

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000430.D
 Acq On : 15 Mar 2018 23:31
 Operator : JU/SJ
 Sample : J1865-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	245662	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1130697	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	621883	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1325800	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	1007918	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	946953	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.77	160	2773330	44.93	ng/ul	0.00
10) Fluorene-d10	16.05	176	1785157	42.71	ng/ul	0.00
14) Anthracene-d10	17.90	188	2668587	43.08	ng/ul	0.00
18) Pyrene-d10	20.15	212	2541081	51.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1894829	43.82	ng/ul	0.02

Target Compounds

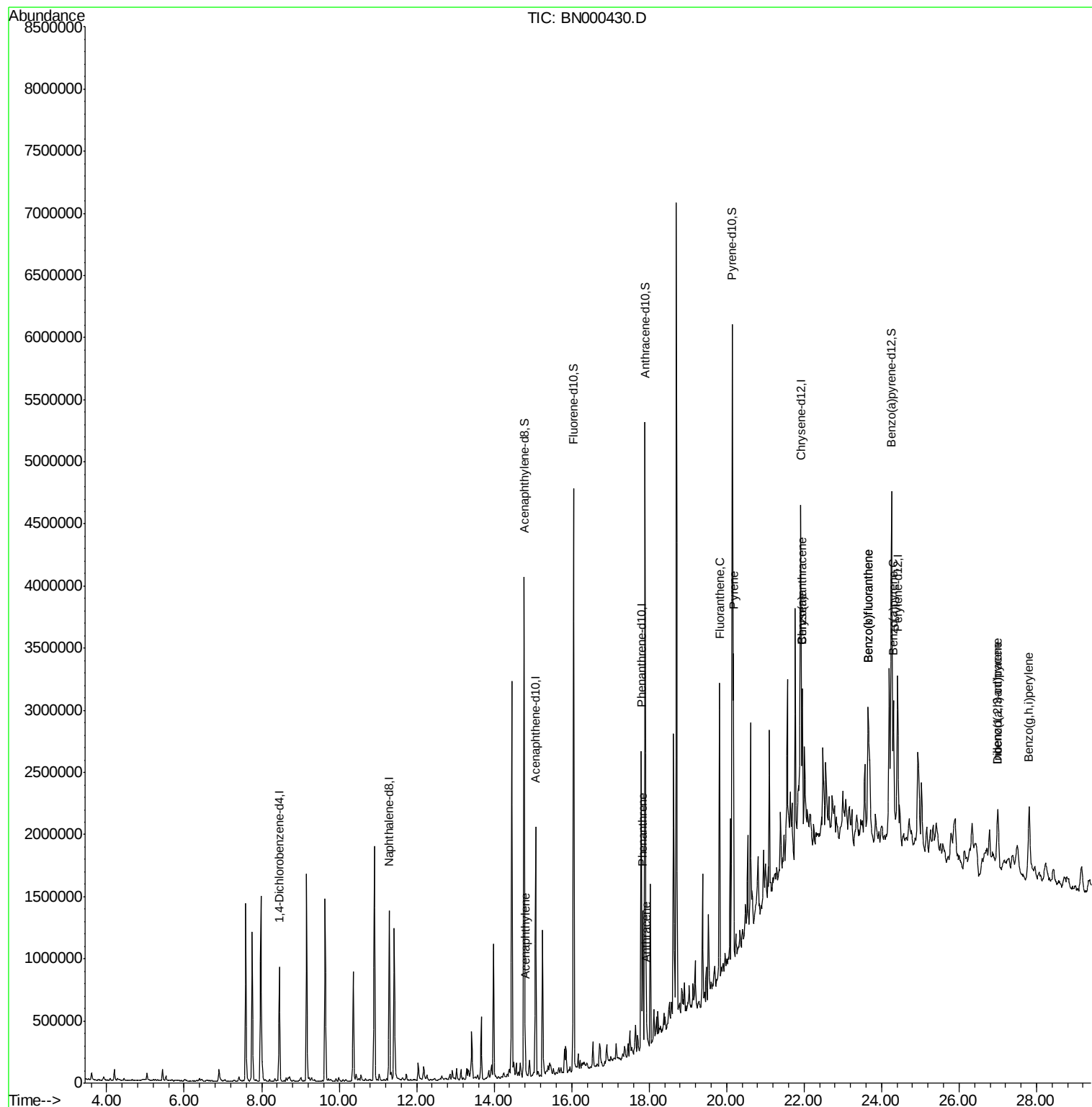
					Ovalue	
8) Acenaphthylene	14.80	152	150581	2.428	ng/ul	97
13) Phenanthrene	17.84	178	544564	7.162	ng/ul	99
15) Anthracene	17.93	178	153465	1.989	ng/ul	99
16) Fluoranthene	19.82	202	1354040	16.482	ng/ul#	94
19) Pyrene	20.18	202	1229318	19.318	ng/ul#	88
20) Benzo(a)anthracene	21.95	228	722526	11.531	ng/ul	92
21) Chrysene	21.95	228	692599	11.648	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	778836	13.793	ng/ul#	92
24) Benzo(k)fluoranthene	23.65	252	778836	14.735	ng/ul#	92
26) Benzo(a)pyrene	24.31	252	667669	12.424	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.00	276	410496	7.084	ng/ul#	79
28) Dibenzo(a,h)anthracene	27.00	278	122824	2.586	ng/ul#	54
29) Benzo(a,h,i)perylene	27.81	276	692712	14.317	ng/ul#	86

