

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110118\
 Data File : BN003378.D
 Acq On : 01 Nov 2018 14:51
 Operator : MJ/SJ
 Sample : J5704-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40D8

Quant Time: Nov 01 17:25:42 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 : Thu Nov 01 13:18:49 2018
 Response via : Initial Calibration

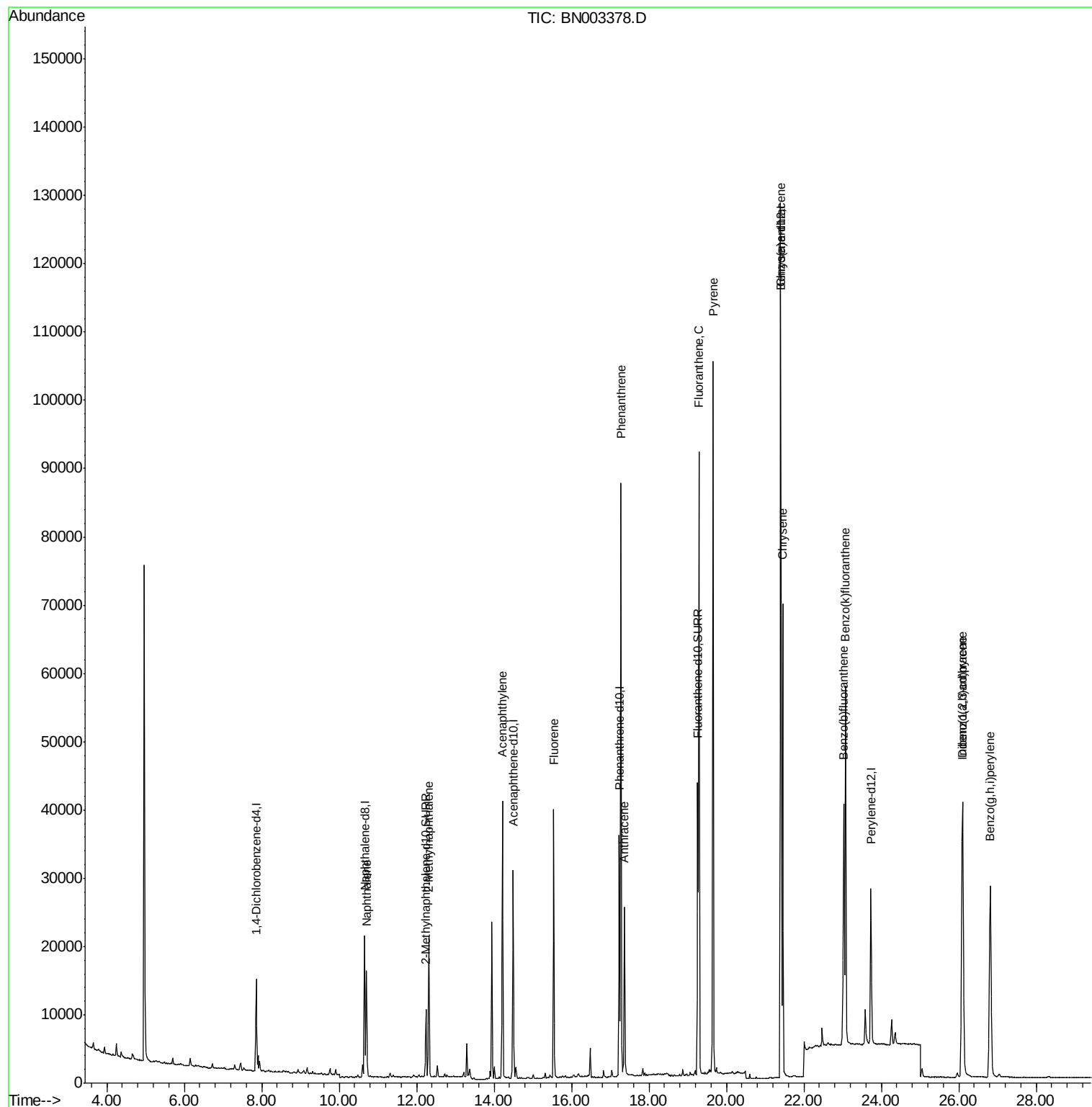
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6786	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	27444	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	15980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	40497	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	39254	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	31223	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	13390	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	45567	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.70	128	20878	0.271	ng/ul	99
5) 2-Methylnaphthalene	12.31	142	14806	0.267	ng/ul	100
7) Acenaphthylene	14.21	152	46111	0.664	ng/ul	100
9) Fluorene	15.54	166	25084	0.343	ng/ul	99
12) Phenanthrene	17.28	178	89523	0.674	ng/ul	99
13) Anthracene	17.36	178	27393	0.253	ng/ul	99
15) Fluoranthene	19.29	202	74689	0.500	ng/ul	87
17) Pyrene	19.65	202	84162	0.589	ng/ul	99
18) Benzo(a)anthracene	21.40	228	102304	0.831	ng/ul	100
19) Chrysene	21.45	228	58211	0.416	ng/ul	99
21) Benzo(b)fluoranthene	23.03	252	44687	0.332	ng/ul	95
22) Benzo(k)fluoranthene	23.07	252	69553	0.534	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.09	276	48287	0.402	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.10	278	44107	0.450	ng/ul	97
26) Benzo(g,h,i)perylene	26.81	276	62858	0.609	ng/ul	99

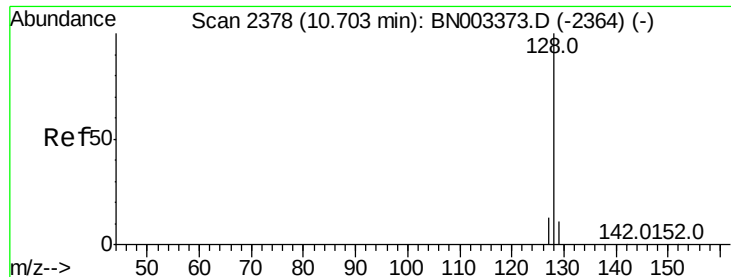
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.271 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

