

Data File : BN008205.D
Acq On : 16 Oct 2019 19:07
Operator : JU
Sample : K5124-02 DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 17 01:52:13 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	3486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16490	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10237	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	13485	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13880	0.40	ng/ul	0.00

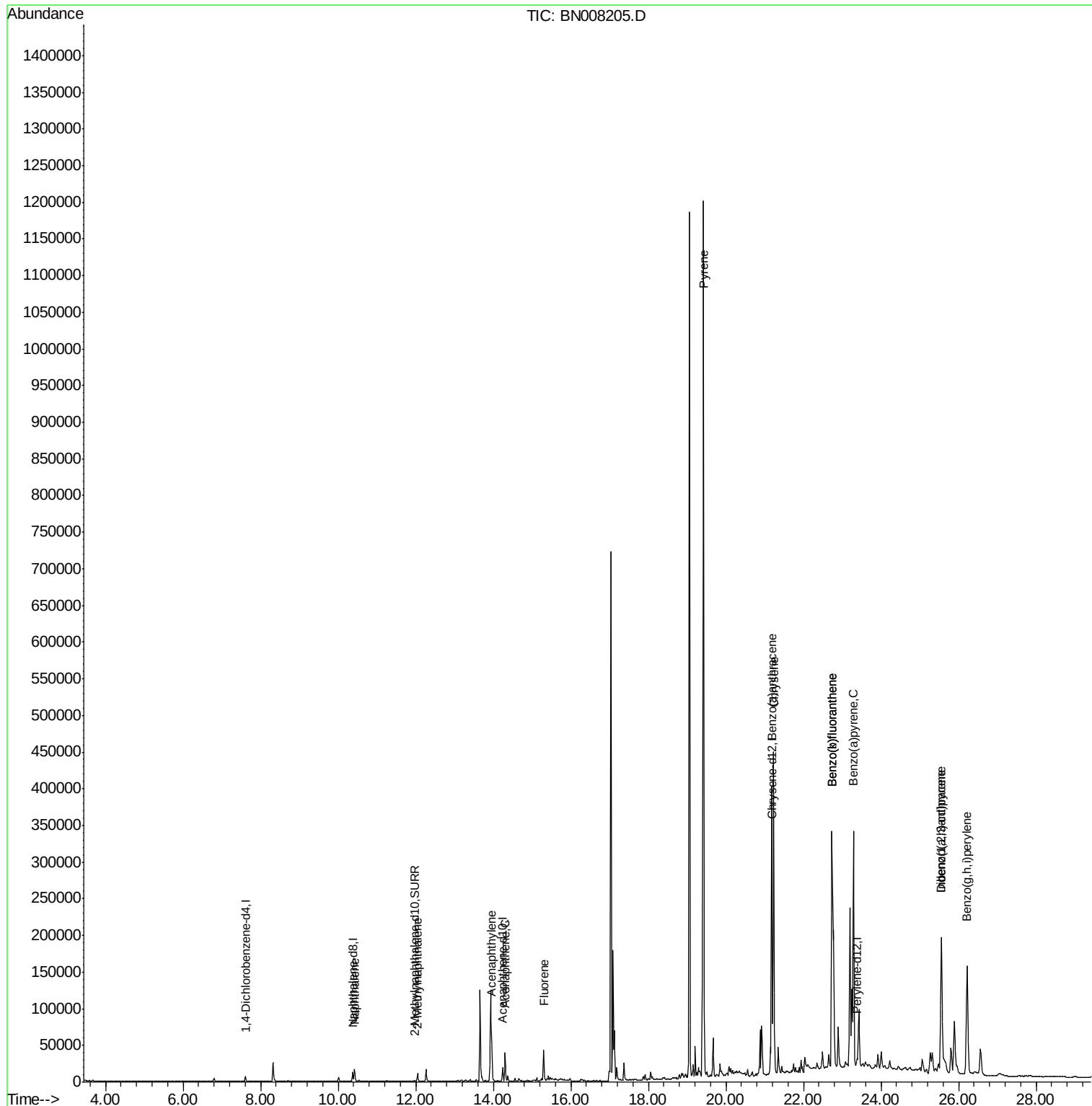
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1044	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1999	0.00	ng/ul	0.00

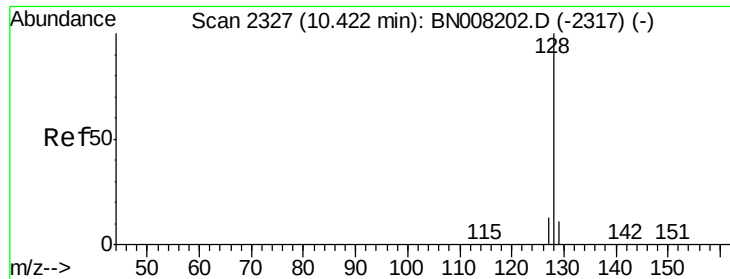
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	22950	0.489	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	8959	0.278	ng/ul	100
7) Acenaphthylene	13.96	152	61012	1.251	ng/ul	100
8) Acenaphthene	14.31	153	22075	0.582	ng/ul	100
9) Fluorene	15.30	166	26263	0.610	ng/ul	97
17) Pyrene	19.42	202	962005	17.917	ng/ul	99
18) Benzo(a)anthracene	21.18	228	324286	6.614	ng/ul	96
19) Chrysene	21.23	228	401001	6.665	ng/ul	97
21) Benzo(b)fluoranthene	22.73	252	711097	15.738	ng/ul	96
22) Benzo(k)fluoranthene	22.73	252	711097	13.893	ng/ul	97
23) Benzo(a)pyrene	23.29	252	409751	8.618	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.55	276	287926	5.141	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.56	278	60930	1.376	ng/ul#	92
26) Benzo(g,h,i)perylene	26.22	276	293133	5.708	ng/ul	99

