

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008287.D
 Acq On : 21 Oct 2019 17:39
 Operator : JU
 Sample : K5178-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 00:01:05 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

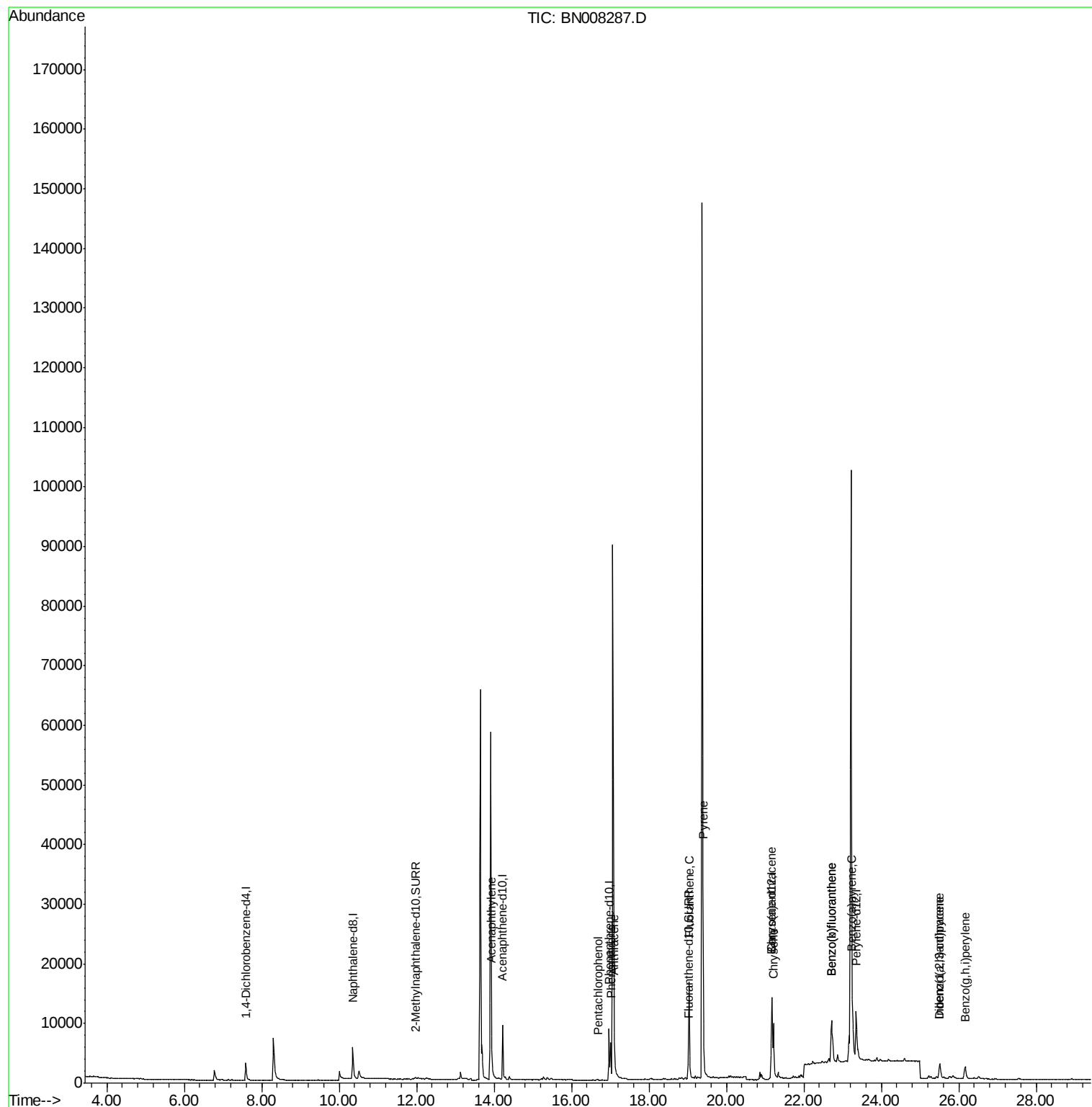
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1835	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8327	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5241	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11106	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10827	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9179	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	825	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	3024	0.08	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	1178	0.047	ng/ul#	86
11) Pentachlorophenol	16.68	266	78	0.029	ng/ul#	81
12) Phenanthrene	17.01	178	6792	0.209	ng/ul	98
13) Anthracene	17.11	178	1875	0.066	ng/ul#	89
15) Fluoranthene	19.04	202	15664	0.365	ng/ul	96
17) Pyrene	19.40	202	17531	0.407	ng/ul	97
18) Benzo(a)anthracene	21.16	228	9408	0.239	ng/ul	95
19) Chrysene	21.21	228	9840	0.204	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	15811	0.529	ng/ul	91
22) Benzo(k)fluoranthene	22.71	252	15811	0.467	ng/ul#	90
23) Benzo(a)pyrene	23.26	252	7889	0.251	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.51	276	4543	0.123	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.51	278	1022	0.035	ng/ul#	43
26) Benzo(g,h,i)perylene	26.16	276	4605	0.136	ng/ul#	90

