

Data File : BN006199.D
Acq On : 08 Jun 2019 20:48
Operator : JU/SJ
Sample : K3016-14DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51D1DL

Quant Time: Jun 09 05:14:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16092	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8197	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16528	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13113	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16937	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	902	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1796	0.04	ng/ul	0.00

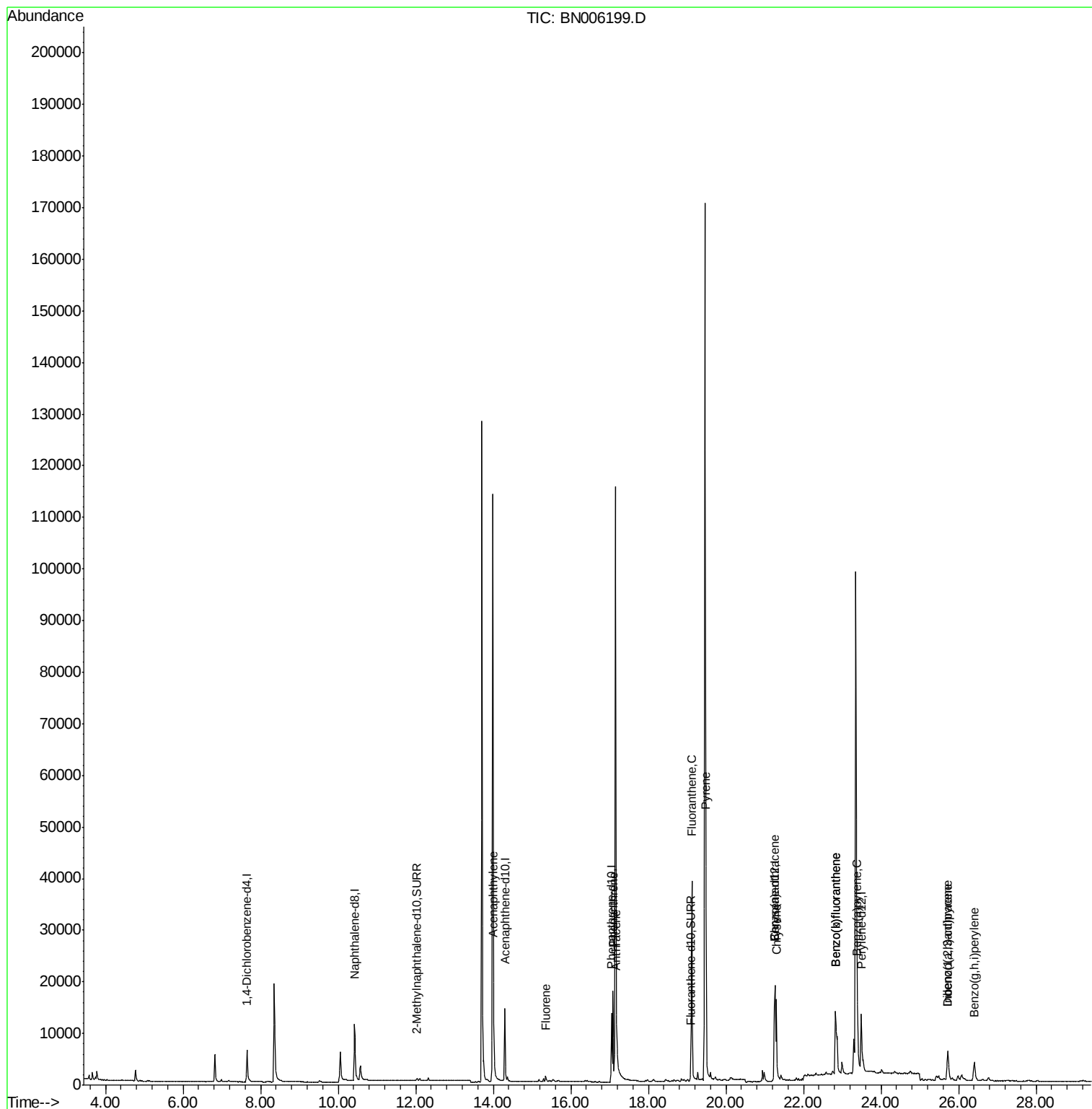
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	4429	0.097	ng/ul	96
9) Fluorene	15.35	166	960	0.026	ng/ul#	94
12) Phenanthrene	17.09	178	19287	0.364	ng/ul	99
13) Anthracene	17.18	178	4633	0.091	ng/ul#	93
15) Fluoranthene	19.12	202	35104	0.599	ng/ul	96
17) Pyrene	19.49	202	34955	0.506	ng/ul	100
18) Benzo(a)anthracene	21.25	228	14737	0.254	ng/ul	97
19) Chrysene	21.30	228	15912	0.292	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	29632	0.420	ng/ul	100
22) Benzo(k)fluoranthene	22.82	252	29632	0.431	ng/ul	97
23) Benzo(a)pyrene	23.39	252	13144	0.200	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.72	276	9539	0.134	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.72	278	2429	0.043	ng/ul#	77
26) Benzo(g,h,i)perylene	26.40	276	7662	0.128	ng/ul	100

