

Data File : BN008210.D
Acq On : 16 Oct 2019 22:08
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 17 01:53:32 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3444	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16460	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10250	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.20	240	17598	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13711	0.40	ng/ul	0.00

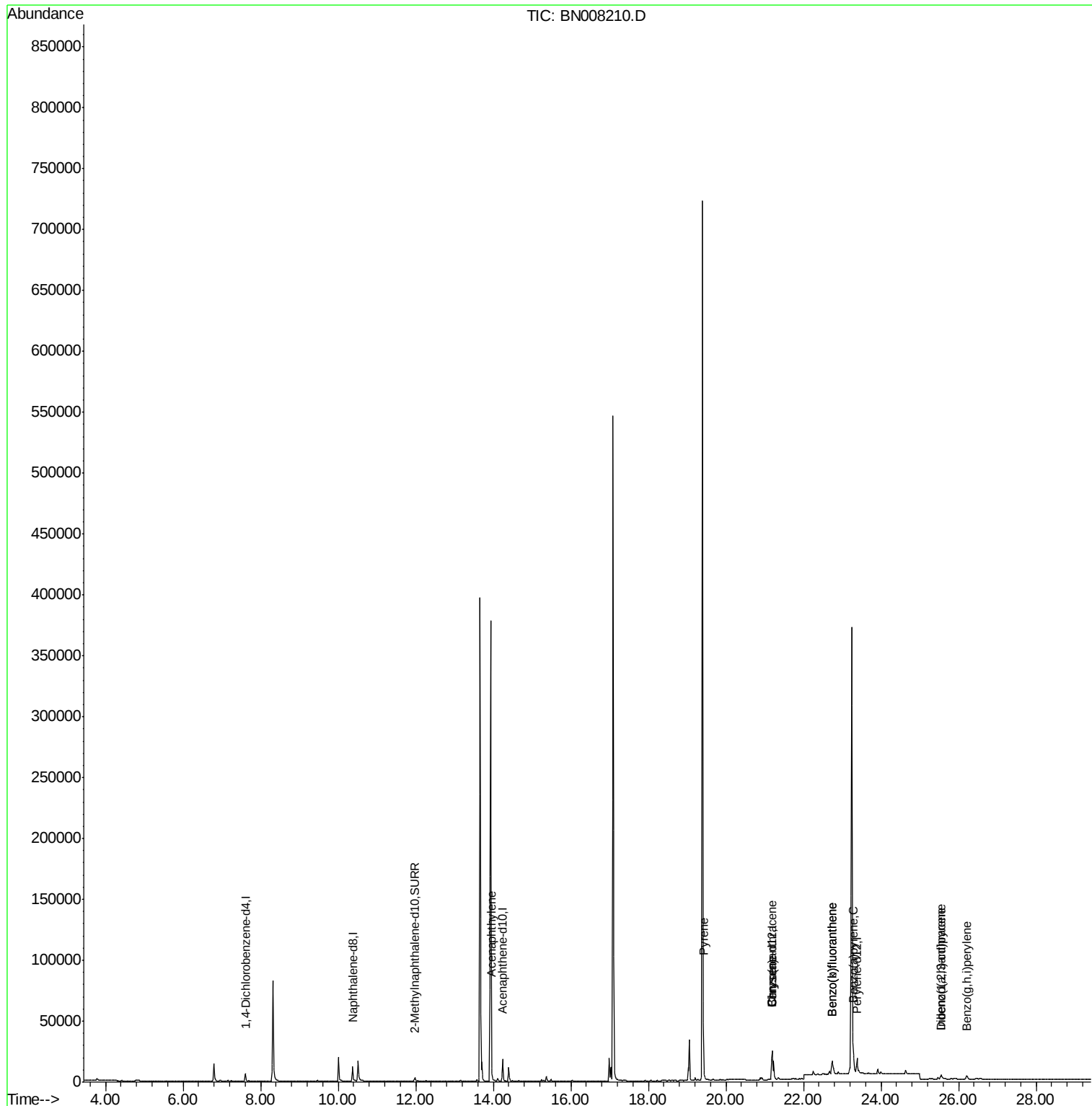
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4519	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	12519	0.00	ng/ul	0.00