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

Data File : BN008205.D
Acq On : 16 Oct 2019 19:07
Operator : JU
Sample : K5124-02 DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 17 01:52:13 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





#3

Naphthalene

Concen: 0.489 ng/ul

RT: 10.42 min Scan# 2327

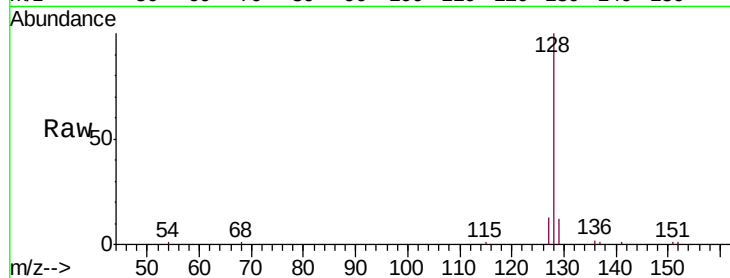
Delta R.T. 0.00 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

Tgt Ion:128 Resp: 22950

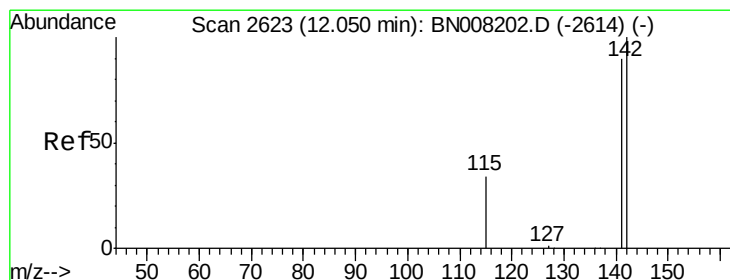
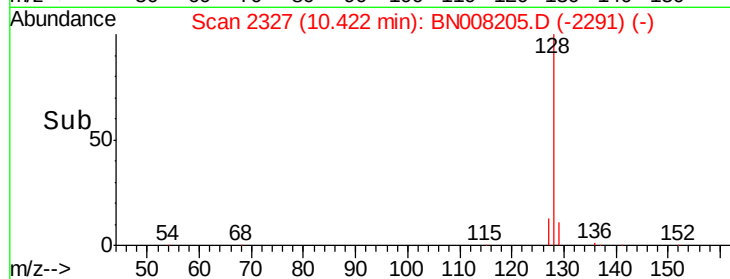
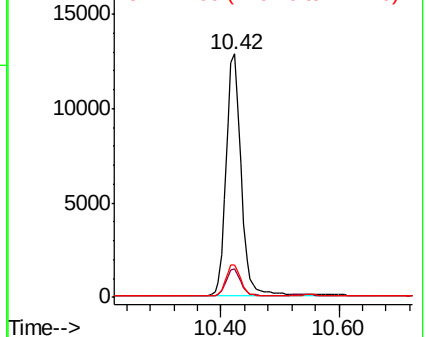
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.3	11.1	16.7



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: 0.278 ng/ul

RT: 12.04 min Scan# 2622

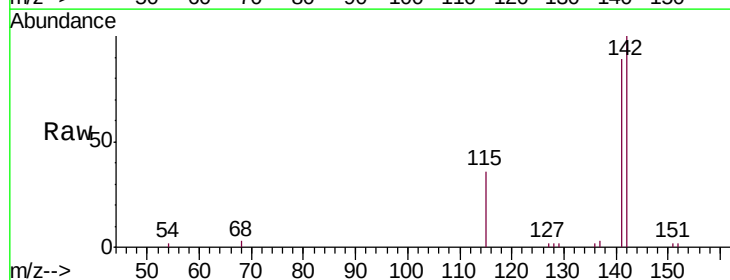
Delta R.T. -0.01 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

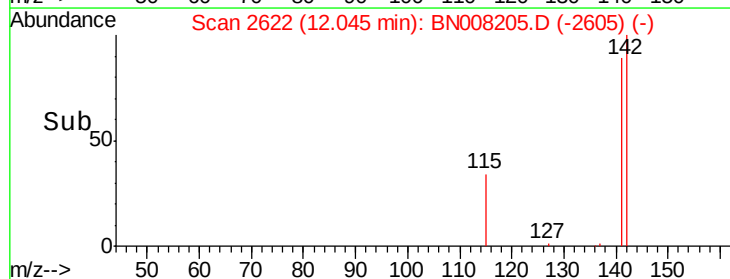
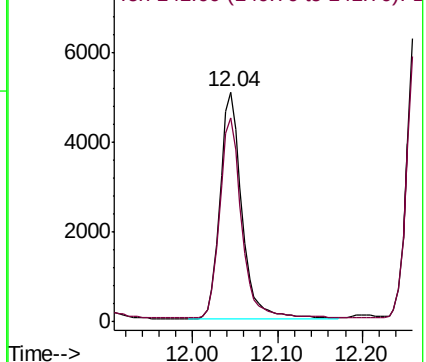
Tgt Ion:142 Resp: 8959

