

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000387.D
 Acq On : 14 Mar 2018 22:34
 Operator : JU/SJ
 Sample : J1865-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:07:48 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

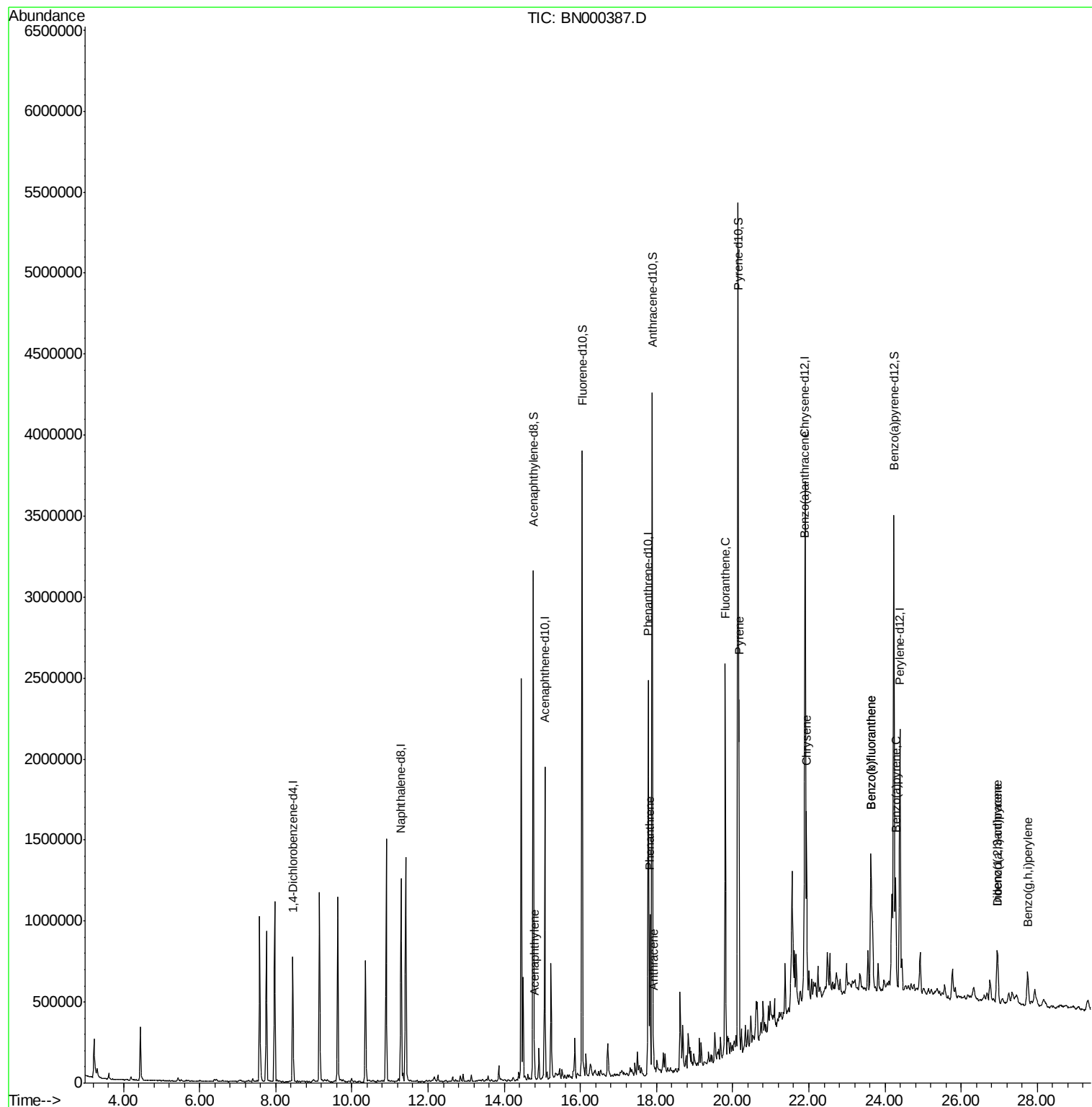
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	214277	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1048450	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	600847	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1330176	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1224660	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1138978	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2255878	37.83	ng/ul	0.00
10) Fluorene-d10	16.05	176	1480798	36.67	ng/ul	0.00
14) Anthracene-d10	17.88	188	2283750	36.75	ng/ul	0.00
18) Pyrene-d10	20.14	212	2486220	41.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1941134	37.32	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	86552	1.444	ng/ul	100
13) Phenanthrene	17.83	178	544608	7.139	ng/ul	99
15) Anthracene	17.92	178	120178	1.553	ng/ul	99
16) Fluoranthene	19.80	202	1348439	16.360	ng/ul#	92
19) Pyrene	20.16	202	1126577	14.570	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	586435	7.703	ng/ul	97
21) Chrysene	21.94	228	604153	8.362	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	763740	11.245	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	949540	14.936	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	463061	7.164	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	299427	4.296	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.95	278	86086	1.507	ng/ul#	80
29) Benzo(a,h,i)perylene	27.75	276	253449	4.355	ng/ul#	90

