

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000882.D
 Acq On : 25 Apr 2018 09:33
 Operator : JU/SJ
 Sample : J2444-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 11:06:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	167667	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	716376	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	355475	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	664889	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	576503	20.00	ng/ul	0.02
22) Perylene-d12	23.42	264	612774	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	1114882	32.66	ng/ul	0.00
10) Fluorene-d10	15.25	176	749443	32.89	ng/ul	0.00
14) Anthracene-d10	17.10	188	1021552	33.60	ng/ul	0.00
18) Pyrene-d10	19.40	212	1016395	34.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	1082826	37.41	ng/ul	0.04

Target Compounds

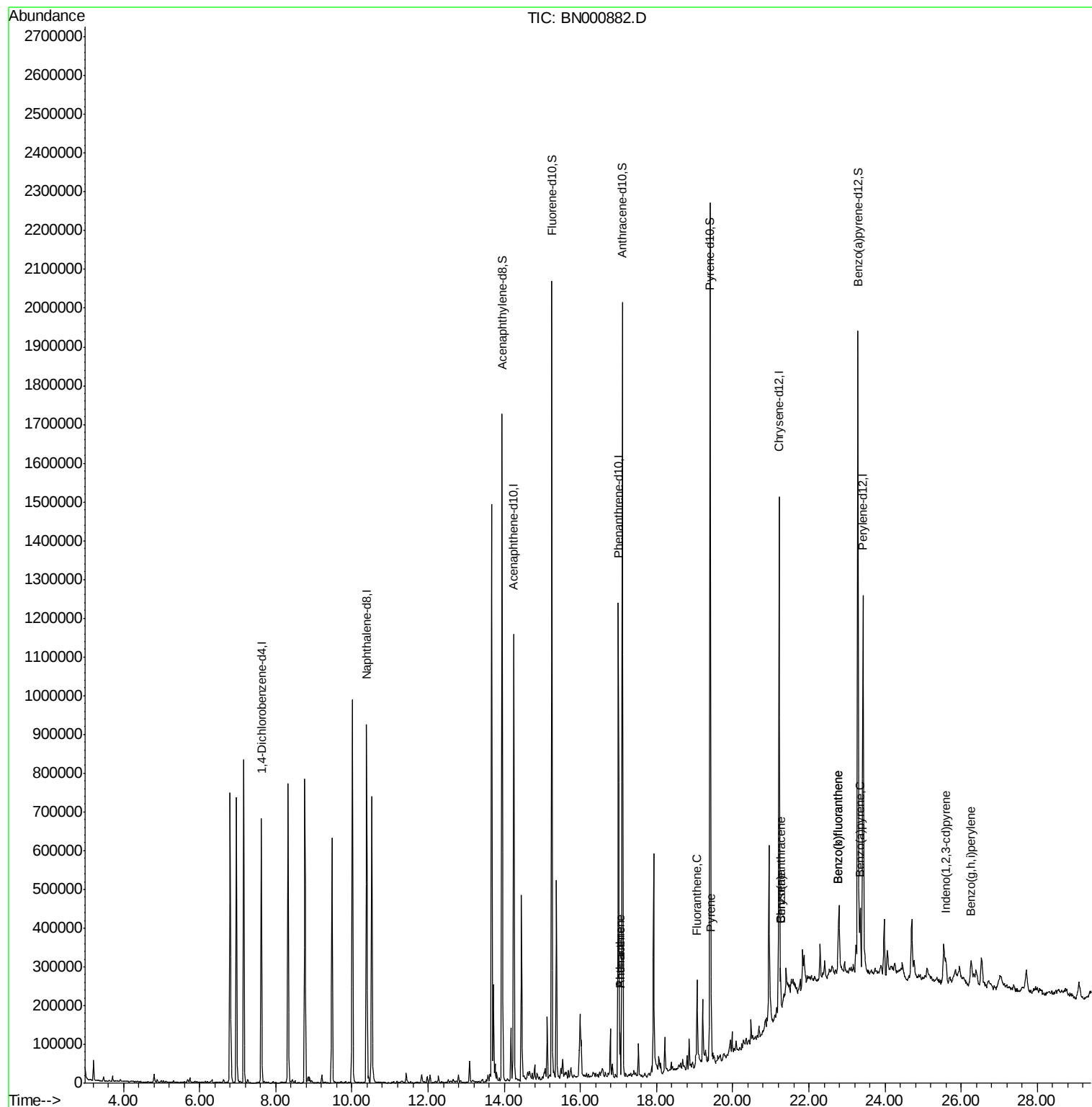
					Ovalue	
13) Phenanthrene	17.04	178	61347	1.692	ng/ul	99
15) Anthracene	17.04	178	61254	1.684	ng/ul	99
16) Fluoranthene	19.06	202	112070	3.046	ng/ul#	93
19) Pyrene	19.43	202	96829	2.615	ng/ul#	91
20) Benzo(a)anthracene	21.26	228	54695	1.587	ng/ul	93
21) Chrysene	21.26	228	58319	1.800	ng/ul	98
23) Benzo(b)fluoranthene	22.77	252	106299	3.052	ng/ul#	93
24) Benzo(k)fluoranthene	22.77	252	108105	3.172	ng/ul#	94
26) Benzo(a)pyrene	23.33	252	58361	1.754	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.60	276	48380	1.204	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	58907	1.752	ng/ul#	90

