

Data File : BN003399.D
Acq On : 02 Nov 2018 11:19
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Quant Time: Nov 02 23:16:39 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	8486	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	35570	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	20774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	50718	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	49445	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	41191	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	12933	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	34691	0.24	ng/ul	0.00

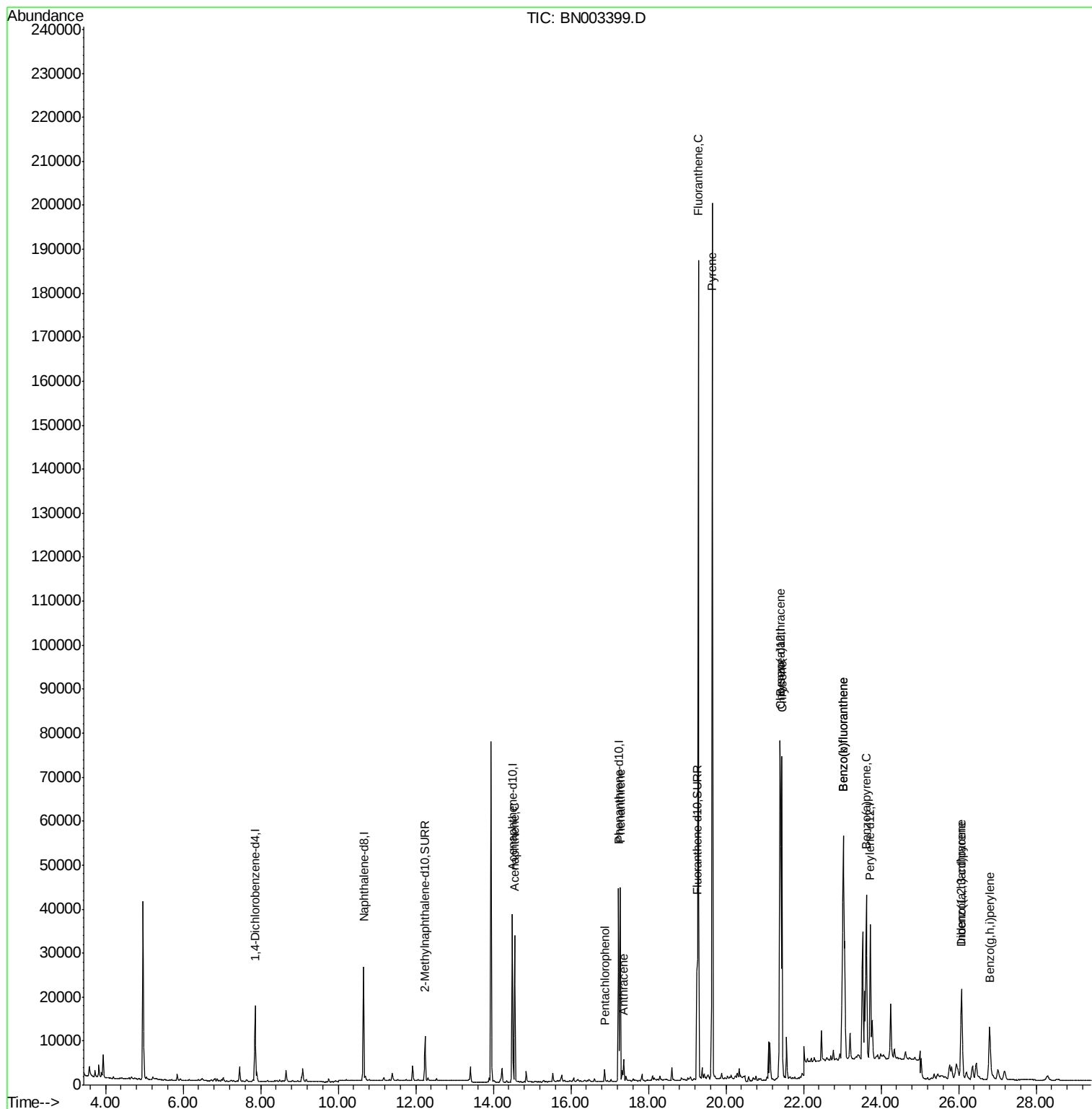
Target Compounds				Qvalue		
8) Acenaphthene	14.55	153	18544	0.230	ng/ul	99
11) Pentachlorophenol	16.87	266	1749	0.172	ng/ul	99
12) Phenanthrene	17.27	178	45278	0.272	ng/ul	100
13) Anthracene	17.36	178	5097	0.038	ng/ul	95
15) Fluoranthene	19.29	202	152540	0.816	ng/ul	99
17) Pyrene	19.65	202	172143	0.957	ng/ul	98
18) Benzo(a)anthracene	21.39	228	56410	0.364	ng/ul	98
19) Chrysene	21.45	228	70648	0.401	ng/ul	98
21) Benzo(b)fluoranthene	23.02	252	119127	0.671	ng/ul	95
22) Benzo(k)fluoranthene	23.02	252	119127	0.693	ng/ul#	95
23) Benzo(a)pyrene	23.62	252	53042	0.358	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	34375	0.217	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.09	278	8673	0.067	ng/ul#	72
26) Benzo(g,h,i)perylene	26.80	276	26307	0.193	ng/ul	96

