

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008232.D
 Acq On : 17 Oct 2019 21:46
 Operator : JU
 Sample : K5177-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:30 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

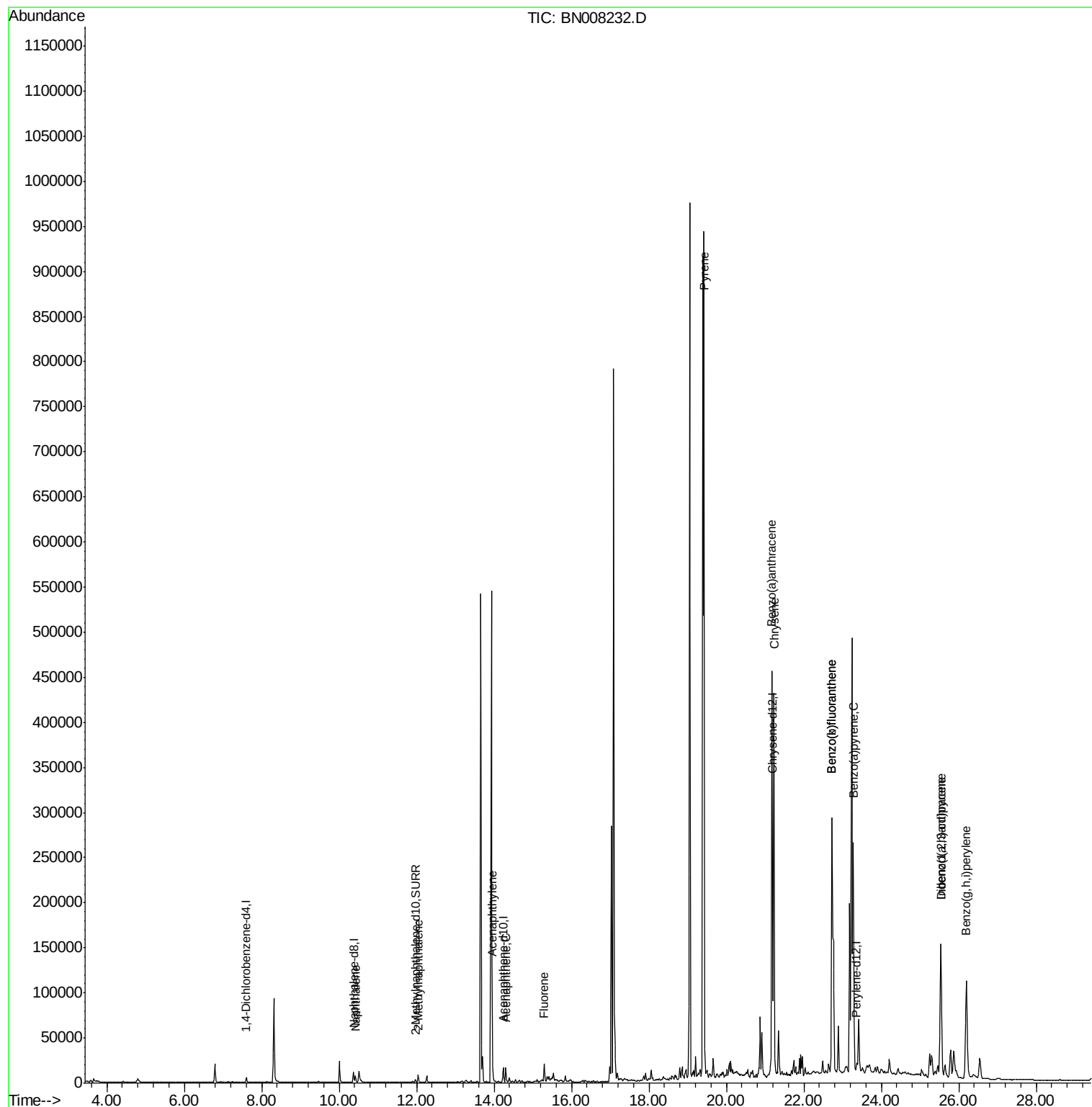
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3005	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9037	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	12771	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4487	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	11537	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	9426	0.230	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	6398	0.227	ng/ul	98
7) Acenaphthylene	13.95	152	24609	0.572	ng/ul	100
8) Acenaphthene	14.30	153	10017	0.299	ng/ul	100
9) Fluorene	15.29	166	12559	0.330	ng/ul#	96
17) Pyrene	19.42	202	767691	15.097	ng/ul	100
18) Benzo(a)anthracene	21.17	228	368317	7.933	ng/ul	98
19) Chrysene	21.22	228	408779	7.174	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	601928	16.230	ng/ul	92
22) Benzo(k)fluoranthene	22.72	252	601928	14.327	ng/ul#	92
23) Benzo(a)pyrene	23.28	252	323917	8.300	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.54	276	222230	4.835	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	58103	1.599	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	219986	5.219	ng/ul	98

