

Data File : BN008207.D
Acq On : 16 Oct 2019 20:19
Operator : JU
Sample : K5124-10 DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 17 01:52:43 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	7.60	152	3253	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10214	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	15091	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	12476	0.40	ng/ul	0.00

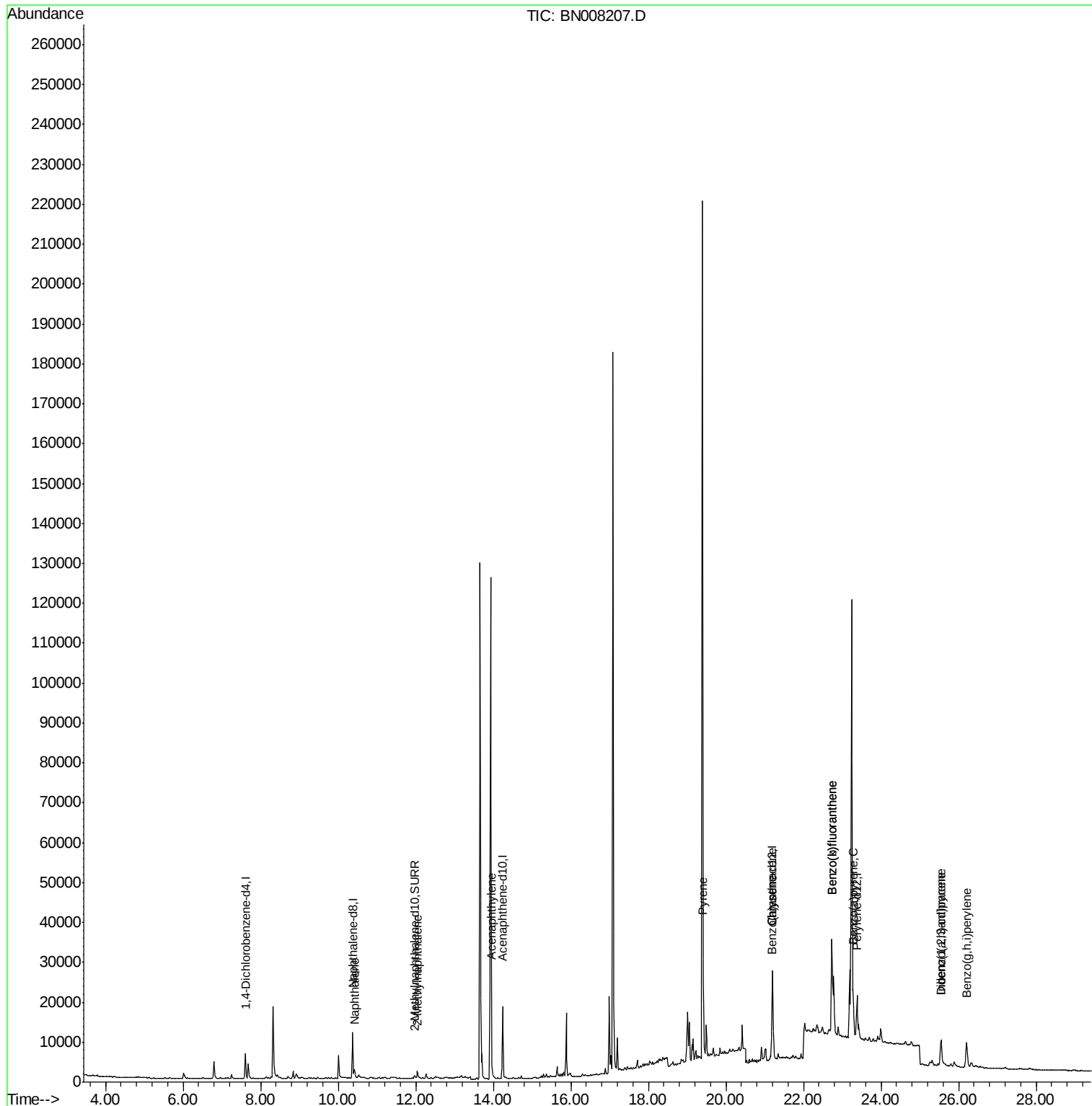
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1046	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	2780	0.00	ng/ul	0.00

