

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000400.D
 Acq On : 15 Mar 2018 06:09
 Operator : JU/SJ
 Sample : J1864-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:58:44 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

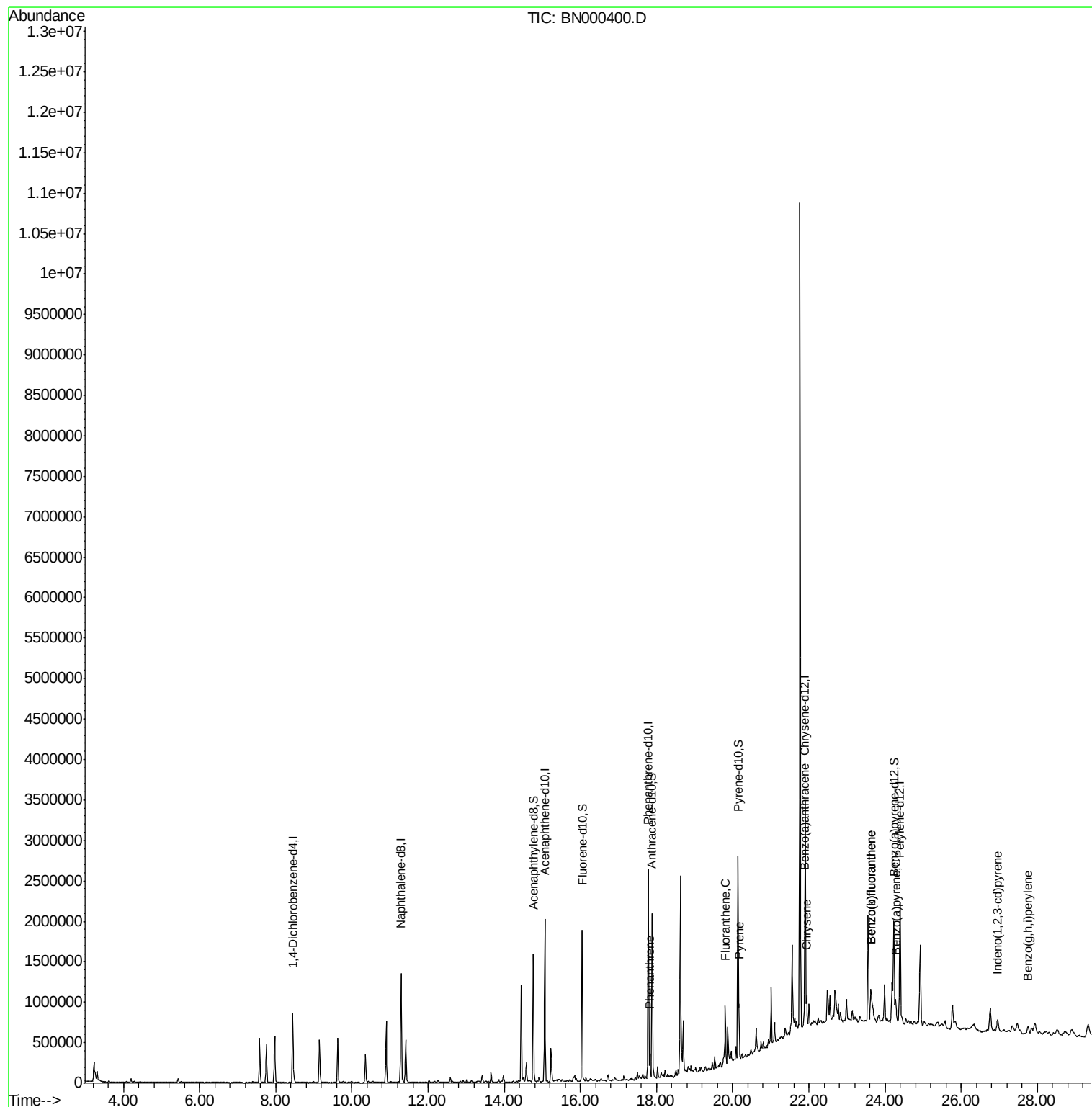
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	238874	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1141985	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	637844	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1392848	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1198363	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1072969	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1071494	16.93	ng/ul	0.00
10) Fluorene-d10	16.05	176	704310	16.43	ng/ul	0.00
14) Anthracene-d10	17.88	188	1074284	16.51	ng/ul	0.00
18) Pyrene-d10	20.14	212	1119598	19.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	820389	16.74	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	146691	1.836	ng/ul	99
16) Fluoranthene	19.80	202	395482	4.582	ng/ul#	92
19) Pyrene	20.17	202	361147	4.773	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	202594	2.719	ng/ul	96
21) Chrysene	21.94	228	209154	2.958	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	288117	4.503	ng/ul#	93
24) Benzo(k)fluoranthene	23.63	252	288117	4.811	ng/ul#	93
26) Benzo(a)pyrene	24.28	252	178512	2.932	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.96	276	131393	2.001	ng/ul#	82
29) Benzo(g,h,i)perylene	27.76	276	133503	2.435	ng/ul#	85

