

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008369.D
 Acq On : 24 Oct 2019 02:53
 Operator : JU
 Sample : K5235-06
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

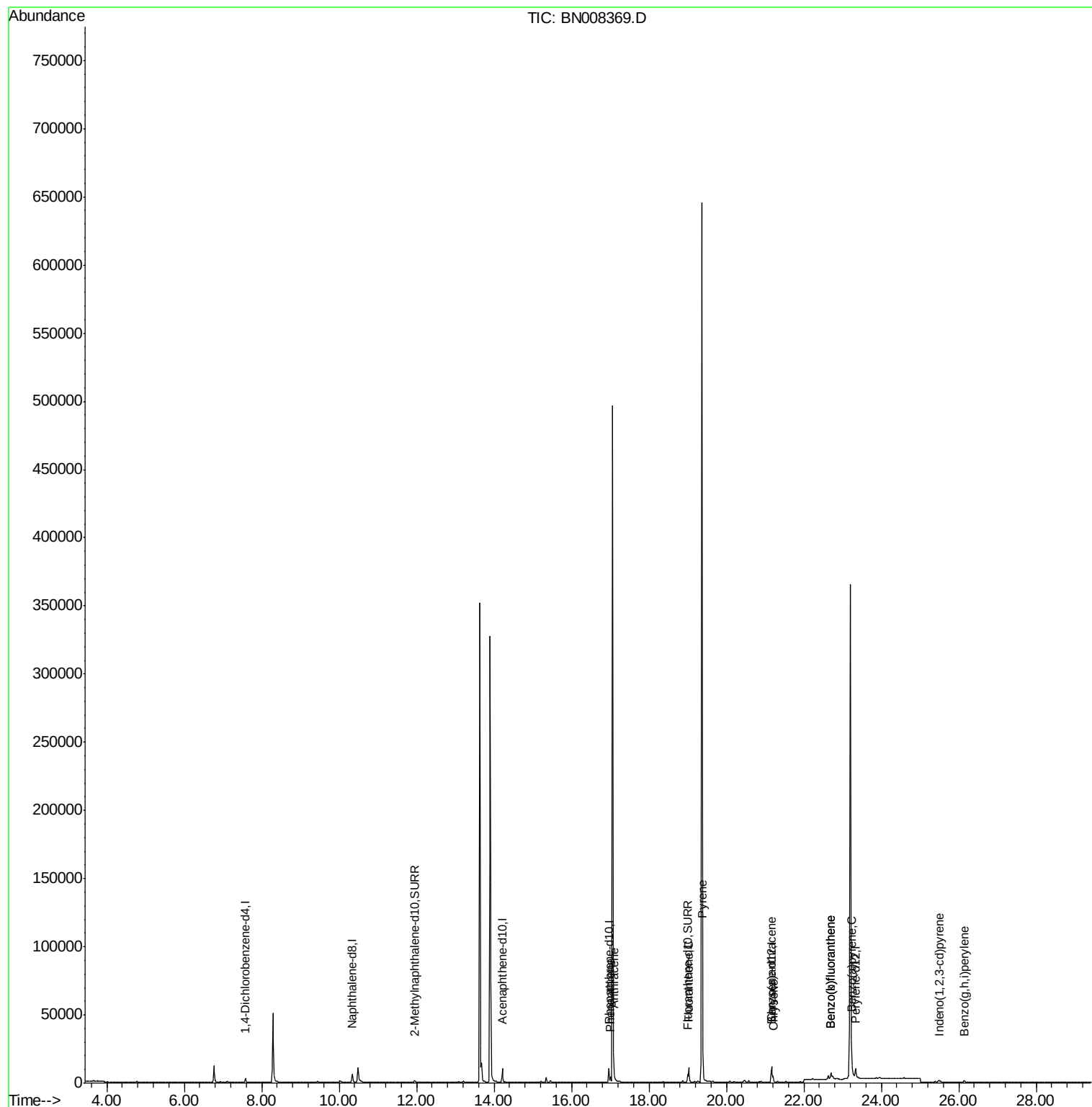
Quant Time: Oct 24 04:53:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