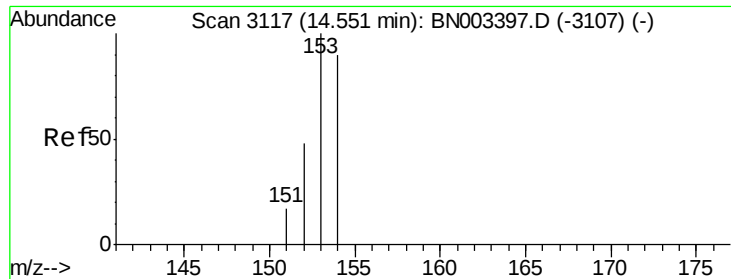
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.230 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

BNA_N

ClientSampleId :

A40K4MS

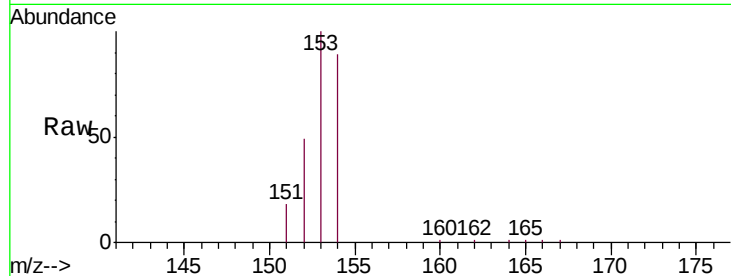
Tgt Ion:153 Resp: 18544

Ion Ratio Lower Upper

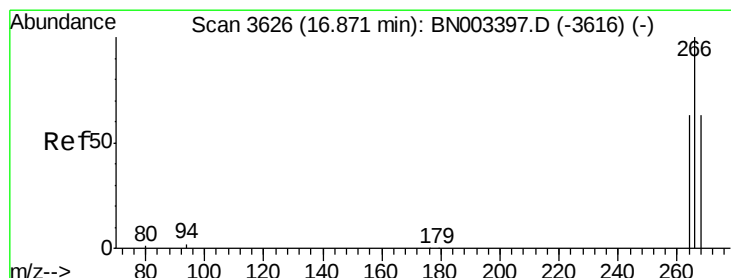
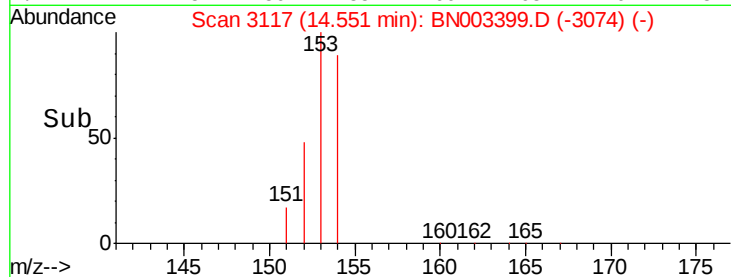
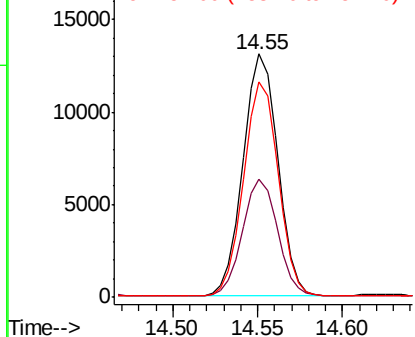
153 100

152 48.6 39.5 59.3

154 88.6 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: 0.172 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

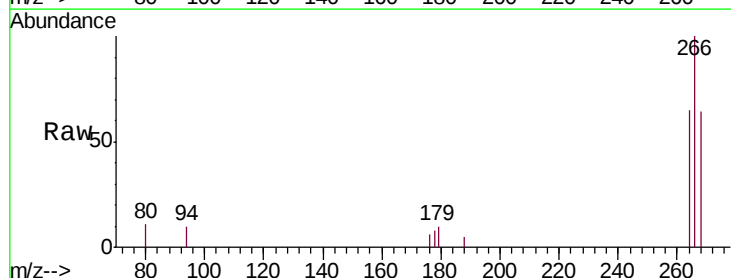
Tgt Ion:266 Resp: 1749

Ion Ratio Lower Upper

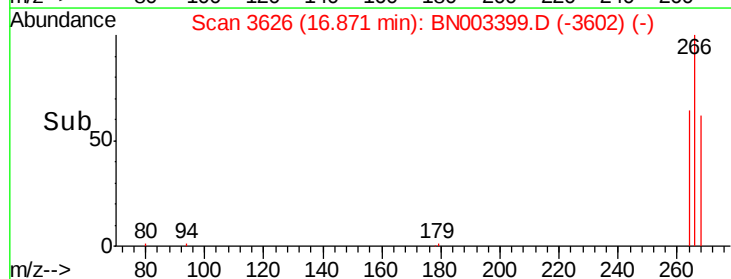
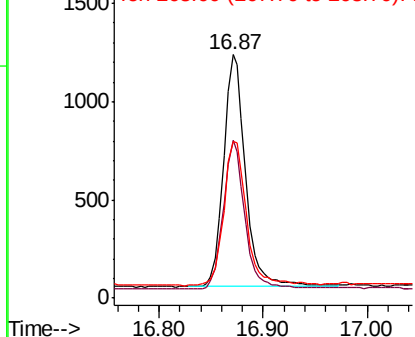
266 100