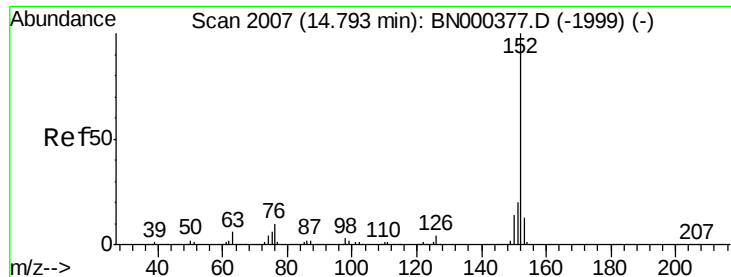
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.444 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

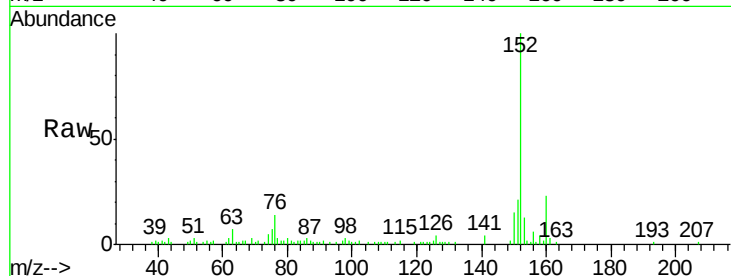
Tot Ion:152 Resp: 86552

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

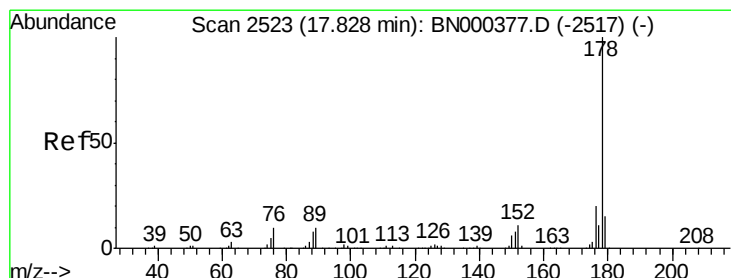
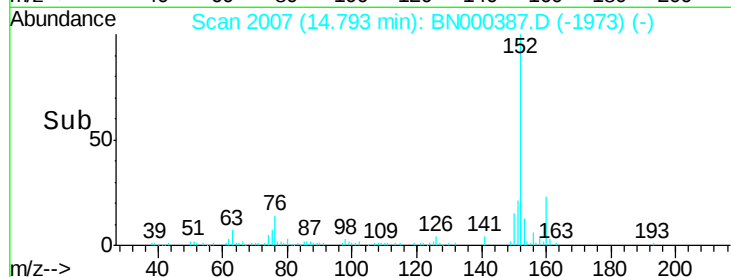
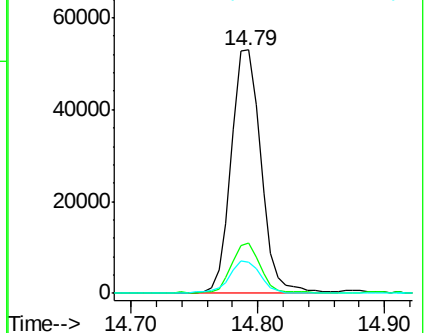
153 12.8 10.2 15.4



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



#13

Phenanthrene

Concen: 7.139 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

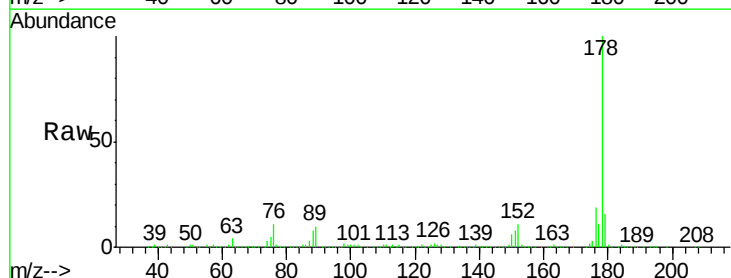
Tgt Ion:178 Resp: 544608

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

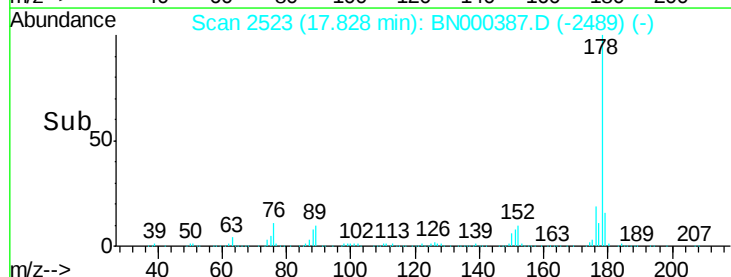
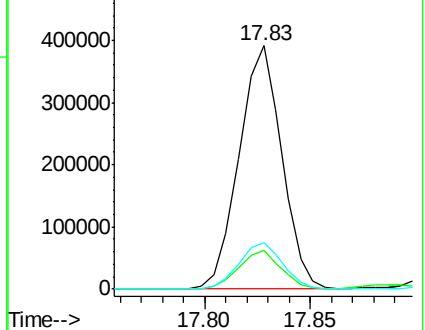
176 19.1 15.1 22.7