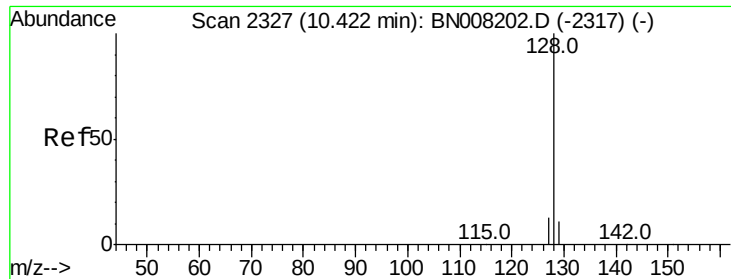
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.230 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

ClientSampleId :

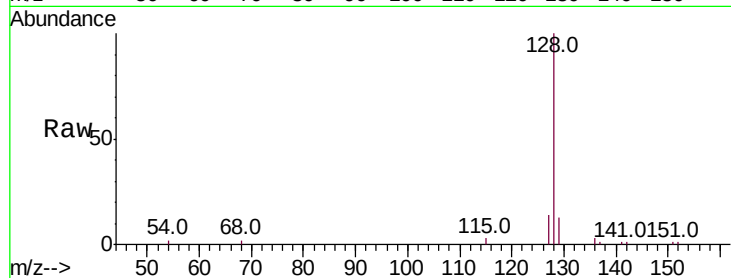
Tot Ion:128 Resp: 9426

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.8

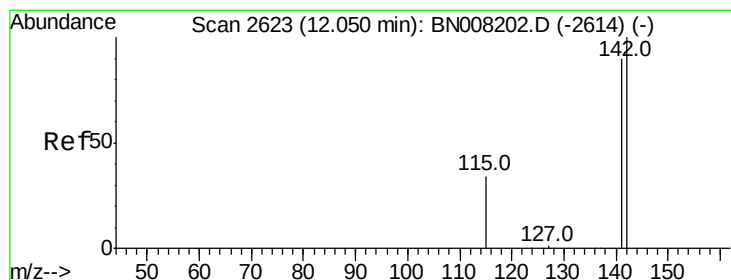
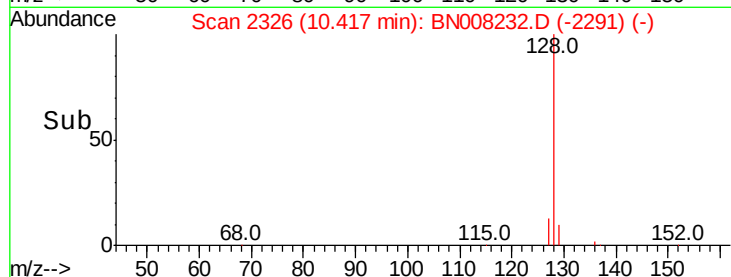
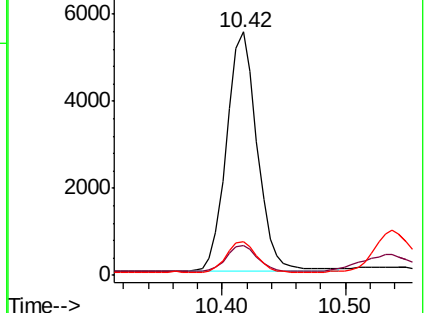
127 14.0 11.1 16.7



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: 0.227 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008232.D

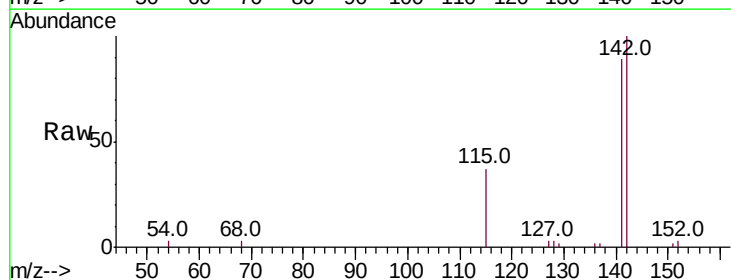
Acq: 17 Oct 2019 21:46

Tgt Ion:142 Resp: 6398

Ion Ratio Lower Upper

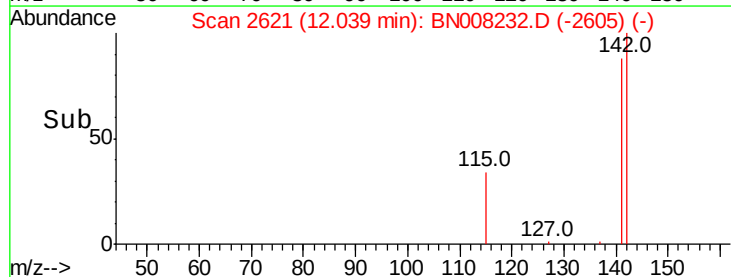
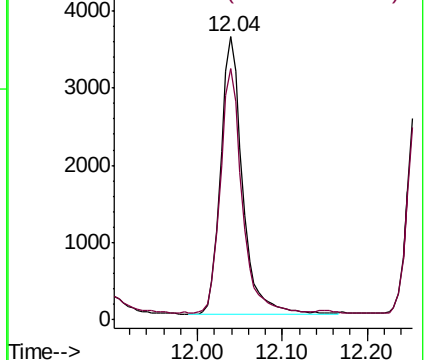
142 100

