

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000403.D
 Acq On : 15 Mar 2018 07:52
 Operator : JU/SJ
 Sample : J1845-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 08:24:45 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

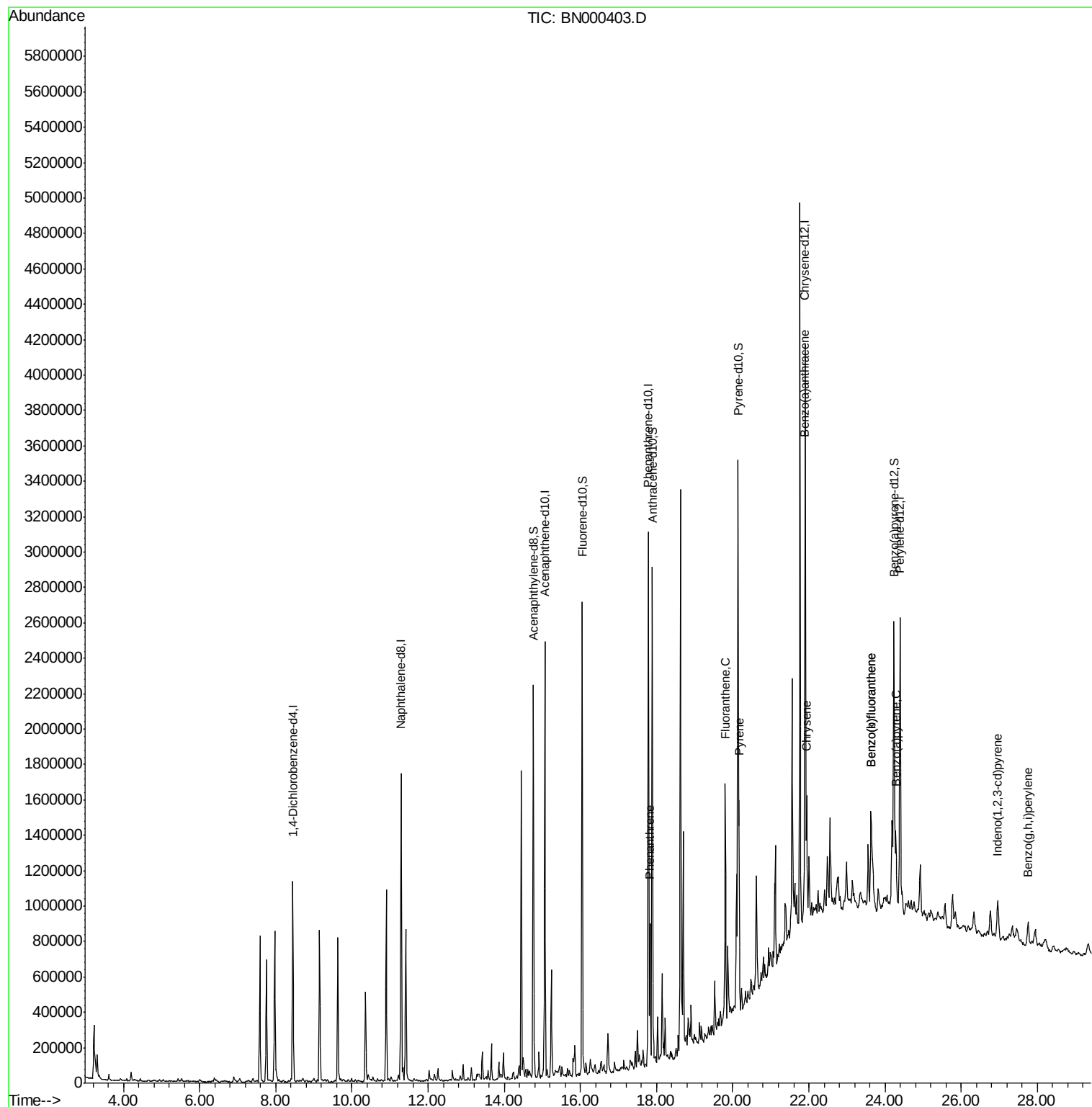
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	306685	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1454978	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	793293	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1663210	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1318741	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1186327	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1490782	18.93	ng/ul	0.00
10) Fluorene-d10	16.05	176	965436	18.11	ng/ul	0.00
14) Anthracene-d10	17.89	188	1434613	18.46	ng/ul	0.00
18) Pyrene-d10	20.14	212	1447911	22.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1030234	19.02	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	408946	4.287	ng/ul	99
16) Fluoranthene	19.81	202	768307	7.455	ng/ul#	94
19) Pyrene	20.17	202	650202	7.809	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	323683	3.948	ng/ul	96
21) Chrysene	21.94	228	349456	4.492	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	457724	6.470	ng/ul#	93
24) Benzo(k)fluoranthene	23.64	252	457724	6.912	ng/ul#	93
26) Benzo(a)pyrene	24.29	252	267506	3.973	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.96	276	185793	2.559	ng/ul#	84
29) Benzo(g,h,i)perylene	27.76	276	164162	2.708	ng/ul#	86