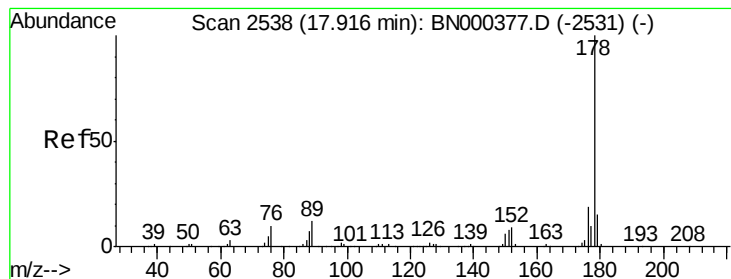


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.553 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

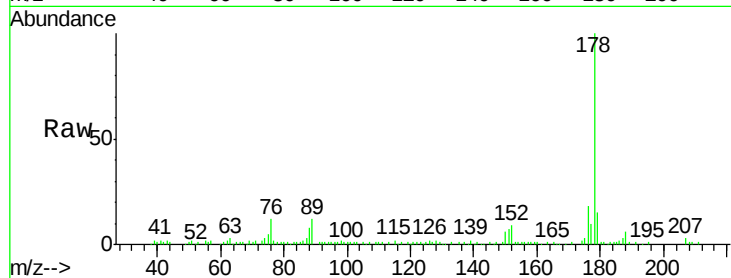
Tot Ion:178 Resp: 120178

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

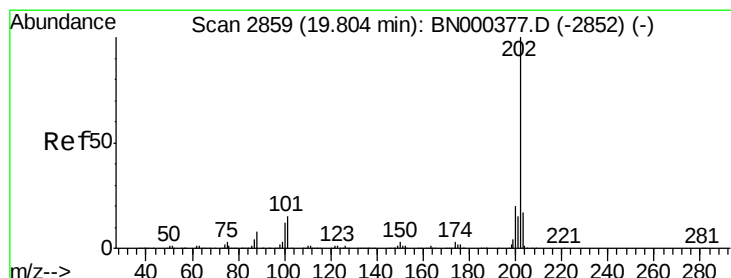
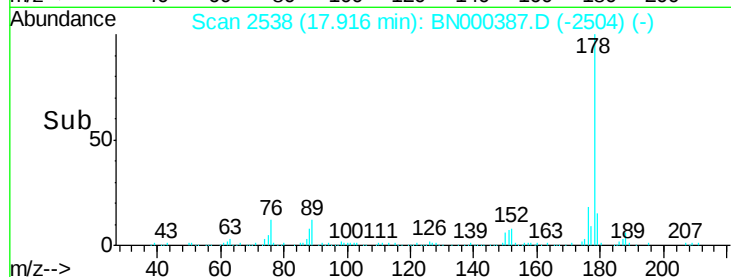
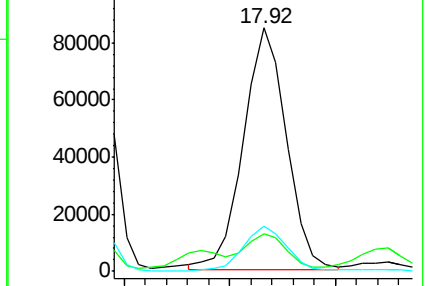
176 18.3 15.2 22.8



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: 16.360 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

