

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112018\
 Data File : BN003626.D
 Acq On : 20 Nov 2018 11:05
 Operator : MJ/SJ
 Sample : J6002-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2E83

Quant Time: Nov 20 11:52:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 20 03:27:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5002	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	20724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	11070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	28028	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	30770	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	30020	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.23	152	8249	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	32334	0.39	ng/ul	0.00

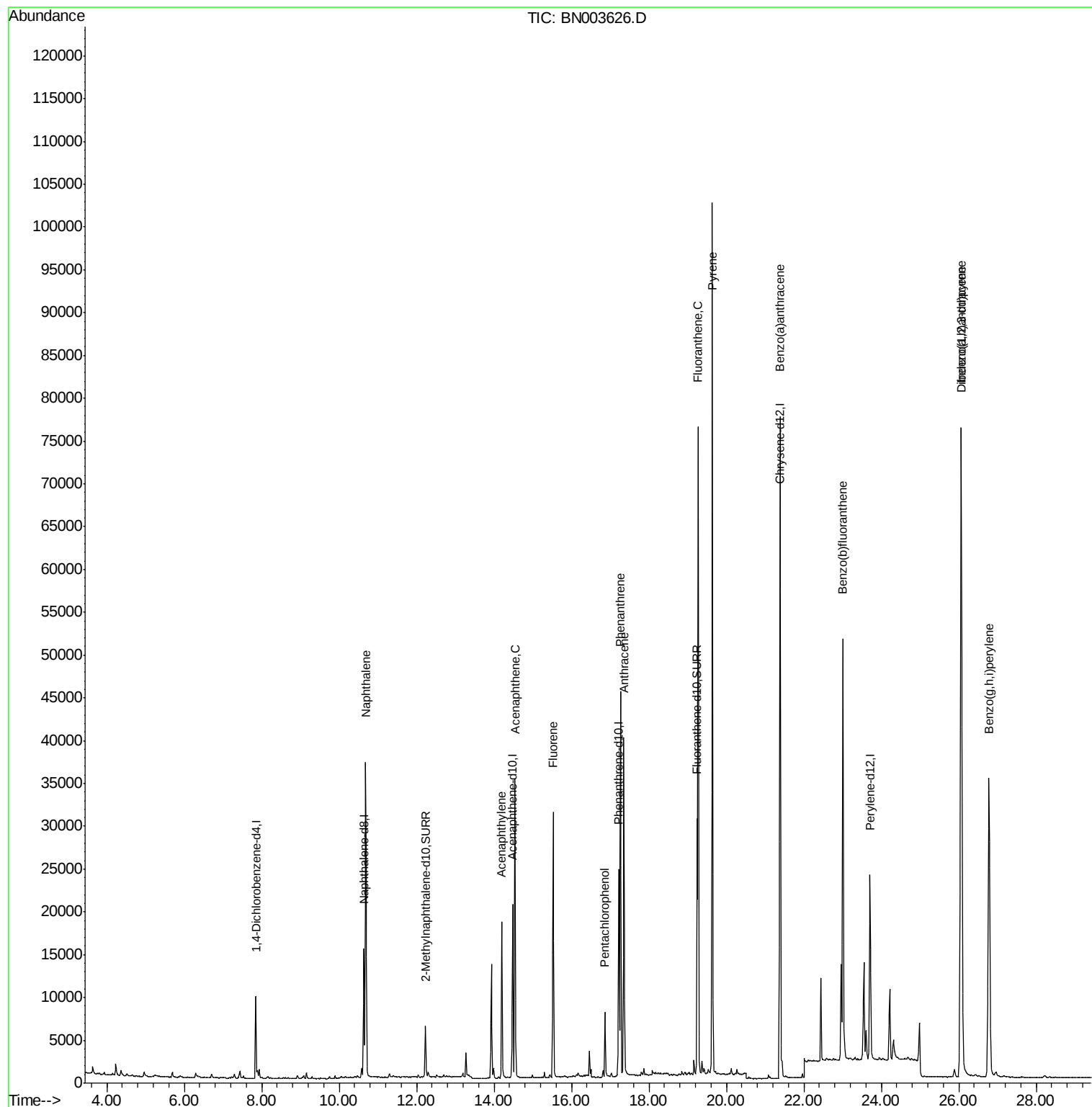
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.69	128	49523	0.851	ng/ul	100
7) Acenaphthylene	14.20	152	22362	0.449	ng/ul	100
8) Acenaphthene	14.54	153	21271	0.487	ng/ul	99
9) Fluorene	15.53	166	20653	0.406	ng/ul	99
11) Pentachlorophenol	16.86	266	5437	1.077	ng/ul	98
12) Phenanthrene	17.26	178	47477	0.516	ng/ul	100
13) Anthracene	17.35	178	42648	0.564	ng/ul	100
15) Fluoranthene	19.27	202	62998	0.580	ng/ul	95
17) Pyrene	19.64	202	83628	0.758	ng/ul	99
18) Benzo(a)anthracene	21.38	228	62781	0.646	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	65793	0.530	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	89995	0.730	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	69719	0.702	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	76088	0.710	ng/ul	99