Instrument :

BNA_N

ClientSampleId :

A40D8

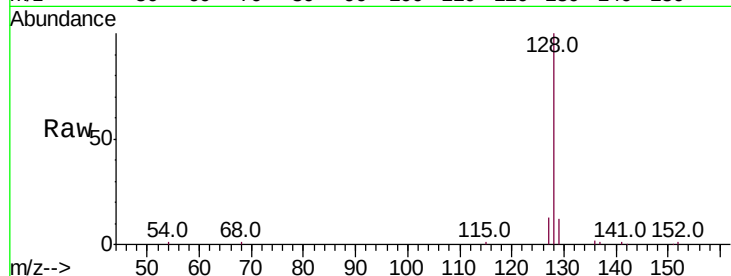
Tot Ion:128 Resp: 20878

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

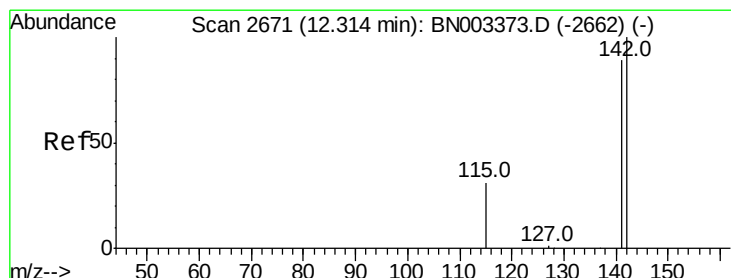
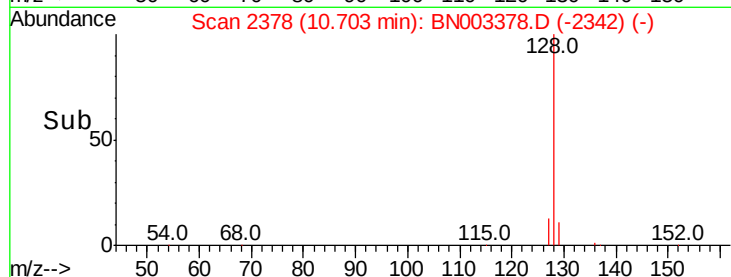
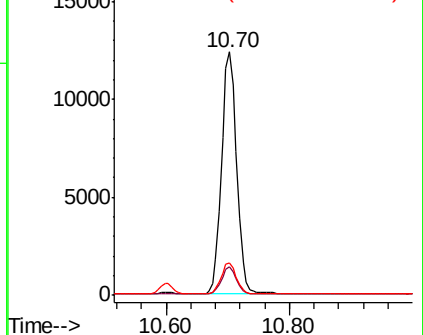
127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.267 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.00 min

Lab File: BN003378.D

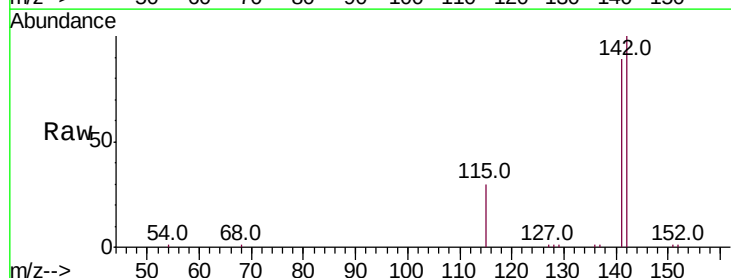
Acq: 01 Nov 2018 14:51

Tgt Ion:142 Resp: 14806

Ion Ratio Lower Upper

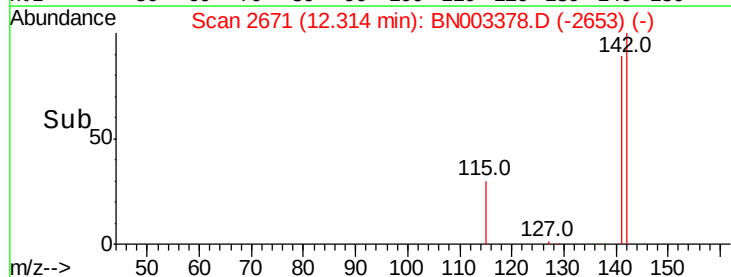
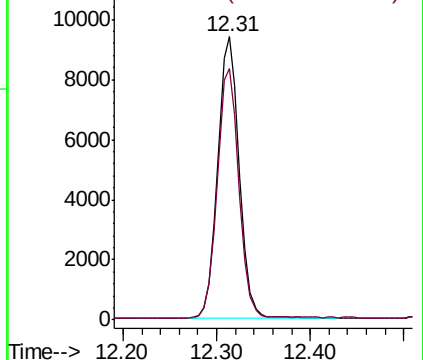
142 100

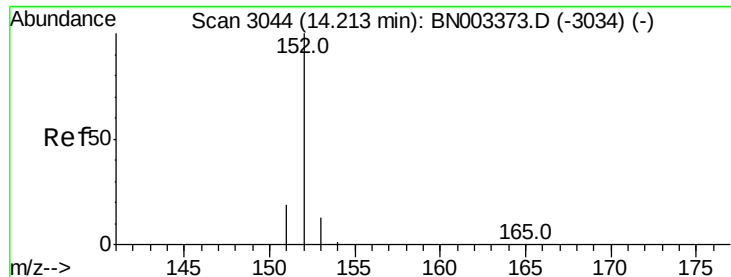
141 89.1 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.664 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

Instrument :

