

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000873.D
 Acq On : 25 Apr 2018 04:22
 Operator : JU/SJ
 Sample : J2487-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 08:37:47 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

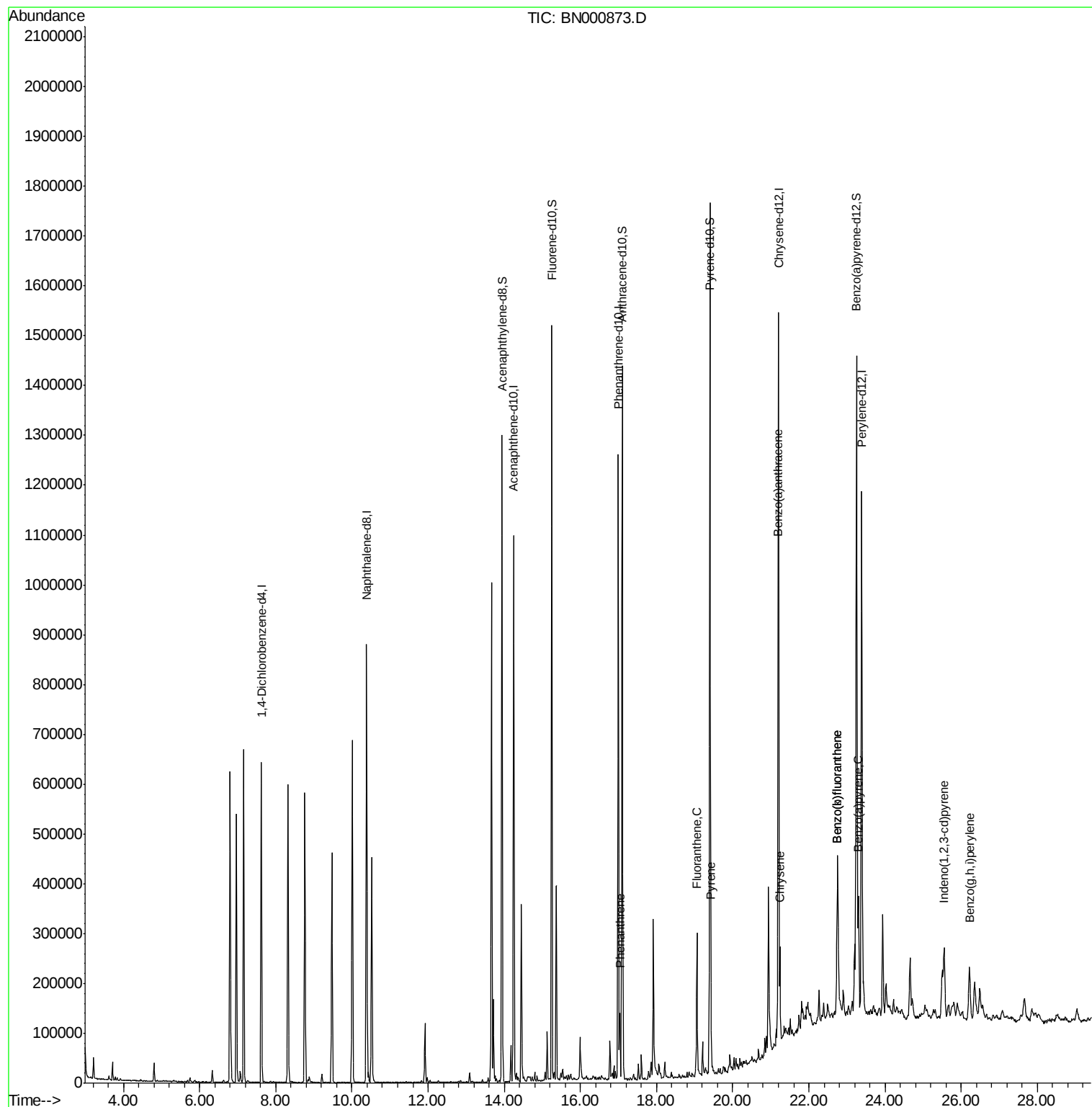
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	164142	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	689570	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	335094	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	651791	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	609812	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	658399	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	795264	24.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	542213	25.24	ng/ul	0.00
14) Anthracene-d10	17.10	188	749934	25.16	ng/ul	0.00
18) Pyrene-d10	19.40	212	772294	24.72	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	855365	27.50	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	71141	2.001	ng/ul	100
16) Fluoranthene	19.06	202	152708	4.234	ng/ul#	94
19) Pyrene	19.43	202	131638	3.361	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	92548	2.539	ng/ul	97
21) Chrysene	21.24	228	93497	2.729	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	213831	5.715	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	215171	5.877	ng/ul#	97
26) Benzo(a)pyrene	23.29	252	118959	3.327	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.56	276	103864	2.405	ng/ul#	90
29) Benzo(g,h,i)perylene	26.22	276	110347	3.055	ng/ul#	93