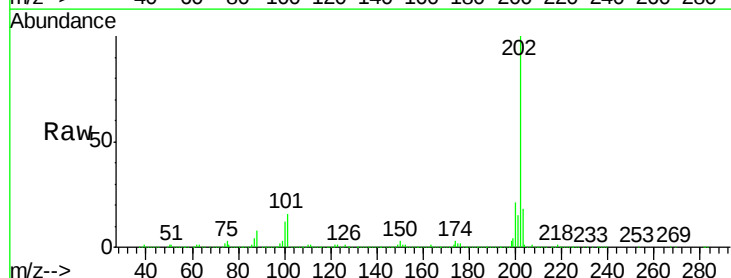
Tgt Ion:202 Resp: 1348439

Ion Ratio Lower Upper

202 100

101 15.5 9.9 14.9#

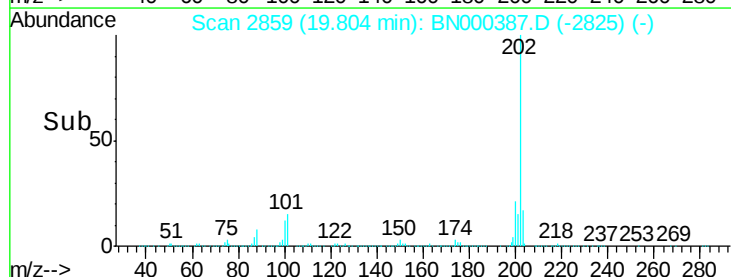
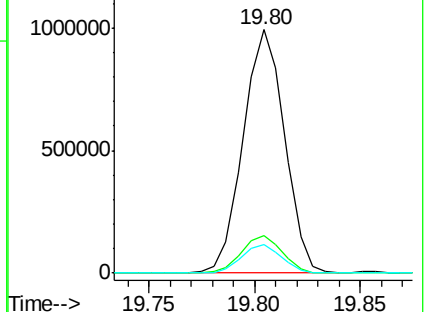
100 11.8 7.4 11.0#

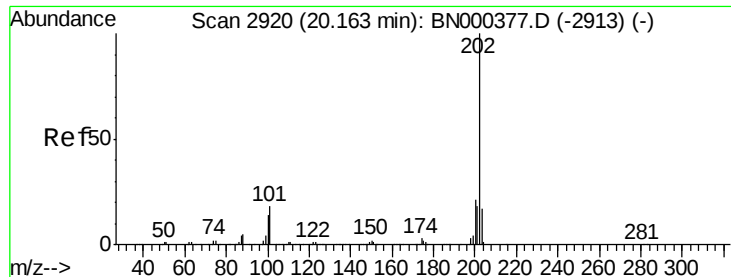


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 14.570 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

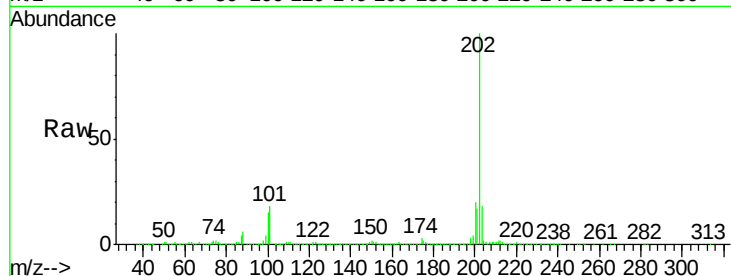
Tot Ion:202 Resp: 1126577

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.4#

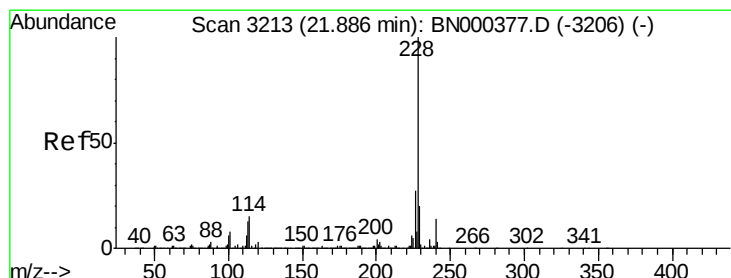
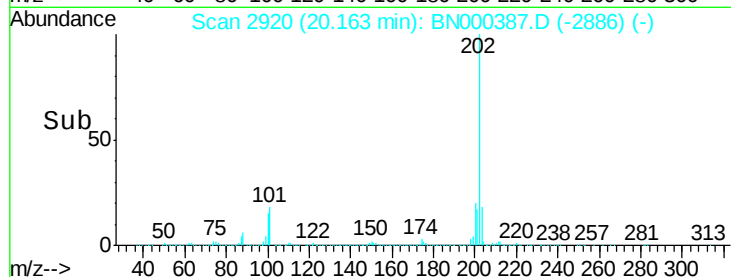
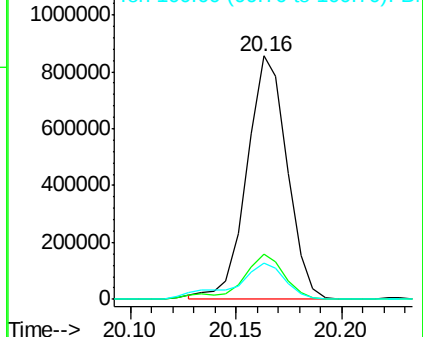
100 14.9 8.1 12.1#



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: 7.703 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

