

Data File : BN003400.D
Acq On : 02 Nov 2018 11:54
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K4MSD

Quant Time: Nov 02 23:16:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8365	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	35013	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	20580	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	50110	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	50323	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	42869	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	12790	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	34615	0.25	ng/ul	0.00

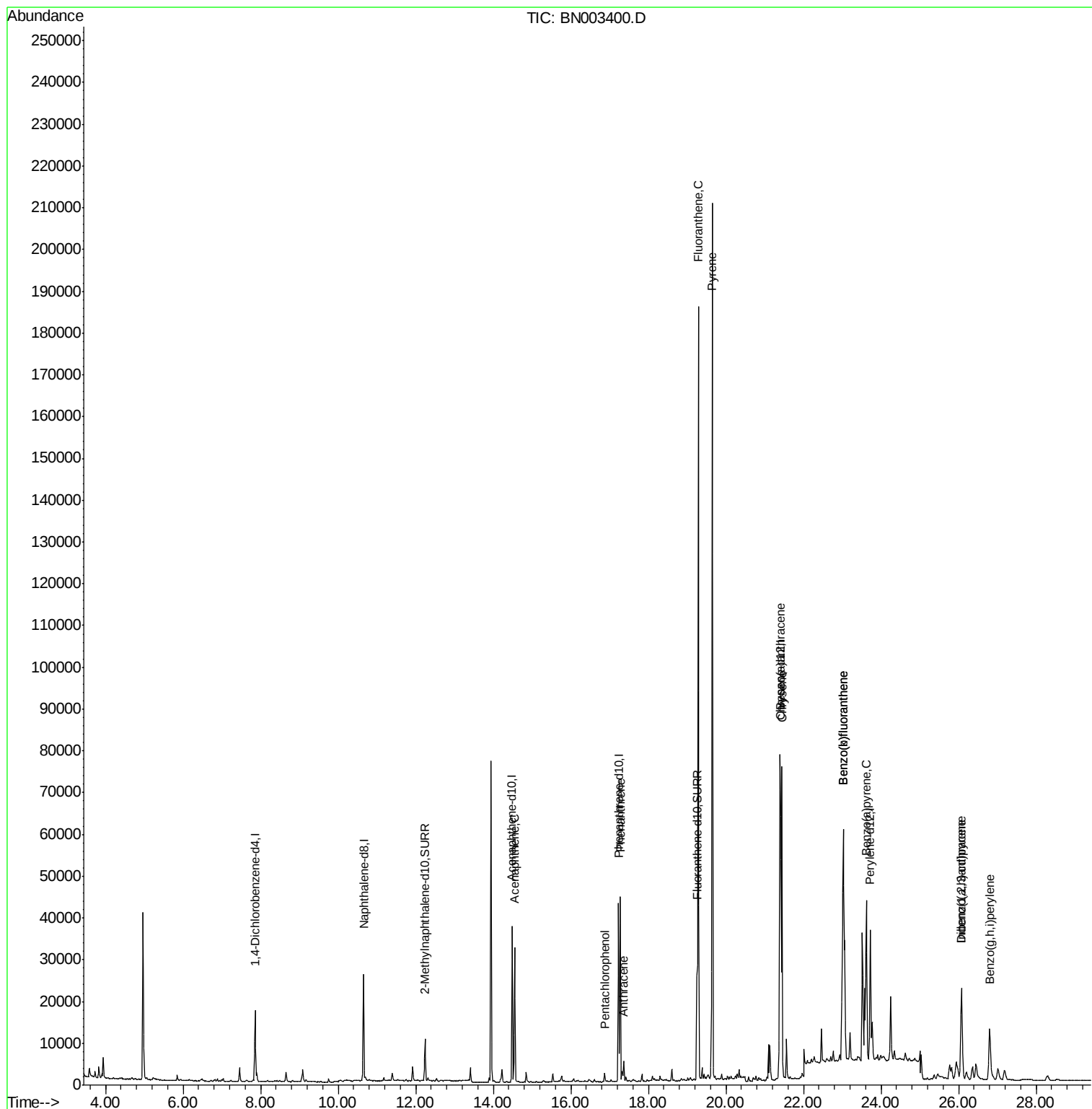
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	18300	0.229	ng/ul	99
11) Pentachlorophenol	16.87	266	1401	0.140	ng/ul	99
12) Phenanthrene	17.27	178	44659	0.272	ng/ul	99
13) Anthracene	17.36	178	5052	0.038	ng/ul#	95
15) Fluoranthene	19.29	202	151653	0.821	ng/ul	99
17) Pyrene	19.65	202	172971	0.945	ng/ul	98
18) Benzo(a)anthracene	21.39	228	57613	0.365	ng/ul	98
19) Chrysene	21.45	228	71176	0.397	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	125034	0.677	ng/ul	96
22) Benzo(k)fluoranthene	23.02	252	125261	0.700	ng/ul#	96
23) Benzo(a)pyrene	23.62	252	55926	0.363	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	36004	0.218	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.08	278	9165	0.068	ng/ul#	75
26) Benzo(g,h,i)perylene	26.80	276	27256	0.192	ng/ul	97

