

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008300.D
 Acq On : 22 Oct 2019 02:01
 Operator : JU
 Sample : K5199-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 03:45:00 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

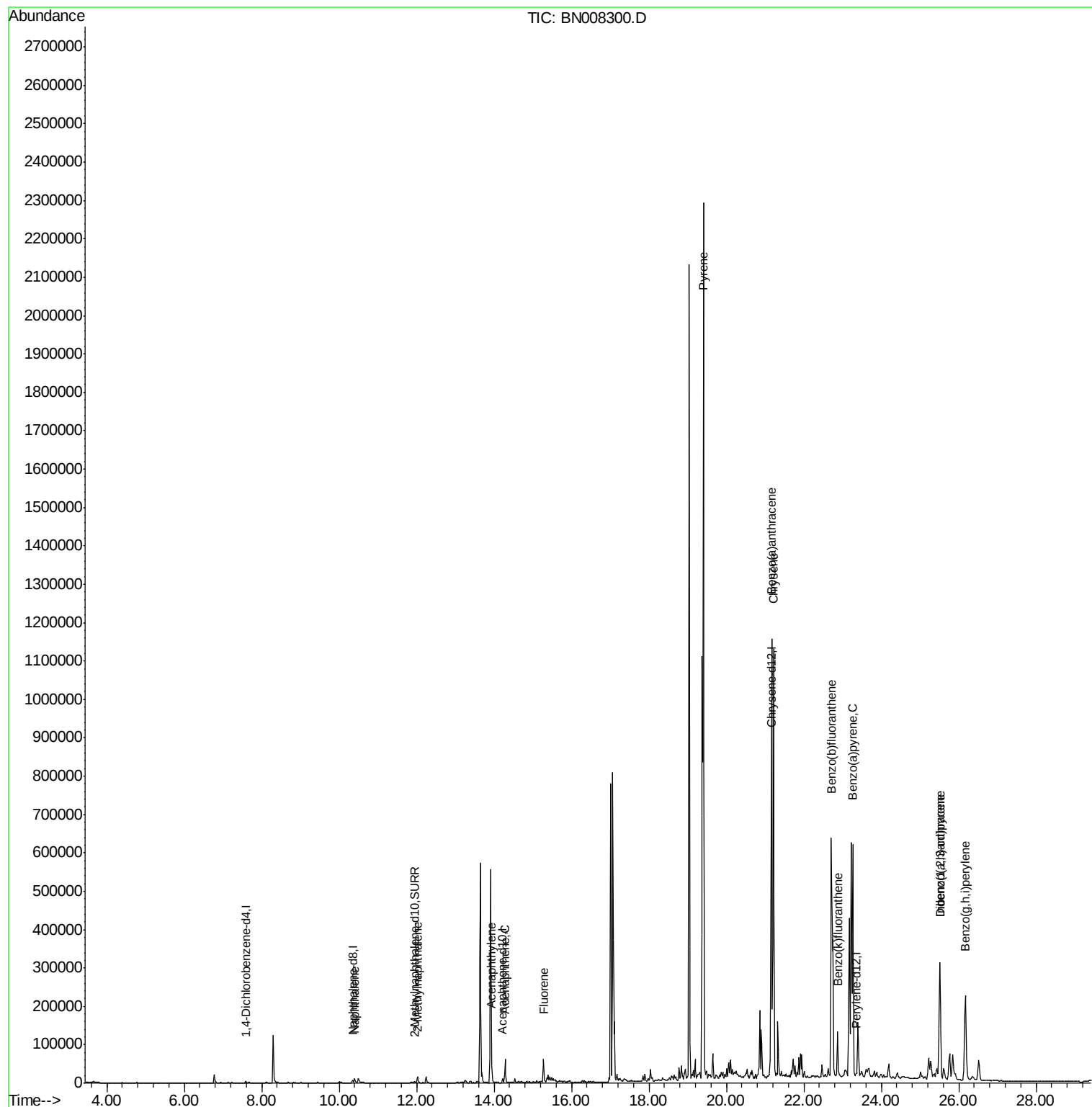
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9261	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5879	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.18	240	10322	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4715	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	13171	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	17365	0.659	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	11722	0.648	ng/ul	98
7) Acenaphthylene	13.94	152	45024	1.608	ng/ul	99
8) Acenaphthene	14.28	153	35176	1.615	ng/ul	99
9) Fluorene	15.28	166	38718	1.566	ng/ul	97
17) Pyrene	19.41	202	1880961	45.767	ng/ul	100
18) Benzo(a)anthracene	21.16	228	995250	26.521	ng/ul	97
19) Chrysene	21.22	228	1048674	22.771	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	1402136	44.519	ng/ul	91
22) Benzo(k)fluoranthene	22.87	252	138504	3.882	ng/ul	98
23) Benzo(a)pyrene	23.26	252	768543	23.189	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	443104	11.351	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	123765	4.011	ng/ul	100
26) Benzo(g,h,i)perylene	26.17	276	440569	12.308	ng/ul	99