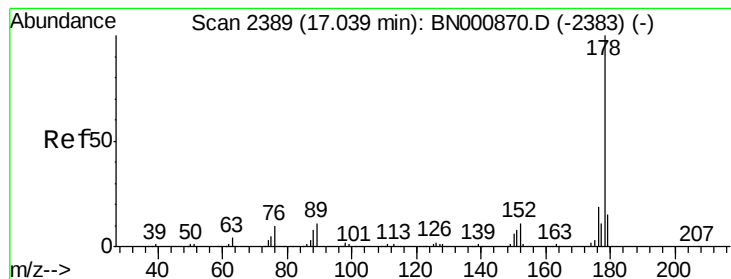
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.692 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

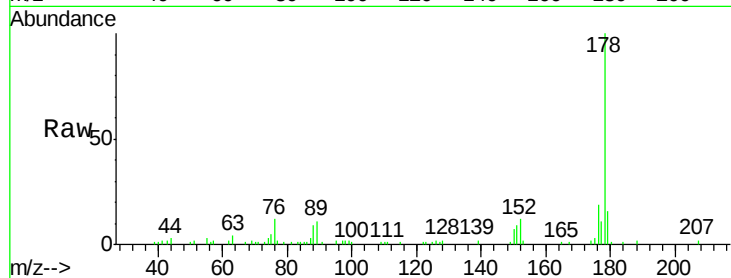
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 61347

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.8	15.1	22.7

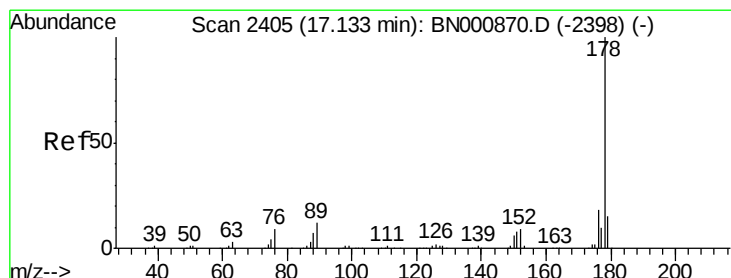
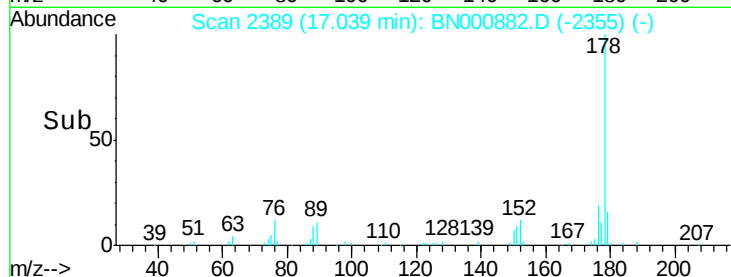
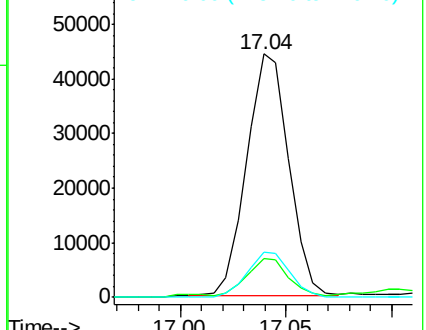


