

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
 Data File : BN008672.D
 Acq On : 20 Nov 2019 22:08
 Operator : JU
 Sample : K5851-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 00:43:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

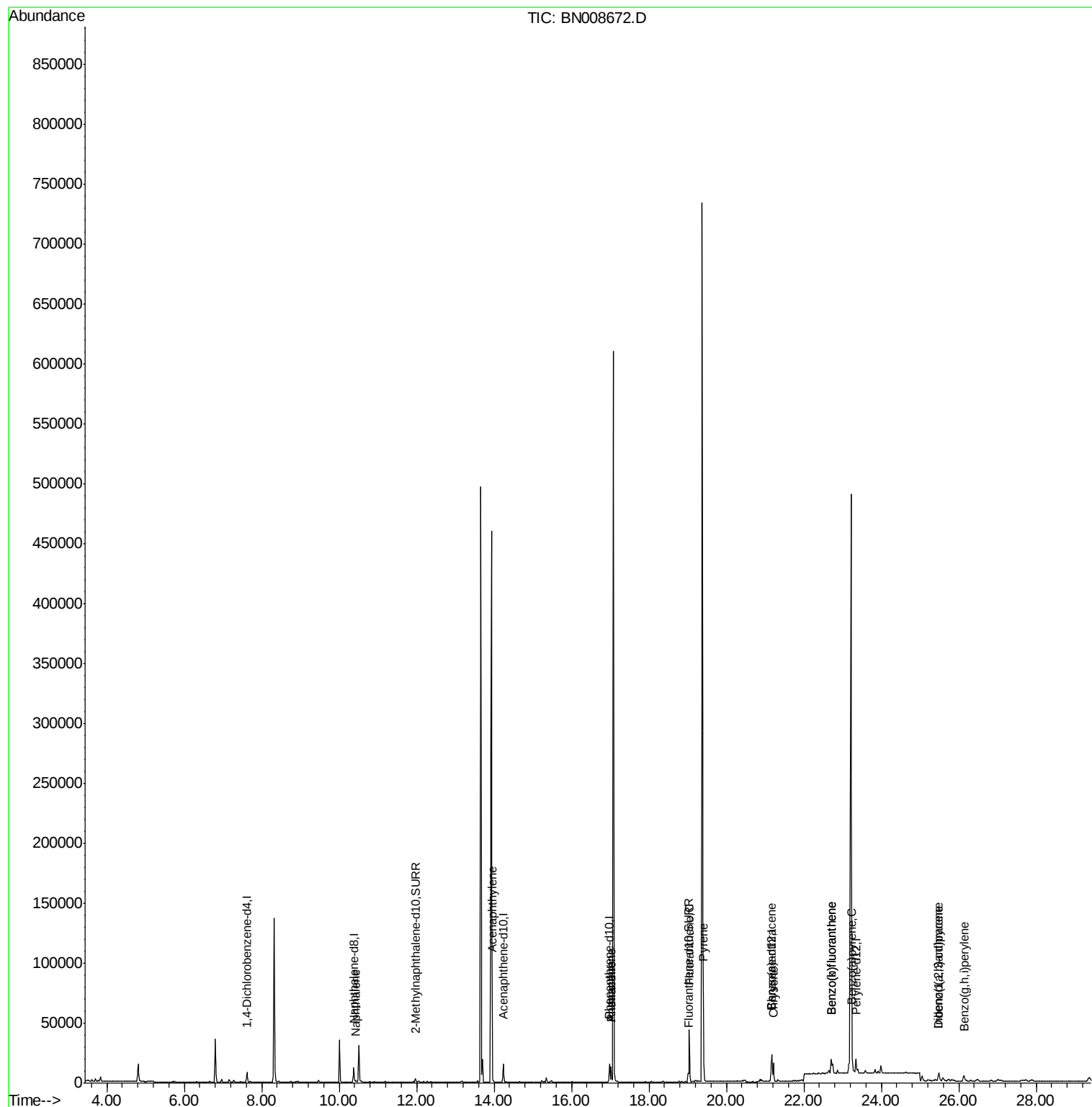
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4001	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15081	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17075	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13975	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13940	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3859	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8524	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	1133	0.025	ng/ul#	80
7) Acenaphthylene	13.95	152	2601	0.057	ng/ul#	92
12) Phenanthrene	17.02	178	13667	0.237	ng/ul	100
13) Anthracene	17.02	178	8852	0.163	ng/ul	99
15) Fluoranthene	19.04	202	35522	0.502	ng/ul	92
17) Pyrene	19.41	202	32032	0.571	ng/ul	99
18) Benzo(a)anthracene	21.16	228	14742	0.262	ng/ul	95
19) Chrysene	21.22	228	15202	0.275	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	25479	0.443	ng/ul	82
22) Benzo(k)fluoranthene	22.71	252	25464	0.447	ng/ul#	86
23) Benzo(a)pyrene	23.25	252	13038	0.242	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.49	276	9105	0.144	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	2115	0.042	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	8832	0.167	ng/ul#	88