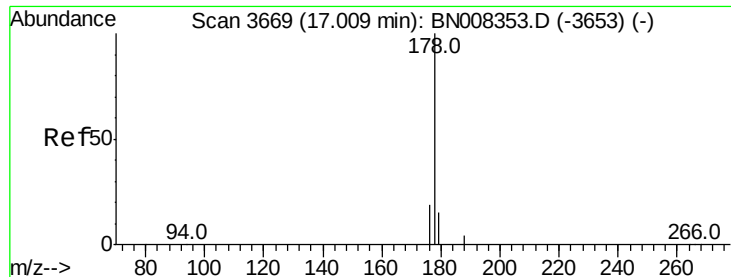
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1820	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8751	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5458	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11917	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10190	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	8839	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2505	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	7090	0.17	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.00	178	4189	0.120	ng/ul	96
13) Anthracene	17.09	178	777	0.025	ng/ul#	78
15) Fluoranthene	19.03	202	9428	0.205	ng/ul	96
17) Pyrene	19.39	202	9979	0.246	ng/ul#	94
18) Benzo(a)anthracene	21.15	228	4112	0.111	ng/ul	94
19) Chrysene	21.20	228	5338	0.117	ng/ul	96
21) Benzo(b)fluoranthene	22.69	252	8104	0.282	ng/ul#	69
22) Benzo(k)fluoranthene	22.69	252	8104	0.249	ng/ul#	68
23) Benzo(a)pyrene	23.24	252	3711	0.123	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.49	276	2488	0.070	ng/ul#	79
26) Benzo(g,h,i)perylene	26.14	276	2479	0.076	ng/ul#	84

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

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#12

Phenanthrene

Concen: 0.120 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008369.D

Acq: 24 Oct 2019 02:53

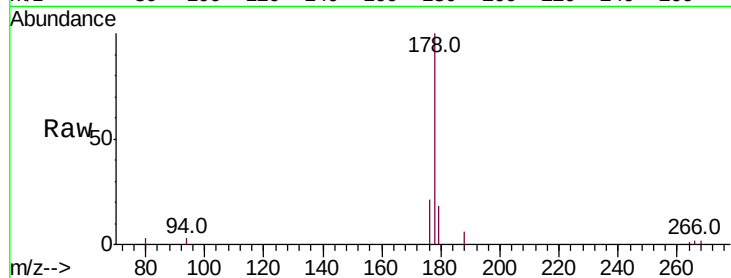
Tot Ion:178 Resp: 4189

Ion Ratio Lower Upper

178 100

179 17.7 12.8 19.2

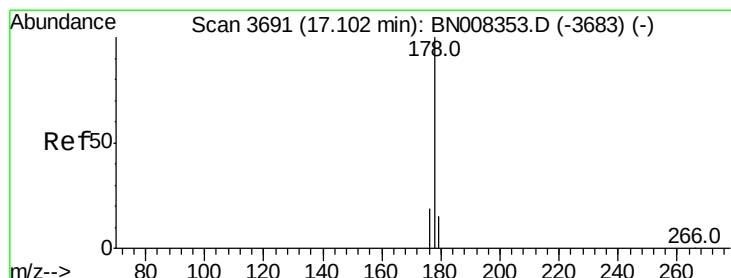
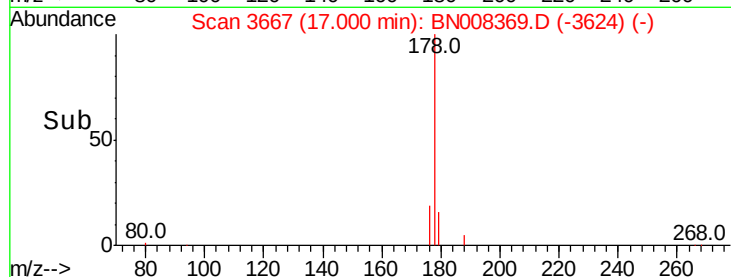
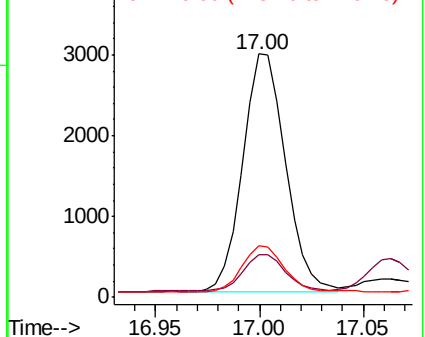
176 21.0 15.4 23.2