Abundance

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: 1.684 ng/ul

RT: 17.04 min Scan# 2389

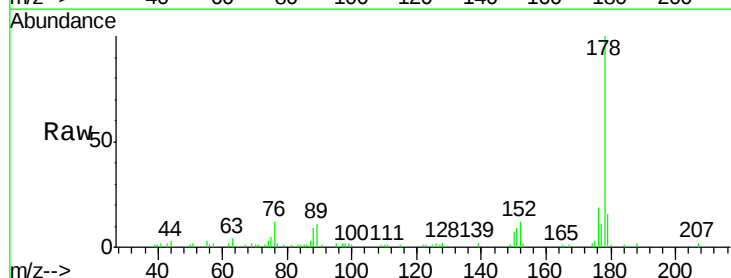
Delta R.T. -0.09 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

Tgt Ion:178 Resp: 61254

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.8	15.2	22.8

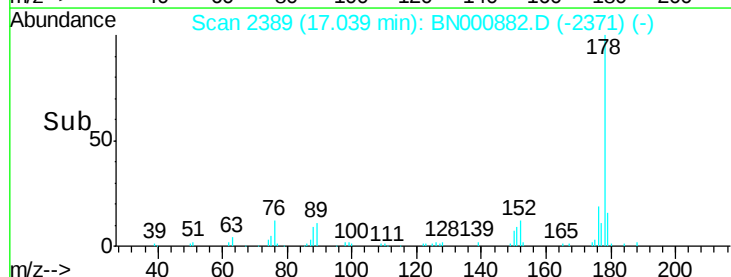
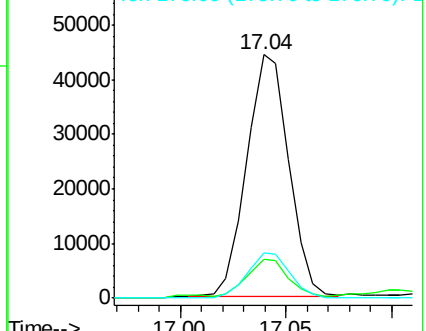


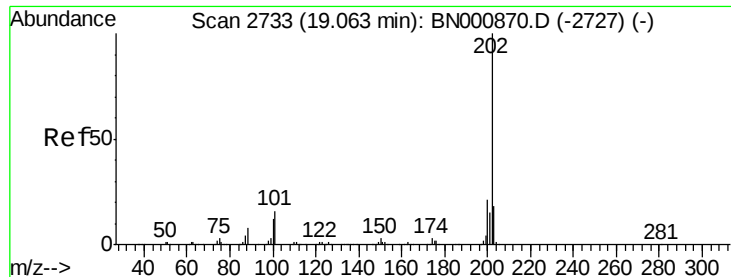
Abundance

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

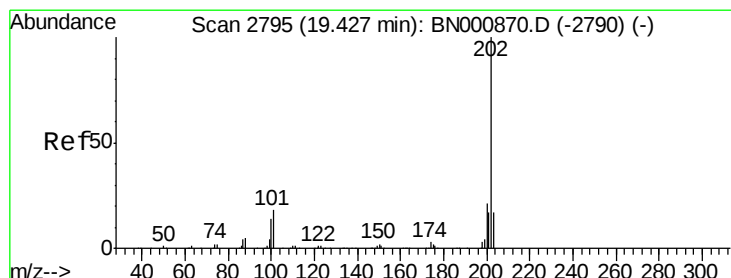
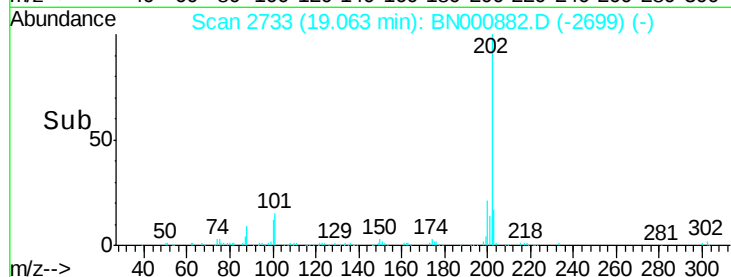
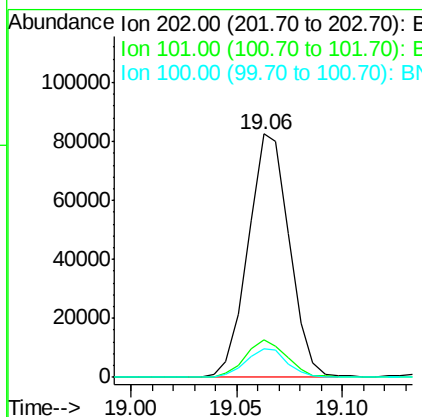
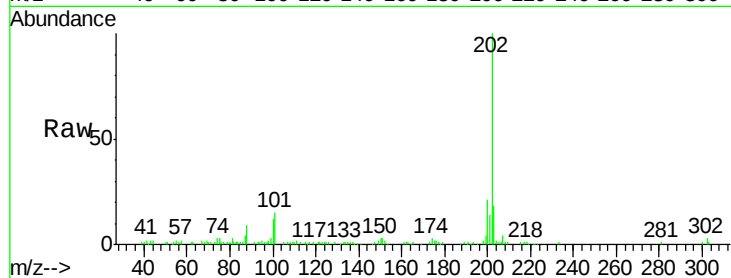