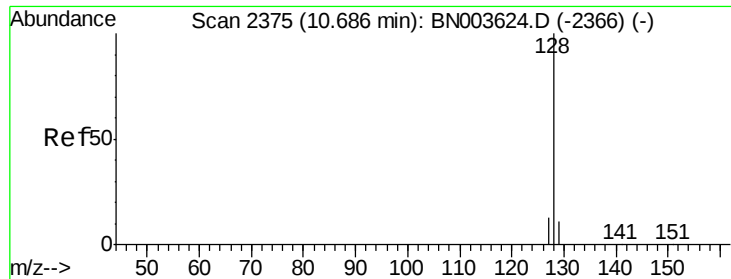
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.851 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

Instrument :

BNA_N

ClientSampleId :

X2E83

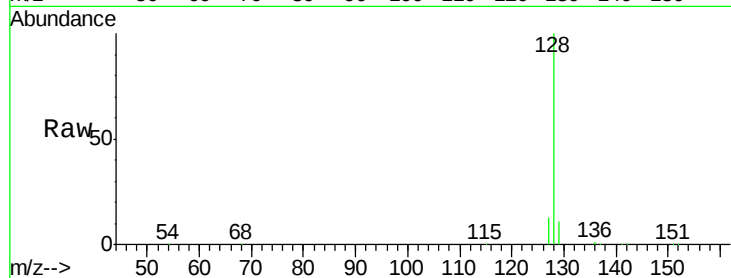
Tgt Ion:128 Resp: 49523

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

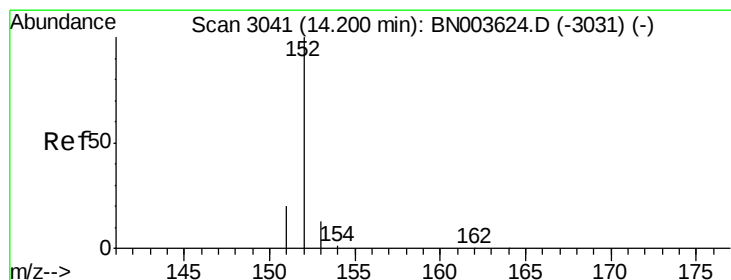
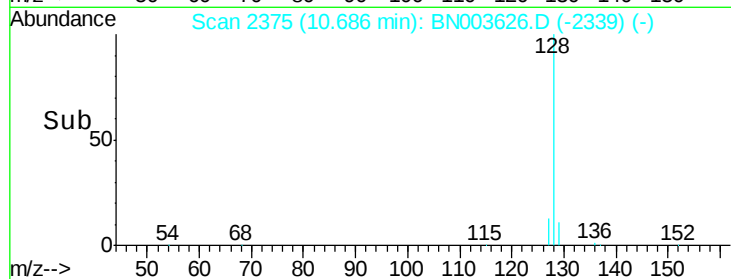
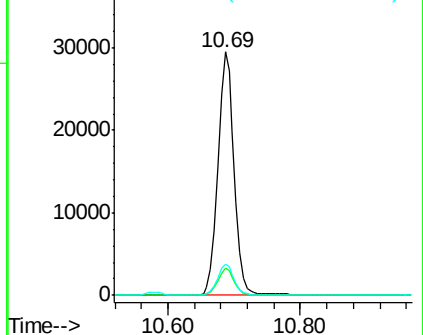
127 13.0 10.5 15.7



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



#7

Acenaphthylene

Concen: 0.449 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

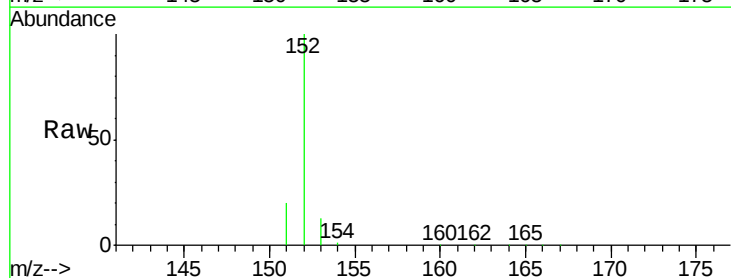
Tgt Ion:152 Resp: 22362

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

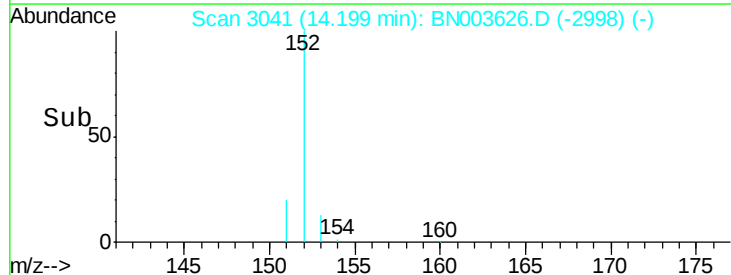
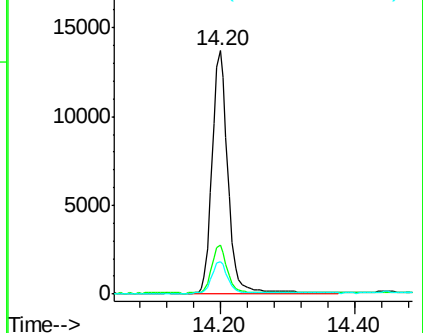
153 13.5 10.7 16.1