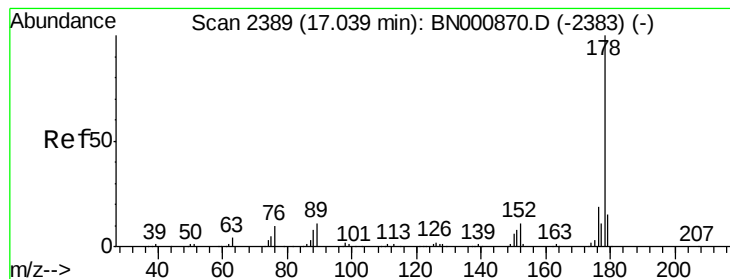
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.001 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000873.D

Acq: 25 Apr 2018 04:22

Instrument :

BNA_N

ClientSampleId :

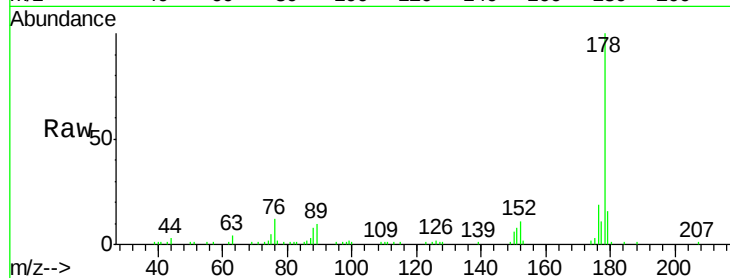
Tot Ion:178 Resp: 71141

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

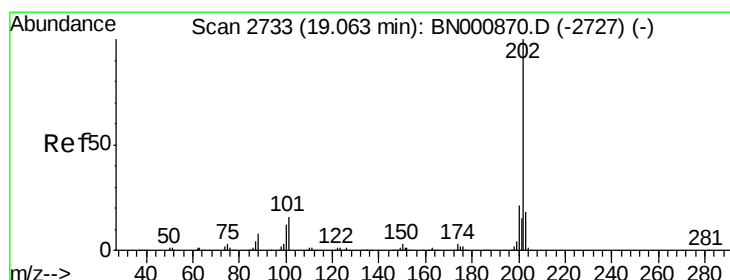
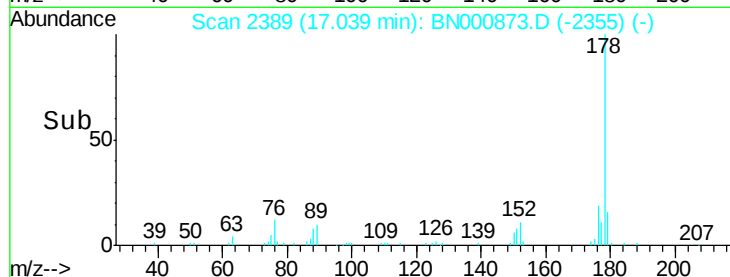
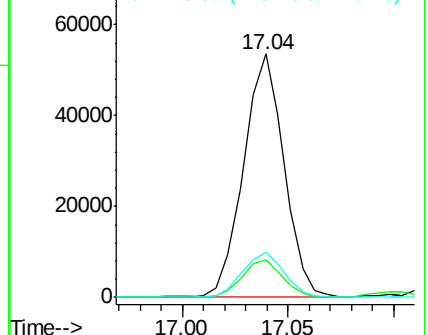
176 18.6 15.1 22.7



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: 4.234 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BN000873.D