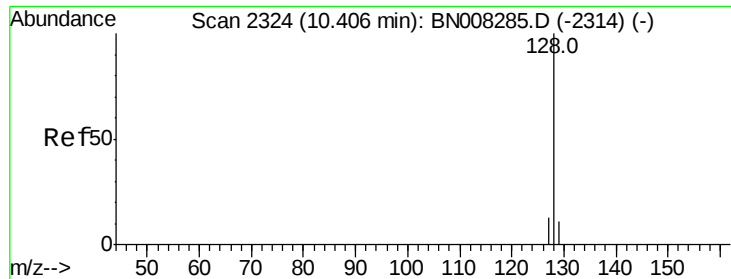
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.659 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampleId :

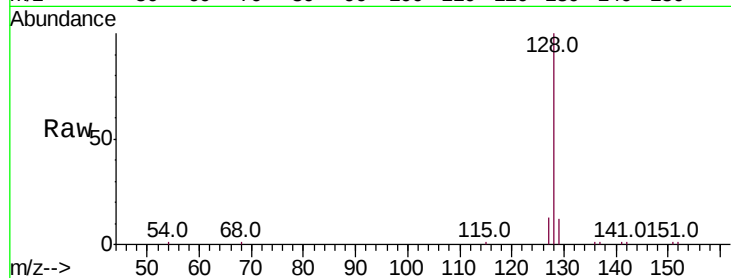
Tot Ion:128 Resp: 17365

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

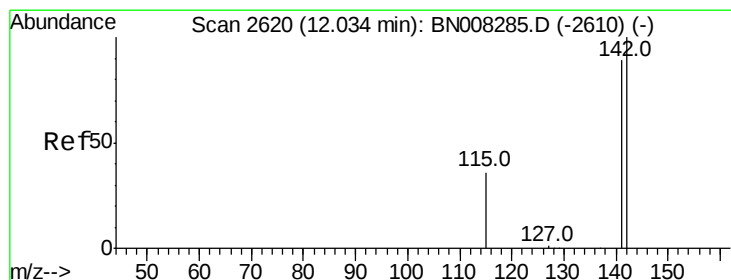
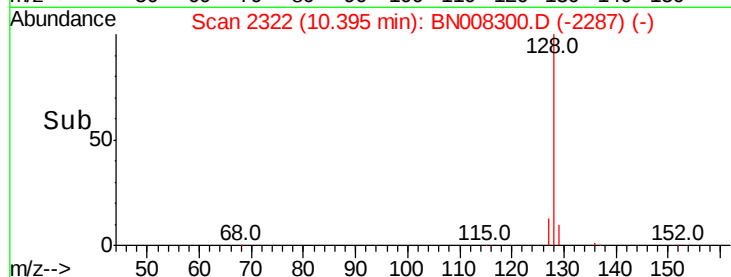
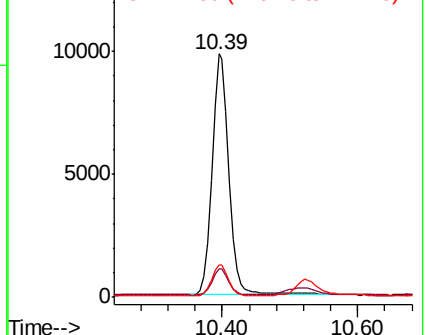
127 13.4 11.1 16.7



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: 0.648 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008300.D

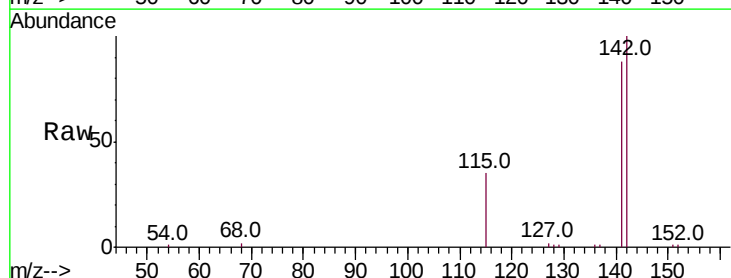
Acq: 22 Oct 2019 02:01

Tgt Ion:142 Resp: 11722

Ion Ratio Lower Upper

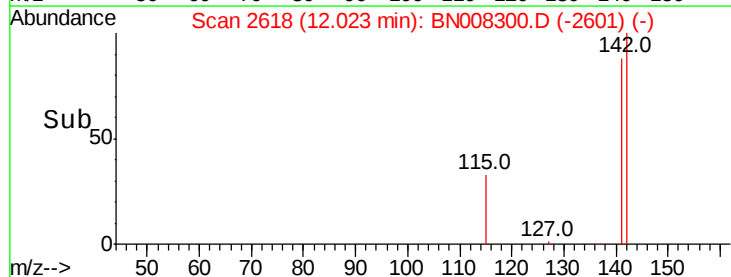
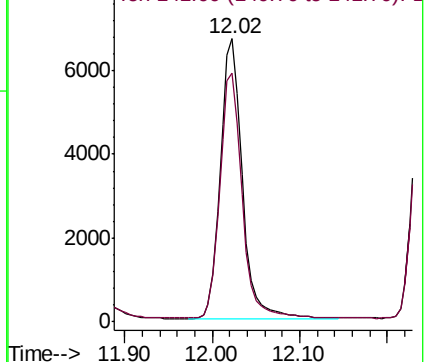
142 100

