

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000389.D
 Acq On : 14 Mar 2018 23:43
 Operator : JU/SJ
 Sample : J1866-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:08:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

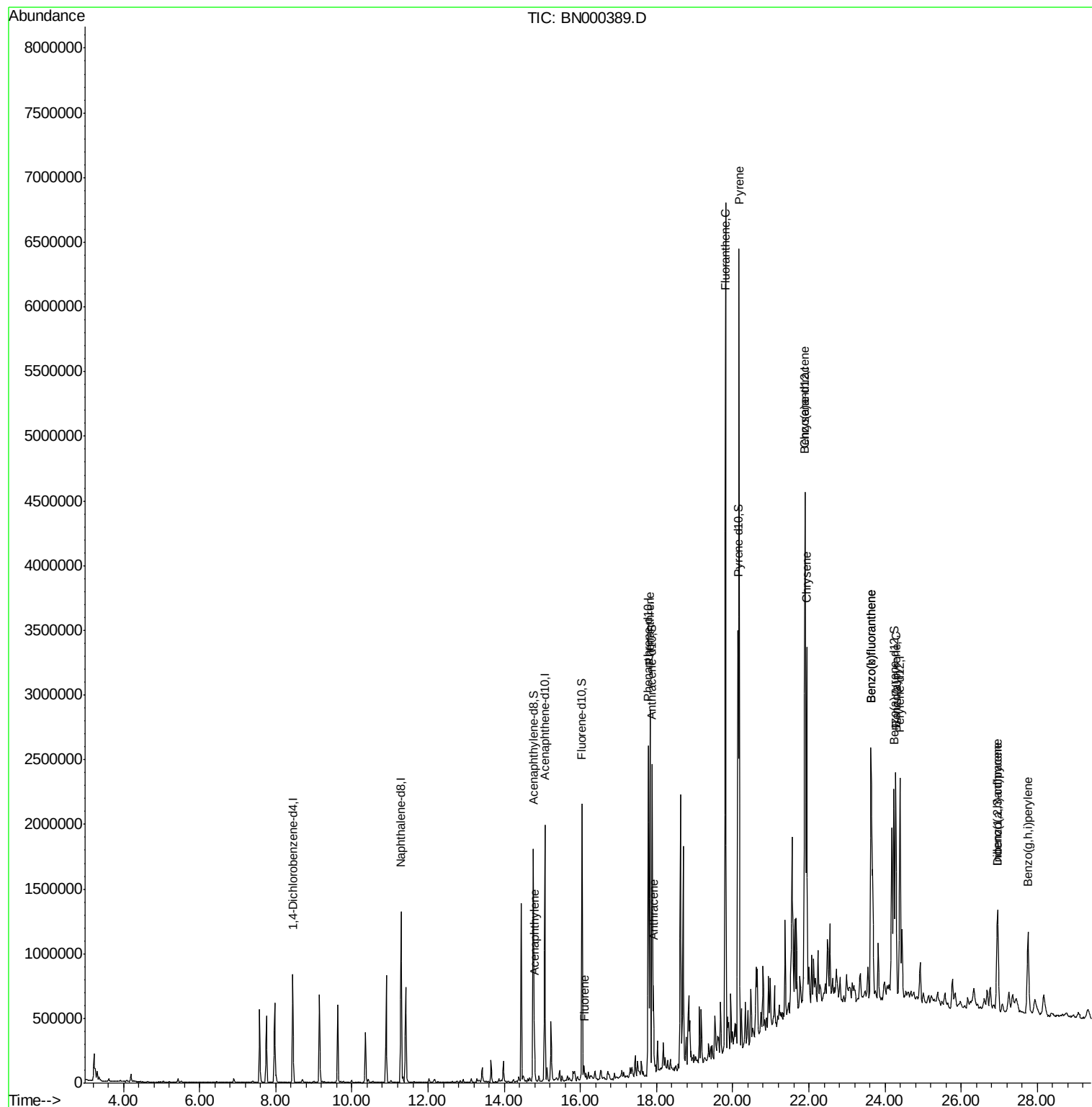
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	229237	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1117361	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	636823	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1415705	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1305677	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1223235	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1228918	19.44	ng/ul	0.00
10) Fluorene-d10	16.04	176	816880	19.09	ng/ul	0.00
14) Anthracene-d10	17.88	188	1271277	19.22	ng/ul	0.00
18) Pyrene-d10	20.14	212	1389269	21.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1087908	19.48	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	292816	4.610	ng/ul	98
11) Fluorene	16.10	166	51424	1.055	ng/ul	93
13) Phenanthrene	17.83	178	1582215	19.488	ng/ul	99
15) Anthracene	17.92	178	391318	4.750	ng/ul	99
16) Fluoranthene	19.81	202	3681001	41.962	ng/ul#	93
19) Pyrene	20.17	202	3338616	40.500	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	1461294	18.003	ng/ul	97
21) Chrysene	21.95	228	1345989	17.474	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	1709084	23.431	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	1835981	26.890	ng/ul#	96
26) Benzo(a)pyrene	24.29	252	1203998	17.343	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	757602	10.121	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.96	278	180742	2.946	ng/ul#	81
29) Benzo(a,h,i)perylene	27.76	276	751145	12.019	ng/ul#	90