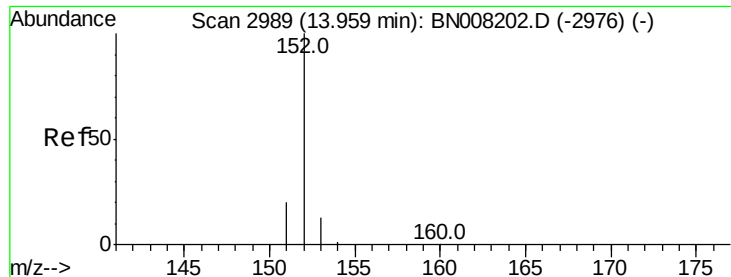
141 87.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.572 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

ClientSampleId :

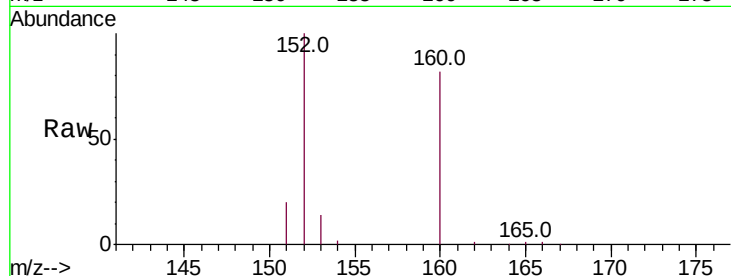
Tot Ion:152 Resp: 24609

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 14.1 11.0 16.4

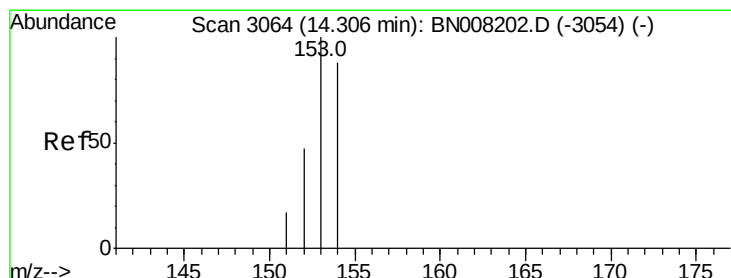
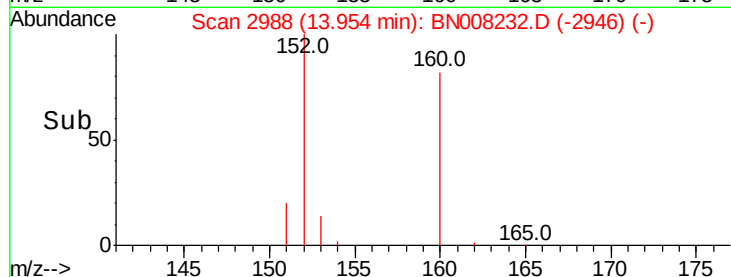
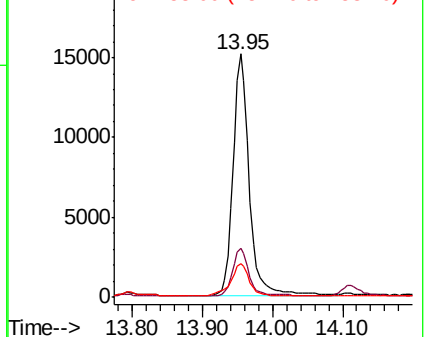


Abundance

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: 0.299 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

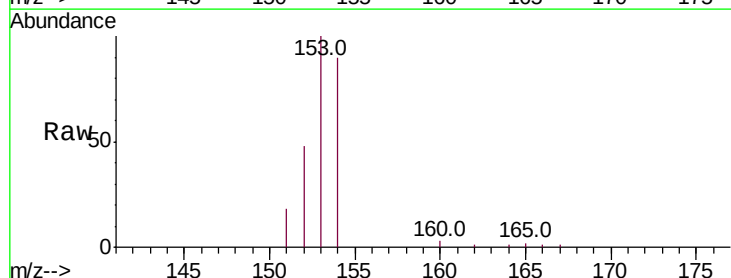
Tgt Ion:153 Resp: 10017

Ion Ratio Lower Upper

153 100

152 48.1 38.2 57.2

154 90.1 71.8 107.8

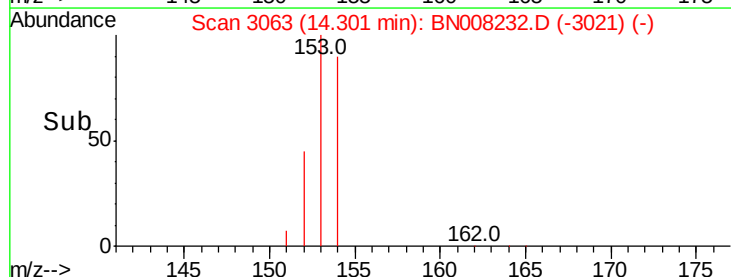
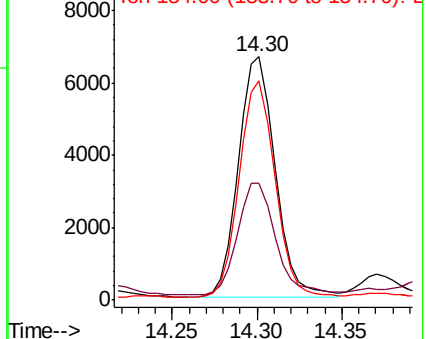