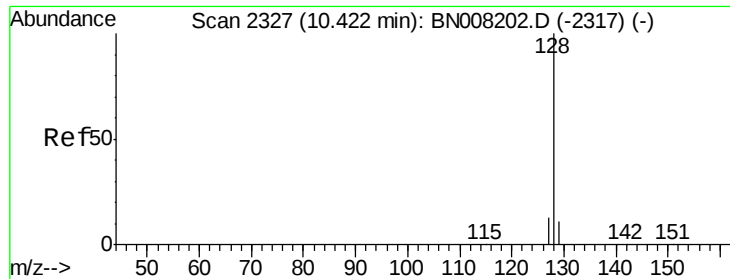
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	3082	0.069	ng/ul#	93
5) 2-Methylnaphthalene	12.04	142	1413	0.046	ng/ul	99
7) Acenaphthylene	13.96	152	1155	0.024	ng/ul#	79
17) Pyrene	19.42	202	13562	0.226	ng/ul	97
18) Benzo(a)anthracene	21.18	228	3497	0.064	ng/ul#	48
19) Chrysene	21.21	228	17218	0.256	ng/ul#	86
21) Benzo(b)fluoranthene	22.73	252	45442	1.119	ng/ul#	69
22) Benzo(k)fluoranthene	22.73	252	45442	0.988	ng/ul#	68
23) Benzo(a)pyrene	23.28	252	13967	0.327	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.55	276	11126	0.221	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.55	278	2400	0.060	ng/ul#	1
26) Benzo(g,h,i)perylene	26.21	276	13017	0.282	ng/ul#	84

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

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#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

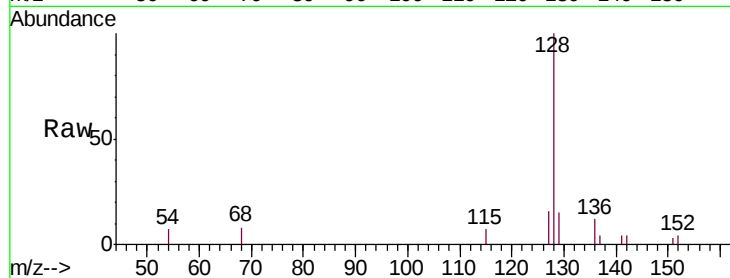
Tgt Ion:128 Resp: 3082

Ion Ratio Lower Upper

128 100

129 15.5 9.8 14.8#

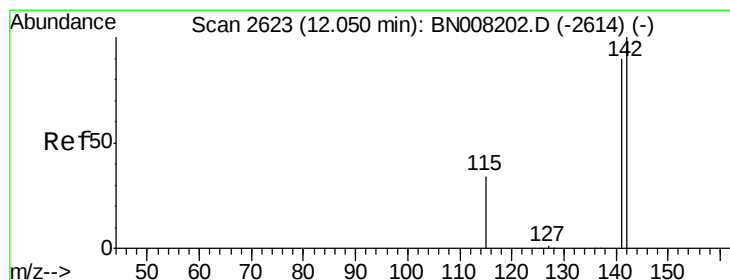
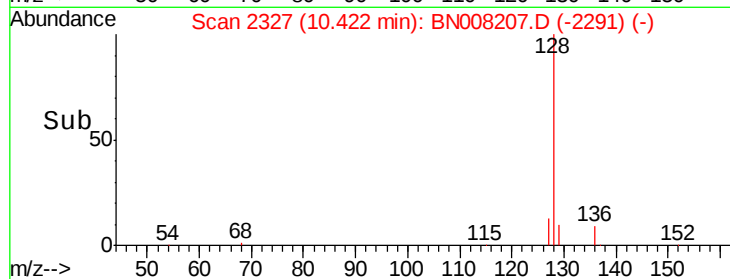
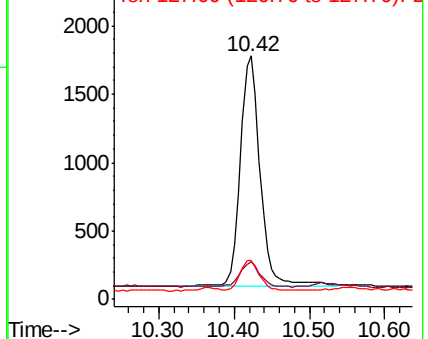
127 16.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.046 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008207.D