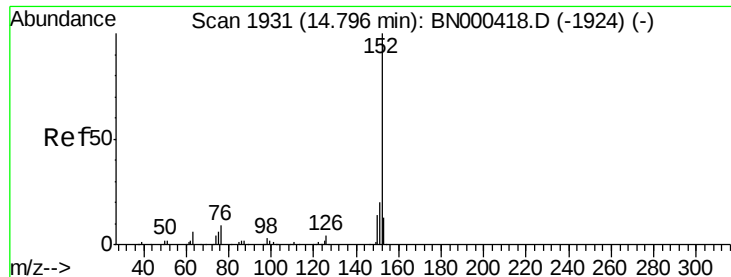
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 16 06:47:18 2018
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#8

Acenaphthylene

Concen: 2.428 ng/ul

RT: 14.80 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampled :

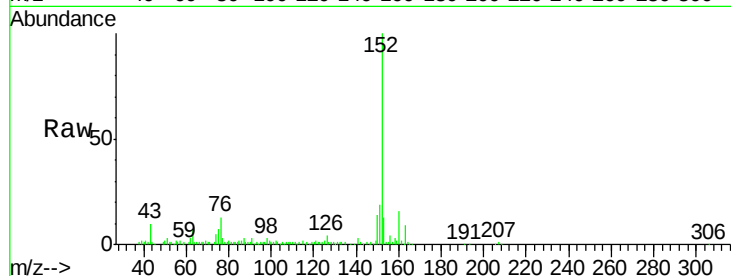
Tot Ion:152 Resp: 150581

Ion Ratio Lower Upper

152 100

151 19.2 16.7 25.1

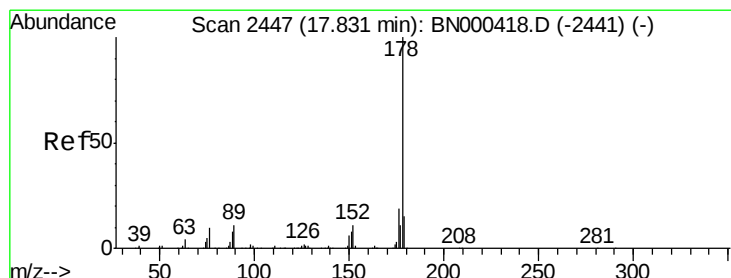
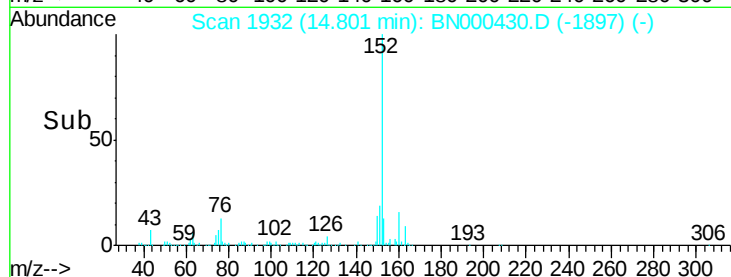
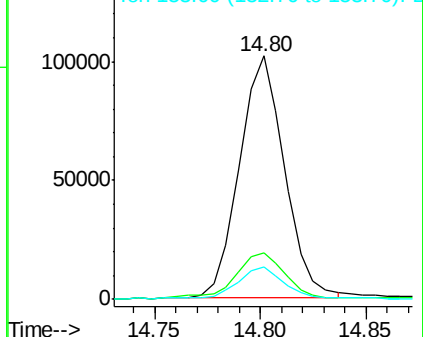
153 13.4 10.2 15.4