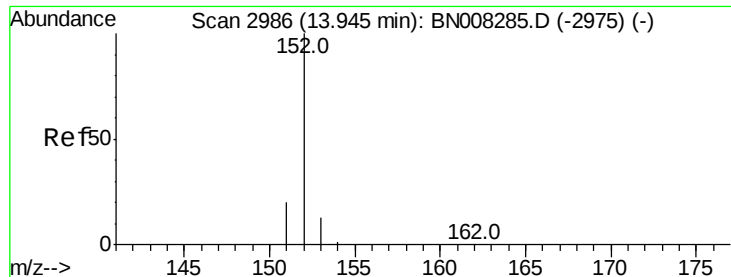
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

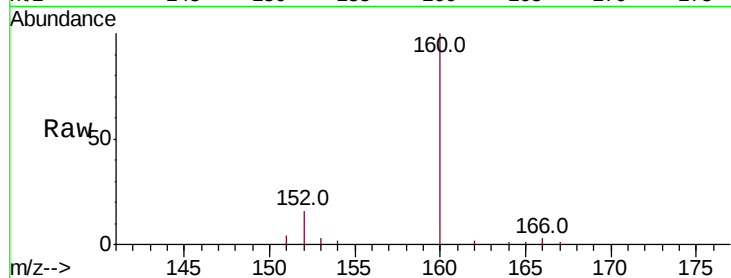
Tot Ion:152 Resp: 1178

Ion Ratio Lower Upper

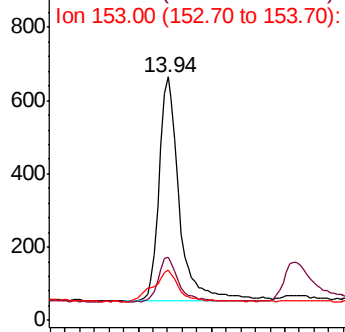
152 100

151 25.9 16.2 24.4#

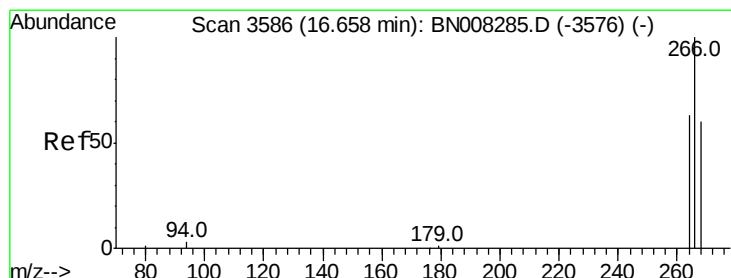
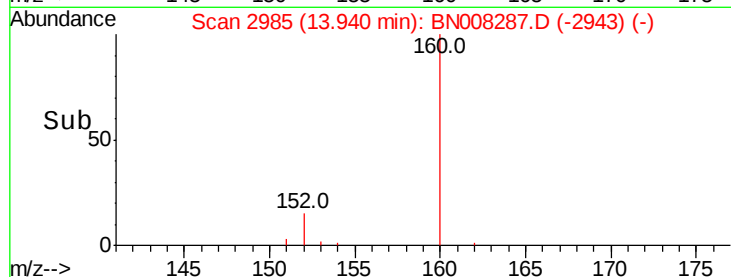
153 20.9 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): E