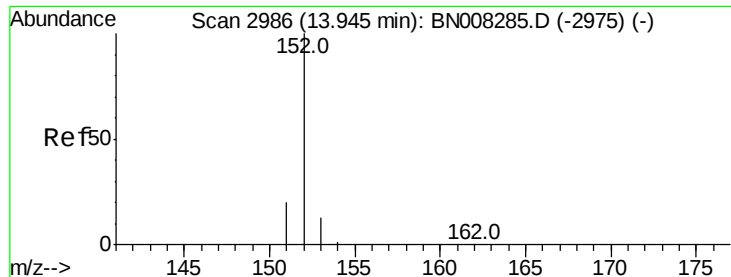
141 87.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.608 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampleId :

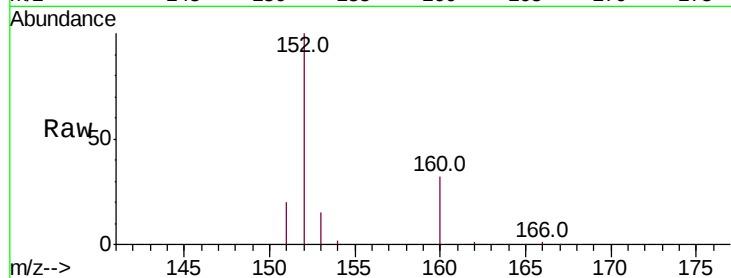
Tot Ion:152 Resp: 45024

Ion Ratio Lower Upper

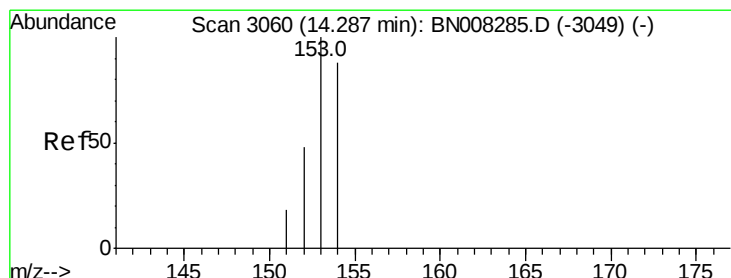
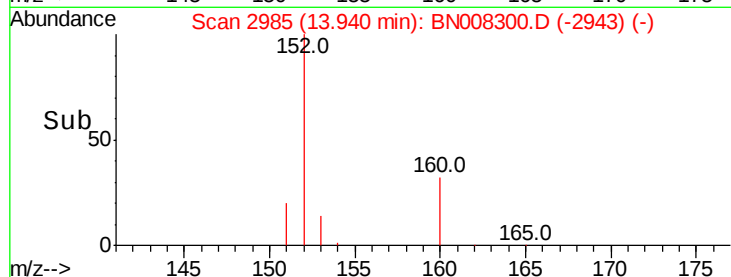
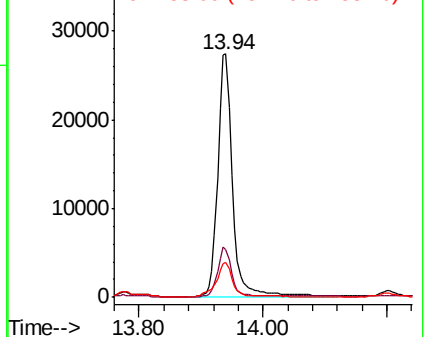
152 100

151 19.9 16.2 24.4

153 14.5 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: 1.615 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

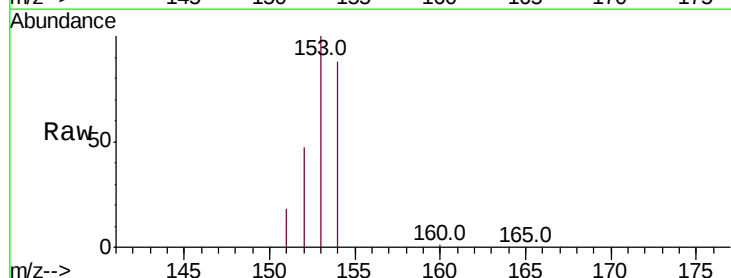
Tgt Ion:153 Resp: 35176

Ion Ratio Lower Upper

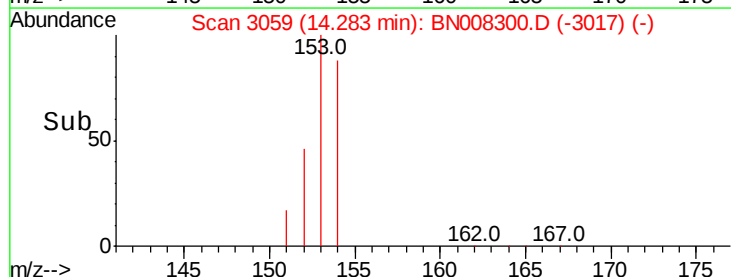
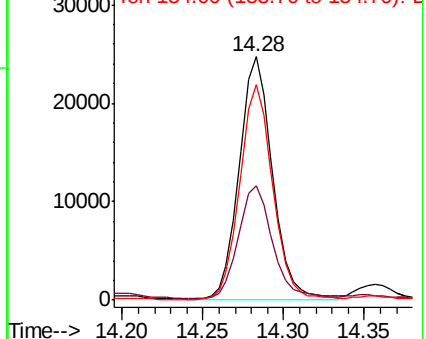
153 100