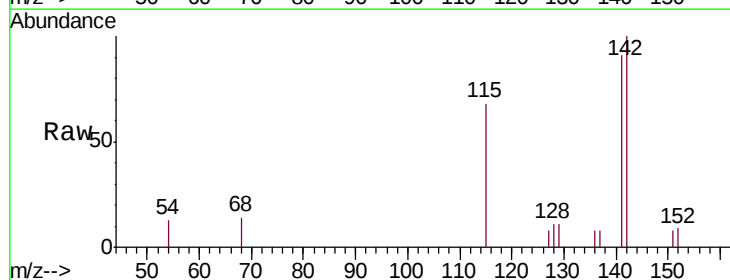
Acq: 16 Oct 2019 20:19

Tgt Ion:142 Resp: 1413

Ion Ratio Lower Upper

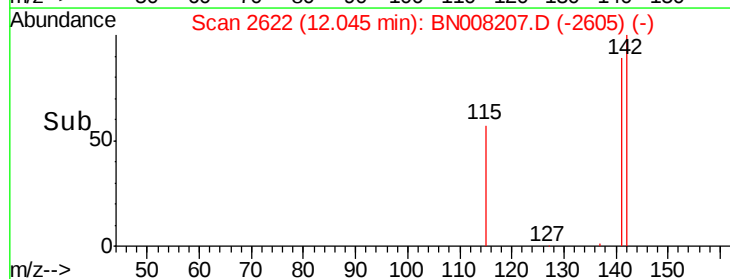
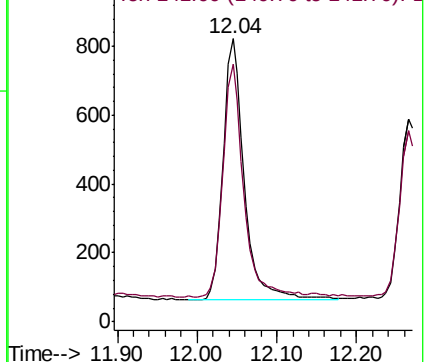
142 100

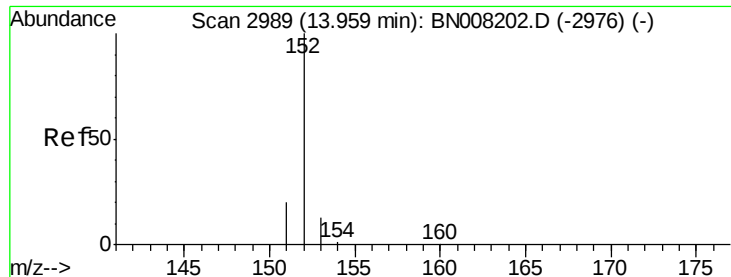
141 87.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

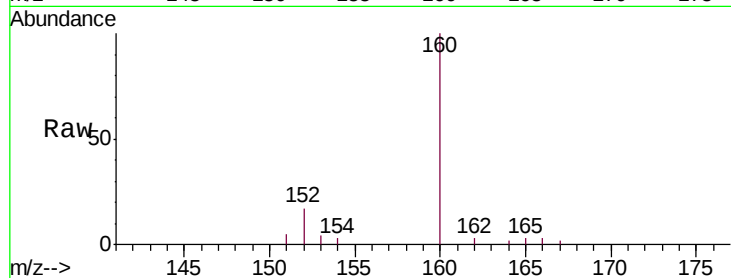
Tgt Ion:152 Resp: 1155

Ion Ratio Lower Upper

152 100

151 28.9 16.2 24.4#

153 23.9 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

800

13.96

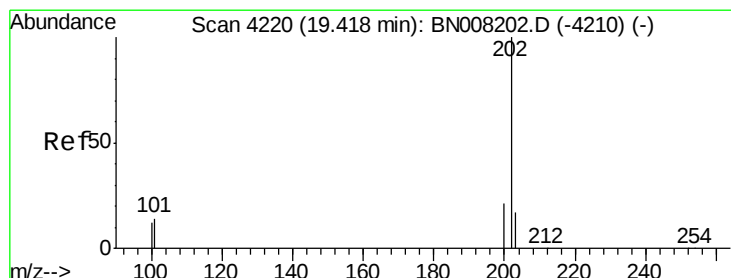
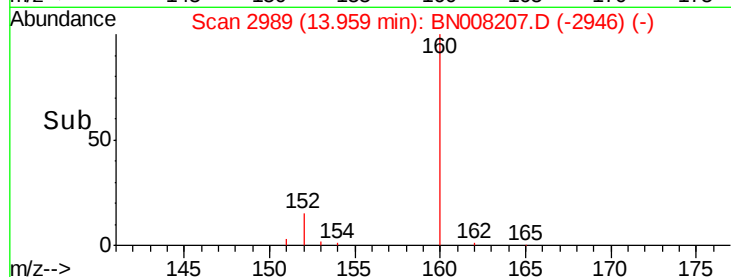
600