BNA_N

ClientSampleId :

A40D8

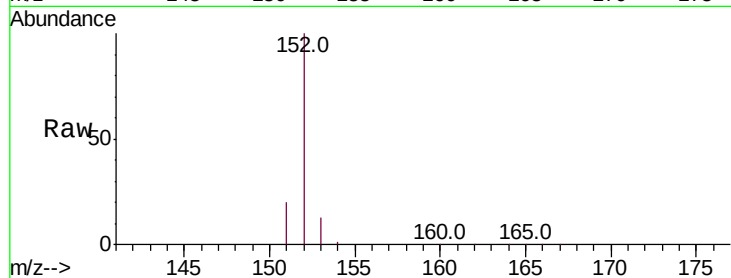
Tot Ion:152 Resp: 46111

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

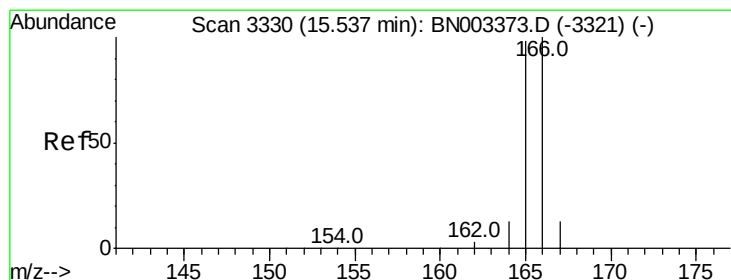
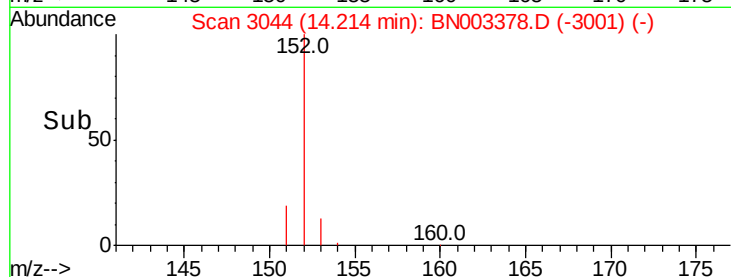
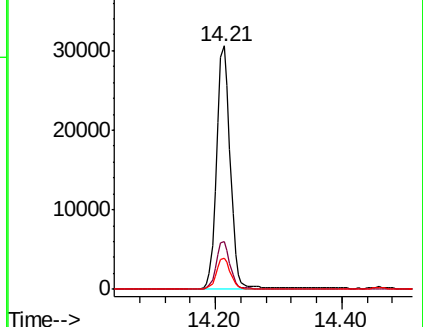
153 13.0 10.4 15.6



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: 0.343 ng/ul

RT: 15.54 min Scan# 3331

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

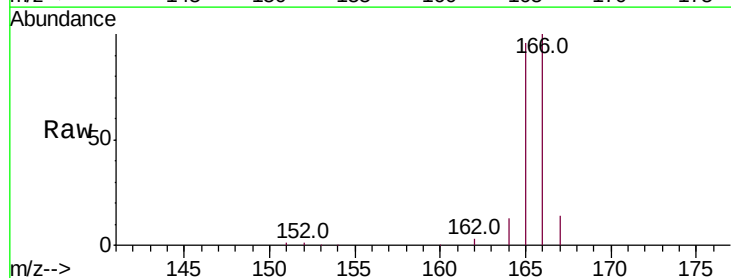
Tgt Ion:166 Resp: 25084

Ion Ratio Lower Upper

166 100

165 96.4 78.3 117.5

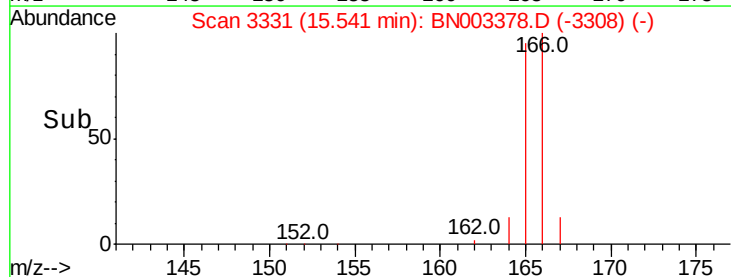
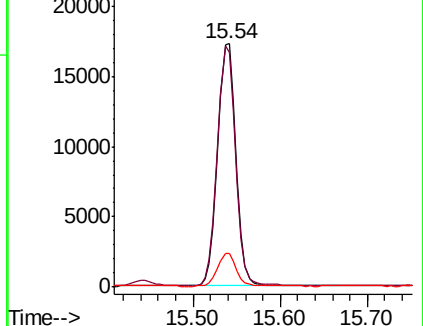
167 13.8 10.8 16.2

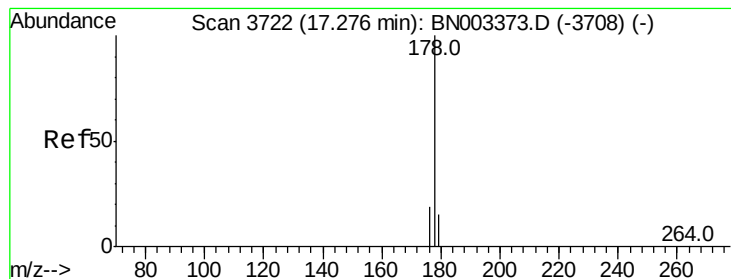


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.674 ng/ul

RT: 17.28 min Scan# 3722

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

Instrument :

BNA_N

ClientSampleId :