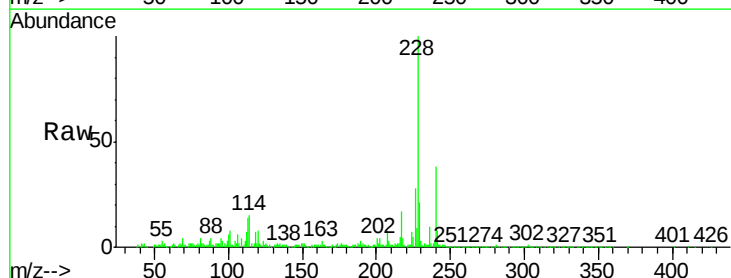
Tgt Ion:228 Resp: 586435

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

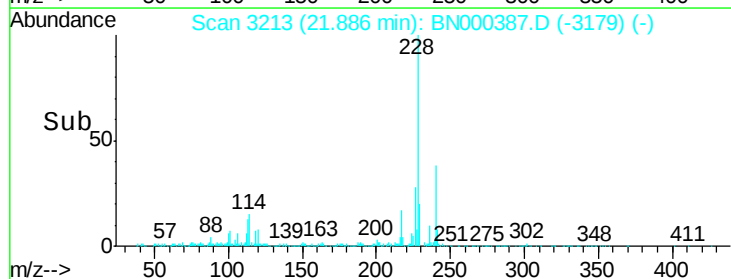
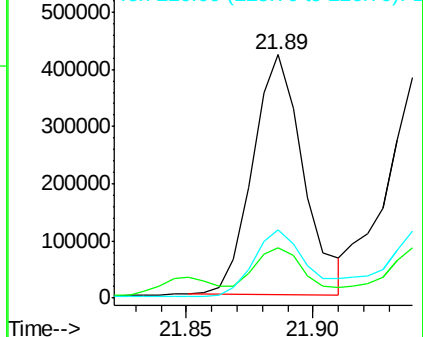
226 28.2 21.1 31.7

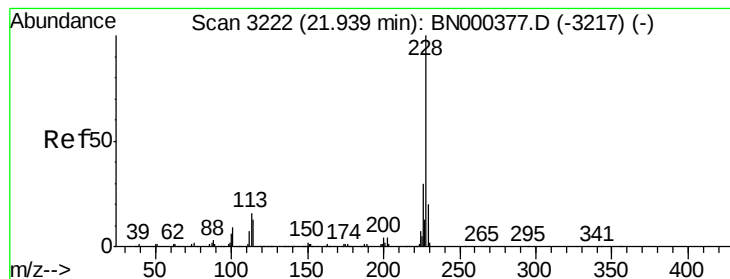


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 8.362 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

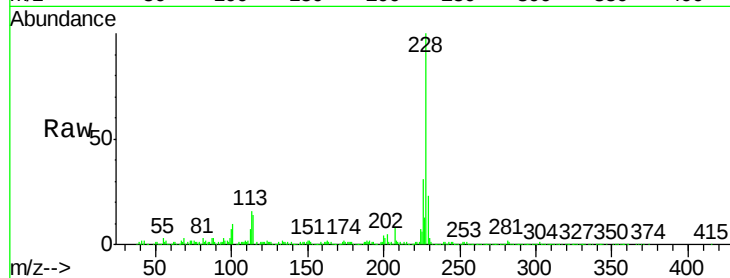
Tot Ion:228 Resp: 604153

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

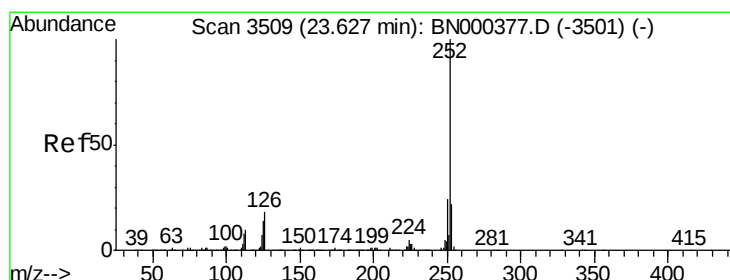
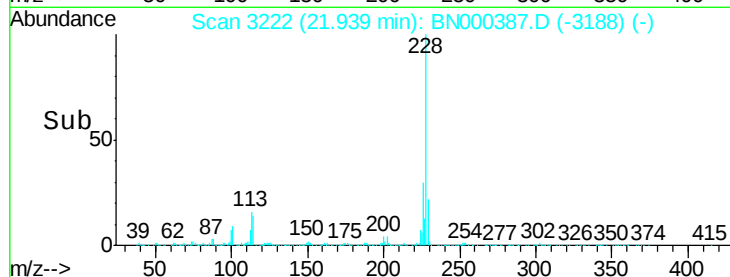
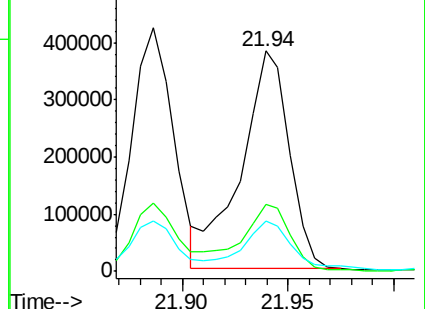
229 23.0 15.8 23.8



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: 11.245 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