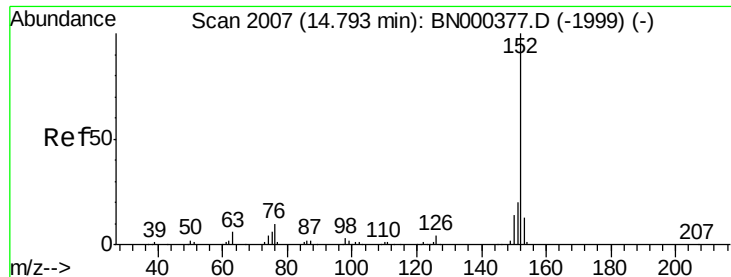
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 4.610 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

Instrument :

BNA_N

ClientSampleId :

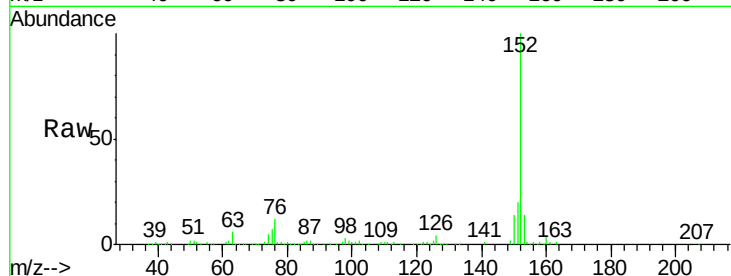
Tot Ion:152 Resp: 292816

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

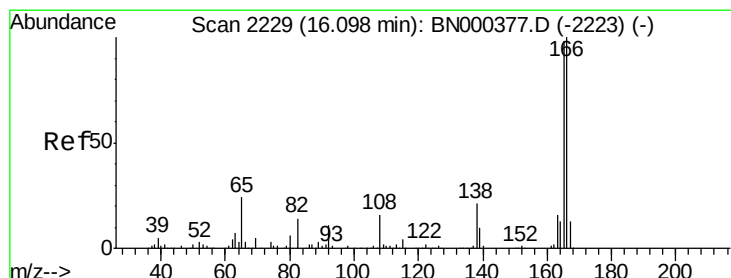
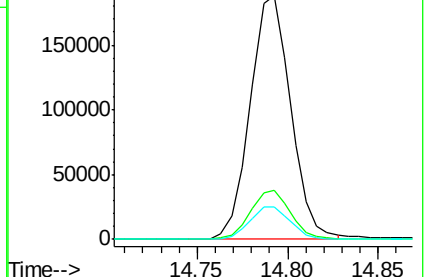
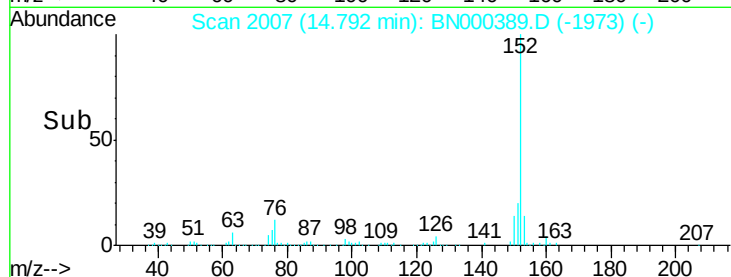
153 13.5 10.2 15.4



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



#11

Fluorene

Concen: 1.055 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

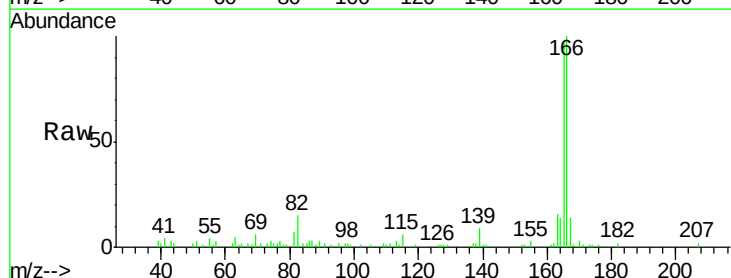
Tgt Ion:166 Resp: 51424

Ion Ratio Lower Upper

166 100

165 97.1 83.8 125.8

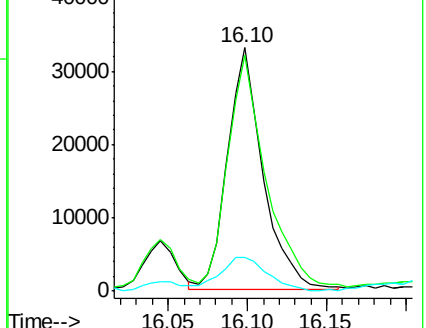
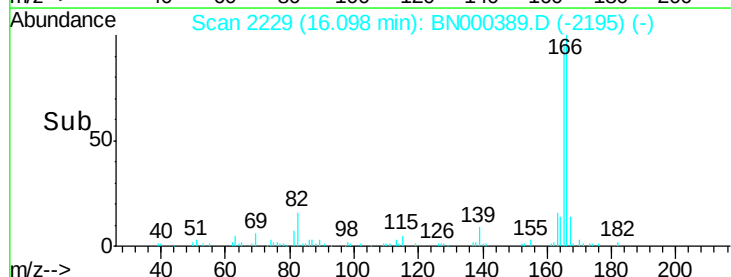
167 14.0 11.5 17.3