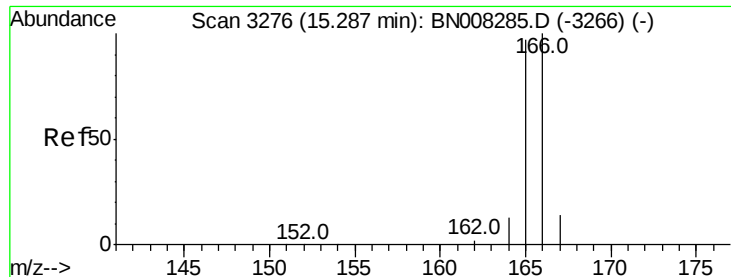
152 47.1 38.2 57.2

154 88.4 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



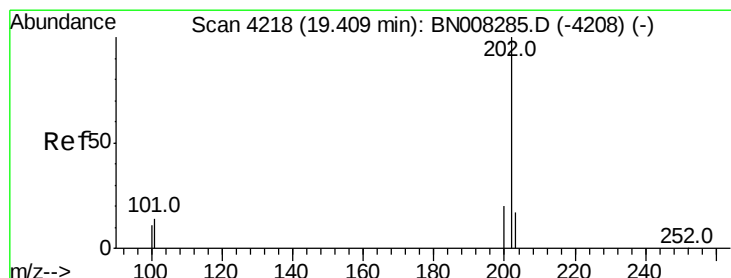
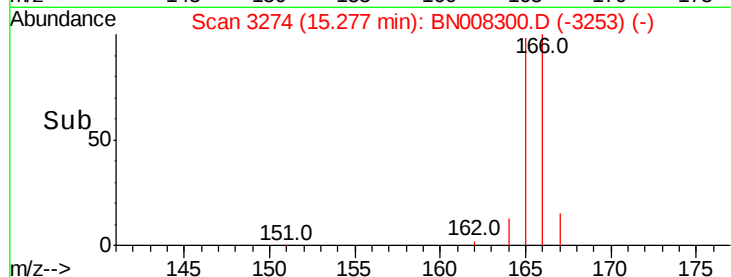
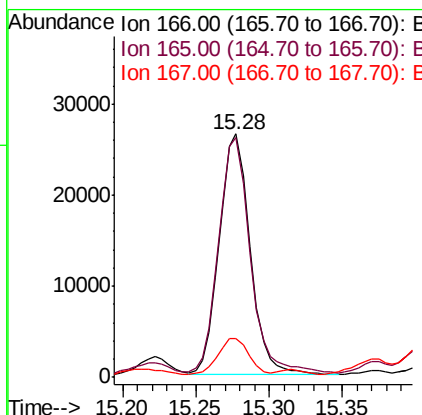
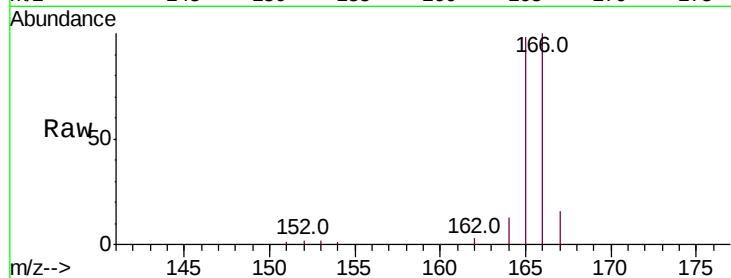


#9
Fluorene
 Concen: 1.566 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008300.D
 Acq: 22 Oct 2019 02:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 38718

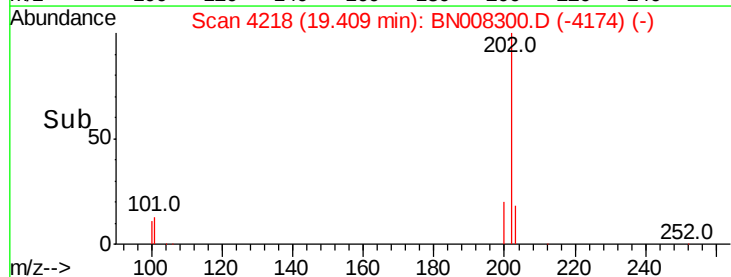
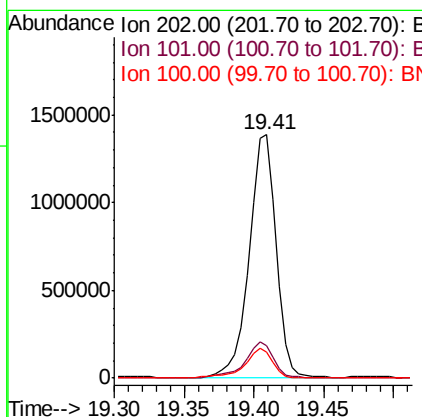
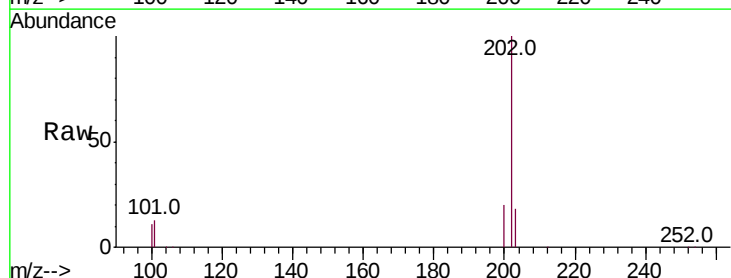
Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.6	115.0
167	16.2	11.7	17.5