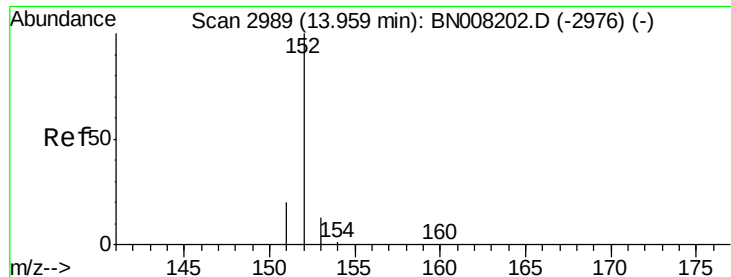
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.251 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

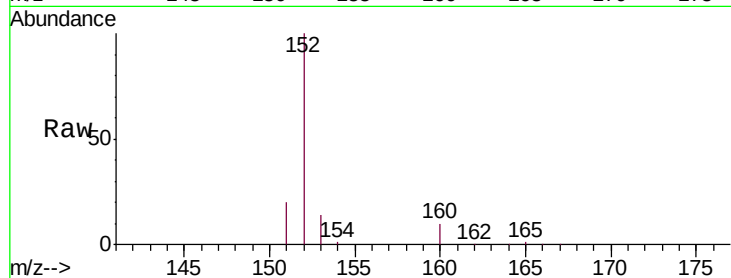
Tgt Ion:152 Resp: 61012

Ion Ratio Lower Upper

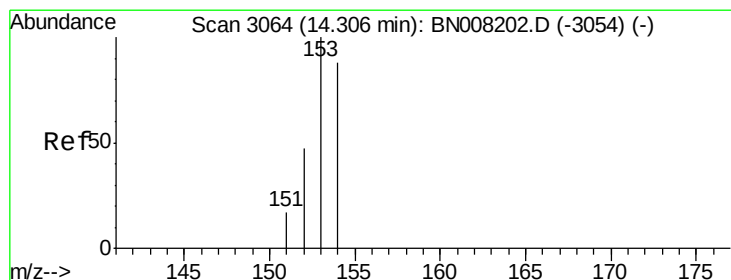
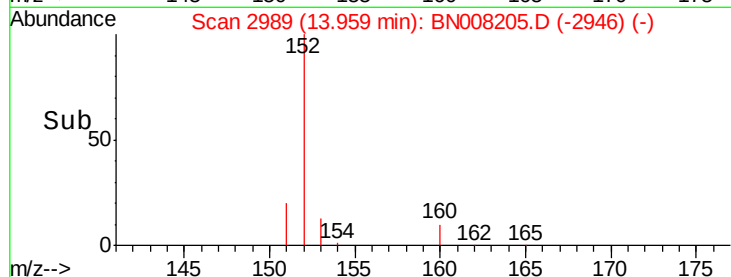
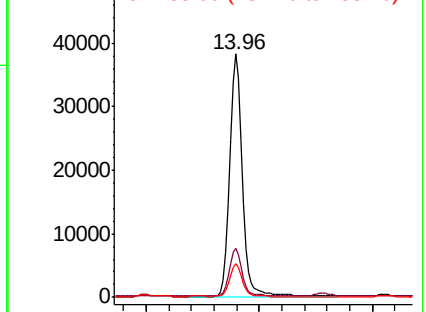
152 100

151 20.2 16.2 24.4

153 13.6 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



#8

Acenaphthene

Concen: 0.582 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

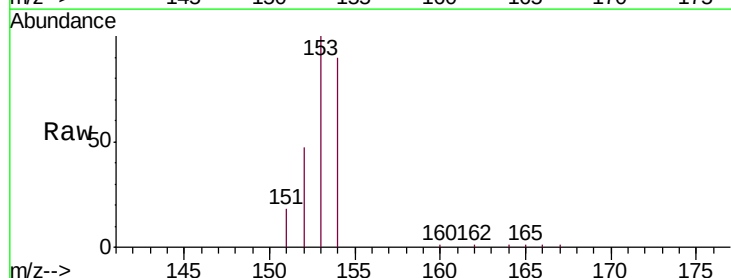
Tgt Ion:153 Resp: 22075

Ion Ratio Lower Upper

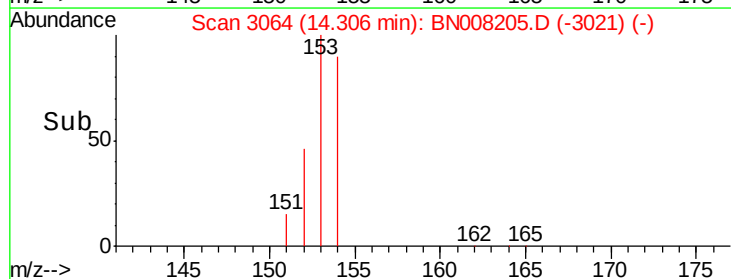
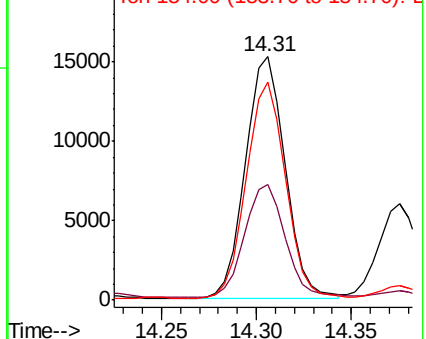
153 100