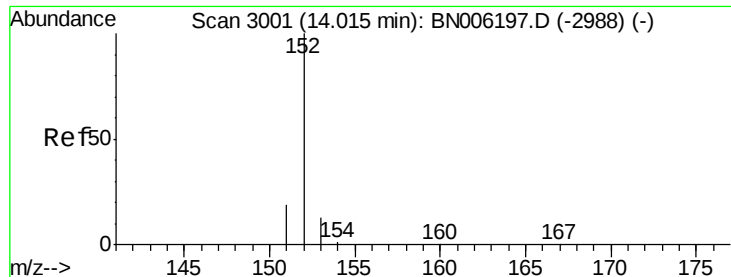
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN006199.D
Acq On : 08 Jun 2019 20:48
Operator : JU/SJ
Sample : K3016-14DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51D1DL

Quant Time: Jun 09 05:14:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

Instrument :

BNA_N

ClientSampleId :

A51D1DL

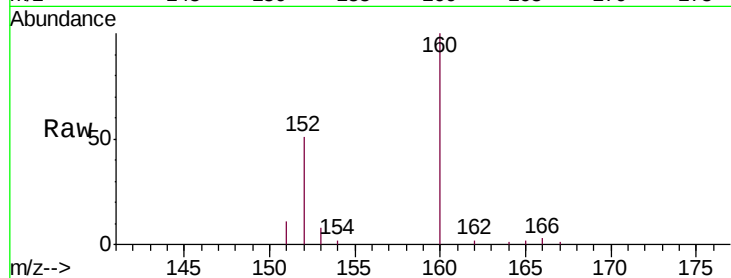
Tgt Ion:152 Resp: 4429

Ion Ratio Lower Upper

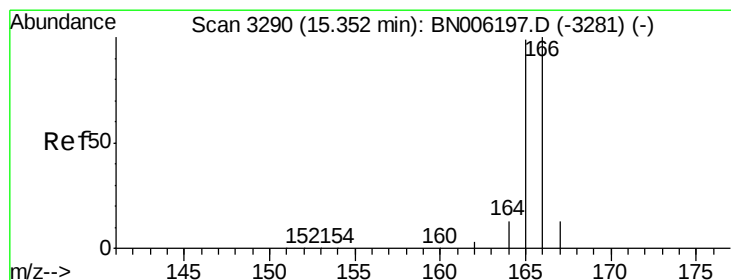
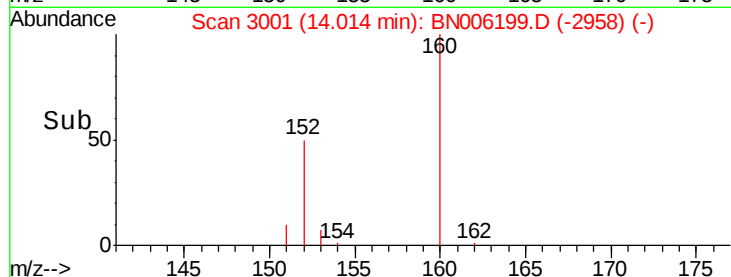
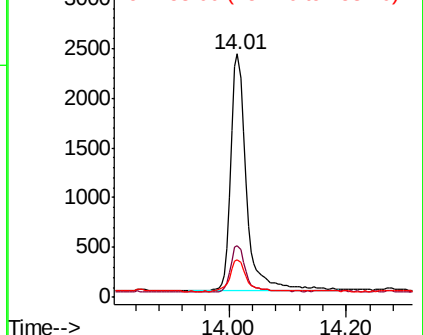
152 100

151 21.2 15.8 23.8

153 15.6 10.8 16.2



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



#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

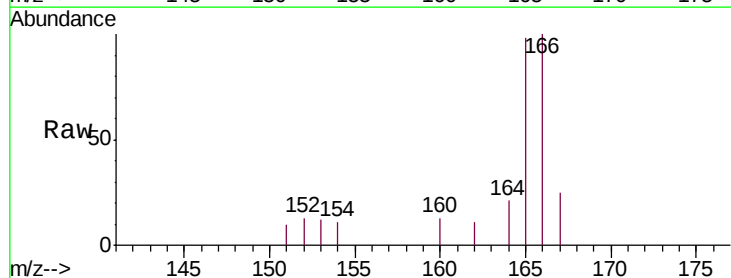
Tgt Ion:166 Resp: 960

Ion Ratio Lower Upper

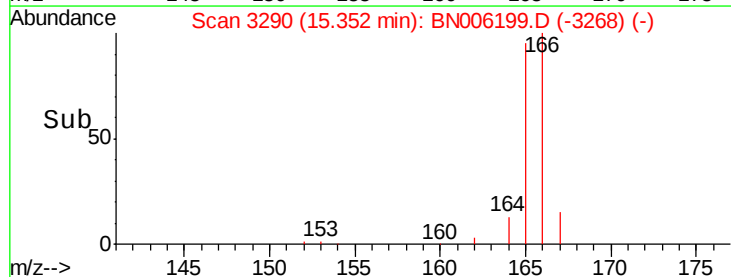
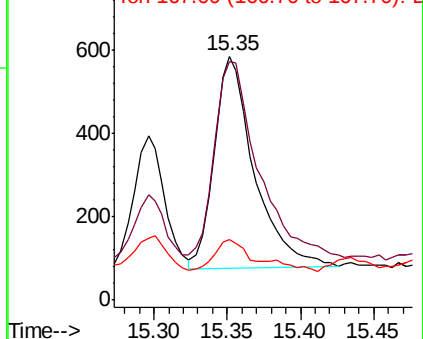
166 100