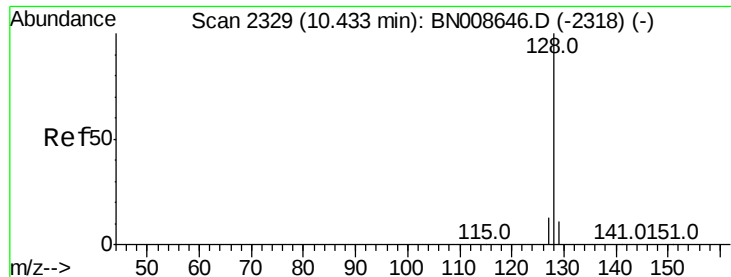
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

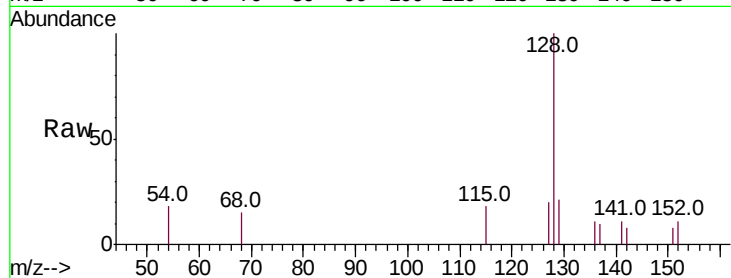
Tot Ion:128 Resp: 1133

Ion Ratio Lower Upper

128 100

129 21.4 9.7 14.5#

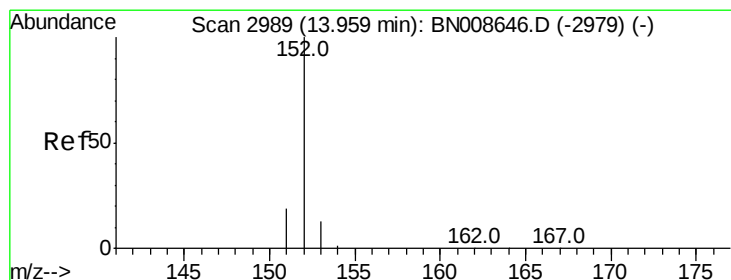
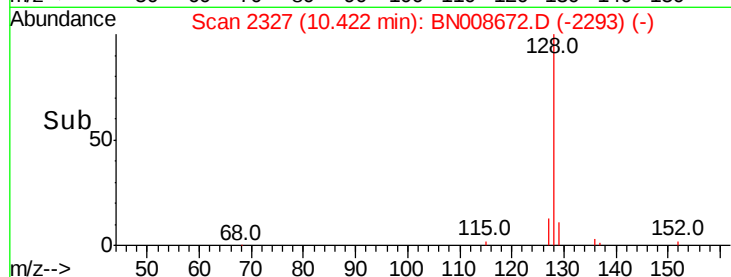
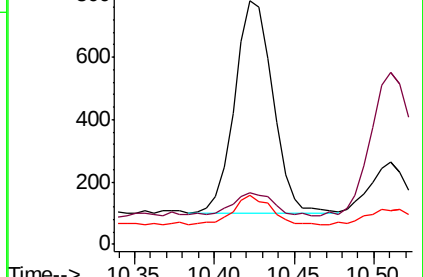
127 20.3 10.8 16.2#



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



#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

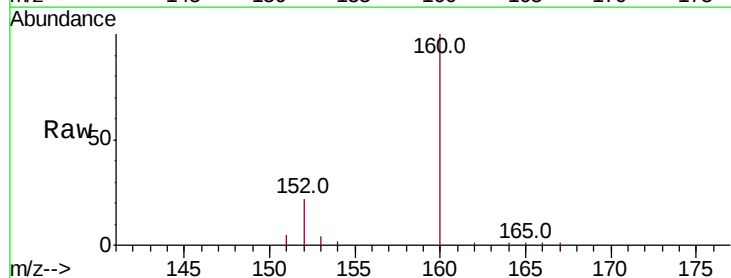
Tgt Ion:152 Resp: 2601

Ion Ratio Lower Upper

152 100

151 23.9 16.6 24.8

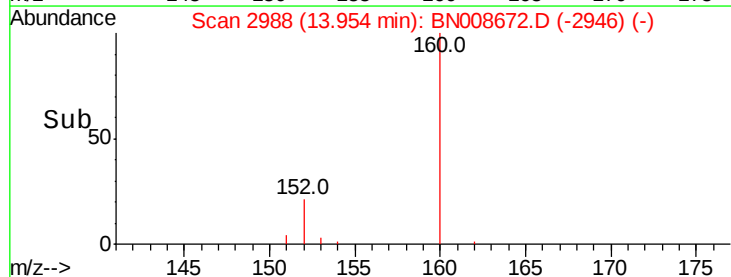
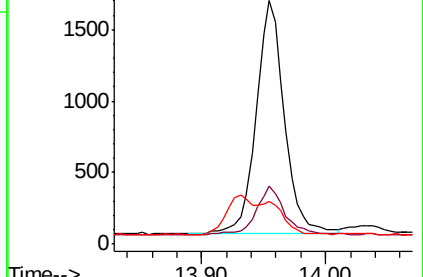
153 17.5 11.1 16.7#