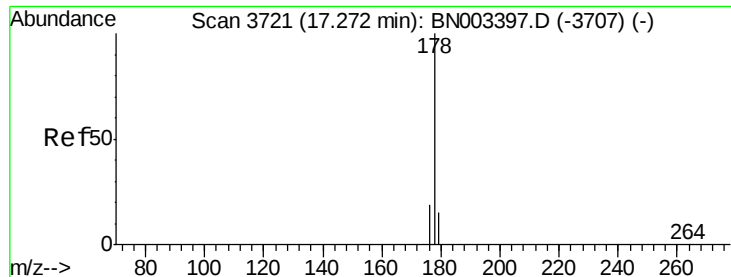
264 63.3 50.2 75.4

268 64.4 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: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

BNA_N

ClientSampleId :

A40K4MS

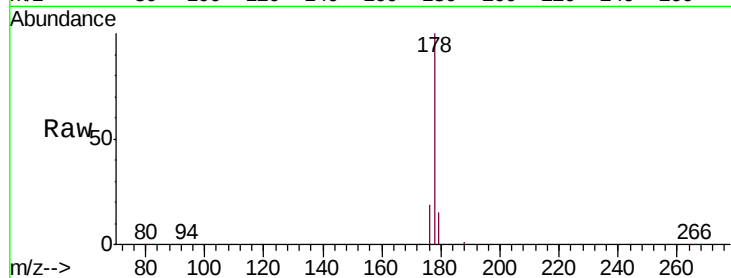
Tgt Ion:178 Resp: 45278

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

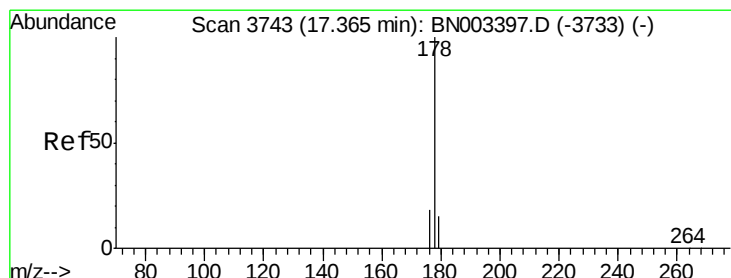
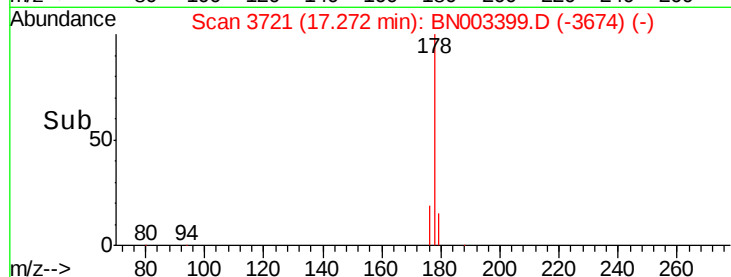
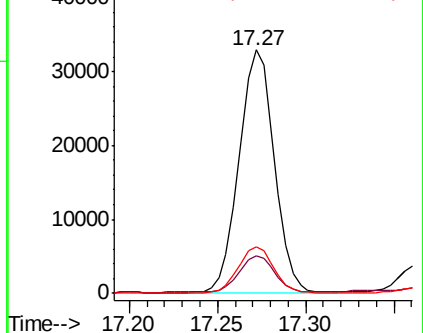
176 18.8 15.0 22.4



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: BN003399.D

Acq: 02 Nov 2018 11:19

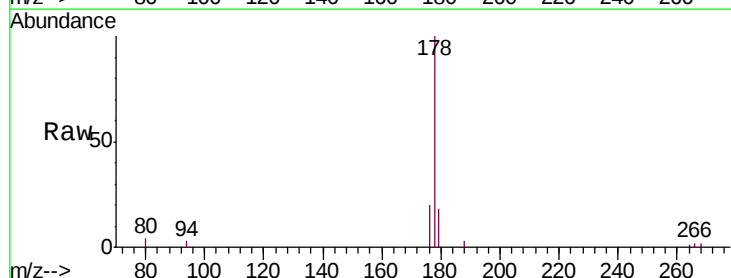
Tgt Ion:178 Resp: 5097

Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.2

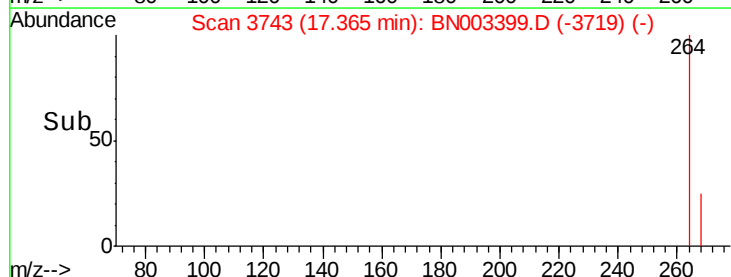
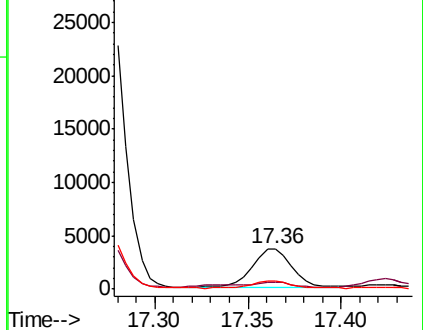
176 19.8 14.7 22.1

