

Data File : BN003388.D
Acq On : 01 Nov 2018 20:45
Operator : MJ/SJ
Sample : J5635-28MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H7MS

Quant Time: Nov 02 04:52:36 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 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11515	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	47812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	27090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	66414	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	64207	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	54241	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	21711	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	57783	0.31	ng/ul	0.00

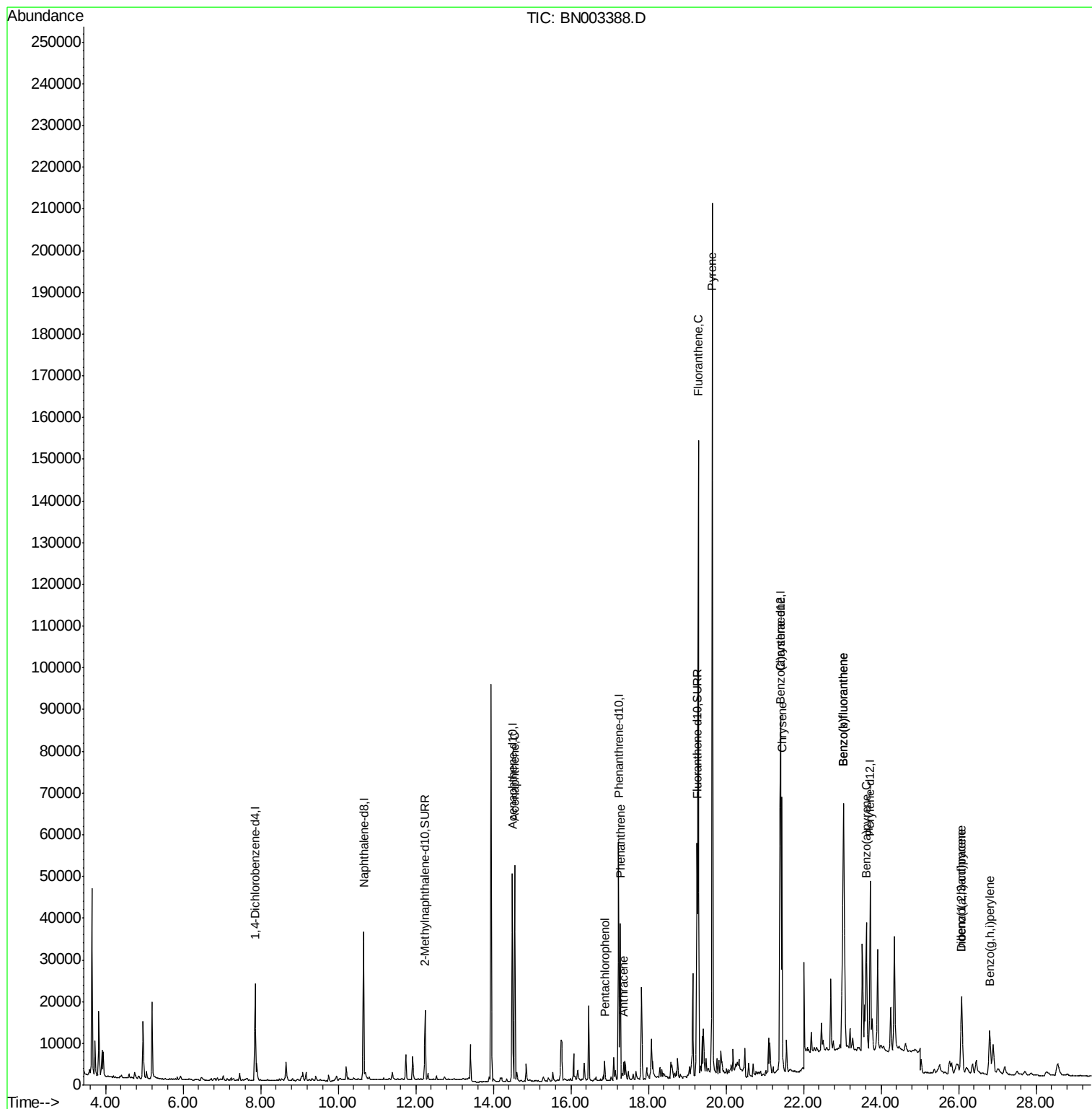
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	29130	0.277	ng/ul	99
11) Pentachlorophenol	16.87	266	3078	0.231	ng/ul	99
12) Phenanthrene	17.27	178	38375	0.176	ng/ul	99
13) Anthracene	17.36	178	4418	0.025	ng/ul#	92
15) Fluoranthene	19.29	202	124274	0.508	ng/ul	97
17) Pyrene	19.65	202	172953	0.741	ng/ul	99
18) Benzo(a)anthracene	21.39	228	46614	0.232	ng/ul	97
19) Chrysene	21.45	228	63575	0.278	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	105136	0.450	ng/ul#	81
22) Benzo(k)fluoranthene	23.02	252	105136	0.464	ng/ul#	81
23) Benzo(a)pyrene	23.62	252	45348	0.232	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.08	276	30233	0.145	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.08	278	7056	0.041	ng/ul#	26
26) Benzo(g,h,i)perylene	26.80	276	24968	0.139	ng/ul#	92