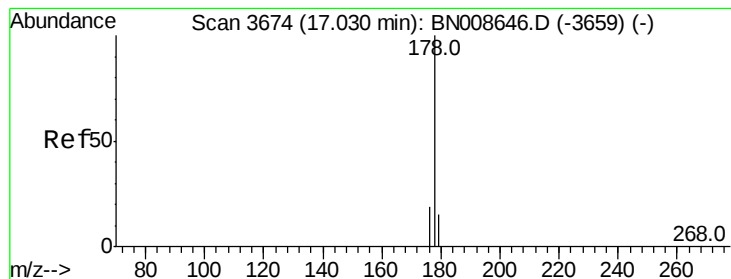


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.237 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

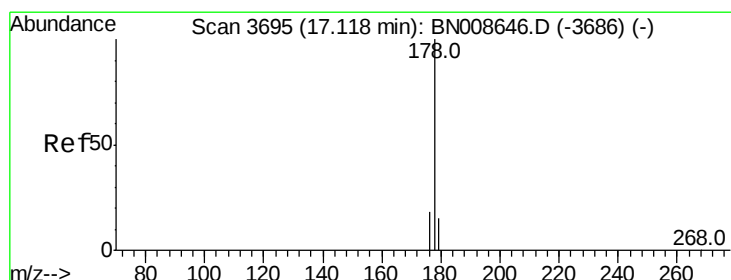
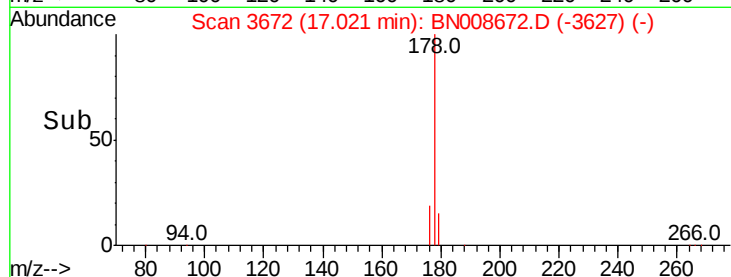
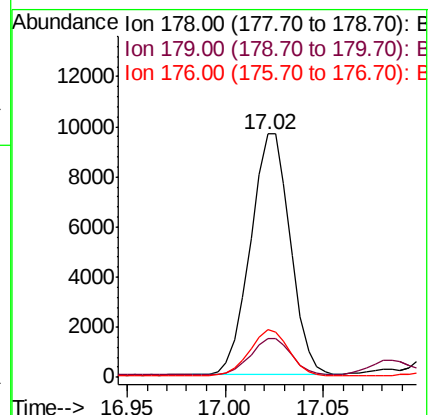
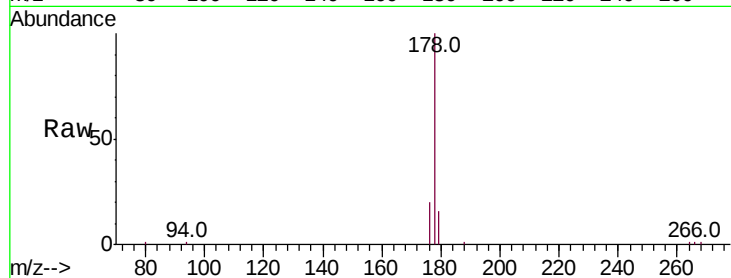
Tot Ion:178 Resp: 13667

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 19.8 16.0 24.0



#13

Anthracene

Concen: 0.163 ng/ul

RT: 17.02 min Scan# 3672

Delta R.T. -0.10 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

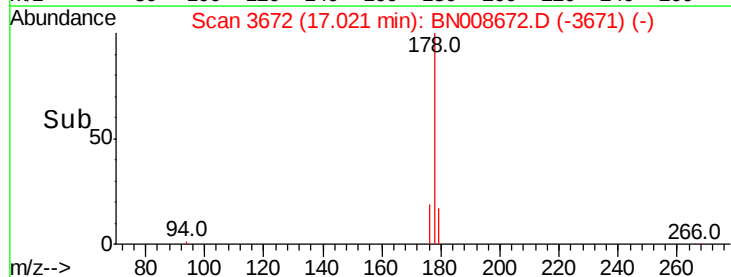
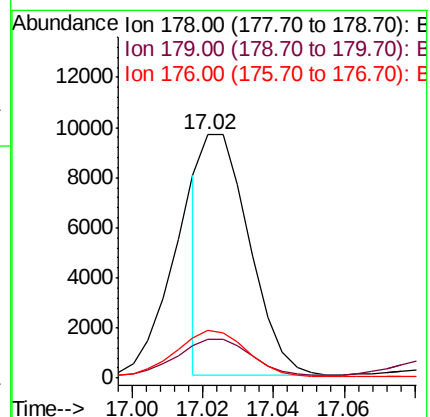
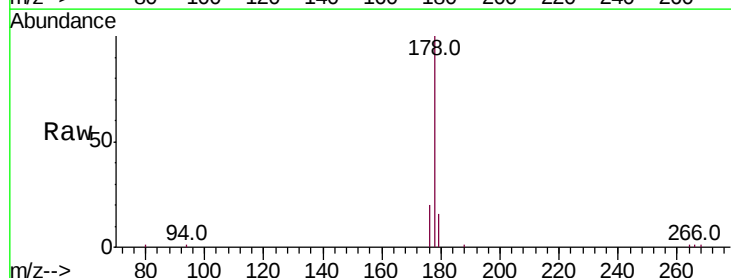
Tgt Ion:178 Resp: 8852

