

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000379.D
 Acq On : 14 Mar 2018 17:57
 Operator : JU/SJ
 Sample : J1866-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:06:18 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

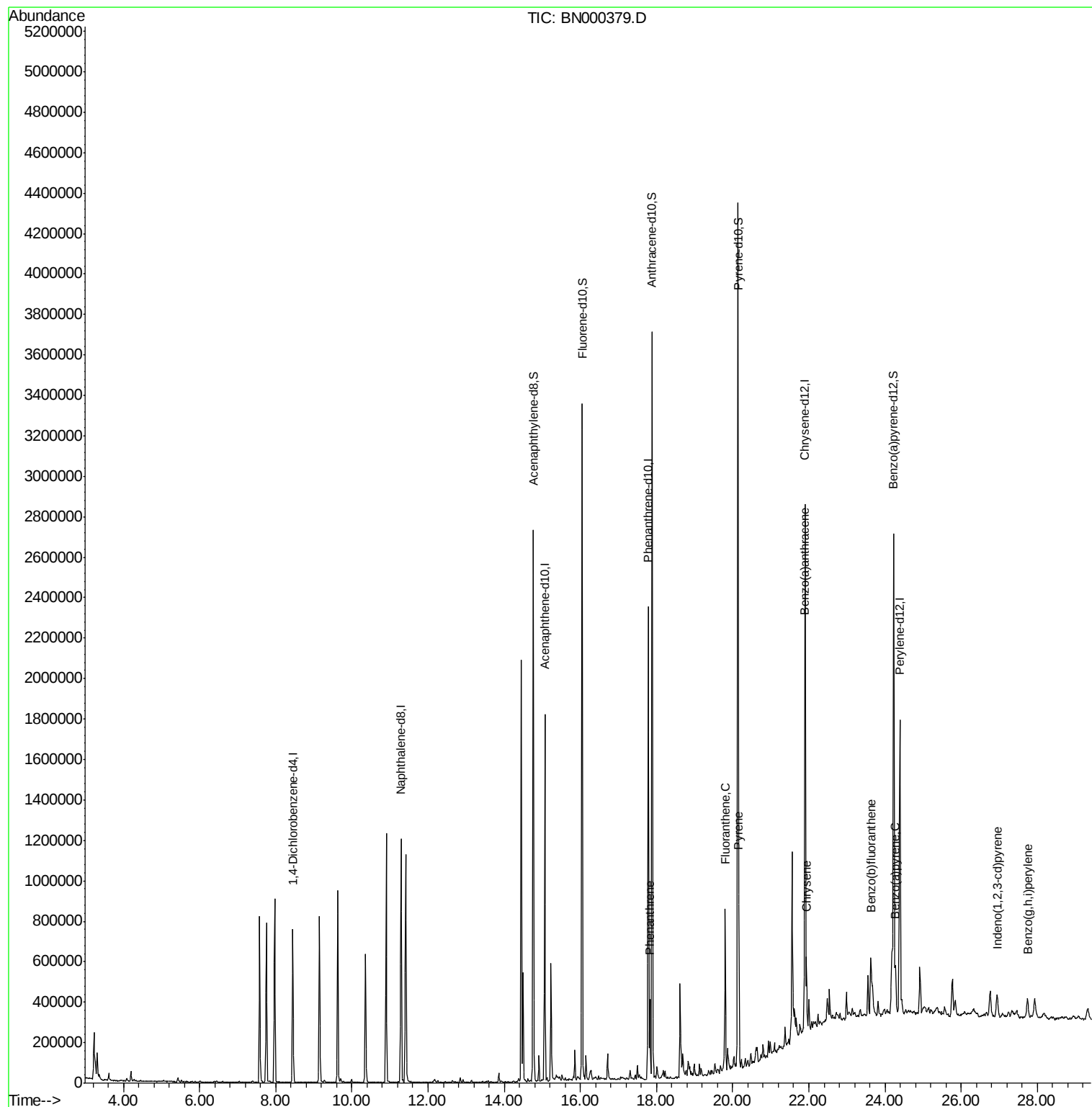
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	205889	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1013000	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	577571	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1272628	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1137993	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1024463	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1893520	33.03	ng/ul	0.00
10) Fluorene-d10	16.05	176	1251436	32.24	ng/ul	0.00
14) Anthracene-d10	17.88	188	1929036	32.44	ng/ul	0.00
18) Pyrene-d10	20.14	212	2108111	37.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1581204	33.80	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	215507	2.953	ng/ul	100
16) Fluoranthene	19.80	202	436042	5.530	ng/ul#	94
19) Pyrene	20.16	202	388347	5.405	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	201315	2.846	ng/ul	99
21) Chrysene	21.94	228	201194	2.997	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	236914	3.878	ng/ul#	95
26) Benzo(a)pyrene	24.27	252	157751	2.713	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.94	276	97950	1.562	ng/ul#	85
29) Benzo(g,h,i)perylene	27.74	276	112998	2.159	ng/ul#	87