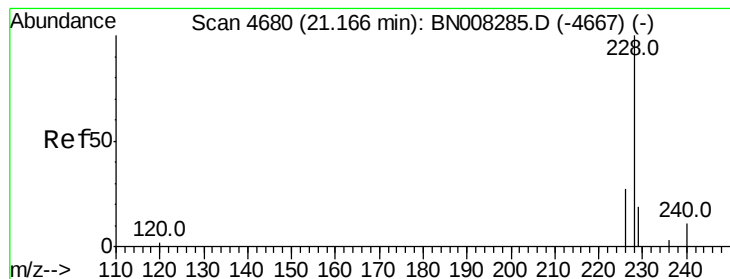


#17
Pyrene
 Concen: 45.767 ng/ul
 RT: 19.41 min Scan# 4218
 Delta R.T. 0.00 min
 Lab File: BN008300.D
 Acq: 22 Oct 2019 02:01

Tgt Ion:202 Resp: 1880961

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	10.8	8.7	13.1





#18

Benzo(a)anthracene

Concen: 26.521 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampleId :

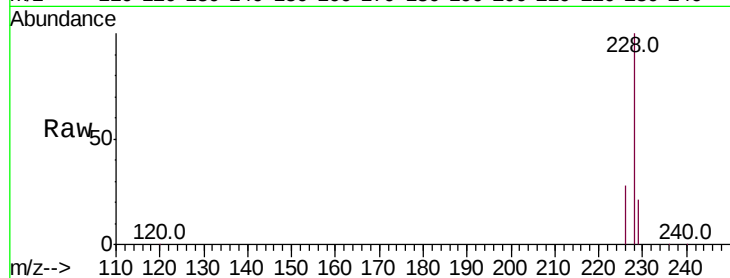
Tot Ion:228 Resp: 995250

Ion Ratio Lower Upper

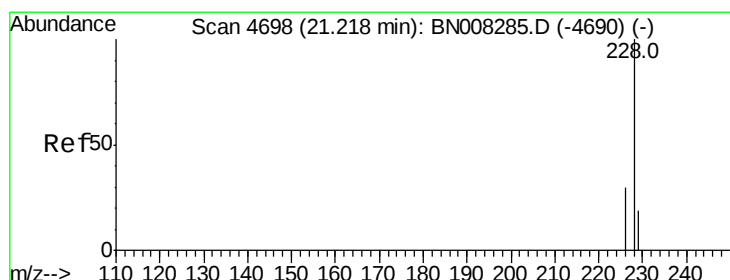
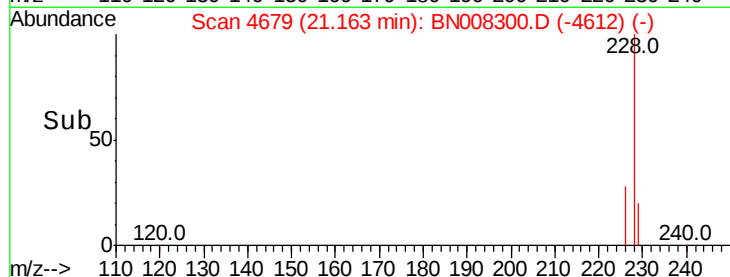
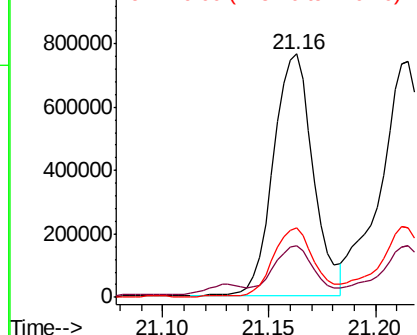
228 100

229 21.4 16.2 24.2

226 28.4 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: 22.771 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

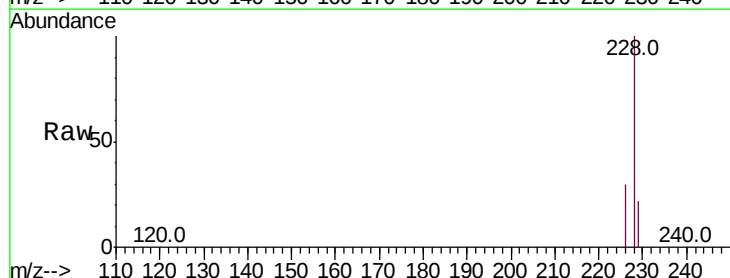
Tgt Ion:228 Resp: 1048674

Ion Ratio Lower Upper

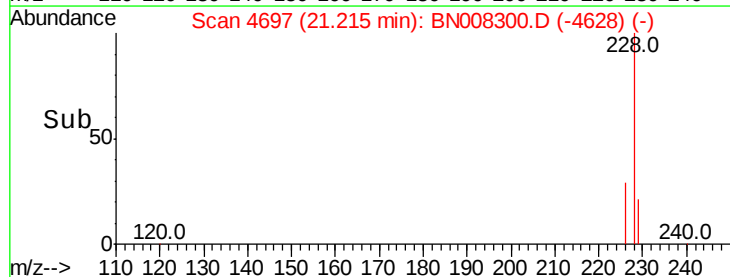
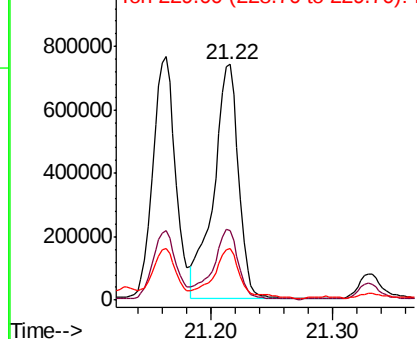
228 100