A40D8

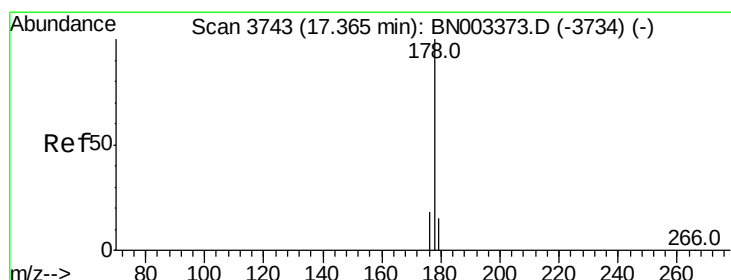
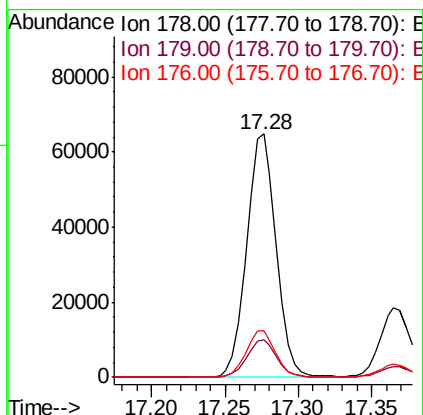
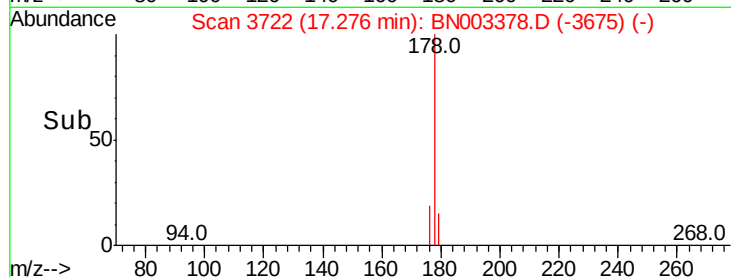
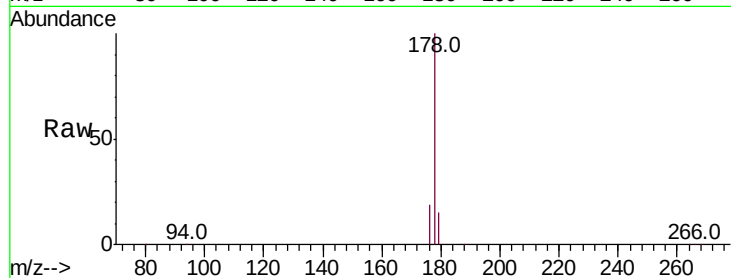
Tot Ion:178 Resp: 89523

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.1 15.0 22.4



#13

Anthracene

Concen: 0.253 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

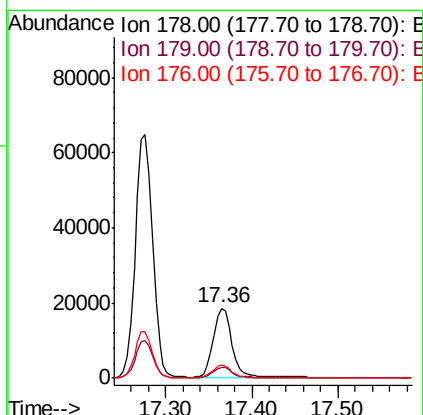
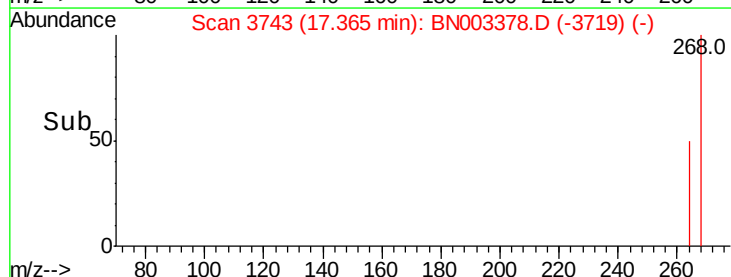
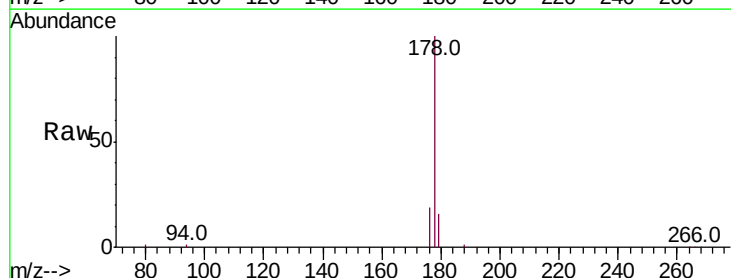
Tgt Ion:178 Resp: 27393

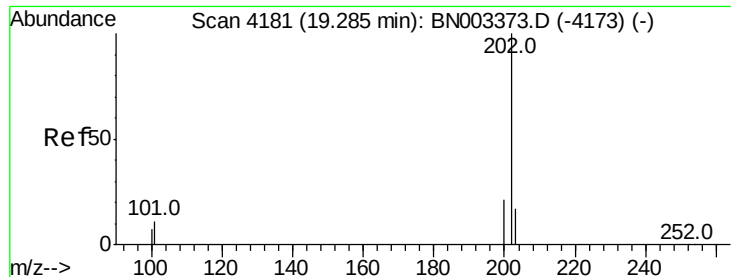
Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