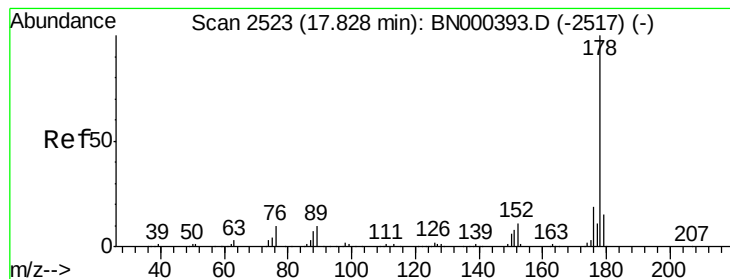
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.836 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000400.D

Acq: 15 Mar 2018 06:09

Instrument :

BNA_N

ClientSampleId :

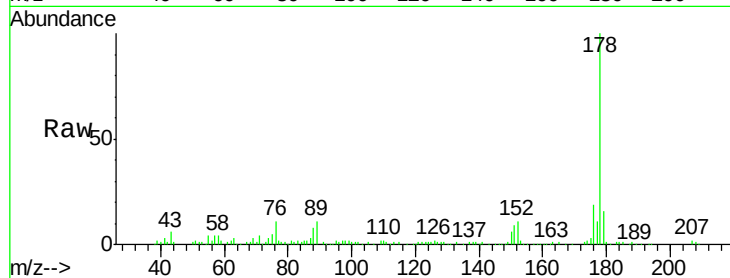
Tot Ion:178 Resp: 146691

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

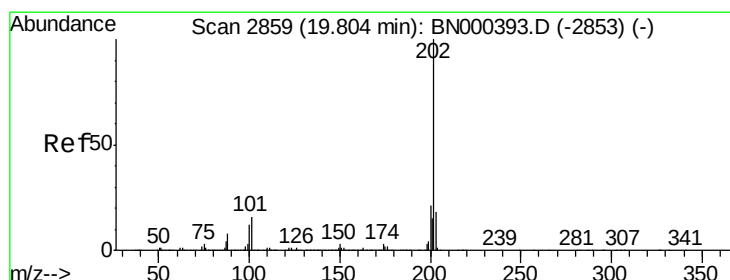
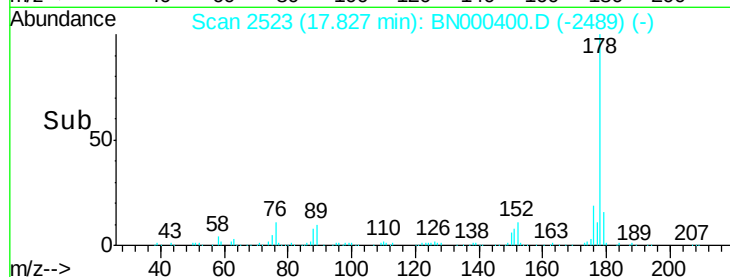
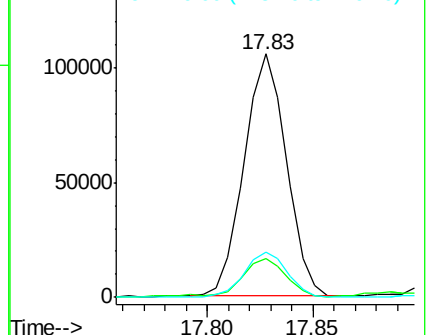
176 18.6 15.1 22.7