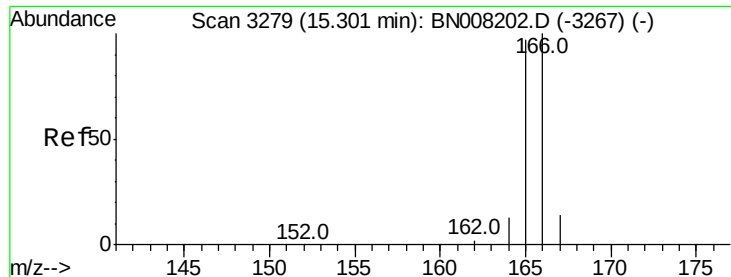
Abundance

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

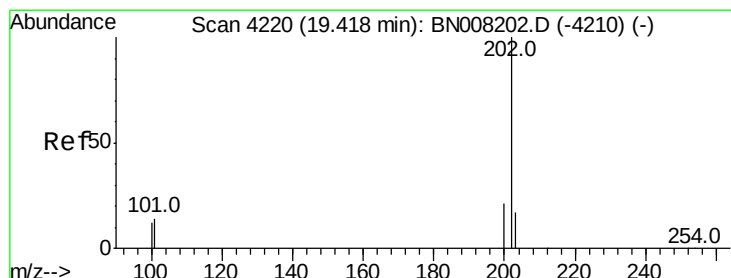
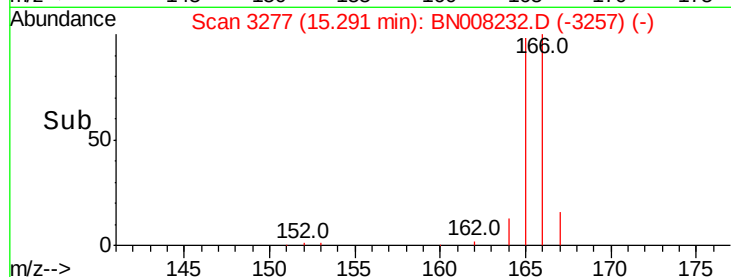
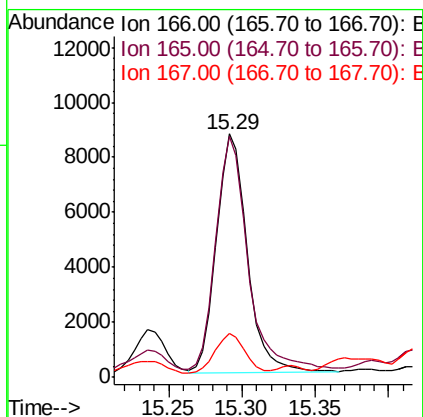
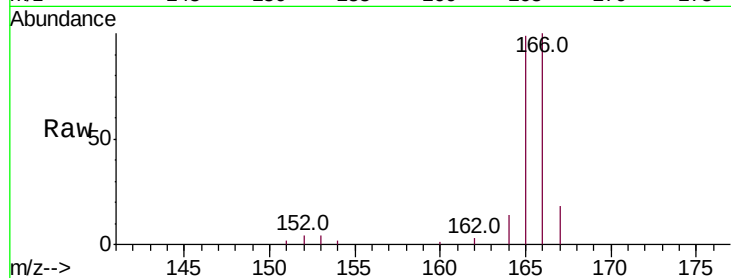




#9
Fluorene
 Concen: 0.330 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008232.D
 Acq: 17 Oct 2019 21:46

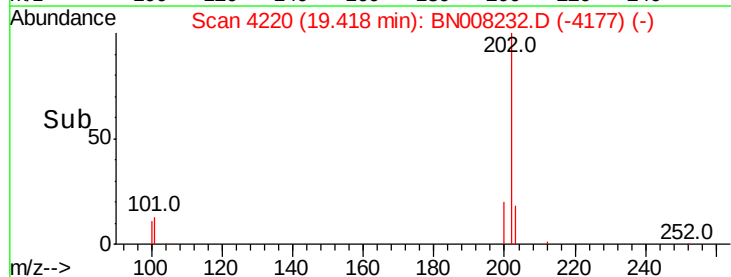
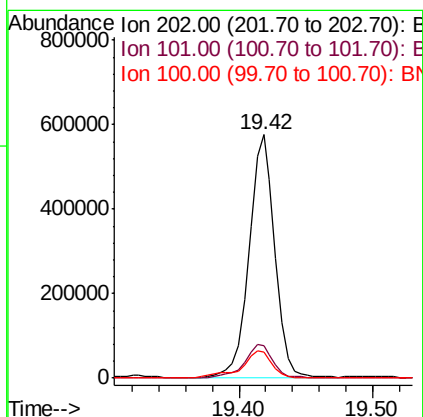
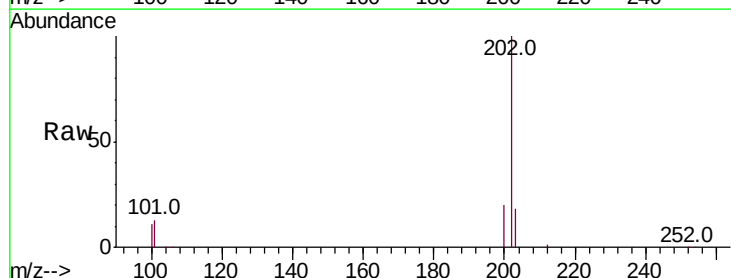
Instrument :
 BNA_N
 ClientSampleId :