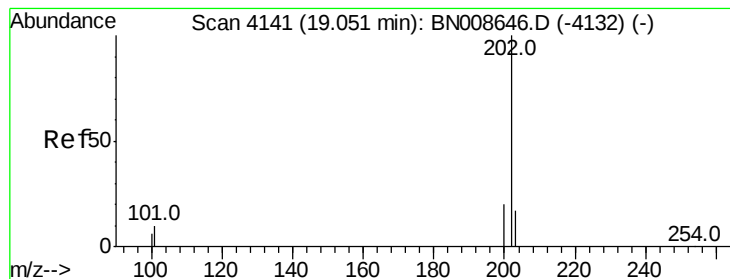
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.4

176 19.8 15.3 22.9





#15

Fluoranthene

Concen: 0.502 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

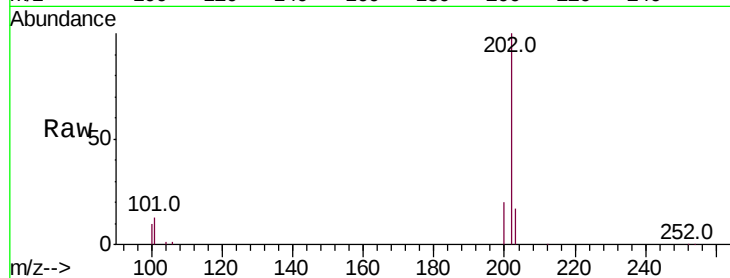
Tot Ion:202 Resp: 35522

Ion Ratio Lower Upper

202 100

101 12.7 0.0 29.6

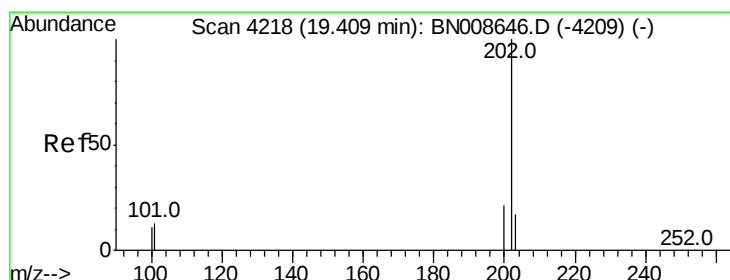
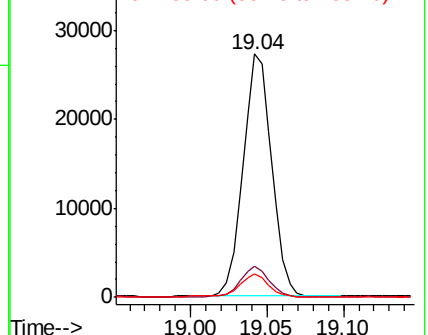
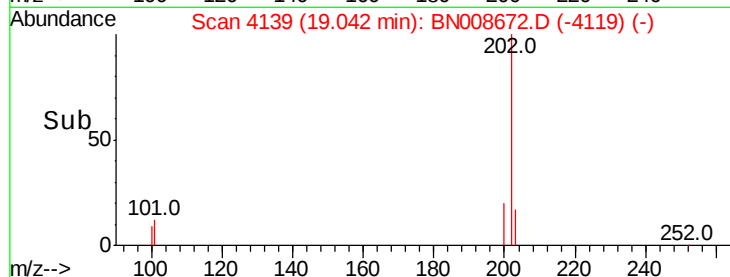
100 9.6 0.0 27.0



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): B



#17

Pyrene

Concen: 0.571 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

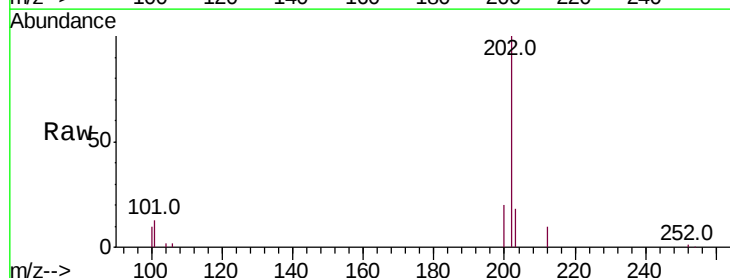
Tgt Ion:202 Resp: 32032

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

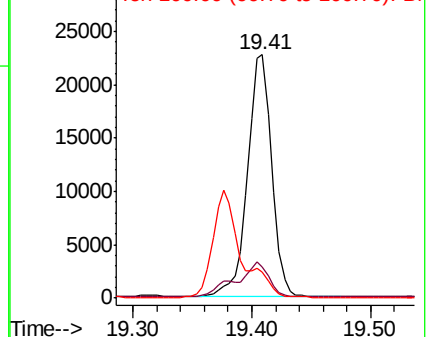
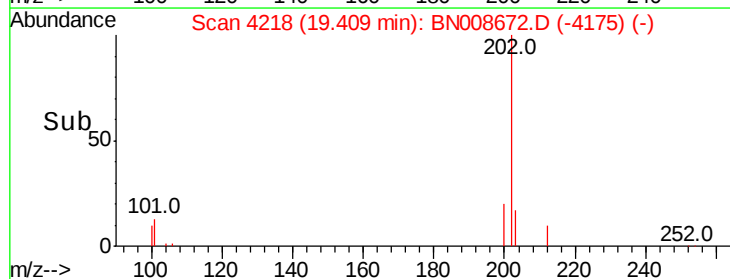
100 10.4 8.2 12.2

