

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008215.D
 Acq On : 17 Oct 2019 10:47
 Operator : JU
 Sample : K5175-15DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:13 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	7.60	152	3594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	17327	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	11036	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	21923	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	18736	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1458	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	4900	0.00	ng/ul	0.00

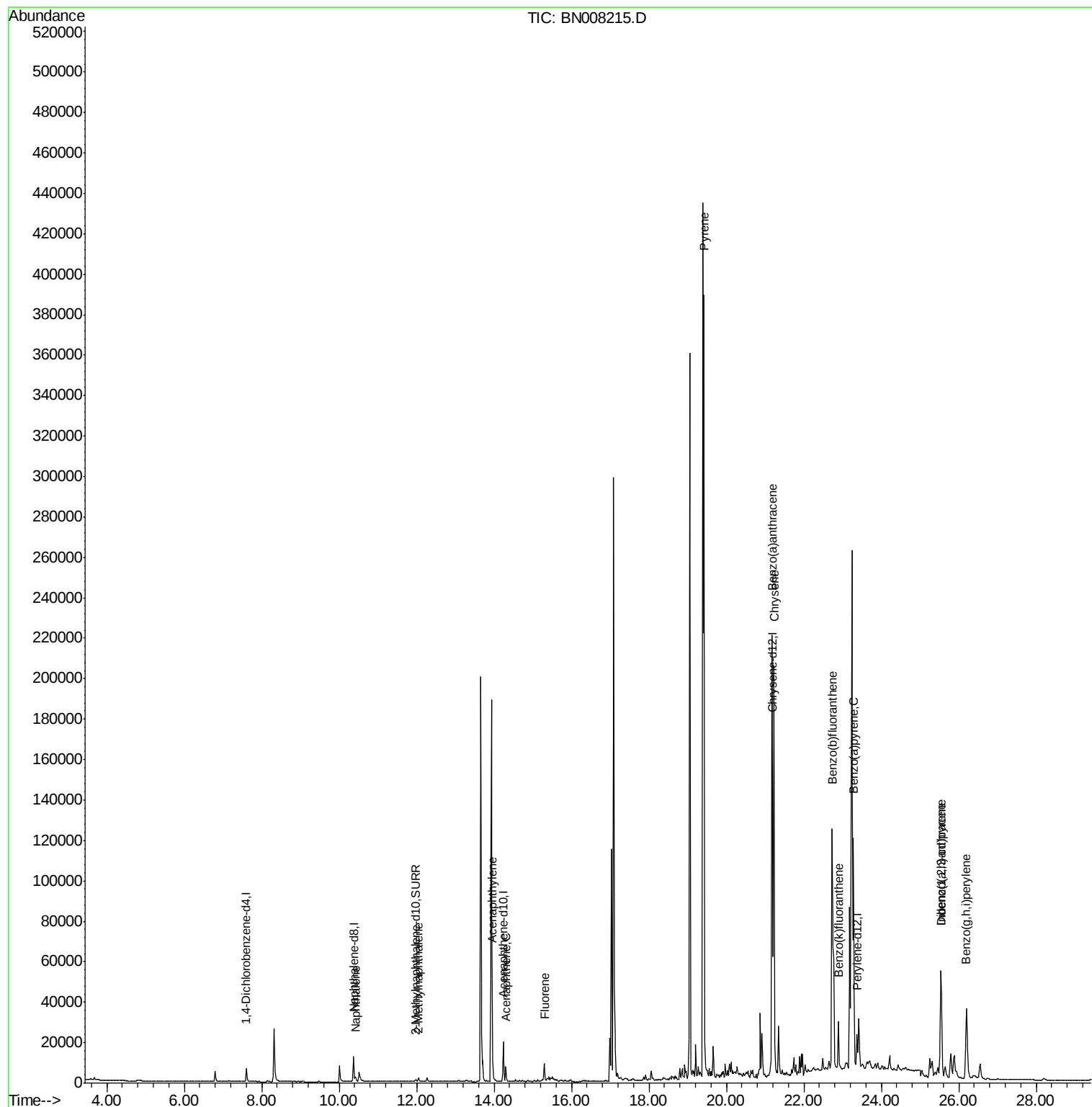
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	3146	0.064	ng/ul	94
5) 2-Methylnaphthalene	12.04	142	1838	0.054	ng/ul	97
7) Acenaphthylene	13.95	152	10571	0.201	ng/ul	99
8) Acenaphthene	14.30	153	4424	0.108	ng/ul	98
9) Fluorene	15.30	166	5722	0.123	ng/ul#	96
17) Pyrene	19.42	202	314915	3.608	ng/ul	100
18) Benzo(a)anthracene	21.17	228	182072	2.284	ng/ul	98
19) Chrysene	21.23	228	202252	2.068	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	268491	4.402	ng/ul	92
22) Benzo(k)fluoranthene	22.89	252	23429	0.339	ng/ul	95
23) Benzo(a)pyrene	23.28	252	142629	2.222	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	80296	1.062	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	21743	0.364	ng/ul	96
26) Benzo(g,h,i)perylene	26.20	276	70237	1.013	ng/ul	99