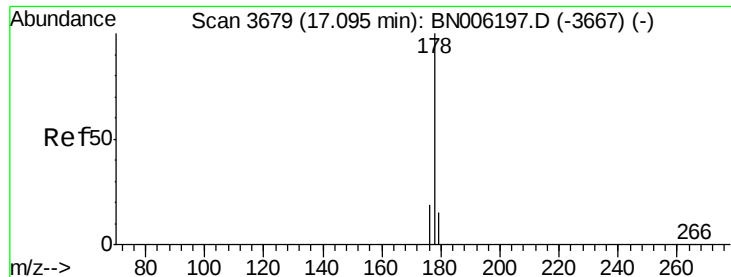
165 98.1 76.4 114.6

167 24.9 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.364 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

Instrument :

BNA_N

ClientSampleId :

A51D1DL

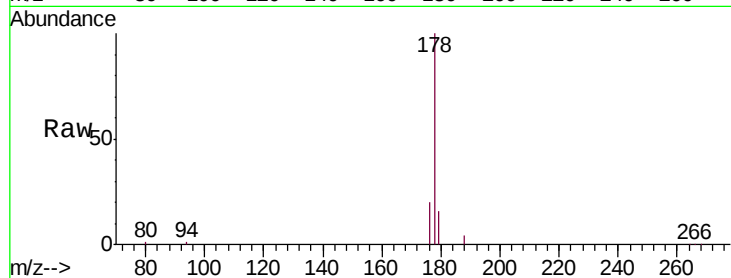
Tgt Ion:178 Resp: 19287

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

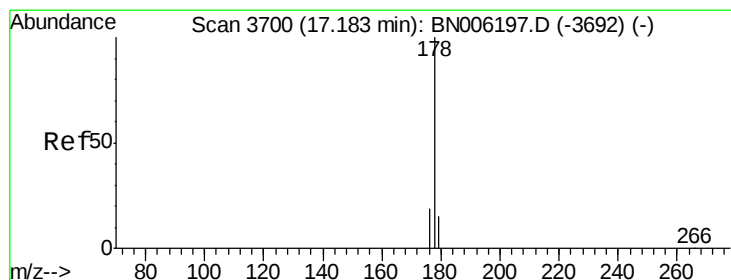
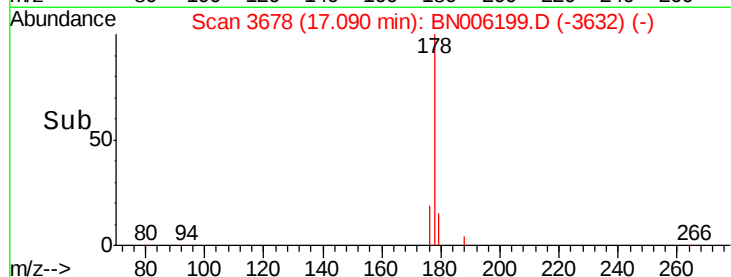
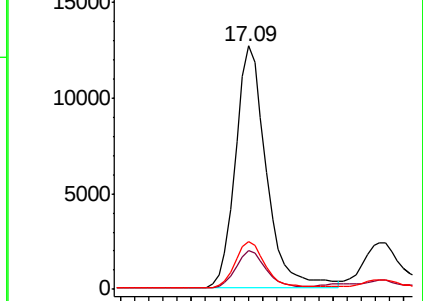
176 19.5 15.3 22.9



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: 0.091 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

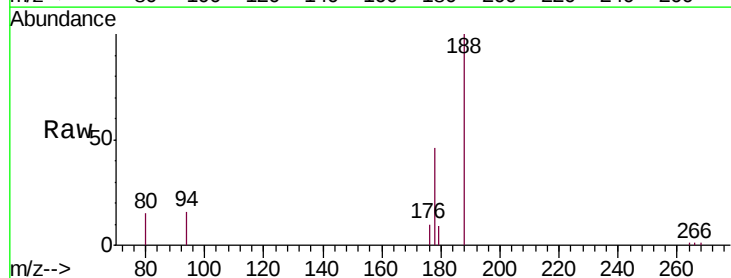
Tgt Ion:178 Resp: 4633

Ion Ratio Lower Upper

178 100

179 19.3 12.2 18.4#

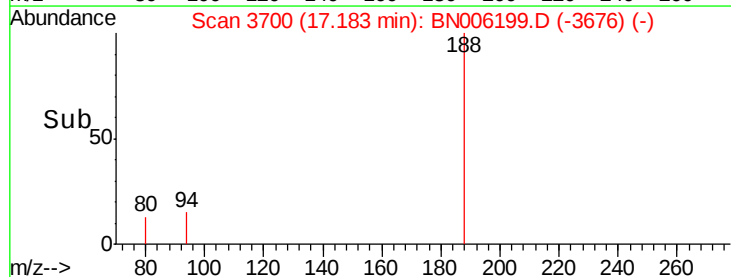
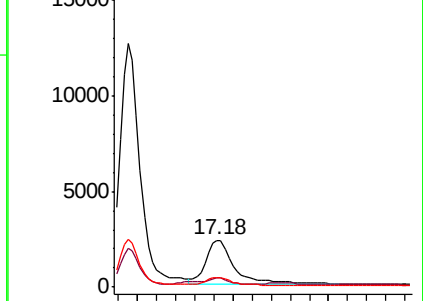
176 21.2 15.1 22.7