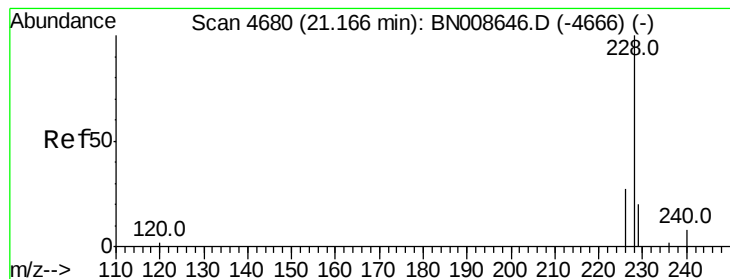


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.262 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

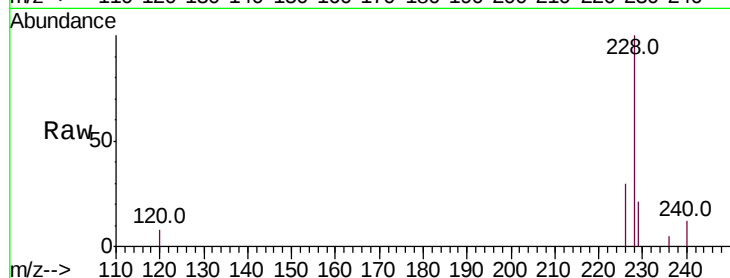
Tot Ion:228 Resp: 14742

Ion Ratio Lower Upper

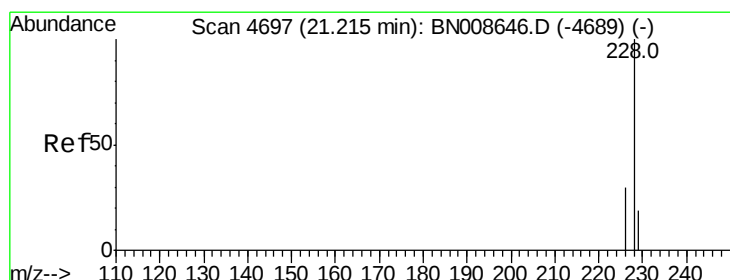
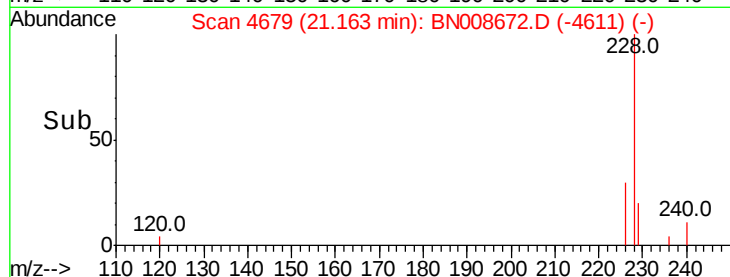
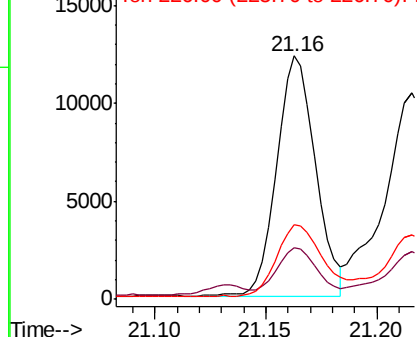
228 100

229 21.3 15.8 23.6

226 30.5 21.6 32.4



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: 0.275 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

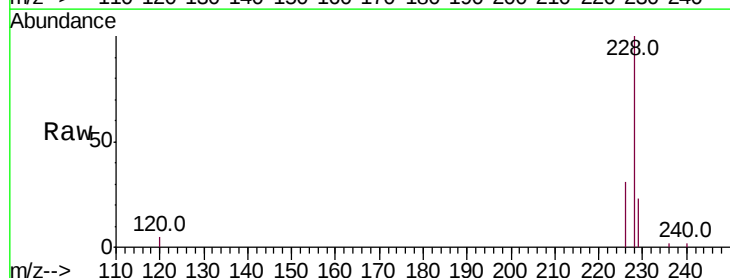
Tgt Ion:228 Resp: 15202

Ion Ratio Lower Upper

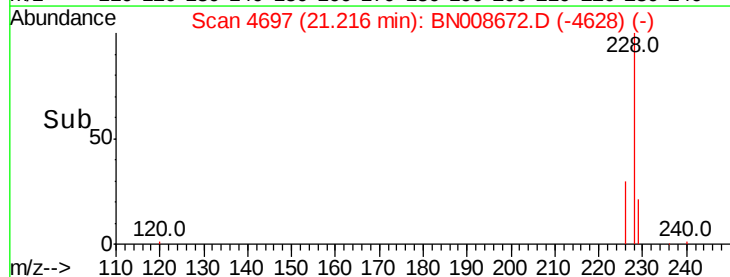
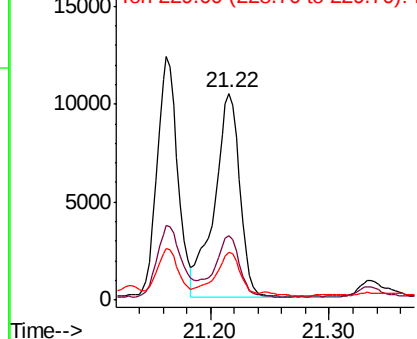
228 100