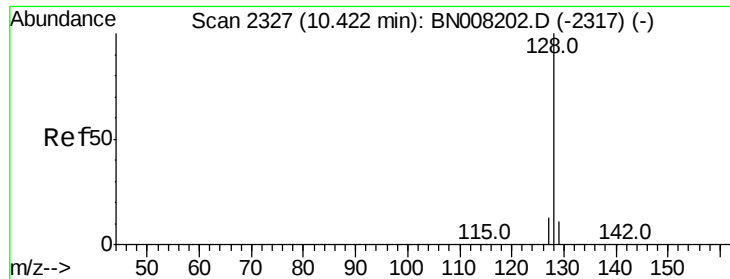
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

ClientSampleId :

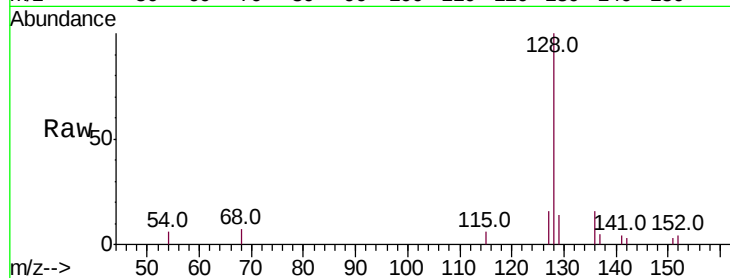
Tot Ion:128 Resp: 3146

Ion Ratio Lower Upper

128 100

129 14.4 9.8 14.8

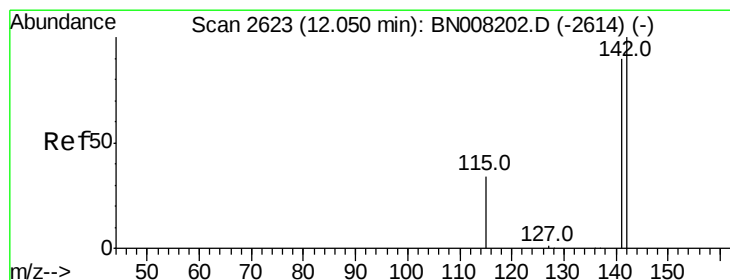
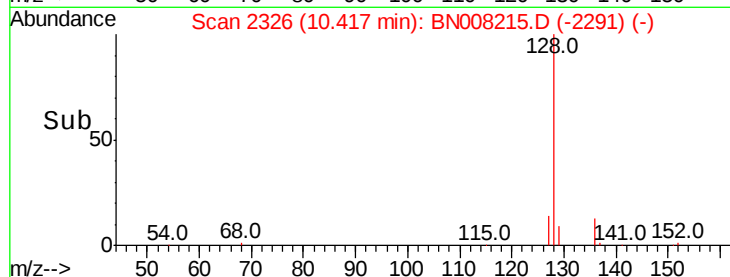
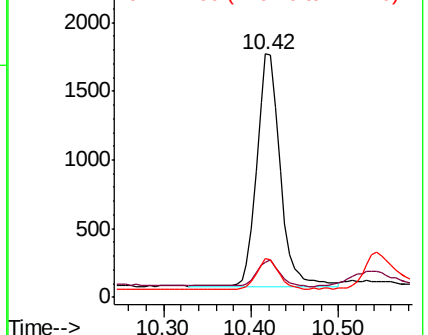
127 16.2 11.1 16.7



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: 0.054 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008215.D

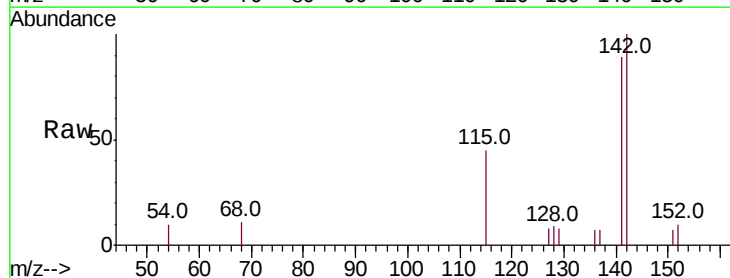
Acq: 17 Oct 2019 10:47

Tgt Ion:142 Resp: 1838

Ion Ratio Lower Upper

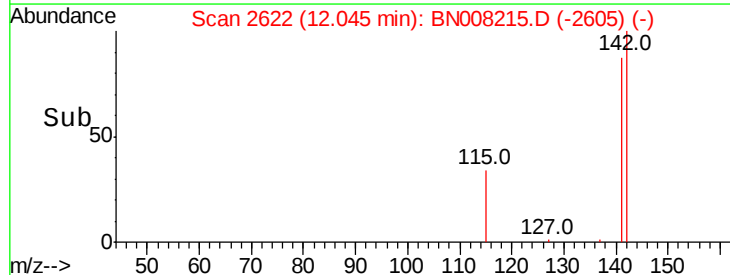
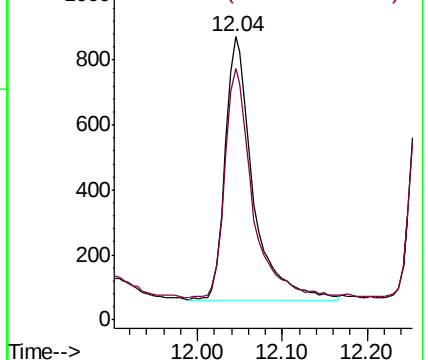
142 100