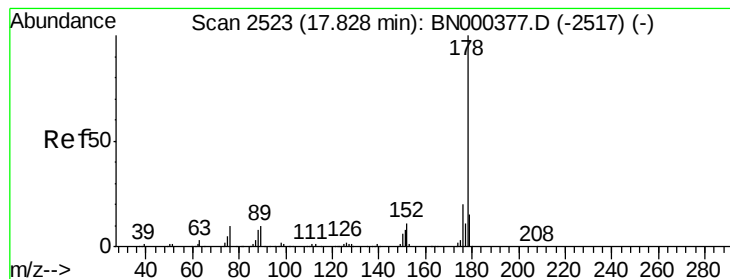
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.953 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

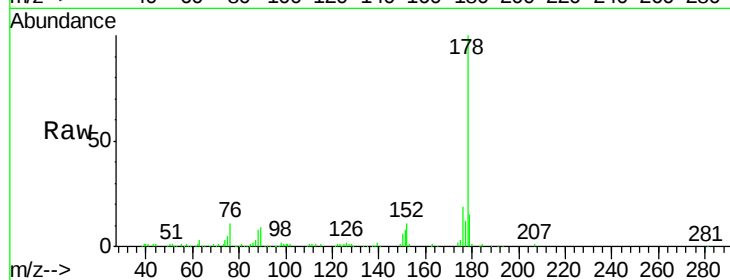
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 215507

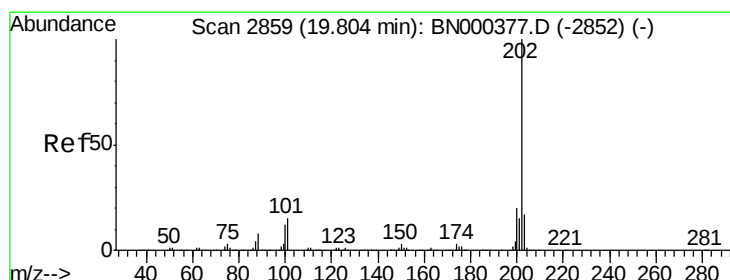
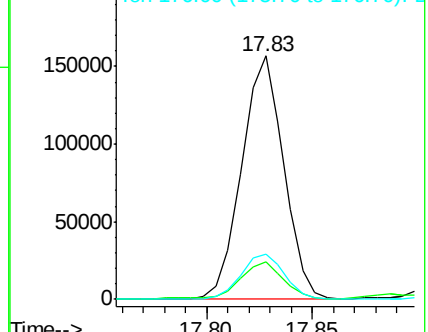
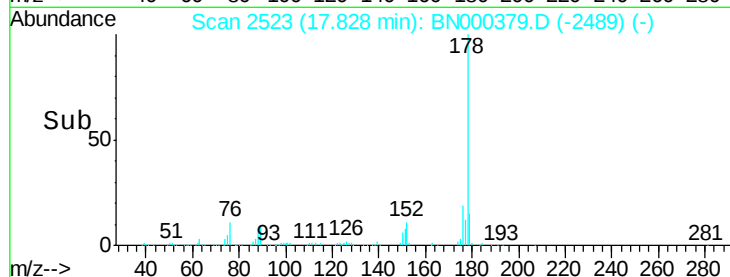
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	15.1	22.7