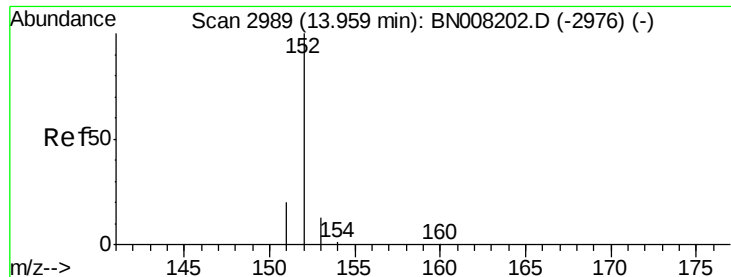
Target Compounds				Qvalue		
7) Acenaphthylene	13.96	152	1016	0.021	ng/ul#	83
17) Pyrene	19.42	202	27928	0.399	ng/ul	99
18) Benzo(a)anthracene	21.18	228	14772	0.231	ng/ul	92
19) Chrysene	21.18	228	14772	0.188	ng/ul	96
21) Benzo(b)fluoranthene	22.73	252	19661	0.440	ng/ul#	57
22) Benzo(k)fluoranthene	22.73	252	19661	0.389	ng/ul#	56
23) Benzo(a)pyrene	23.28	252	10766	0.229	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.55	276	6251	0.113	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	1411	0.032	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	6237	0.123	ng/ul#	79

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

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#7

Acenaphthylene

Concen: 0.021 ng/ul

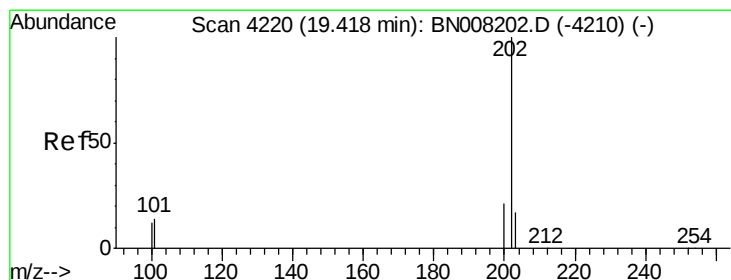
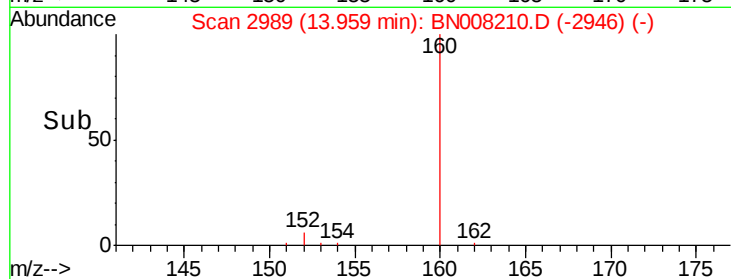
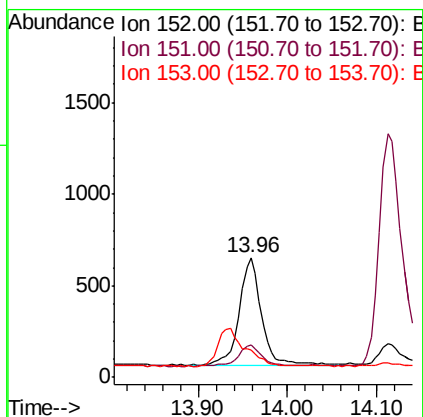
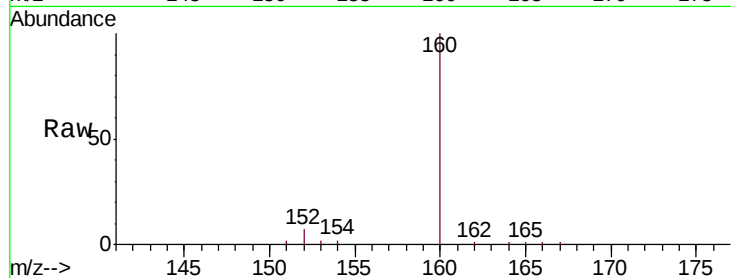
RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