400

200

0

Time-->



#17

Pyrene

Concen: 0.226 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

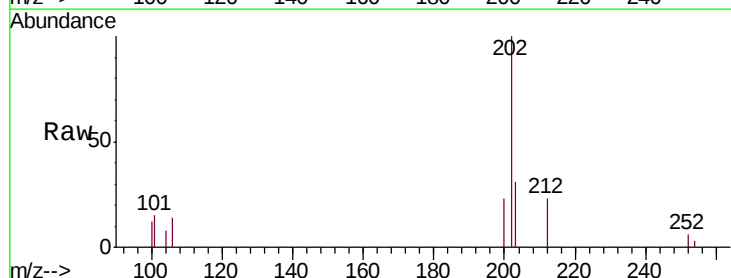
Tgt Ion:202 Resp: 13562

Ion Ratio Lower Upper

202 100

101 15.2 10.9 16.3

100 11.6 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): E

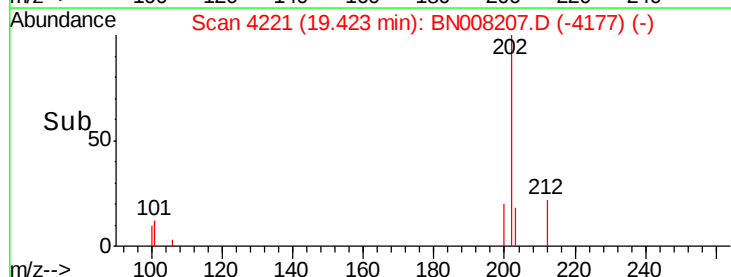
10000

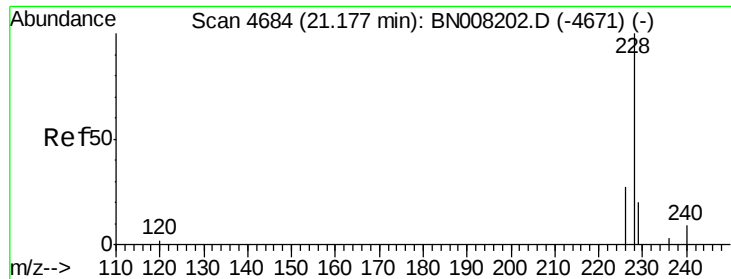
19.42

5000

0

Time-->





#18

Benzo(a)anthracene

Concen: 0.064 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

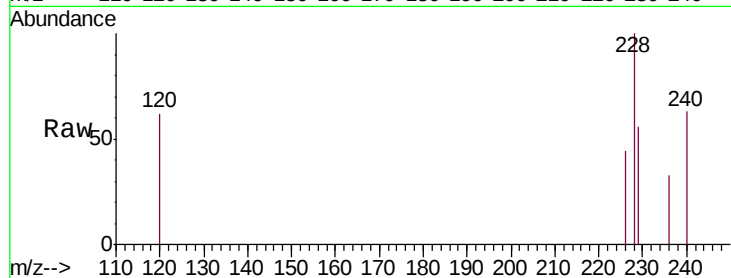
Tgt Ion: 228 Resp: 3497

Ion Ratio Lower Upper

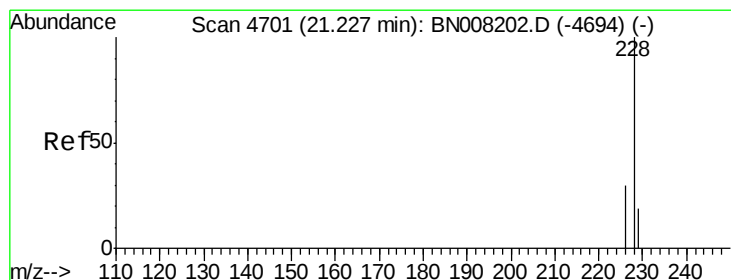
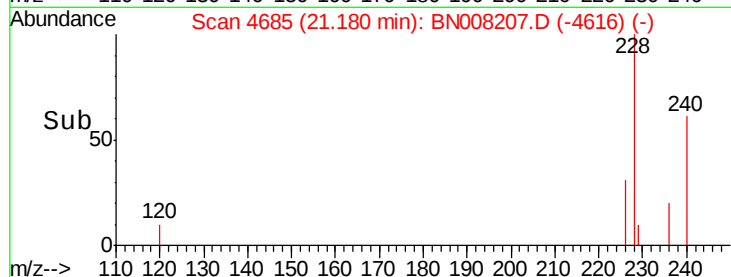
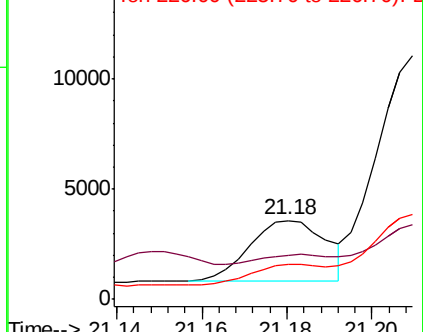
228 100