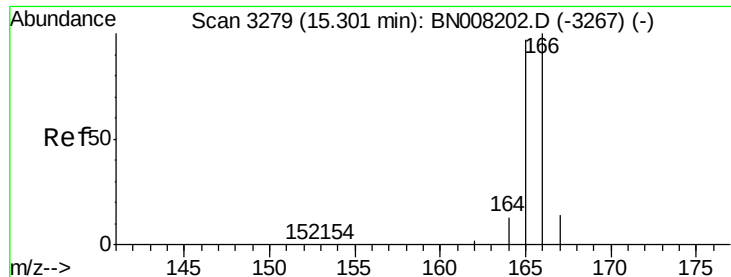
152 47.3 38.2 57.2

154 89.6 71.8 107.8



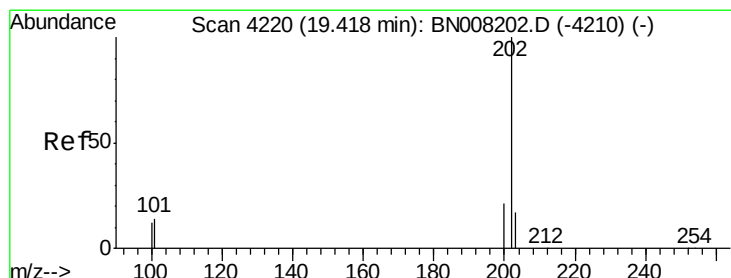
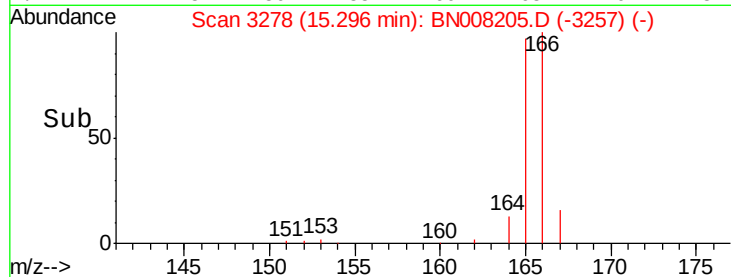
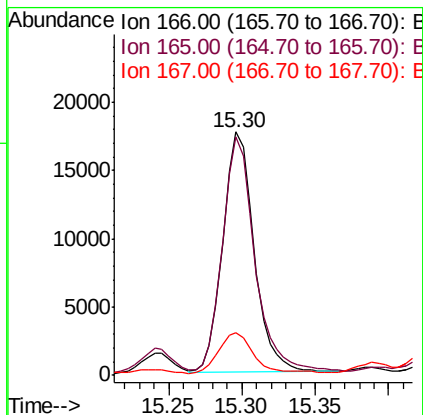
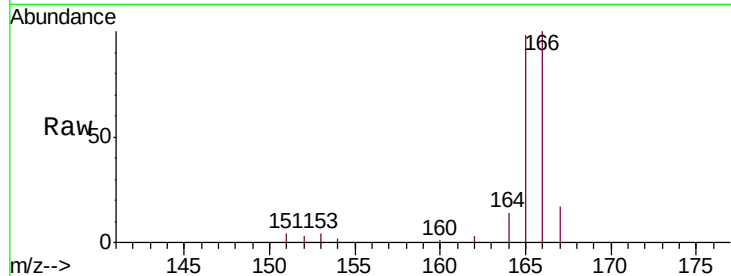
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





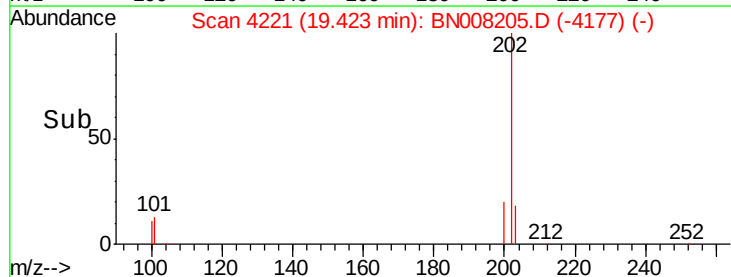
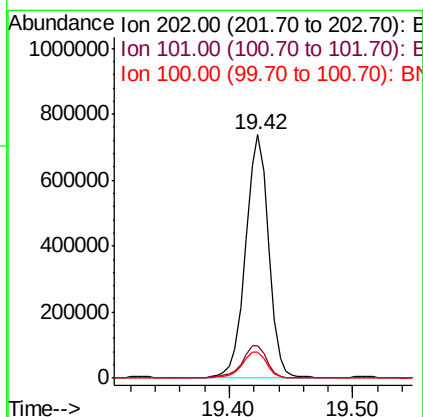
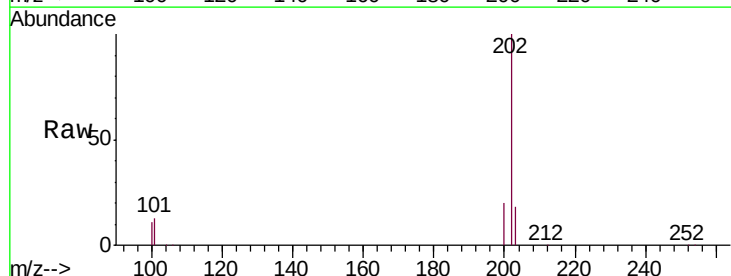
#9
Fluorene
 Concen: 0.610 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008205.D
 Acq: 16 Oct 2019 19:07