Tgt Ion:	152	Resp:	1016
Ion	Ratio	Lower	Upper
152	100		
151	26.8	16.2	24.4#
153	22.7	11.0	16.4#



#17

Pyrene

Concen: 0.399 ng/ul

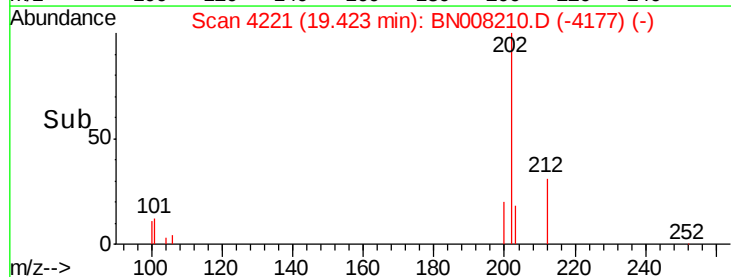
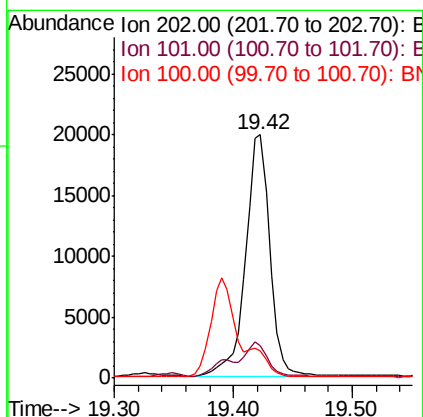
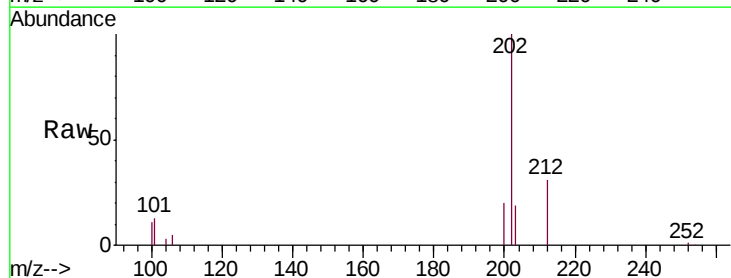
RT: 19.42 min Scan# 4221

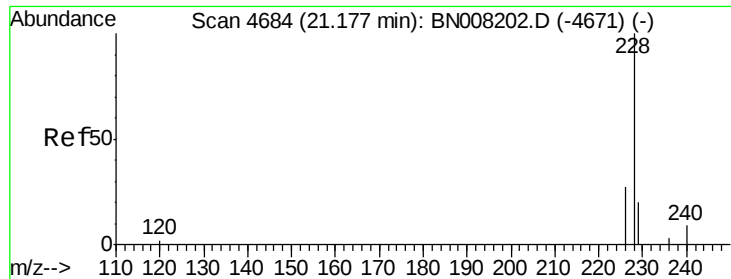
Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

Tgt Ion:	202	Resp:	27928
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
100	11.3	8.7	13.1