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: 4.582 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000400.D

Acq: 15 Mar 2018 06:09

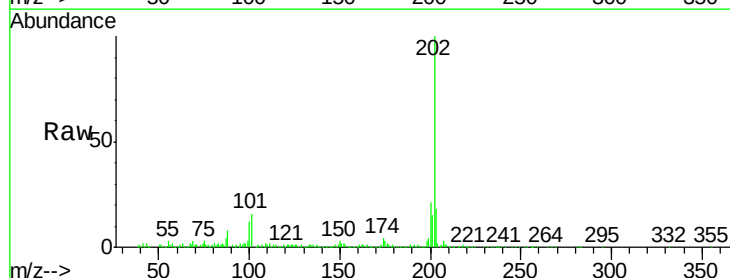
Tgt Ion:202 Resp: 395482

Ion Ratio Lower Upper

202 100

101 16.0 9.9 14.9#

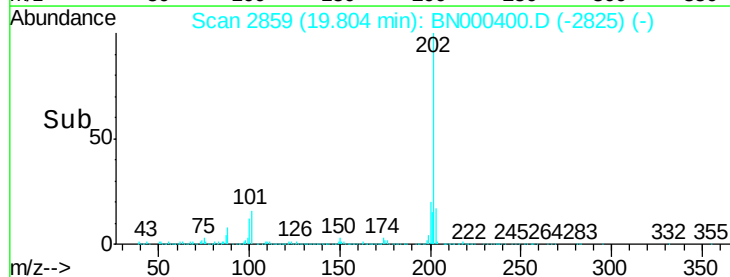
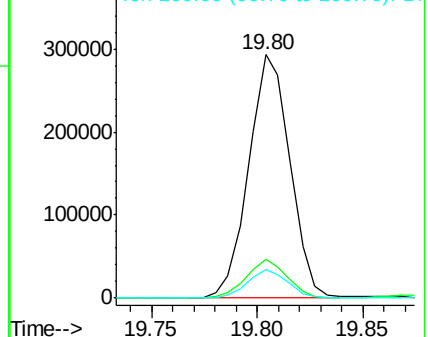
100 12.0 7.4 11.0#