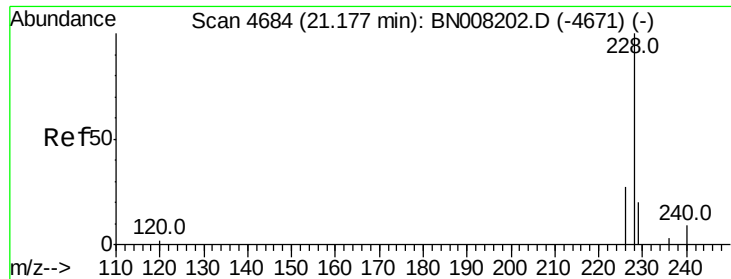
Tot Ion:166 Resp: 12559
 Ion Ratio Lower Upper
 166 100
 165 98.9 76.6 115.0
 167 17.9 11.7 17.5#



#17
Pyrene
 Concen: 15.097 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008232.D
 Acq: 17 Oct 2019 21:46

Tgt Ion:202 Resp: 767691
 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: 7.933 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

ClientSampleId :

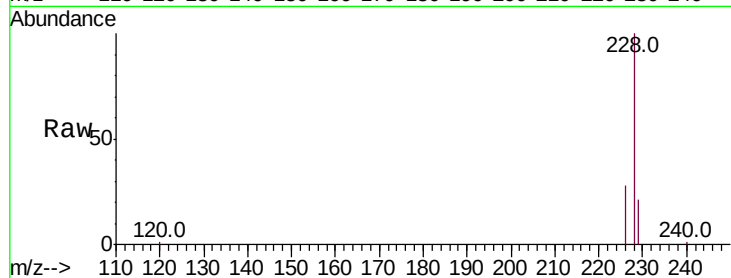
Tot Ion:228 Resp: 368317

Ion Ratio Lower Upper

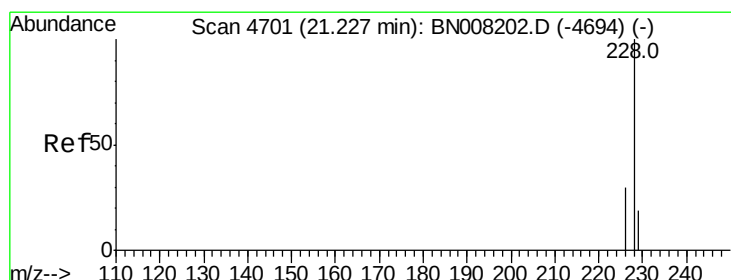
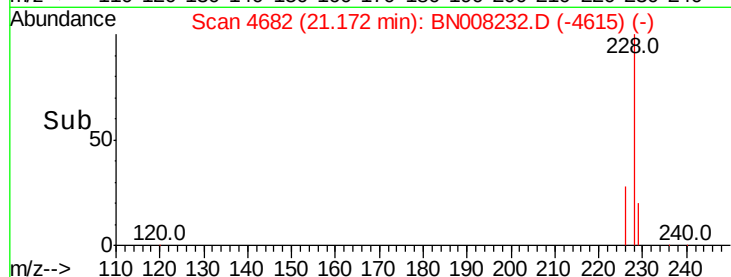
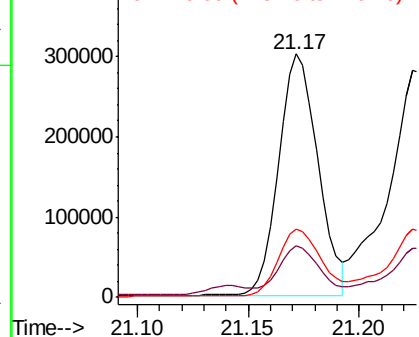
228 100