#18

Benzo(a)anthracene

Concen: 0.231 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

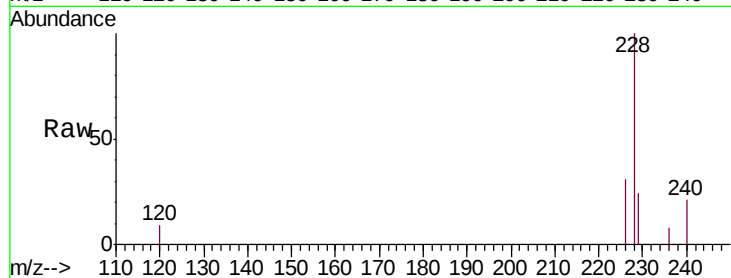
Tgt Ion:228 Resp: 14772

Ion Ratio Lower Upper

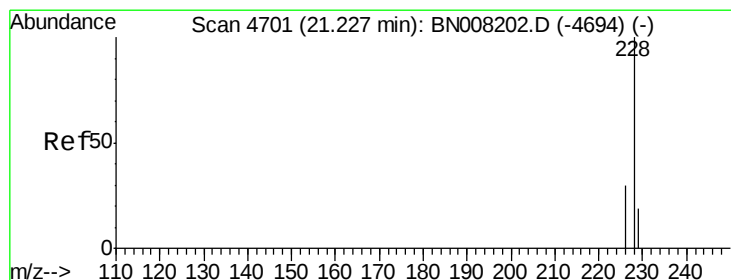
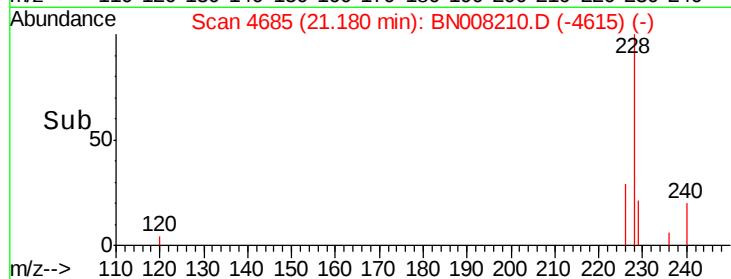
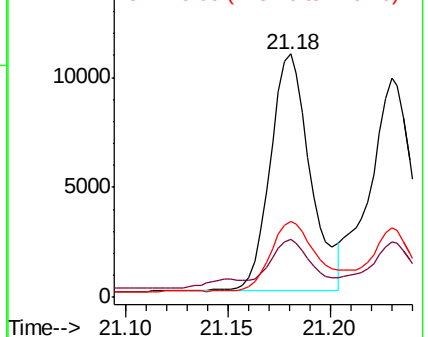
228 100

229 23.8 16.2 24.2

226 31.0 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.188 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. -0.05 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

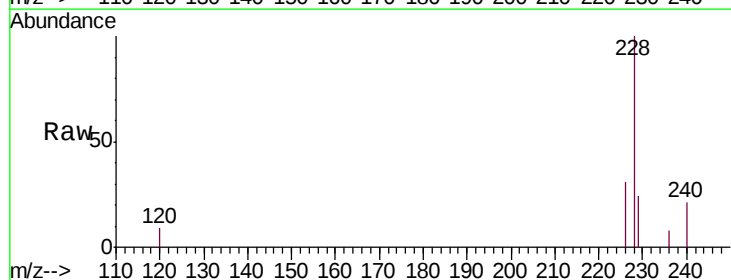
Tgt Ion:228 Resp: 14772

Ion Ratio Lower Upper

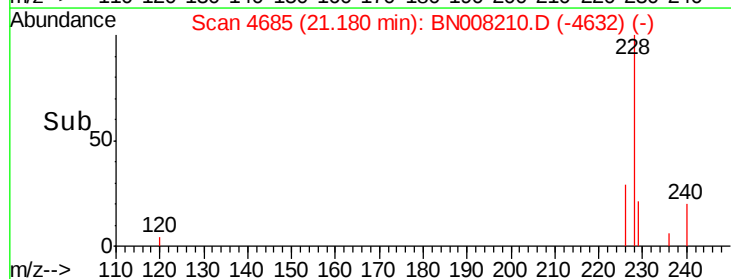
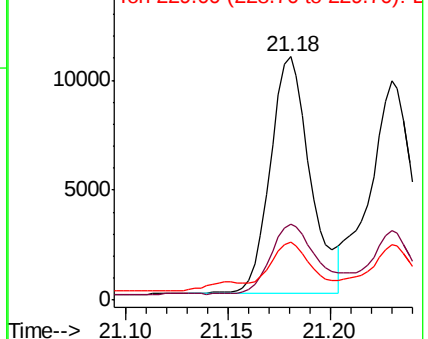
228 100