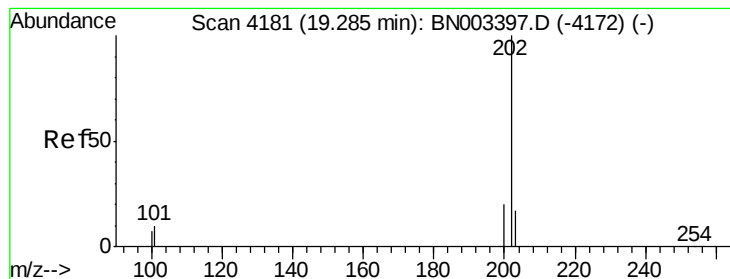


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.816 ng/ul

RT: 19.29 min Scan# 4181

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

BNA_N

ClientSampleId :

A40K4MS

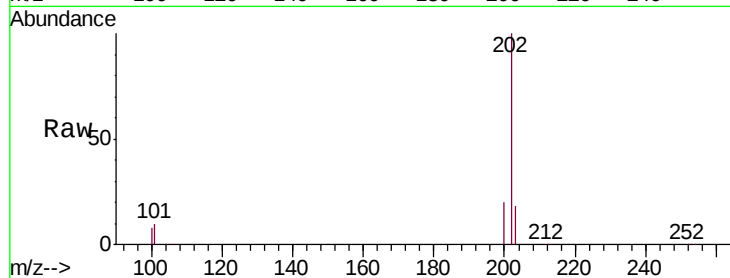
Tgt Ion:202 Resp: 152540

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

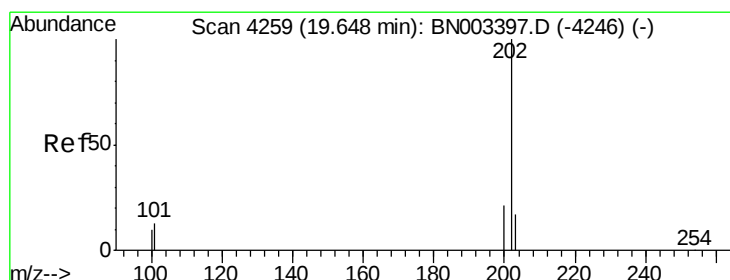
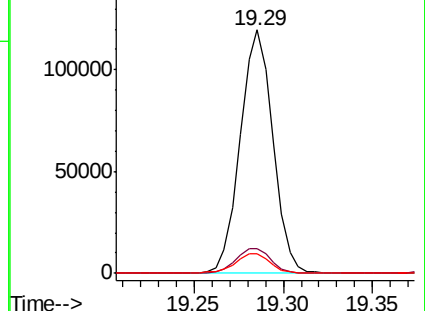
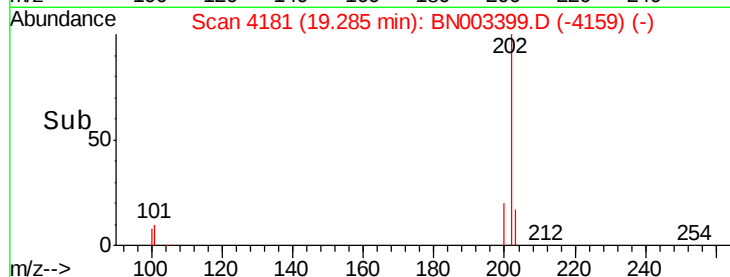
100 7.8 0.0 28.0



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: 0.957 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

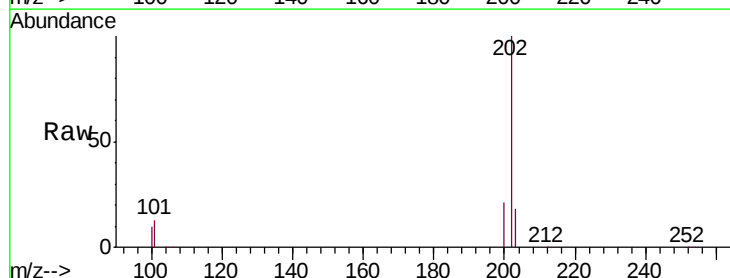
Tgt Ion:202 Resp: 172143

Ion Ratio Lower Upper

202 100

101 12.8 9.5 14.3

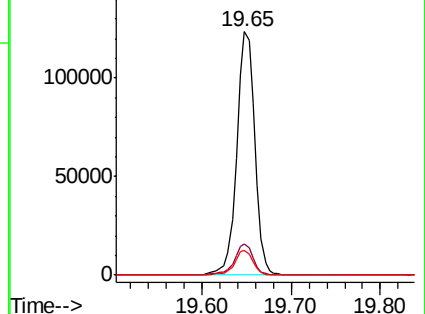
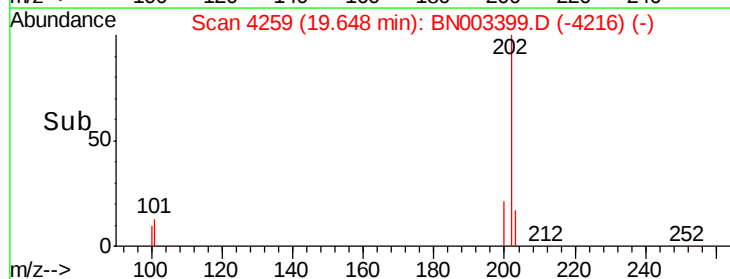
100 10.3 7.5 11.3