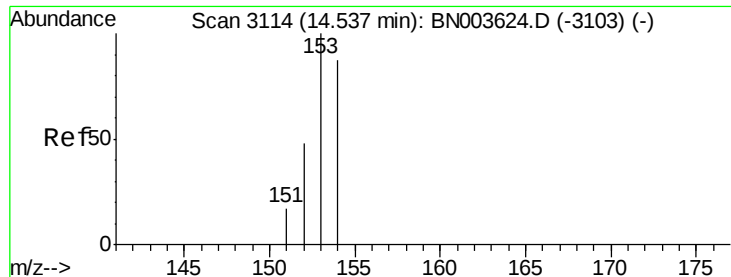


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.487 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

Instrument :

BNA_N

ClientSampleId :

X2E83

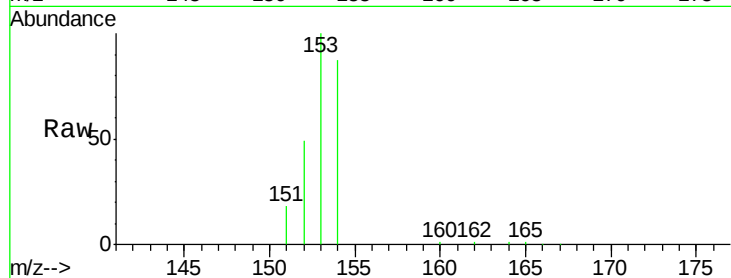
Tgt Ion:153 Resp: 21271

Ion Ratio Lower Upper

153 100

152 48.8 39.3 58.9

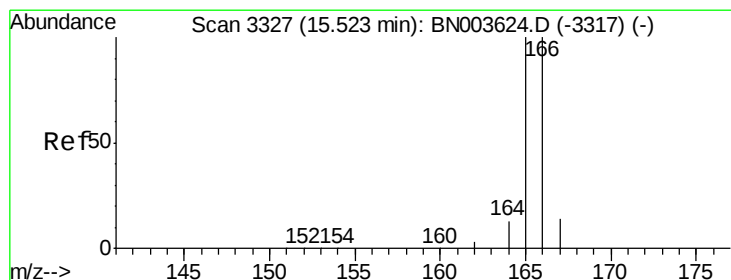
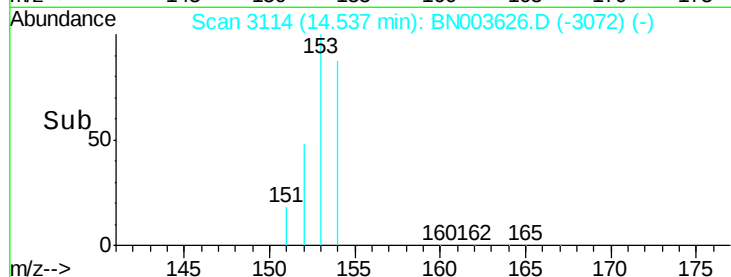
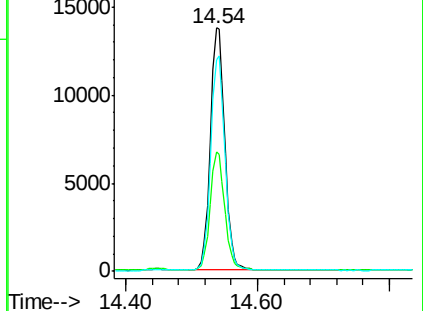
154 86.7 70.3 105.5



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



#9

Fluorene

Concen: 0.406 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

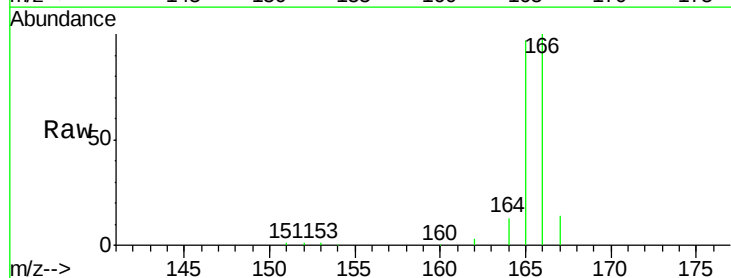
Tgt Ion:166 Resp: 20653

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

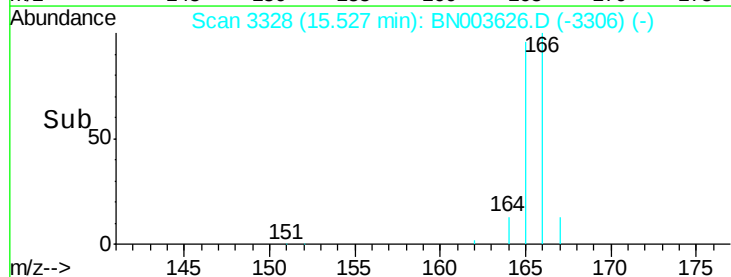
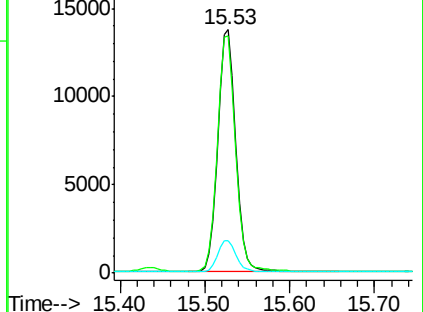
167 13.6 11.3 16.9