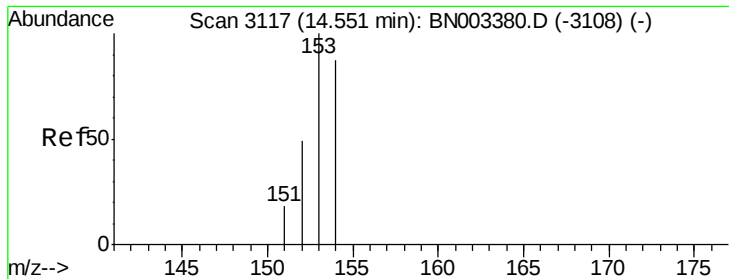
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.277 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Instrument :

BNA_N

ClientSampleId :

A40H7MS

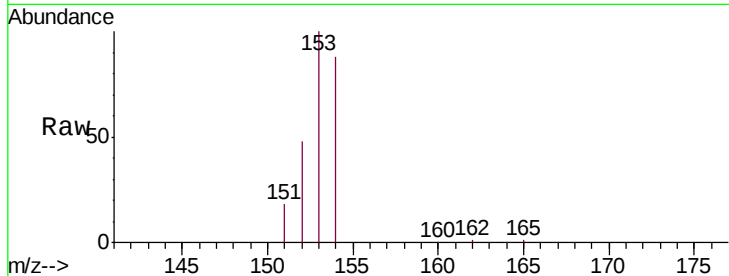
Tgt Ion:153 Resp: 29130

Ion Ratio Lower Upper

153 100

152 48.0 39.5 59.3

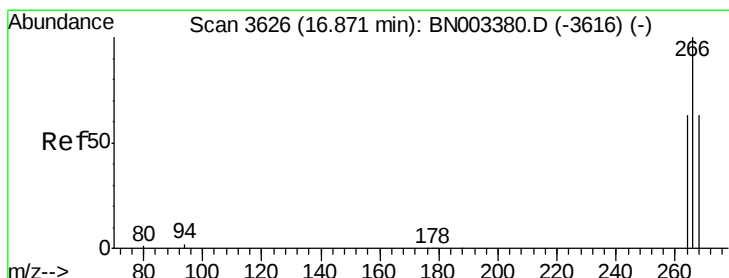
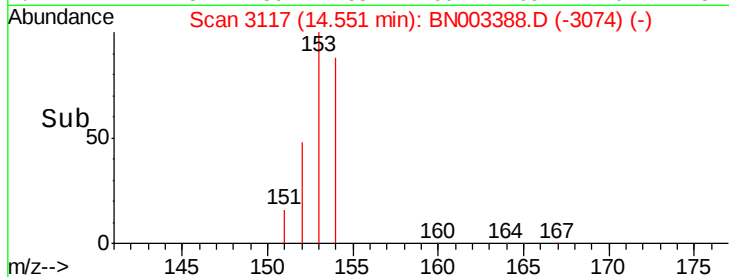
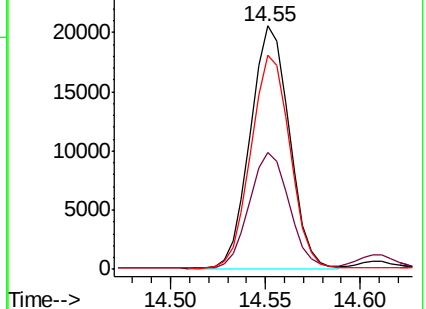
154 87.7 70.3 105.5



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: 0.231 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

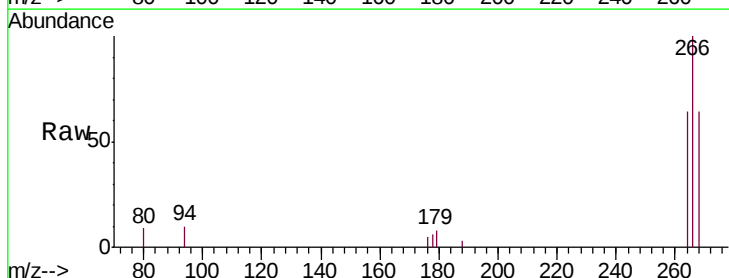
Tgt Ion:266 Resp: 3078

Ion Ratio Lower Upper

266 100

264 63.5 50.2 75.4

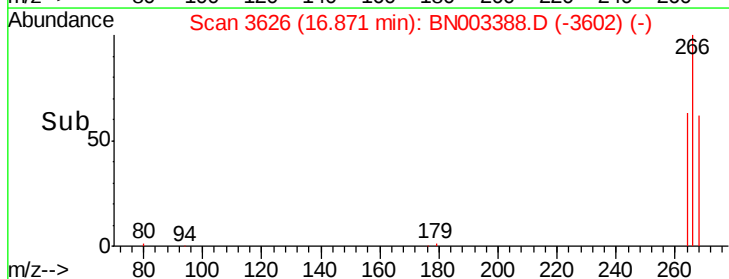
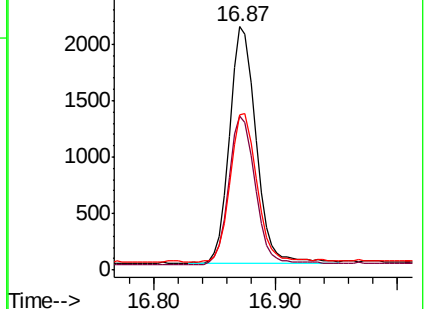
268 64.1 50.7 76.1