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



#13

Anthracene

Concen: 0.025 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008369.D

Acq: 24 Oct 2019 02:53

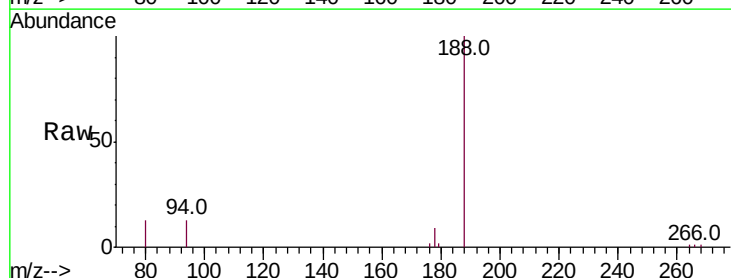
Tgt Ion:178 Resp: 777

Ion Ratio Lower Upper

178 100

179 27.9 13.0 19.6#

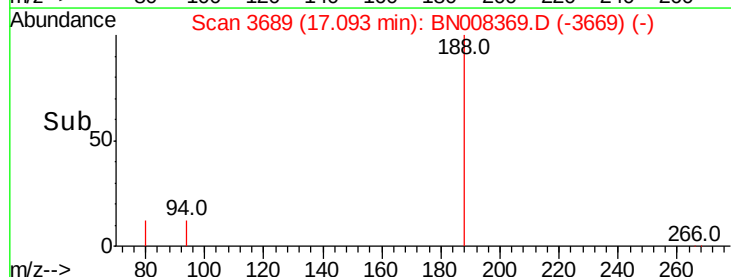
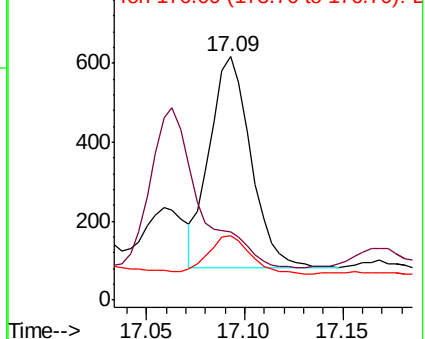
176 26.4 15.0 22.6#

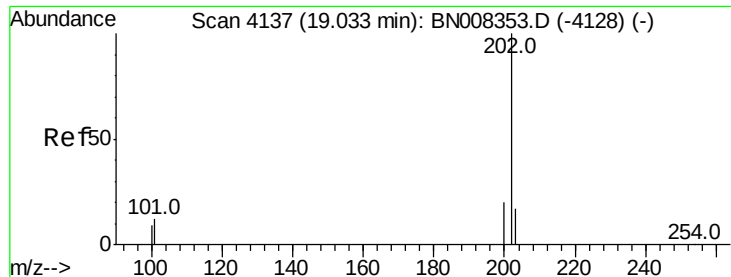


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

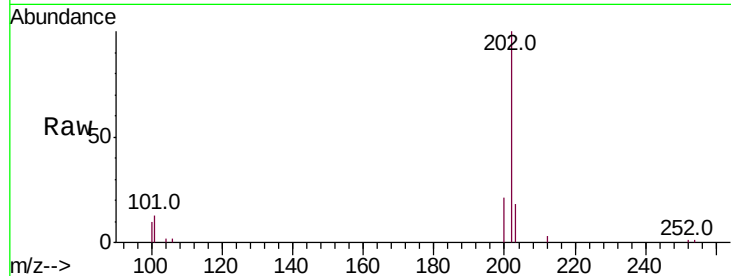
Ion 176.00 (175.70 to 176.70): E



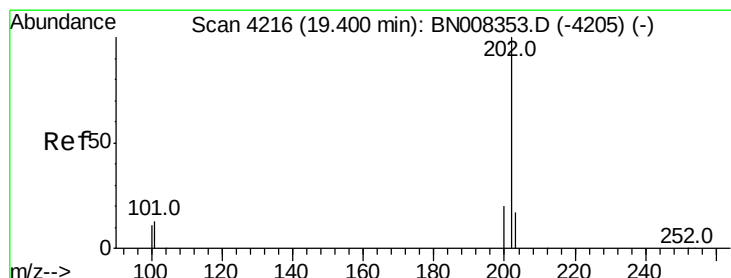
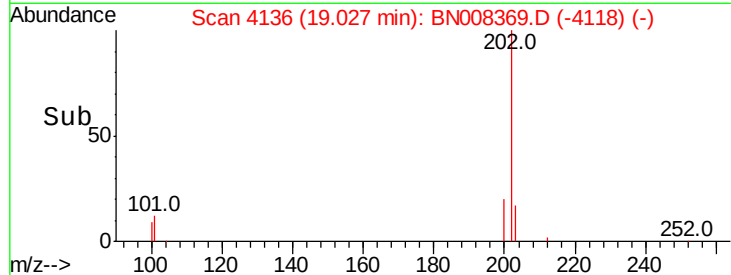
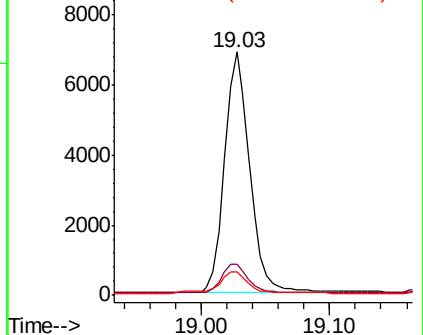