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



#16

Fluoranthene

Concen: 5.530 ng/ul

RT: 19.80 min Scan# 2859

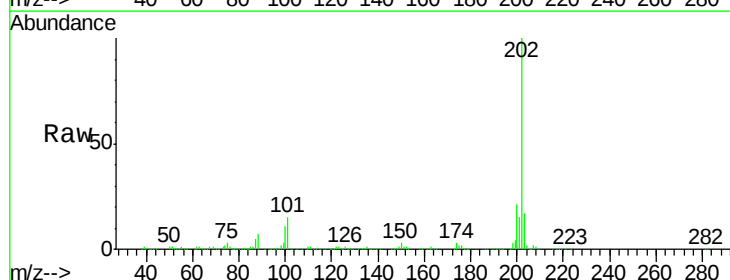
Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

Tgt Ion:202 Resp: 436042

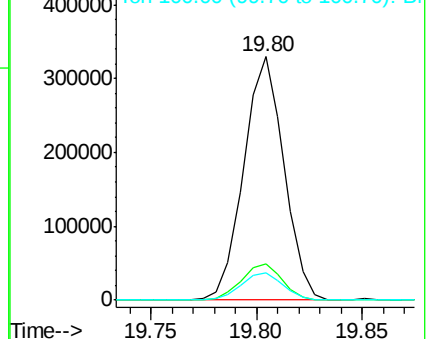
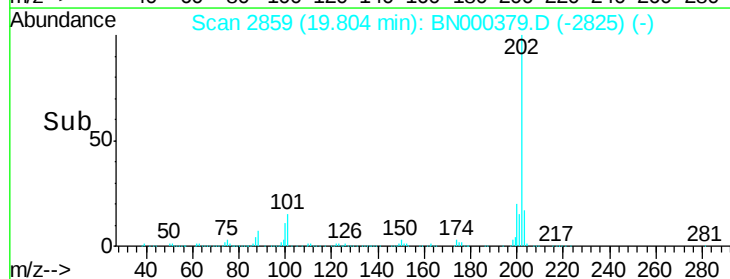
Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.4	7.4	11.0

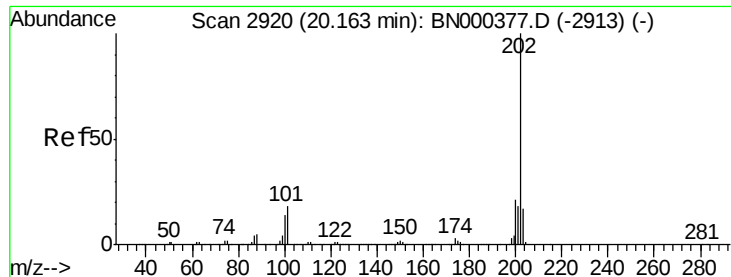


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 5.405 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

Instrument :

BNA_N

ClientSampleId :