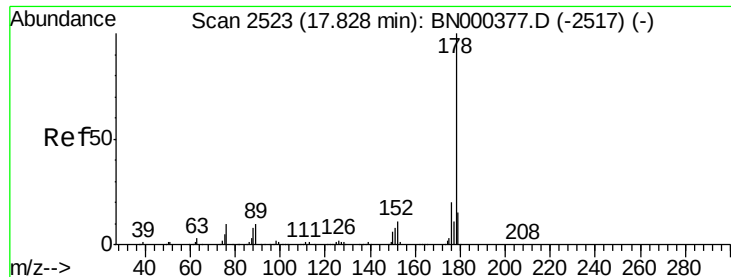


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 19.488 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

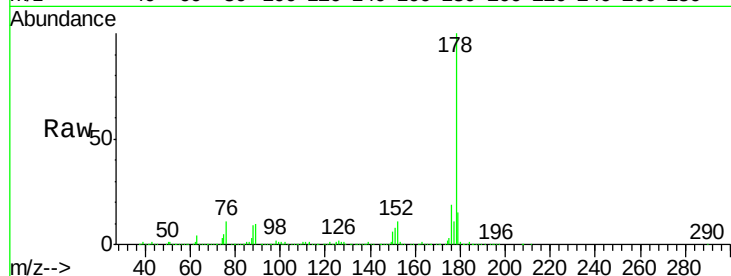
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 1582215

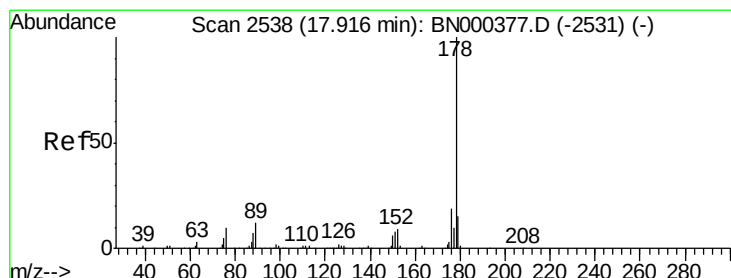
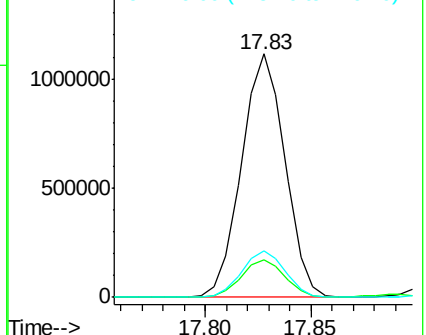
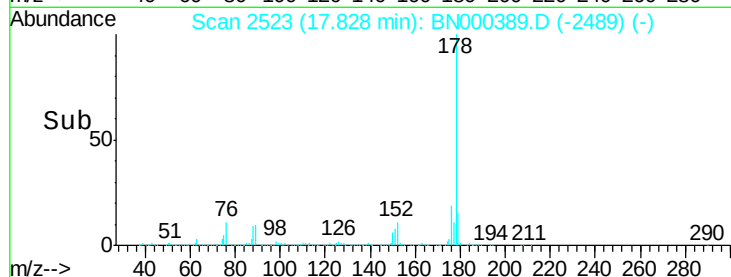
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7



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

Anthracene

Concen: 4.750 ng/ul

RT: 17.92 min Scan# 2538

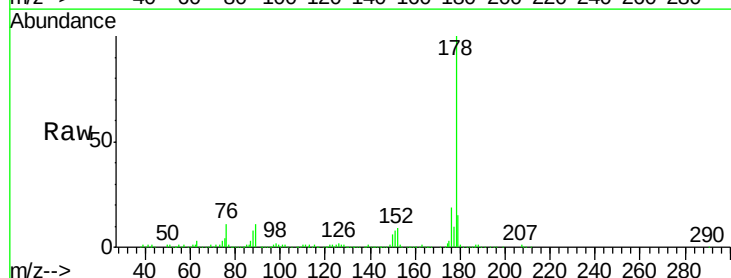
Delta R.T. -0.00 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

Tgt Ion:178 Resp: 391318

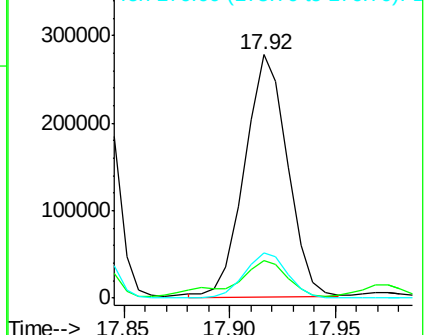
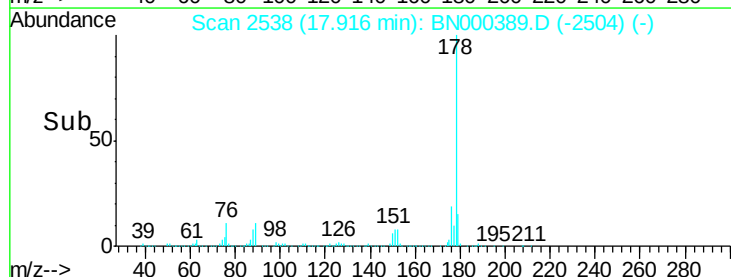
Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.7	15.2	22.8

