

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000293.D
 Acq On : 09 Mar 2018 21:45
 Operator : JU/SJ
 Sample : J1844-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 23:52:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

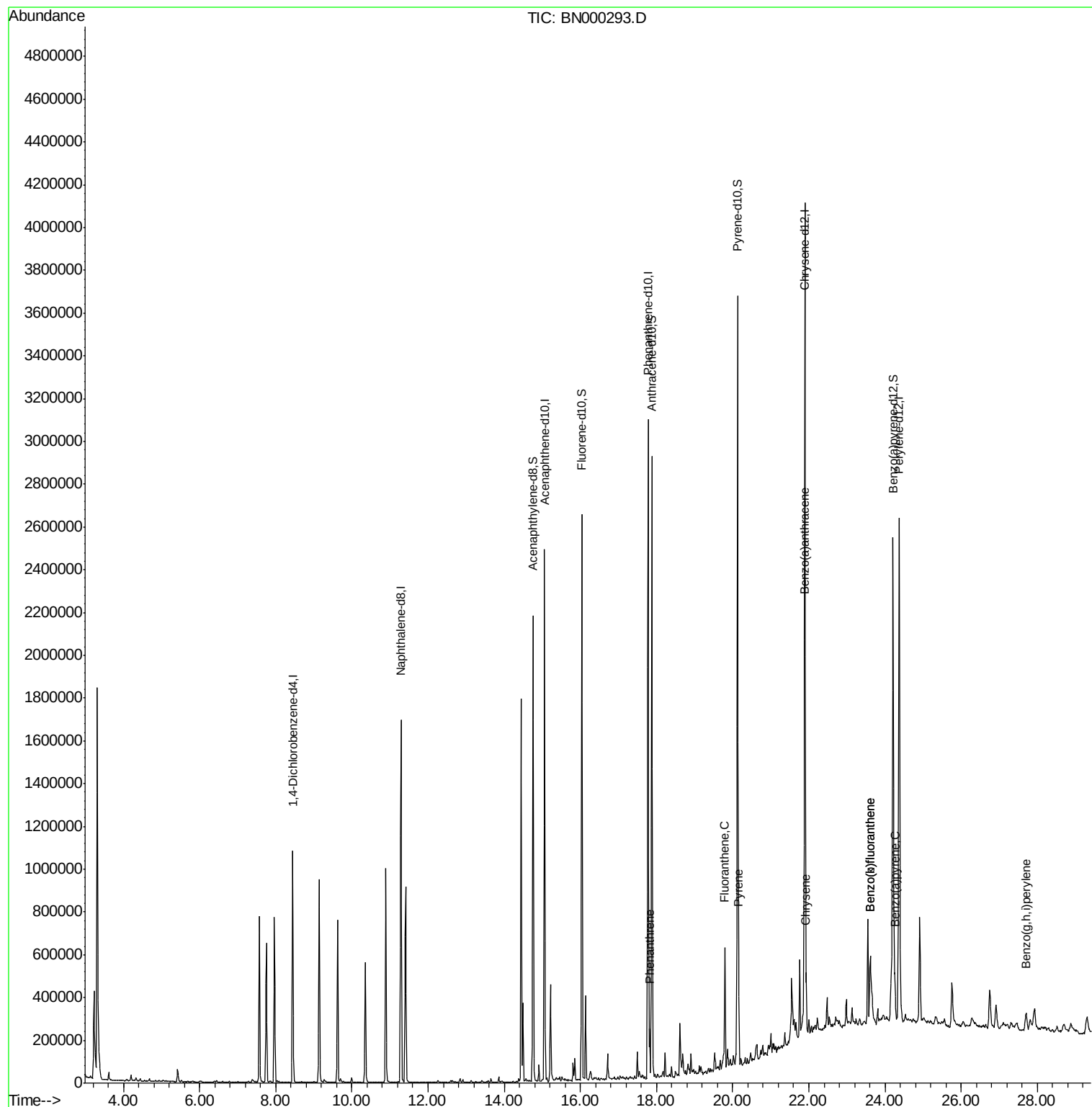
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	289482	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1400001	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	797704	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1674712	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1680457	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1690462	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1472922	18.60	ng/ul	0.00
10) Fluorene-d10	16.03	176	1003766	18.72	ng/ul	0.00
14) Anthracene-d10	17.87	188	1482262	18.94	ng/ul	0.00
18) Pyrene-d10	20.13	212	1612124	19.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1507718	19.53	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	118452	1.233	ng/ul	99
16) Fluoranthene	19.80	202	306910	2.958	ng/ul	95
19) Pyrene	20.16	202	253373	2.388	ng/ul#	91
20) Benzo(a)anthracene	21.87	228	149438	1.430	ng/ul	96
21) Chrysene	21.93	228	159076	1.605	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	238958	2.371	ng/ul#	95
24) Benzo(k)fluoranthene	23.62	252	238958	2.532	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	140184	1.461	ng/ul#	93
29) Benzo(g,h,i)perylene	27.71	276	92122	1.067	ng/ul#	87