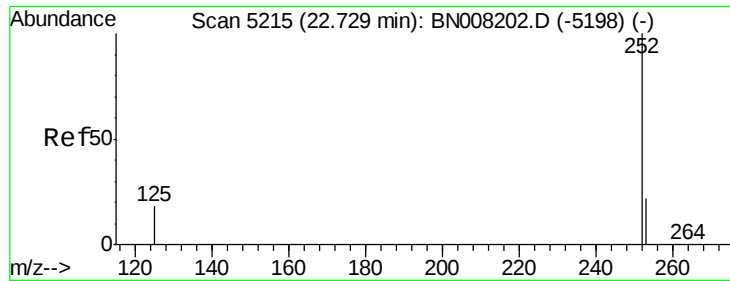
226 31.0 24.1 36.1

229 23.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.440 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

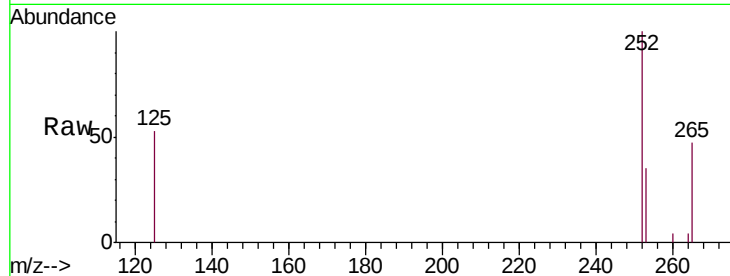
Tgt Ion: 252 Resp: 19661

Ion Ratio Lower Upper

252 100

253 35.2 0.0 53.4

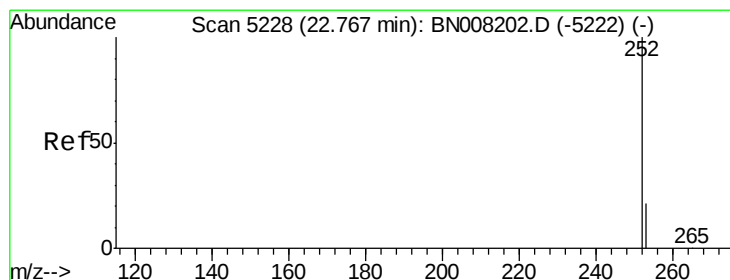
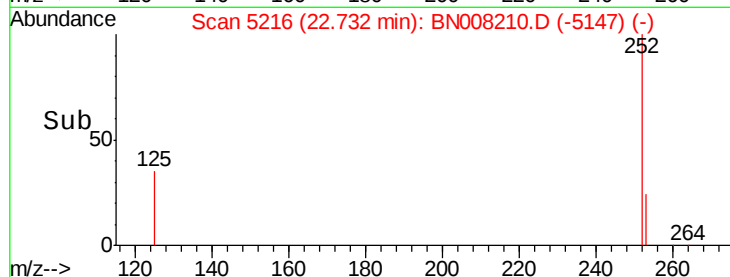
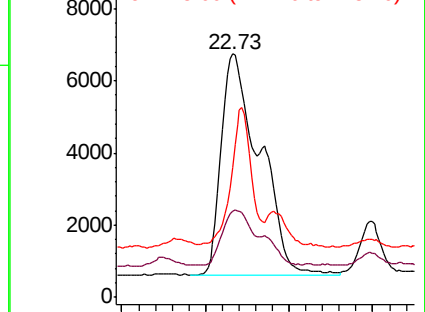
125 53.2 0.0 32.4#



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: 0.389 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.03 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