#16
Fluoranthene
 Concen: 3.046 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BN000882.D
 Acq: 25 Apr 2018 09:33

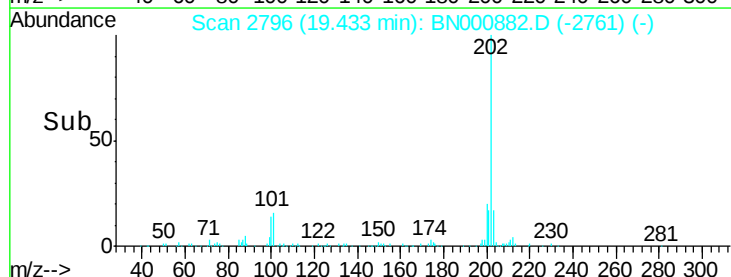
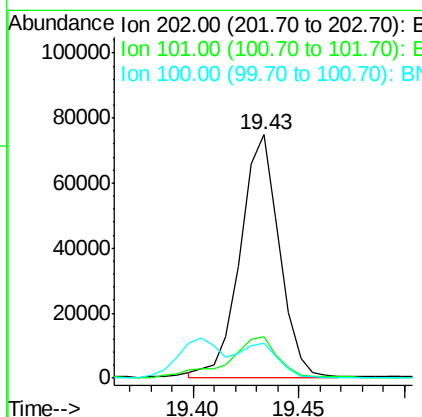
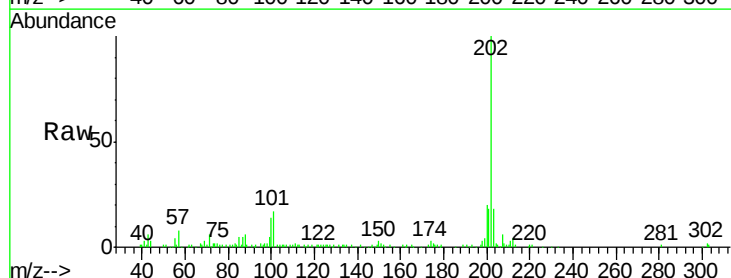
Instrument :
 BNA_N
 ClientSampleId :

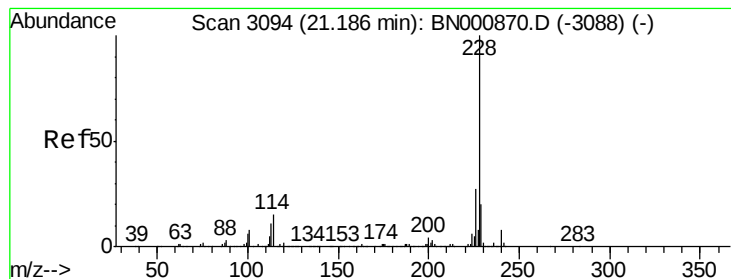
Tot Ion:202 Resp: 112070
 Ion Ratio Lower Upper
 202 100
 101 15.3 9.9 14.9#
 100 11.9 7.4 11.0#



#19
Pyrene
 Concen: 2.615 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BN000882.D
 Acq: 25 Apr 2018 09:33

Tgt Ion:202 Resp: 96829
 Ion Ratio Lower Upper
 202 100
 101 17.0 11.0 16.4#
 100 14.1 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 1.587 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.07 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

Instrument :

BNA_N

ClientSampleId :