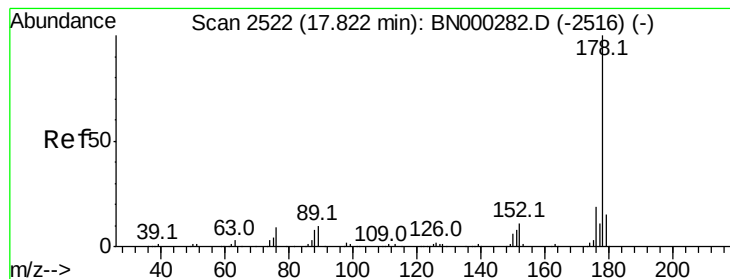
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000293.D
Acq On : 09 Mar 2018 21:45
Operator : JU/SJ
Sample : J1844-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 09 23:52:29 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.233 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

Instrument :

BNA_N

ClientSampleId :

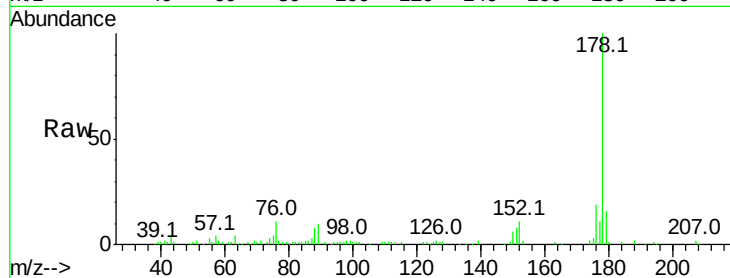
Tot Ion:178 Resp: 118452

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

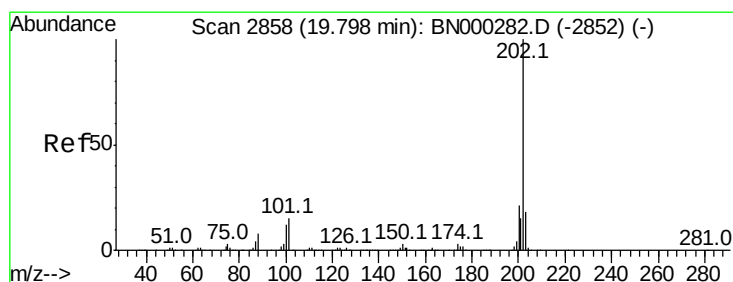
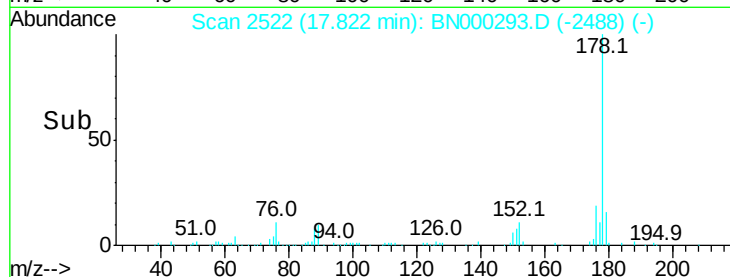
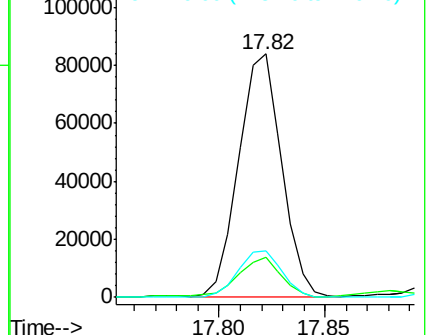
176 18.9 15.1 22.7