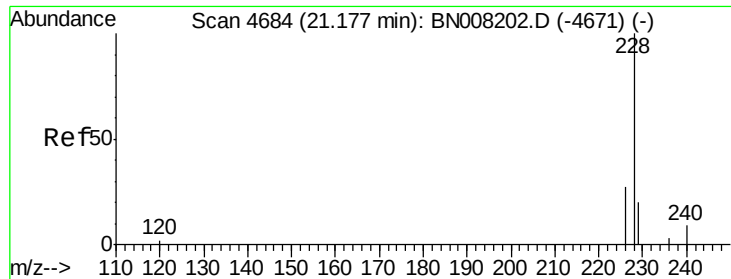
Tgt Ion: 166 Resp: 26263
 Ion Ratio Lower Upper
 166 100
 165 98.1 76.6 115.0
 167 17.5 11.7 17.5



#17
Pyrene
 Concen: 17.917 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BN008205.D
 Acq: 16 Oct 2019 19:07

Tgt Ion: 202 Resp: 962005
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.9 16.3
 100 10.8 8.7 13.1





#18

Benzo(a)anthracene

Concen: 6.614 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. 0.00 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

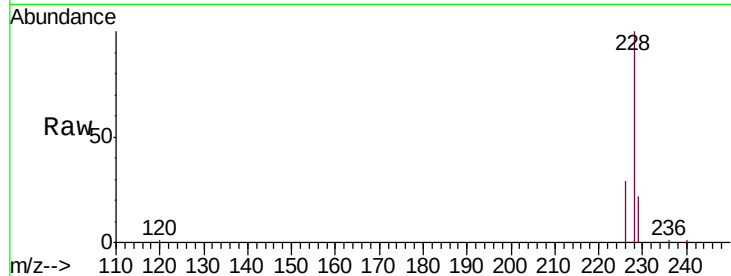
Tgt Ion:228 Resp: 324286

Ion Ratio Lower Upper

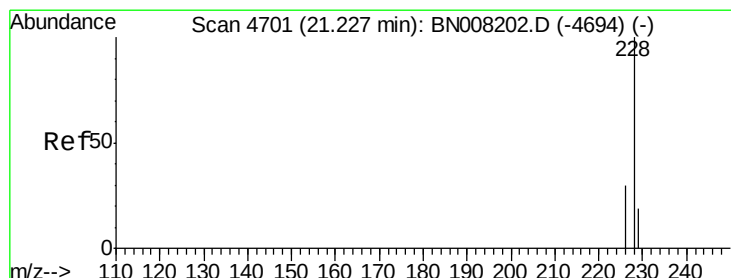
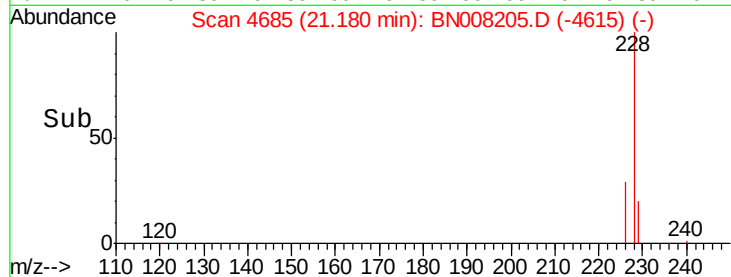
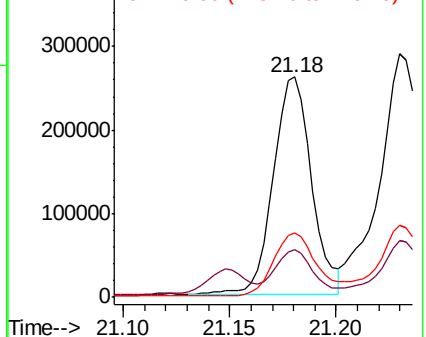
228 100

229 21.6 16.2 24.2

226 29.3 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: 6.665 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

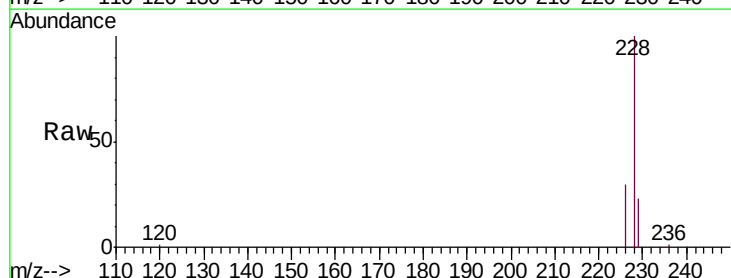
Tgt Ion:228 Resp: 401001

Ion Ratio Lower Upper

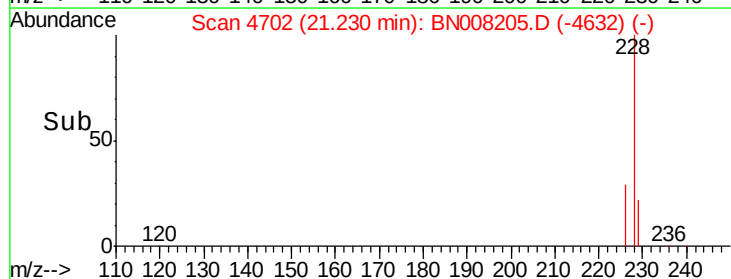
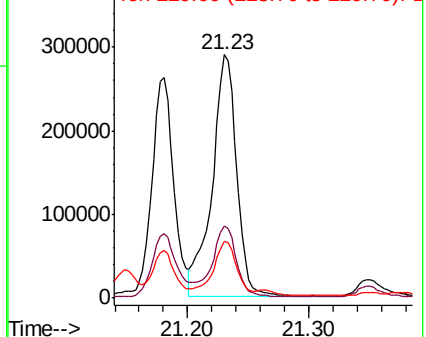
228 100