229 56.2 16.2 24.2#

226 43.7 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: 0.256 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.02 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

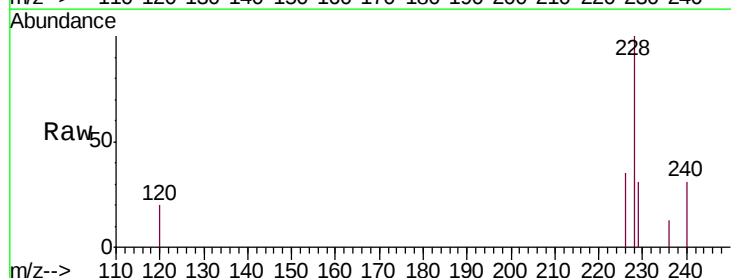
Tgt Ion: 228 Resp: 17218

Ion Ratio Lower Upper

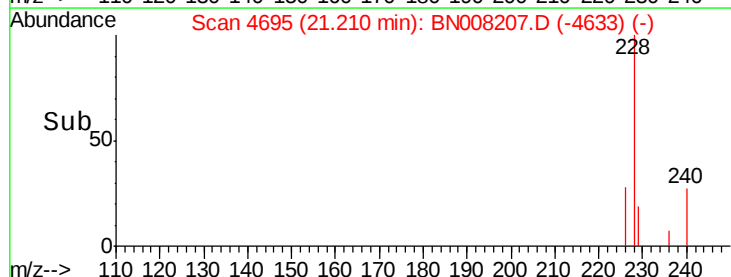
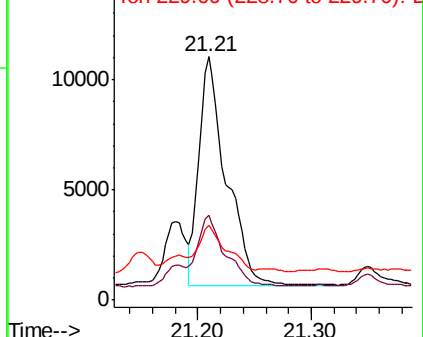
228 100

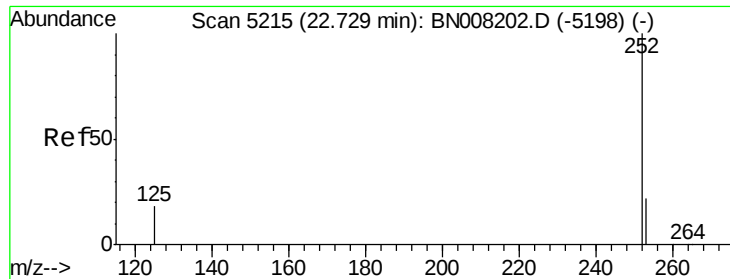
226 34.9 24.1 36.1

229 30.6 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: 1.119 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