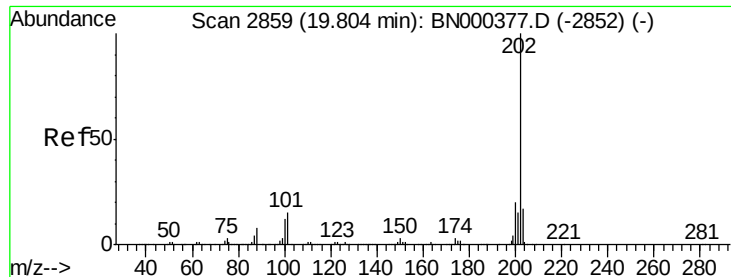


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

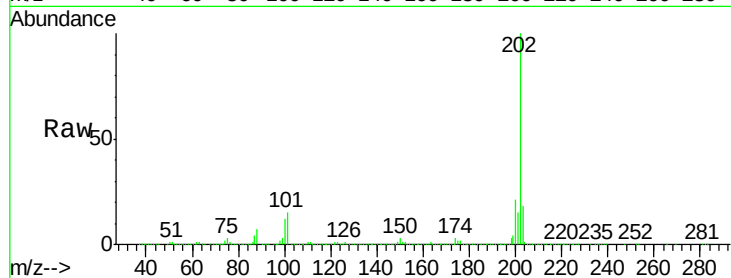




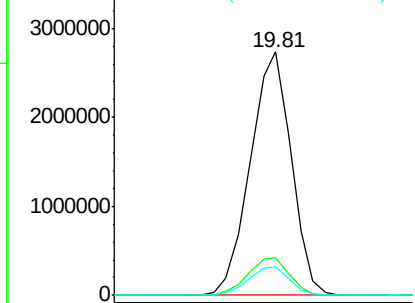
#16
Fluoranthene
Concen: 41.962 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Instrument :
BNA_N
ClientSampleId :

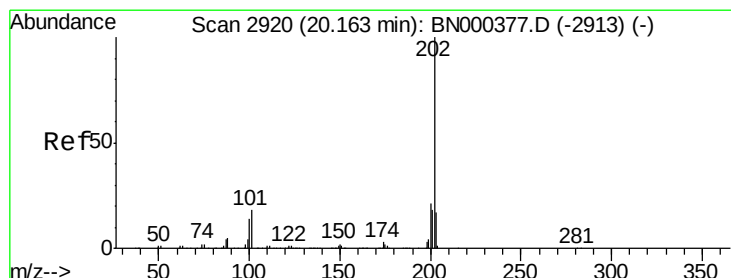
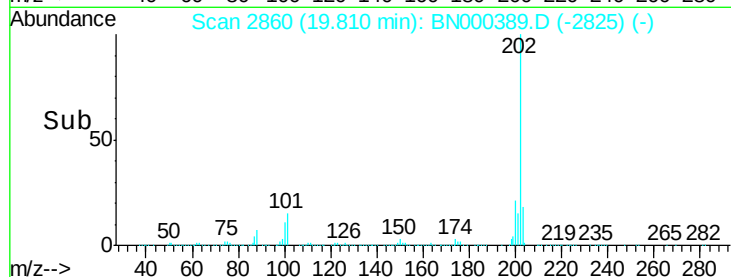
Tot Ion:202 Resp: 3681001
Ion Ratio Lower Upper
202 100
101 15.2 9.9 14.9#
100 11.5 7.4 11.0#



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

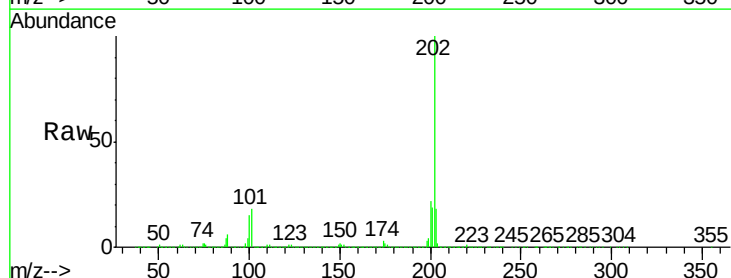


Time-->

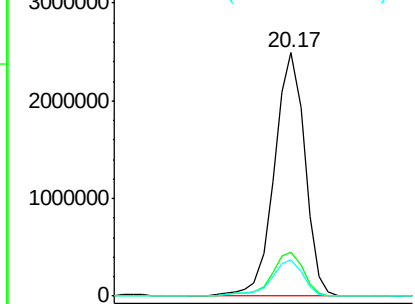


#19
Pyrene
Concen: 40.500 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

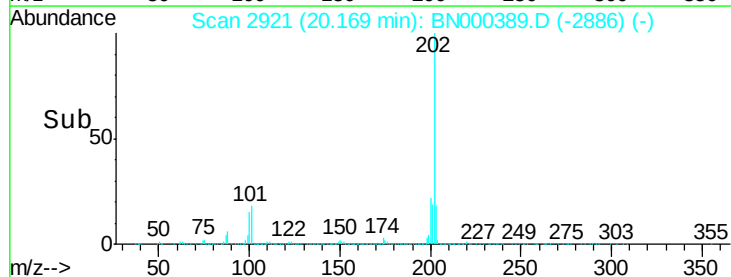
Tgt Ion:202 Resp: 3338616
Ion Ratio Lower Upper
202 100
101 18.3 11.0 16.4#
100 15.0 8.1 12.1#