Acq: 25 Apr 2018 04:22

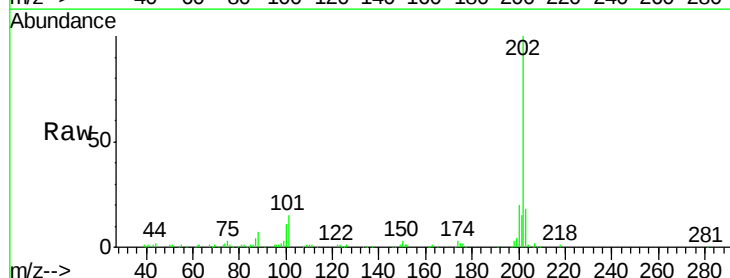
Tgt Ion:202 Resp: 152708

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

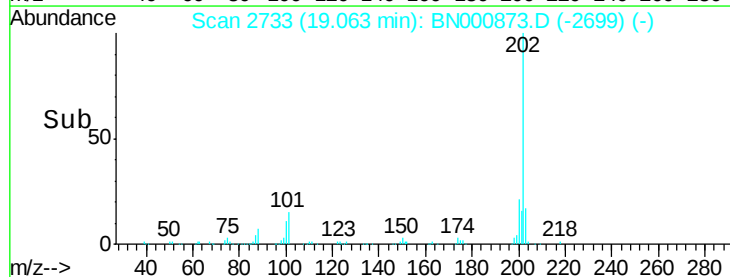
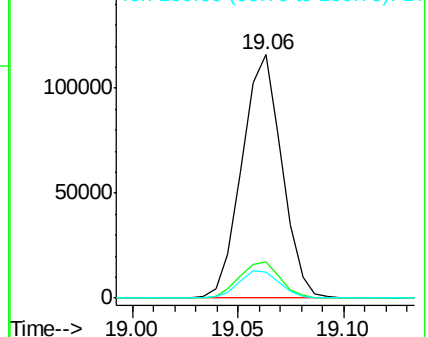
100 10.8 7.4 11.0

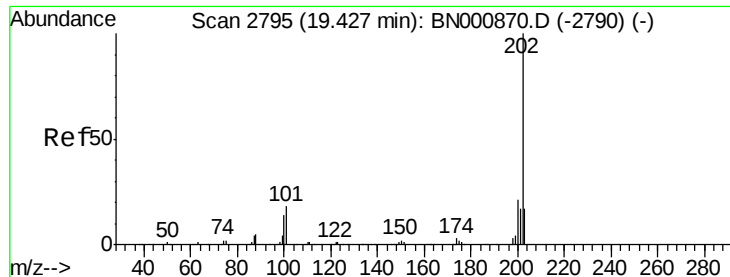


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.361 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN000873.D

Acq: 25 Apr 2018 04:22

Instrument :

BNA_N

ClientSampled :

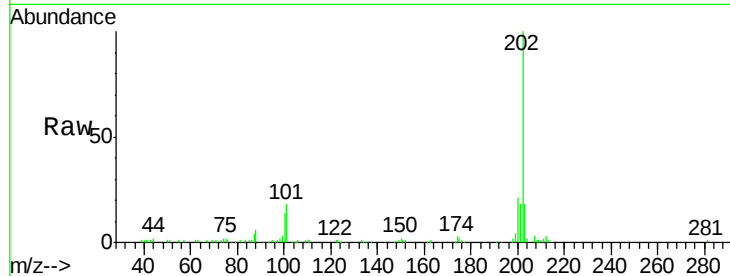
Tot Ion:202 Resp: 131638

Ion Ratio Lower Upper

202 100

101 18.2 11.0 16.4#

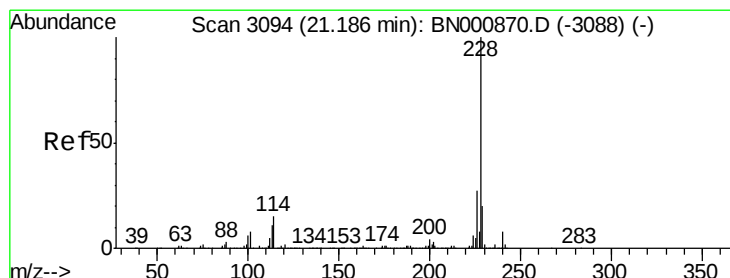
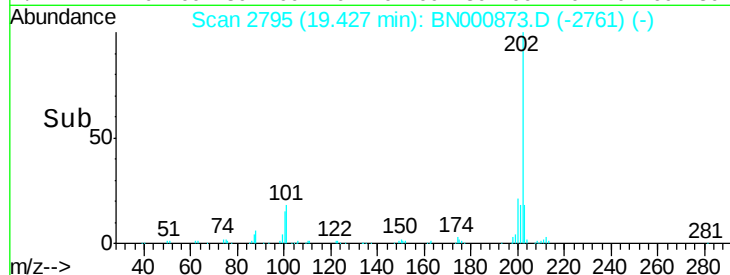
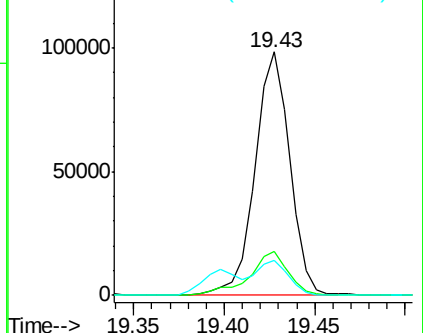
100 14.5 8.1 12.1#