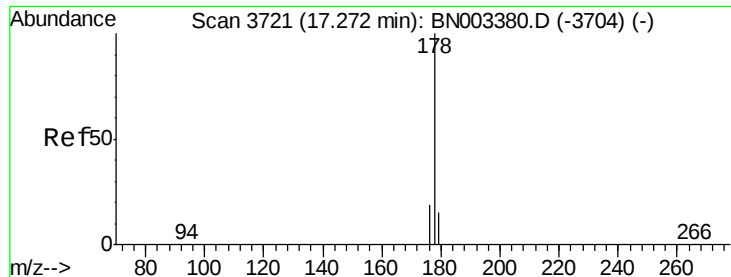


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.176 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Instrument :

BNA_N

ClientSampleId :

A40H7MS

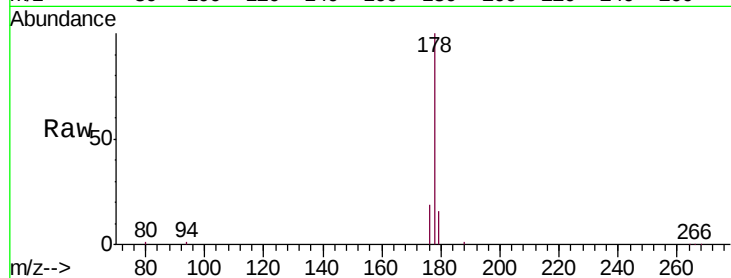
Tgt Ion:178 Resp: 38375

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

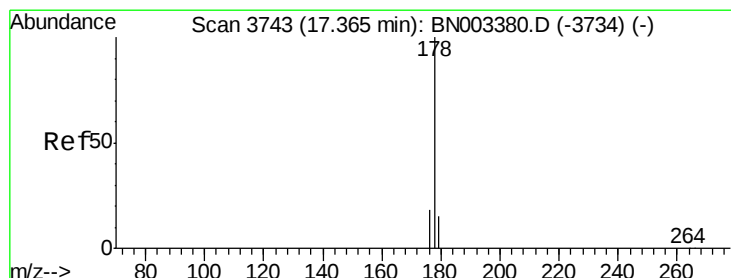
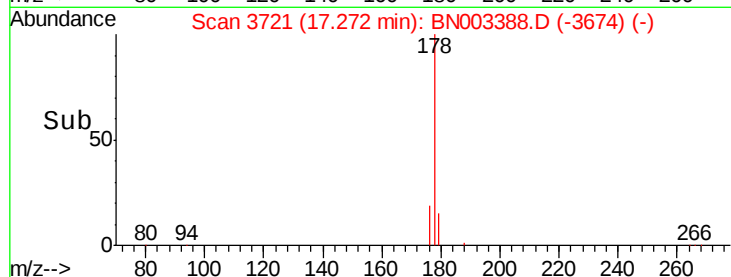
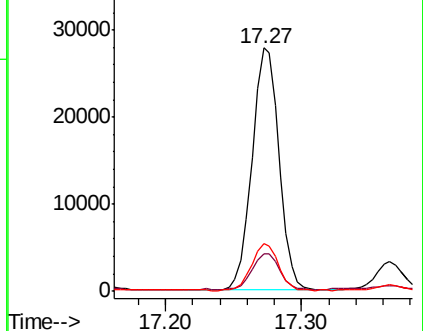
176 19.5 15.0 22.4



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: 0.025 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

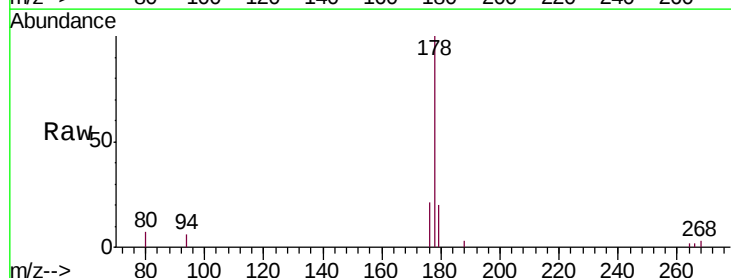
Tgt Ion:178 Resp: 4418

Ion Ratio Lower Upper

178 100

179 20.0 12.2 18.2#

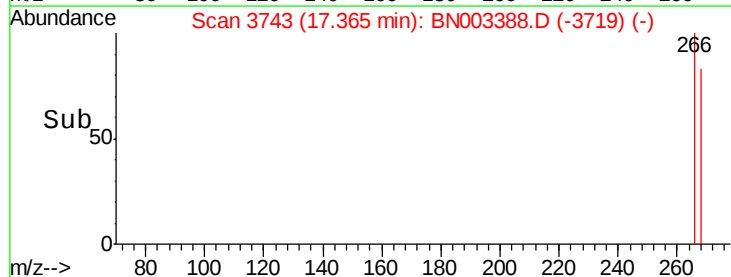
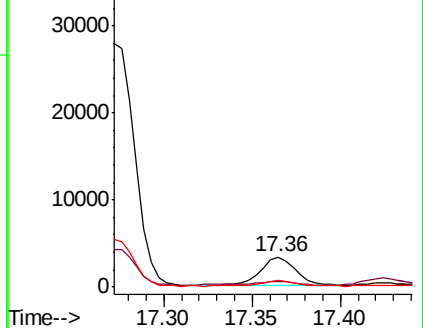
176 21.0 14.7 22.1