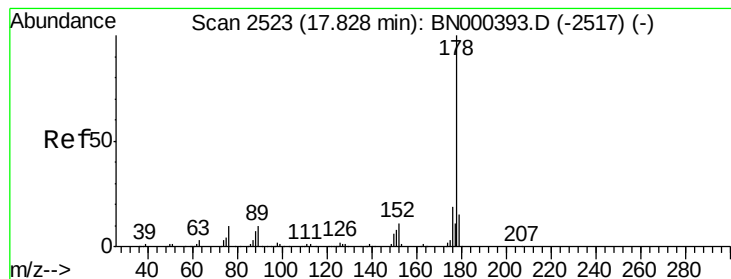
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000403.D
Acq On : 15 Mar 2018 07:52
Operator : JU/SJ
Sample : J1845-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 15 08:24:45 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





#13

Phenanthrene

Concen: 4.287 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

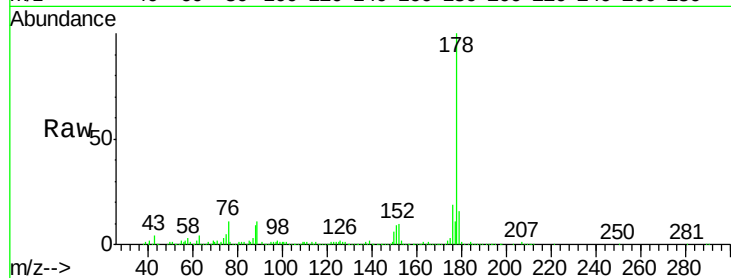
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 408946

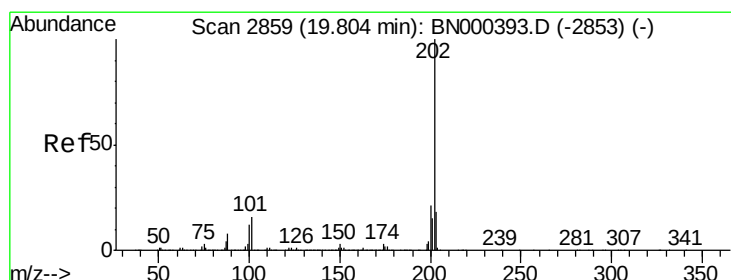
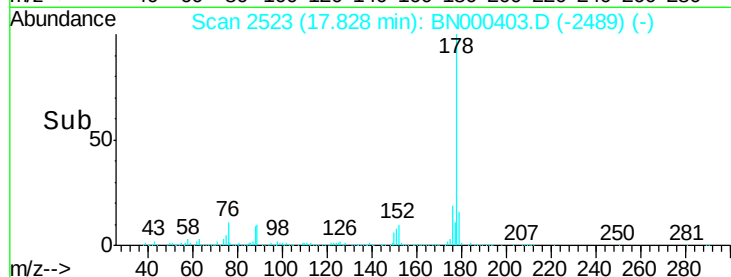
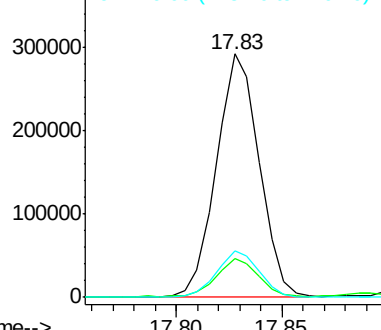
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.3	15.1	22.7