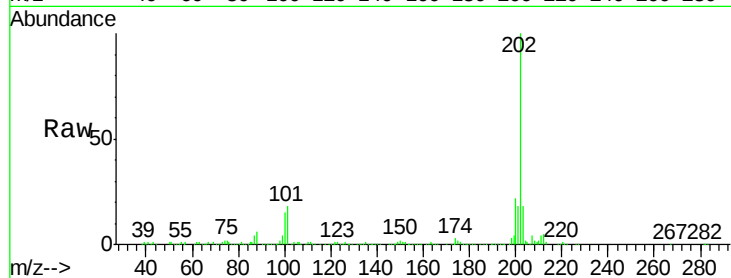
Tot Ion:202 Resp: 388347

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

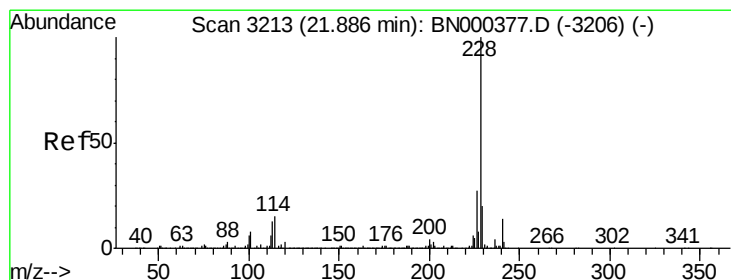
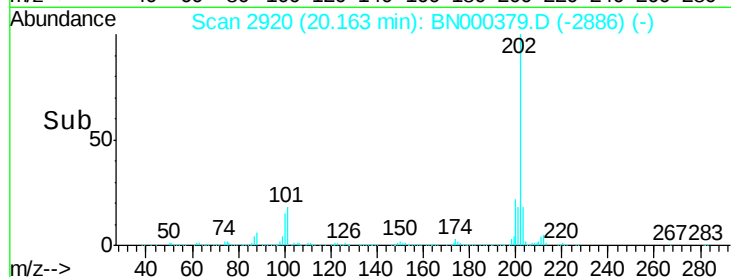
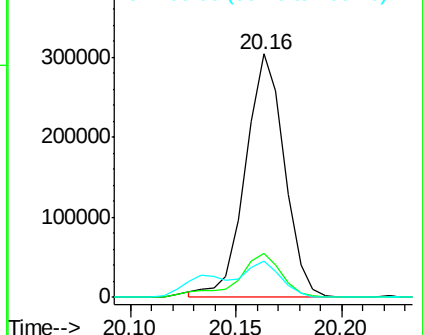
100 14.8 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 2.846 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

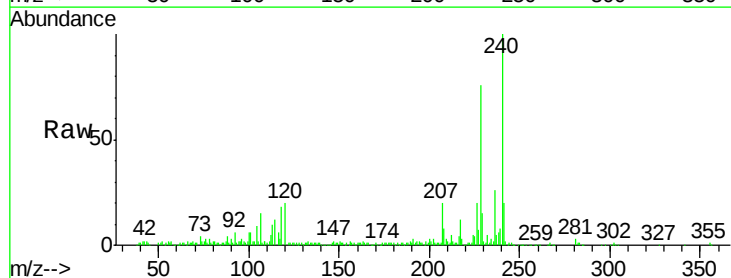
Tgt Ion:228 Resp: 201315

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

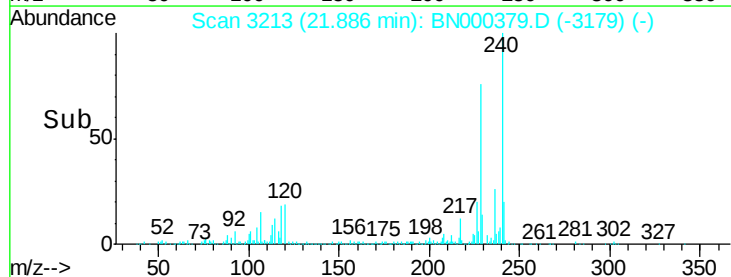
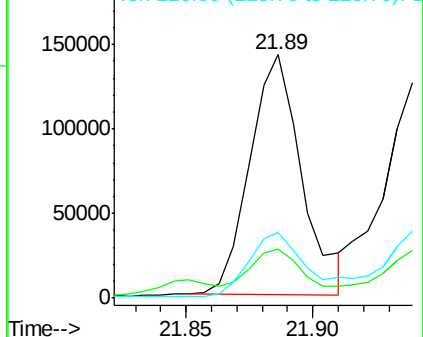
226 26.8 21.1 31.7