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: 2.958 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

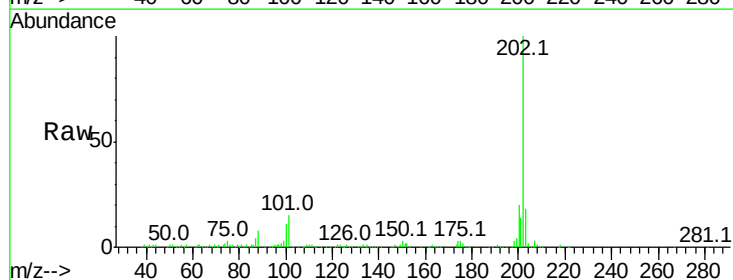
Tgt Ion:202 Resp: 306910

Ion Ratio Lower Upper

202 100

101 14.8 9.9 14.9

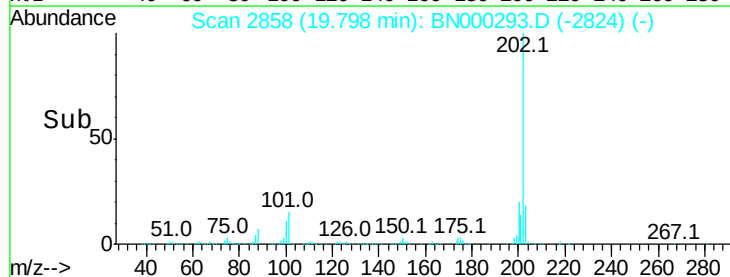
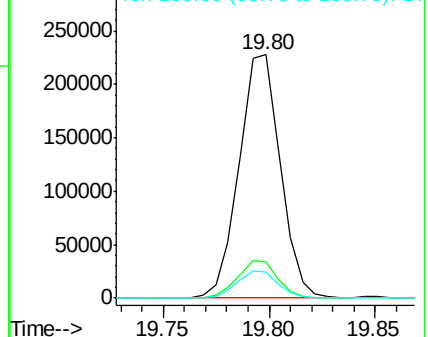
100 10.5 7.4 11.0

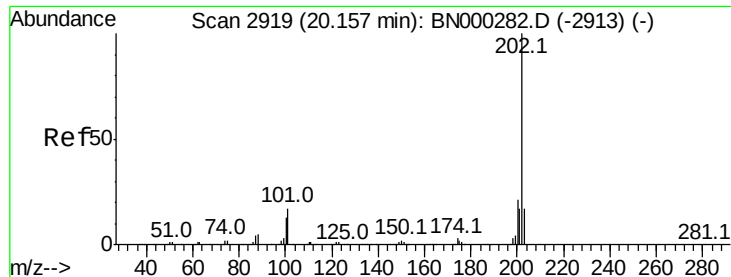


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 2.388 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

Instrument :

BNA_N

ClientSampleId :