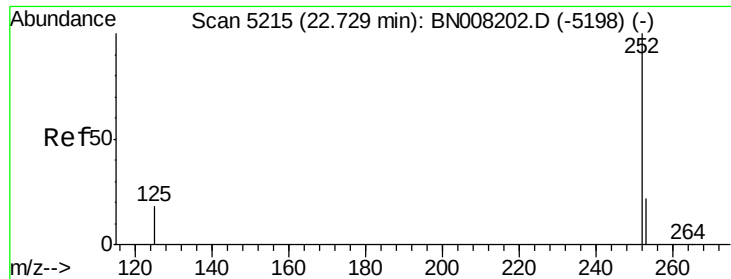
226 29.9 24.1 36.1

229 23.0 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: 15.738 ng/ul

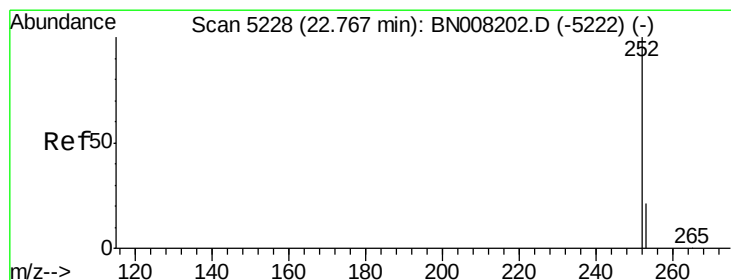
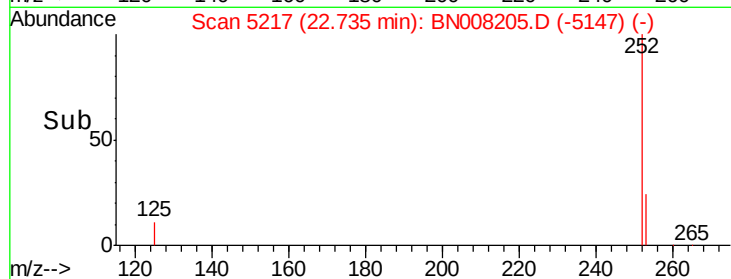
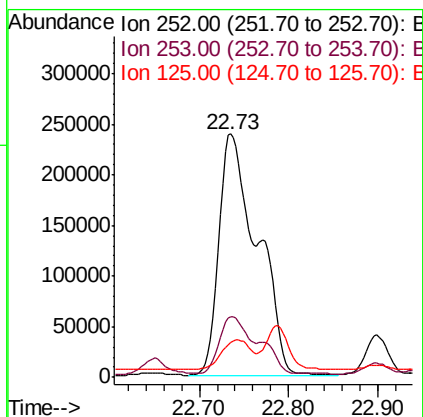
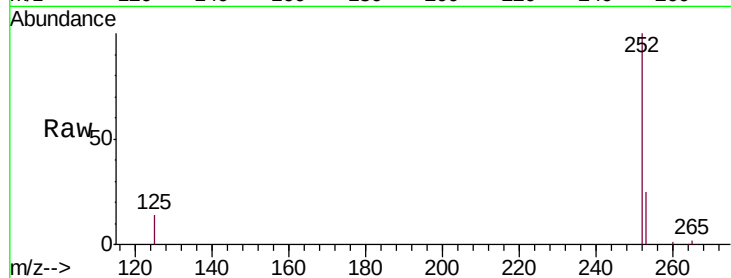
RT: 22.73 min Scan# 5217

Delta R.T. 0.01 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

Tgt Ion:	252	Resp:	711097
Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.4
125	14.3	0.0	32.4



#22

Benzo(k)fluoranthene

Concen: 13.893 ng/ul

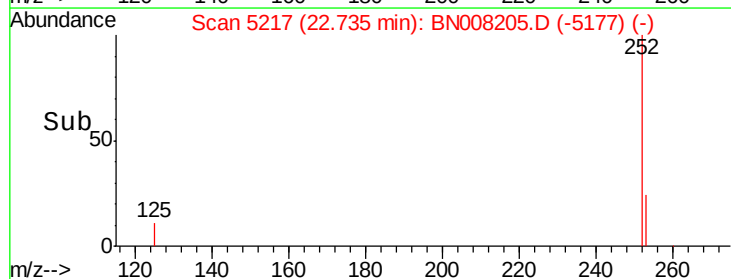
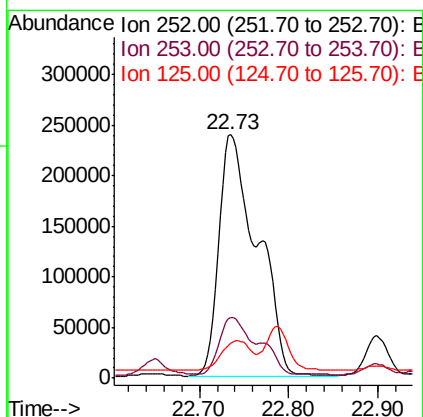
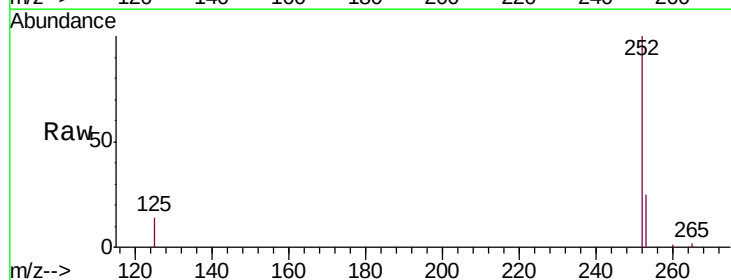
RT: 22.73 min Scan# 5217