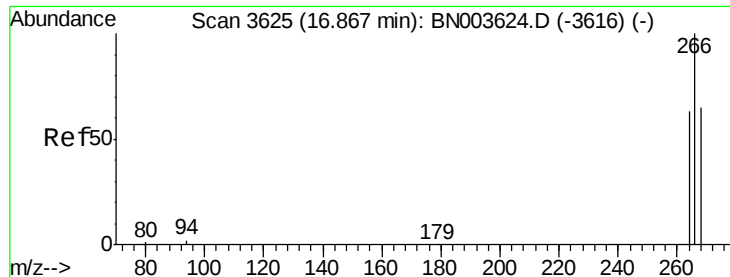


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

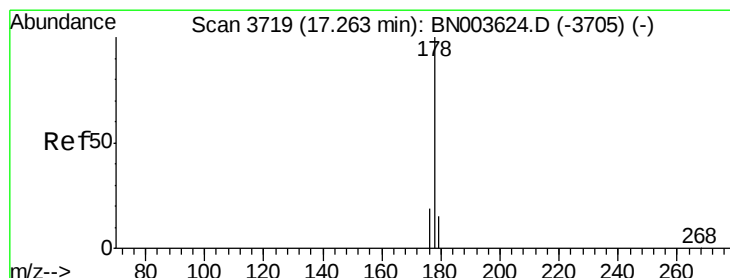
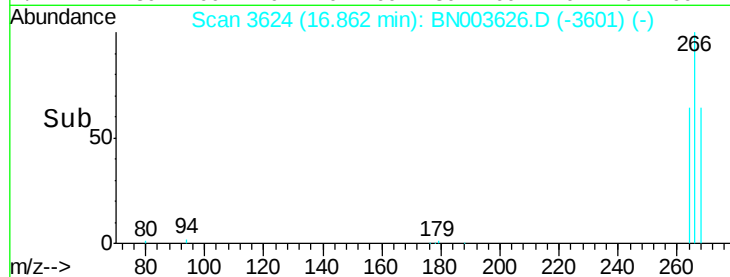
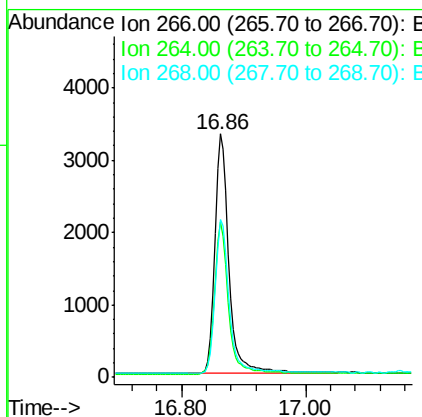
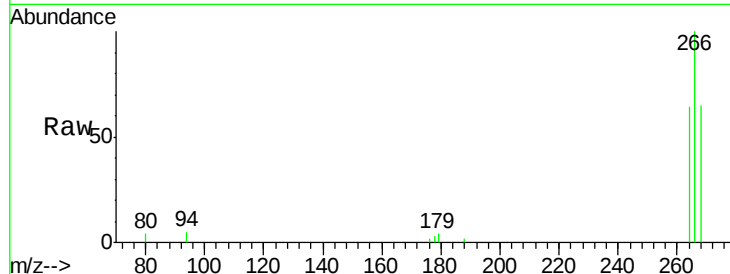




#11
 Pentachlorophenol
 Concen: 1.077 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: BN003626.D
 Acq: 20 Nov 2018 11:05

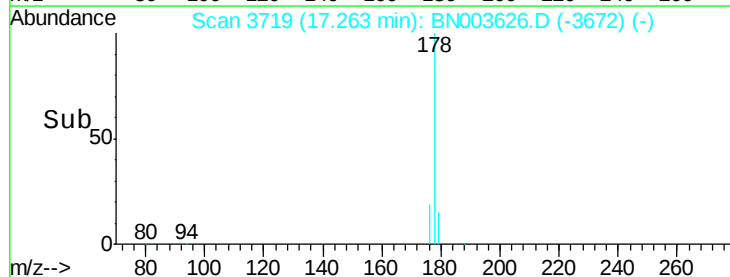
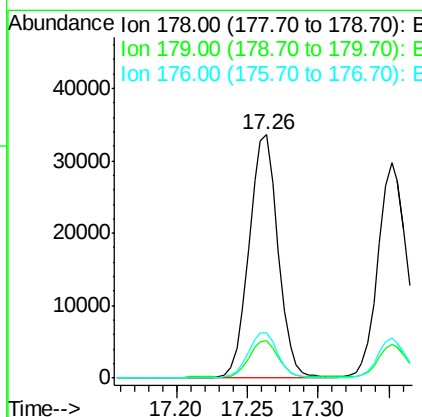
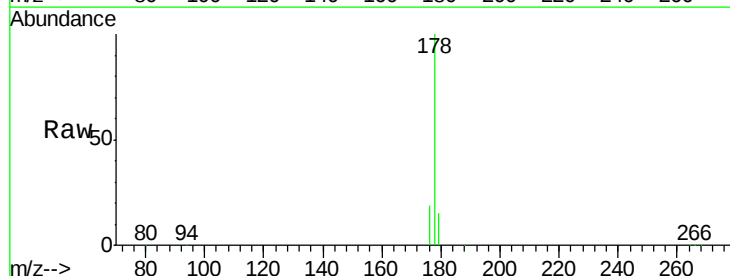
Instrument :
 BNA_N
 ClientSampleId :
 X2E83