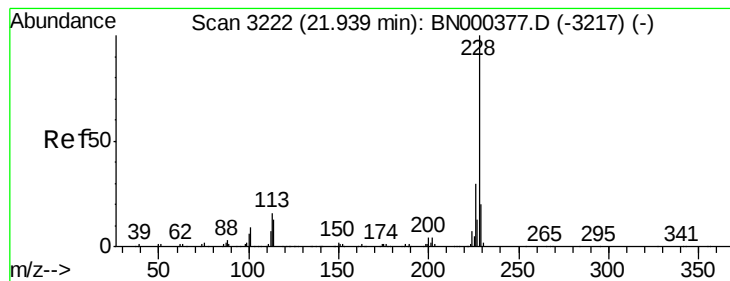


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.997 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

Instrument :

BNA_N

ClientSampleId :

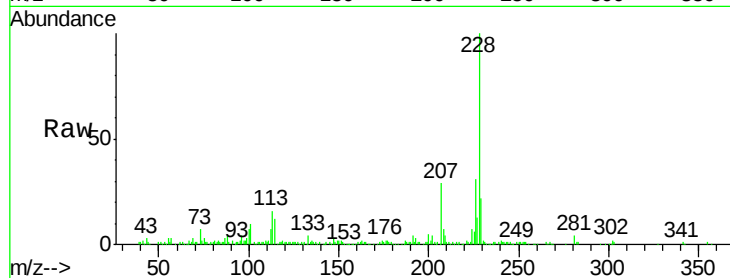
Tot Ion:228 Resp: 201194

Ion Ratio Lower Upper

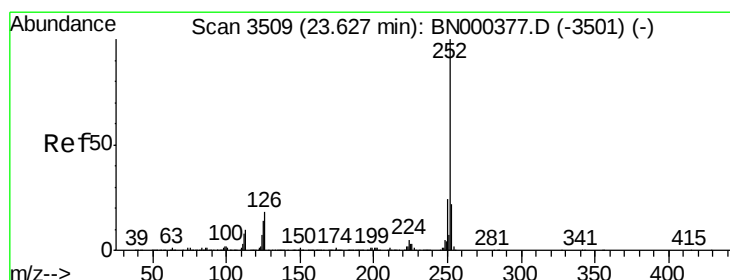
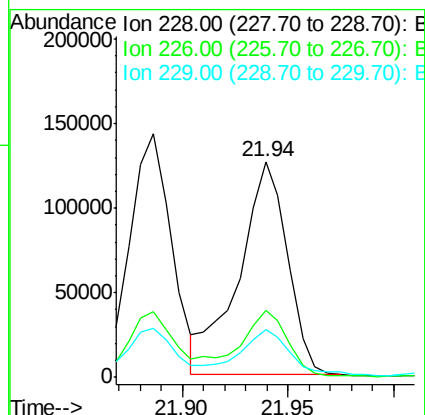
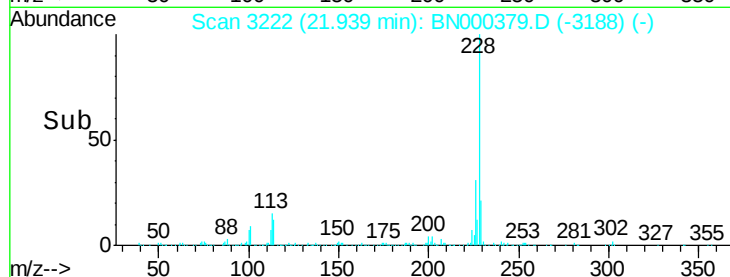
228 100

226 30.8 24.5 36.7

229 22.1 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 3.878 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