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: 7.162 ng/ul

RT: 17.84 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

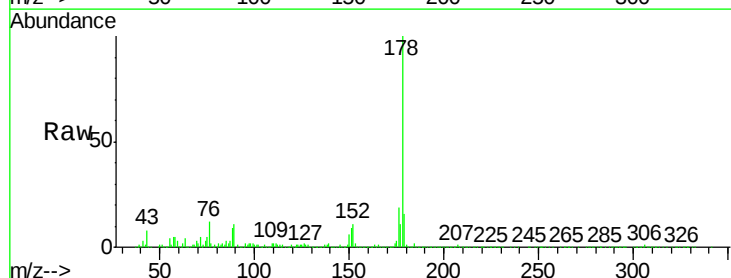
Tgt Ion:178 Resp: 544564

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

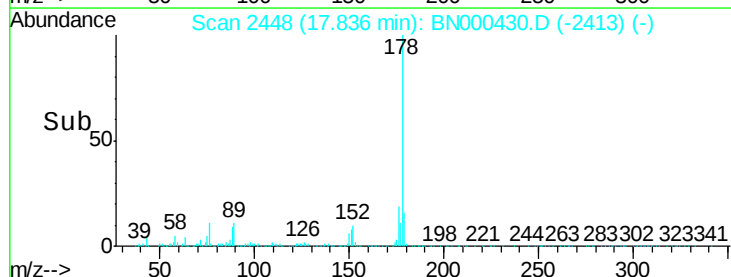
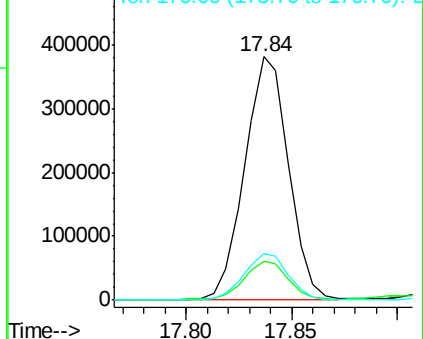
176 19.2 15.1 22.7

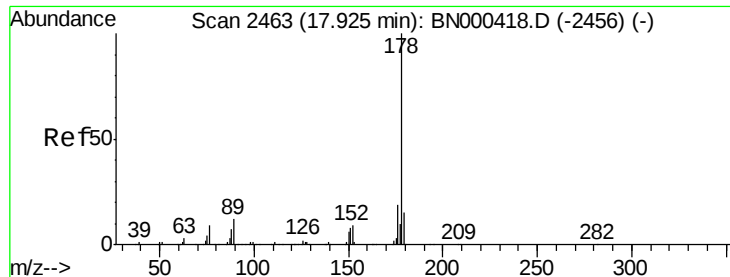


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

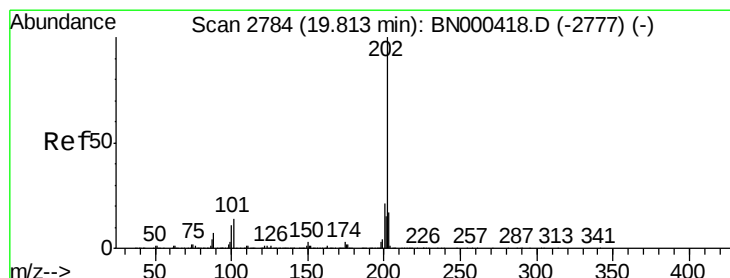
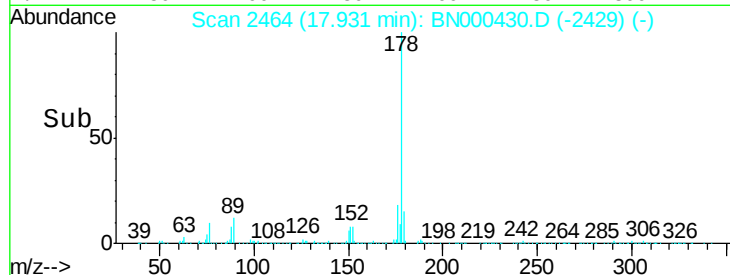
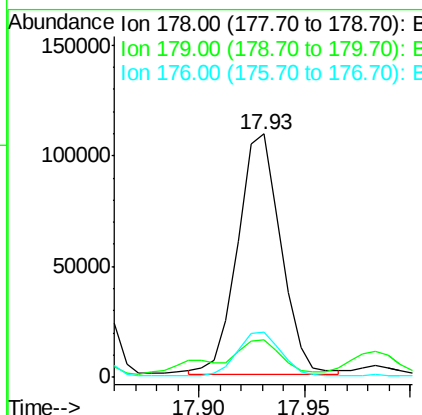
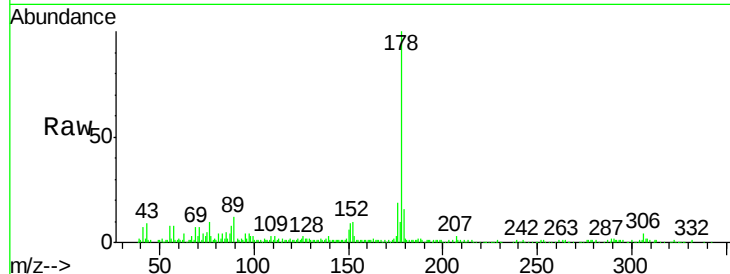




#15
 Anthracene
 Concen: 1.989 ng/ul
 RT: 17.93 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