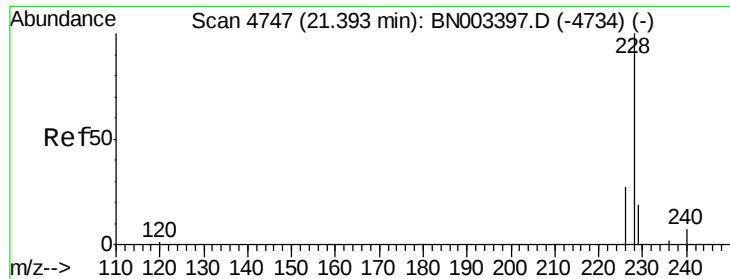


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.364 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

BNA_N

ClientSampleId :

A40K4MS

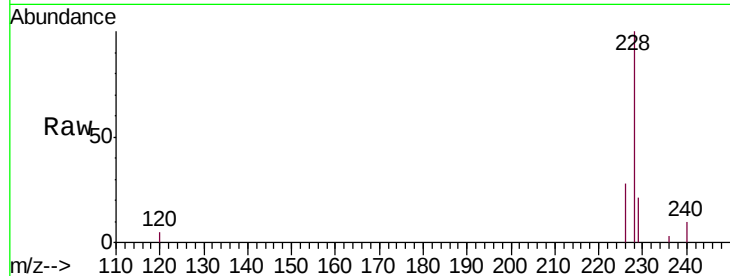
Tgt Ion:228 Resp: 56410

Ion Ratio Lower Upper

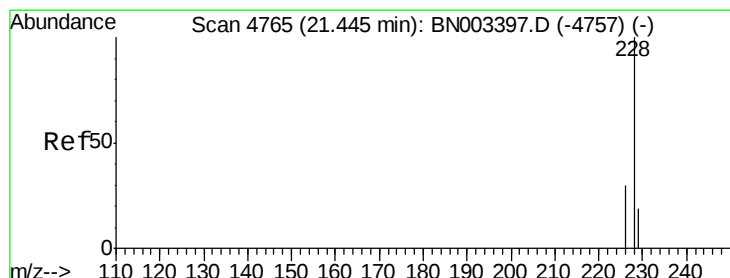
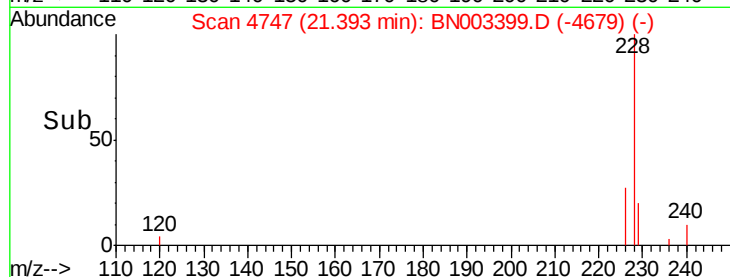
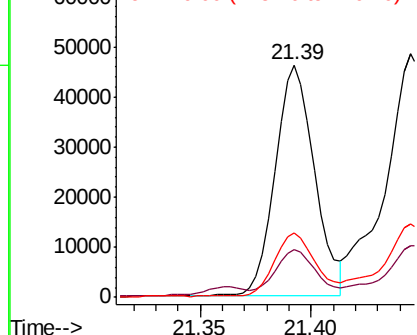
228 100

229 20.6 15.5 23.3

226 27.5 21.5 32.3



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: 0.401 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

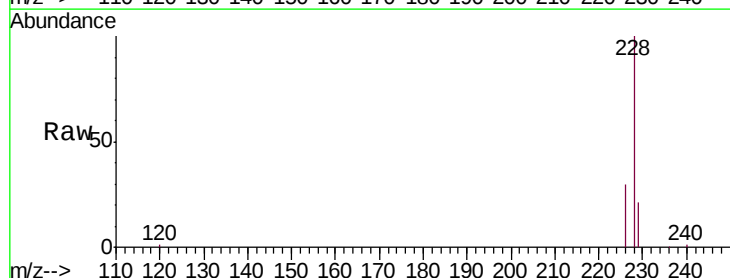
Tgt Ion:228 Resp: 70648

Ion Ratio Lower Upper

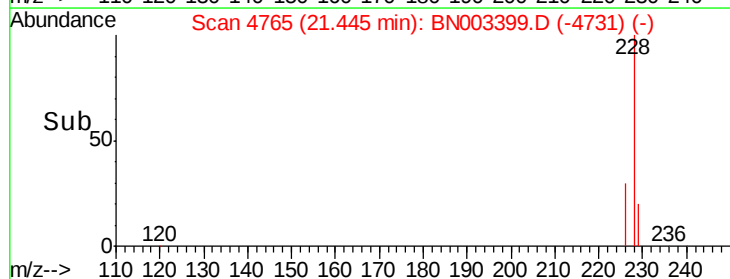
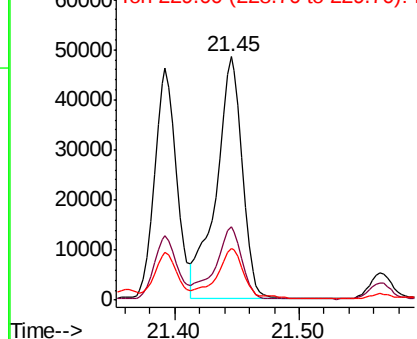
228 100