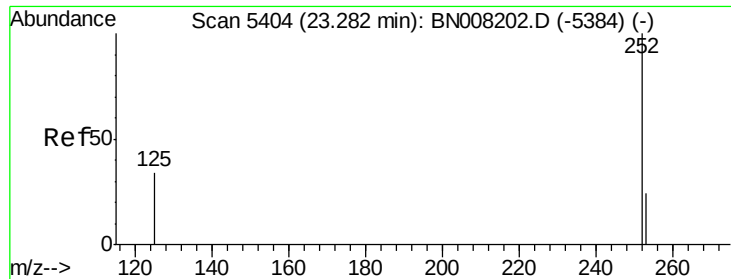
Delta R.T. -0.03 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

Tgt Ion:	252	Resp:	711097
Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.3	31.9
125	14.3	12.3	18.5





#23

Benzo(a)pyrene

Concen: 8.618 ng/ul

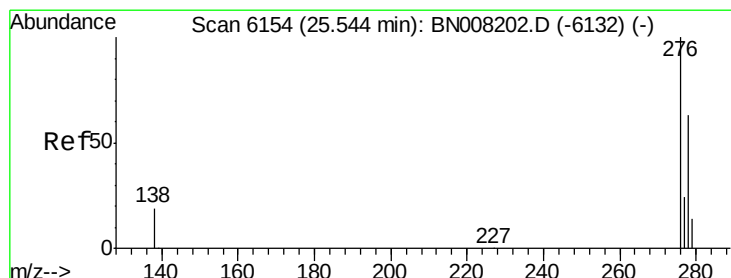
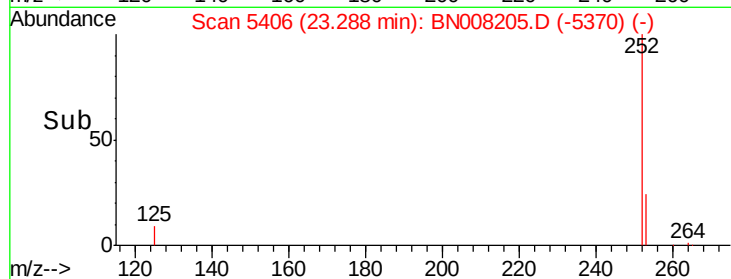
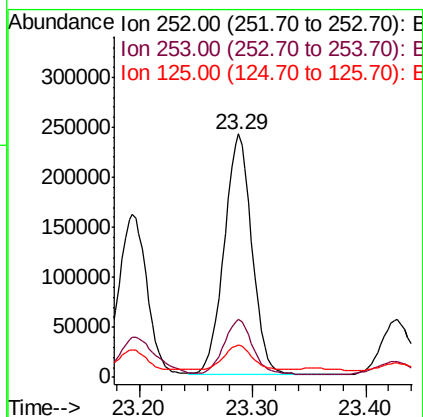
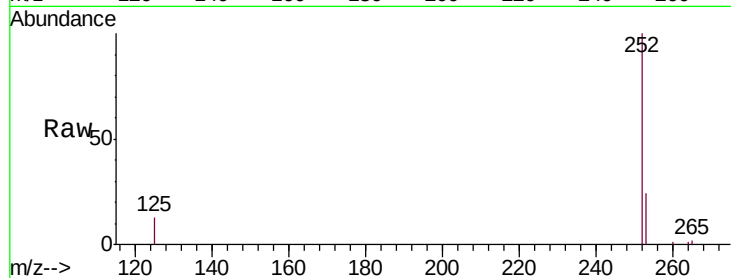
RT: 23.29 min Scan# 5406

Delta R.T. 0.01 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

Tgt Ion:	252	Resp:	409751
Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.8	34.2
125	13.3	18.4	27.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 5.141 ng/ul