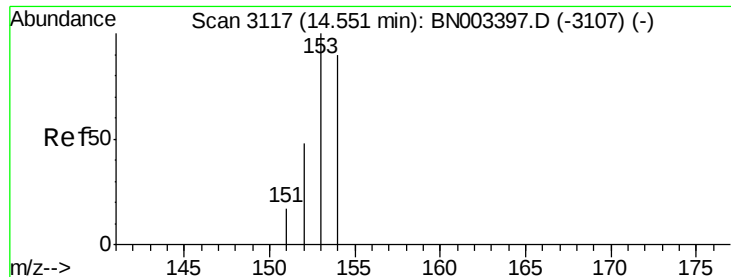
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.229 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

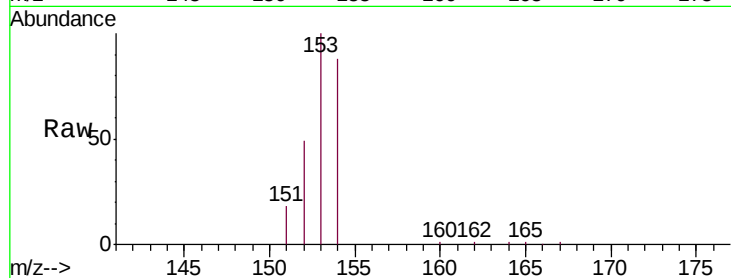
Tgt Ion:153 Resp: 18300

Ion Ratio Lower Upper

153 100

152 48.9 39.5 59.3

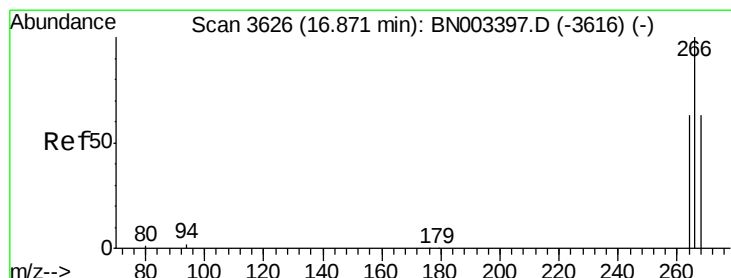
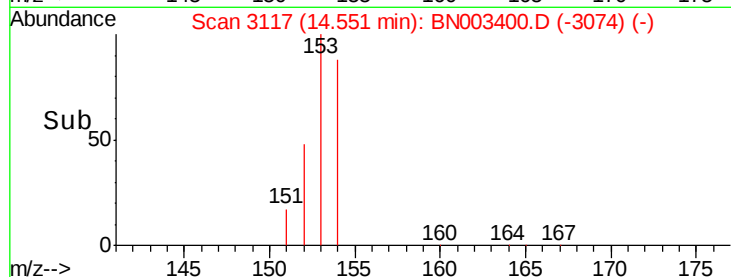
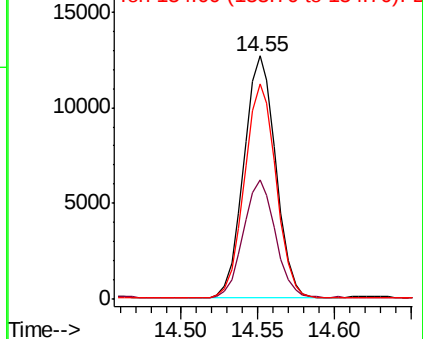
154 88.4 70.3 105.5



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



#11

Pentachlorophenol

Concen: 0.140 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

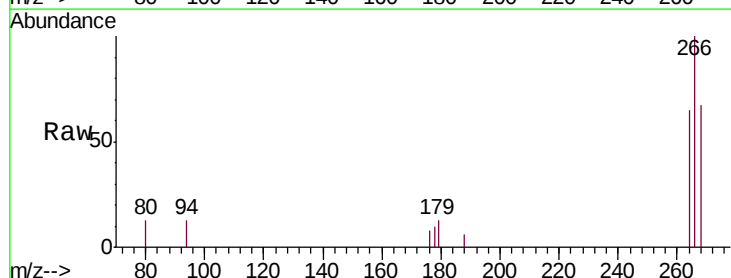
Tgt Ion:266 Resp: 1401

Ion Ratio Lower Upper

266 100

264 61.6 50.2 75.4

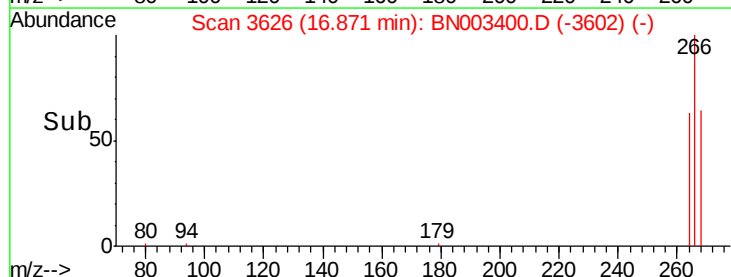
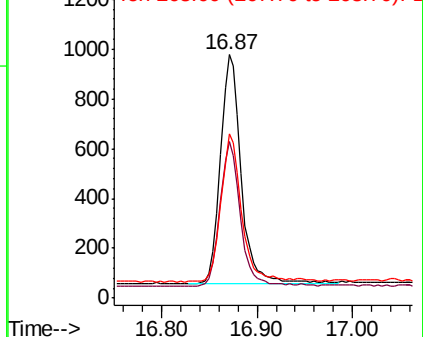
268 63.2 50.7 76.1