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: 7.455 ng/ul

RT: 19.81 min Scan# 2860

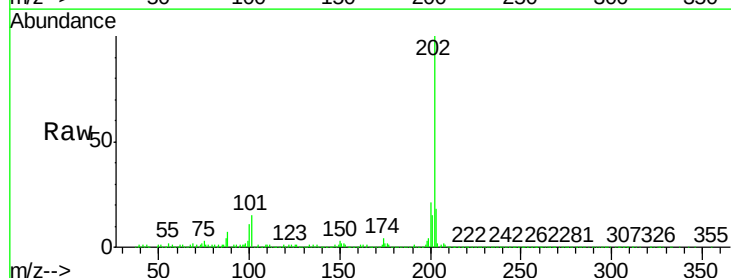
Delta R.T. 0.01 min

Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

Tgt Ion:202 Resp: 768307

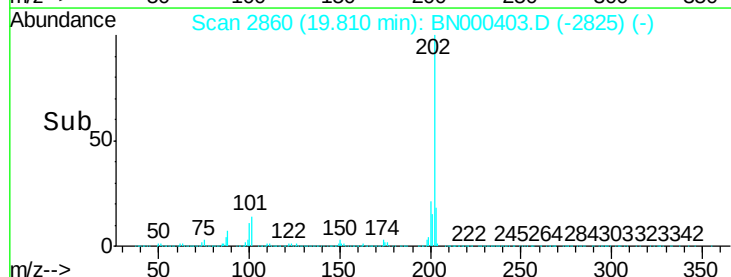
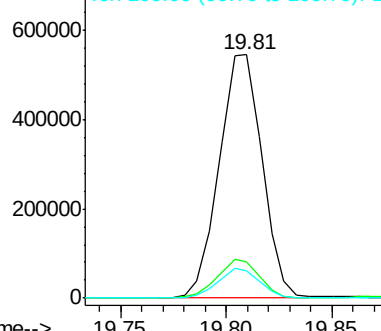
Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.3	7.4	11.0