Time--> 13.80 13.90 14.00 14.10



#11

Pentachlorophenol

Concen: 0.029 ng/ul

RT: 16.68 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

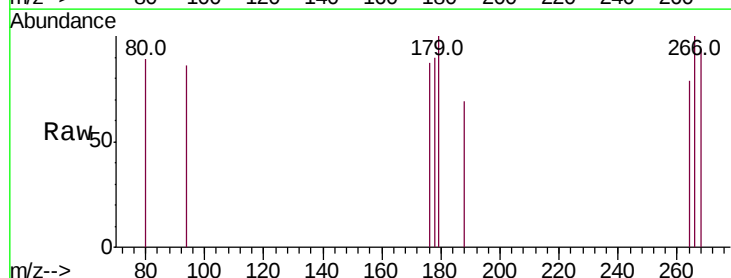
Tgt Ion:266 Resp: 78

Ion Ratio Lower Upper

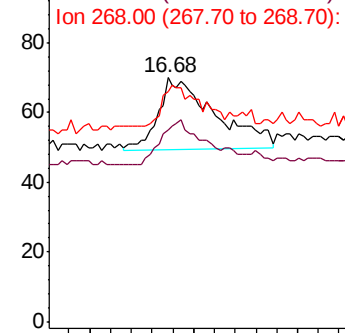
266 100

264 56.4 50.1 75.1

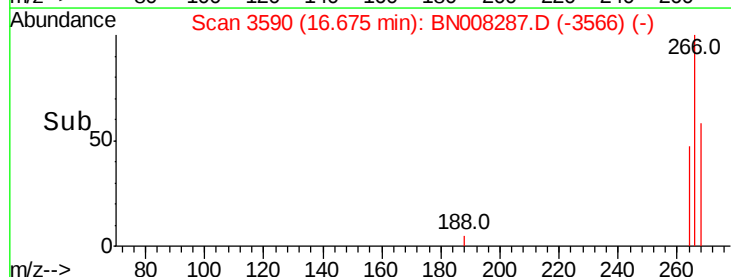
268 42.3 51.9 77.9#

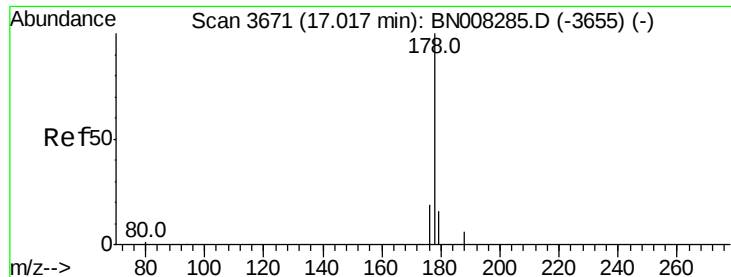


Abundance Ion 266.00 (265.70 to 266.70): E



Time--> 16.60 16.70 16.80





#12

Phenanthrene

Concen: 0.209 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

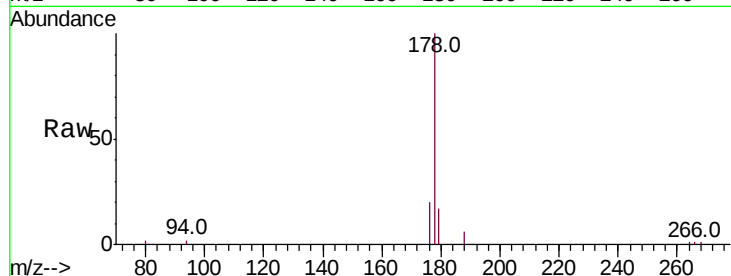
Tot Ion:178 Resp: 6792

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

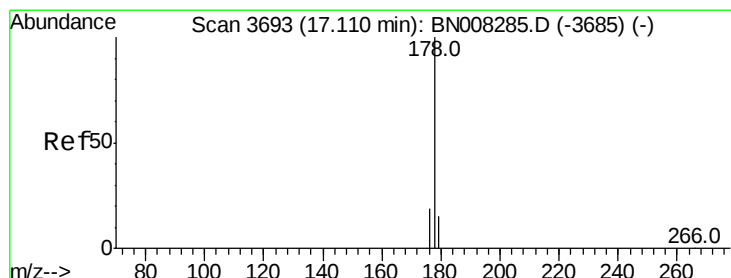
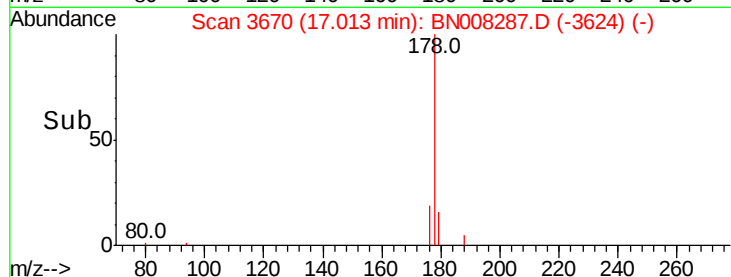
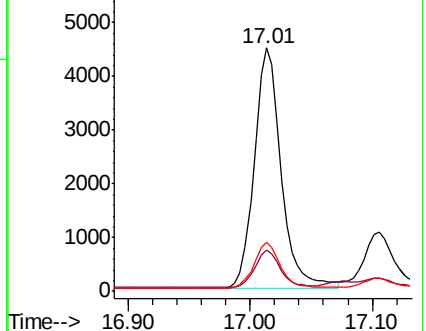
176 19.9 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.066 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

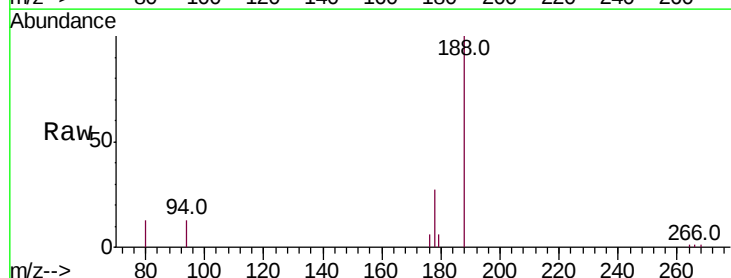
Tgt Ion:178 Resp: 1875

Ion Ratio Lower Upper

178 100

179 22.2 13.0 19.6#

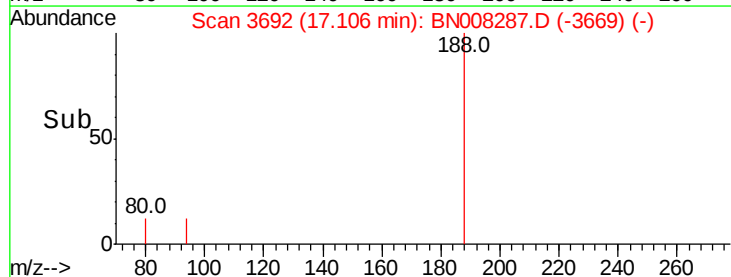
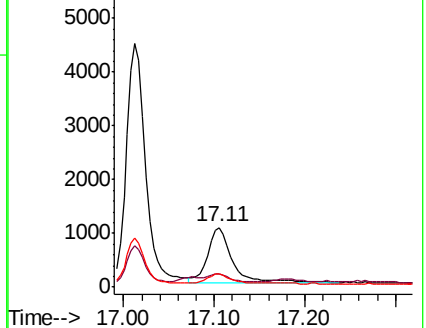
176 22.7 15.0 22.6#