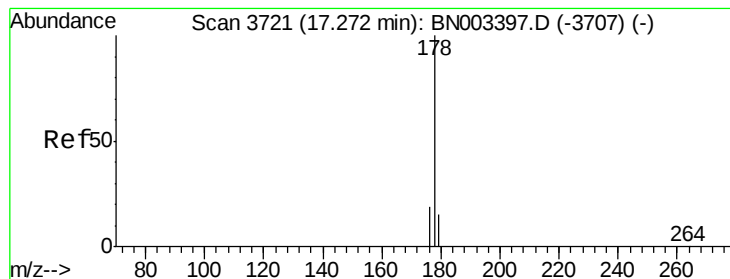


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.272 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

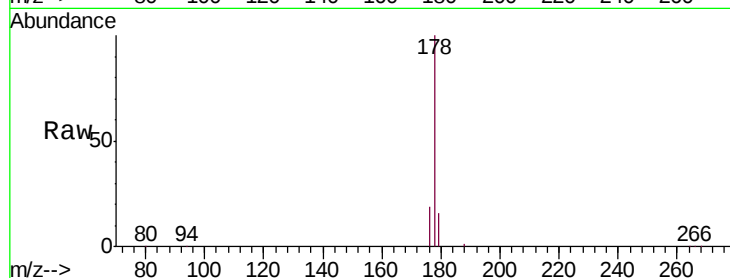
Tgt Ion:178 Resp: 44659

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

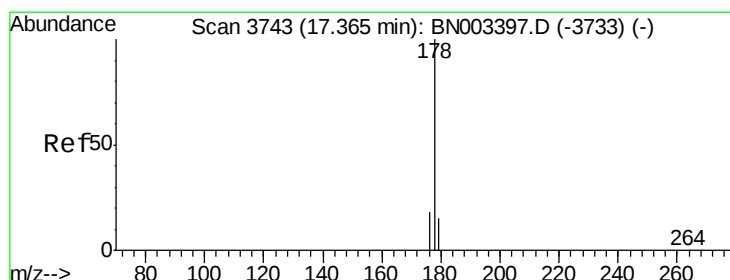
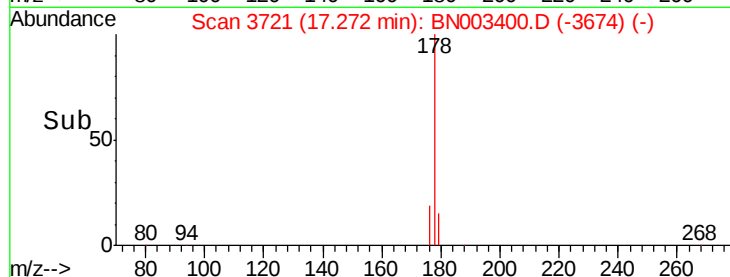
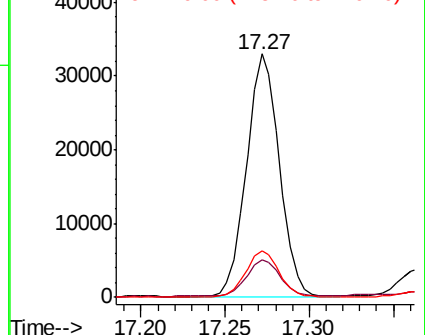
176 19.1 15.0 22.4



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: 0.038 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

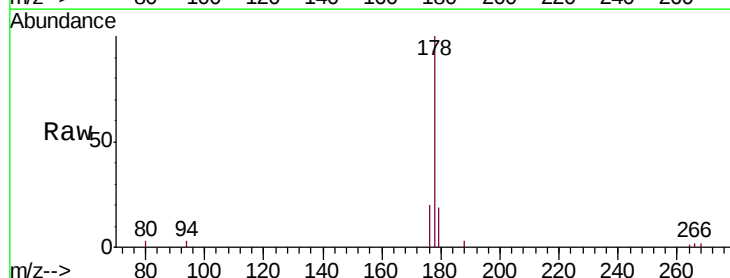
Tgt Ion:178 Resp: 5052

Ion Ratio Lower Upper

178 100

179 18.8 12.2 18.2#

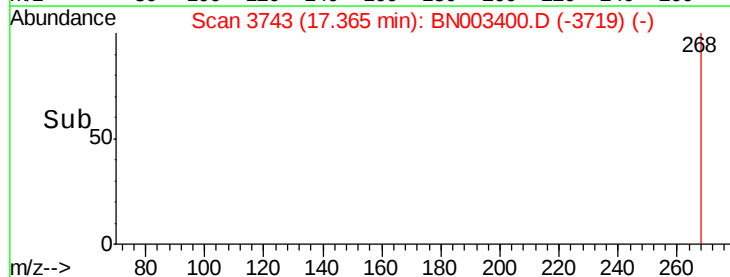
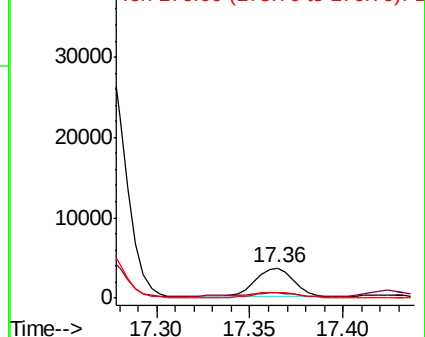
176 19.7 14.7 22.1