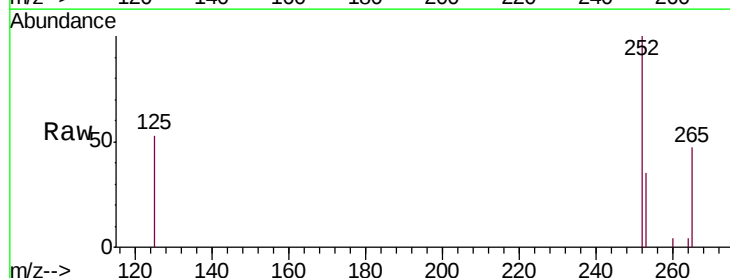
Tgt Ion: 252 Resp: 19661

Ion Ratio Lower Upper

252 100

253 35.2 21.3 31.9#

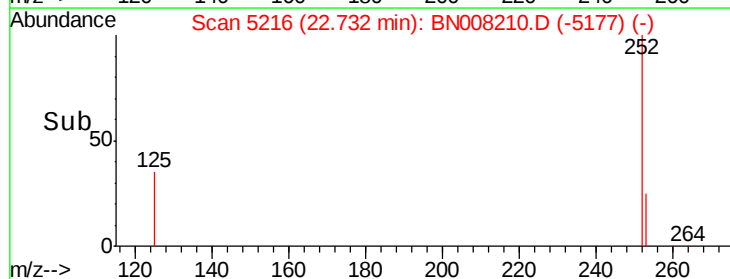
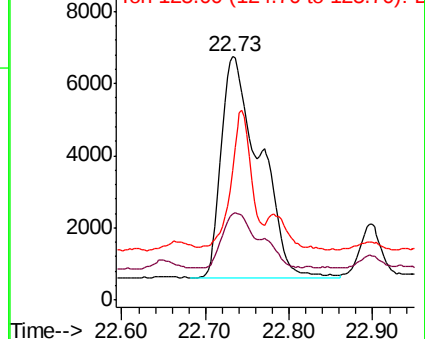
125 53.2 12.3 18.5#