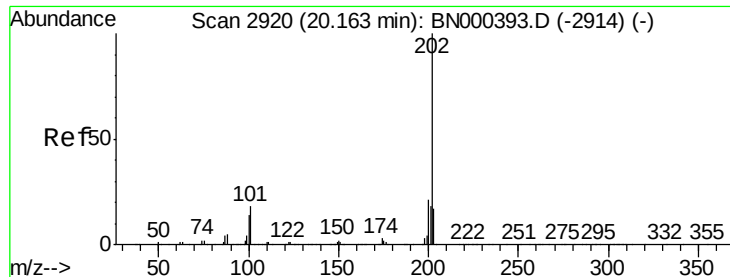


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

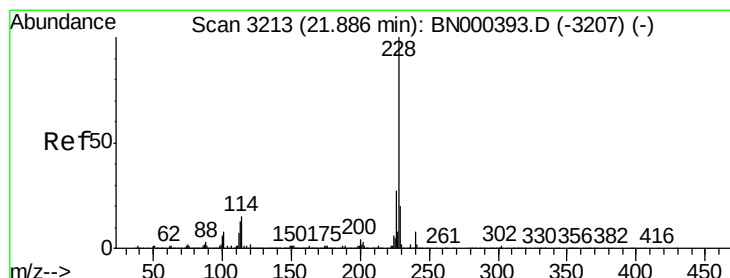
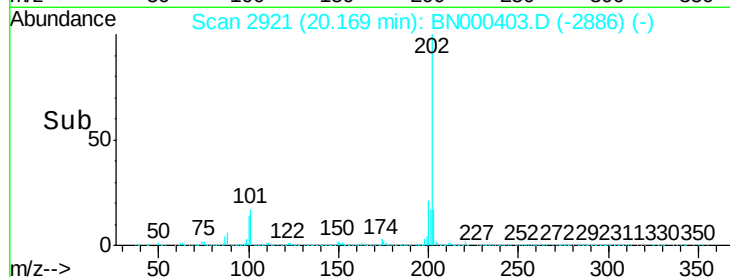
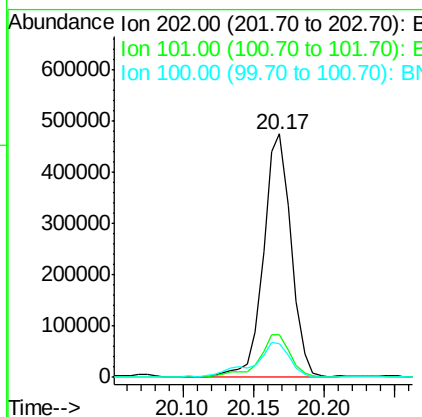
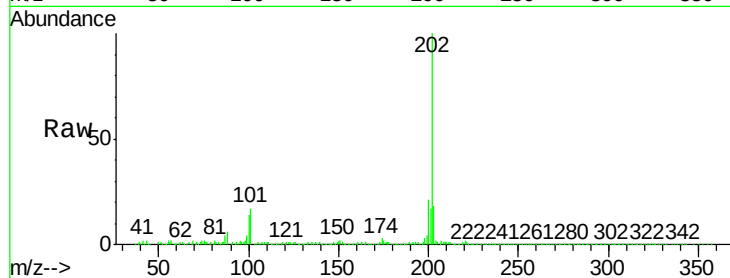




#19
Pvrene
Concen: 7.809 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

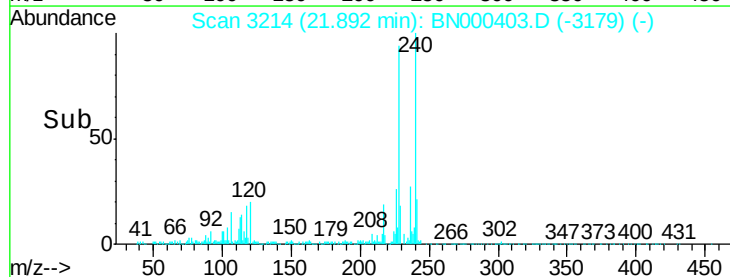
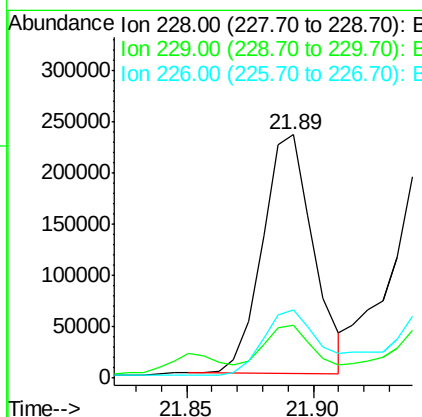
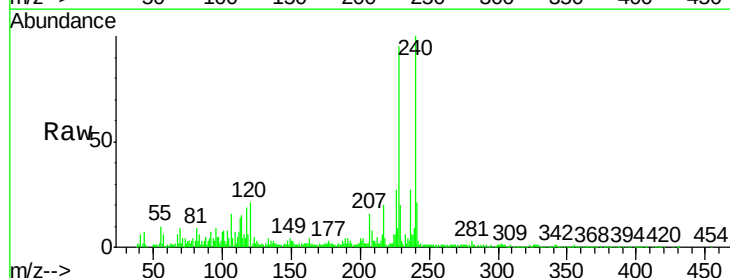
Instrument :
BNA_N
ClientSampleId :