#15
 Fluoranthene
 Concen: 0.205 ng/ul
 RT: 19.03 min Scan# 4136
 Delta R.T. -0.01 min
 Lab File: BN008369.D
 Acq: 24 Oct 2019 02:53

Tot Ion:202 Resp: 9428
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.2
 100 9.8 0.0 28.5

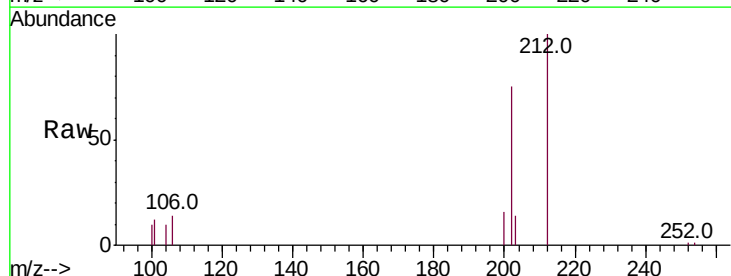


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

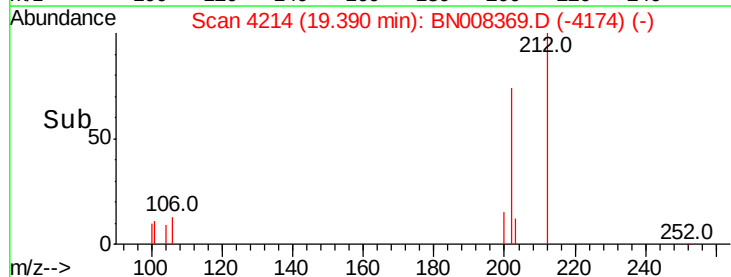
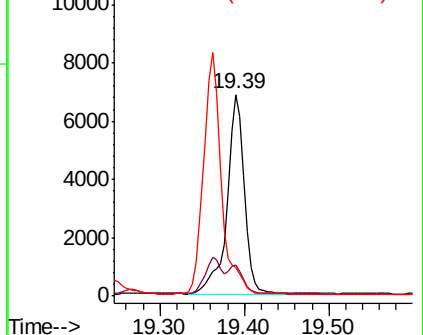


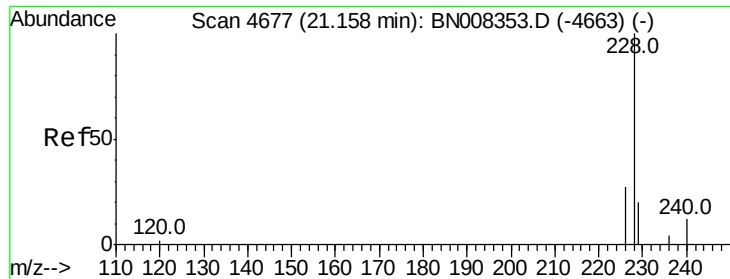
#17
 Pyrene
 Concen: 0.246 ng/ul
 RT: 19.39 min Scan# 4214
 Delta R.T. -0.01 min
 Lab File: BN008369.D
 Acq: 24 Oct 2019 02:53

Tgt Ion:202 Resp: 9979
 Ion Ratio Lower Upper
 202 100
 101 15.4 10.9 16.3
 100 14.0 8.7 13.1#