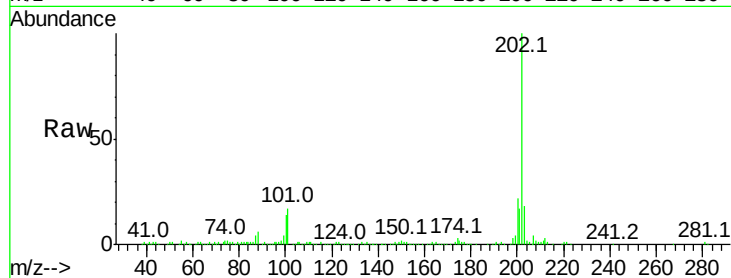
Tot Ion:202 Resp: 253373

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

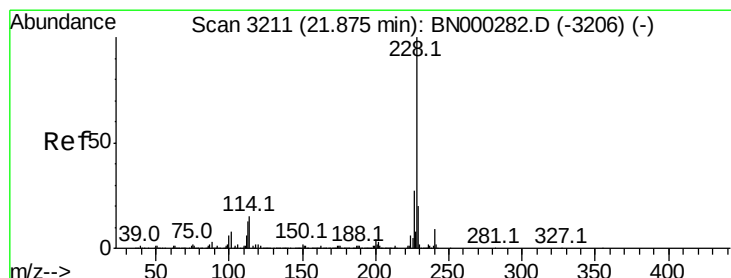
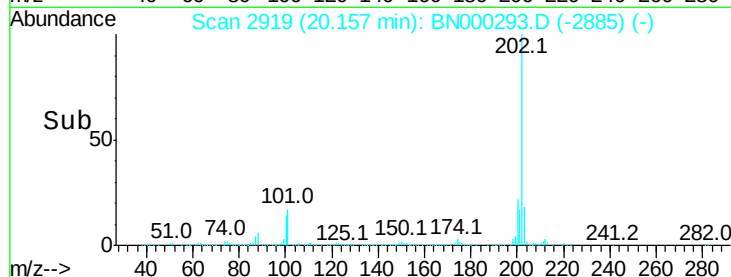
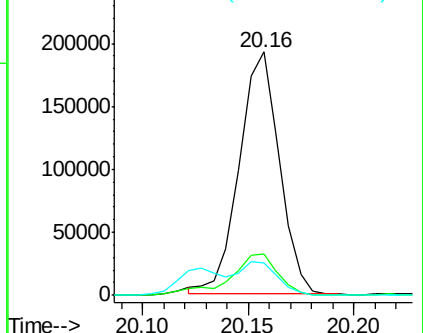
100 13.5 8.1 12.1#



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: 1.430 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

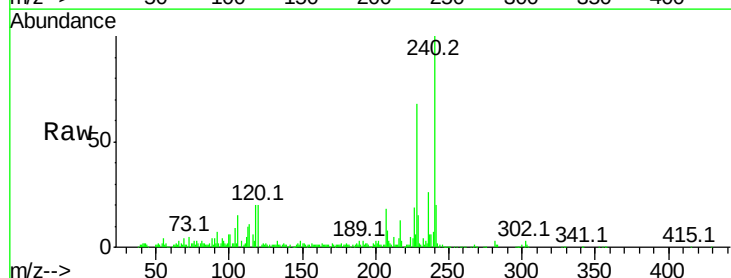
Tgt Ion:228 Resp: 149438

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

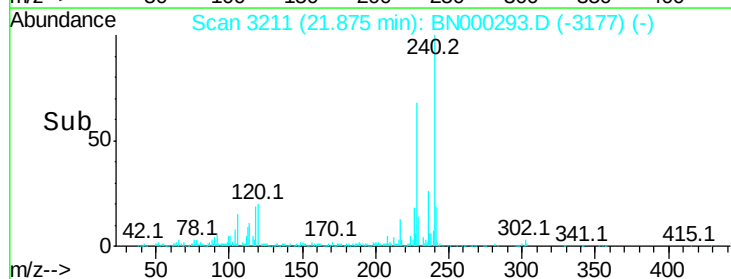
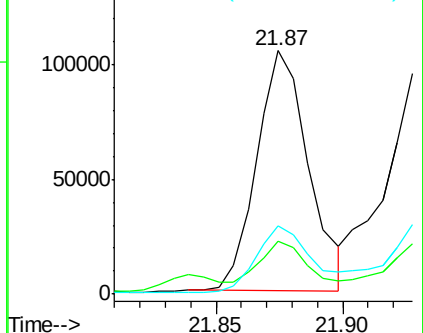
226 27.9 21.1 31.7

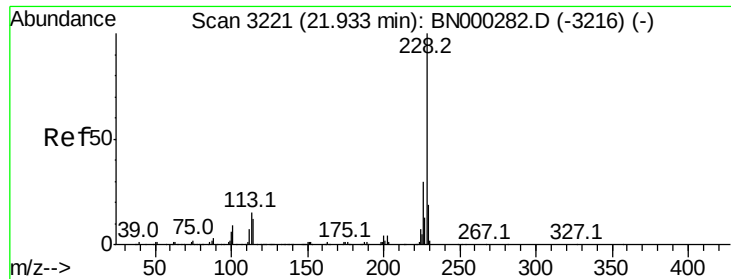


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.605 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

Instrument :

BNA_N

ClientSampleId :