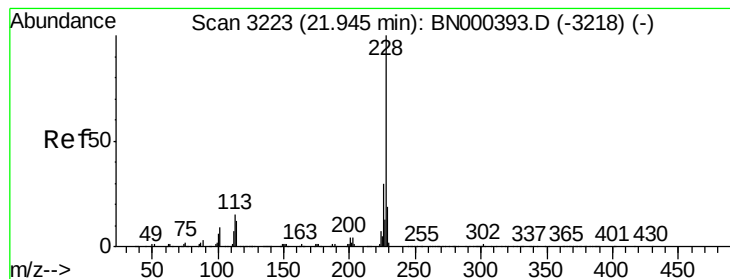
Tot Ion:202 Resp: 650202
Ion Ratio Lower Upper
202 100
101 17.3 11.0 16.4#
100 14.0 8.1 12.1#



#20
Benzo(a)anthracene
Concen: 3.948 ng/ul
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Tgt Ion:228 Resp: 323683
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.3 21.1 31.7





#21

Chrysene

Concen: 4.492 ng/ul

RT: 21.94 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

Instrument :

BNA_N

ClientSampleId :

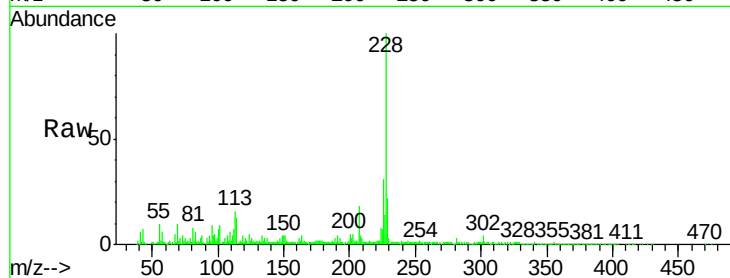
Tot Ion:228 Resp: 349456

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

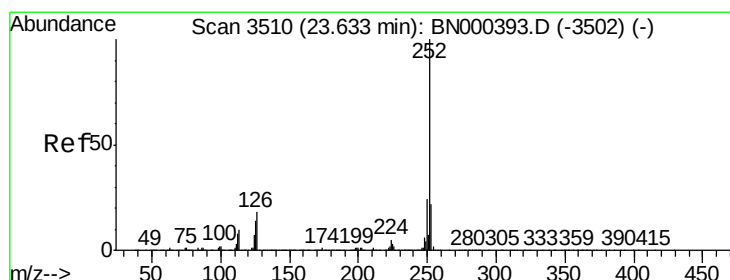
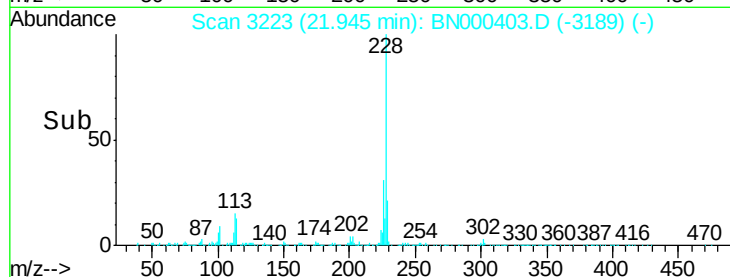
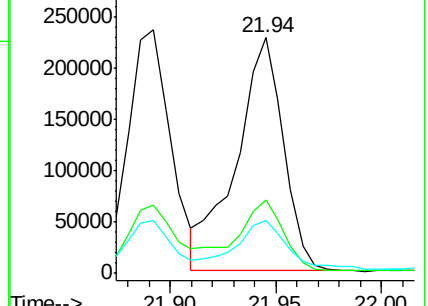
229 22.5 15.8 23.8