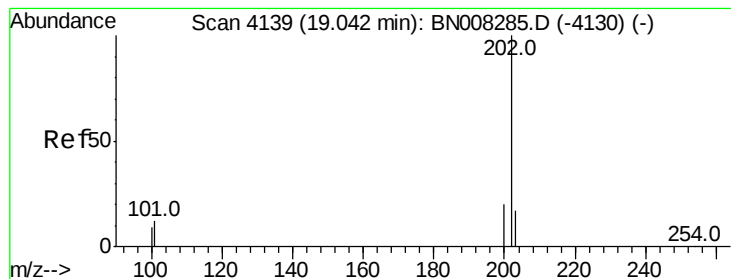


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.365 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

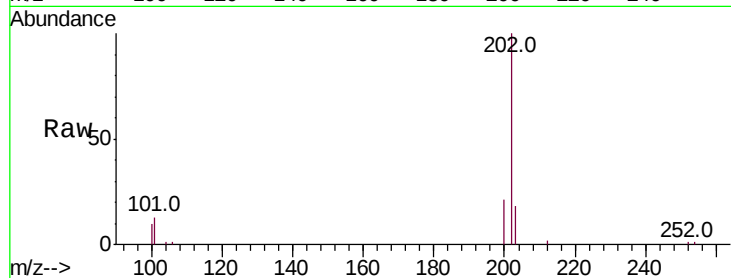
Tot Ion:202 Resp: 15664

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.2

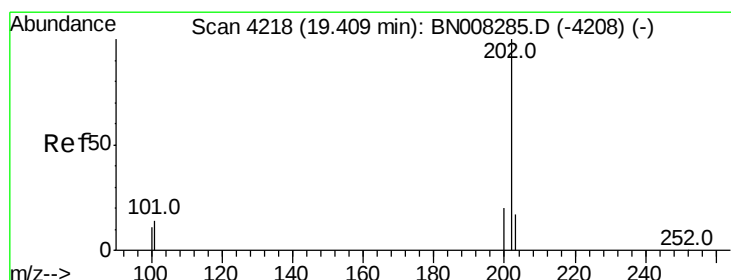
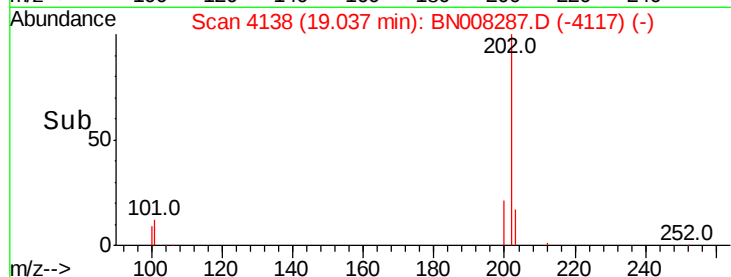
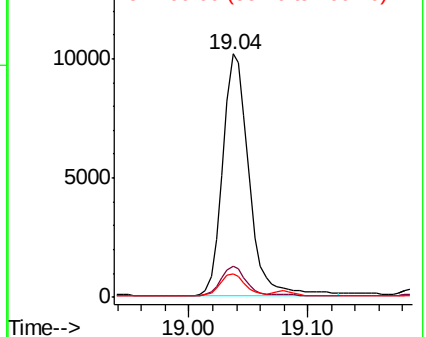
100 9.7 0.0 28.5



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: 0.407 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

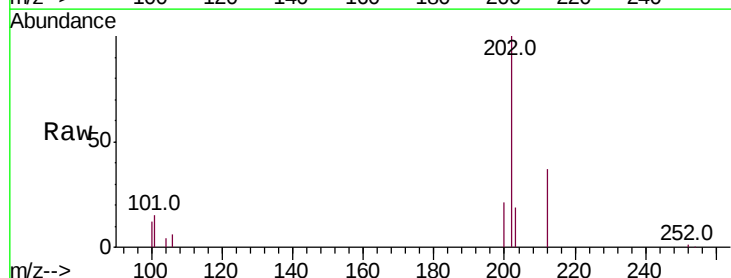
Tgt Ion:202 Resp: 17531

Ion Ratio Lower Upper

202 100

101 14.6 10.9 16.3

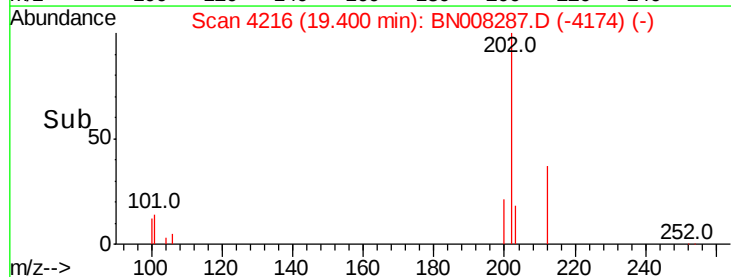
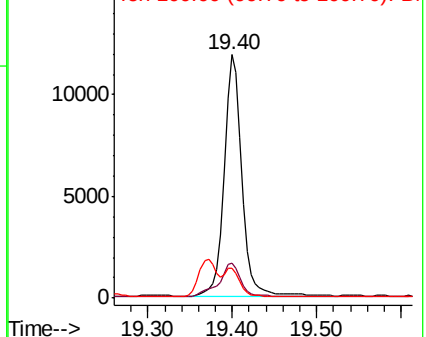
100 12.4 8.7 13.1