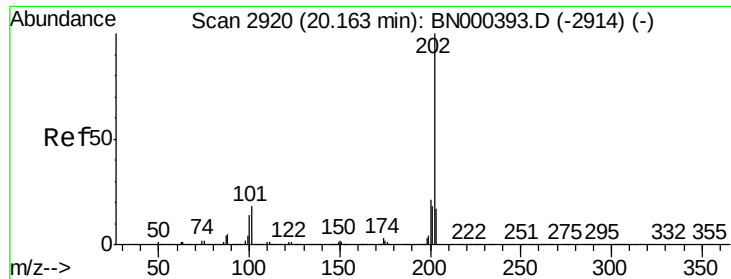


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

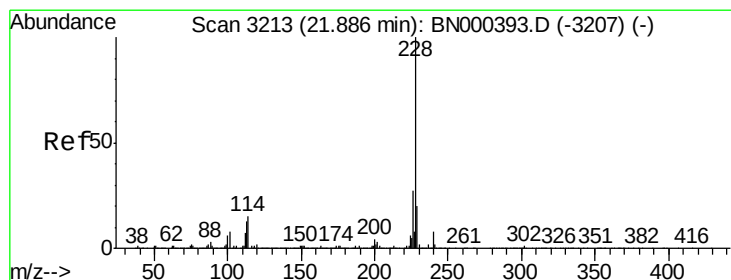
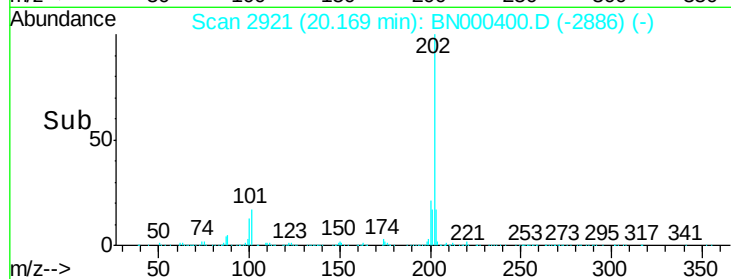
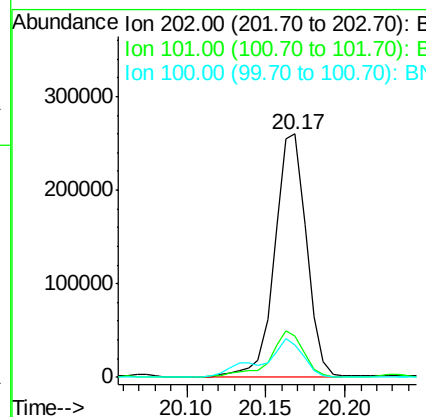
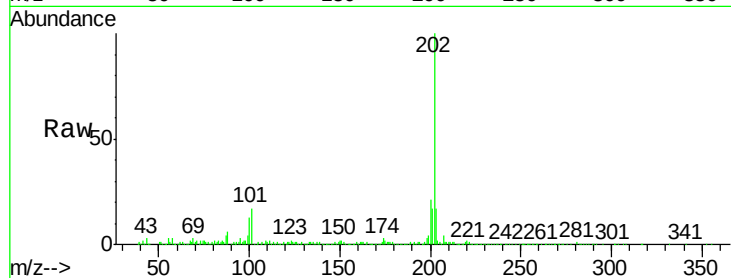




#19
Pvrene
Concen: 4.773 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000400.D
Acq: 15 Mar 2018 06:09

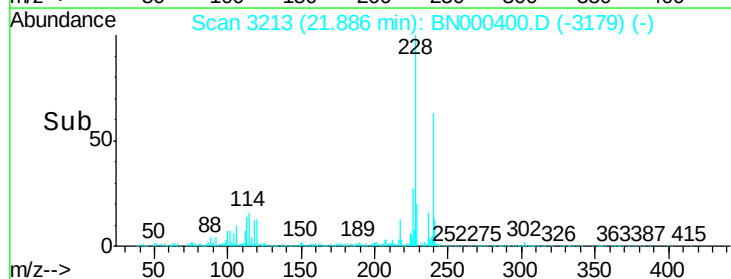
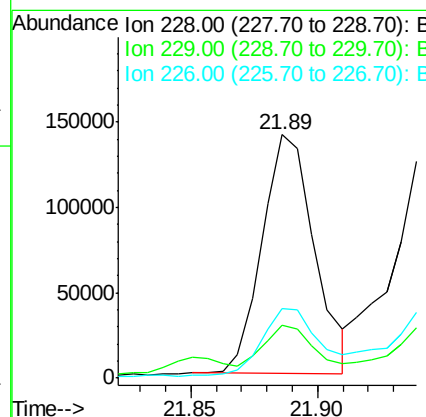
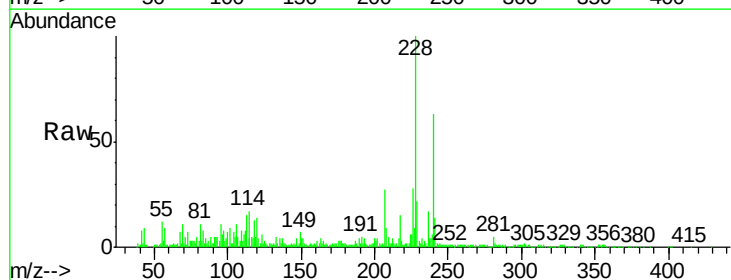
Instrument :
BNA_N
ClientSampleId :