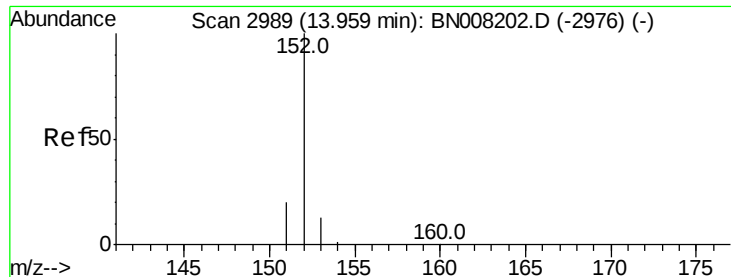
141 86.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.201 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

ClientSampleId :

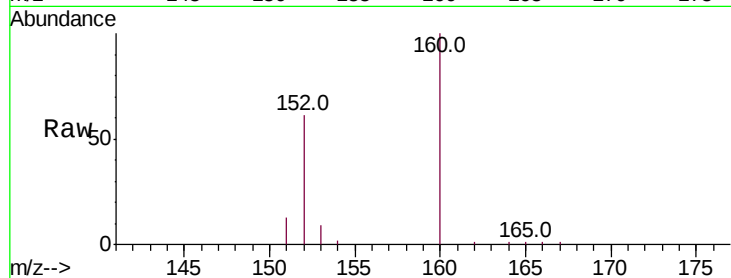
Tot Ion:152 Resp: 10571

Ion Ratio Lower Upper

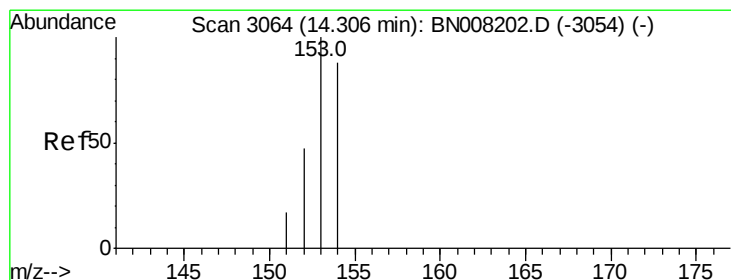
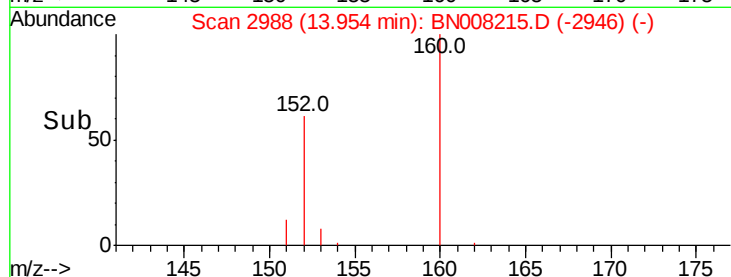
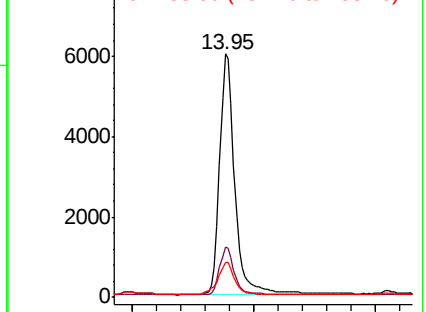
152 100

151 20.6 16.2 24.4

153 14.6 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: 0.108 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

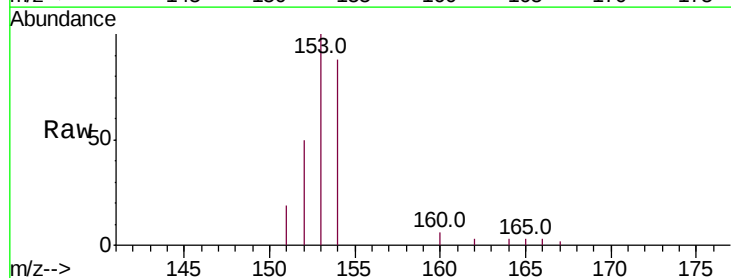
Tgt Ion:153 Resp: 4424

Ion Ratio Lower Upper

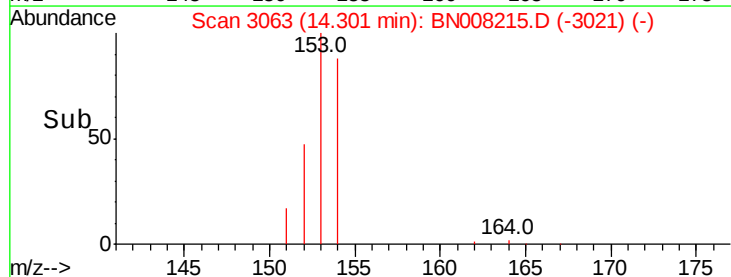
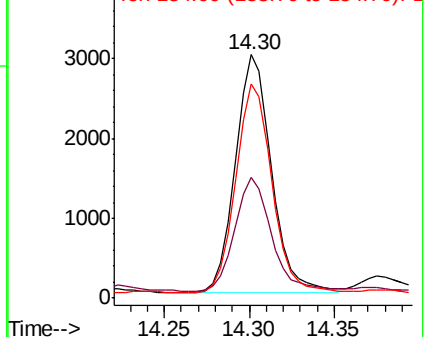
153 100