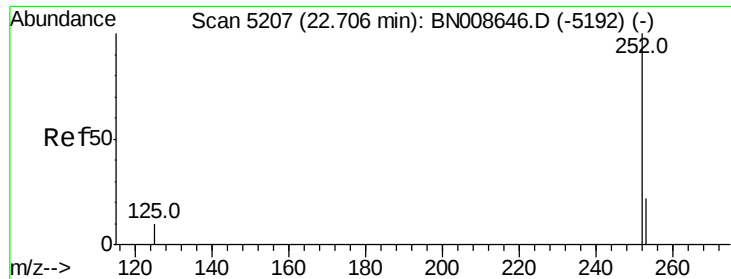
226 31.4 24.5 36.7

229 22.9 15.5 23.3



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: 0.443 ng/u1

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

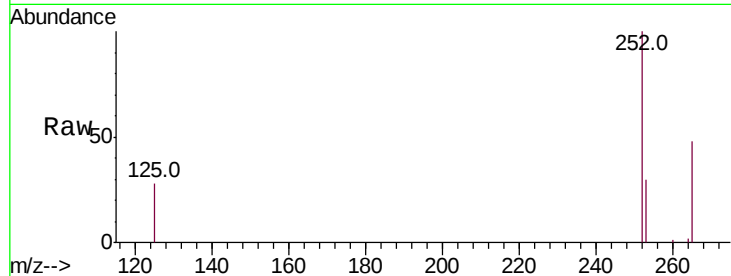
Tot Ion:252 Resp: 25479

Ion Ratio Lower Upper

252 100

253 29.5 0.0 50.2

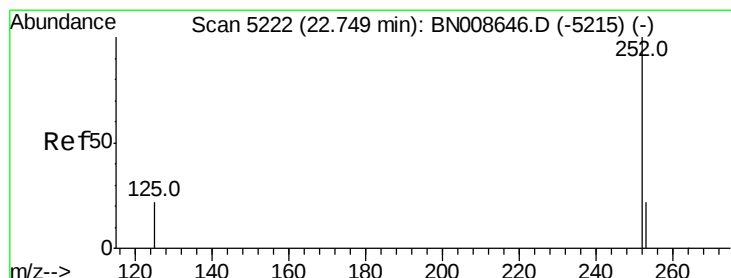
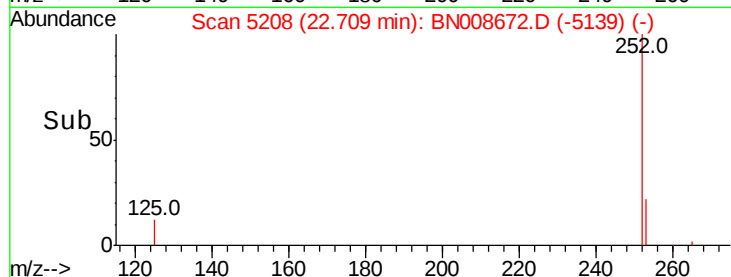
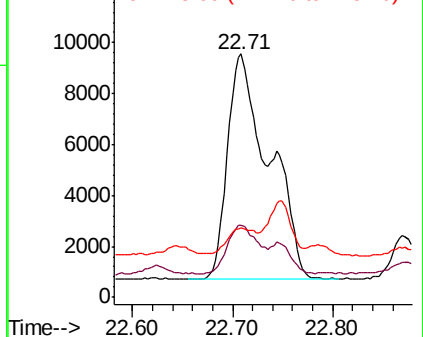
125 28.4 0.0 30.0