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: 6.470 ng/ul

RT: 23.64 min Scan# 3511

Delta R.T. 0.01 min

Lab File: BN000403.D

Acq: 15 Mar 2018 07:52

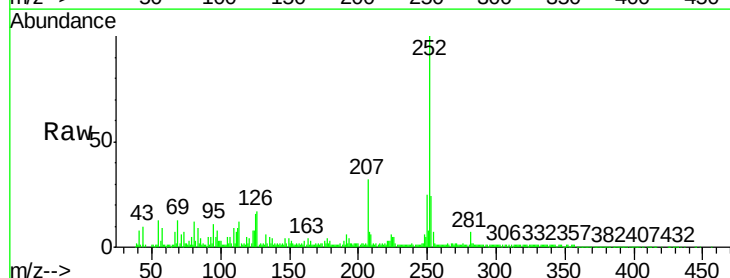
Tgt Ion:252 Resp: 457724

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

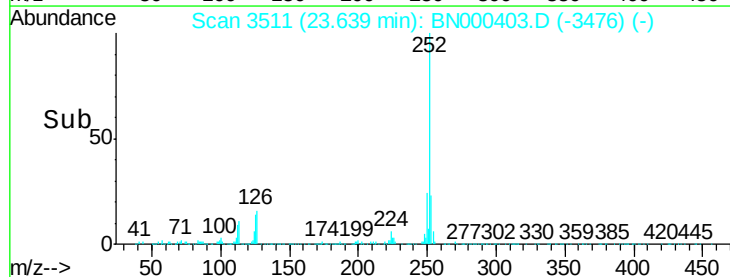
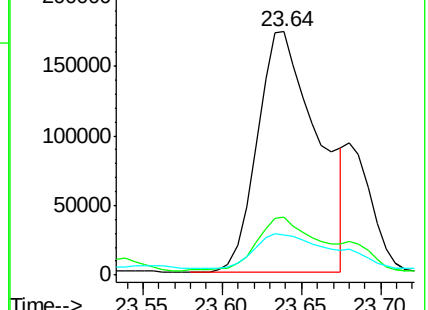
125 16.4 8.0 12.0#