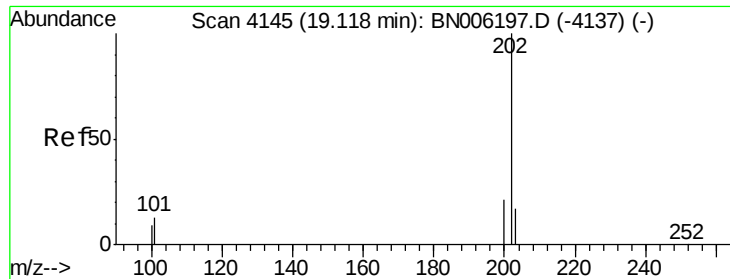


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

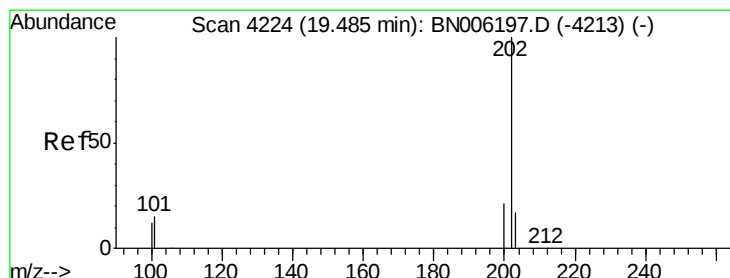
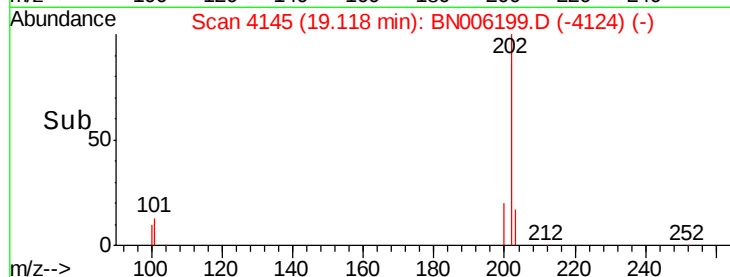
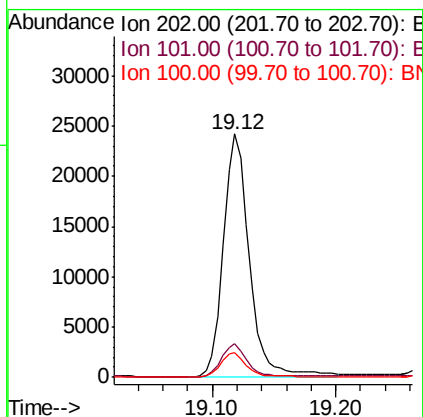
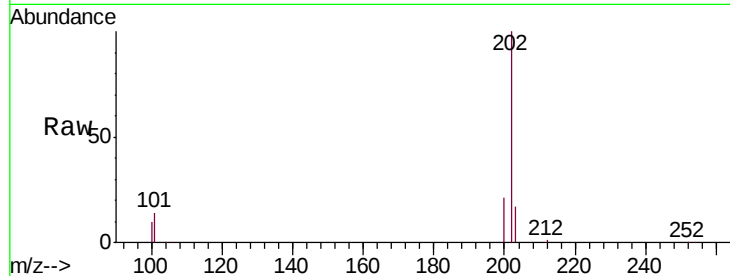




#15
Fluoranthene
Concen: 0.599 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006199.D
Acq: 08 Jun 2019 20:48

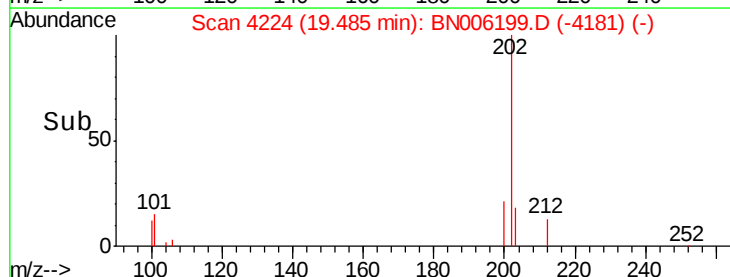
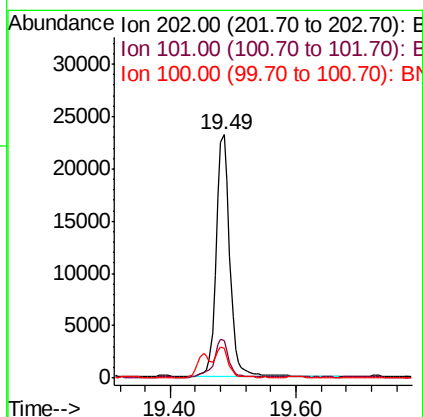
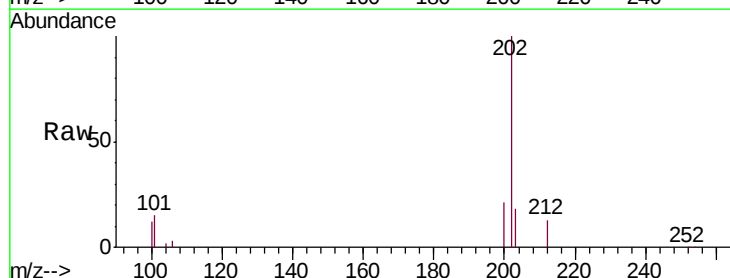
Instrument :
BNA_N
ClientSampleId :
A51D1DL