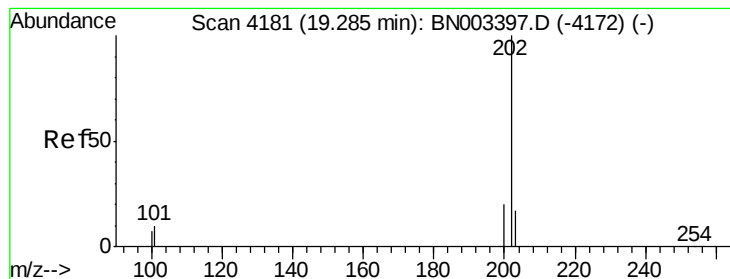


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.821 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

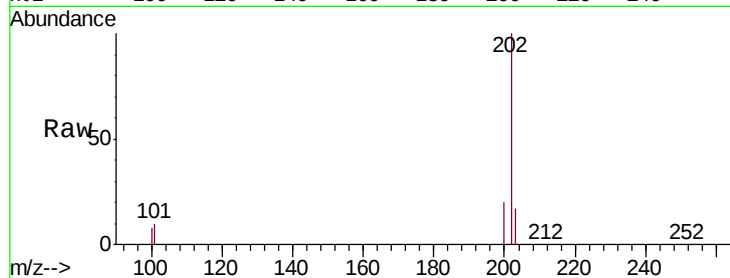
Tgt Ion:202 Resp: 151653

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

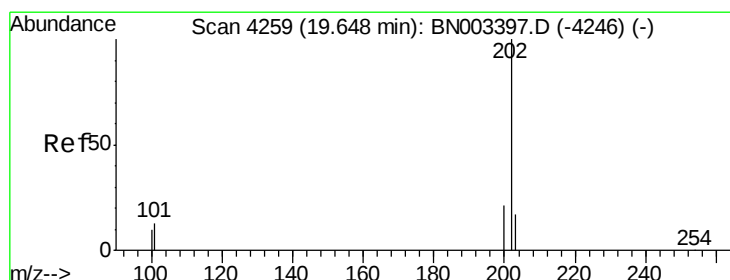
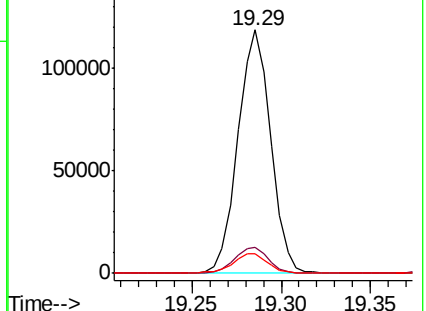
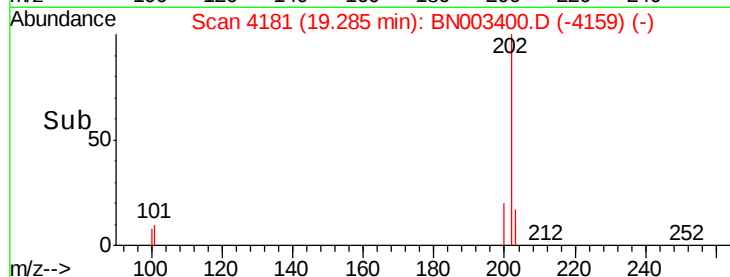
100 7.8 0.0 28.0



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: 0.945 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

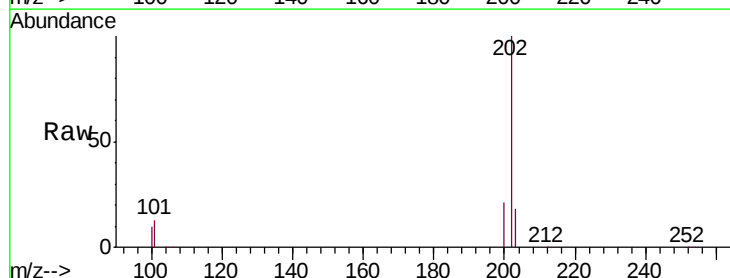
Tgt Ion:202 Resp: 172971

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

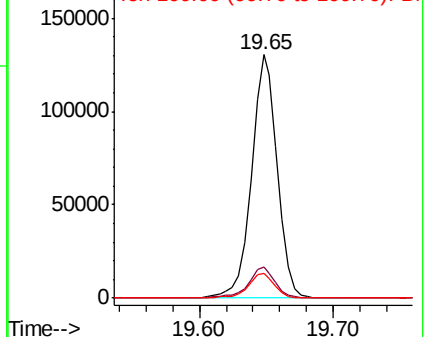
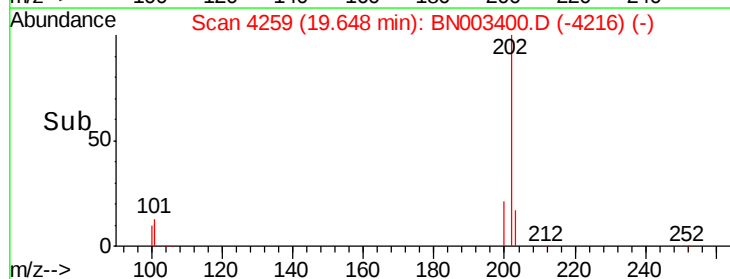
100 10.1 7.5 11.3