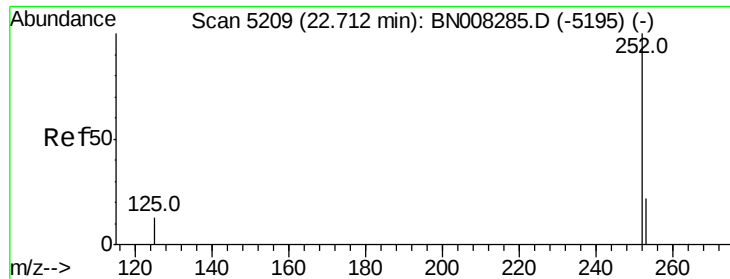
226 29.7 24.1 36.1

229 22.0 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

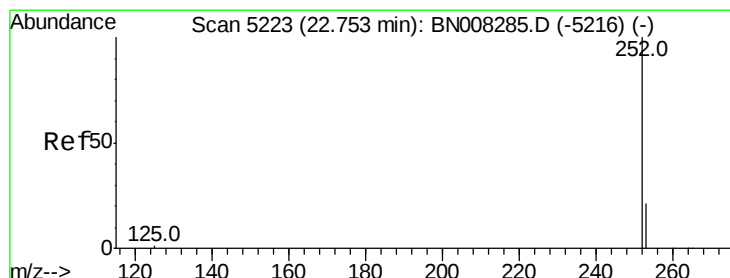
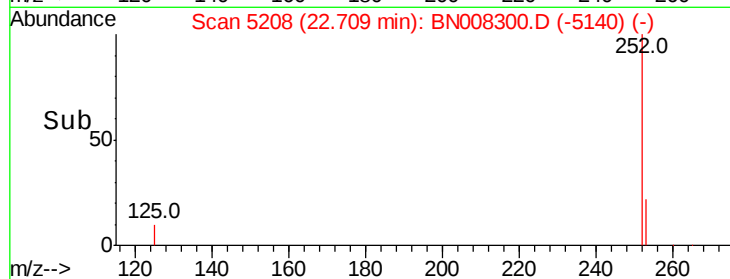
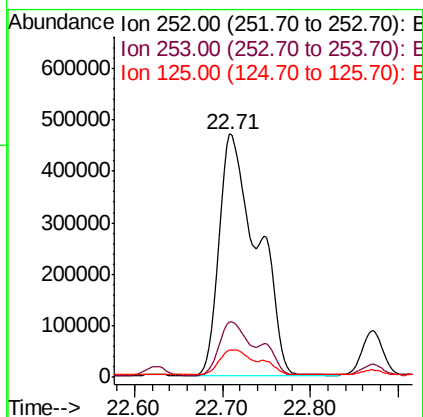
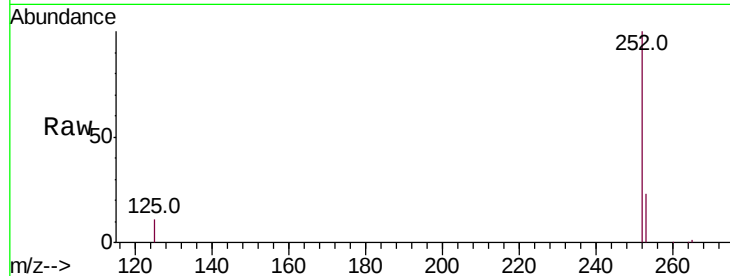




#21
Benzo(b)fluoranthene
Concen: 44.519 ng/ul
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

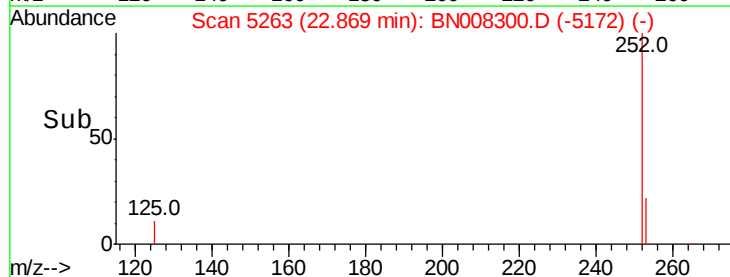
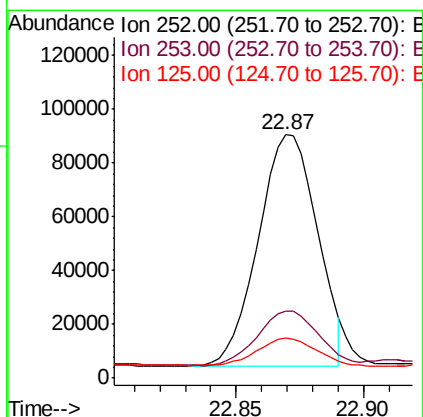
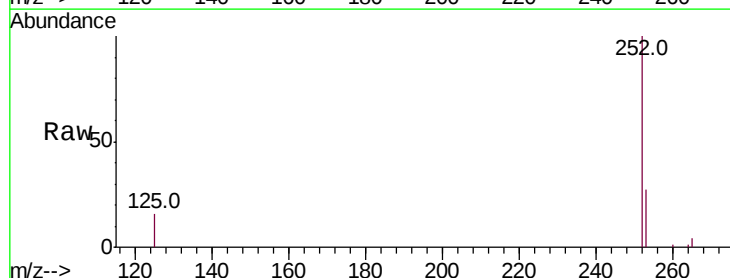
Instrument :
BNA_N
ClientSampleId :