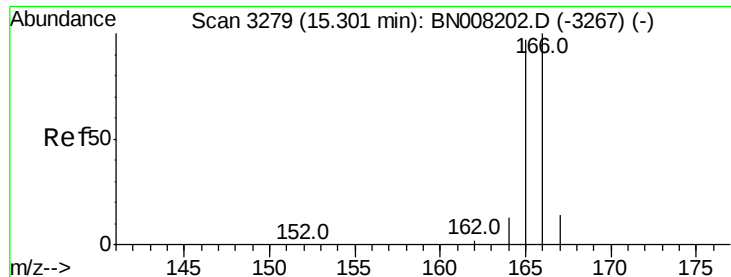
152 49.7 38.2 57.2

154 87.7 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

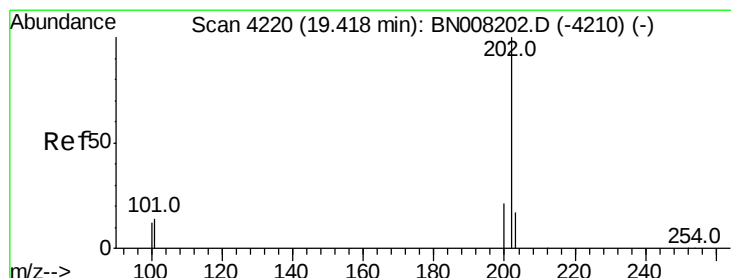
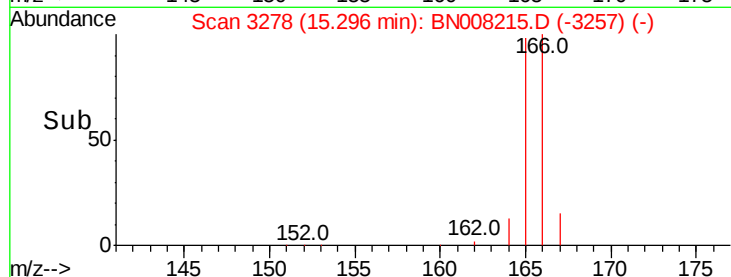
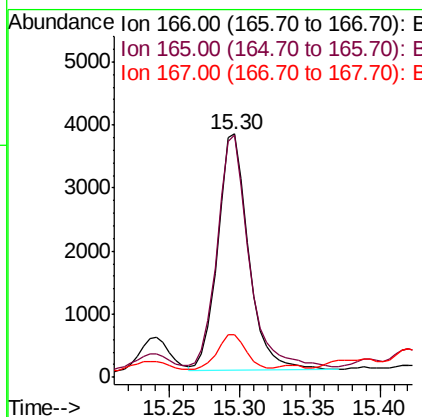
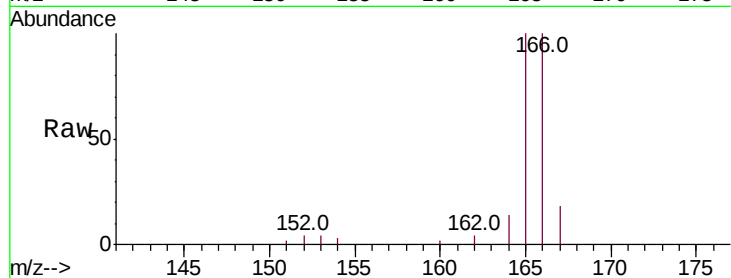




#9
Fluorene
 Concen: 0.123 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008215.D
 Acq: 17 Oct 2019 10:47

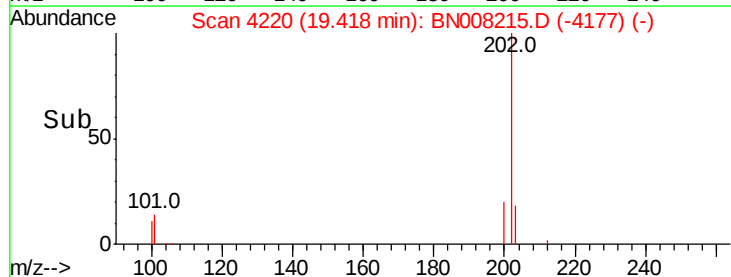
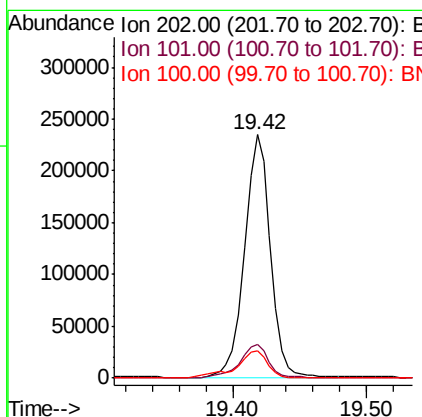
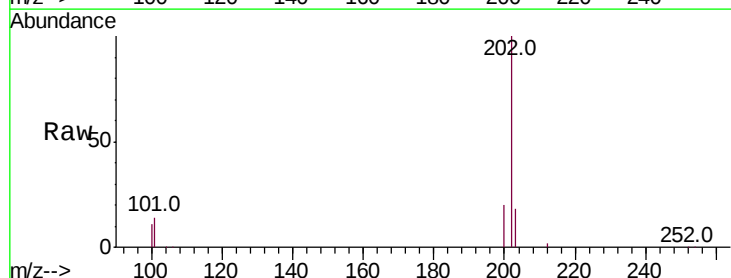
Instrument :
 BNA_N
 ClientSampleId :