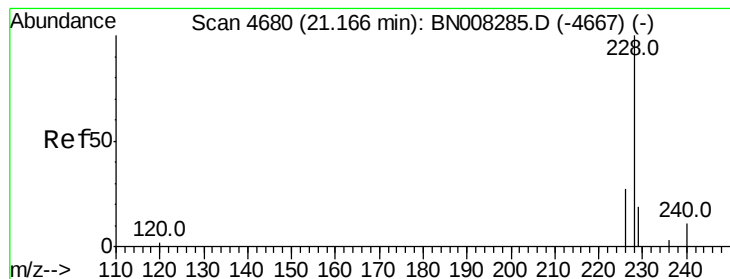


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.239 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

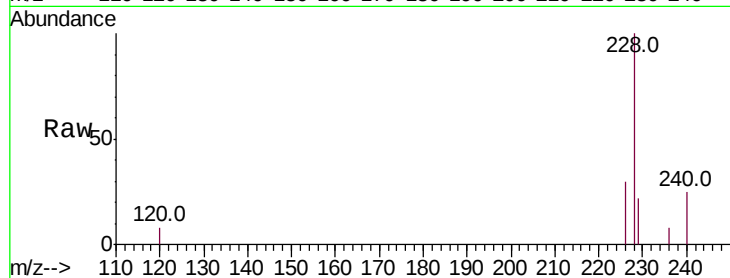
Tot Ion:228 Resp: 9408

Ion Ratio Lower Upper

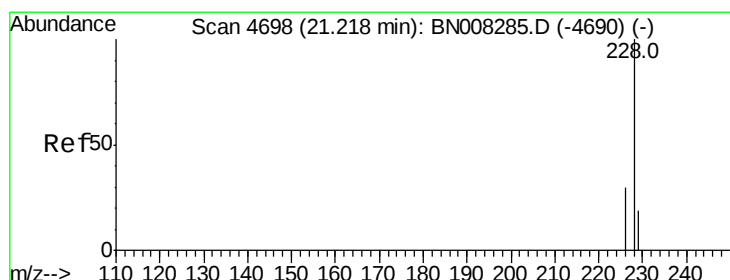
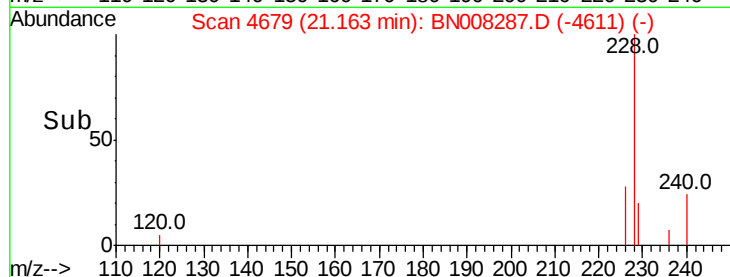
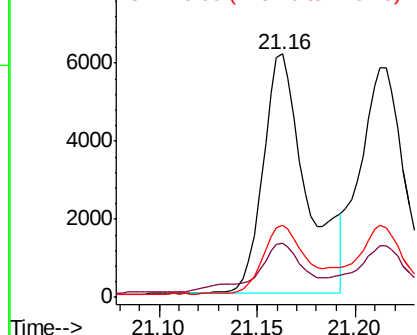
228 100

229 22.3 16.2 24.2

226 29.7 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: 0.204 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

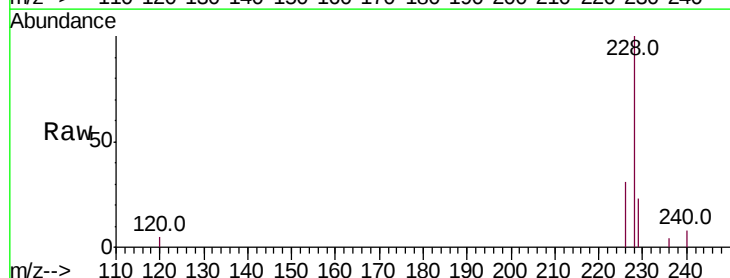
Tgt Ion:228 Resp: 9840

Ion Ratio Lower Upper

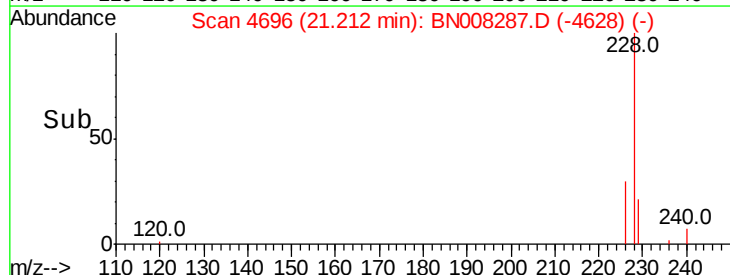
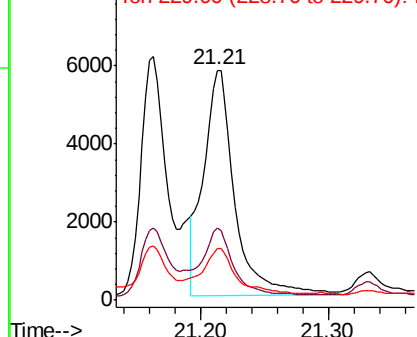
228 100