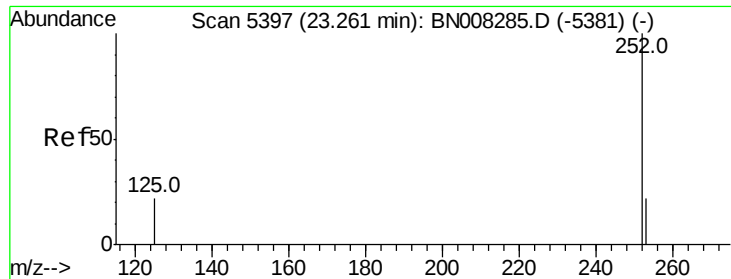
Tot Ion:252 Resp: 1402136
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.4
125 11.1 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 3.882 ng/ul
RT: 22.87 min Scan# 5263
Delta R.T. 0.12 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Tgt Ion:252 Resp: 138504
Ion Ratio Lower Upper
252 100
253 27.4 21.3 31.9
125 16.4 12.3 18.5





#23

Benzo(a)pyrene

Concen: 23.189 ng/ul

RT: 23.26 min Scan# 5397

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

Instrument :

BNA_N

ClientSampleId :

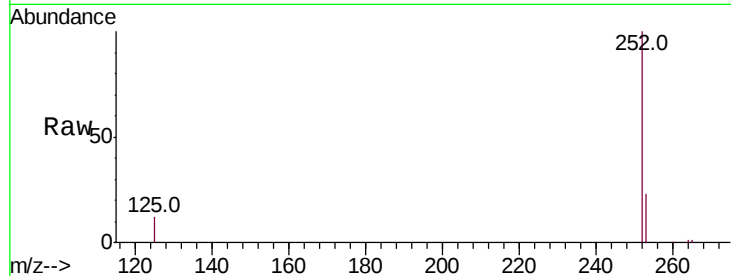
Tot Ion:252 Resp: 768543

Ion Ratio Lower Upper

252 100

253 23.0 22.8 34.2

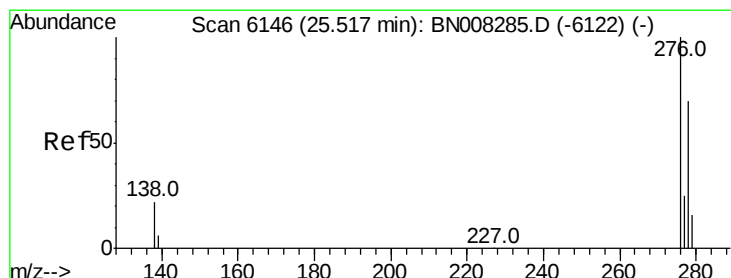
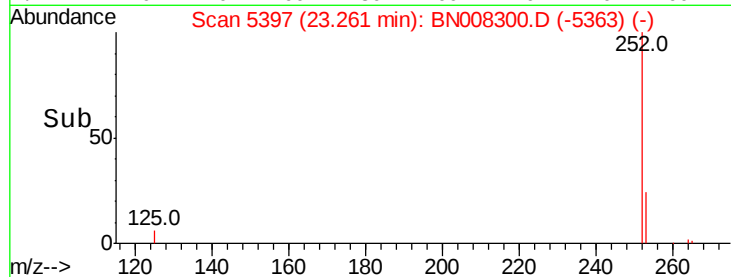
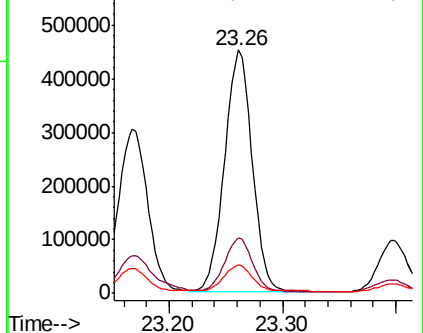
125 11.6 18.4 27.6#



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: 11.351 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. 0.00 min