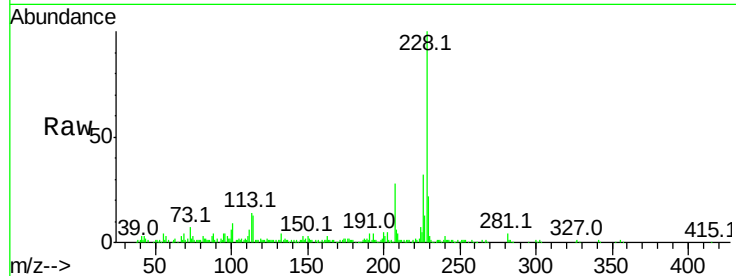
Tot Ion:228 Resp: 159076

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

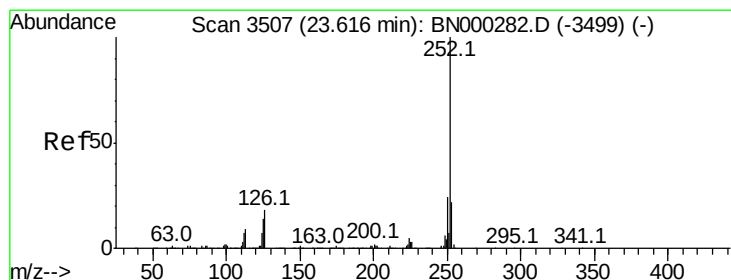
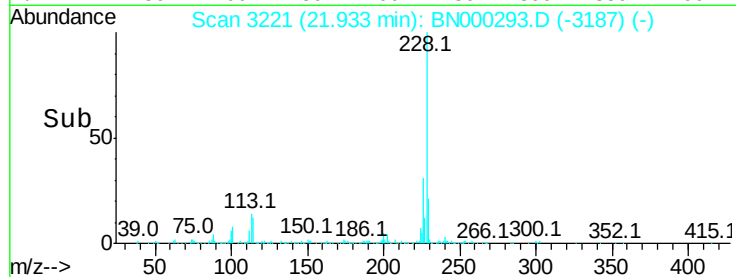
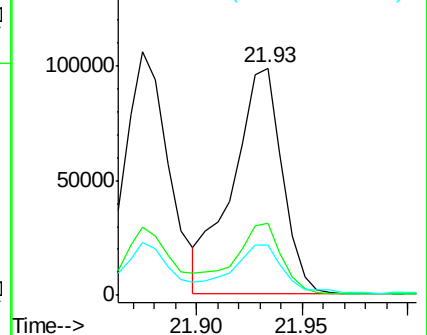
229 22.1 15.8 23.8



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: 2.371 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

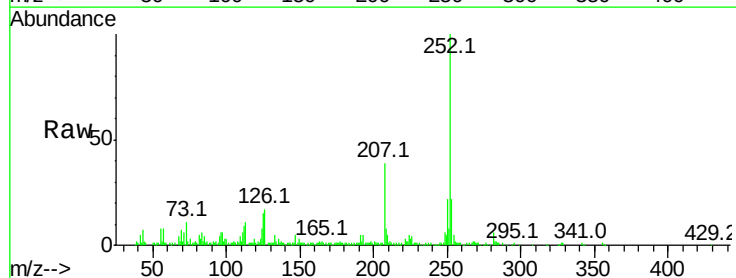
Tgt Ion:252 Resp: 238958

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

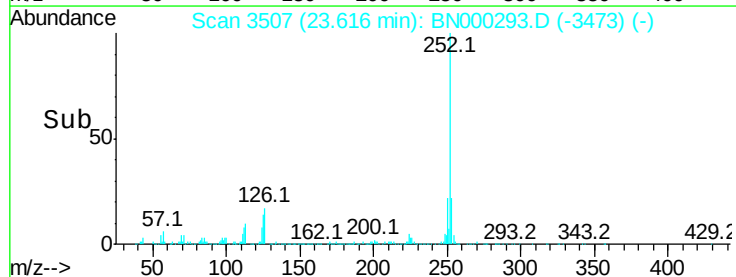
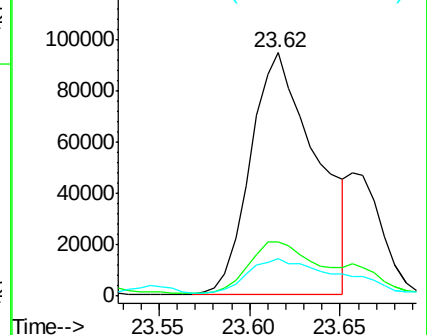
125 15.3 8.0 12.0#