176 18.8 14.7 22.1

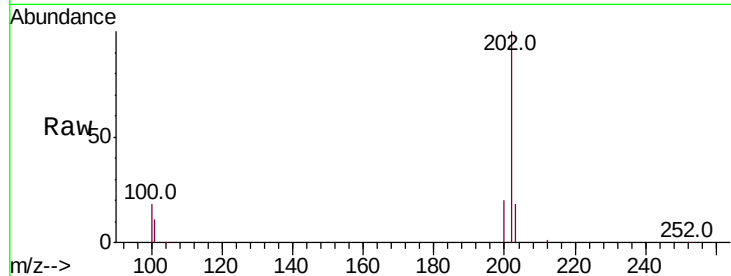




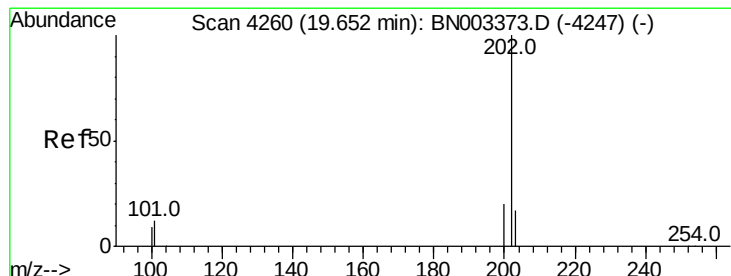
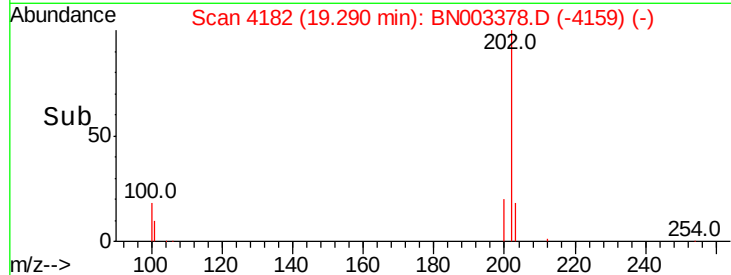
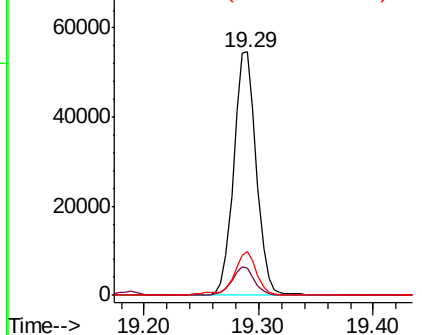
#15
 Fluoranthene
 Concen: 0.500 ng/ul
 RT: 19.29 min Scan# 4182
 Delta R.T. 0.00 min
 Lab File: BN003378.D
 Acq: 01 Nov 2018 14:51

Instrument :
 BNA_N
 ClientSampleId :
 A40D8

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
100	17.9	0.0	28.0

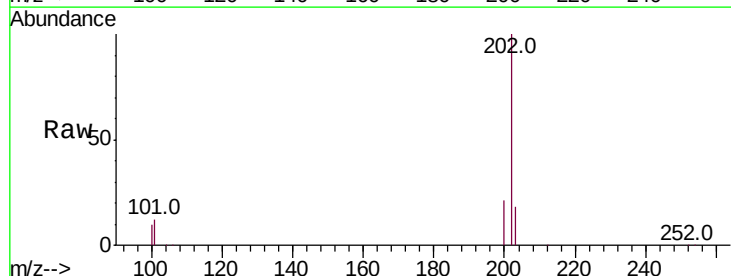


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

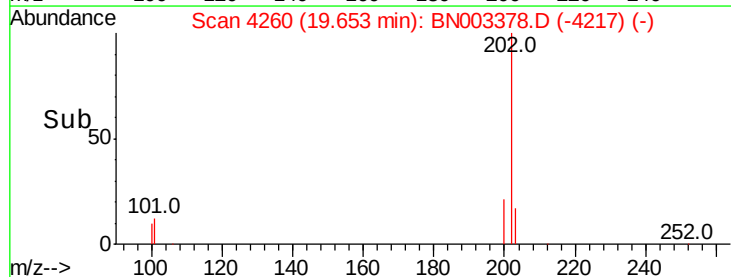
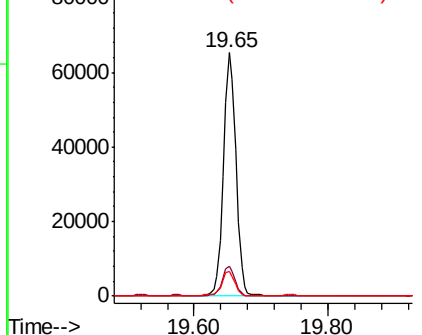


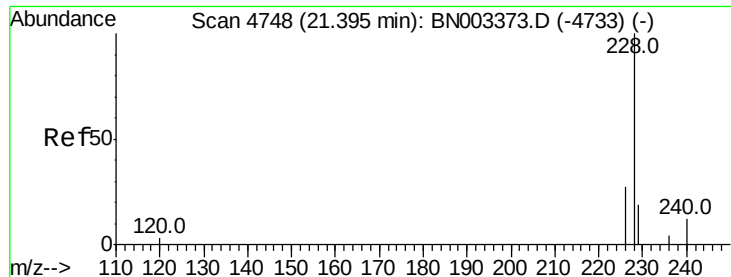
#17
 Pyrene
 Concen: 0.589 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: BN003378.D
 Acq: 01 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.5	14.3
100	10.0	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: 0.831 ng/ul

RT: 21.40 min Scan# 4749

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

Instrument :

BNA_N

ClientSampleId :