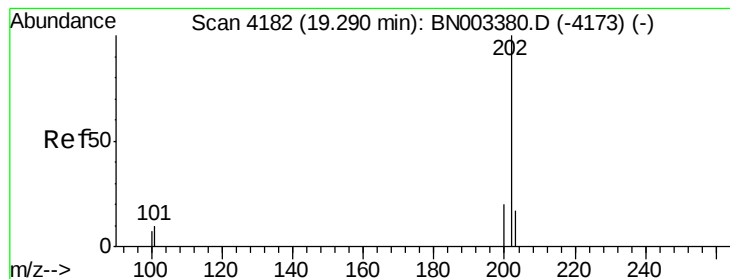


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.508 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Instrument :

BNA_N

ClientSampleId :

A40H7MS

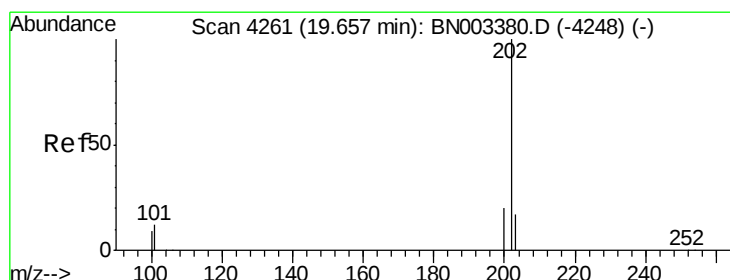
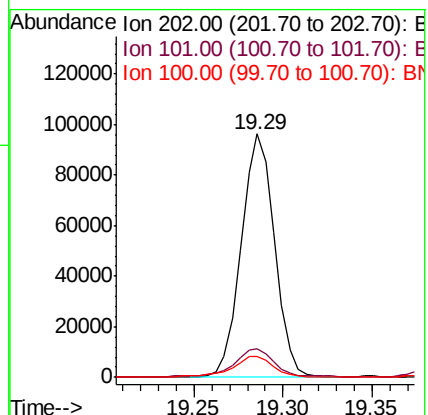
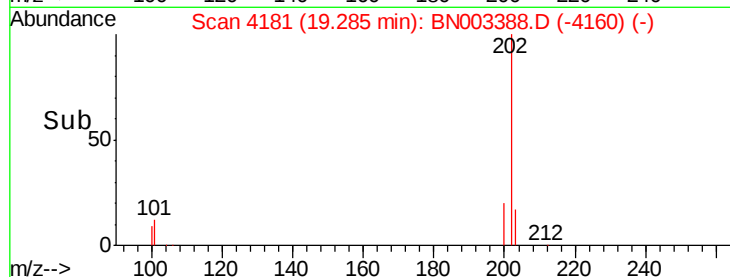
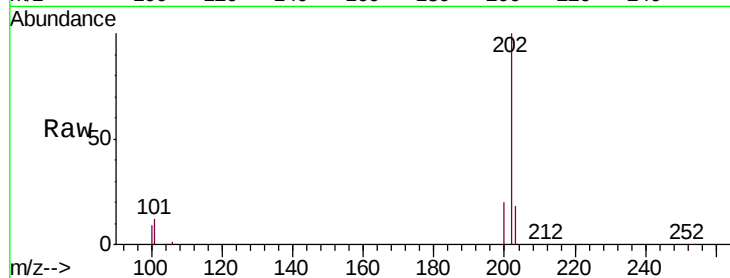
Tgt Ion:202 Resp: 124274

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.7

100 8.8 0.0 28.0



#17

Pyrene

Concen: 0.741 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. -0.00 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

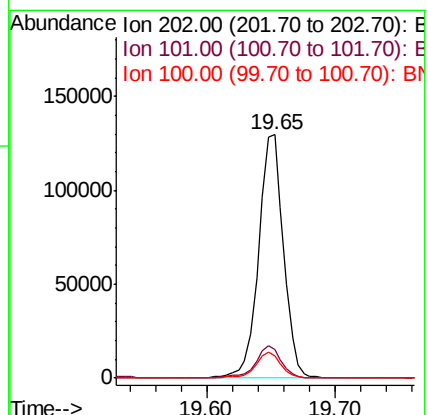
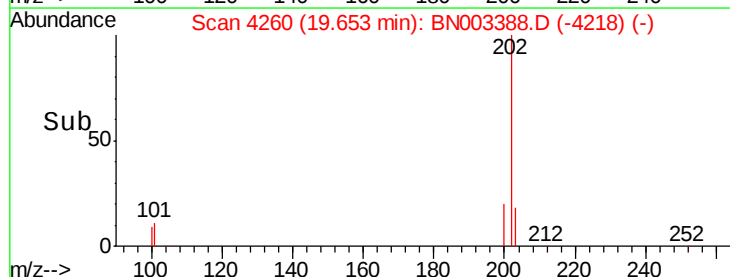
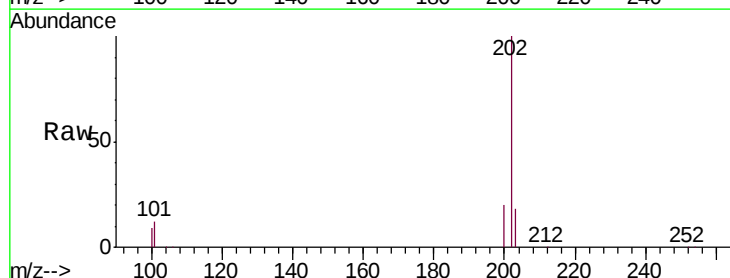
Tgt Ion:202 Resp: 172953