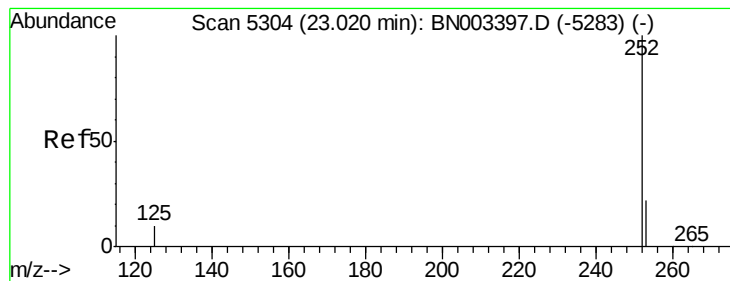
226 30.1 23.8 35.6

229 21.4 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: 0.671 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. 0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

BNA_N

ClientSampleId :

A40K4MS

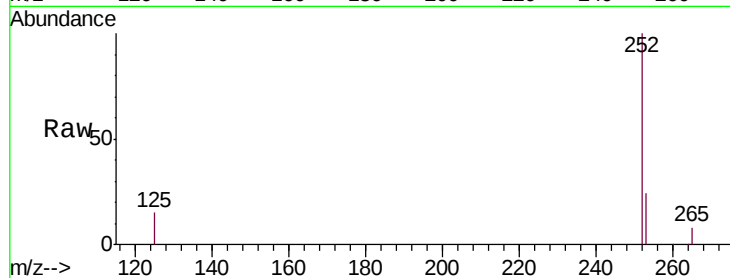
Tgt Ion:252 Resp: 119127

Ion Ratio Lower Upper

252 100

253 24.4 0.0 45.6

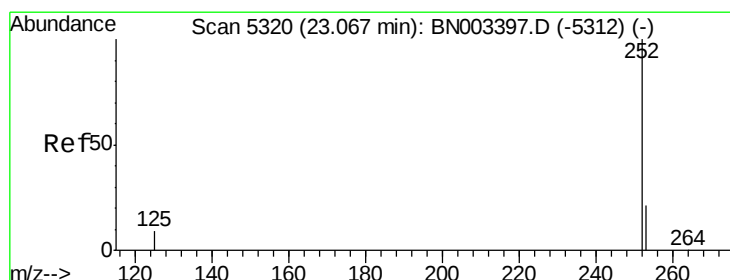
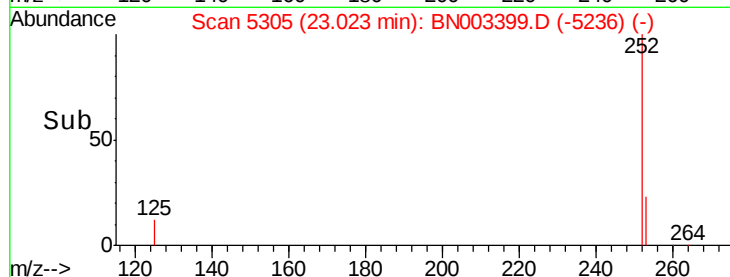
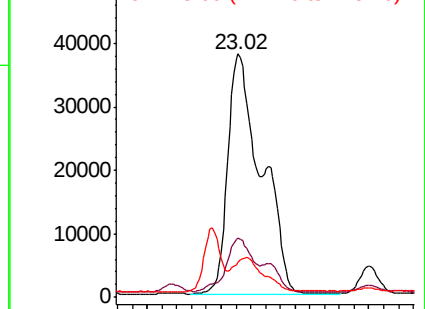
125 14.5 0.0 21.8



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: 0.693 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. -0.04 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