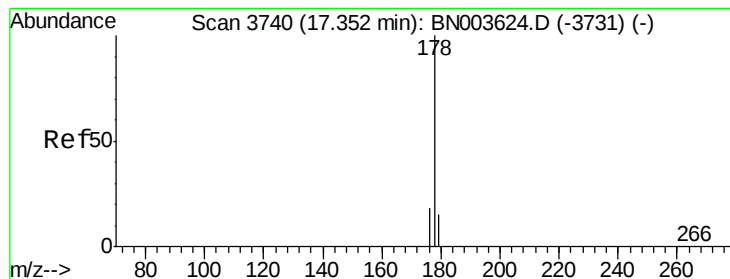
Tgt Ion: 266 Resp: 5437
 Ion Ratio Lower Upper
 266 100
 264 64.1 49.4 74.2
 268 63.7 51.7 77.5



#12
 Phenanthrene
 Concen: 0.516 ng/ul
 RT: 17.26 min Scan# 3719
 Delta R.T. -0.00 min
 Lab File: BN003626.D
 Acq: 20 Nov 2018 11:05

Tgt Ion: 178 Resp: 47477
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 18.7 15.0 22.4





#13

Anthracene

Concen: 0.564 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

Instrument :

BNA_N

ClientSampleId :

X2E83

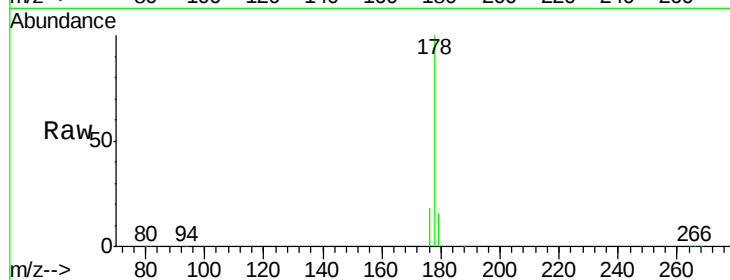
Tgt Ion:178 Resp: 42648

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

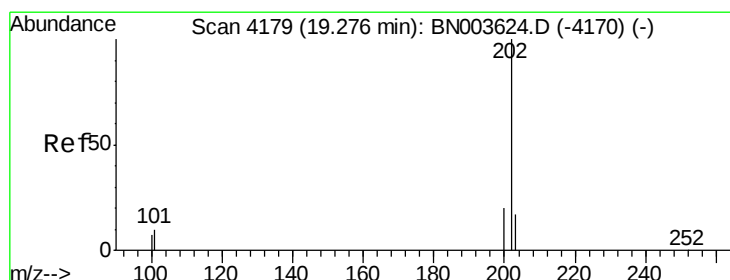
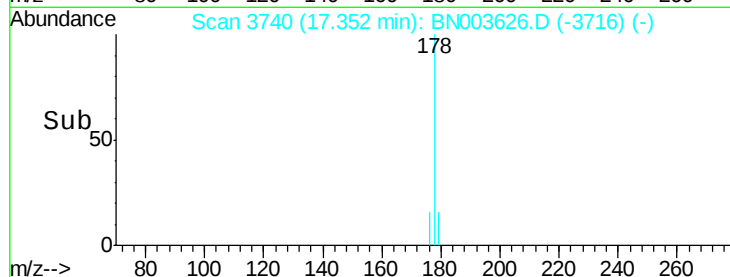
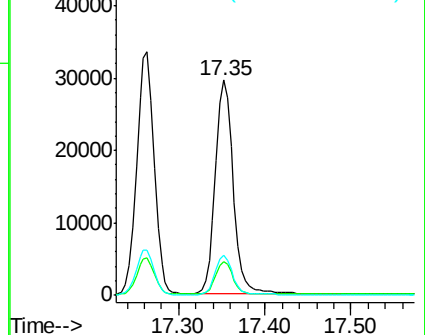
176 18.5 14.8 22.2



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: 0.580 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