229 21.0 16.2 24.2

226 28.2 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: 7.174 ng/ul

RT: 21.22 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

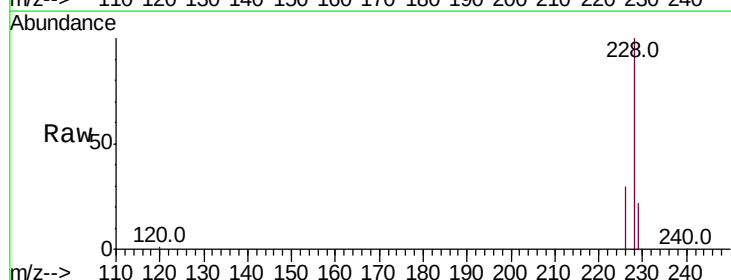
Tgt Ion:228 Resp: 408779

Ion Ratio Lower Upper

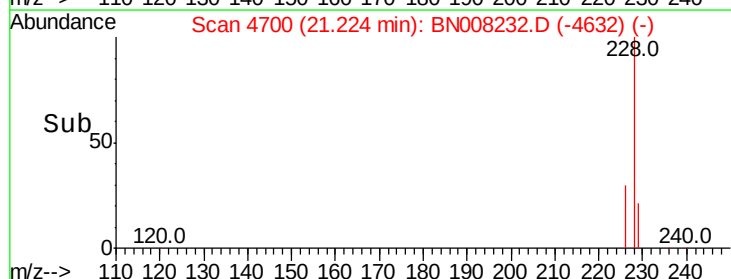
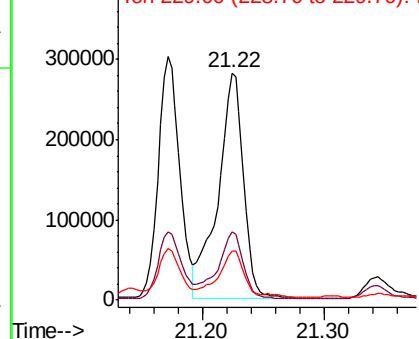
228 100

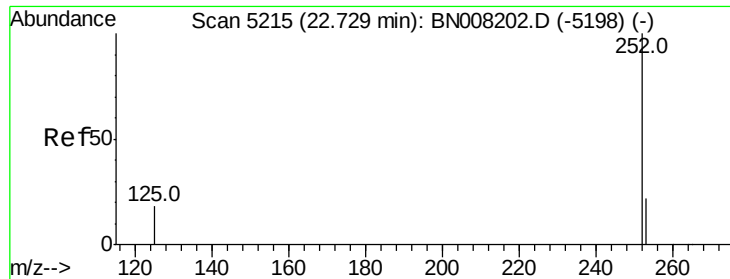
226 30.0 24.1 36.1

229 21.6 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: 16.230 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

ClientSampled :

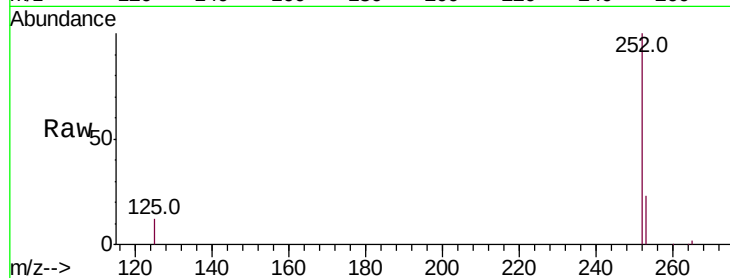
Tot Ion:252 Resp: 601928

Ion Ratio Lower Upper

252 100

253 23.0 0.0 53.4

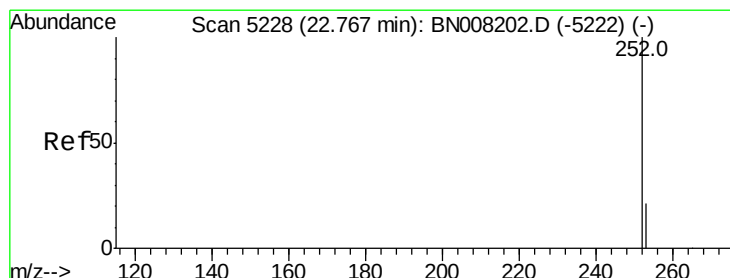
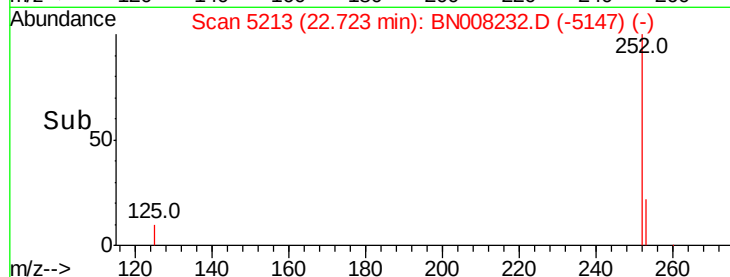
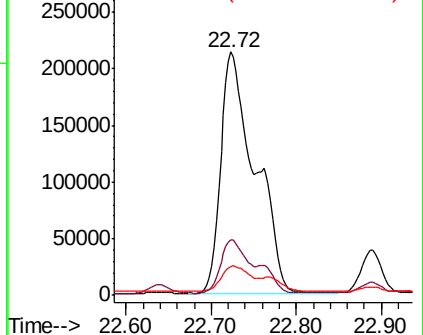
125 11.9 0.0 32.4



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: 14.327 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.04 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