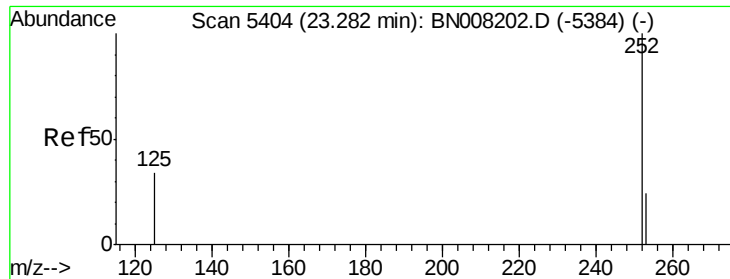


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.229 ng/ul

RT: 23.28 min Scan# 5405

Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

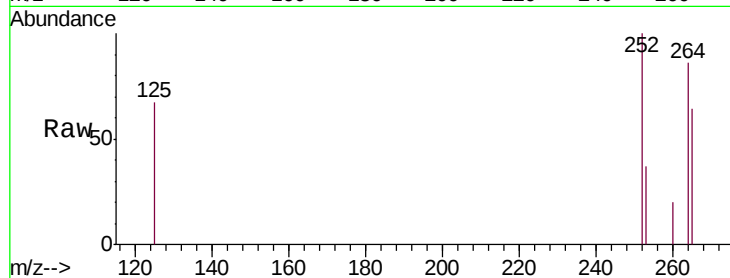
Tgt Ion: 252 Resp: 10766

Ion Ratio Lower Upper

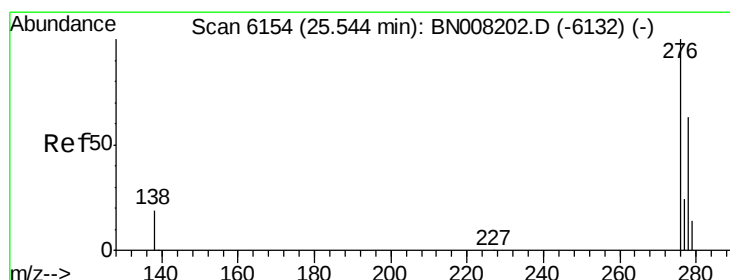
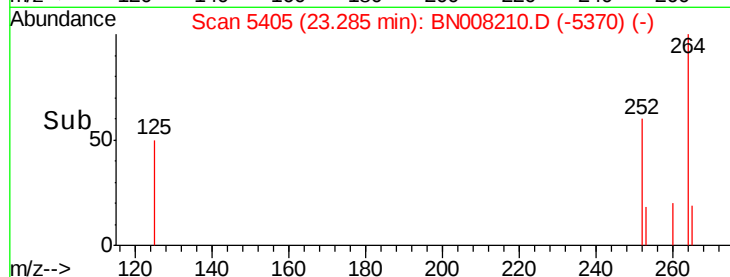
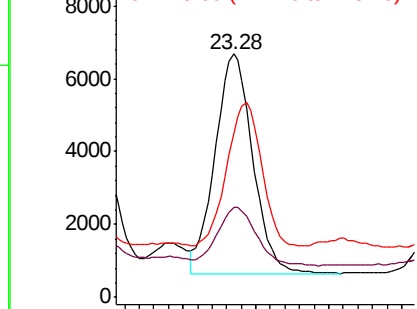
252 100

253 36.8 22.8 34.2#

125 67.3 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: 0.113 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. 0.00 min

Lab File: BN008210.D

Acq: 16 Oct 2019 22:08

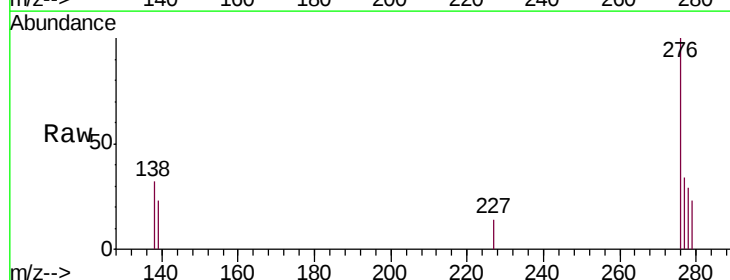
Tgt Ion: 276 Resp: 6251

Ion Ratio Lower Upper

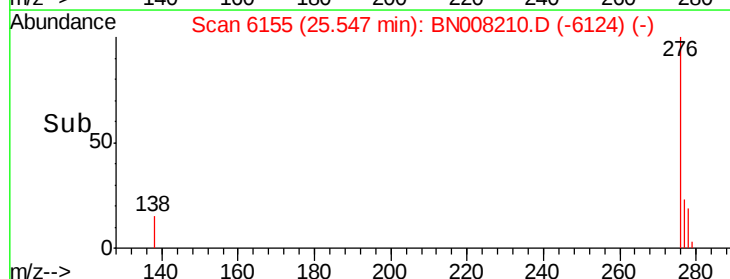
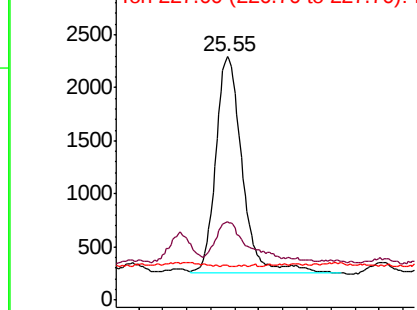
276 100