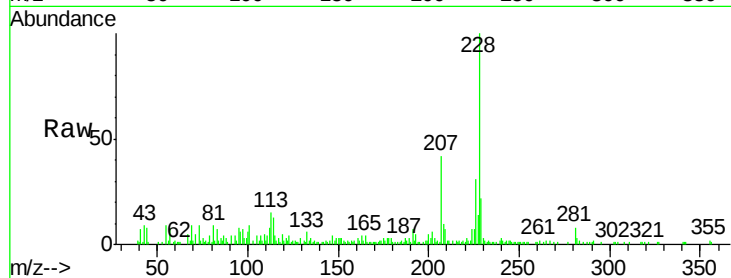
Tot Ion:228 Resp: 54695

Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

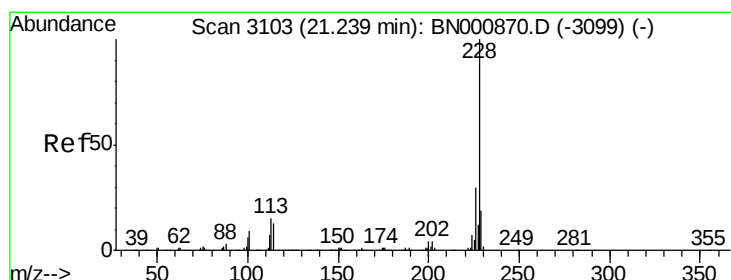
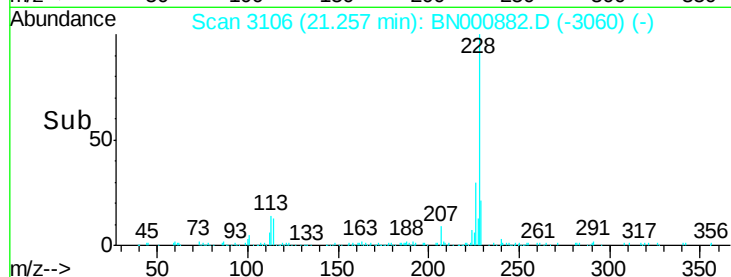
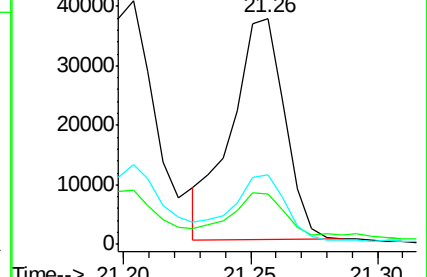
226 30.5 21.1 31.7



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: 1.800 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.02 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

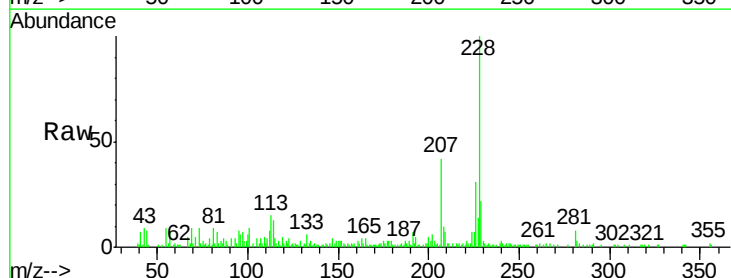
Tgt Ion:228 Resp: 58319

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

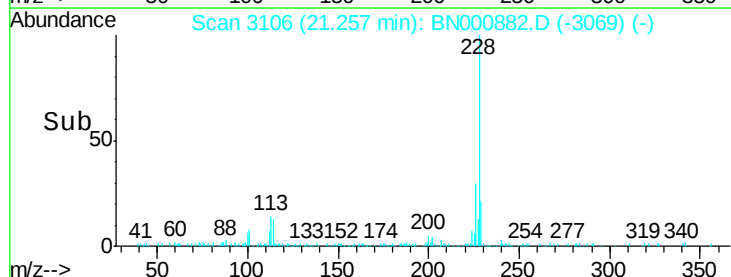
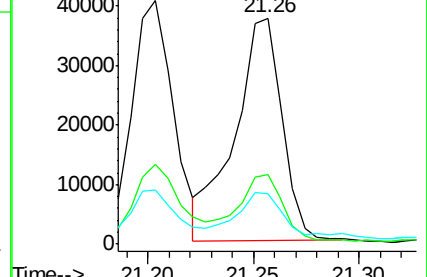
229 22.4 15.8 23.8

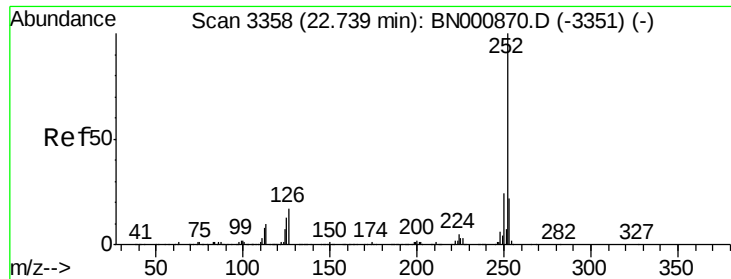


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.052 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.03 min