A40D8

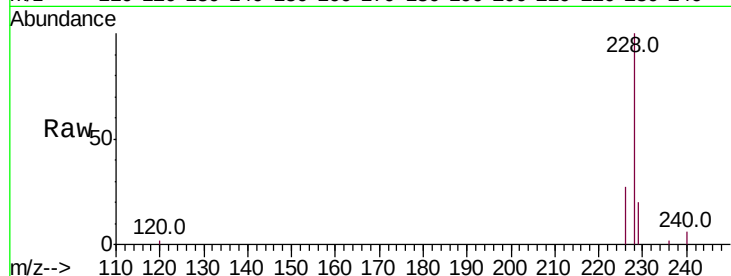
Tot Ion:228 Resp: 102304

Ion Ratio Lower Upper

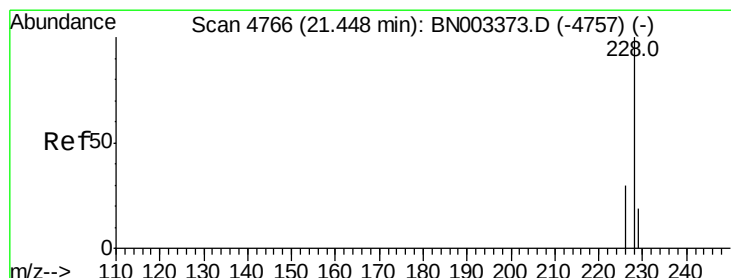
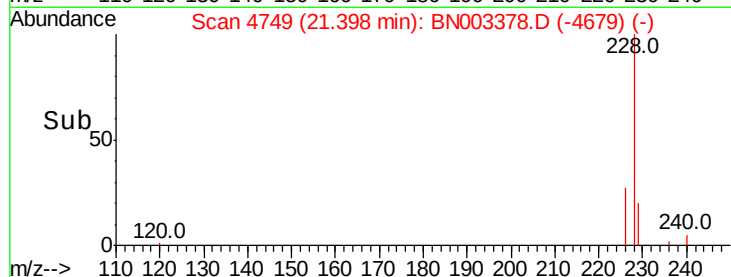
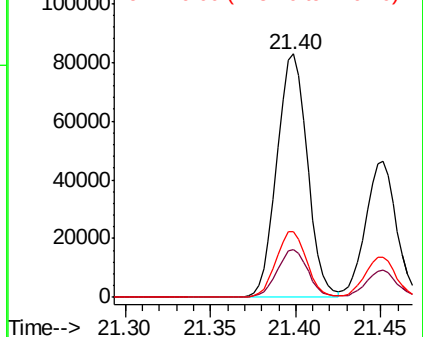
228 100

229 19.8 15.5 23.3

226 26.8 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: 0.416 ng/ul

RT: 21.45 min Scan# 4767

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

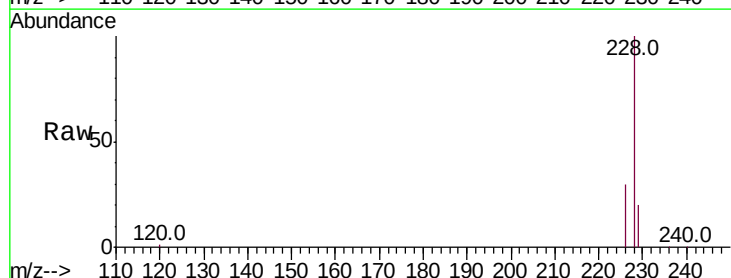
Tgt Ion:228 Resp: 58211

Ion Ratio Lower Upper

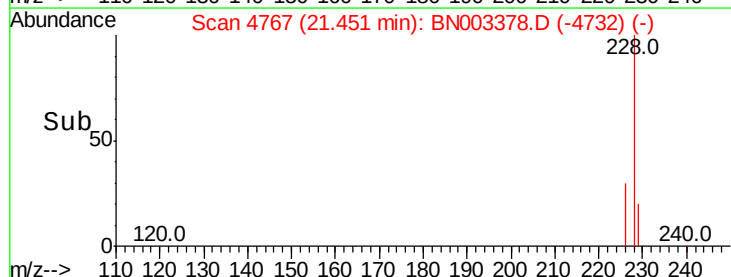
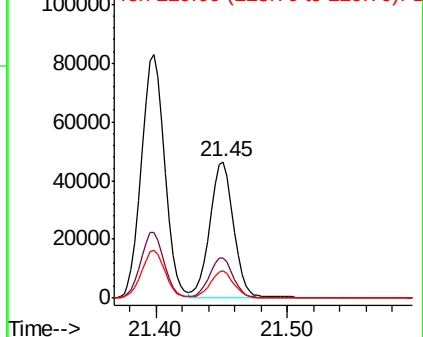
228 100

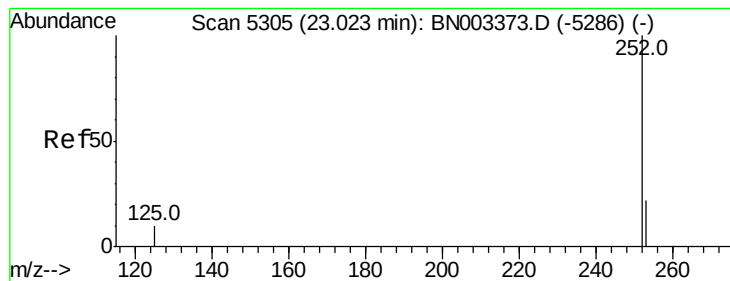
226 29.9 23.8 35.6

229 19.7 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: 0.332 ng/ul

RT: 23.03 min Scan# 5306

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

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BNA_N

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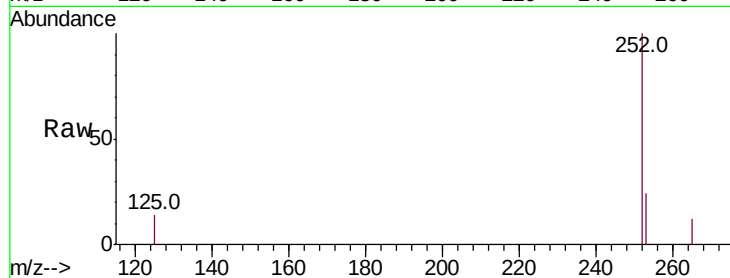
Tot Ion:252 Resp: 44687