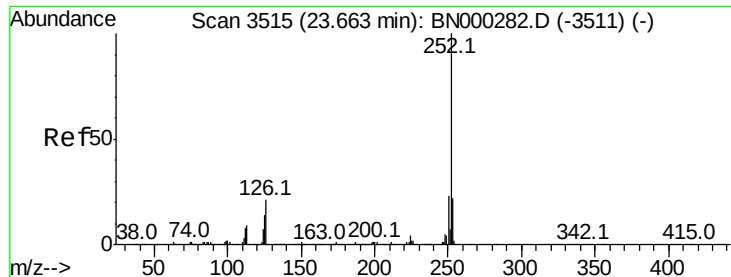


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

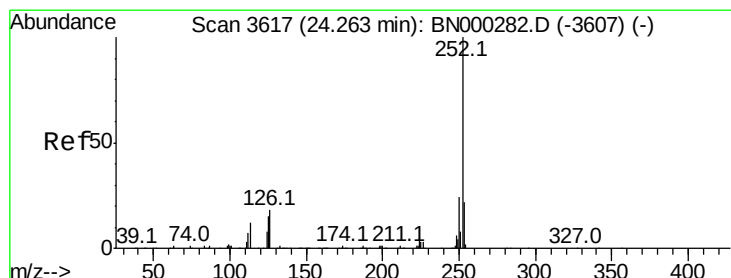
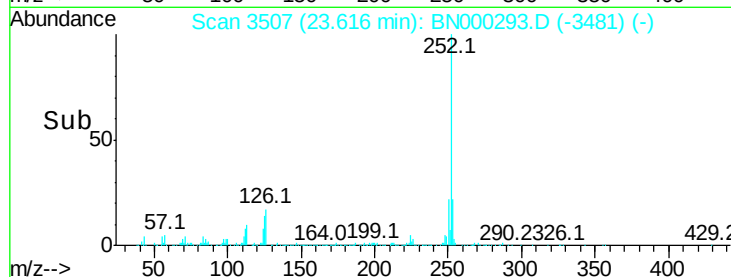
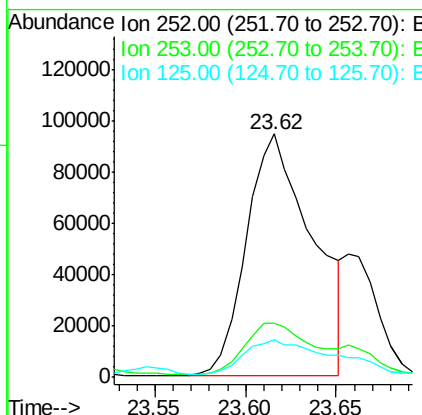
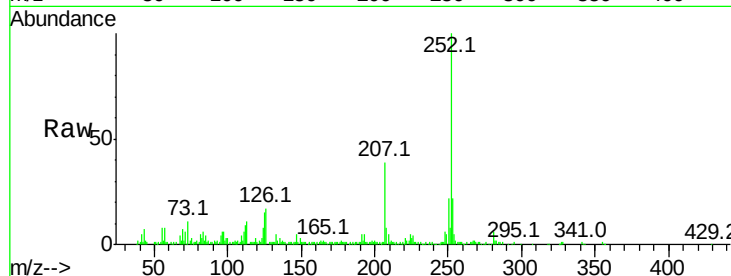




#24
Benzo(k)fluoranthene
Concen: 2.532 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.05 min
Lab File: BN000293.D
Acq: 09 Mar 2018 21:45

