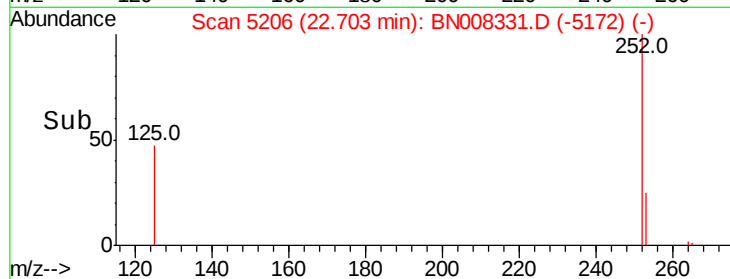
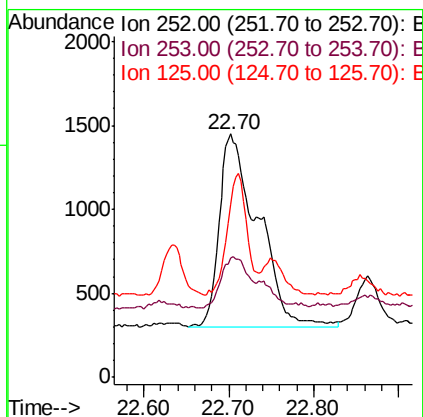
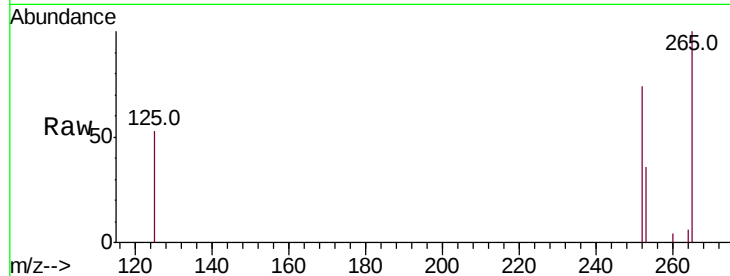
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





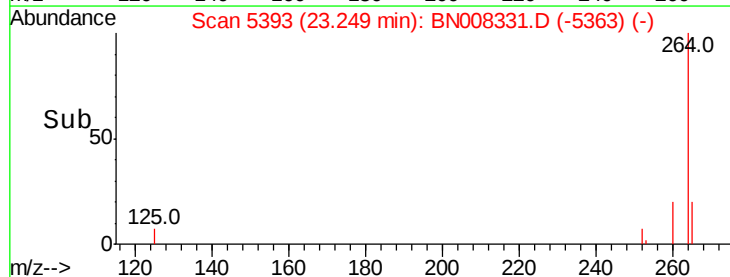
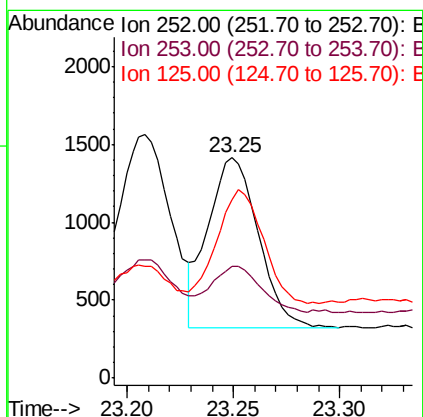
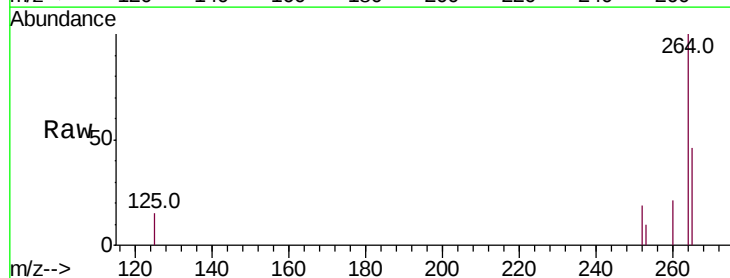
#22
Benzo(k)fluoranthene
Concen: 0.096 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.05 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

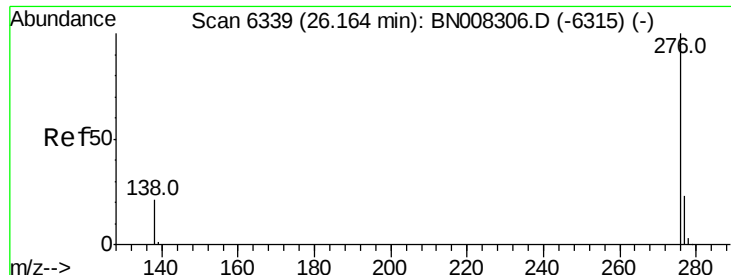
Tot Ion:252 Resp: 3627
Ion Ratio Lower Upper
252 100
253 49.1 21.3 31.9#
125 71.4 12.3 18.5#



#23
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008331.D
Acq: 23 Oct 2019 00:57

Tgt Ion:252 Resp: 1788
Ion Ratio Lower Upper
252 100
253 50.9 22.8 34.2#
125 81.2 18.4 27.6#





#26

Benzo(a,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.16 min Scan# 6337

Delta R.T. -0.01 min

Lab File: BN008331.D

Acq: 23 Oct 2019 00:57

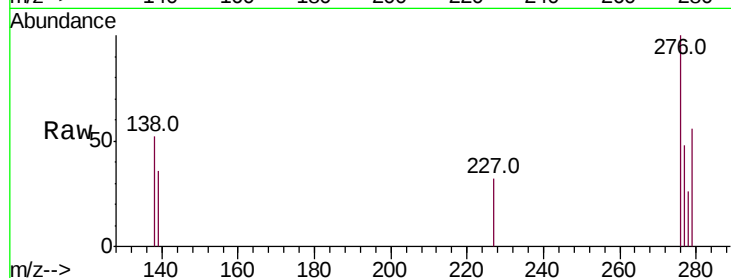
Tot Ion: 276 Resp: 799

Ion Ratio Lower Upper

276 100

138 52.4 17.0 25.4#

277 47.6 20.4 30.6#



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