Ion Ratio Lower Upper

252 100

253 24.2 0.0 45.6

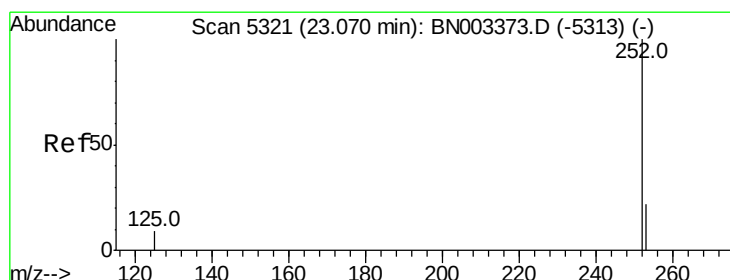
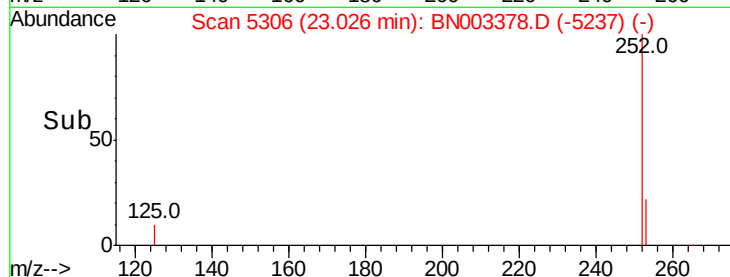
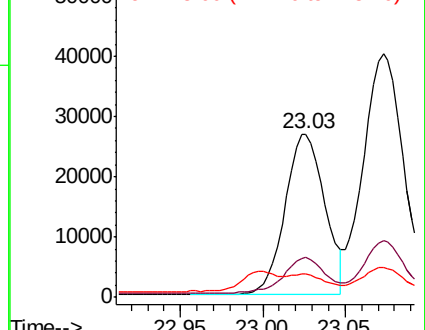
125 14.1 0.0 21.8



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: 0.534 ng/ul

RT: 23.07 min Scan# 5322

Delta R.T. 0.00 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

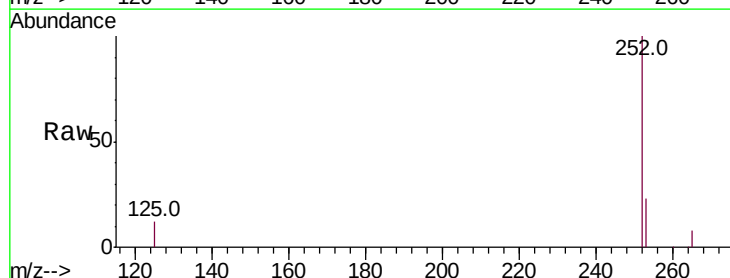
Tgt Ion:252 Resp: 69553

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

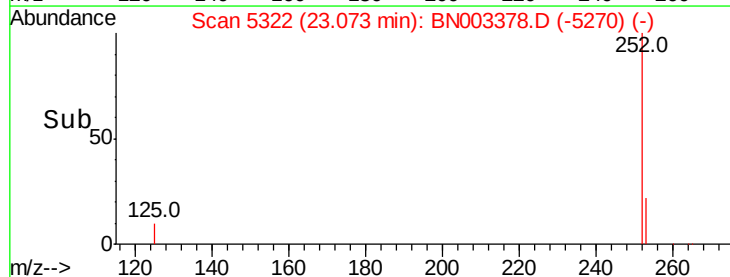
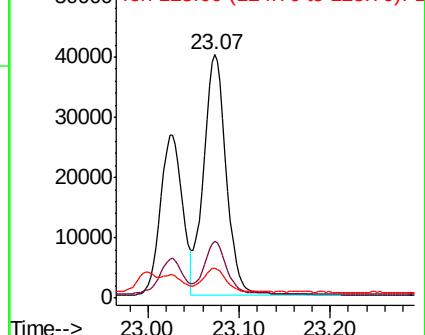
125 12.3 8.6 13.0