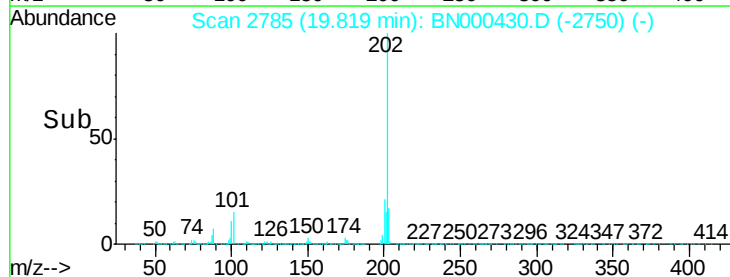
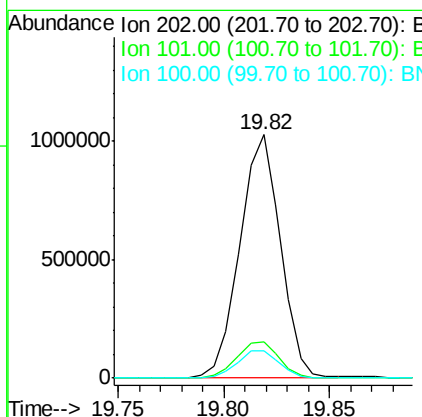
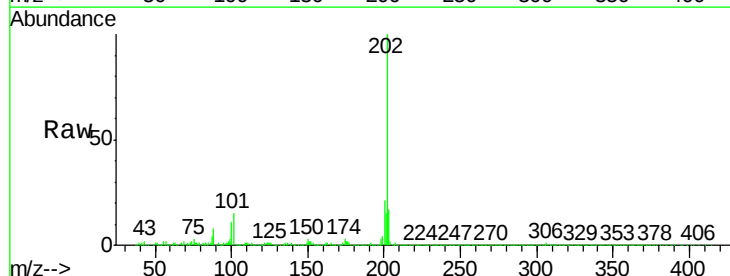
Instrument :
 BNA_N
 ClientSampled :

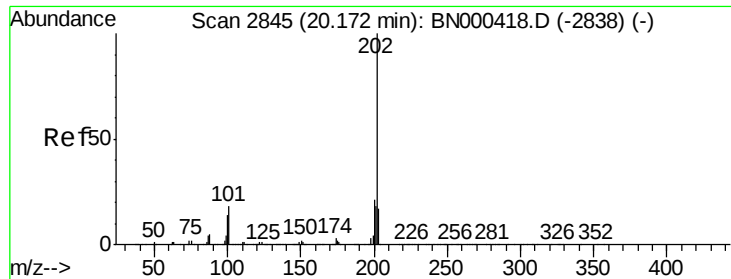
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.8	15.2	22.8



#16
 Fluoranthene
 Concen: 16.482 ng/ul
 RT: 19.82 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

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





#19

Pvrene

Concen: 19.318 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampleId :

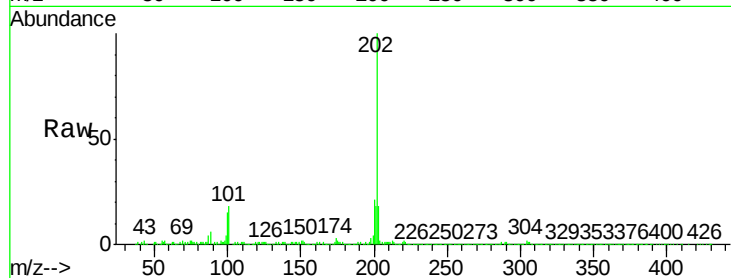
Tot Ion:202 Resp: 1229318

Ion Ratio Lower Upper

202 100

101 18.4 11.0 16.4#

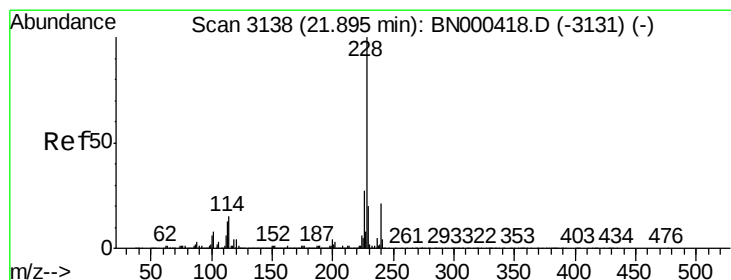
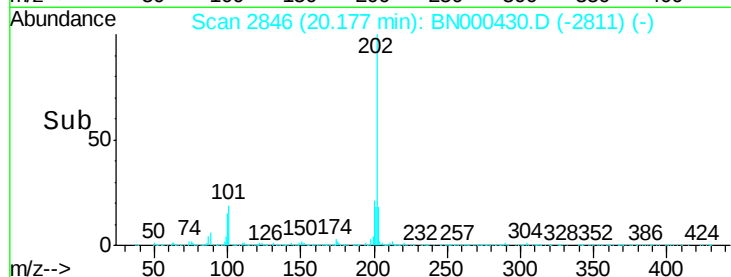
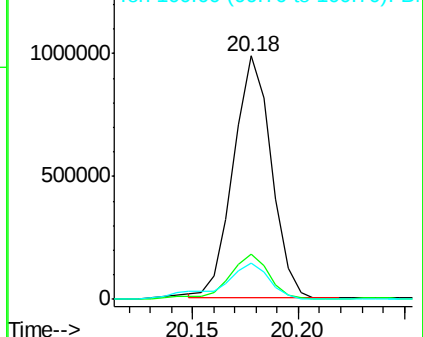
100 14.8 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 11.531 ng/ul