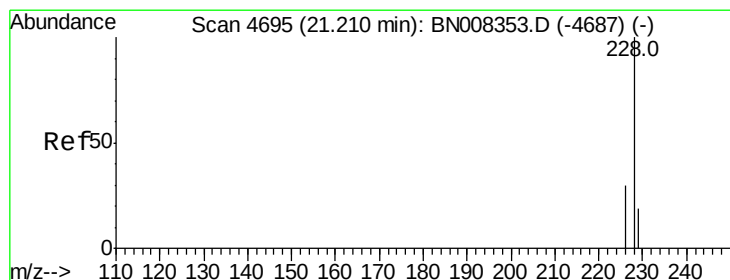
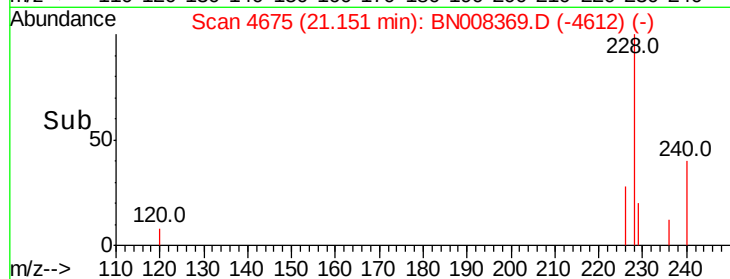
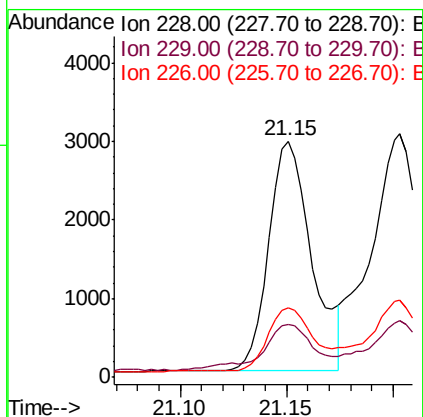
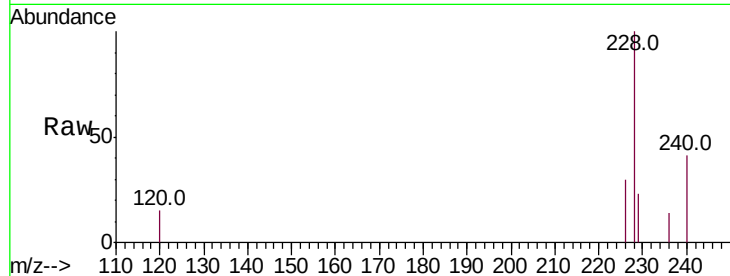
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





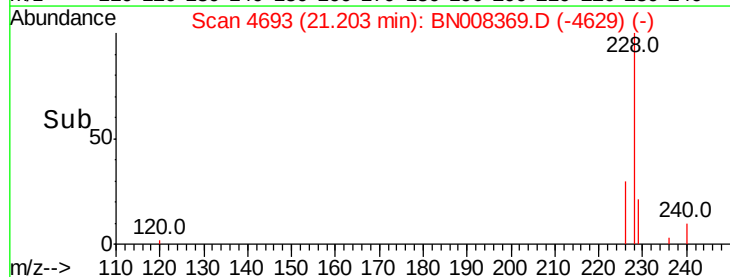
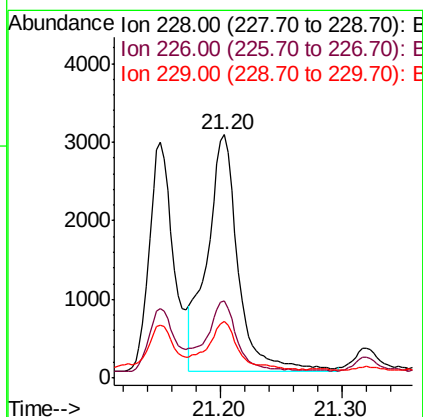
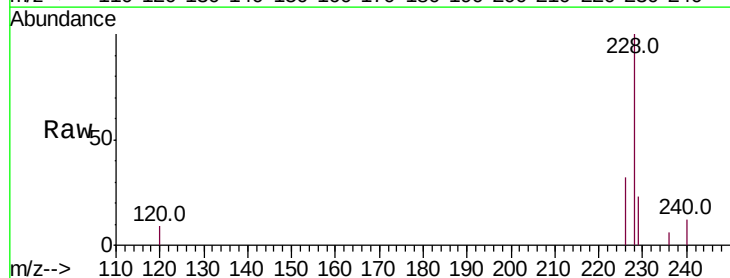
#18
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008369.D
Acq: 24 Oct 2019 02:53