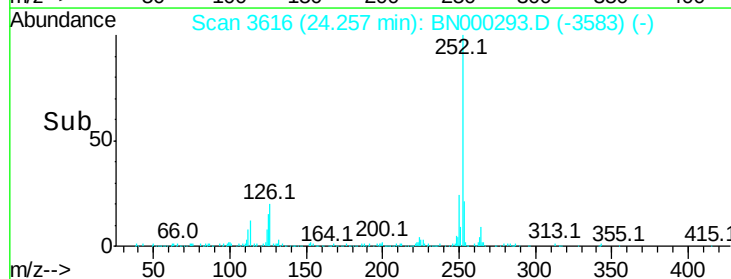
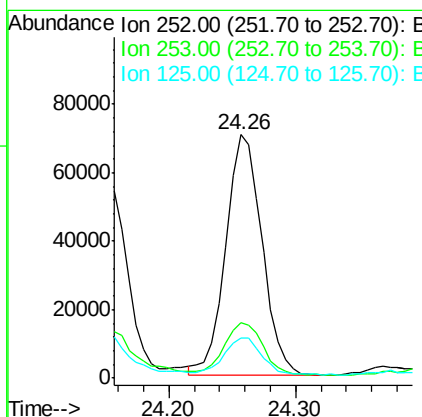
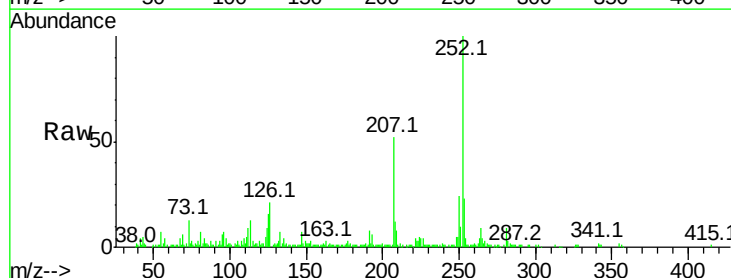
Instrument :
BNA_N
ClientSampleId :

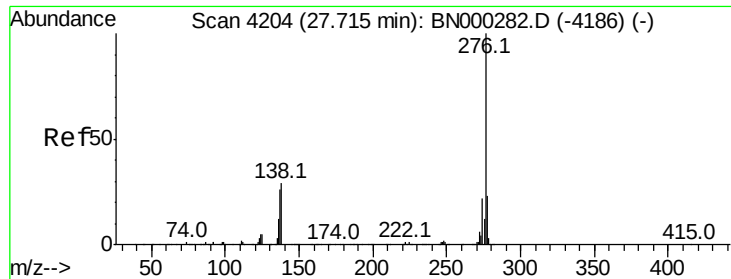
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	15.3	8.1	12.1



#26
Benzo(a)pyrene
Concen: 1.461 ng/ul
RT: 24.26 min Scan# 3616
Delta R.T. -0.01 min
Lab File: BN000293.D
Acq: 09 Mar 2018 21:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	16.4	8.2	12.4





#29

Benzo(a,h,i)perylene

Concen: 1.067 ng/ul

RT: 27.71 min Scan# 4203

Delta R.T. -0.01 min

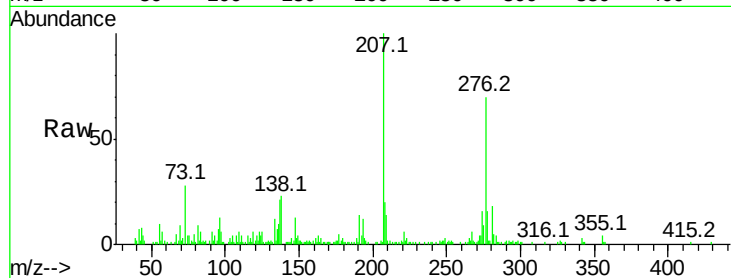
Lab File: BN000293.D

Acq: 09 Mar 2018 21:45

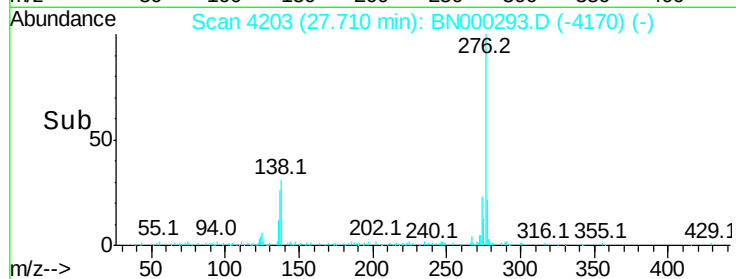
Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	92122
Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.3	22.9#
277	23.5	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