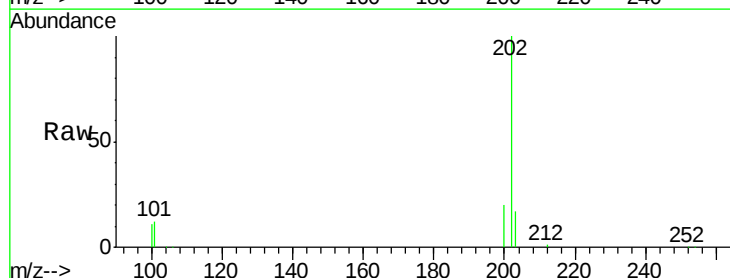
Tgt Ion:202 Resp: 62998

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

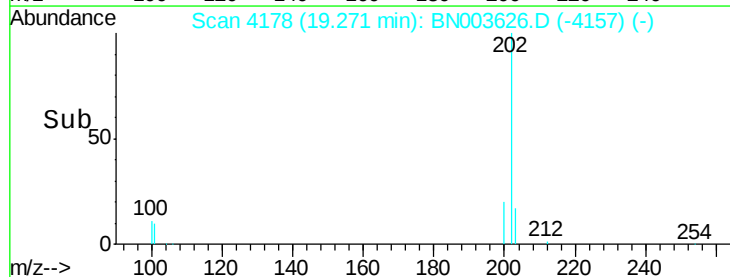
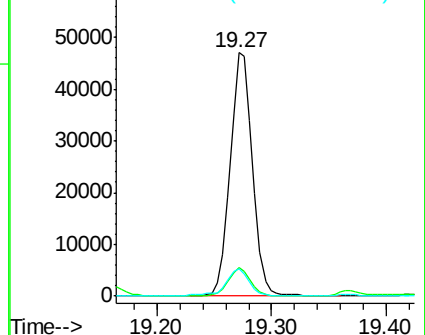
100 11.2 0.0 28.1

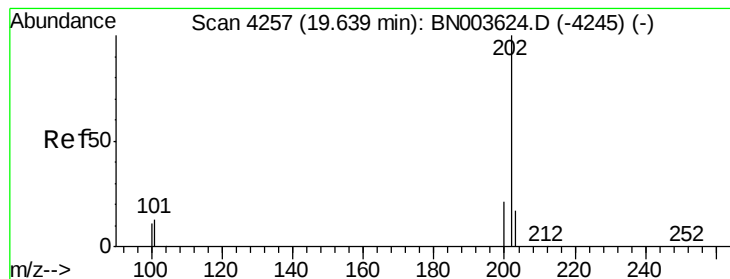


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.758 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

Instrument :

BNA_N

ClientSampleId :

X2E83

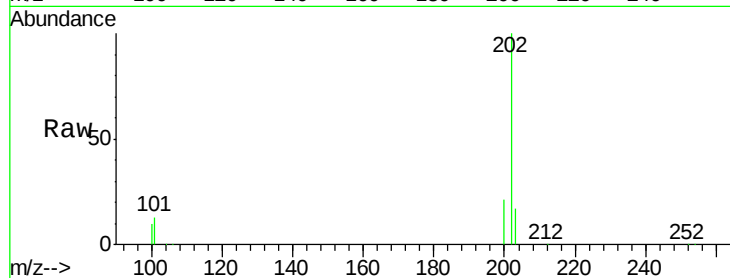
Tgt Ion:202 Resp: 83628

Ion Ratio Lower Upper

202 100

101 12.6 10.3 15.5

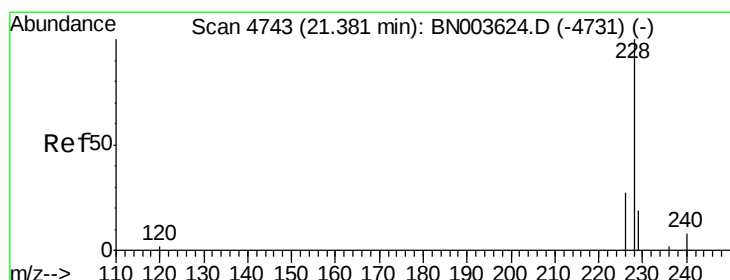
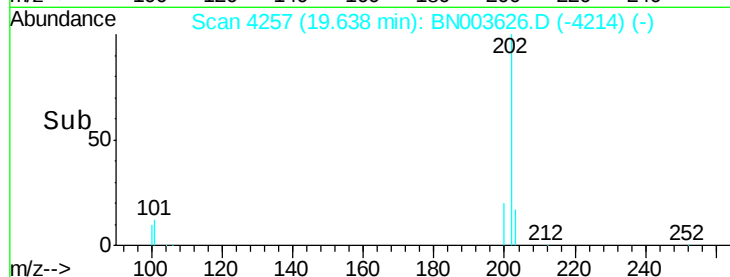
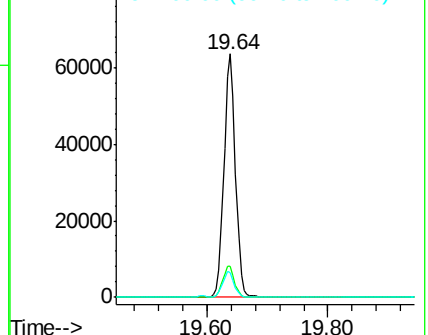
100 10.0 8.5 12.7



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: 0.646 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