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): B



#20

Benzo(a)anthracene

Concen: 2.539 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BN000873.D

Acq: 25 Apr 2018 04:22

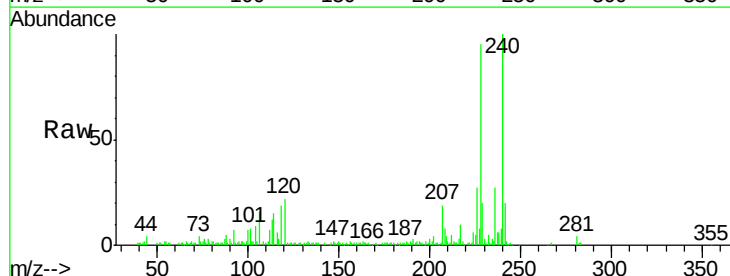
Tgt Ion:228 Resp: 92548

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

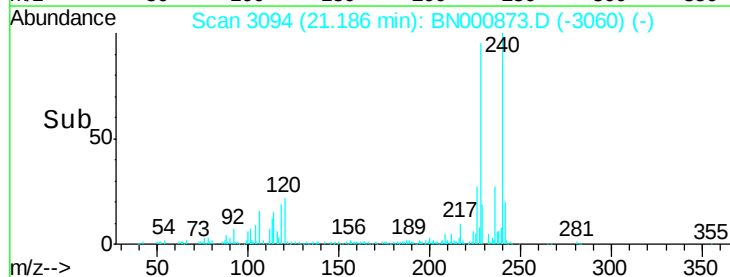
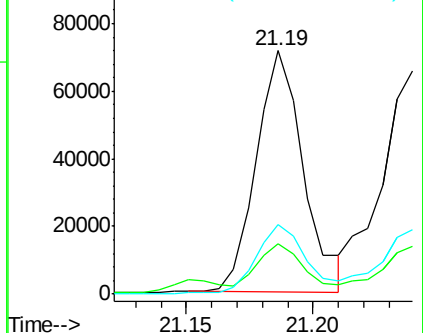
226 28.5 21.1 31.7