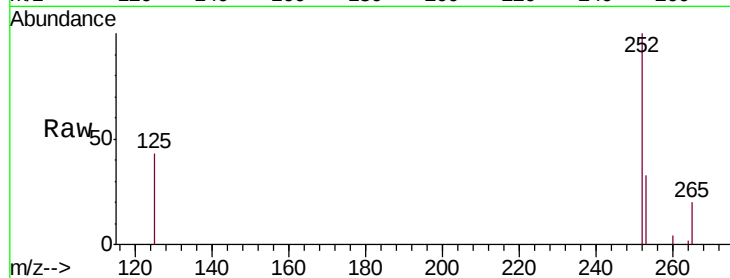
Tgt Ion:252 Resp: 45442

Ion Ratio Lower Upper

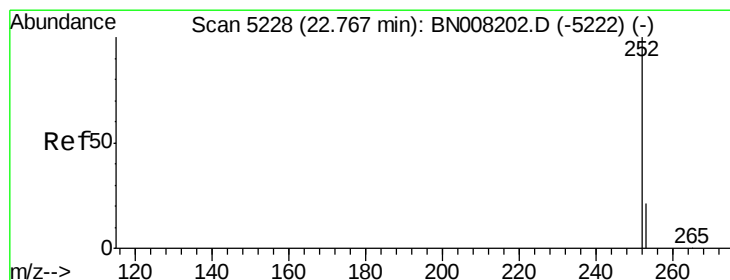
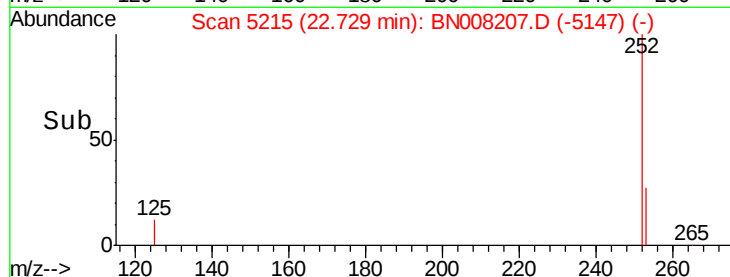
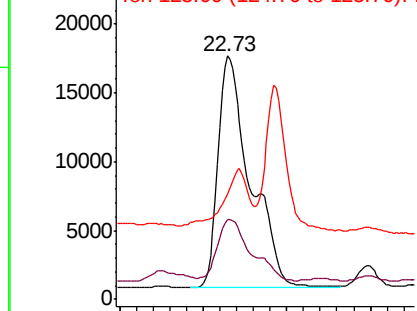
252 100

253 32.8 0.0 53.4

125 43.3 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: 0.988 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.04 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

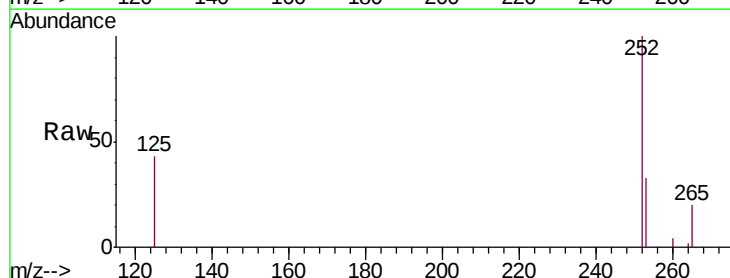
Tgt Ion:252 Resp: 45442

Ion Ratio Lower Upper

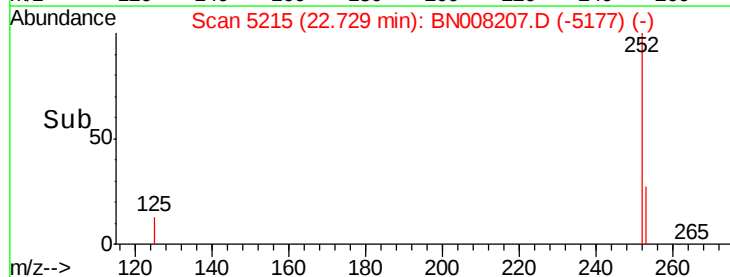
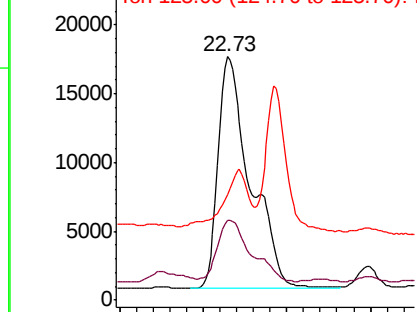
252 100

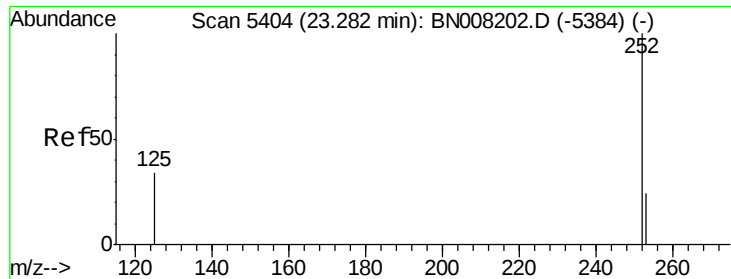
253 32.8 21.3 31.9#

125 43.3 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: 0.327 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