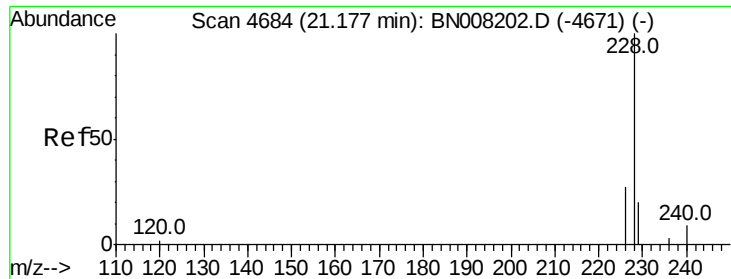
Tot Ion:166 Resp: 5722
 Ion Ratio Lower Upper
 166 100
 165 99.5 76.6 115.0
 167 17.7 11.7 17.5#



#17
Pyrene
 Concen: 3.608 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008215.D
 Acq: 17 Oct 2019 10:47

Tgt Ion:202 Resp: 314915
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.9 16.3
 100 11.2 8.7 13.1





#18

Benzo(a)anthracene

Concen: 2.284 ng/ul

RT: 21.17 min Scan# 4683

Delta R.T. -0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

ClientSampleId :

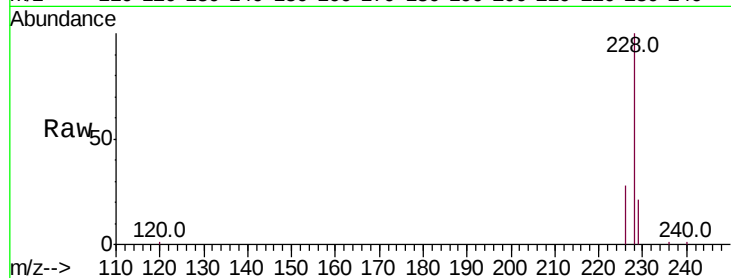
Tot Ion:228 Resp: 182072

Ion Ratio Lower Upper

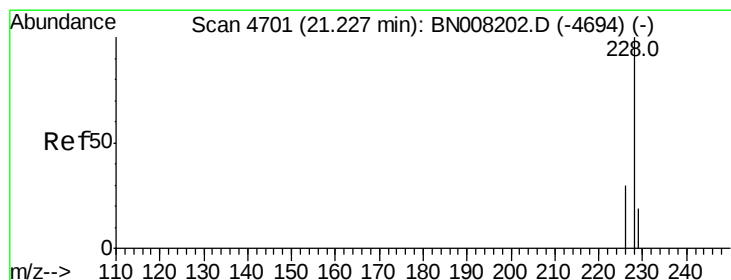
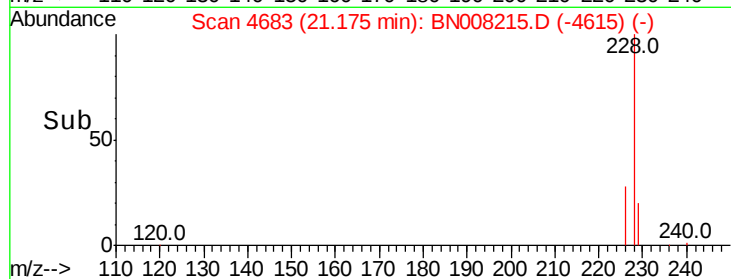
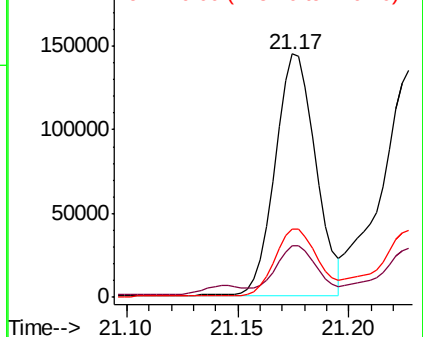
228 100

229 21.0 16.2 24.2

226 28.3 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: 2.068 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