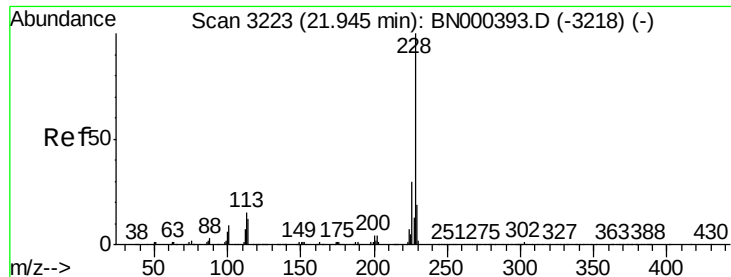
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	13.4	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 2.719 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000400.D
Acq: 15 Mar 2018 06:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.3	21.1	31.7





#21

Chrysene

Concen: 2.958 ng/ul

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000400.D

Acq: 15 Mar 2018 06:09

Instrument :

BNA_N

ClientSampled :

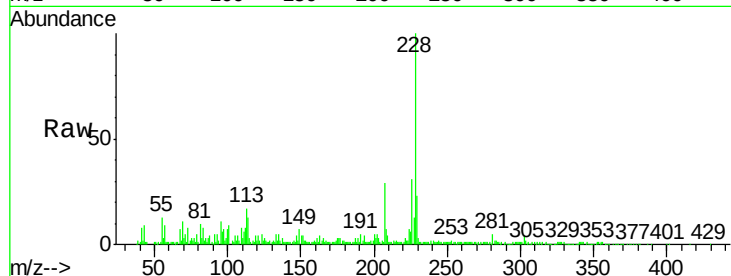
Tot Ion:228 Resp: 209154

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

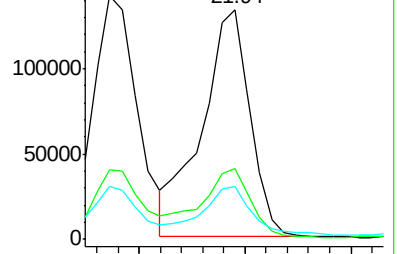
229 22.9 15.8 23.8



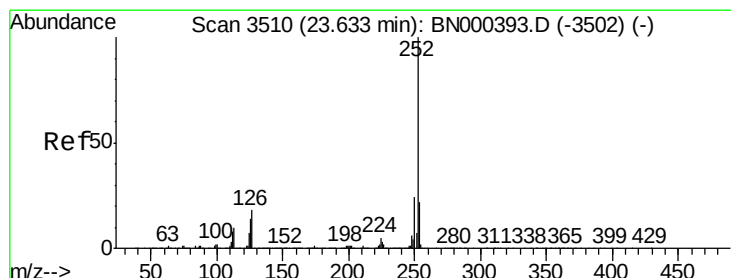
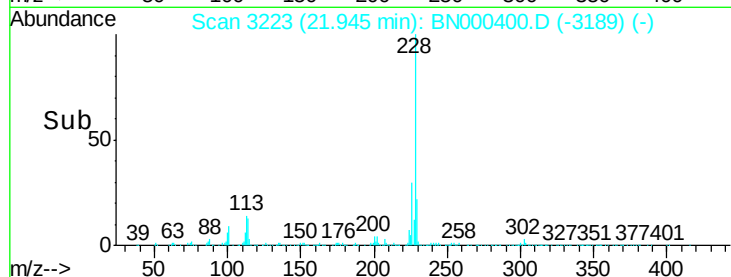
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 4.503 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BN000400.D