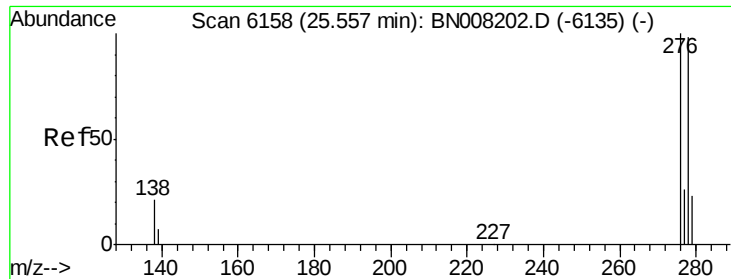
138 22.5 16.1 24.1

227 0.1 0.2 0.2#



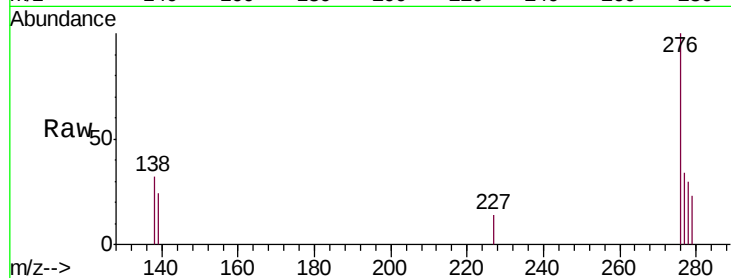
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



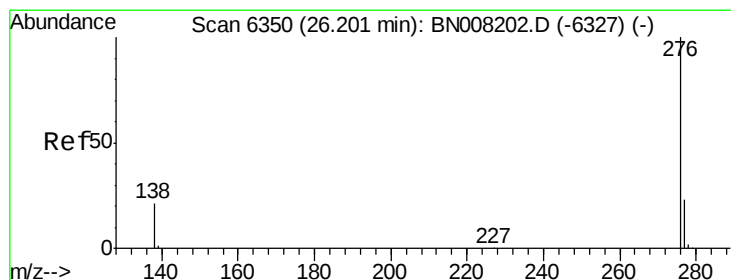
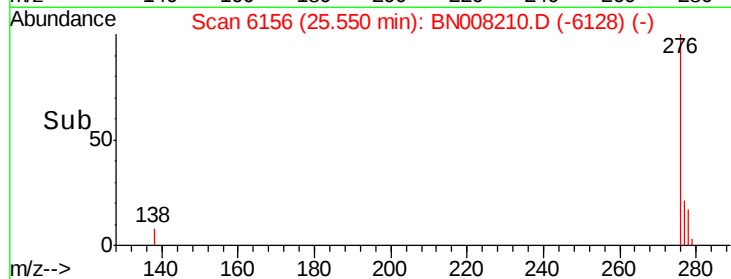
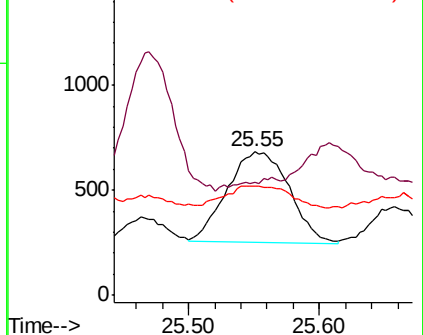


#25
Dibenzo(a,h)anthracene
Concen: 0.032 ng/u1
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion: 278 Resp: 1411
Ion Ratio Lower Upper
278 100
139 79.0 15.0 22.6#
279 76.1 22.4 33.6#

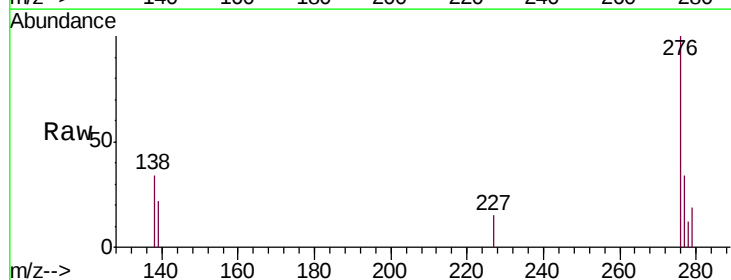


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.123 ng/u1
RT: 26.21 min Scan# 6353
Delta R.T. 0.01 min
Lab File: BN008210.D
Acq: 16 Oct 2019 22:08

Tgt Ion: 276 Resp: 6237
Ion Ratio Lower Upper
276 100
138 33.8 17.0 25.4#
277 33.6 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