RT: 21.95 min Scan# 3148

Delta R.T. 0.06 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

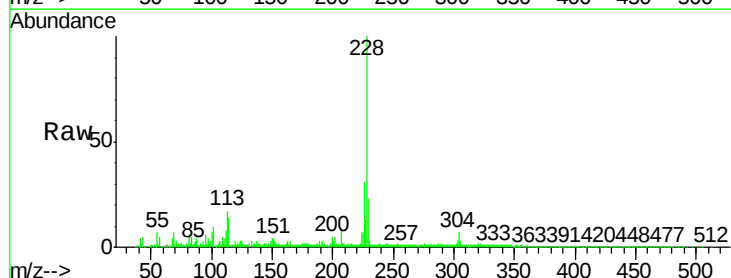
Tgt Ion:228 Resp: 722526

Ion Ratio Lower Upper

228 100

229 23.2 15.7 23.5

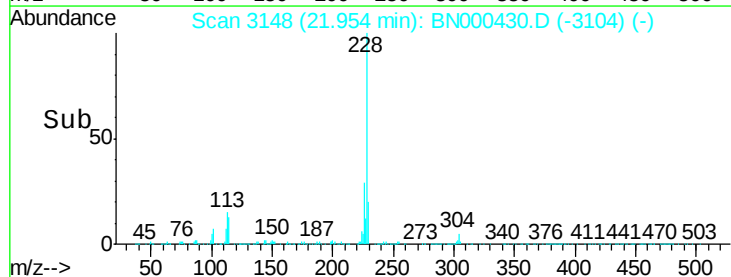
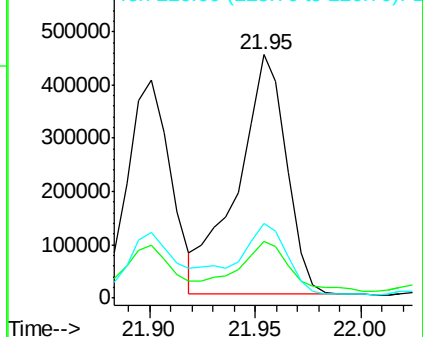
226 30.9 21.1 31.7

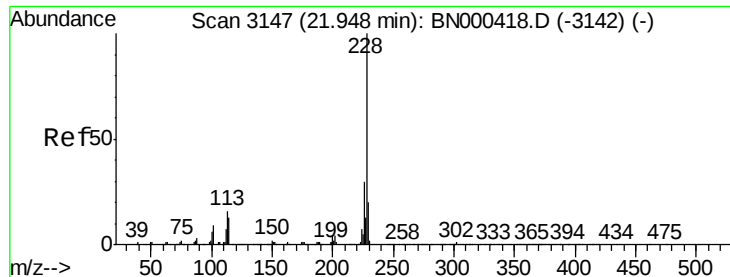


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 11.648 ng/ul

RT: 21.95 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampleId :

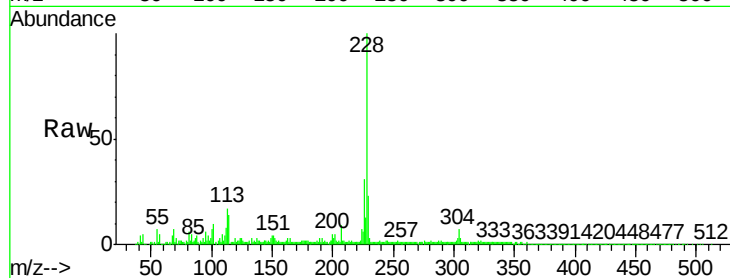
Tot Ion:228 Resp: 692599

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

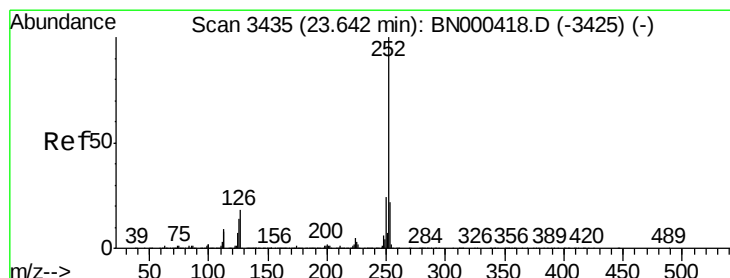
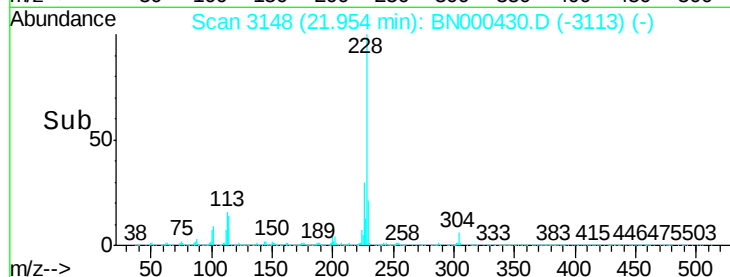
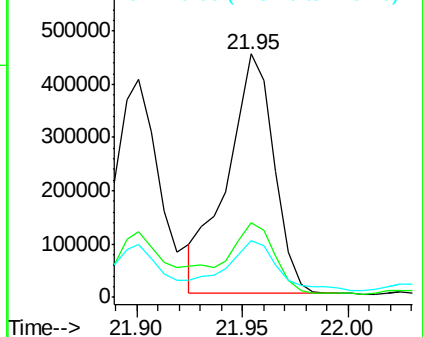
229 23.2 15.8 23.8