Acq: 15 Mar 2018 06:09

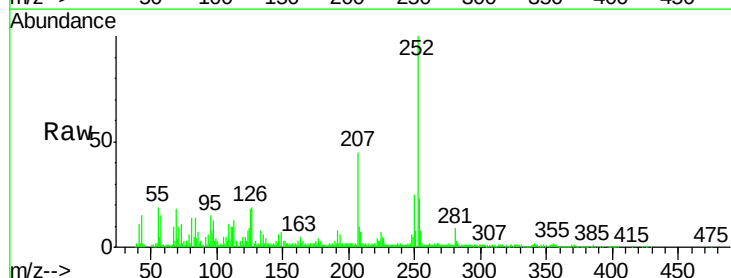
Tgt Ion:252 Resp: 288117

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

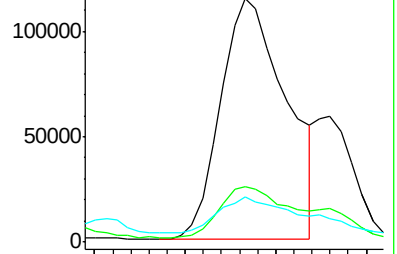
125 18.3 8.0 12.0#



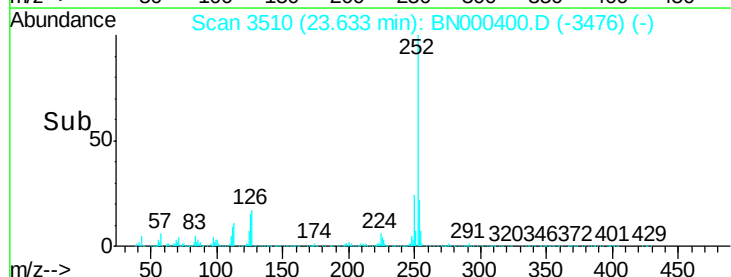
Abundance Ion 252.00 (251.70 to 252.70): E

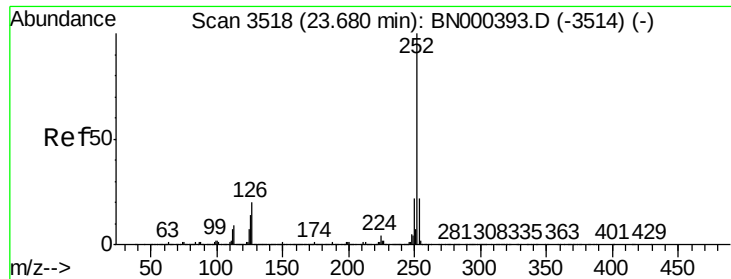
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