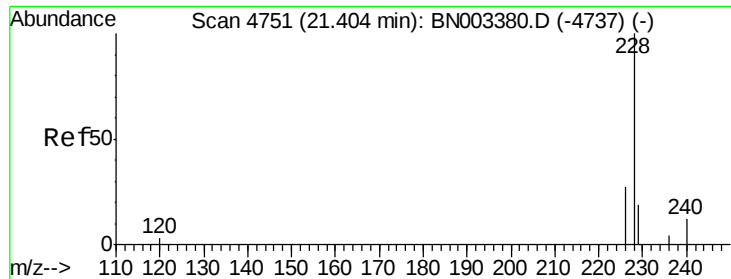
Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 9.1 7.5 11.3





#18

Benzo(a)anthracene

Concen: 0.232 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Instrument :

BNA_N

ClientSampleId :

A40H7MS

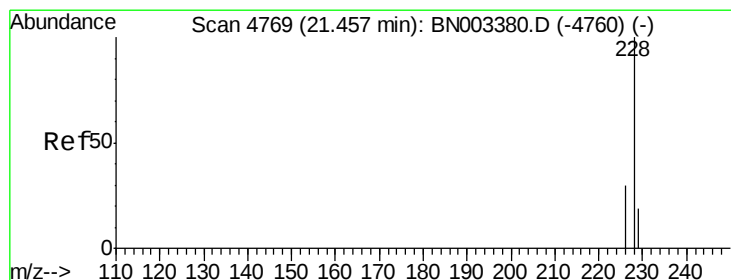
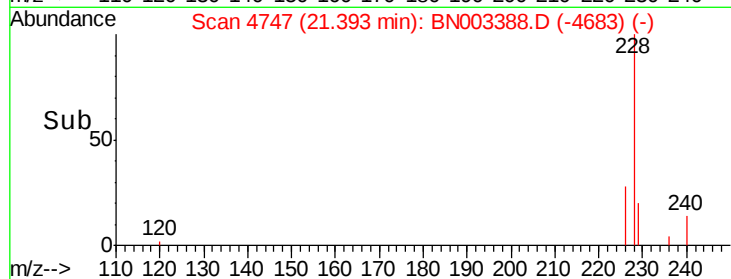
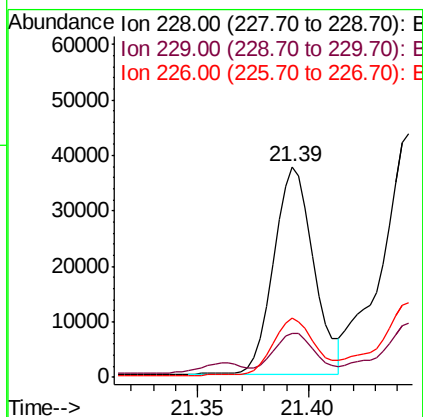
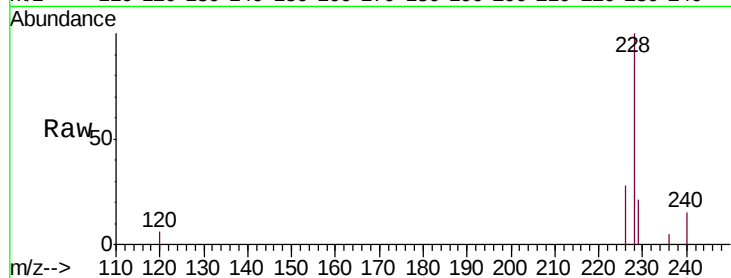
Tgt Ion:228 Resp: 46614

Ion Ratio Lower Upper

228 100

229 21.0 15.5 23.3

226 28.3 21.5 32.3



#19

Chrysene

Concen: 0.278 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

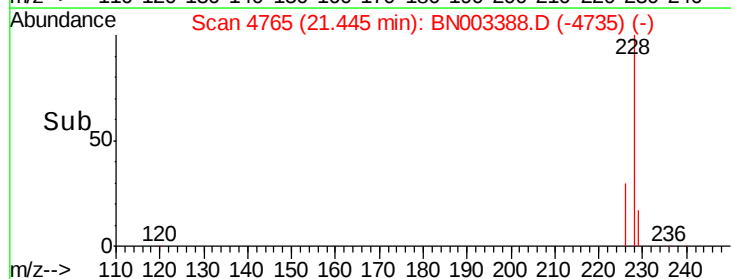
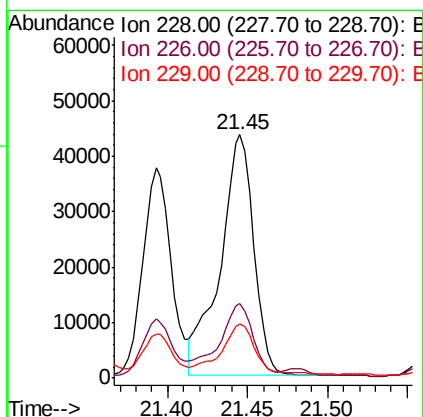
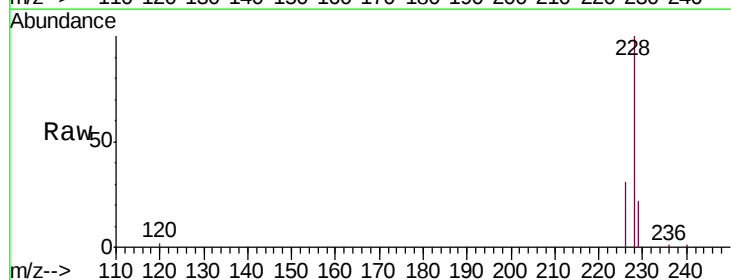
Tgt Ion:228 Resp: 63575