Lab File: BN000882.D

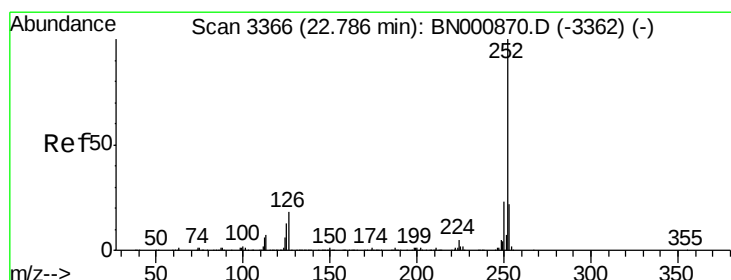
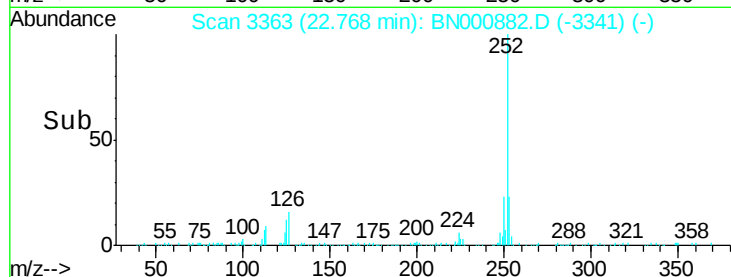
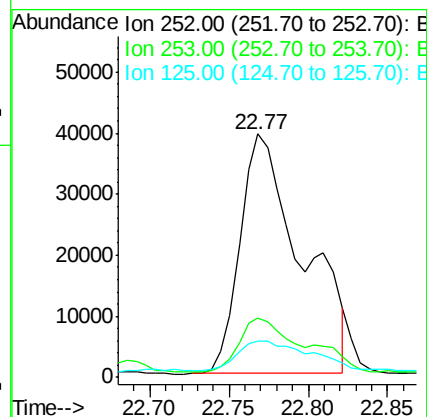
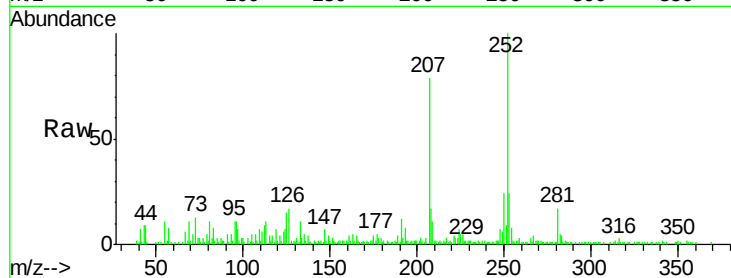
Acq: 25 Apr 2018 09:33

Instrument :

BNA_N

ClientSampled :

Tot Ion:252	Resp:	106299
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.0 27.0
125	14.8	8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 3.172 ng/ul

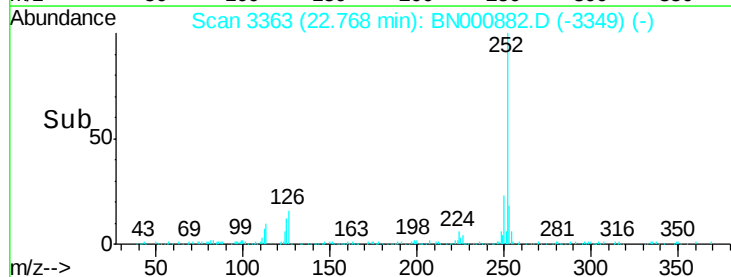
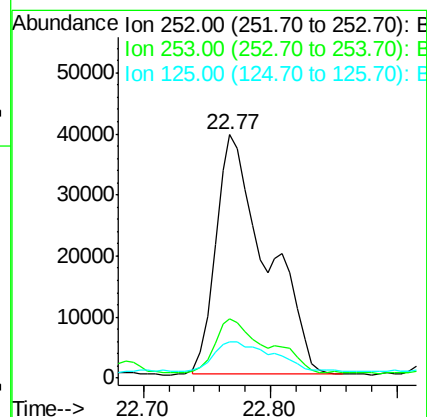
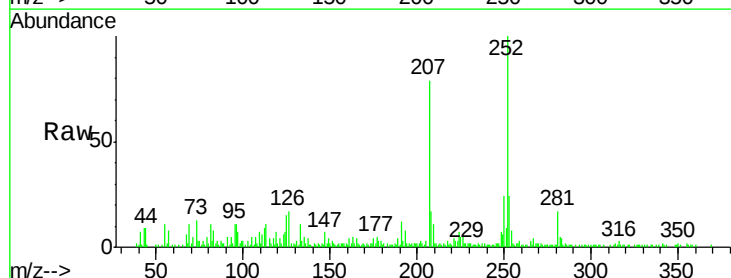
RT: 22.77 min Scan# 3363