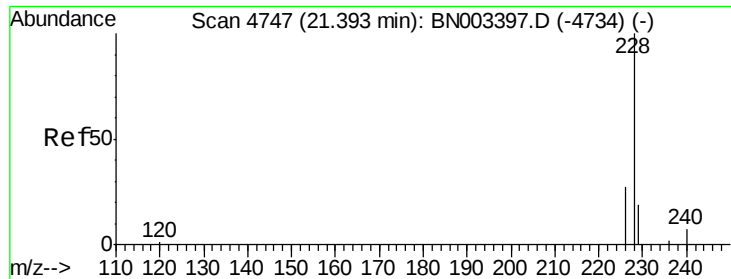


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.365 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

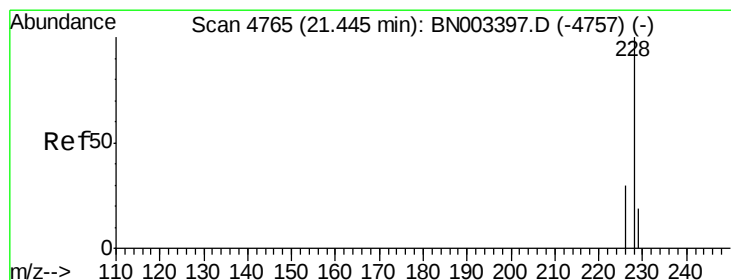
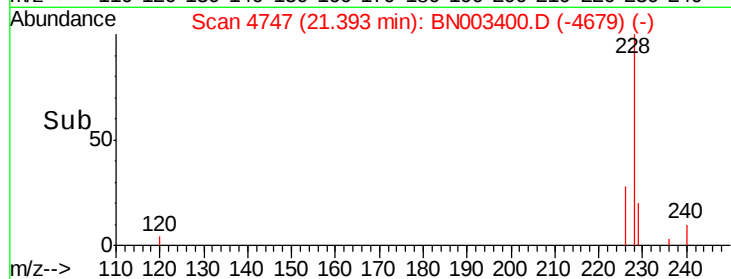
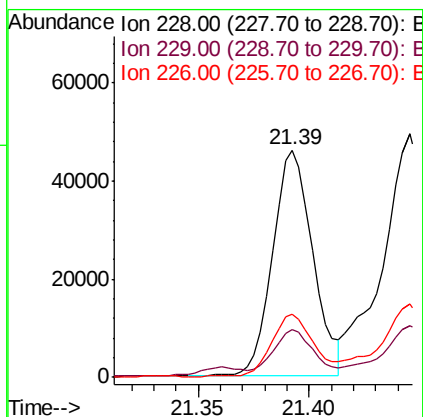
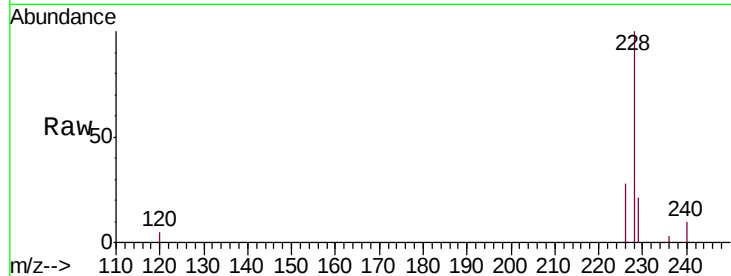
Tgt Ion:228 Resp: 57613

Ion Ratio Lower Upper

228 100

229 20.8 15.5 23.3

226 27.8 21.5 32.3



#19

Chrysene

Concen: 0.397 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

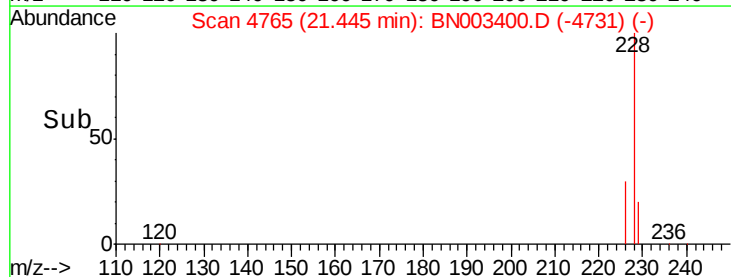
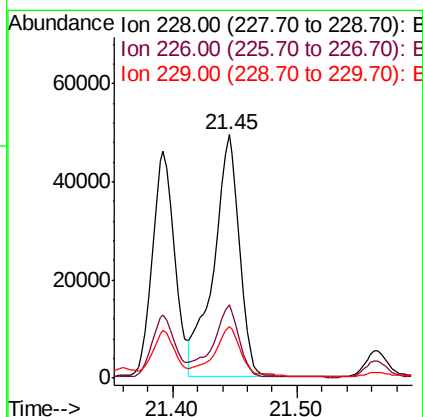
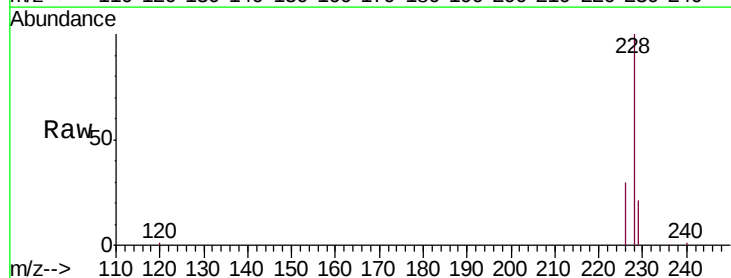
Tgt Ion:228 Resp: 71176