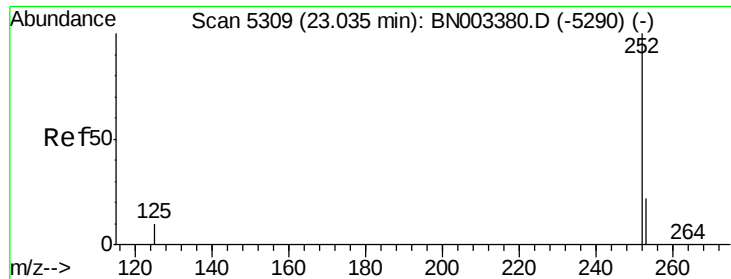
Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

229 22.2 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.450 ng/u1

RT: 23.02 min Scan# 5304

Delta R.T. -0.01 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

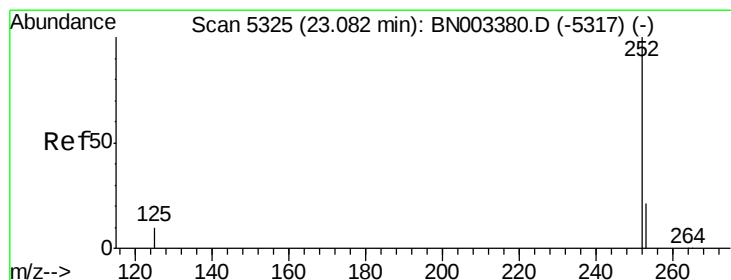
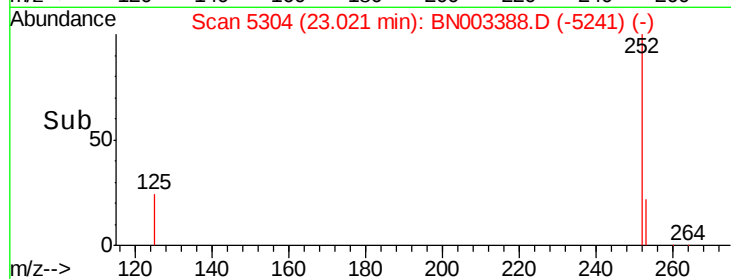
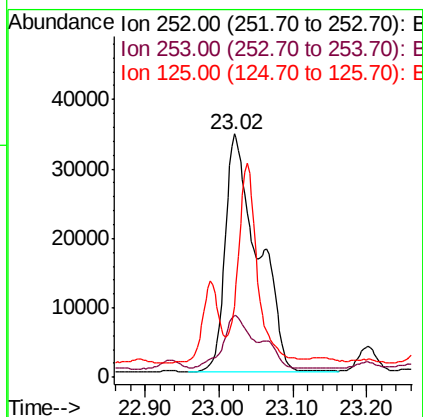
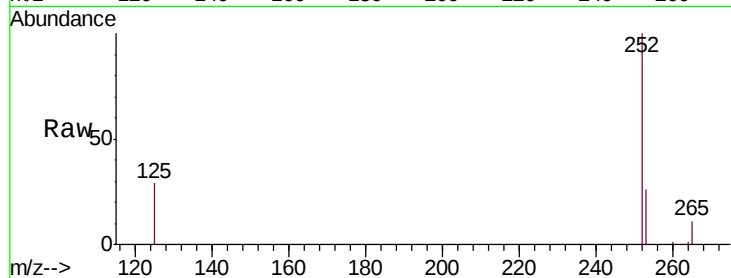
Instrument :

BNA_N

ClientSampleId :

A40H7MS

Tgt Ion:	252	Resp:	105136
Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	45.6
125	29.2	0.0	21.8#