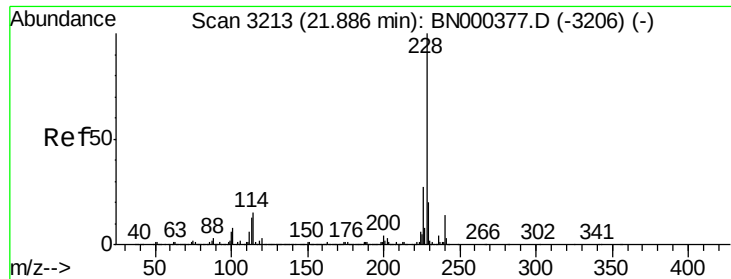


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->

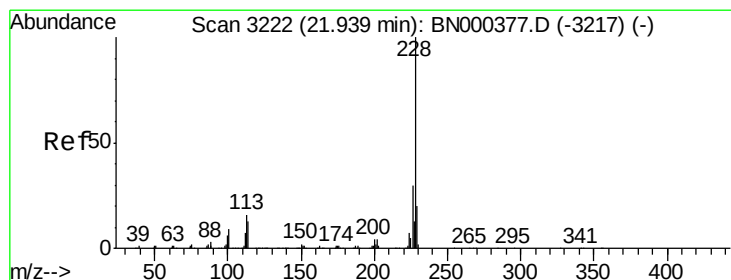
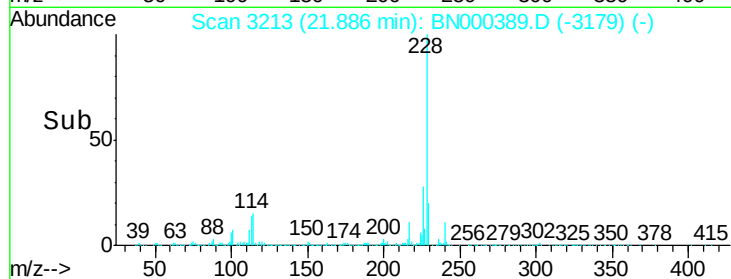
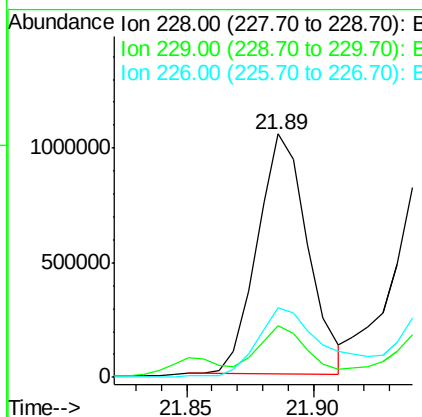
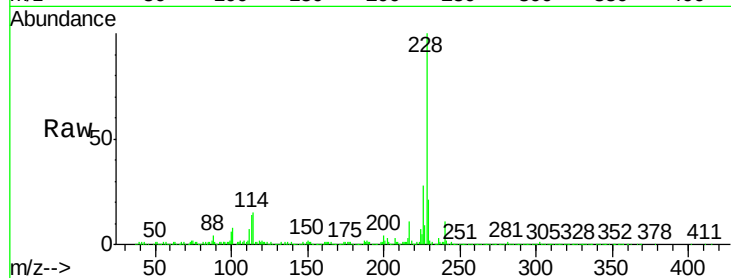




#20
Benzo(a)anthracene
Concen: 18.003 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

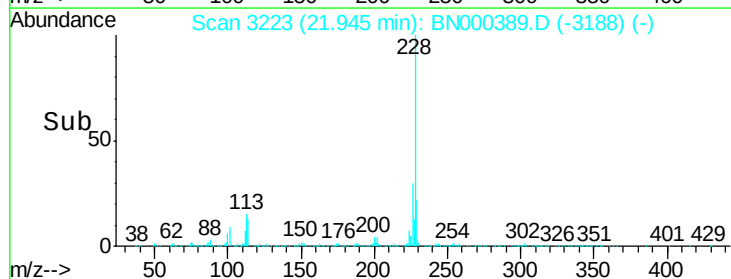
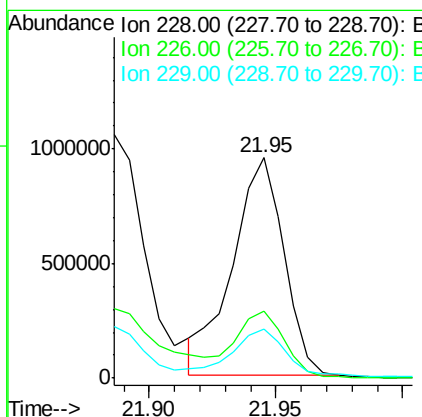
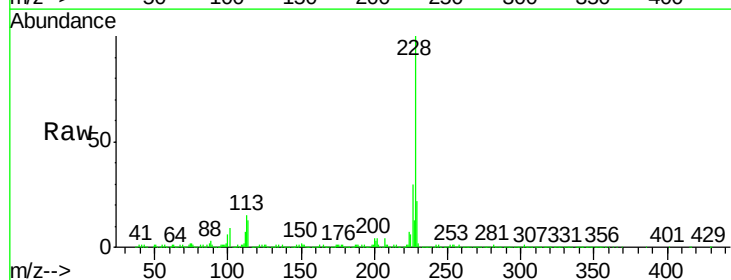
Instrument :
BNA_N
ClientSampled :