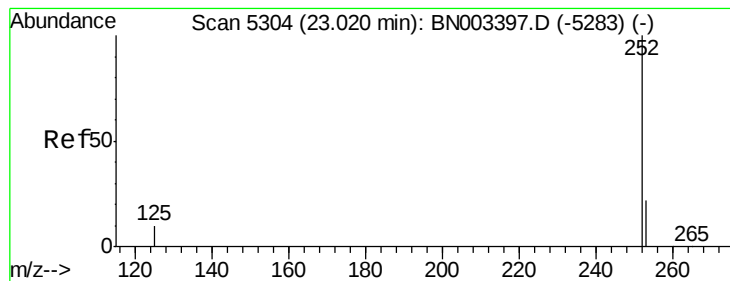
Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 21.4 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.677 ng/u1

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

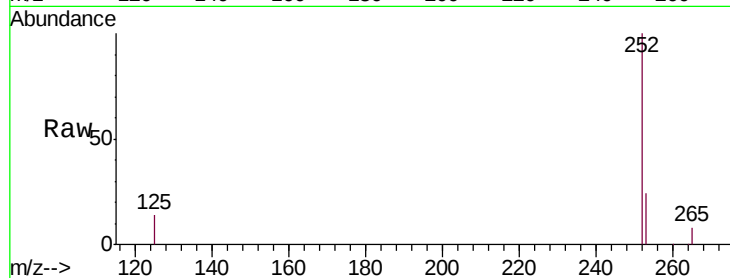
Tgt Ion:252 Resp: 125034

Ion Ratio Lower Upper

252 100

253 24.2 0.0 45.6

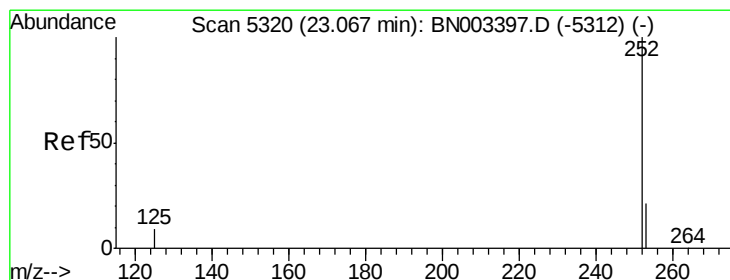
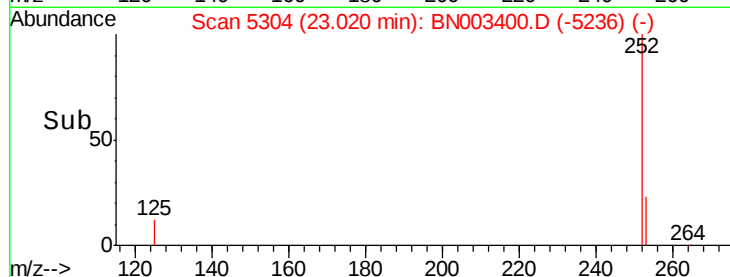
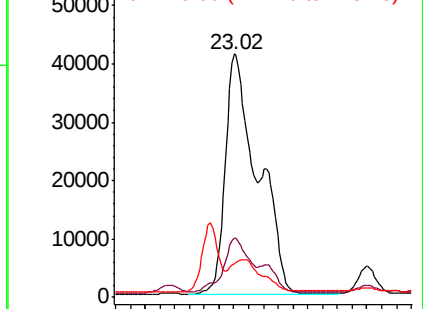
125 13.8 0.0 21.8