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: 0.447 ng/u1

RT: 22.71 min Scan# 5208

Delta R.T. -0.04 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

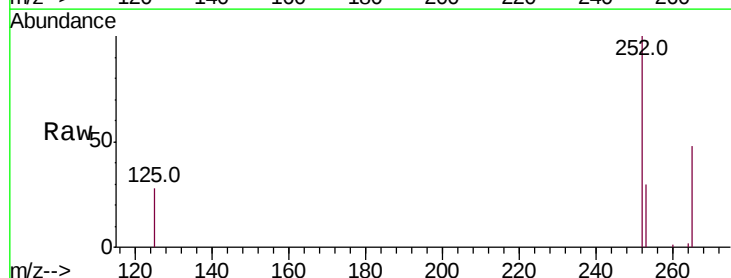
Tgt Ion:252 Resp: 25464

Ion Ratio Lower Upper

252 100

253 29.5 20.5 30.7

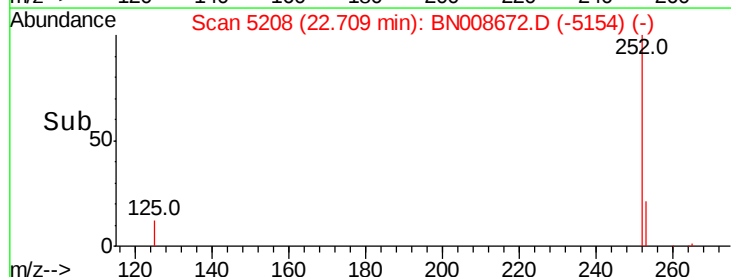
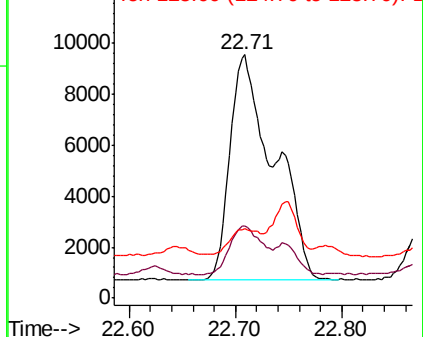
125 28.4 15.0 22.4#

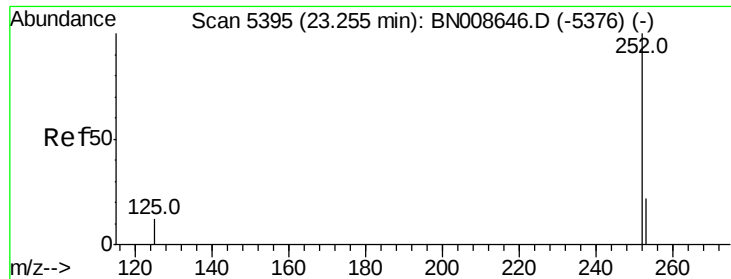


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.242 ng/ul

RT: 23.25 min Scan# 5394

Delta R.T. -0.00 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

Instrument :

BNA_N

ClientSampleId :

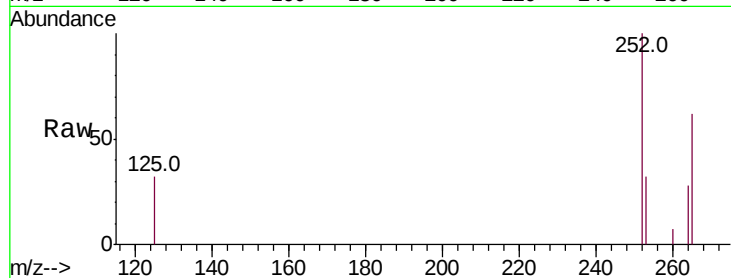
Tot Ion:252 Resp: 13038

Ion Ratio Lower Upper

252 100

253 32.0 21.4 32.2

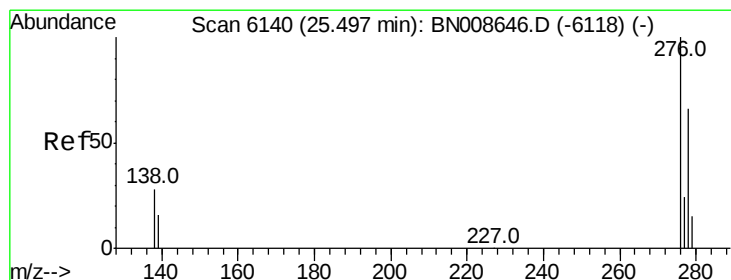
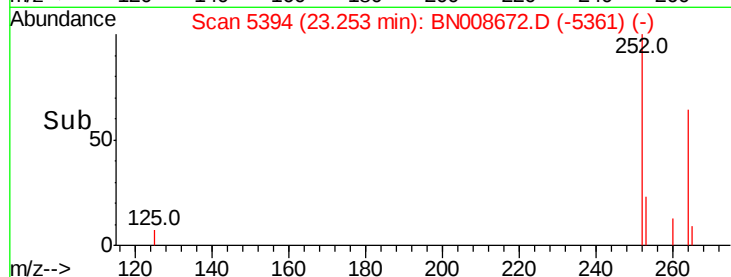
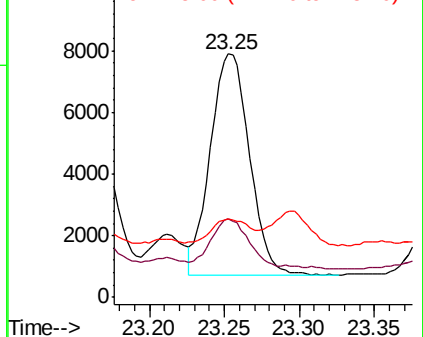
125 32.3 13.8 20.8#



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: 0.144 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. -0.01 min