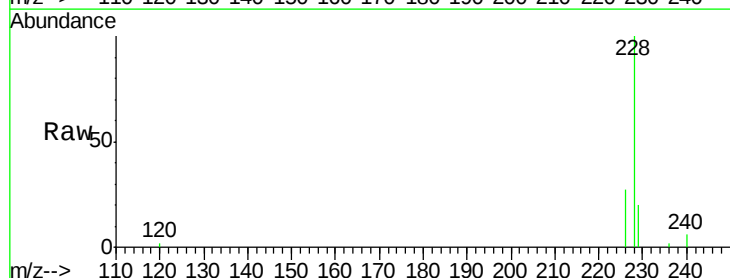
Tgt Ion:228 Resp: 62781

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

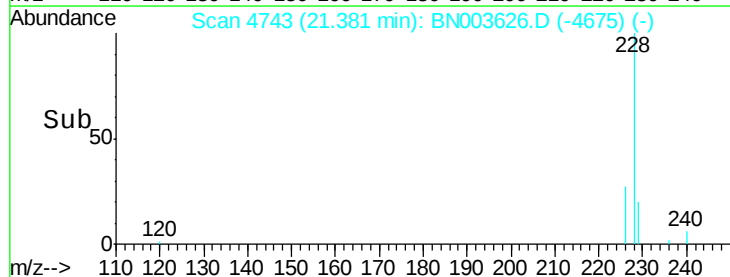
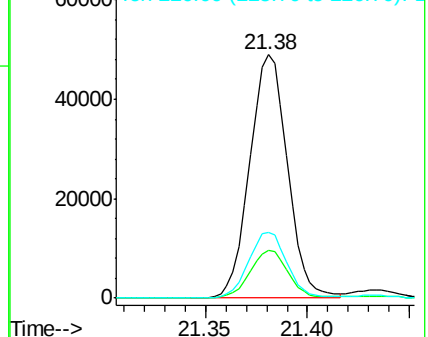
226 26.9 21.1 31.7

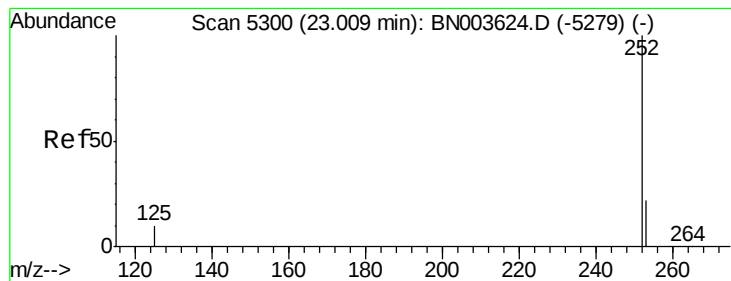


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Benzo(b)fluoranthene

Concen: 0.530 ng/u1

RT: 23.01 min Scan# 5299

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

Instrument :

BNA_N

ClientSampleId :

X2E83

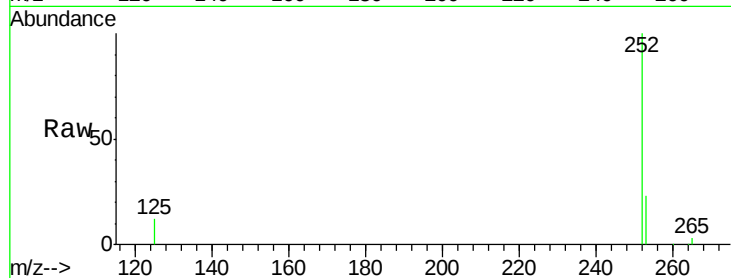
Tgt Ion:252 Resp: 65793

Ion Ratio Lower Upper

252 100

253 22.7 0.0 46.0

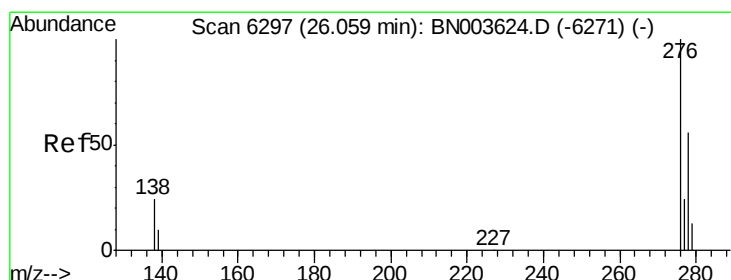
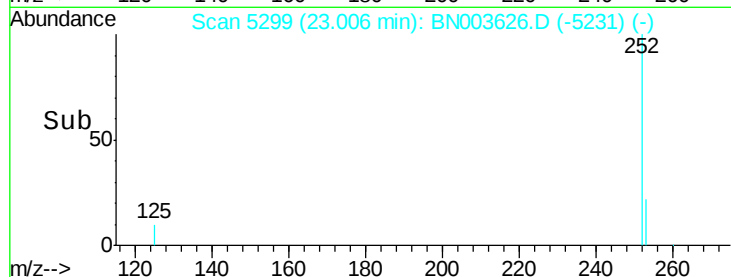
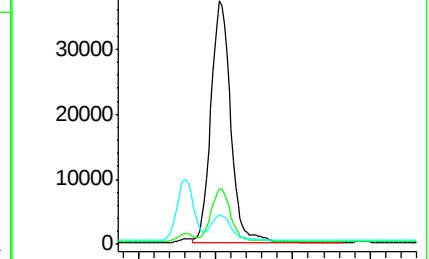
125 12.1 0.0 22.4