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: 13.793 ng/ul

RT: 23.65 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

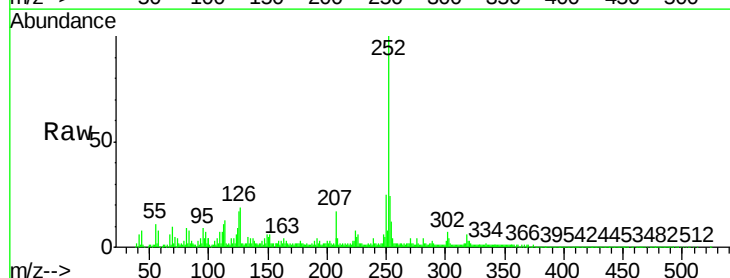
Tgt Ion:252 Resp: 778836

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

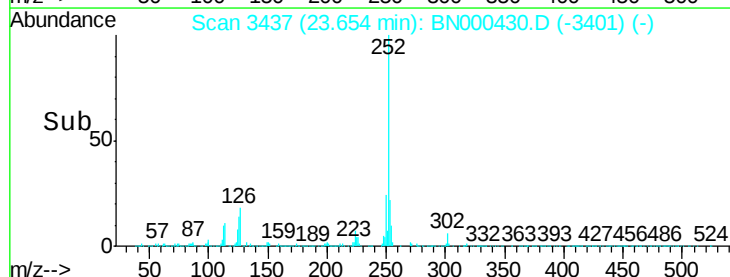
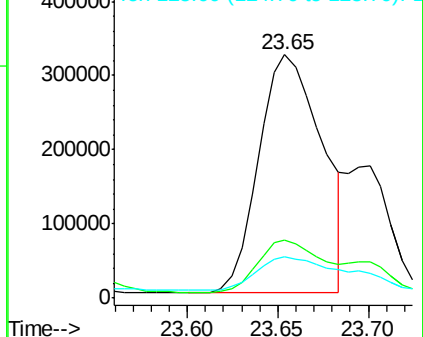
125 17.1 8.0 12.0#

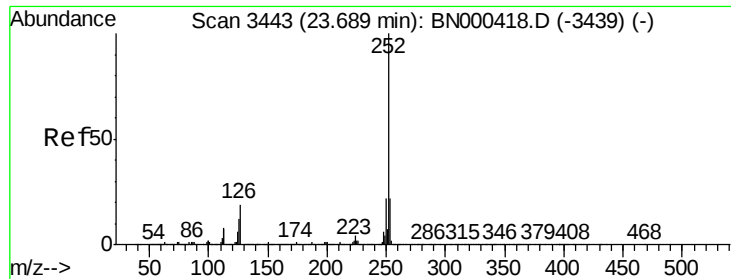


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 14.735 ng/ul

RT: 23.65 min Scan# 3437

Delta R.T. -0.04 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampled :

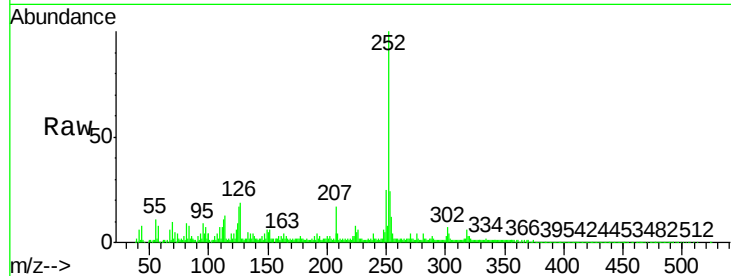
Tot Ion:252 Resp: 778836

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

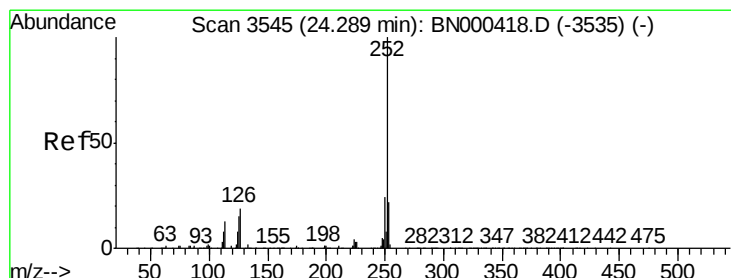
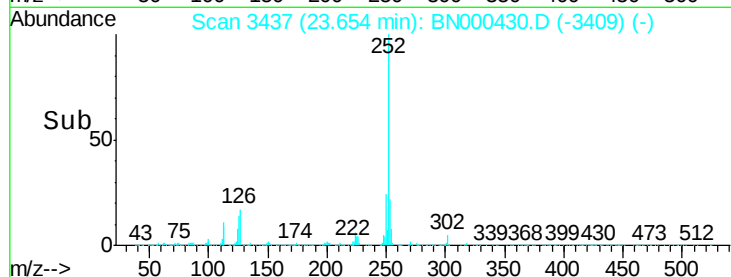
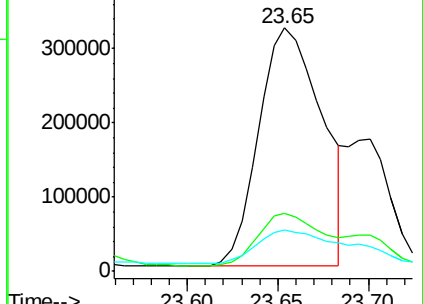
125 17.1 8.1 12.1#