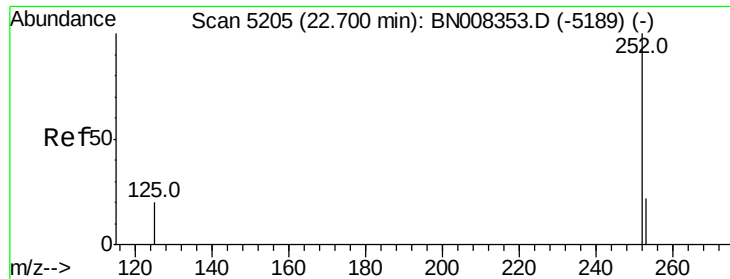
Tot Ion:228 Resp: 4112
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 29.7 21.4 32.0



#19
Chrysene
Concen: 0.117 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN008369.D
Acq: 24 Oct 2019 02:53

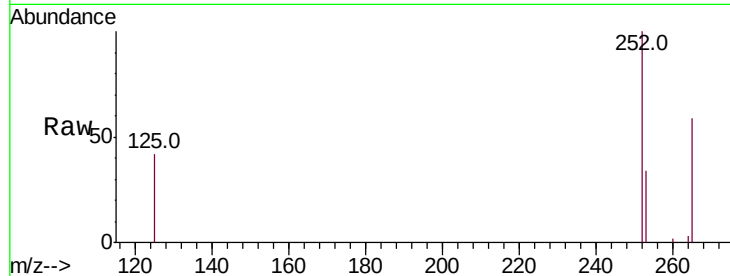
Tgt Ion:228 Resp: 5338
Ion Ratio Lower Upper
228 100
226 31.7 24.1 36.1
229 23.2 16.2 24.2



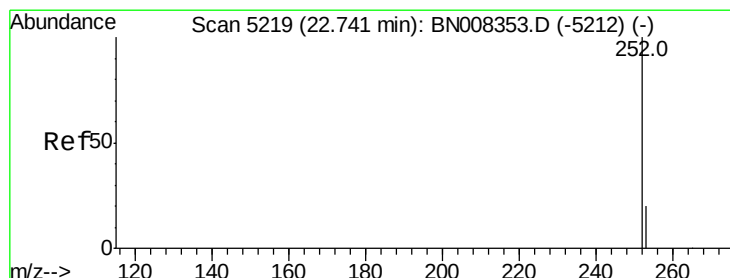
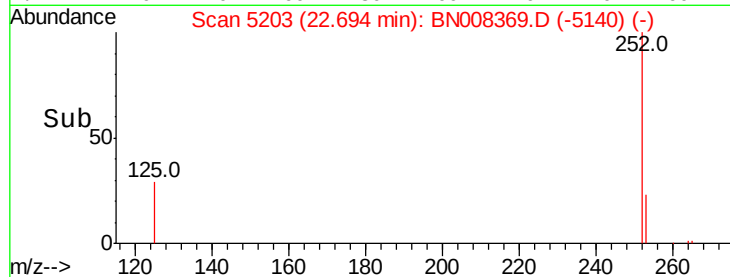
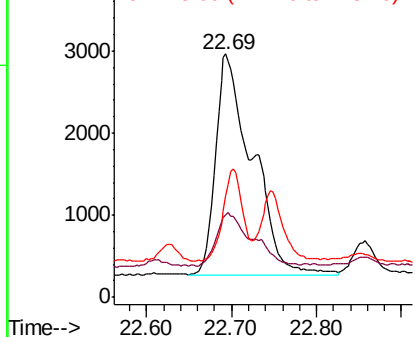


#21
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008369.D
Acq: 24 Oct 2019 02:53

Tot Ion:252 Resp: 8104
Ion Ratio Lower Upper
252 100
253 34.1 0.0 53.4
125 41.6 0.0 32.4#

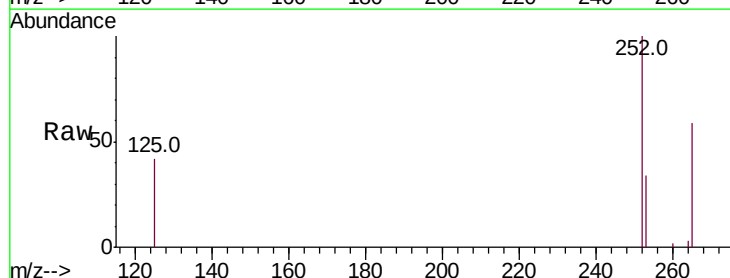


Abundance Ion 252.00 (251.70 to 252.70): E
4000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