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: 0.730 ng/u1

RT: 26.06 min Scan# 6297

Delta R.T. -0.00 min

Lab File: BN003626.D

Acq: 20 Nov 2018 11:05

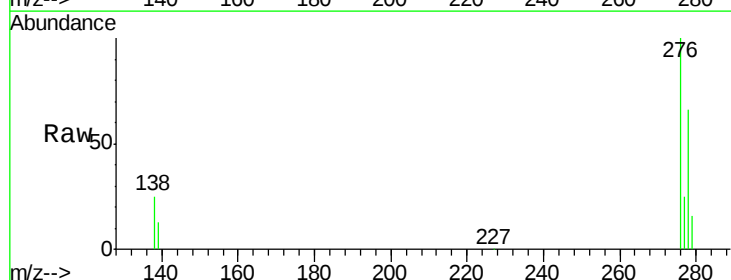
Tgt Ion:276 Resp: 89995

Ion Ratio Lower Upper

276 100

138 25.0 20.3 30.5

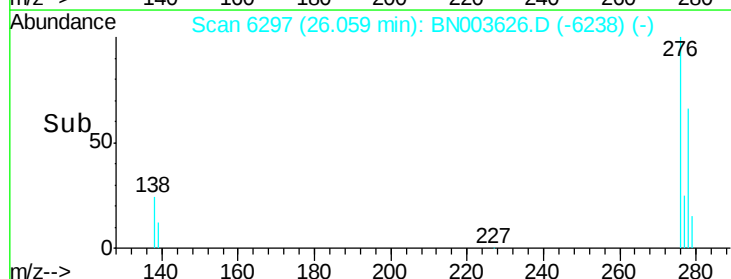
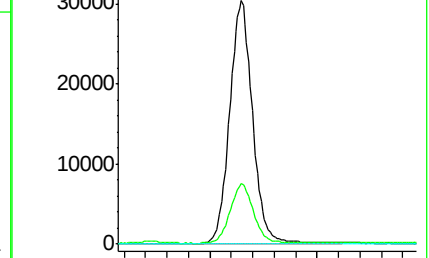
227 0.2 0.2 0.2

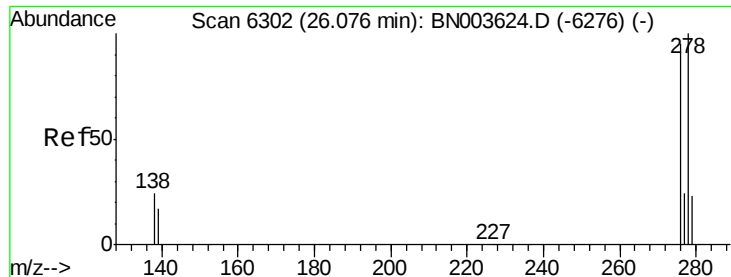


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



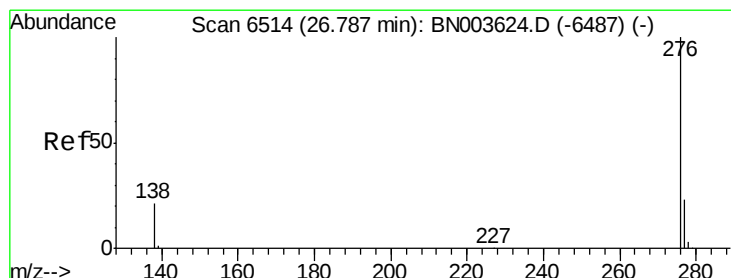
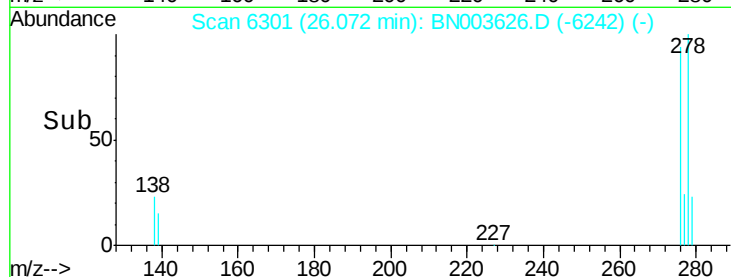
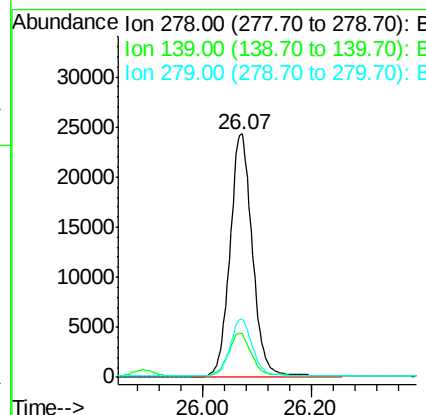
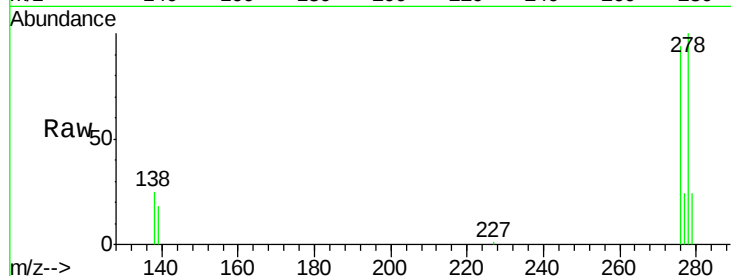


#25
Dibenzo(a,h)anthracene
Concen: 0.702 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.00 min
Lab File: BN003626.D
Acq: 20 Nov 2018 11:05

Instrument :
BNA_N
ClientSampleId :
X2E83

Tgt Ion: 278 Resp: 69719

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	23.9	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.710 ng/ul
RT: 26.78 min Scan# 6513
Delta R.T. -0.00 min
Lab File: BN003626.D
Acq: 20 Nov 2018 11:05

Tgt Ion: 276 Resp: 76088

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.7	26.5
277	23.8	19.3	28.9