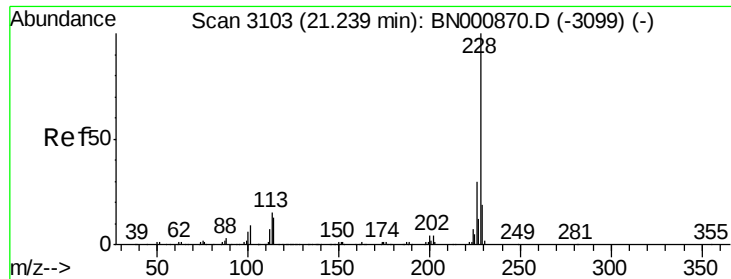


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

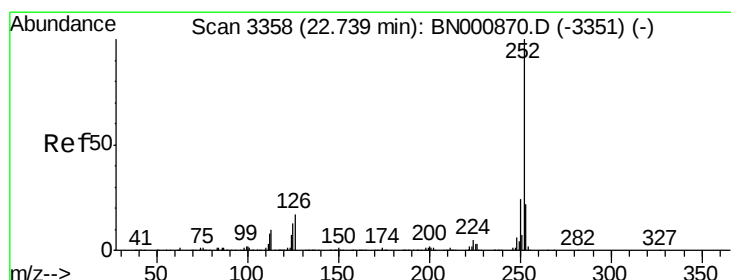
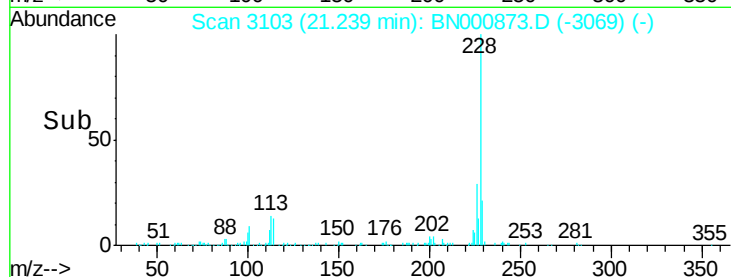
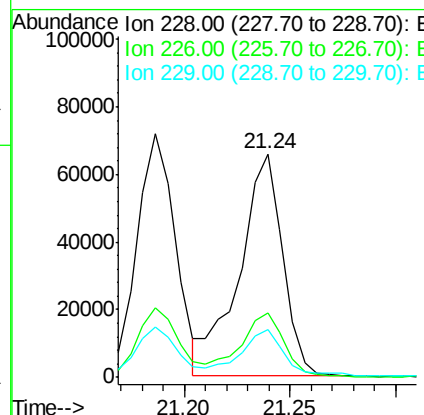
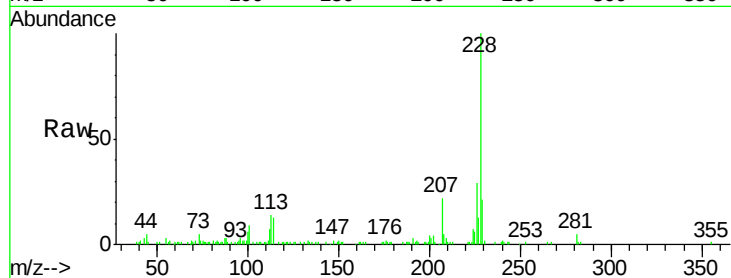




#21
Chrysene
Concen: 2.729 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

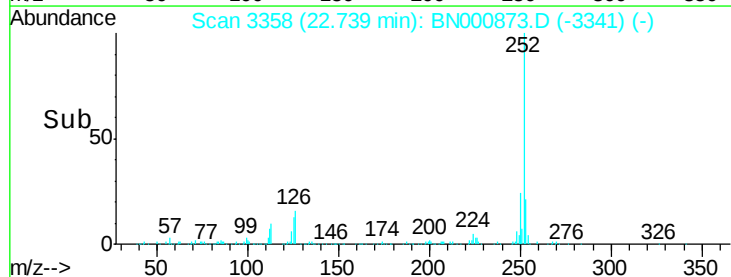
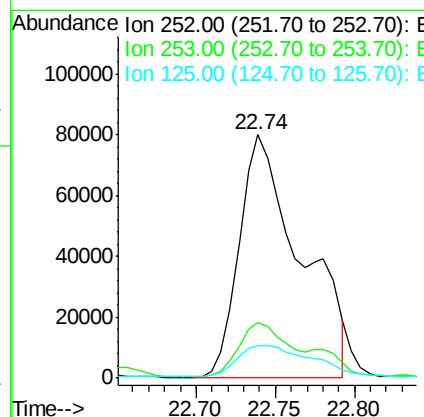
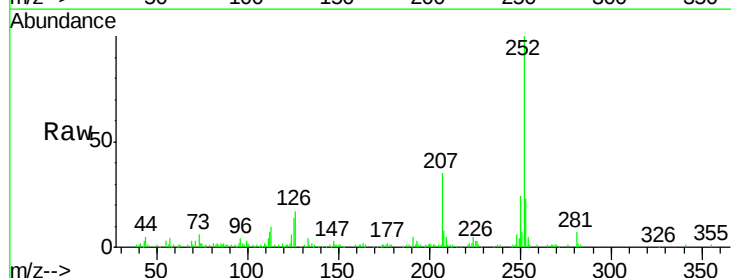
Instrument :
BNA_N
ClientSampled :

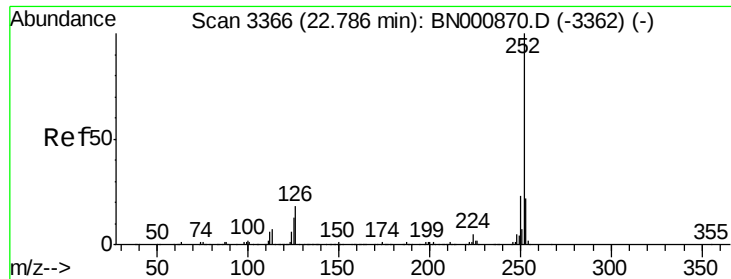
Tot Ion:228 Resp: 93497
Ion Ratio Lower Upper
228 100
226 28.8 24.5 36.7
229 21.4 15.8 23.8