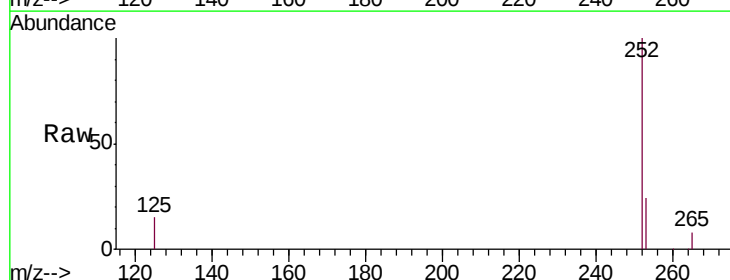
Tgt Ion:252 Resp: 119127

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.4

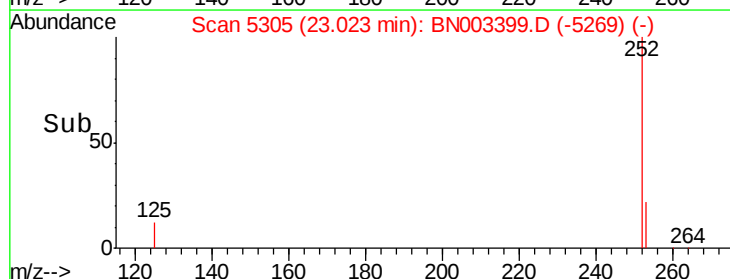
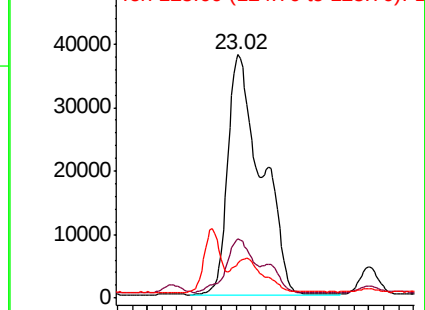
125 14.5 8.6 13.0#

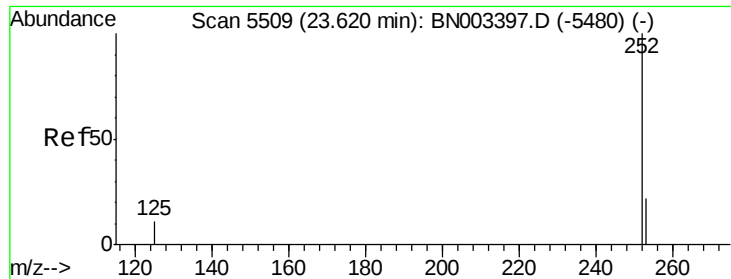


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.358 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

Instrument :

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ClientSampleId :

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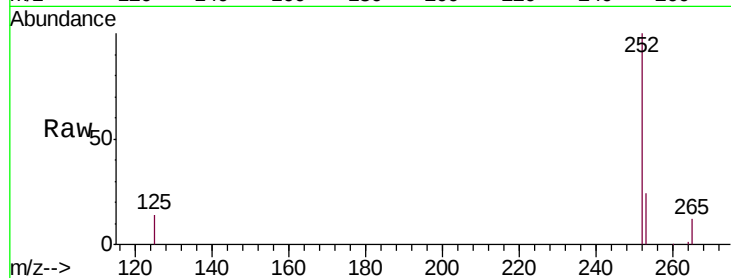
Tgt Ion:252 Resp: 53042

Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

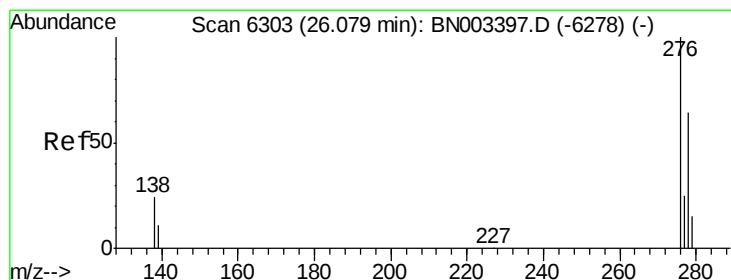
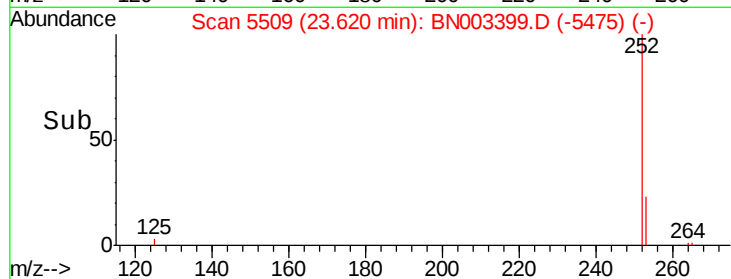
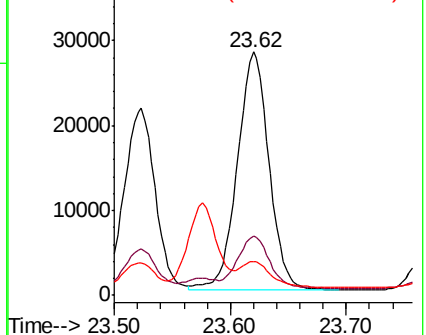
125 14.0 9.9 14.9