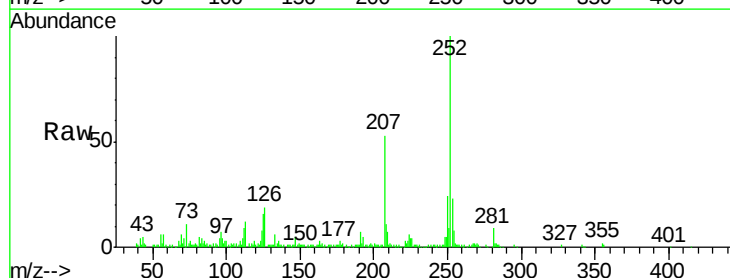
Tgt Ion:252 Resp: 236914

Ion Ratio Lower Upper

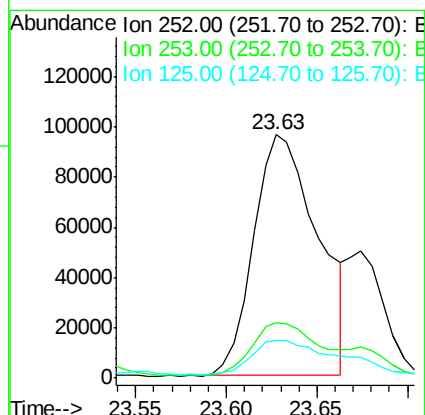
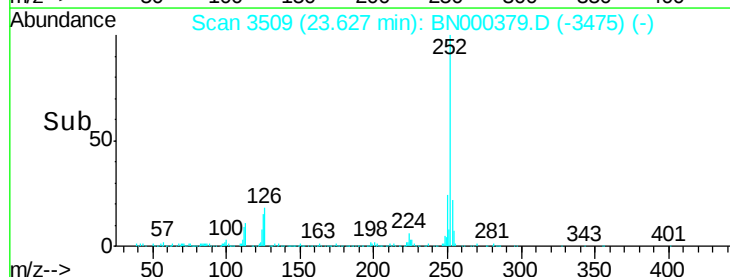
252 100

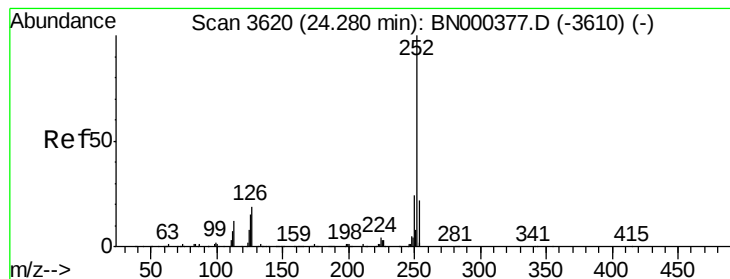
253 22.7 18.0 27.0

125 15.6 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





#26

Benzo(a)pyrene

Concen: 2.713 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

Instrument :

BNA_N

ClientSampled :