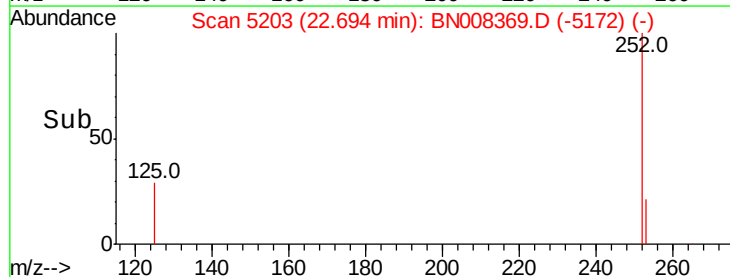
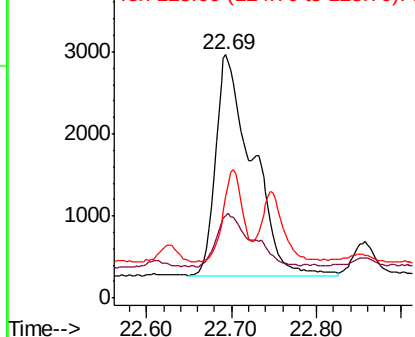


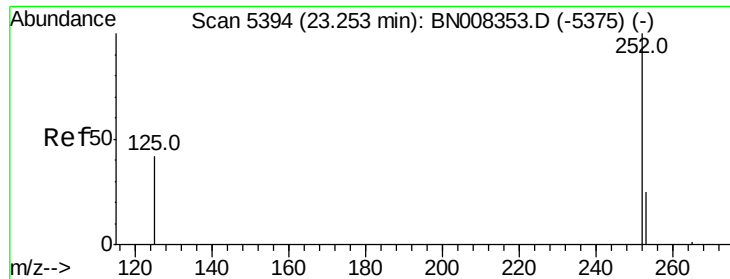
#22
Benzo(k)fluoranthene
Concen: 0.249 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.06 min
Lab File: BN008369.D
Acq: 24 Oct 2019 02:53

Tgt Ion:252 Resp: 8104
Ion Ratio Lower Upper
252 100
253 34.1 21.3 31.9#
125 41.6 12.3 18.5#



Abundance Ion 252.00 (251.70 to 252.70): E
4000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.123 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008369.D

Acq: 24 Oct 2019 02:53

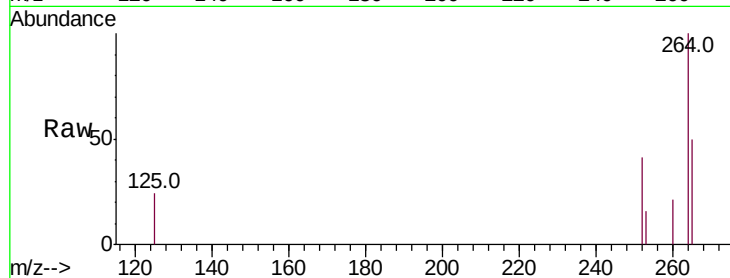
Tot Ion:252 Resp: 3711

Ion Ratio Lower Upper

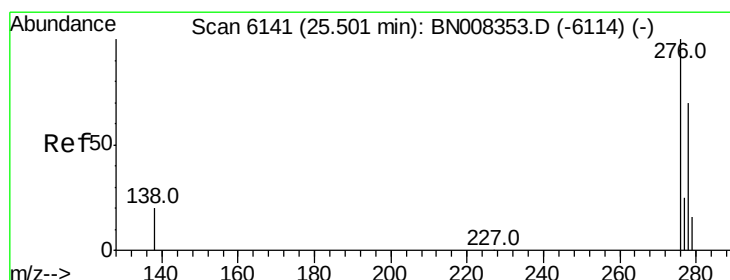
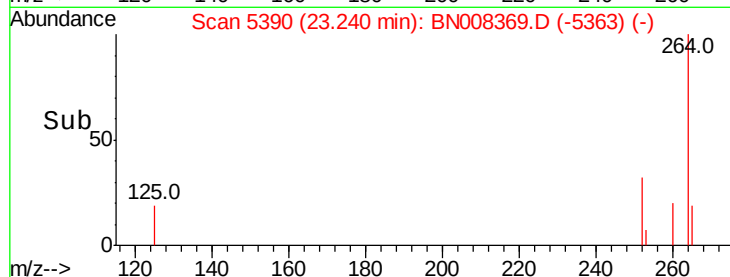
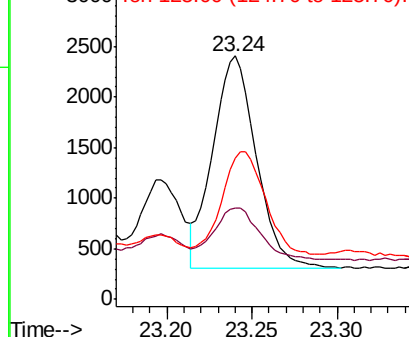
252 100