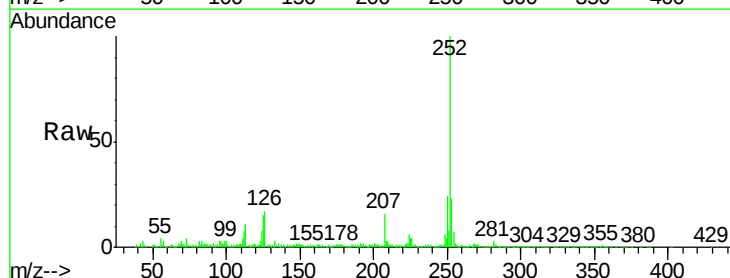
Tgt Ion:252 Resp: 763740

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

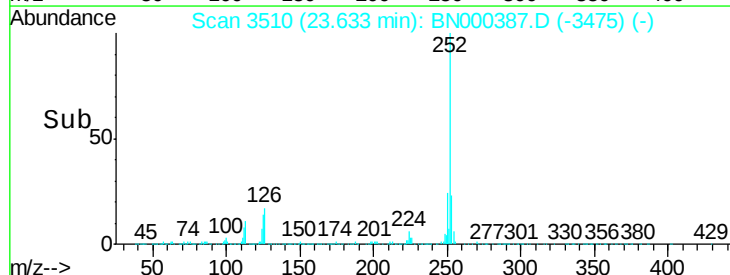
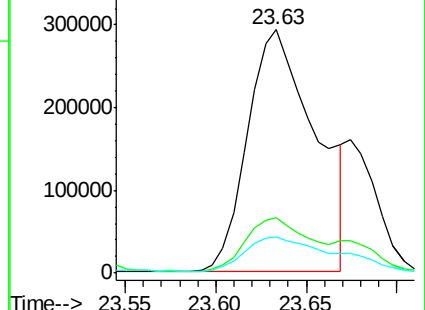
125 15.1 8.0 12.0#

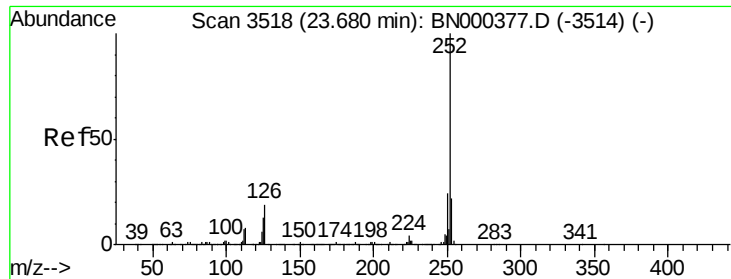


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 14.936 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

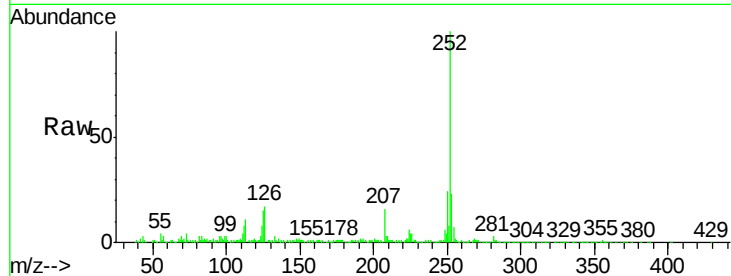
Tot Ion:252 Resp: 949540

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

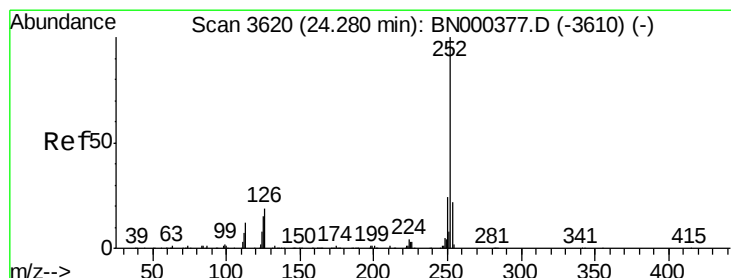
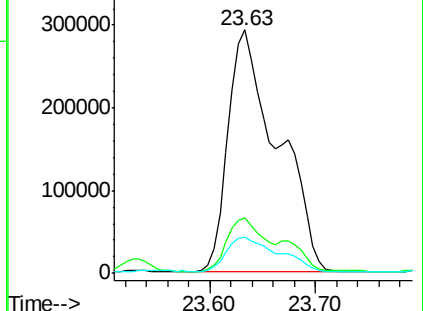
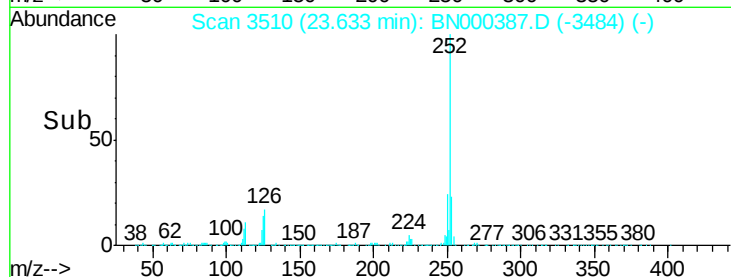
125 15.1 8.1 12.1#



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: 7.164 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