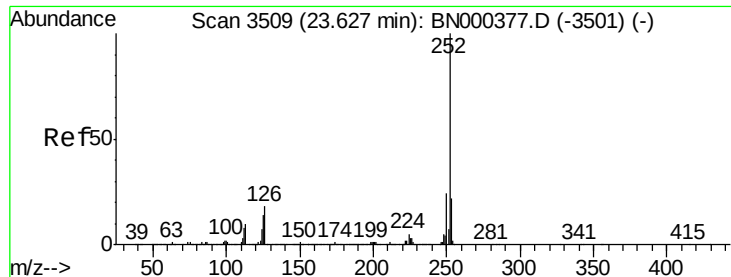
Tot Ion:228 Resp: 1461294
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.3 21.1 31.7



#21
Chrysene
Concen: 17.474 ng/ul
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:228 Resp: 1345989
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.5 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 23.431 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

Instrument :

BNA_N

ClientSampleId :

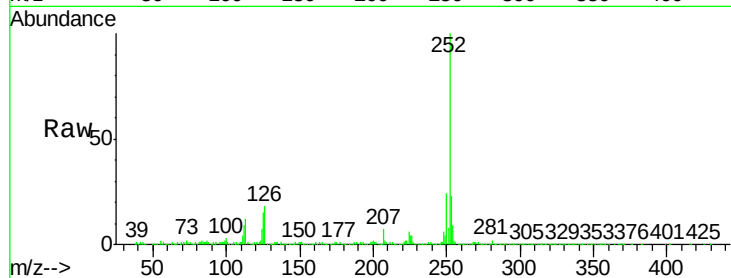
Tot Ion:252 Resp: 1709084

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

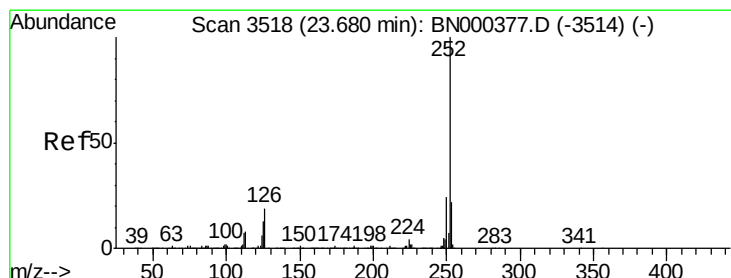
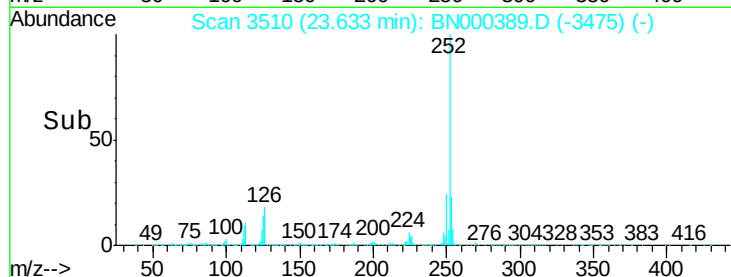
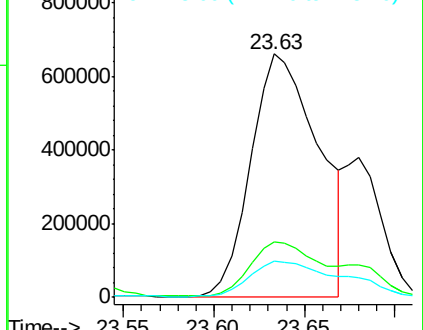
125 14.8 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 26.890 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000389.D