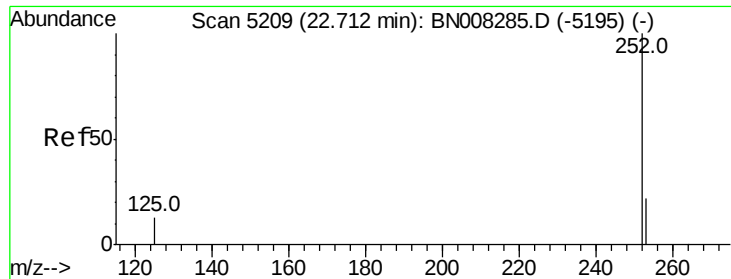
226 31.5 24.1 36.1

229 22.6 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: 0.529 ng/u1

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

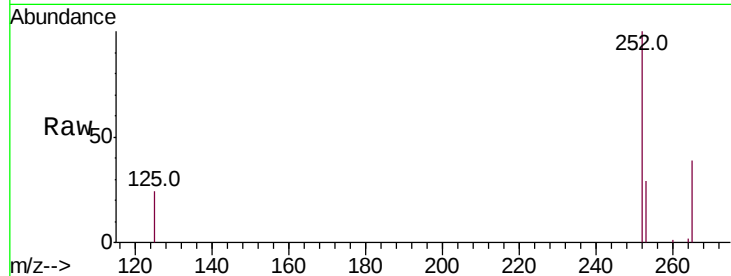
Tot Ion:252 Resp: 15811

Ion Ratio Lower Upper

252 100

253 29.1 0.0 53.4

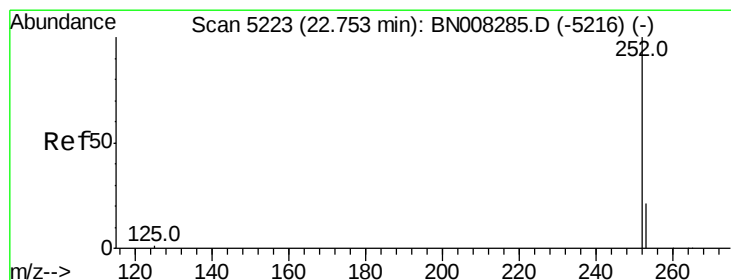
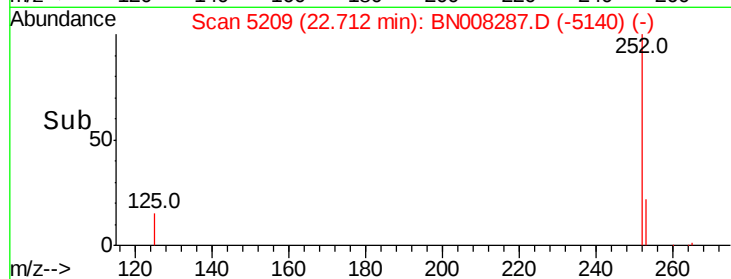
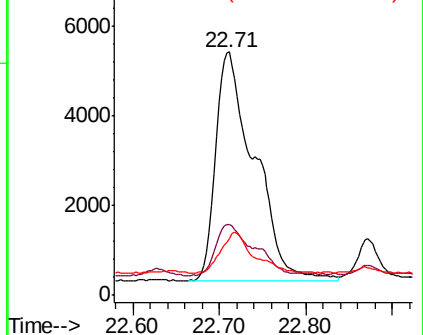
125 23.5 0.0 32.4



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: 0.467 ng/u1

RT: 22.71 min Scan# 5209

Delta R.T. -0.04 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

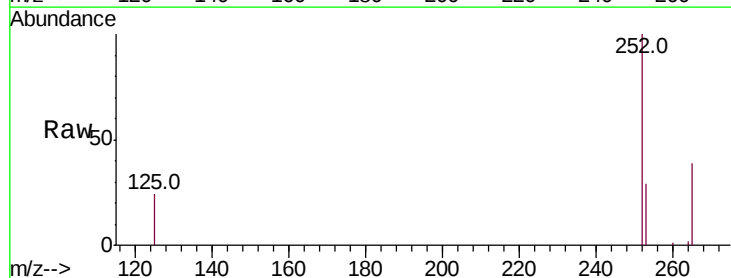
Tgt Ion:252 Resp: 15811

Ion Ratio Lower Upper

252 100

253 29.1 21.3 31.9

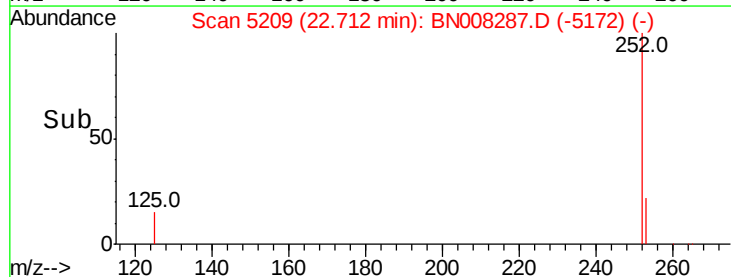
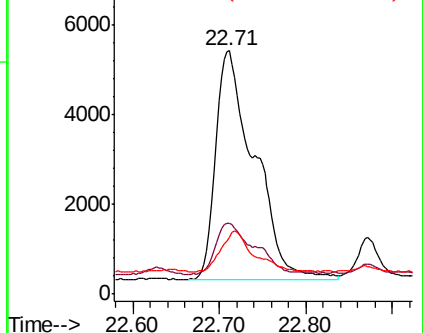
125 23.5 12.3 18.5#