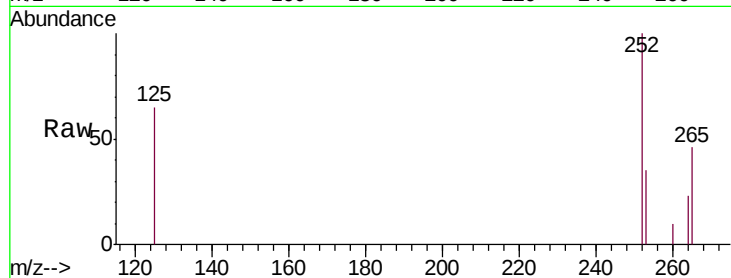
Tgt Ion: 252 Resp: 13967

Ion Ratio Lower Upper

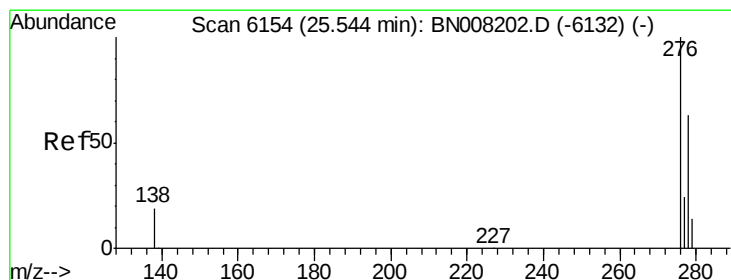
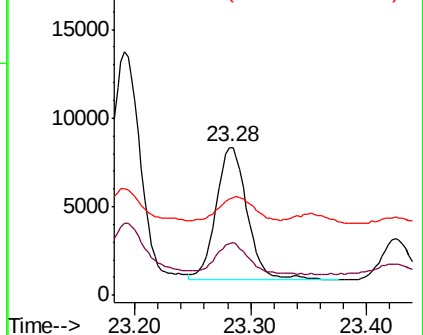
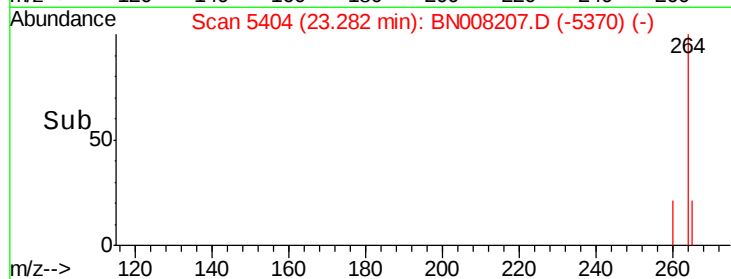
252 100

253 35.3 22.8 34.2#

125 65.4 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: 0.221 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

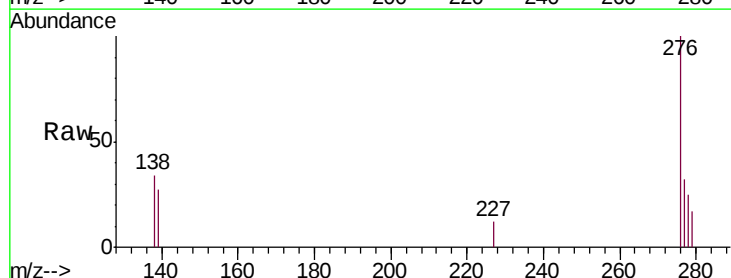
Tgt Ion: 276 Resp: 11126

Ion Ratio Lower Upper

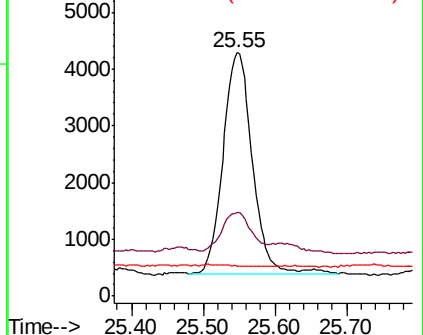
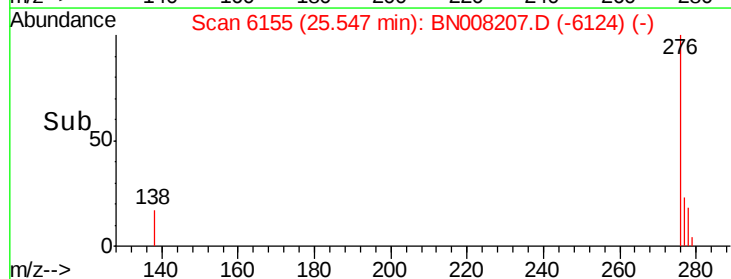
276 100