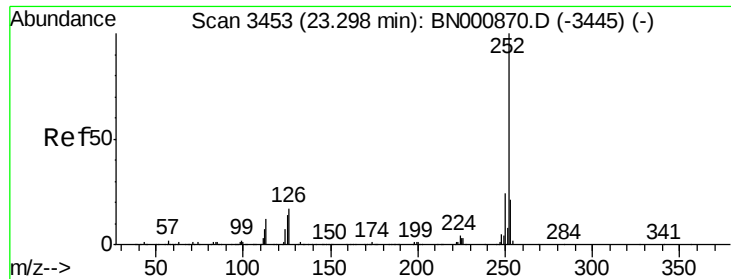
Delta R.T. -0.02 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

Tgt Ion:252	Resp:	108105
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.0 27.0
125	14.8	8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.754 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.03 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

Instrument :

BNA_N

ClientSampleId :

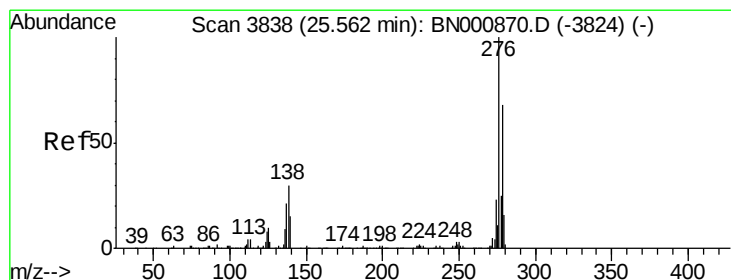
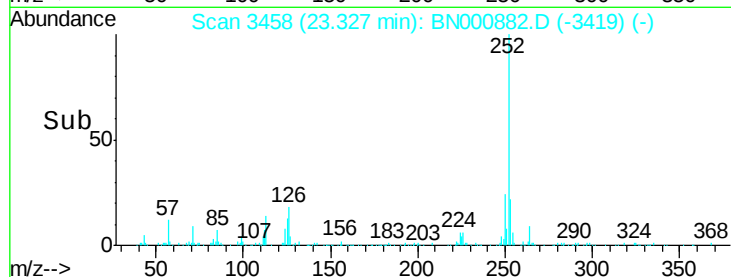
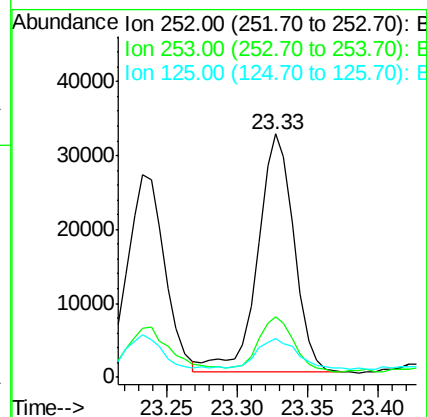
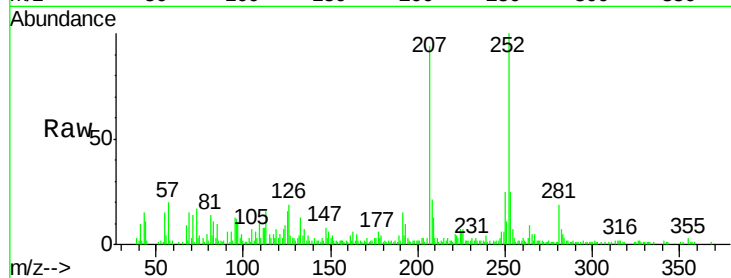
Tot Ion:252 Resp: 58361

Ion Ratio Lower Upper

252 100

253 25.0 17.2 25.8

125 16.0 8.2 12.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.204 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.04 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