Acq: 14 Mar 2018 23:43

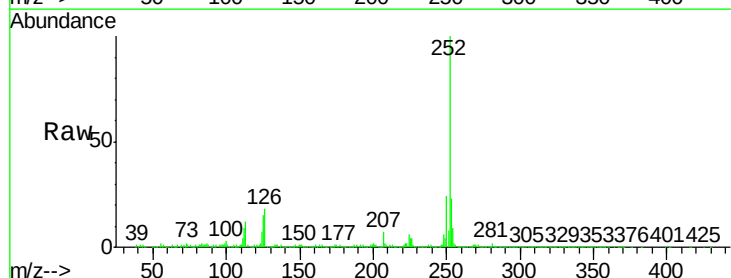
Tgt Ion:252 Resp: 1835981

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

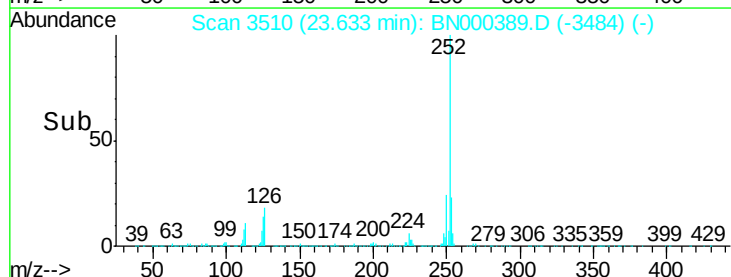
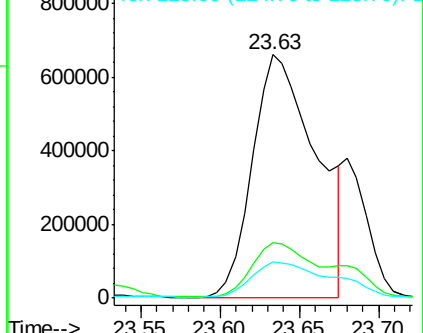
125 14.8 8.1 12.1#

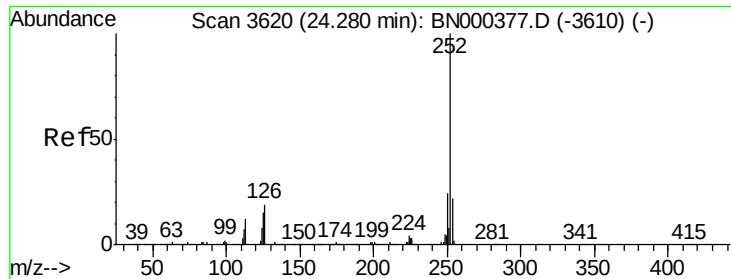


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

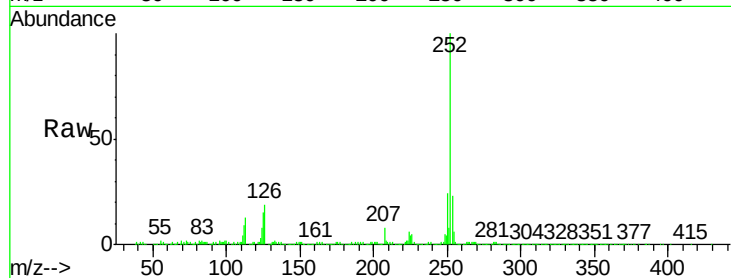




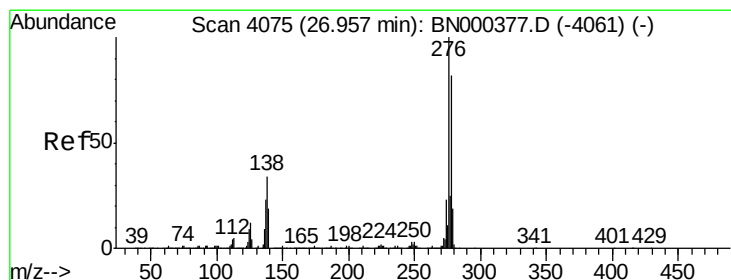
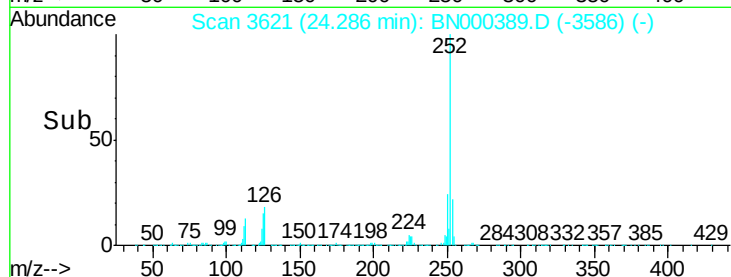
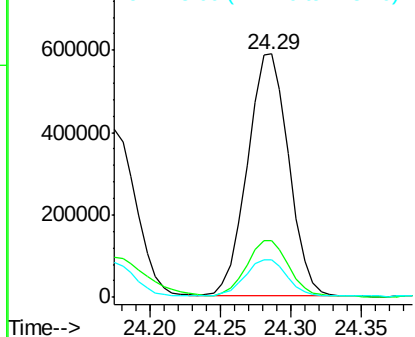
#26
Benzo(a)pyrene
Concen: 17.343 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 1203998
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 15.2 8.2 12.4#