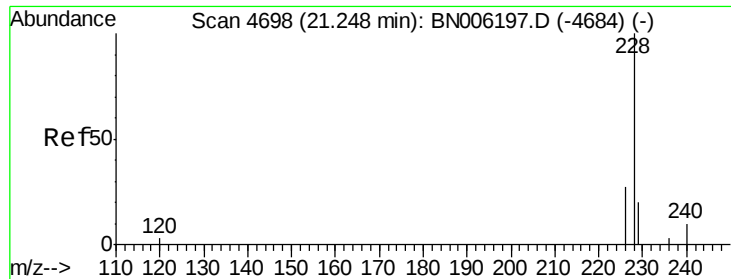
Tgt Ion:202 Resp: 35104
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.1
100 9.9 0.0 28.7



#17
Pyrene
Concen: 0.506 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006199.D
Acq: 08 Jun 2019 20:48

Tgt Ion:202 Resp: 34955
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.2
100 12.2 9.8 14.6





#18

Benzo(a)anthracene

Concen: 0.254 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

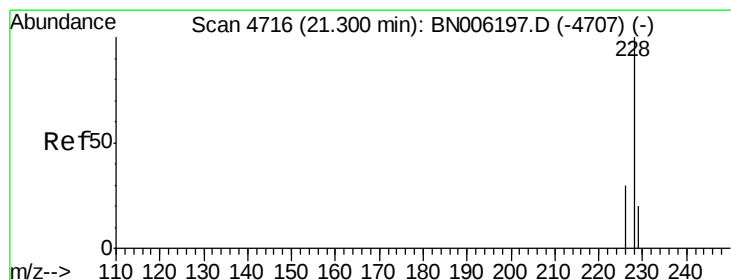
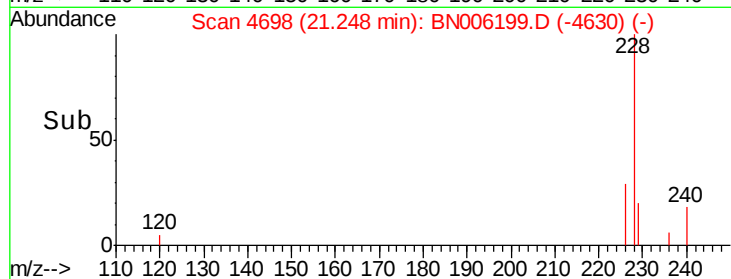
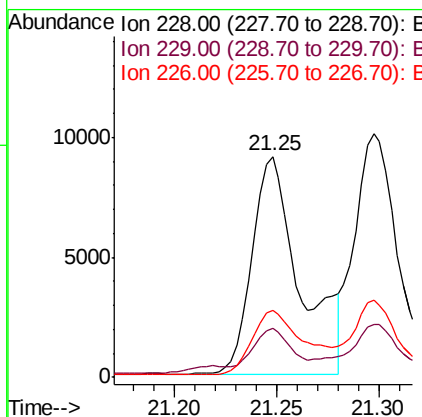
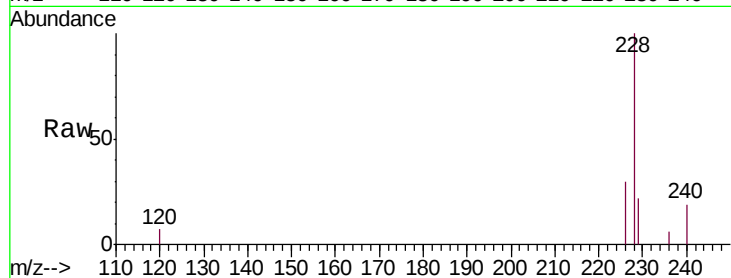
Instrument :

BNA_N

ClientSampleId :

A51D1DL

Tgt Ion:	228	Resp:	14737
Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.5	24.7
226	30.2	22.8	34.2



#19

Chrysene

Concen: 0.292 ng/ul

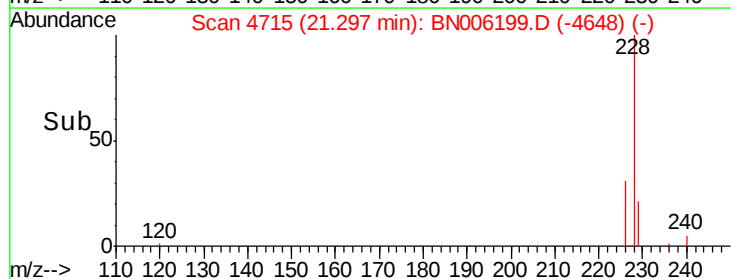
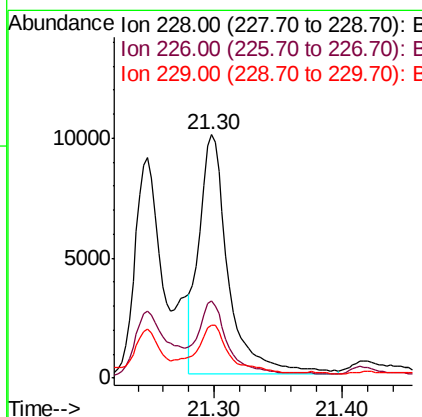
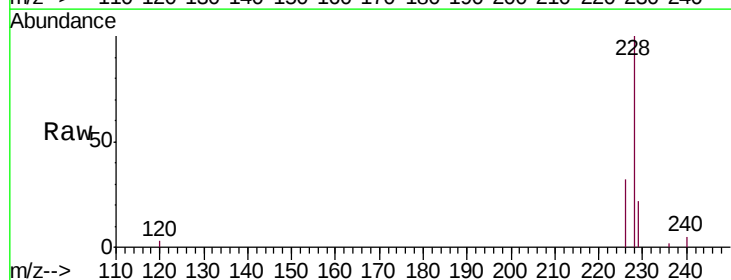
RT: 21.30 min Scan# 4715