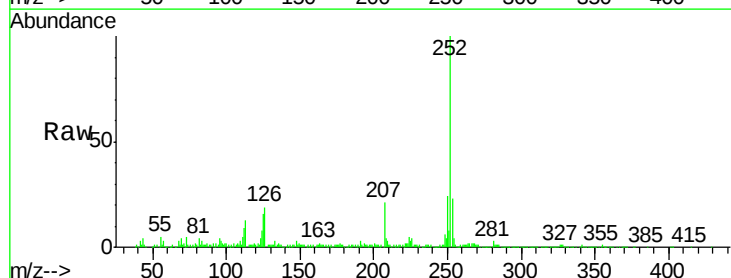
Tgt Ion:252 Resp: 463061

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

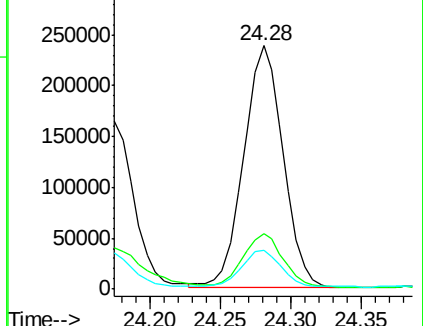
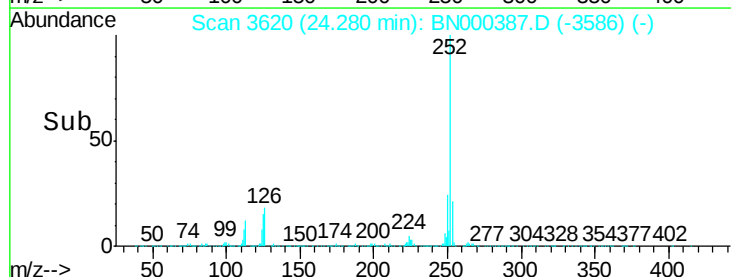
125 15.7 8.2 12.4#

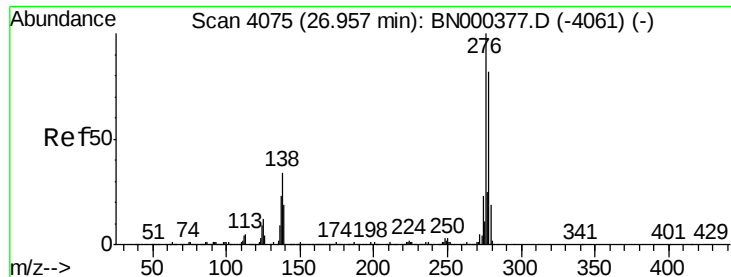


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



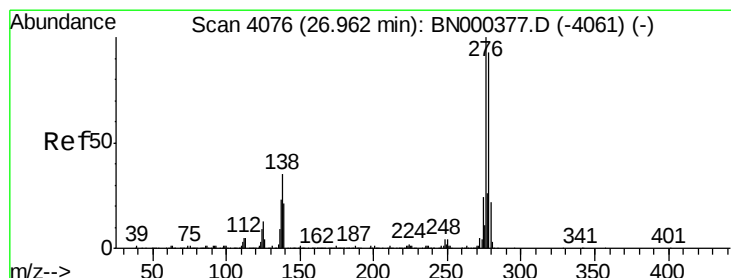
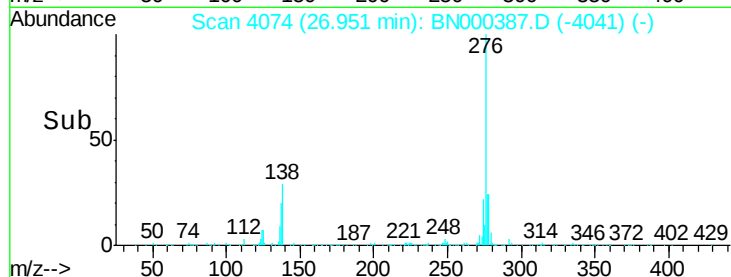
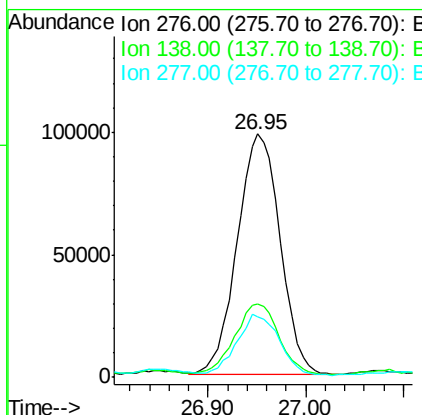
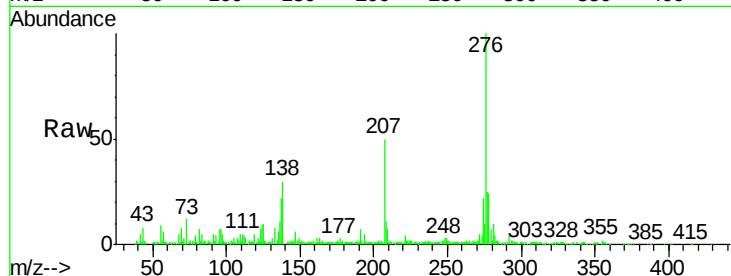