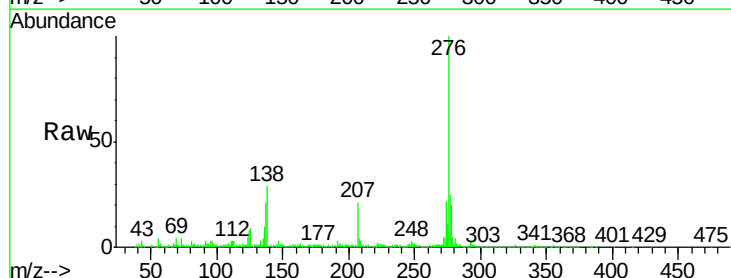


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

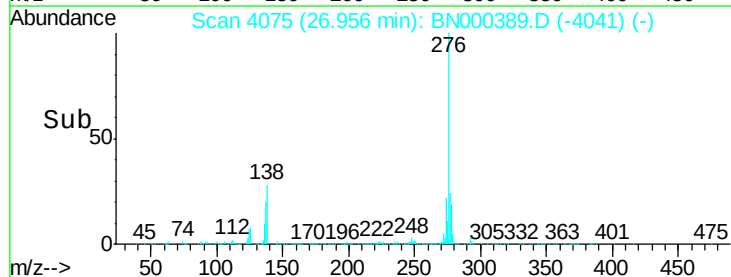
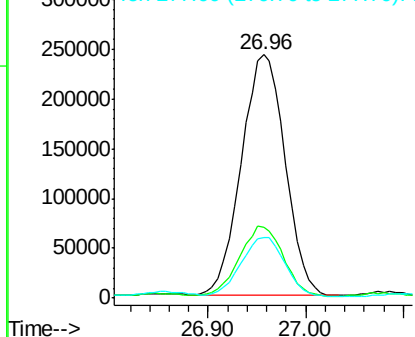


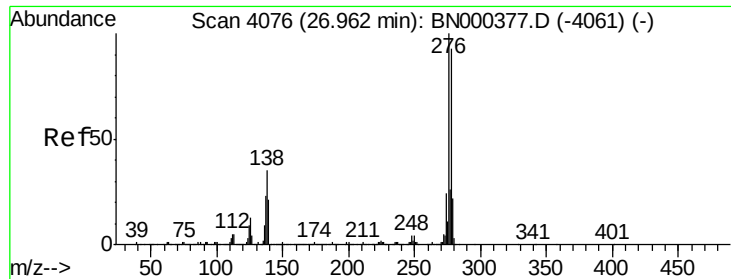
#27
Indeno(1,2,3-cd)pyrene
Concen: 10.121 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:276 Resp: 757602
Ion Ratio Lower Upper
276 100
138 29.0 14.4 21.6#
277 24.8 18.0 27.0



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



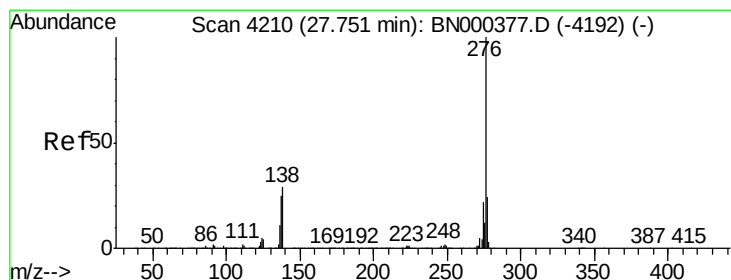
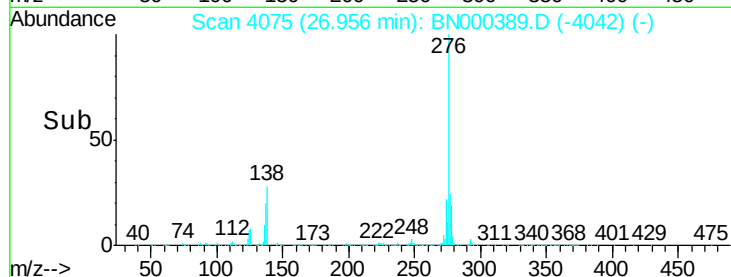
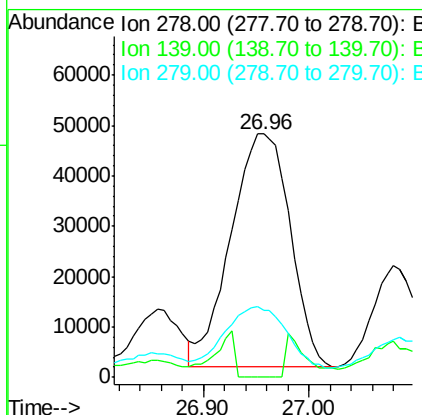
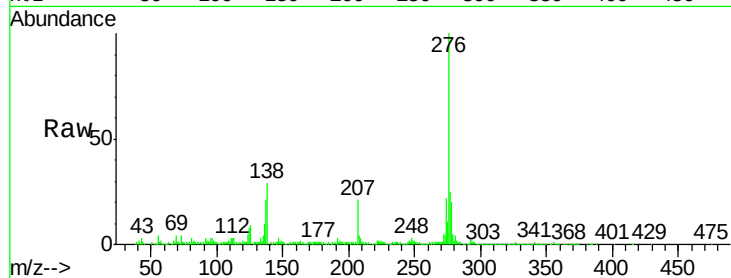


#28

Dibenzo(a,h)anthracene
 Concen: 2.946 ng/ul
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.01 min
 Lab File: BN000389.D
 Acq: 14 Mar 2018 23:43

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 180742
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.2 18.4#
 279 27.7 19.2 28.8



#29

Benzo(g,h,i)perylene
 Concen: 12.019 ng/ul
 RT: 27.76 min Scan# 4211
 Delta R.T. 0.01 min
 Lab File: BN000389.D
 Acq: 14 Mar 2018 23:43

Tgt Ion:276 Resp: 751145
 Ion Ratio Lower Upper
 276 100
 138 28.9 15.3 22.9#
 277 24.2 19.0 28.4