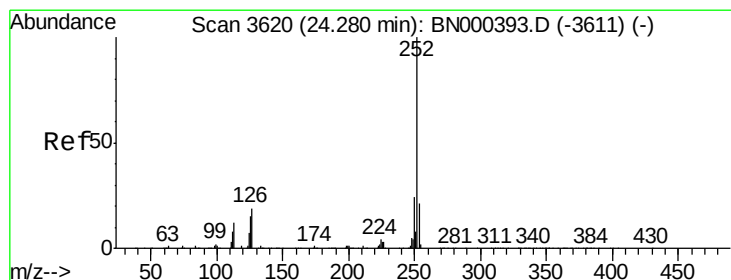
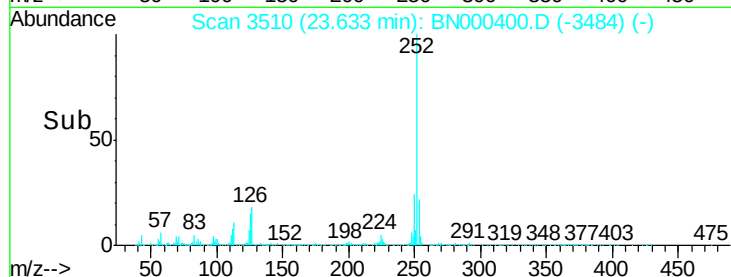
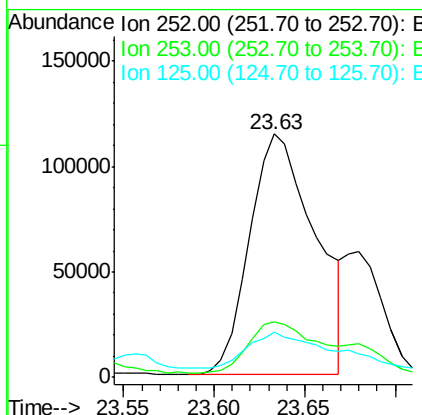
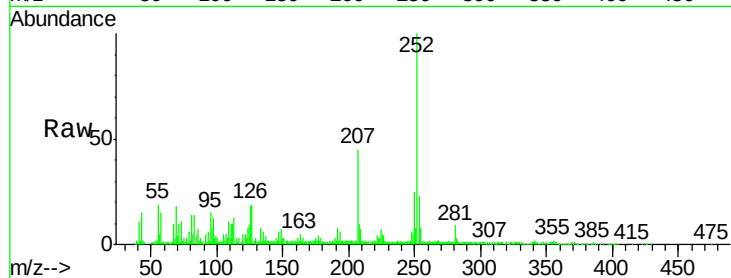




#24
Benzo(k)fluoranthene
Concen: 4.811 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000400.D
Acq: 15 Mar 2018 06:09

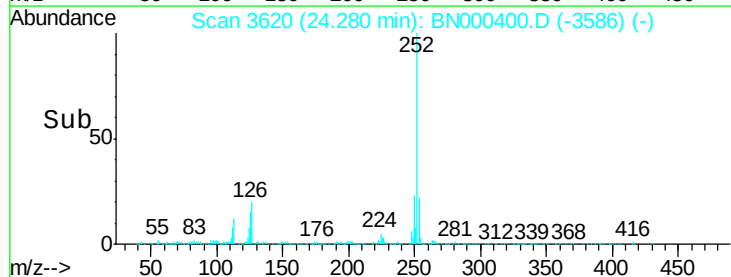
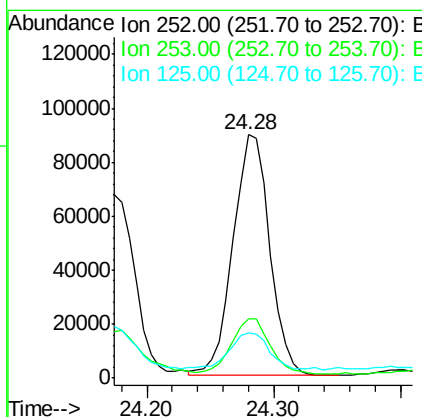
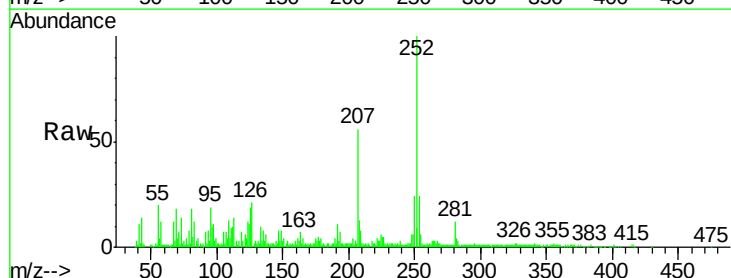
Instrument :
BNA_N
ClientSampleId :