#27

Indeno(1,2,3-cd)pyrene
Concen: 4.296 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000387.D
Acq: 14 Mar 2018 22:34

Instrument :
BNA_N
ClientSampled :

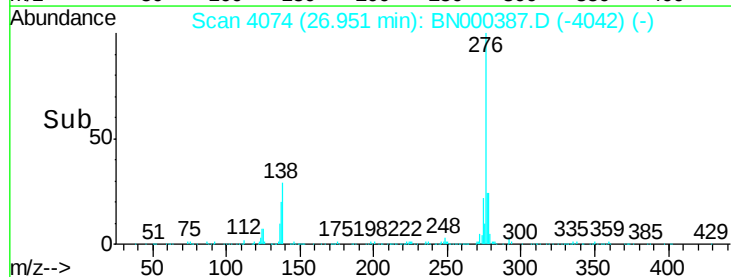
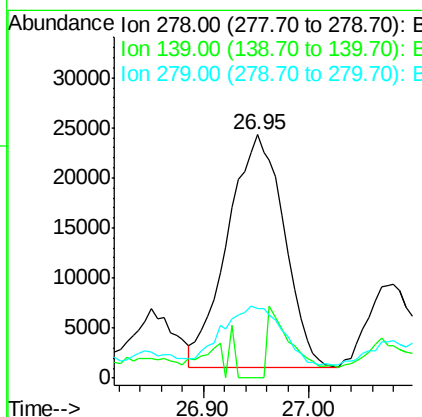
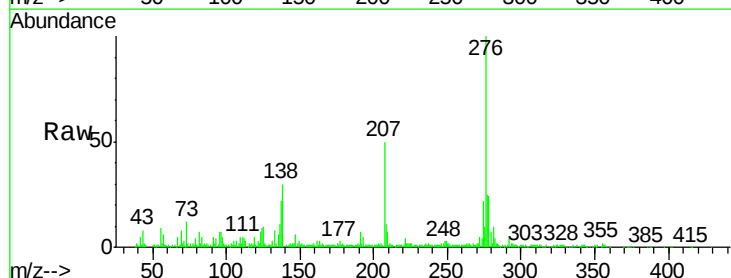
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	14.4	21.6#
277	25.1	18.0	27.0

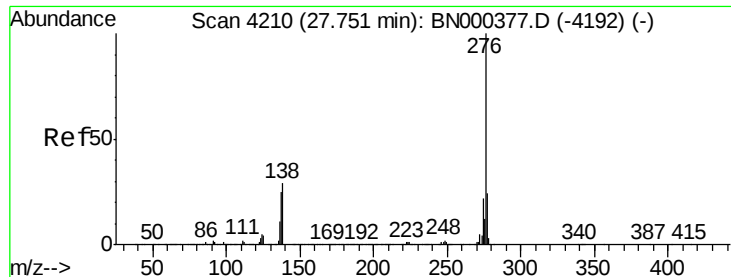


#28

Dibenzo(a,h)anthracene
Concen: 1.507 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000387.D
Acq: 14 Mar 2018 22:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.4	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 4.355 ng/ul

RT: 27.75 min Scan# 4210

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

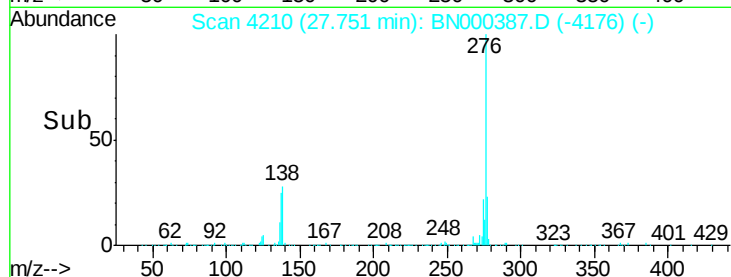
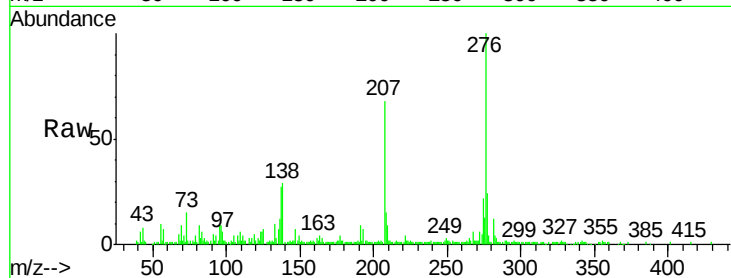
Tot Ion:276 Resp: 253449

Ion Ratio Lower Upper

276 100

138 29.3 15.3 22.9#

277 23.8 19.0 28.4



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