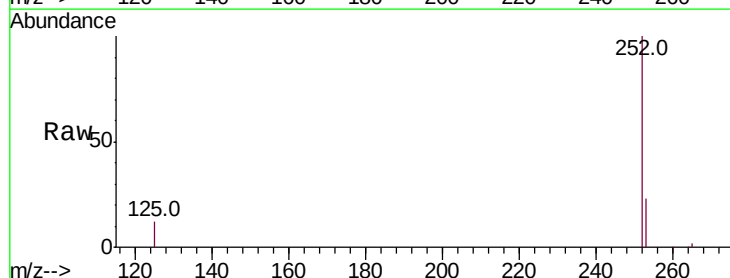
Tgt Ion:252 Resp: 601928

Ion Ratio Lower Upper

252 100

253 23.0 21.3 31.9

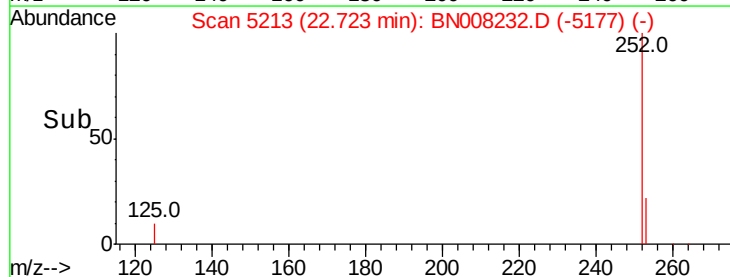
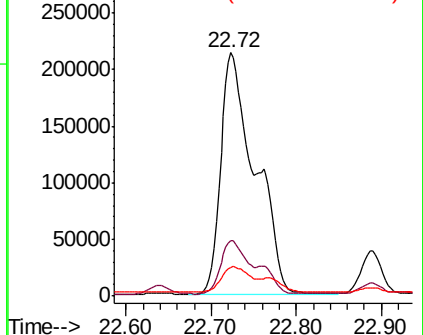
125 11.9 12.3 18.5#

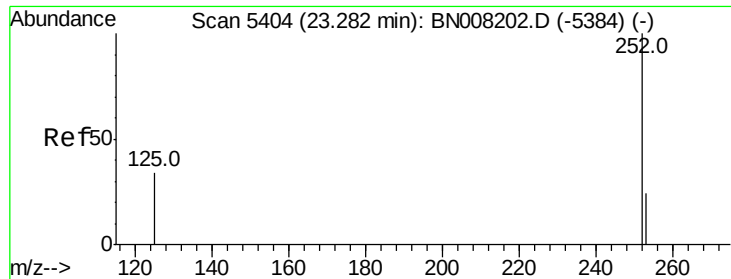


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 8.300 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

Instrument :

BNA_N

ClientSampleId :

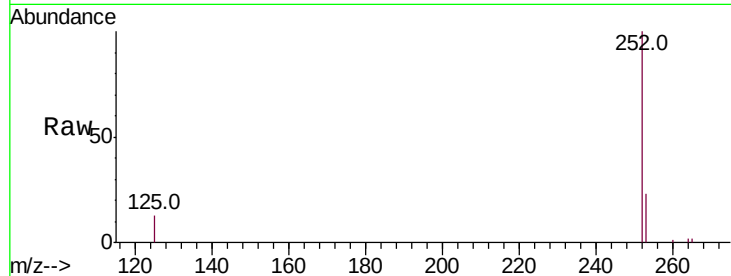
Tot Ion:252 Resp: 323917

Ion Ratio Lower Upper

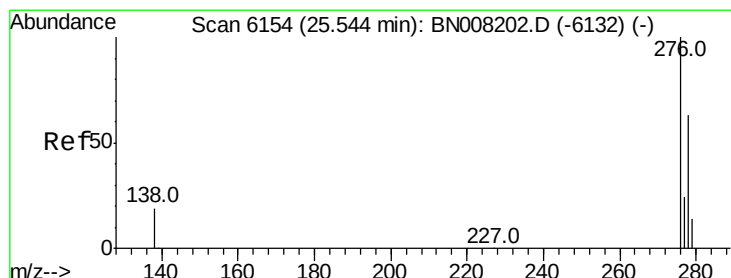
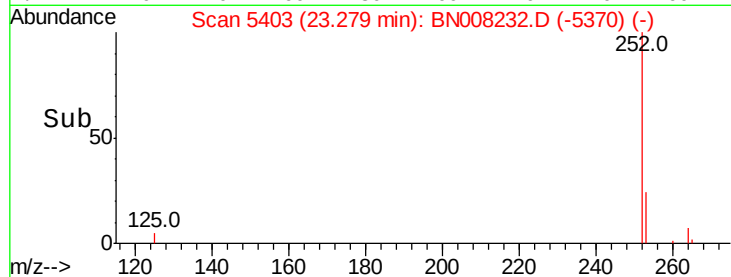
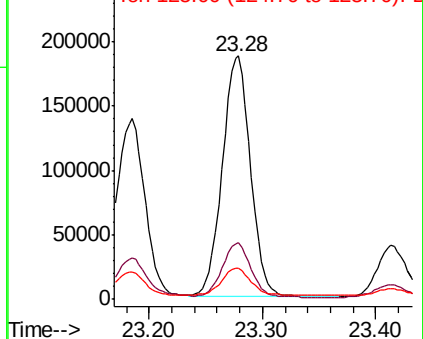
252 100