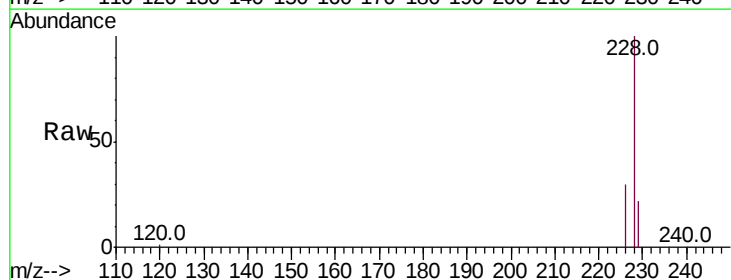
Tgt Ion:228 Resp: 202252

Ion Ratio Lower Upper

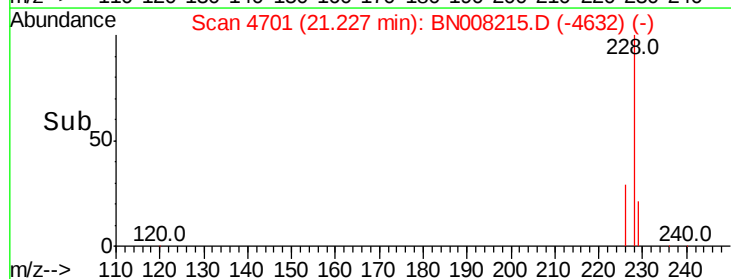
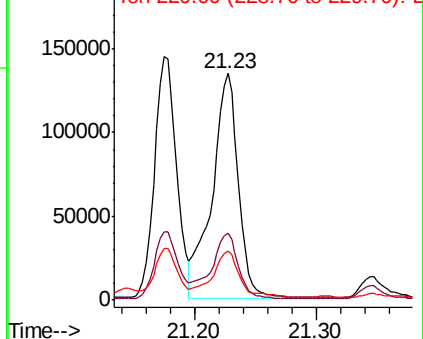
228 100

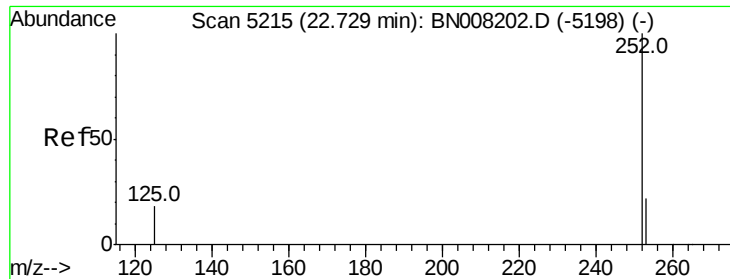
226 29.7 24.1 36.1

229 21.7 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: 4.402 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_N

ClientSampleId :

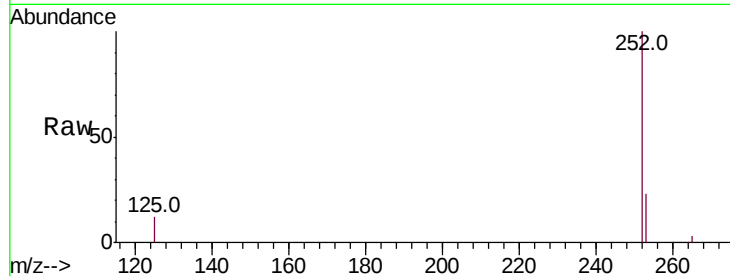
Tot Ion:252 Resp: 268491

Ion Ratio Lower Upper

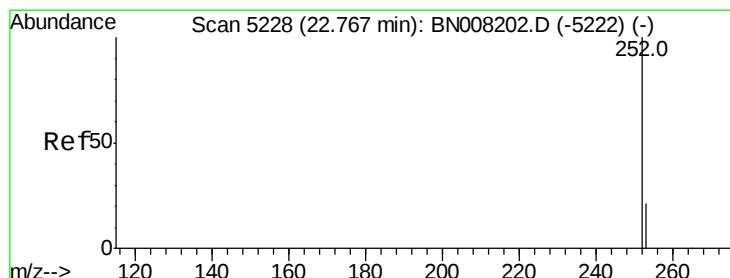
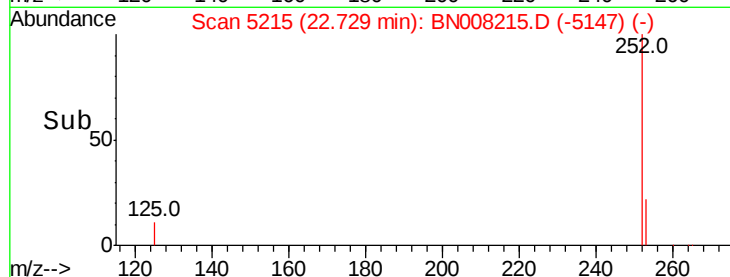
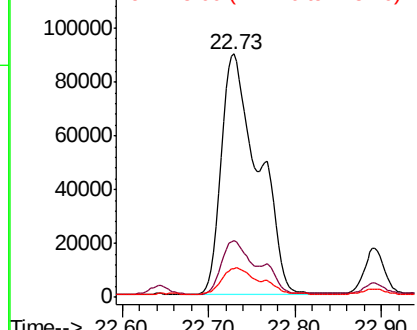
252 100