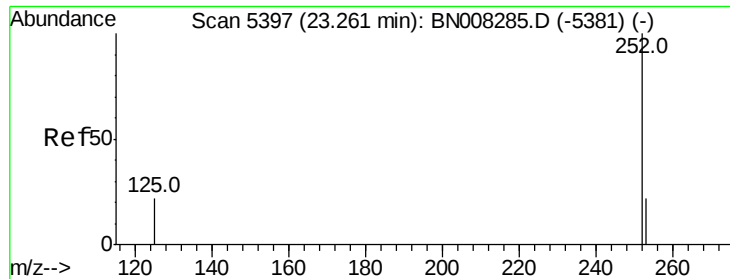


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.251 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

Instrument :

BNA_N

ClientSampleId :

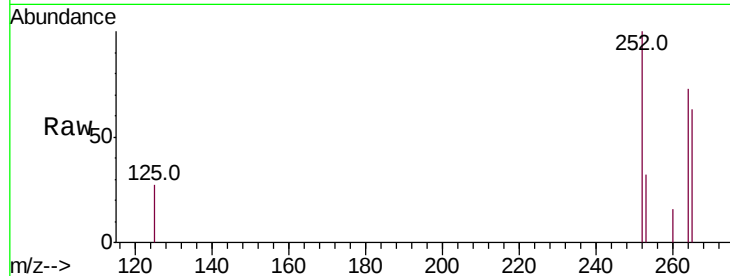
Tot Ion:252 Resp: 7889

Ion Ratio Lower Upper

252 100

253 31.5 22.8 34.2

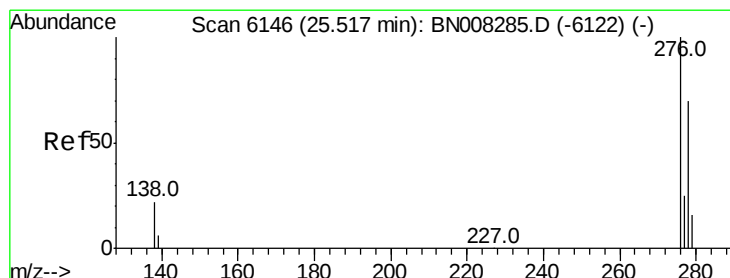
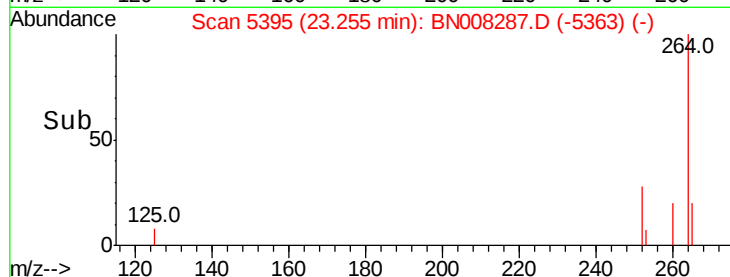
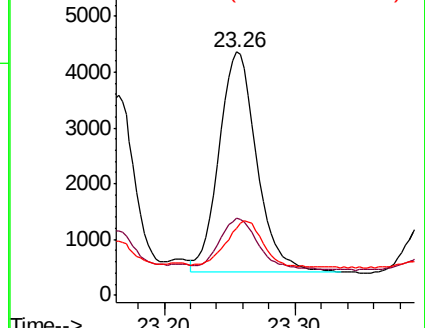
125 27.5 18.4 27.6



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: 0.123 ng/ul

RT: 25.51 min Scan# 6144

Delta R.T. 0.00 min

Lab File: BN008287.D

Acq: 21 Oct 2019 17:39

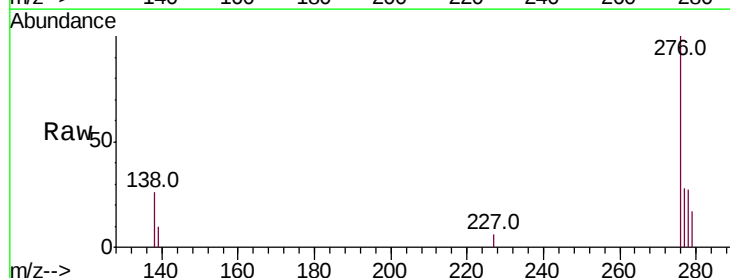
Tgt Ion:276 Resp: 4543

Ion Ratio Lower Upper

276 100

138 0.0 16.1 24.1#

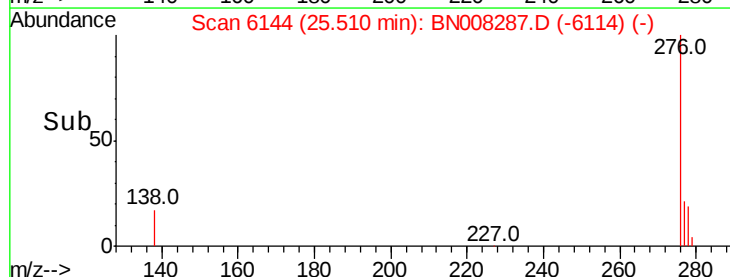
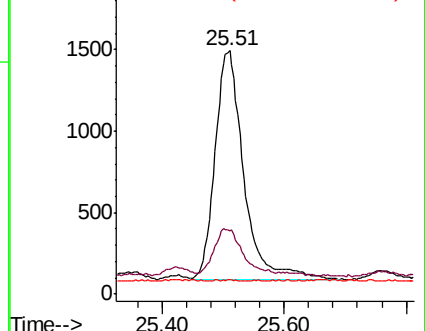
227 0.1 0.2 0.2#