#22

Benzo(k)fluoranthene

Concen: 0.464 ng/u1

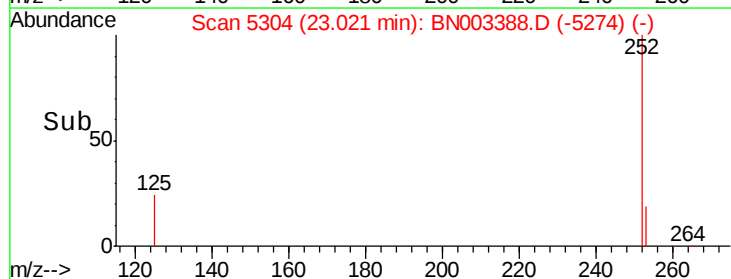
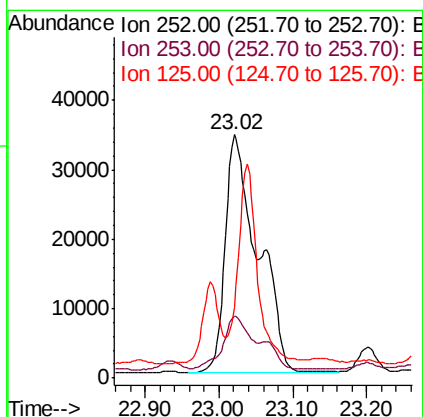
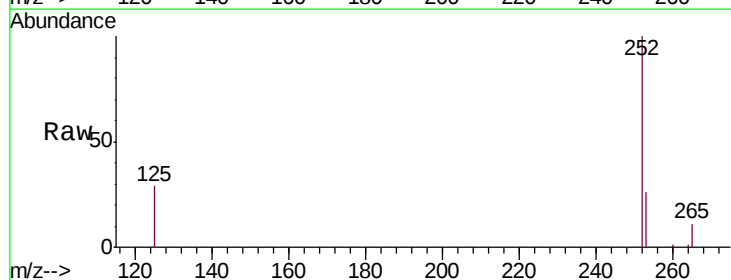
RT: 23.02 min Scan# 5304

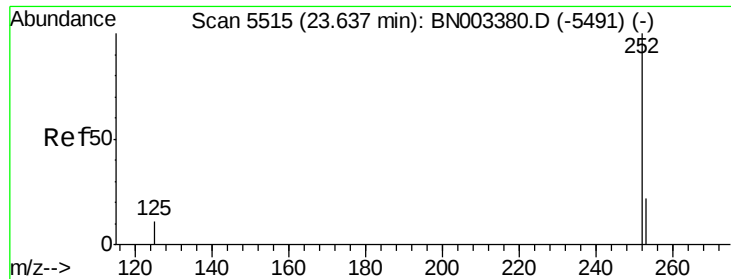
Delta R.T. -0.06 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Tgt Ion:	252	Resp:	105136
Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.4
125	29.2	8.6	13.0#





#23

Benzo(a)pyrene

Concen: 0.232 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.02 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

Instrument :

BNA_N

ClientSampleId :

A40H7MS

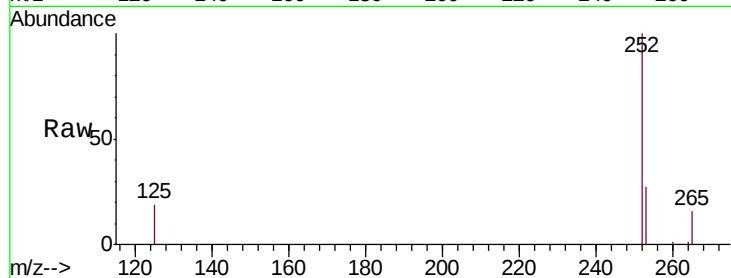
Tgt Ion:252 Resp: 45348

Ion Ratio Lower Upper

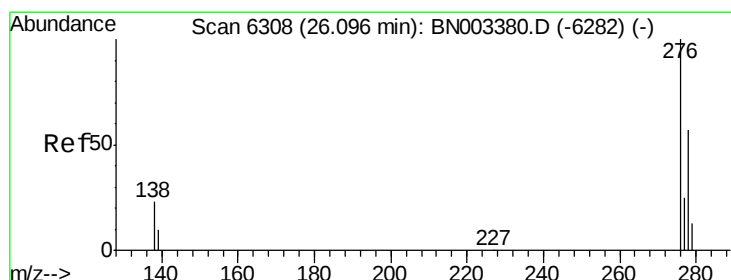
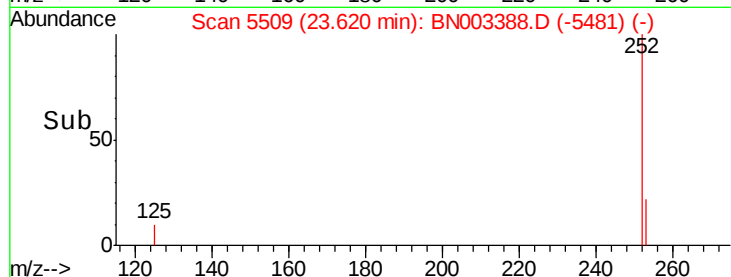
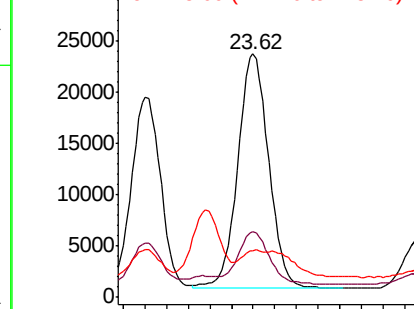
252 100

253 26.9 18.5 27.7

125 19.0 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: 0.145 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN003388.D