253 23.2 0.0 53.4

125 12.0 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: 0.339 ng/ul

RT: 22.89 min Scan# 5271

Delta R.T. 0.13 min

Lab File: BN008215.D

Acq: 17 Oct 2019 10:47

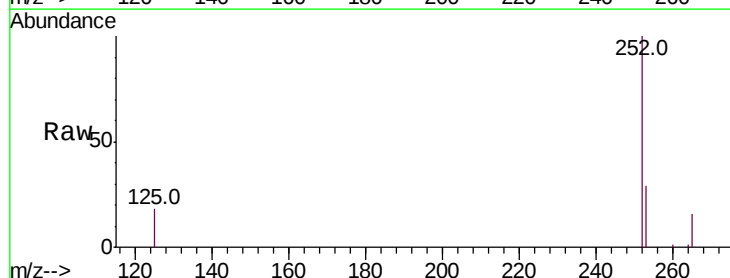
Tgt Ion:252 Resp: 23429

Ion Ratio Lower Upper

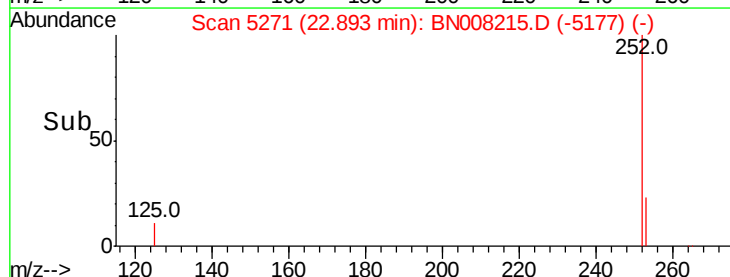
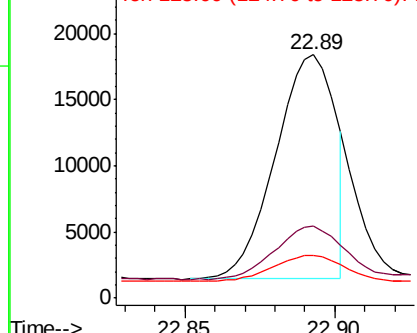
252 100

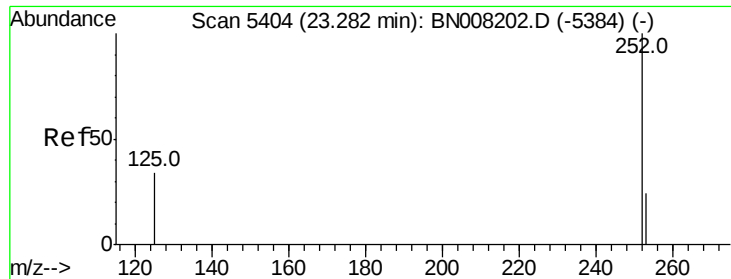
253 29.4 21.3 31.9

125 17.5 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

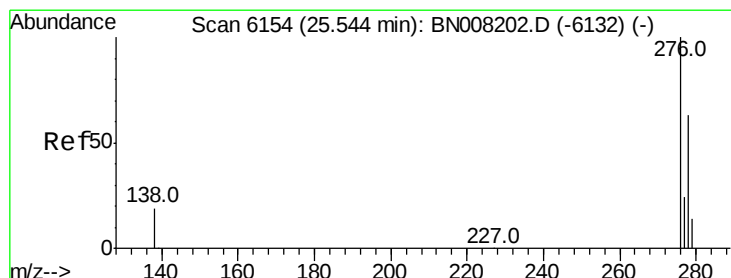
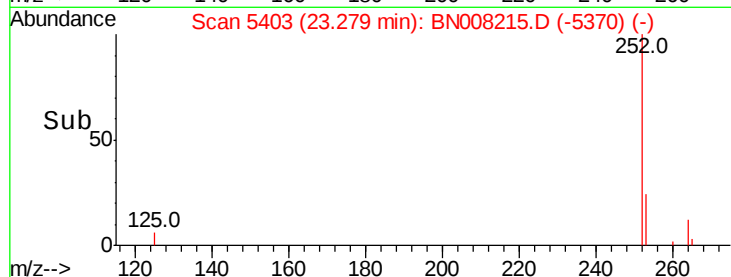
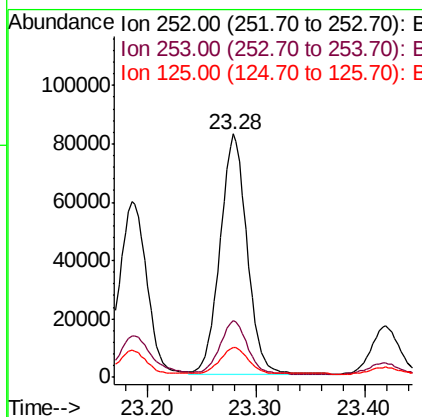
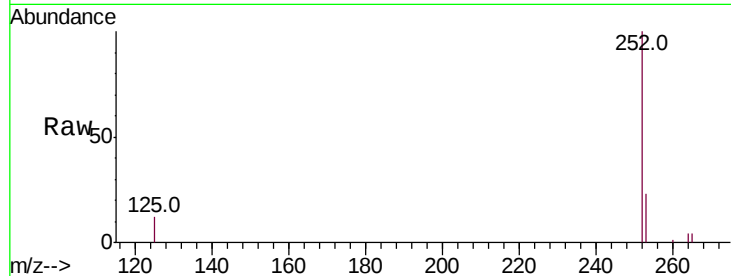




#23
Benzo(a)pyrene
Concen: 2.222 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