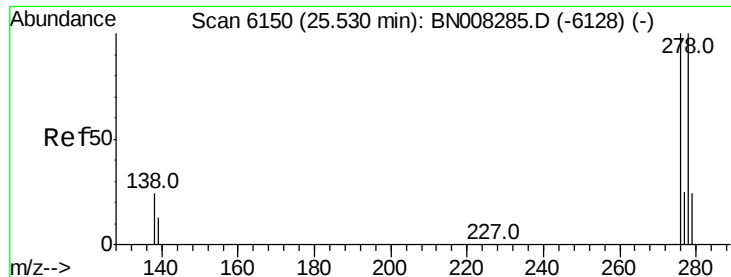


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

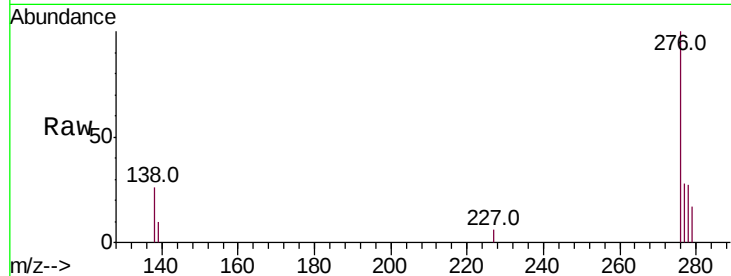




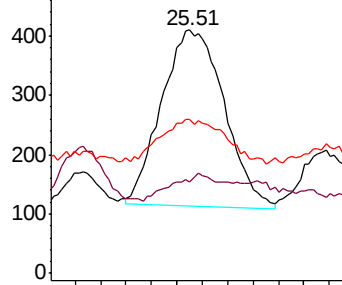
#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008287.D
Acq: 21 Oct 2019 17:39

Instrument :
BNA_N
ClientSampled :

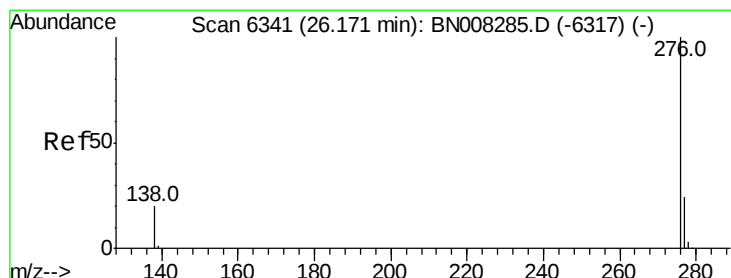
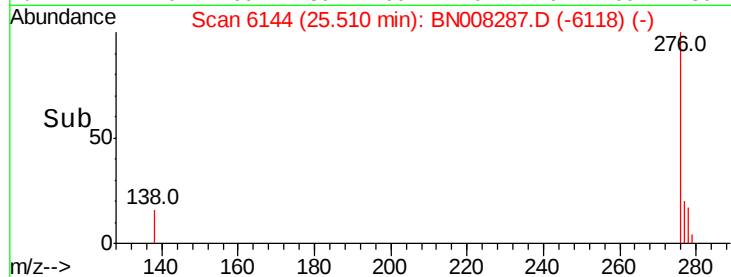
Tot Ion:278 Resp: 1022
Ion Ratio Lower Upper
278 100
139 37.8 15.0 22.6#
279 63.2 22.4 33.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

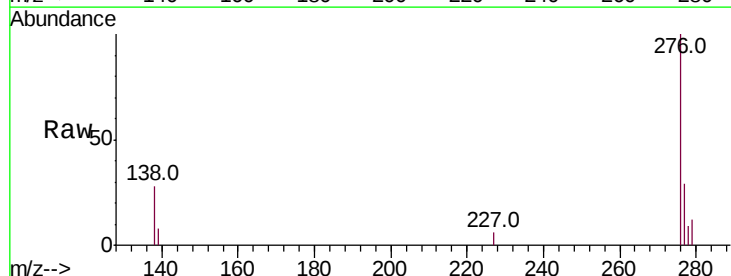


Time-->

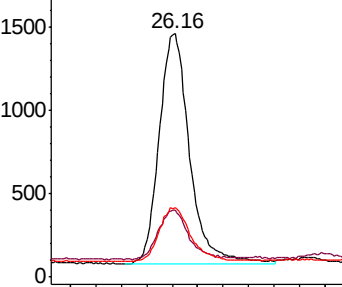


#26
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008287.D
Acq: 21 Oct 2019 17:39

Tgt Ion:276 Resp: 4605
Ion Ratio Lower Upper
276 100
138 27.6 17.0 25.4#
277 28.8 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