253 37.5 22.8 34.2#

125 58.1 18.4 27.6#



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: 0.070 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. -0.02 min

Lab File: BN008369.D

Acq: 24 Oct 2019 02:53

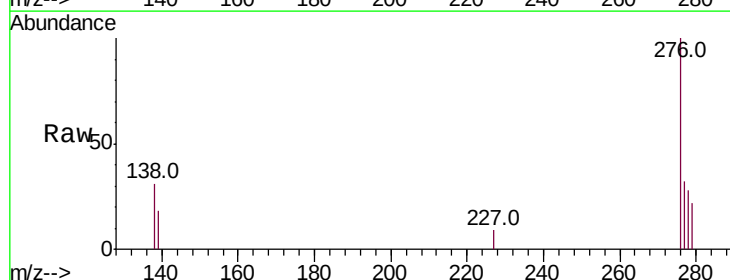
Tgt Ion:276 Resp: 2488

Ion Ratio Lower Upper

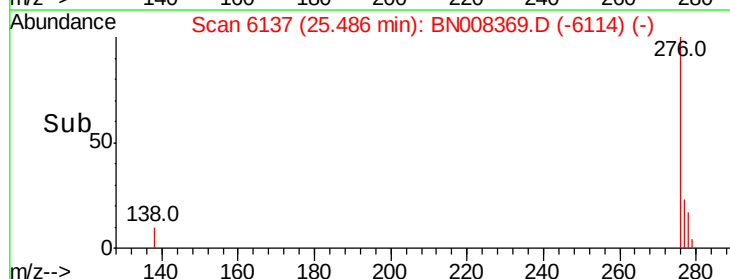
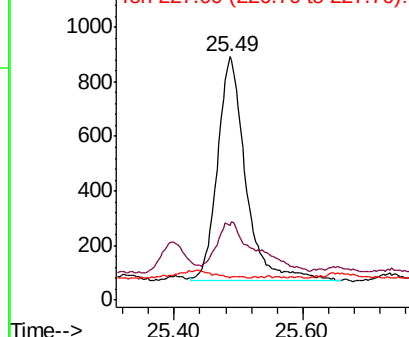
276 100

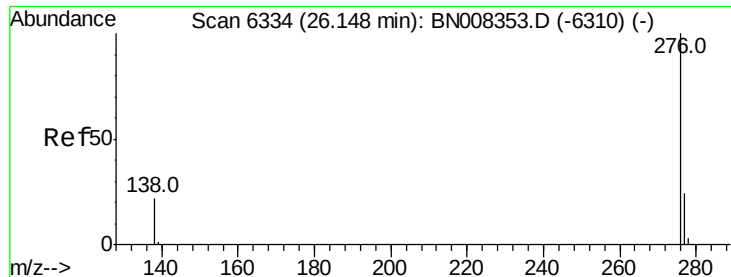
138 29.7 16.1 24.1#

227 0.1 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





#26

Benzo(a,h,i)perylene

Concen: 0.076 ng/ul

RT: 26.14 min Scan# 6331

Delta R.T. -0.03 min

Lab File: BN008369.D

Acq: 24 Oct 2019 02:53

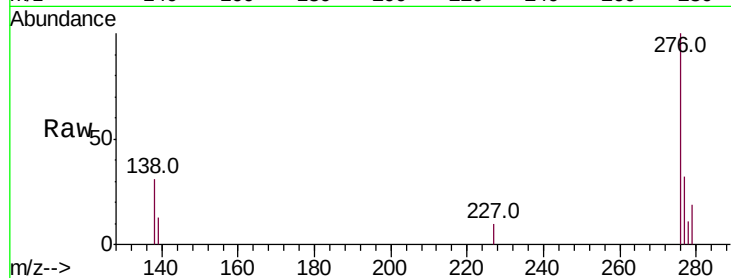
Tot Ion: 276 Resp: 2479

Ion Ratio Lower Upper

276 100

138 31.3 17.0 25.4#

277 31.6 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