Acq: 01 Nov 2018 20:45

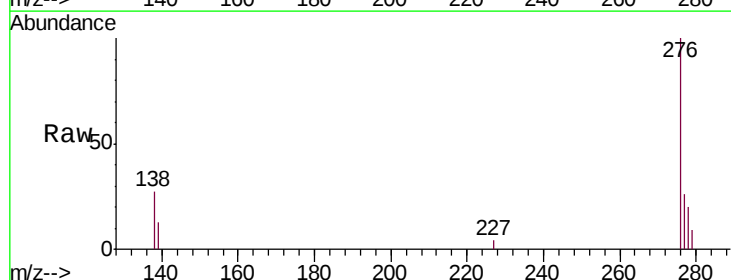
Tgt Ion:276 Resp: 30233

Ion Ratio Lower Upper

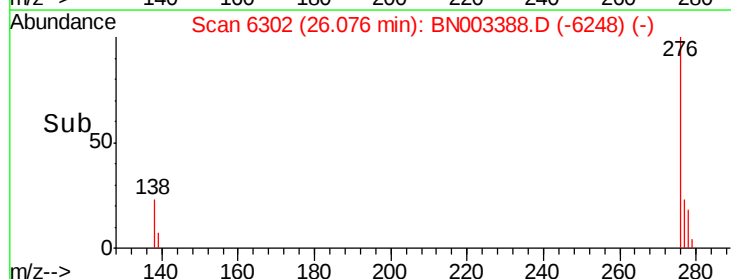
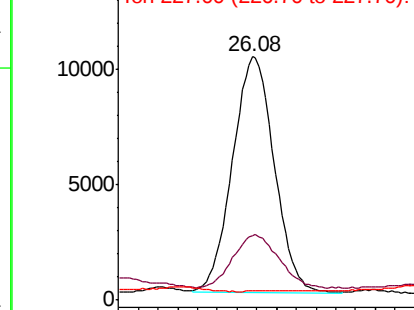
276 100

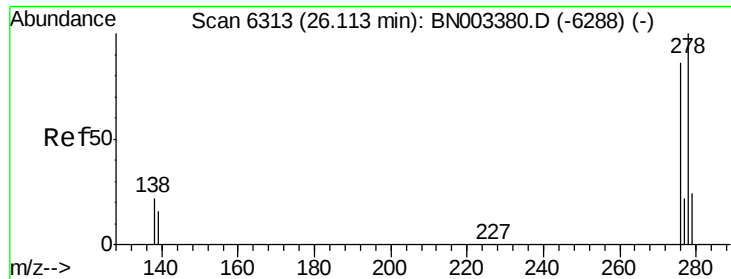
138 24.9 19.8 29.8

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

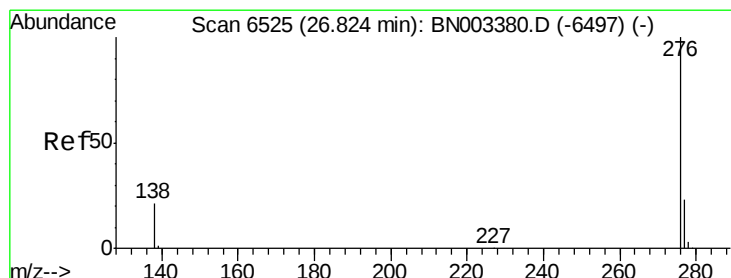
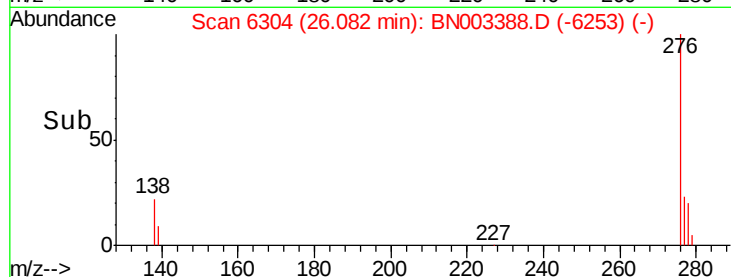
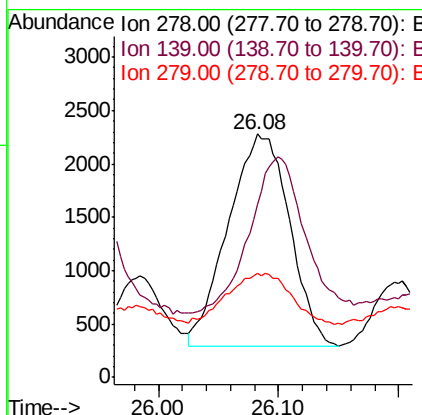
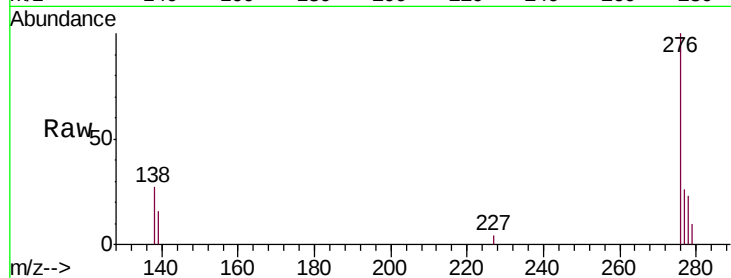




#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/u1
RT: 26.08 min Scan# 6304
Delta R.T. -0.03 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Instrument :
BNA_N
ClientSampleId :
A40H7MS

Tgt Ion: 278 Resp: 7056
Ion Ratio Lower Upper
278 100
139 71.3 13.1 19.7#
279 42.8 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 0.139 ng/u1
RT: 26.80 min Scan# 6519
Delta R.T. -0.02 min
Lab File: BN003388.D
Acq: 01 Nov 2018 20:45

Tgt Ion: 276 Resp: 24968
Ion Ratio Lower Upper
276 100
138 25.7 17.0 25.6#
277 27.0 19.2 28.8