Lab File: BN008300.D

Acq: 22 Oct 2019 02:01

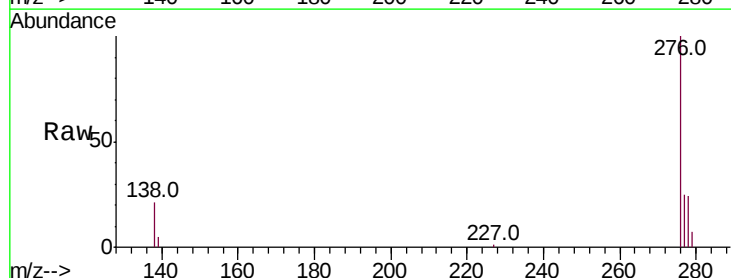
Tgt Ion:276 Resp: 443104

Ion Ratio Lower Upper

276 100

138 20.6 16.1 24.1

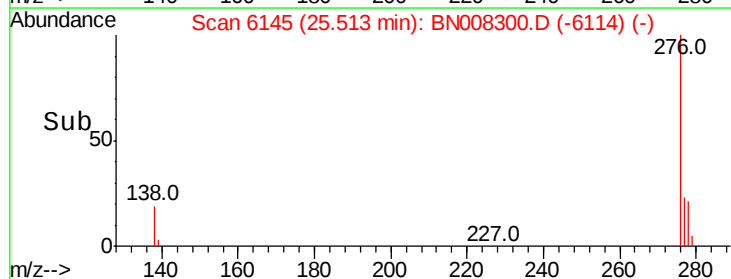
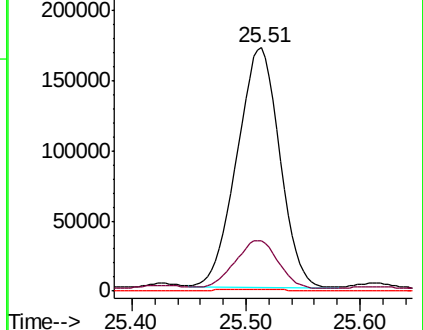
227 0.2 0.2 0.2

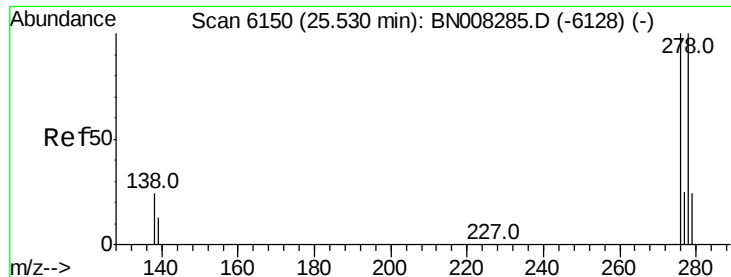


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



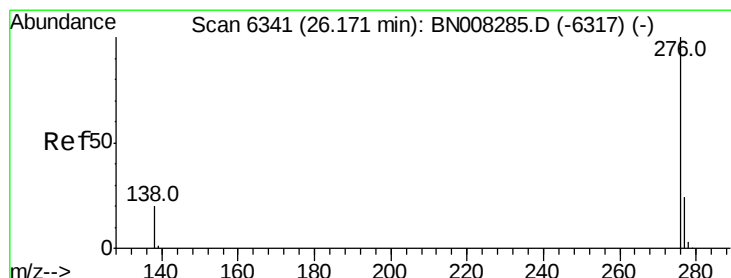
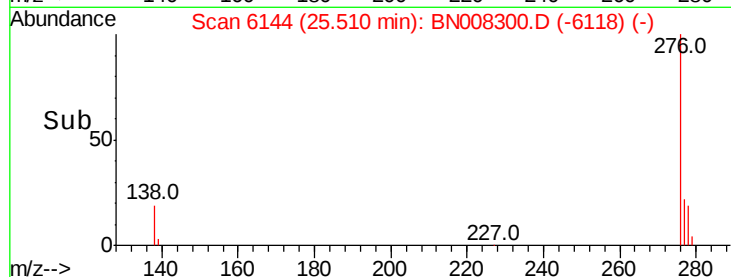
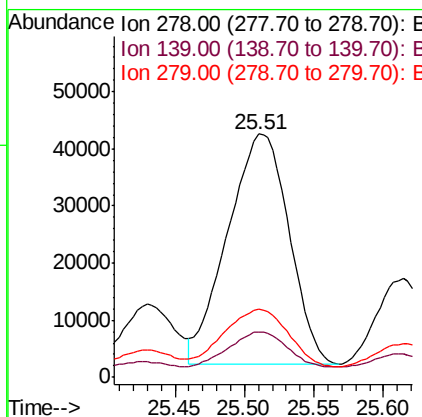
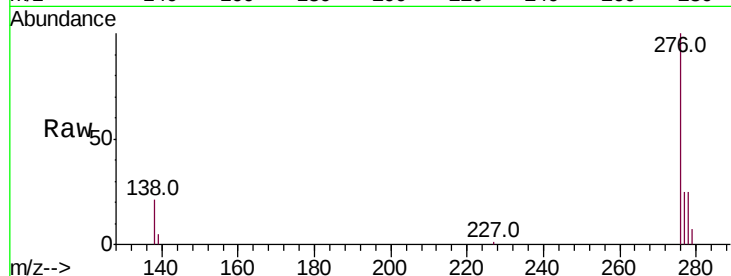


#25
Dibenzo(a,h)anthracene
Concen: 4.011 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 123765

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.6
279	28.1	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 12.308 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008300.D
Acq: 22 Oct 2019 02:01

Tgt Ion:276 Resp: 440569

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	24.4	20.4	30.6