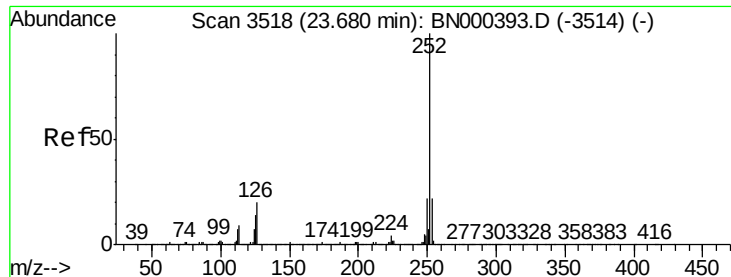


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

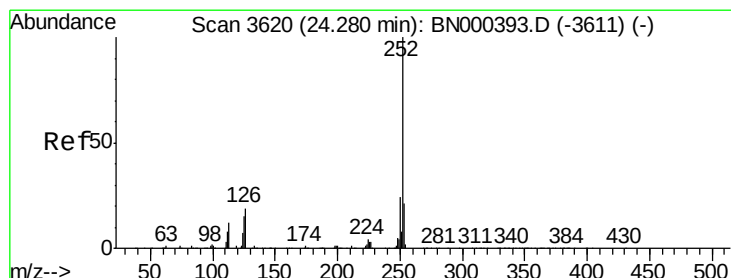
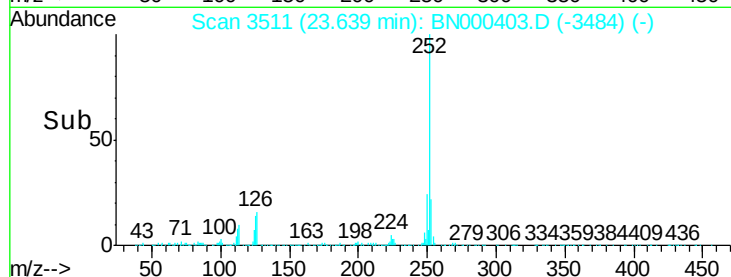
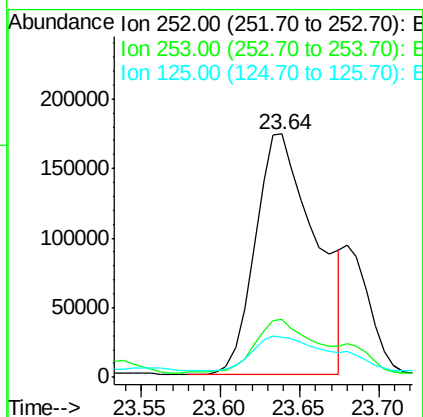
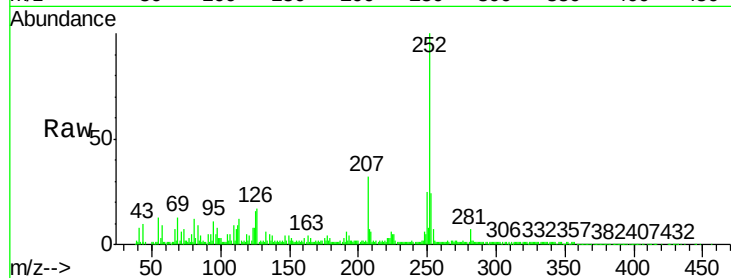




#24
Benzo(k)fluoranthene
Concen: 6.912 ng/ul
RT: 23.64 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

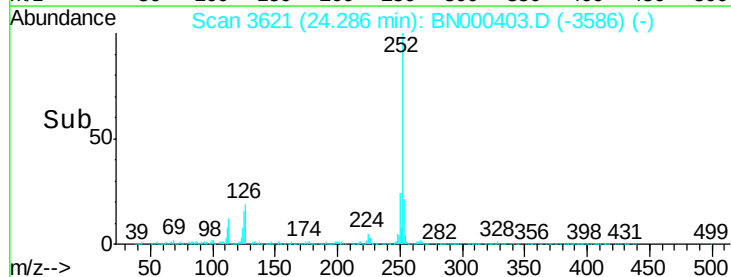
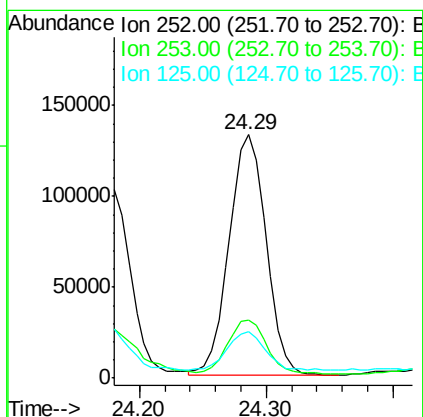
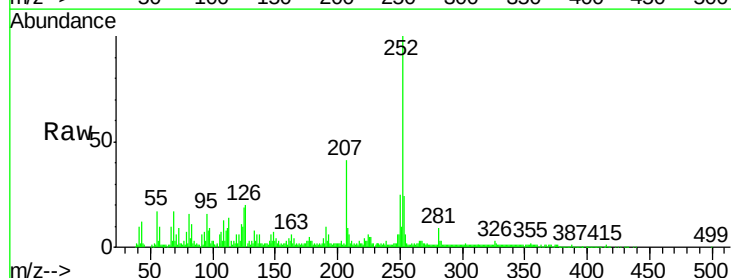
Instrument :
BNA_N
ClientSampled :