Lab File: BN008672.D

Acq: 20 Nov 2019 22:08

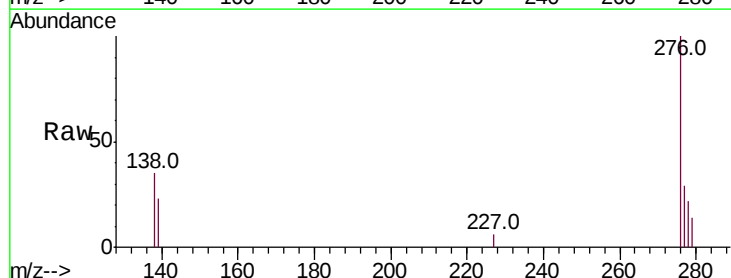
Tgt Ion:276 Resp: 9105

Ion Ratio Lower Upper

276 100

138 29.0 21.7 32.5

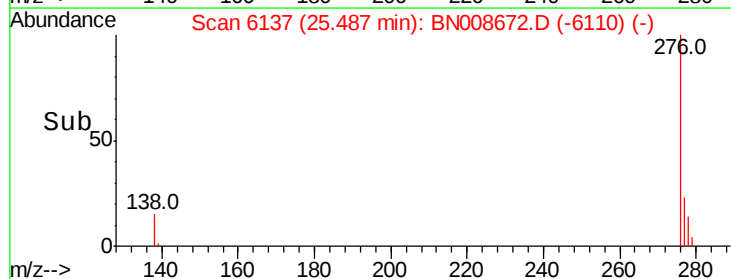
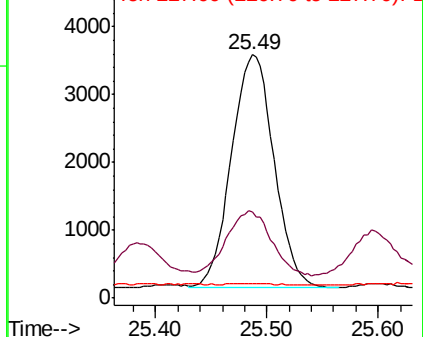
227 0.0 0.2 0.2#

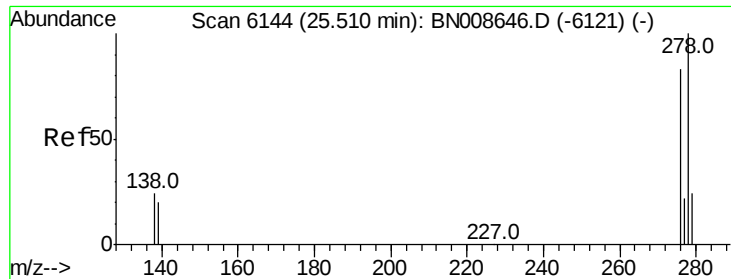


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

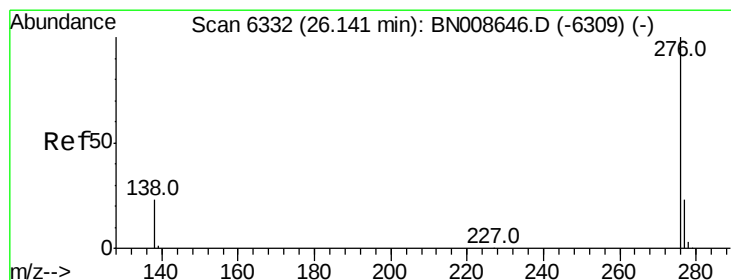
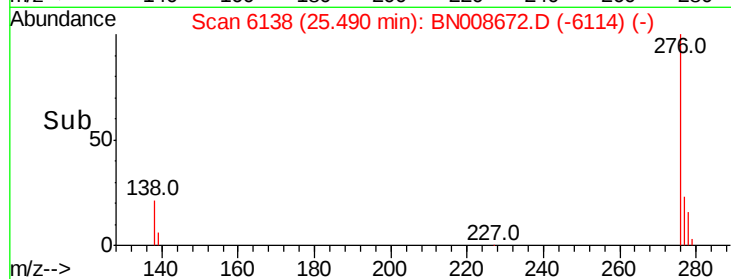
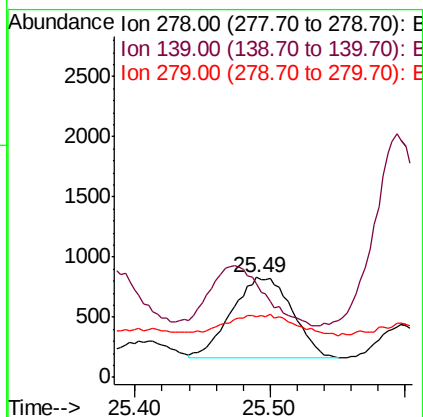
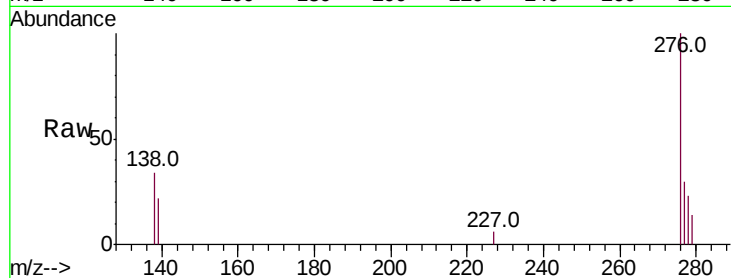




#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2115
Ion Ratio Lower Upper
278 100
139 94.2 18.7 28.1#
279 60.2 20.8 31.2#



#26
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:276 Resp: 8832
Ion Ratio Lower Upper
276 100
138 32.5 20.0 30.0#
277 30.0 20.0 30.0