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



#22

Benzo(k)fluoranthene

Concen: 0.700 ng/u1

RT: 23.02 min Scan# 5304

Delta R.T. -0.05 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

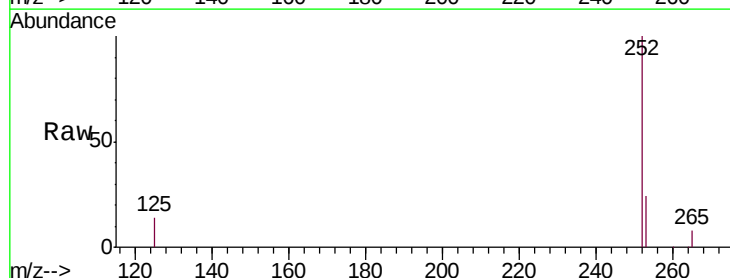
Tgt Ion:252 Resp: 125261

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

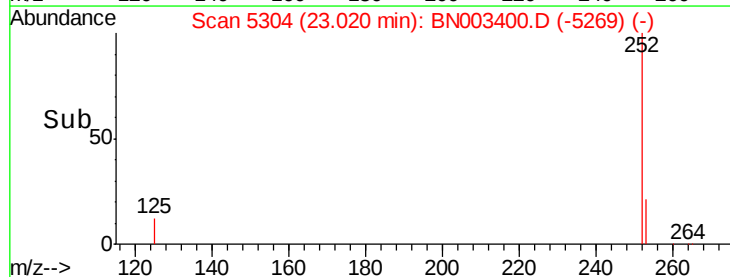
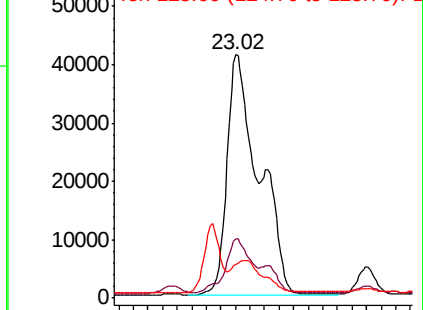
125 13.8 8.6 13.0#

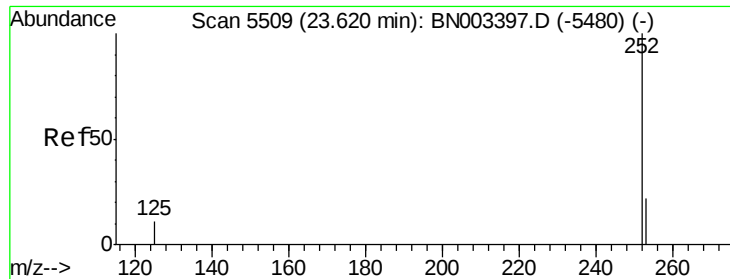


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.363 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

Instrument :

BNA_N

ClientSampleId :

A40K4MSD

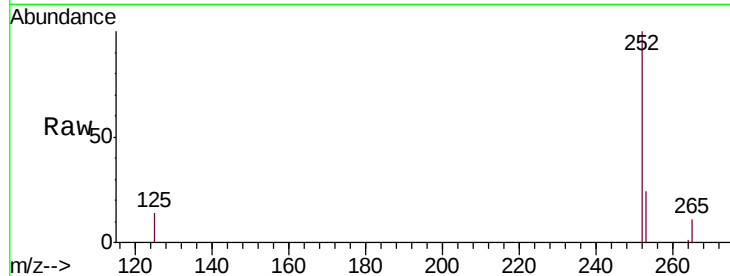
Tgt Ion:252 Resp: 55926

Ion Ratio Lower Upper

252 100

253 24.4 18.5 27.7

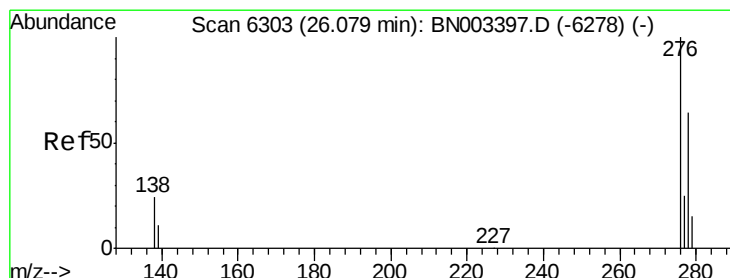
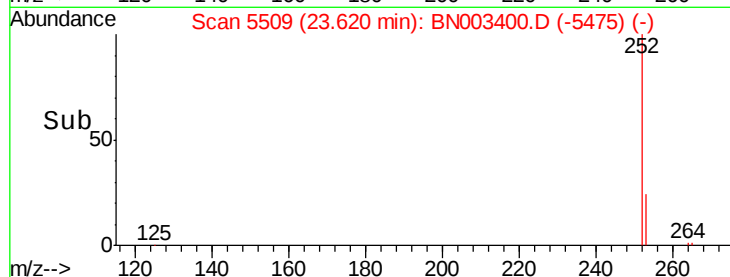
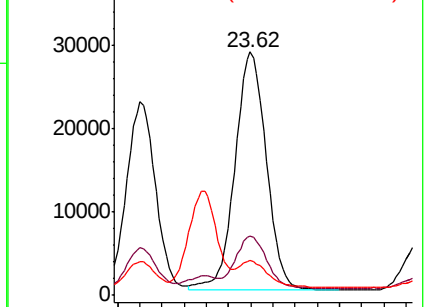
125 14.2 9.9 14.9



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: 0.218 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.00 min