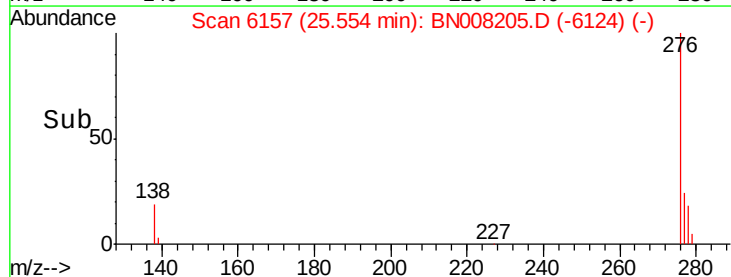
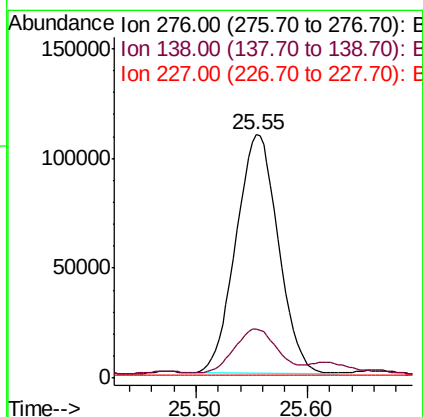
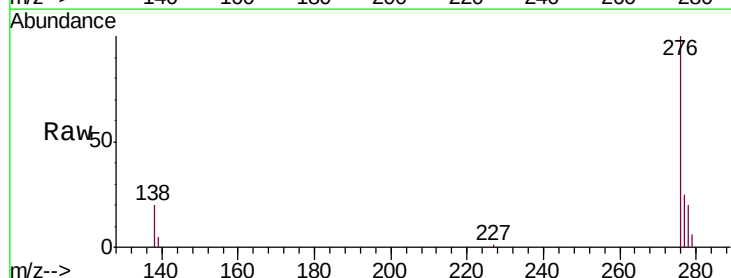
RT: 25.55 min Scan# 6157

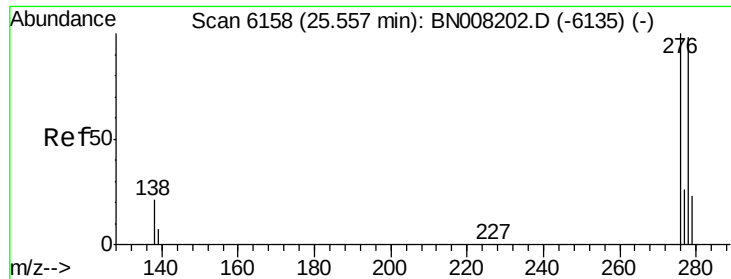
Delta R.T. 0.01 min

Lab File: BN008205.D

Acq: 16 Oct 2019 19:07

Tgt Ion:	276	Resp:	287926
Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.1	24.1#
227	0.0	0.2	0.2#

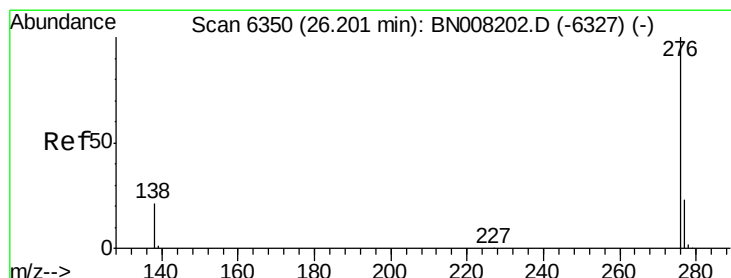
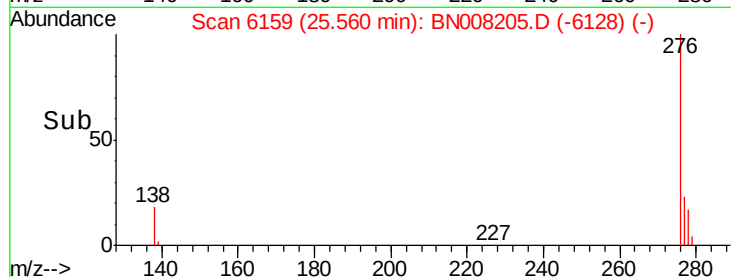
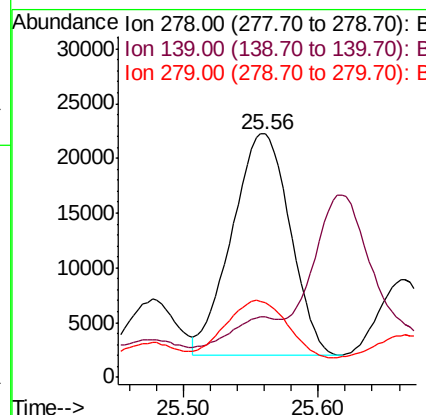
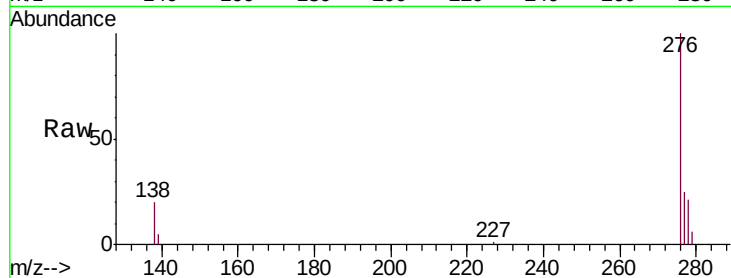




#25
Dibenzo(a,h)anthracene
Concen: 1.376 ng/ul
RT: 25.56 min Scan# 6159
Delta R.T. 0.00 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion: 278 Resp: 60930

Ion	Ratio	Lower	Upper
278	100		
139	25.0	15.0	22.6#
279	30.6	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 5.708 ng/ul
RT: 26.22 min Scan# 6355
Delta R.T. 0.02 min
Lab File: BN008205.D
Acq: 16 Oct 2019 19:07

Tgt Ion: 276 Resp: 293133

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.0	25.4
277	24.5	20.4	30.6