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: 12.424 ng/ul

RT: 24.31 min Scan# 3548

Delta R.T. 0.02 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

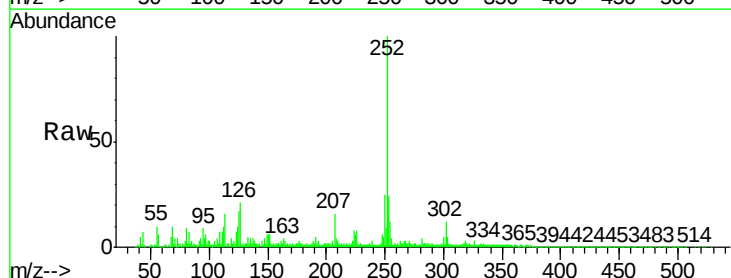
Tgt Ion:252 Resp: 667669

Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

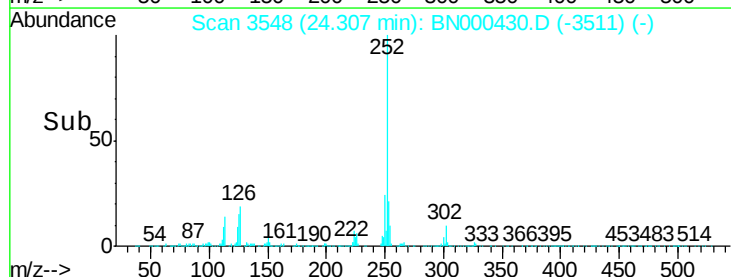
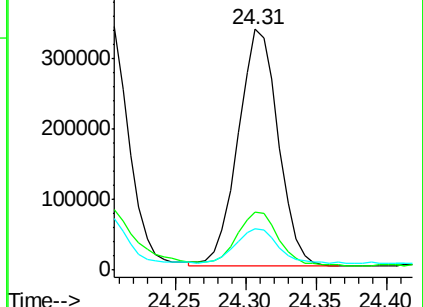
125 17.3 8.2 12.4#

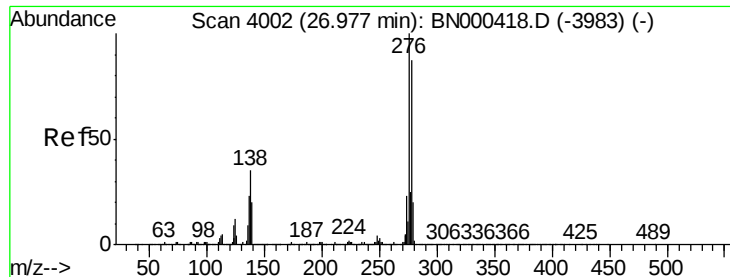


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

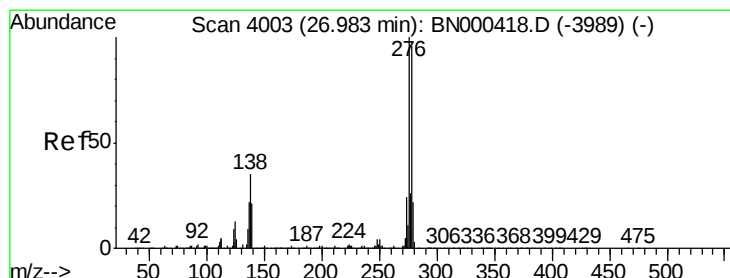
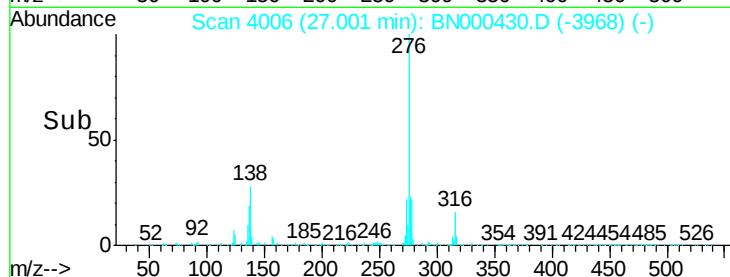
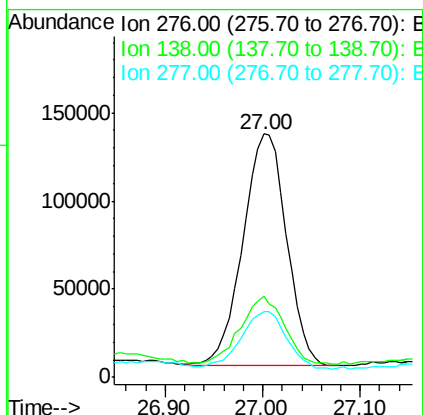
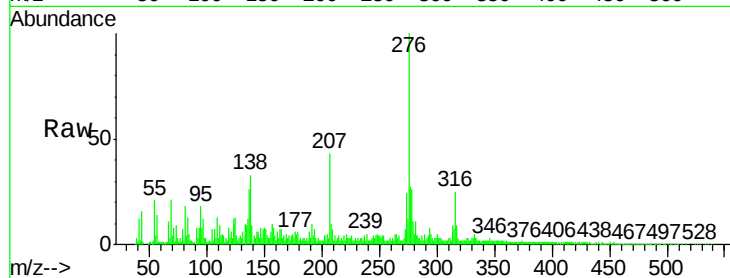