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: 0.217 ng/u1

RT: 26.08 min Scan# 6302

Delta R.T. -0.00 min

Lab File: BN003399.D

Acq: 02 Nov 2018 11:19

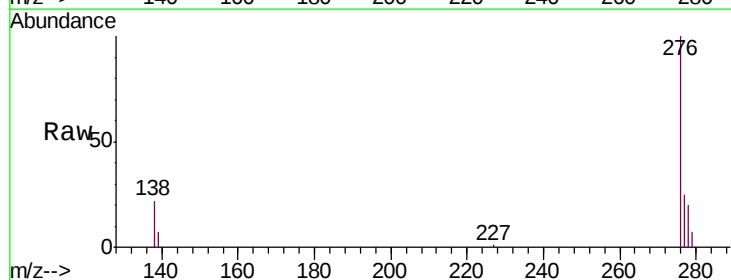
Tgt Ion:276 Resp: 34375

Ion Ratio Lower Upper

276 100

138 21.8 19.8 29.8

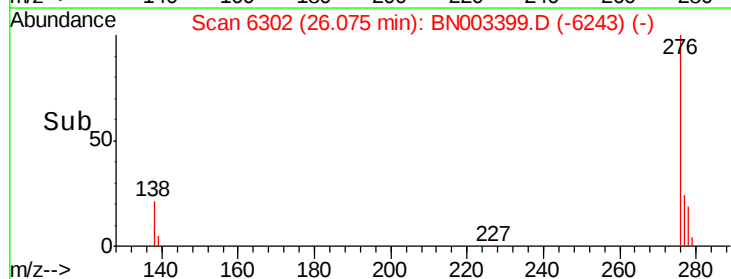
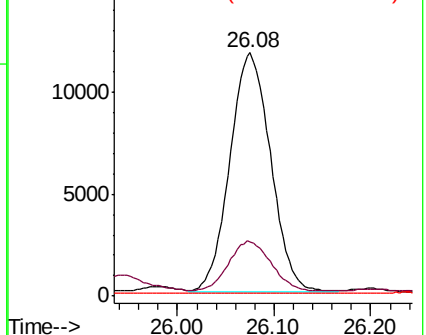
227 0.0 0.2 0.2#

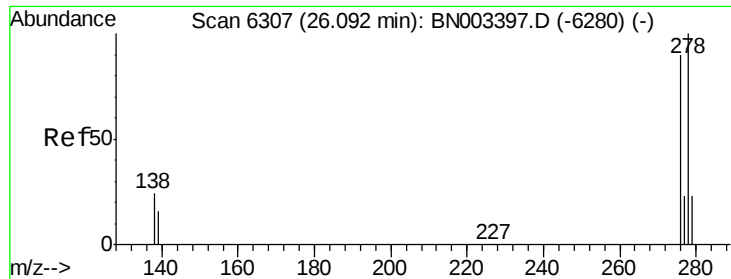


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

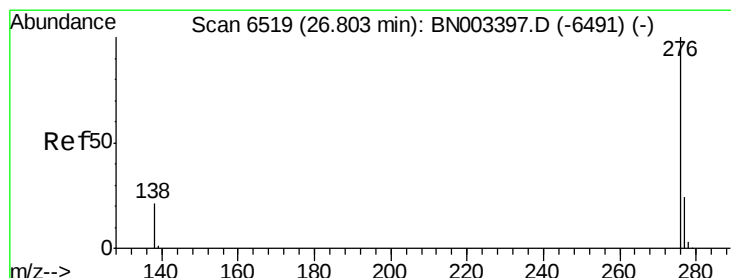
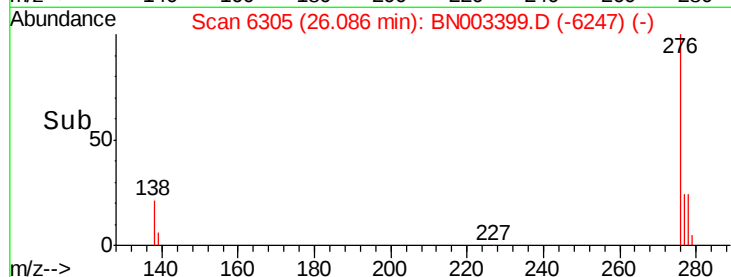
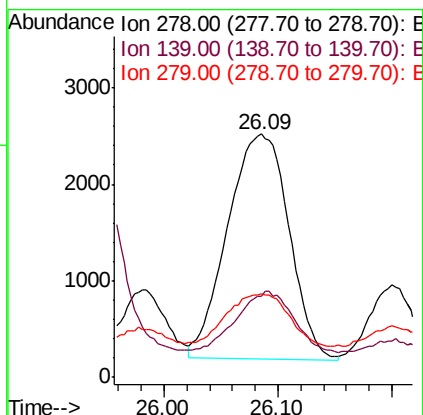
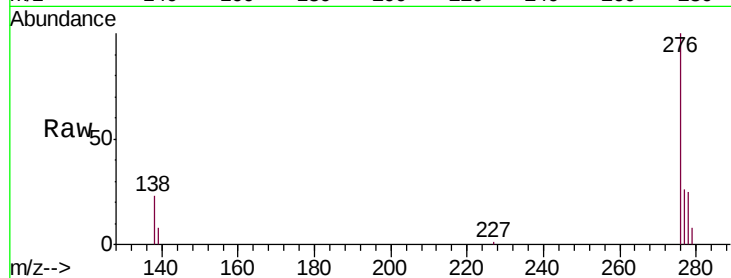




#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Instrument :
BNA_N
ClientSampleId :
A40K4MS

Tgt Ion: 278 Resp: 8673
Ion Ratio Lower Upper
278 100
139 33.5 13.1 19.7#
279 34.1 19.5 29.3#



#26
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 26.80 min Scan# 6519
Delta R.T. 0.00 min
Lab File: BN003399.D
Acq: 02 Nov 2018 11:19

Tgt Ion: 276 Resp: 26307
Ion Ratio Lower Upper
276 100
138 23.1 17.0 25.6
277 26.3 19.2 28.8