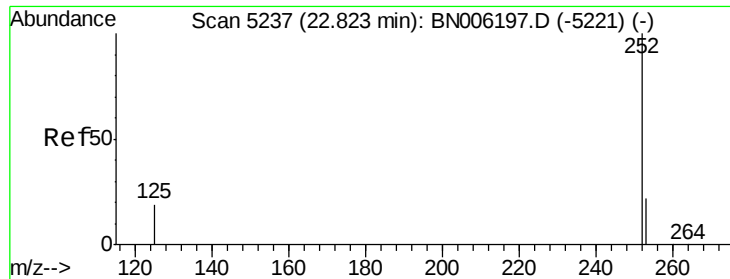
Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

Tgt Ion:	228	Resp:	15912
Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.7	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.420 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

Instrument :

BNA_N

ClientSampleId :

A51D1DL

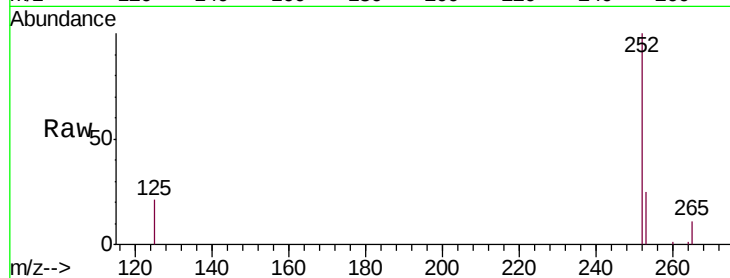
Tgt Ion:252 Resp: 29632

Ion Ratio Lower Upper

252 100

253 25.5 0.0 51.4

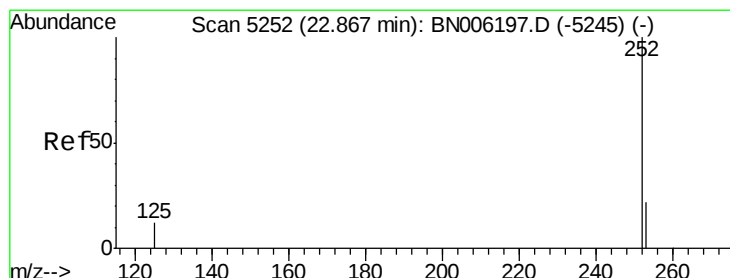
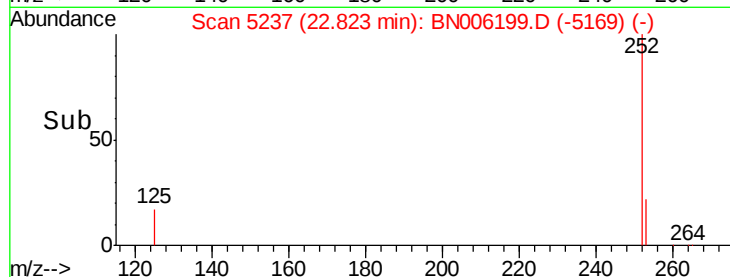
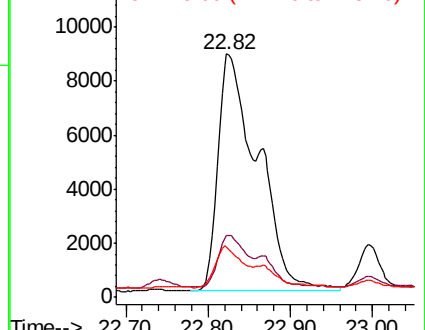
125 20.7 0.0 41.0