253 23.1 22.8 34.2

125 12.7 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: 4.835 ng/ul

RT: 25.54 min Scan# 6152

Delta R.T. -0.01 min

Lab File: BN008232.D

Acq: 17 Oct 2019 21:46

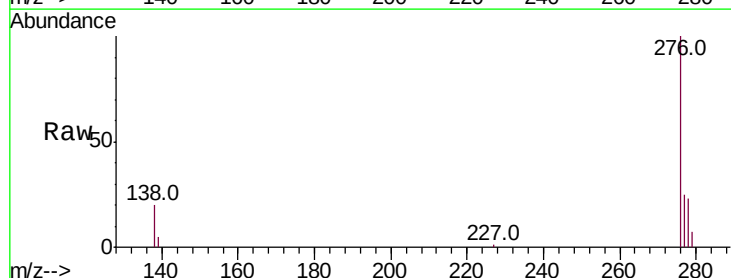
Tgt Ion:276 Resp: 222230

Ion Ratio Lower Upper

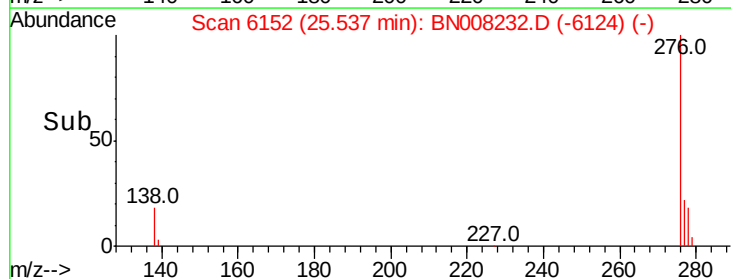
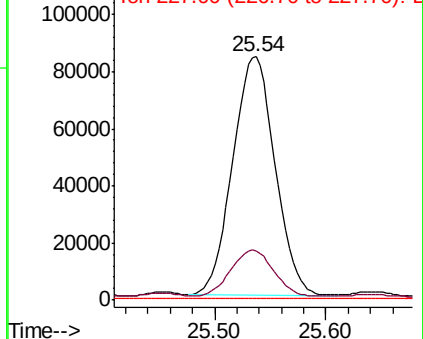
276 100

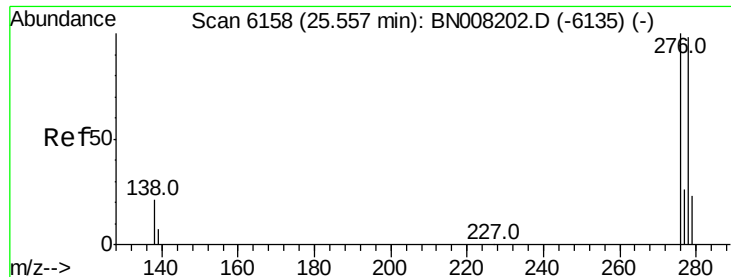
138 19.6 16.1 24.1

227 0.3 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



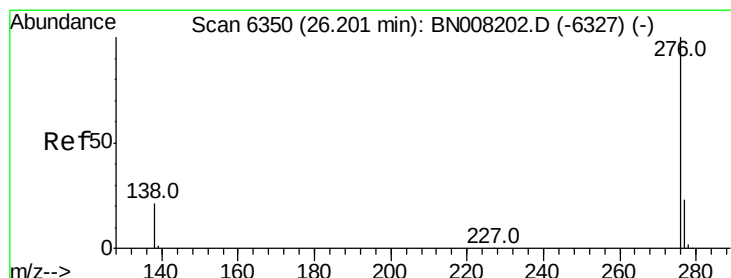
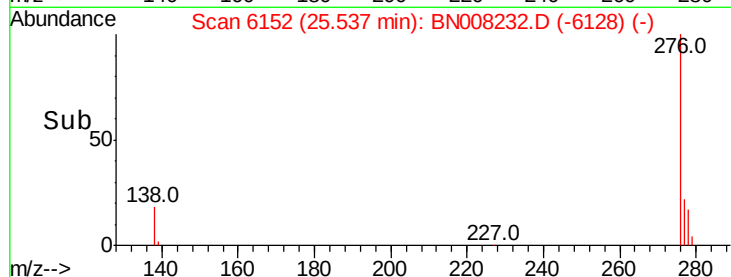
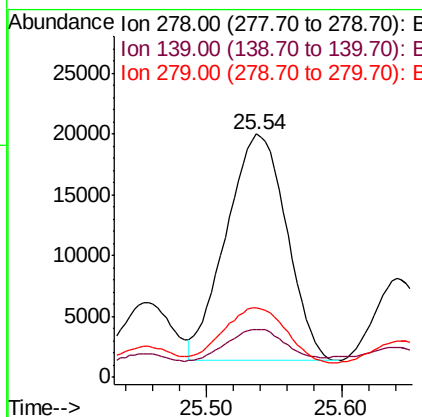
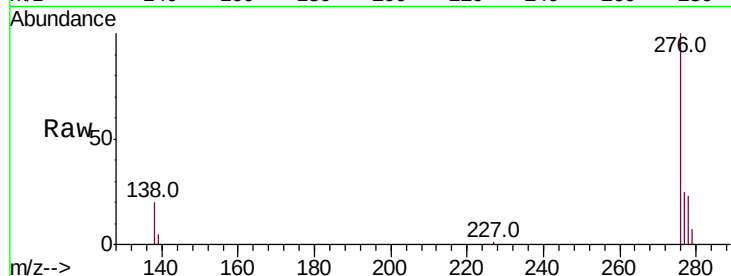


#25
Dibenzo(a,h)anthracene
Concen: 1.599 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 58103

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.0	22.6
279	28.8	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 5.219 ng/ul
RT: 26.19 min Scan# 6348
Delta R.T. -0.01 min
Lab File: BN008232.D
Acq: 17 Oct 2019 21:46

Tgt Ion:276 Resp: 219986

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.0	25.4
277	24.2	20.4	30.6