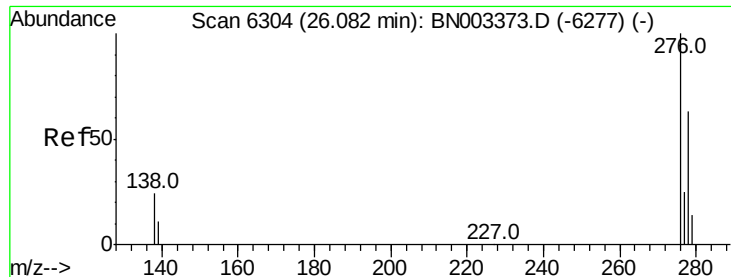


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



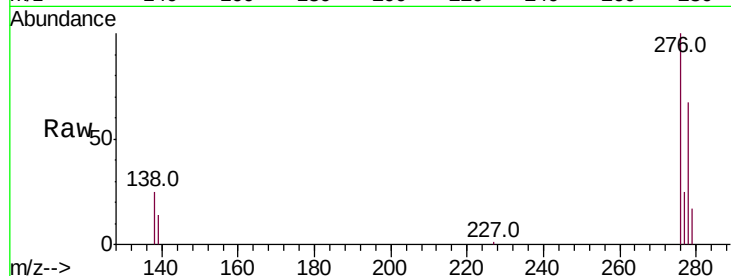


#24

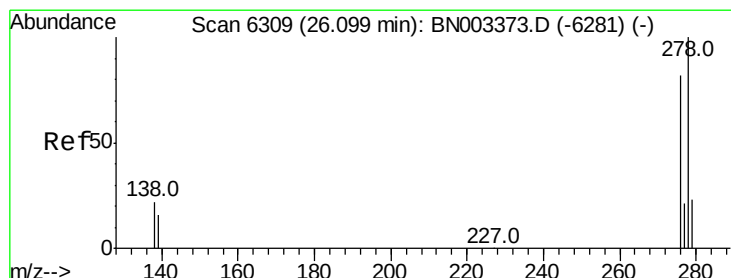
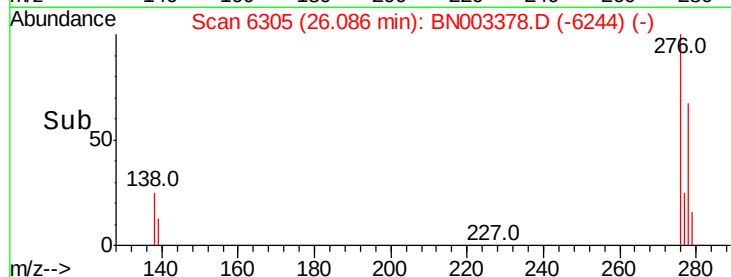
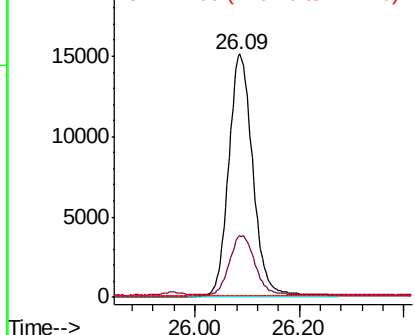
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. 0.00 min
Lab File: BN003378.D
Acq: 01 Nov 2018 14:51

Instrument :
BNA_N
ClientSampleId :
A40D8

Tot Ion:276 Resp: 48287
Ion Ratio Lower Upper
276 100
138 25.8 19.8 29.8
227 0.1 0.2 0.2#



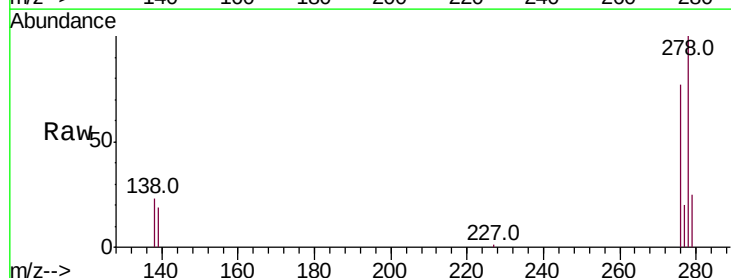
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



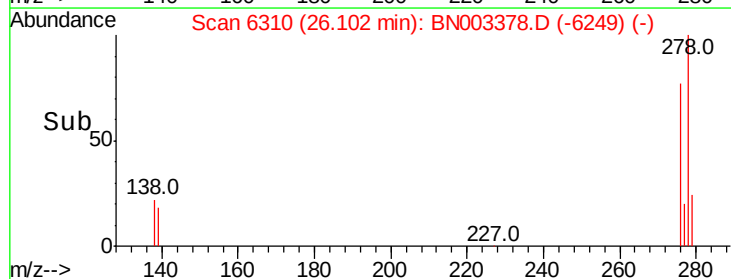
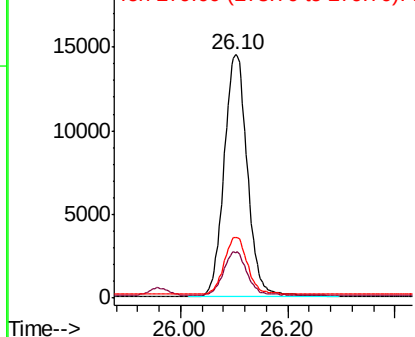
#25

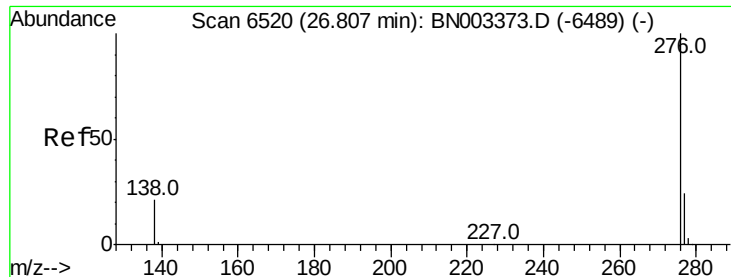
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.10 min Scan# 6310
Delta R.T. 0.00 min
Lab File: BN003378.D
Acq: 01 Nov 2018 14:51

Tgt Ion:278 Resp: 44107
Ion Ratio Lower Upper
278 100
139 18.7 13.1 19.7
279 25.1 19.5 29.3



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





#26

Benzo(a,h,i)perylene

Concen: 0.609 ng/ul

RT: 26.81 min Scan# 6522

Delta R.T. 0.01 min

Lab File: BN003378.D

Acq: 01 Nov 2018 14:51

Instrument :

BNA_N

ClientSampleId :

A40D8

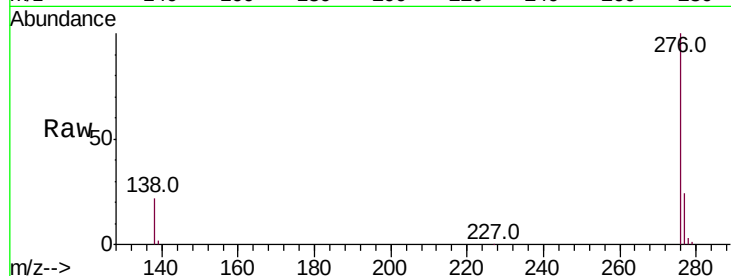
Tot Ion:276 Resp: 62858

Ion Ratio Lower Upper

276 100

138 22.1 17.0 25.6

277 24.1 19.2 28.8



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