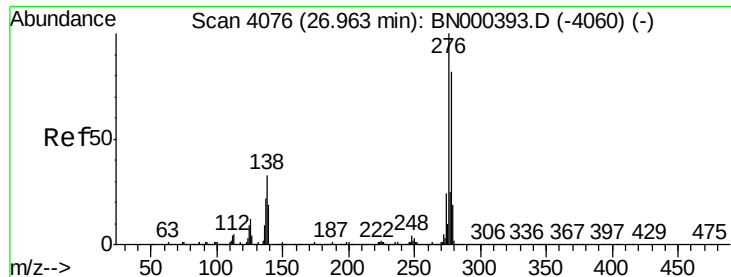
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	18.3	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 2.932 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000400.D
Acq: 15 Mar 2018 06:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	18.7	8.2	12.4#

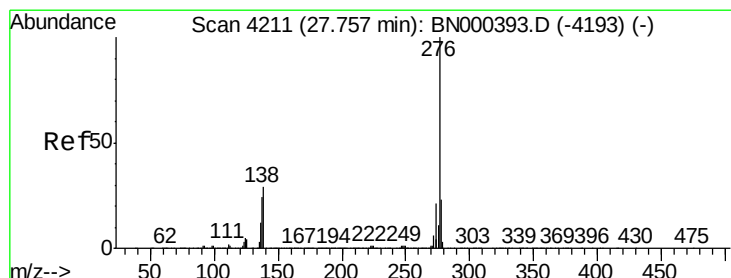
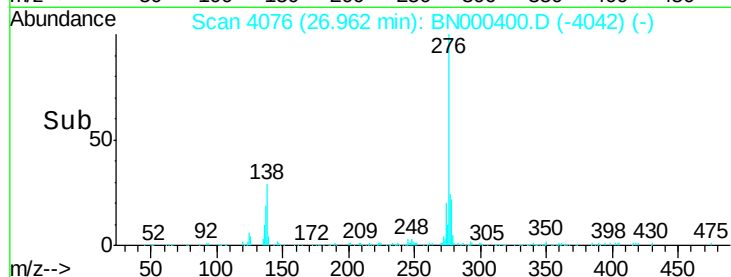
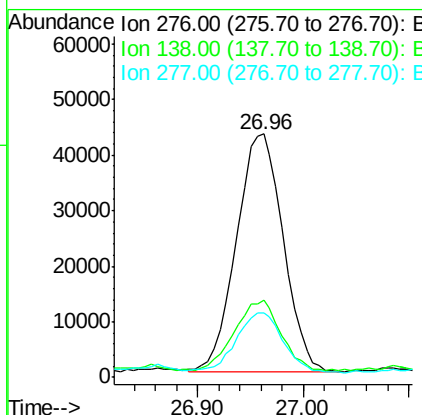
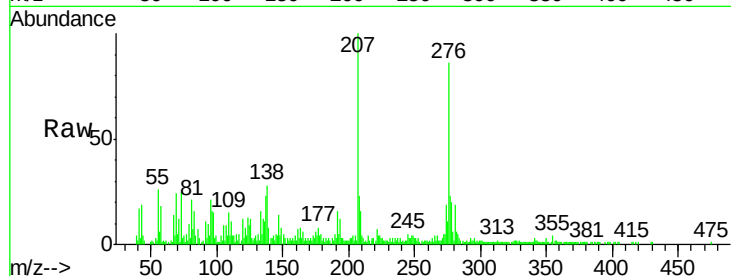




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.001 ng/ul
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: BN000400.D
 Acq: 15 Mar 2018 06:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	14.4	21.6#
277	26.3	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.435 ng/ul
 RT: 27.76 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: BN000400.D
 Acq: 15 Mar 2018 06:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	15.3	22.9#
277	24.7	19.0	28.4