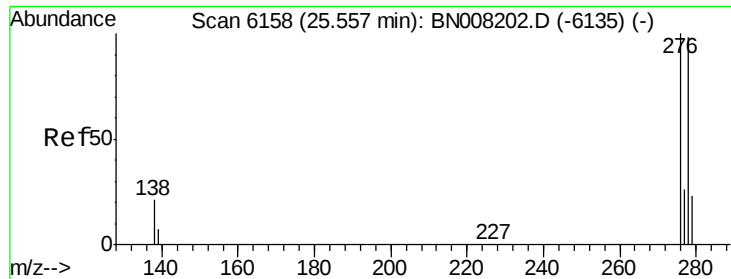
138 24.2 16.1 24.1#

227 0.0 0.2 0.2#



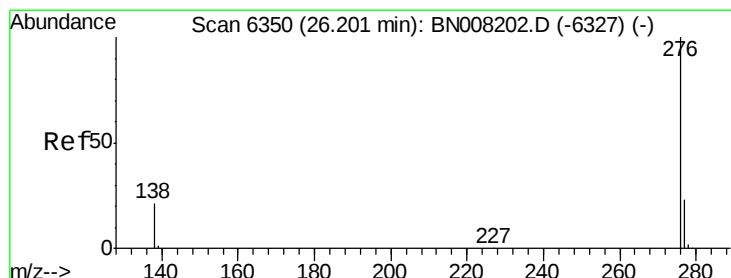
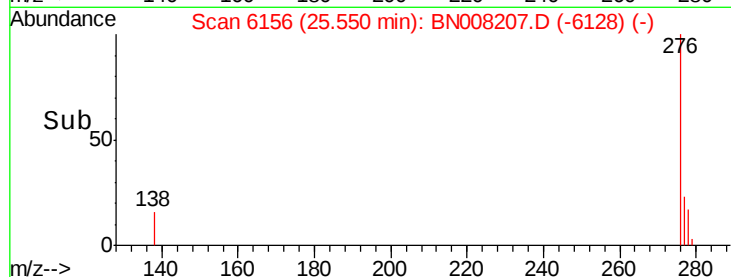
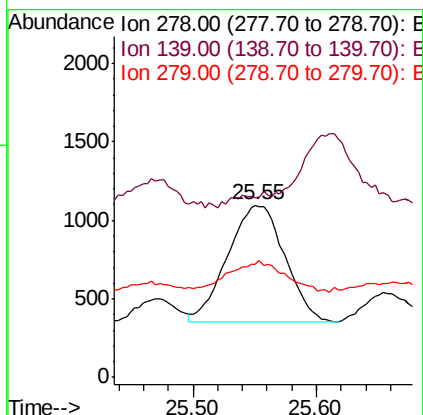
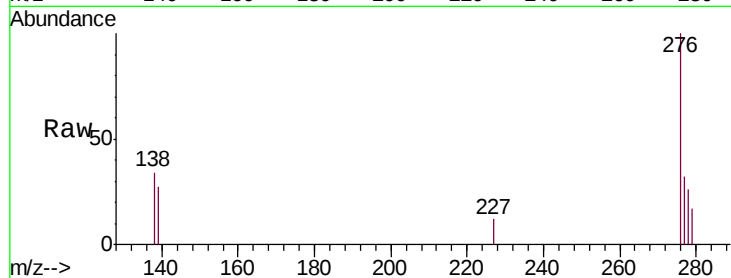
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tgt Ion: 278 Resp: 2400
Ion Ratio Lower Upper
278 100
139 104.1 15.0 22.6#
279 65.3 22.4 33.6#



#26
Benzo(g,h,i)perylene
Concen: 0.282 ng/u1
RT: 26.21 min Scan# 6352
Delta R.T. 0.01 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tgt Ion: 276 Resp: 13017
Ion Ratio Lower Upper
276 100
138 32.6 17.0 25.4#
277 30.4 20.4 30.6