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: 0.431 ng/ul

RT: 22.82 min Scan# 5237

Delta R.T. -0.04 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

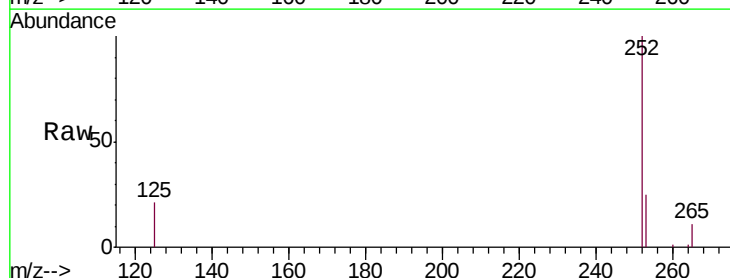
Tgt Ion:252 Resp: 29632

Ion Ratio Lower Upper

252 100

253 25.5 20.3 30.5

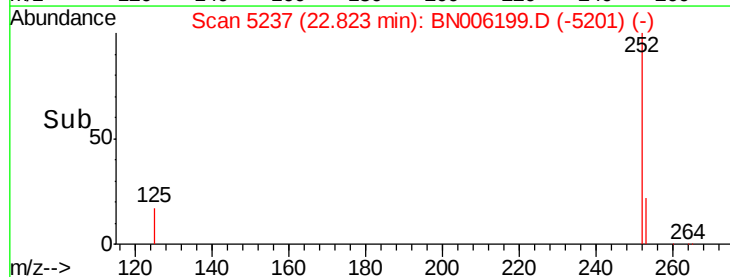
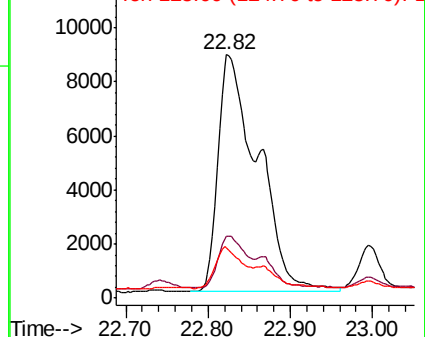
125 20.7 14.3 21.5

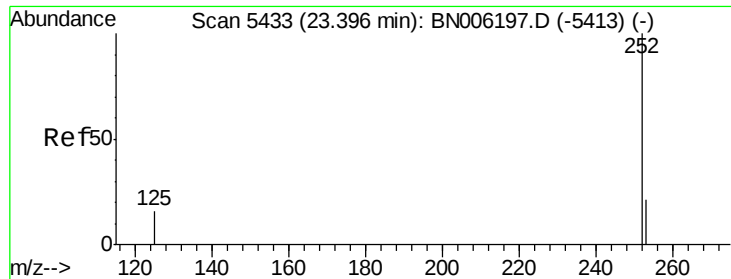


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.200 ng/ul

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

Instrument :

BNA_N

ClientSampleId :

A51D1DL

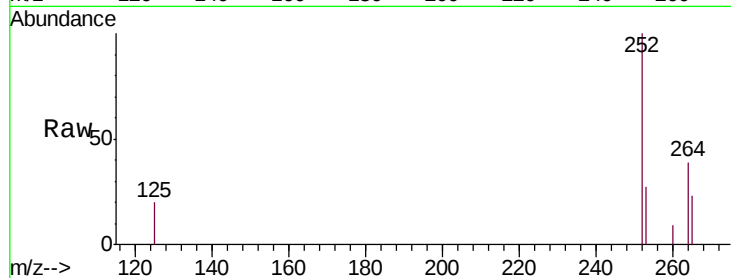
Tgt Ion:252 Resp: 13144

Ion Ratio Lower Upper

252 100

253 26.8 21.1 31.7

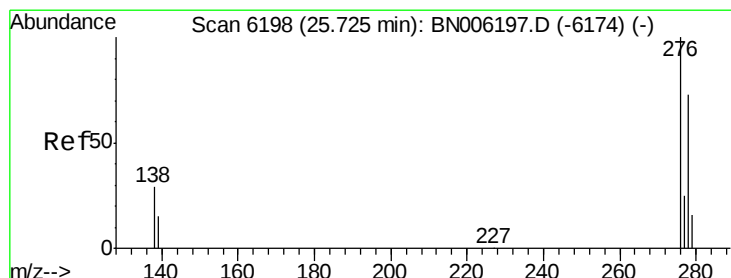
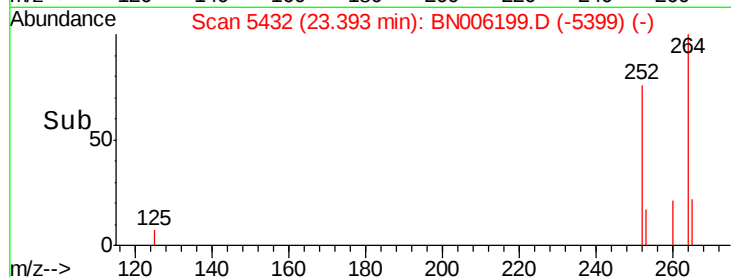
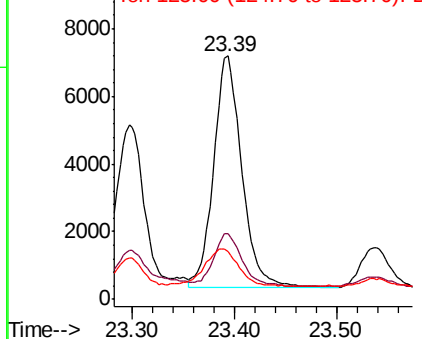
125 19.6 20.3 30.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.134 ng/ul