Lab File: BN003400.D

Acq: 02 Nov 2018 11:54

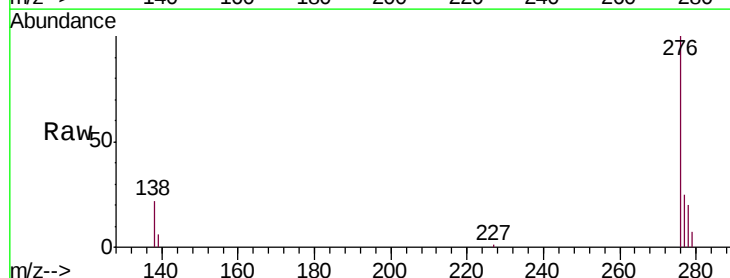
Tgt Ion:276 Resp: 36004

Ion Ratio Lower Upper

276 100

138 22.2 19.8 29.8

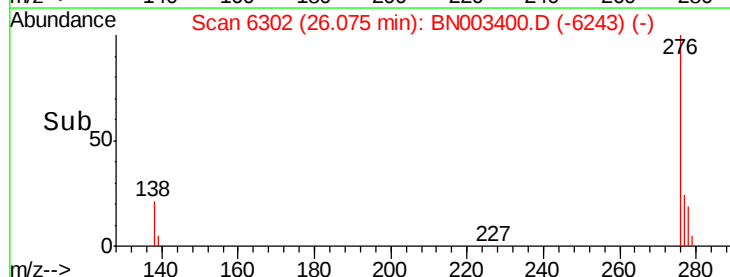
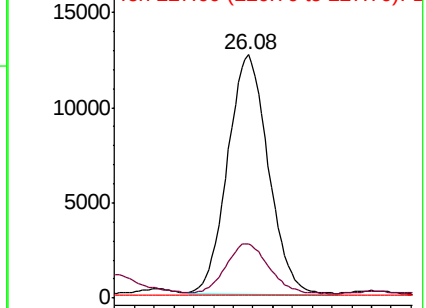
227 0.0 0.2 0.2#

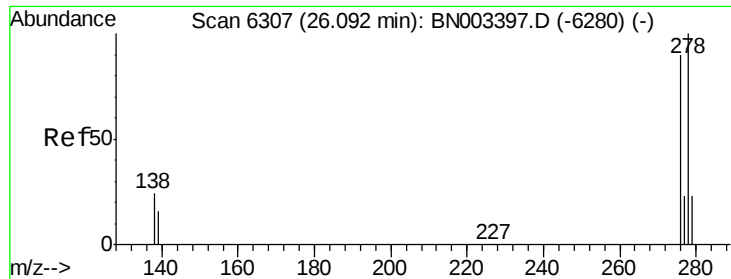


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

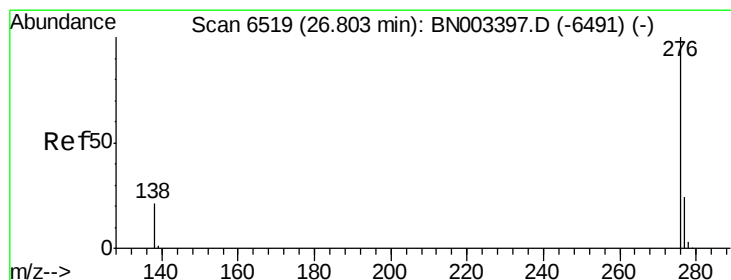
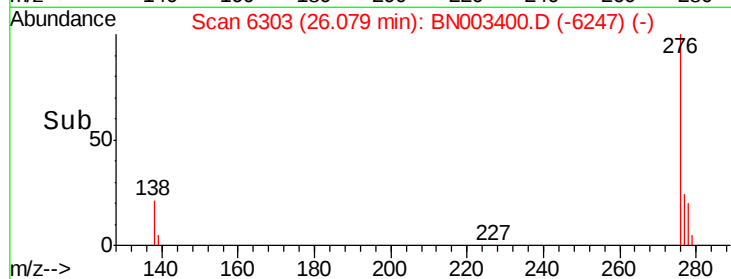
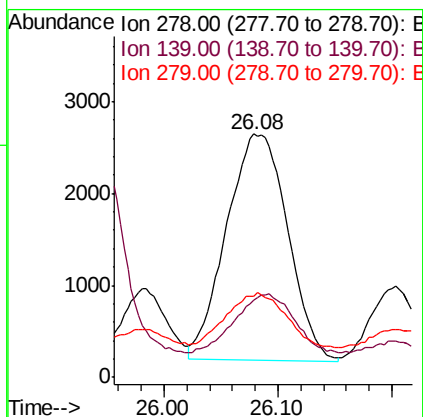
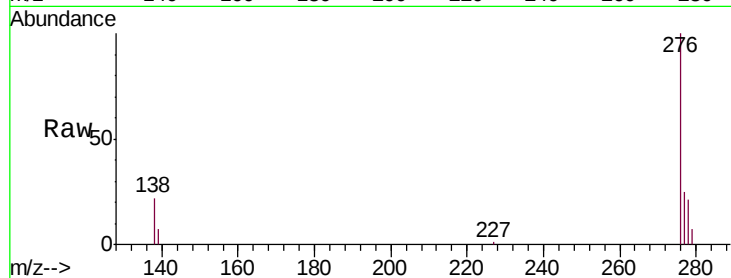




#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN003400.D
Acq: 02 Nov 2018 11:54

Instrument :
BNA_N
ClientSampleId :
A40K4MSD

Tgt Ion: 278 Resp: 9165
Ion Ratio Lower Upper
278 100
139 31.9 13.1 19.7#
279 33.5 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003400.D
Acq: 02 Nov 2018 11:54

Tgt Ion: 276 Resp: 27256
Ion Ratio Lower Upper
276 100
138 23.1 17.0 25.6
277 25.3 19.2 28.8