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.084 ng/ul
 RT: 27.00 min Scan# 4006
 Delta R.T. 0.02 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

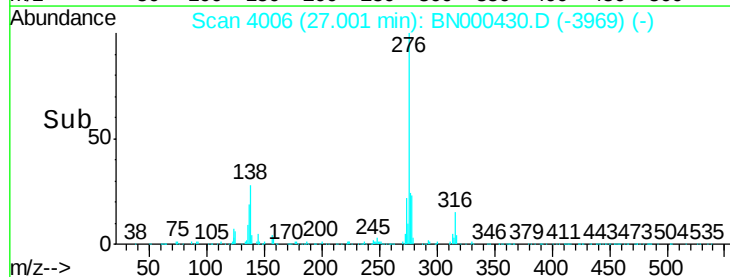
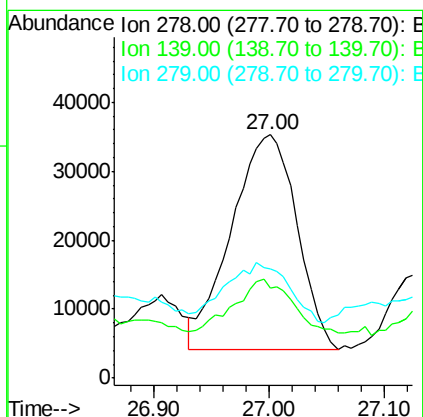
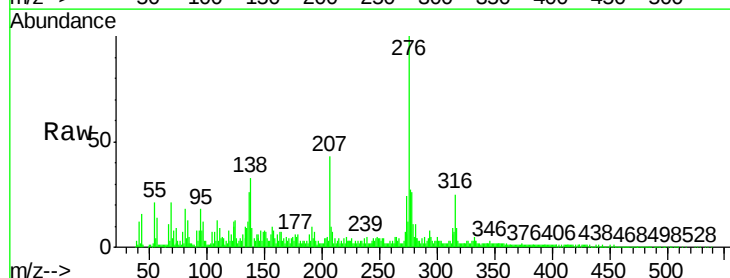
Instrument :
 BNA_N
 ClientSampleId :

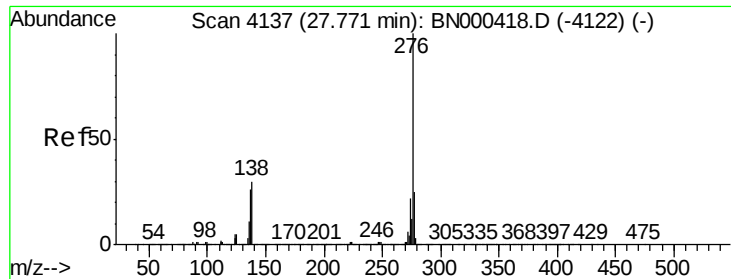
Tot Ion:276 Resp: 410496
 Ion Ratio Lower Upper
 276 100
 138 33.1 14.4 21.6#
 277 27.1 18.0 27.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.586 ng/ul
 RT: 27.00 min Scan# 4006
 Delta R.T. 0.02 min
 Lab File: BN000430.D
 Acq: 15 Mar 2018 23:31

Tgt Ion:278 Resp: 122824
 Ion Ratio Lower Upper
 278 100
 139 36.8 12.2 18.4#
 279 44.7 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 14.317 ng/ul

RT: 27.81 min Scan# 4144

Delta R.T. 0.04 min

Lab File: BN000430.D

Acq: 15 Mar 2018 23:31

Instrument :

BNA_N

ClientSampleId :

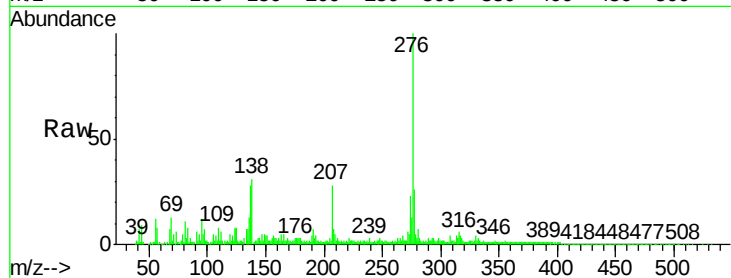
Tot Ion:276 Resp: 692712

Ion Ratio Lower Upper

276 100

138 30.6 15.3 22.9#

277 25.7 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