RT: 25.72 min Scan# 6196

Delta R.T. -0.01 min

Lab File: BN006199.D

Acq: 08 Jun 2019 20:48

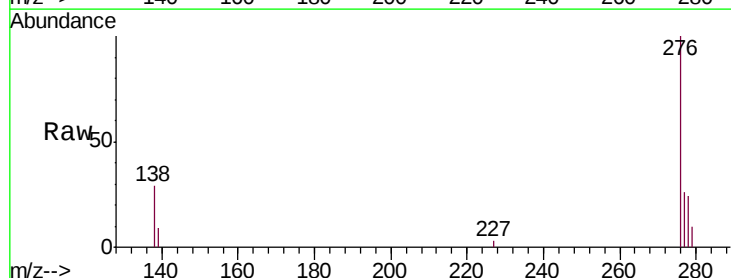
Tgt Ion:276 Resp: 9539

Ion Ratio Lower Upper

276 100

138 24.6 25.6 38.4#

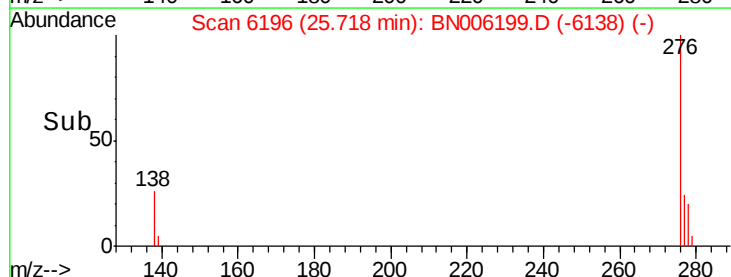
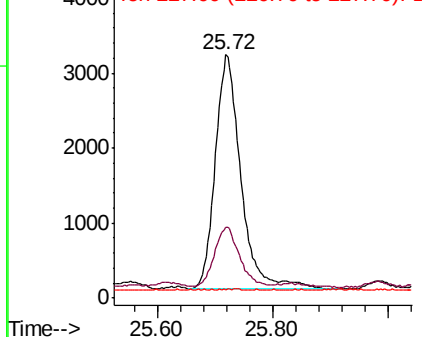
227 0.1 0.3 0.5#

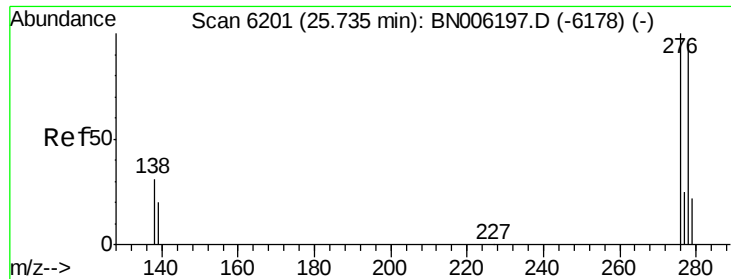


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

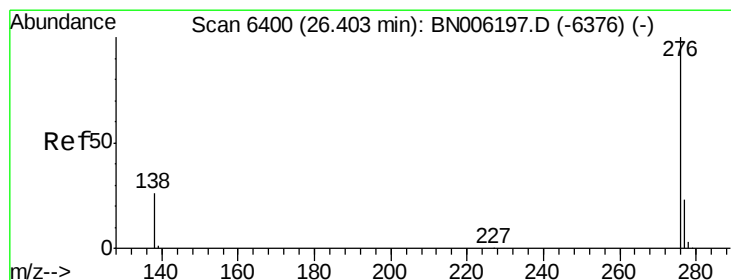
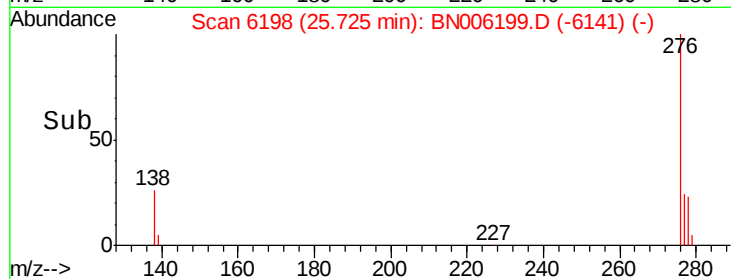
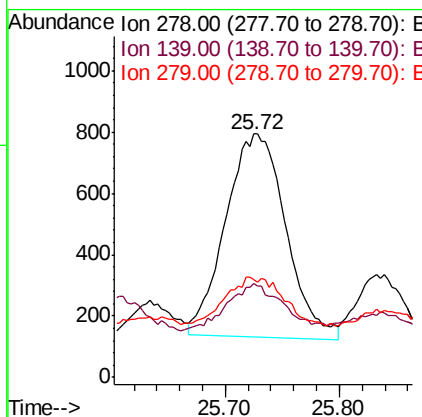
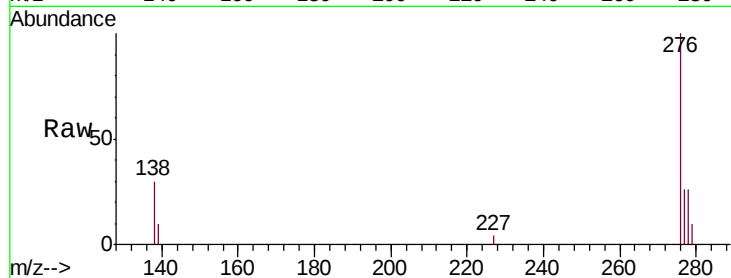




#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/u1
RT: 25.72 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006199.D
Acq: 08 Jun 2019 20:48

Instrument :
BNA_N
ClientSampleId :
A51D1DL

Tgt Ion: 278 Resp: 2429
Ion Ratio Lower Upper
278 100
139 38.3 21.2 31.8#
279 39.9 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.128 ng/u1
RT: 26.40 min Scan# 6400
Delta R.T. -0.00 min
Lab File: BN006199.D
Acq: 08 Jun 2019 20:48

Tgt Ion: 276 Resp: 7662
Ion Ratio Lower Upper
276 100
138 30.4 24.2 36.4
277 27.0 21.5 32.3