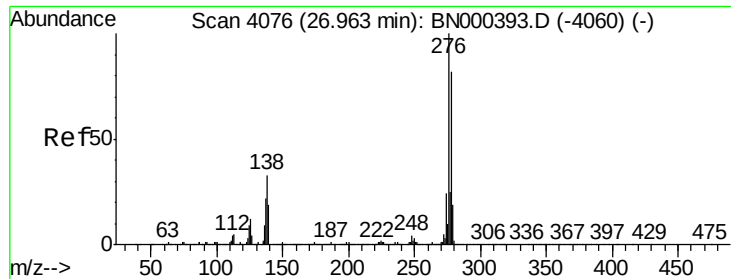
Tot Ion:252 Resp: 457724
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 16.4 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 3.973 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000403.D
Acq: 15 Mar 2018 07:52

Tgt Ion:252 Resp: 267506
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 19.2 8.2 12.4#

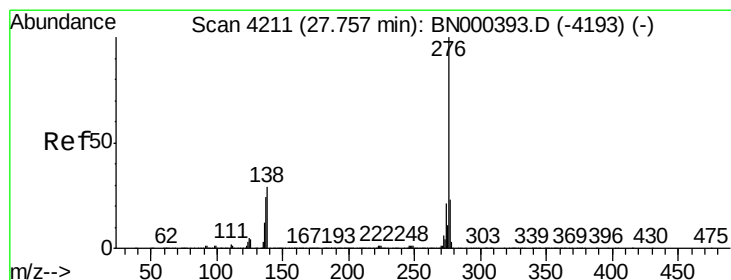
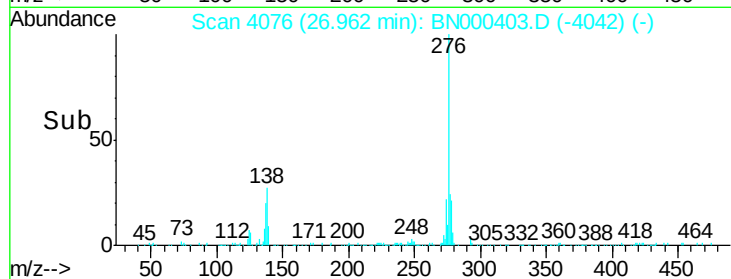
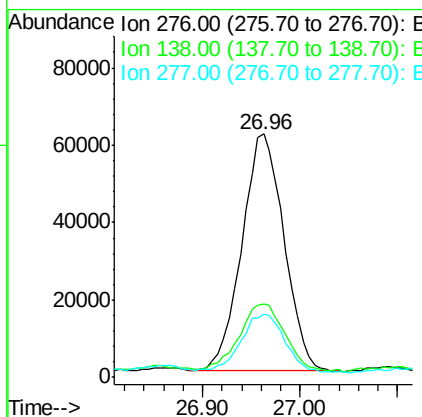
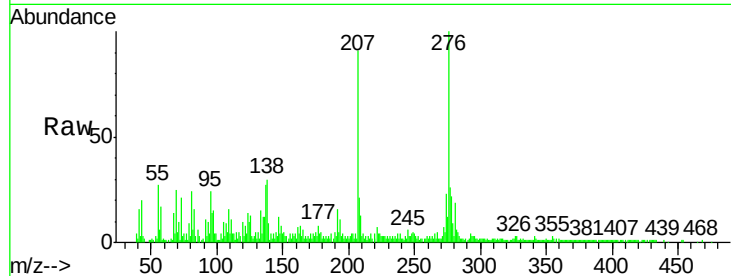




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.559 ng/ul
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: BN000403.D
 Acq: 15 Mar 2018 07:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	14.4	21.6#
277	25.9	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.708 ng/ul
 RT: 27.76 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: BN000403.D
 Acq: 15 Mar 2018 07:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	15.3	22.9#
277	25.9	19.0	28.4