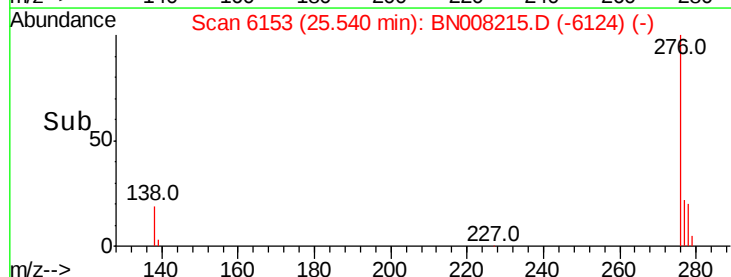
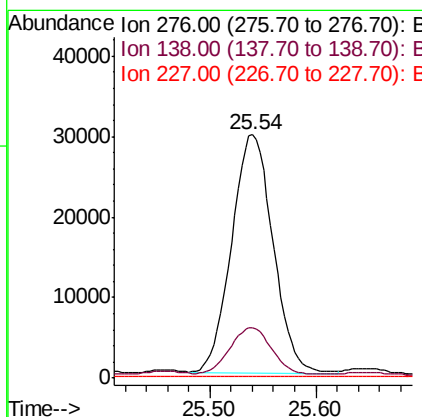
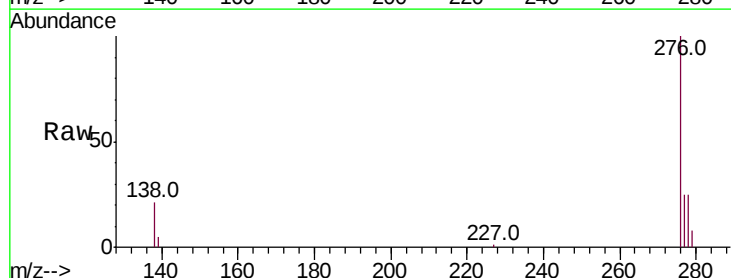
Instrument :
BNA_N
ClientSampleId :

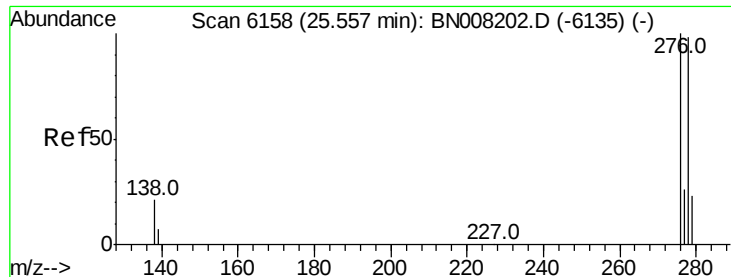
Tot Ion:252 Resp: 142629
Ion Ratio Lower Upper
252 100
253 23.5 22.8 34.2
125 12.4 18.4 27.6#



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.062 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Tgt Ion:276 Resp: 80296
Ion Ratio Lower Upper
276 100
138 19.9 16.1 24.1
227 0.2 0.2 0.2



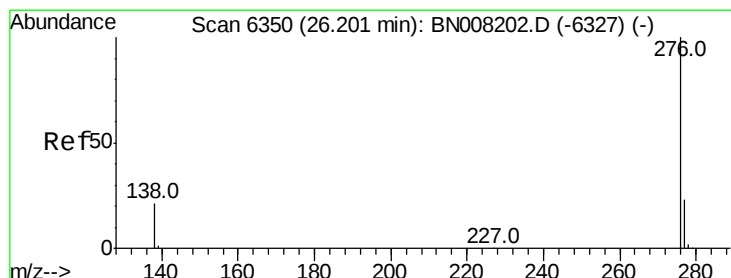
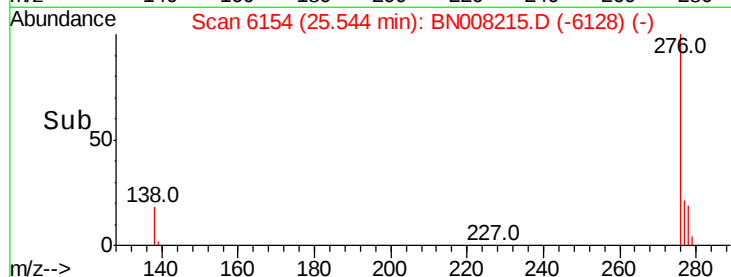
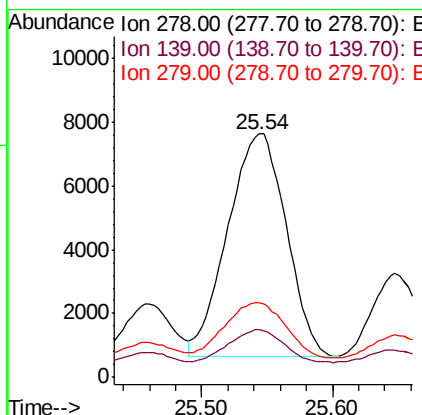
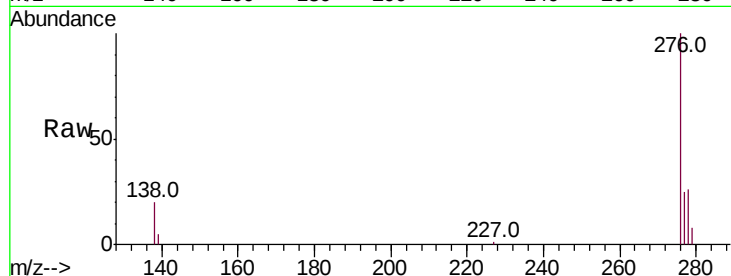


#25
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. -0.01 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 21743

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.0	22.6
279	30.6	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 1.013 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008215.D
Acq: 17 Oct 2019 10:47

Tgt Ion:276 Resp: 70237

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.4
277	24.8	20.4	30.6