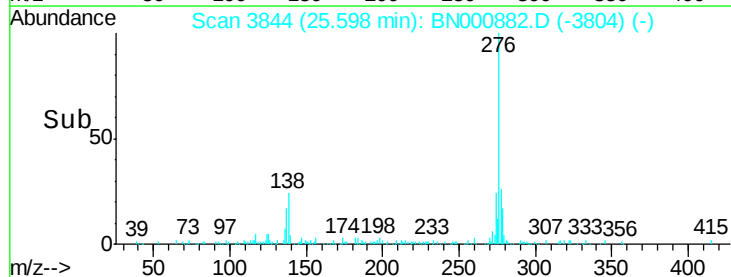
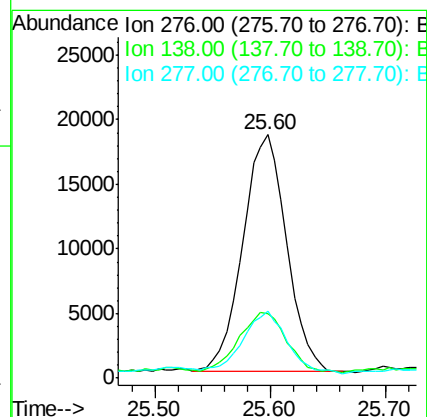
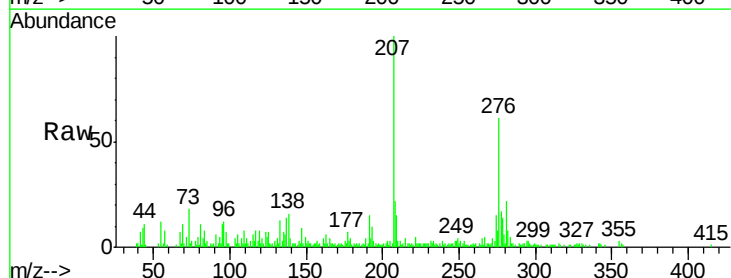
Tgt Ion:276 Resp: 48380

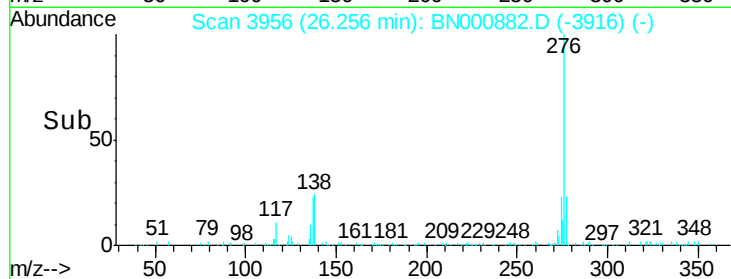
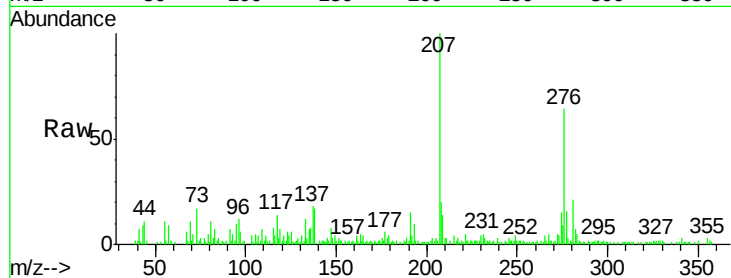
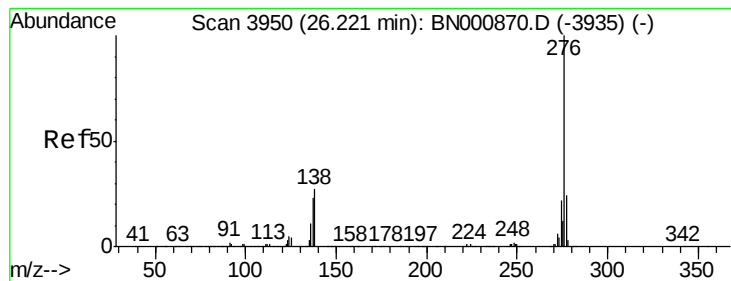
Ion Ratio Lower Upper

276 100

138 26.4 14.4 21.6#

277 27.5 18.0 27.0#





#29

Benzo(a,h,i)perylene

Concen: 1.752 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. 0.04 min

Lab File: BN000882.D

Acq: 25 Apr 2018 09:33

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 58907

Ion Ratio Lower Upper

276 100

138 27.4 15.3 22.9#

277 25.7 19.0 28.4