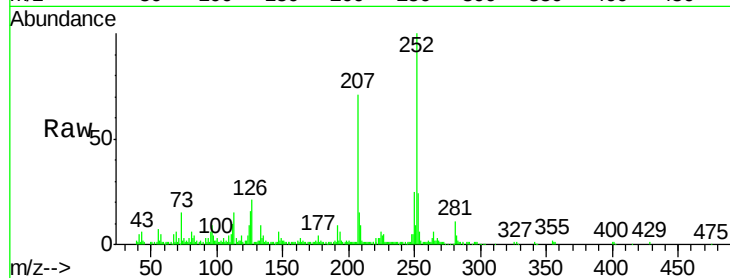
Tot Ion:252 Resp: 157751

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

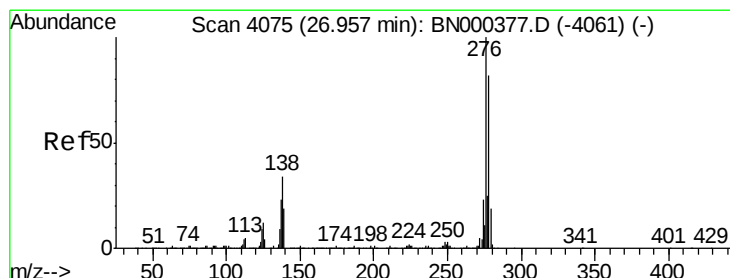
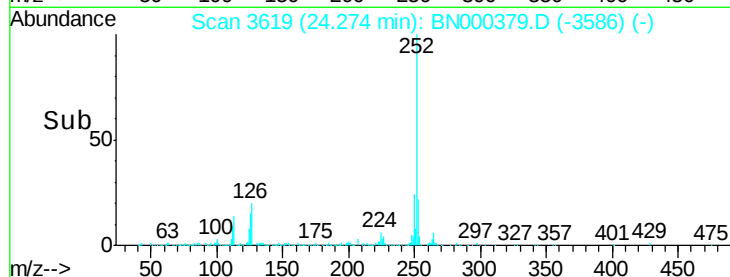
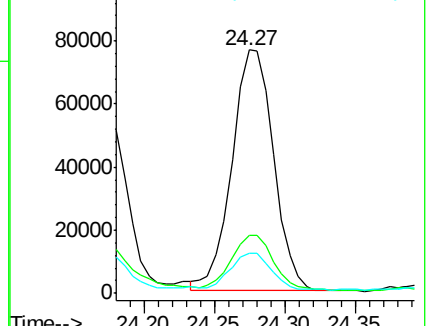
125 16.4 8.2 12.4#



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: 1.562 ng/ul

RT: 26.94 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

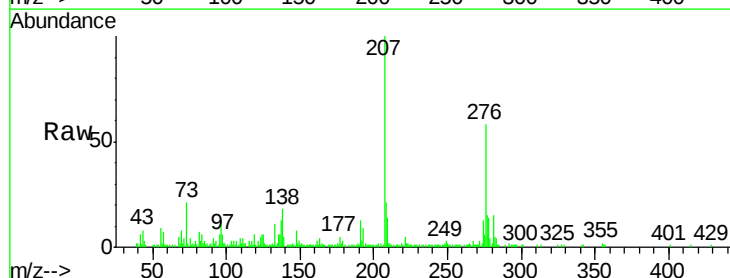
Tgt Ion:276 Resp: 97950

Ion Ratio Lower Upper

276 100

138 30.1 14.4 21.6#

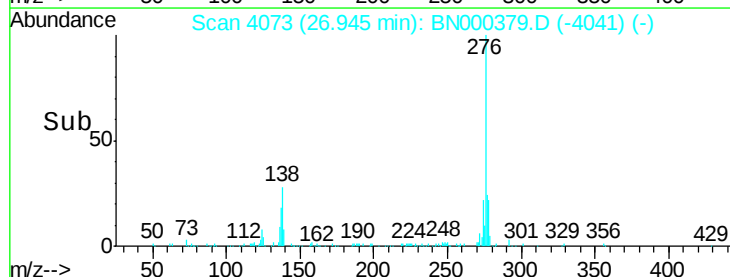
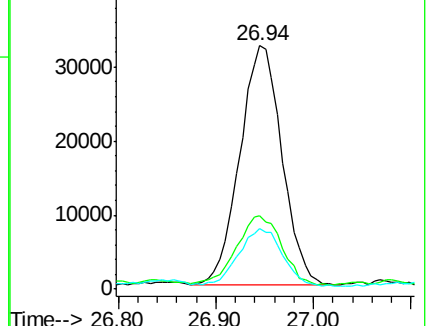
277 25.0 18.0 27.0

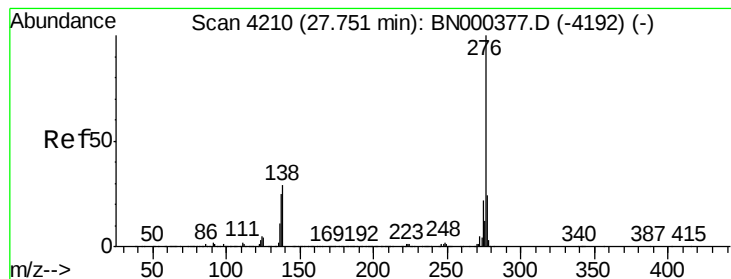


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 2.159 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000379.D

Acq: 14 Mar 2018 17:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 112998

Ion Ratio Lower Upper

276 100

138 30.7 15.3 22.9#

277 25.0 19.0 28.4