#23
Benzo(b)fluoranthene
Concen: 5.715 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion:252 Resp: 213831
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.5 8.0 12.0#

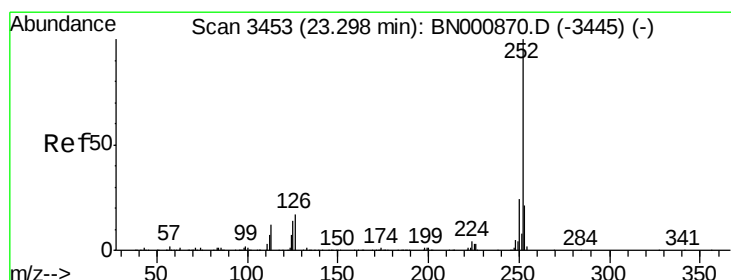
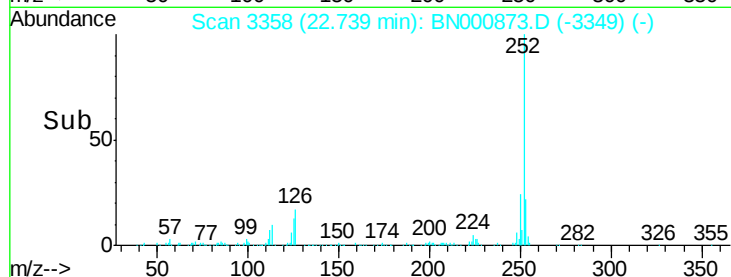
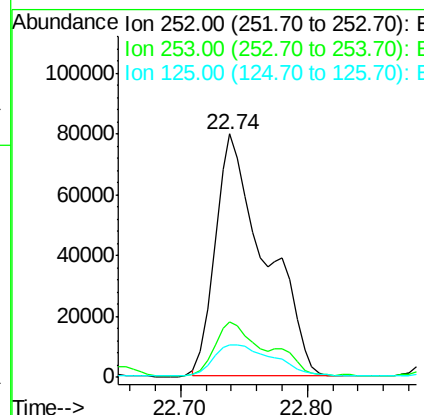
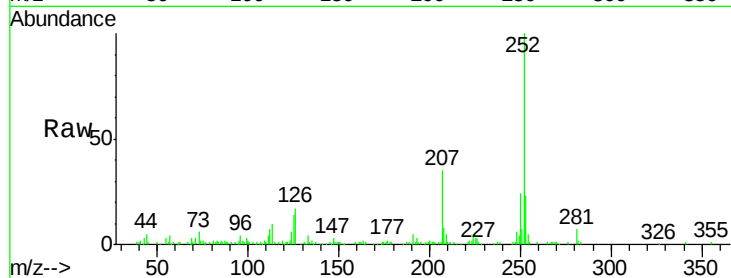




#24
Benzo(k)fluoranthene
Concen: 5.877 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. -0.05 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

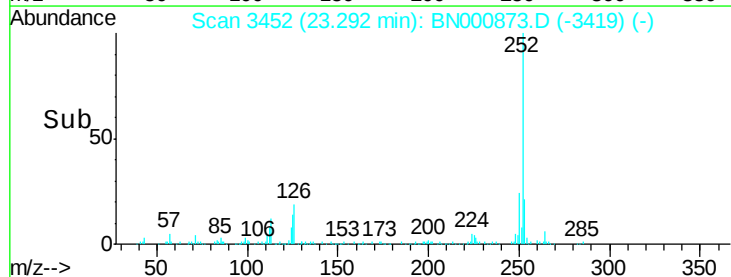
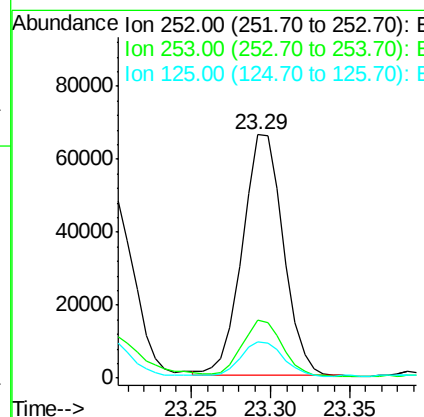
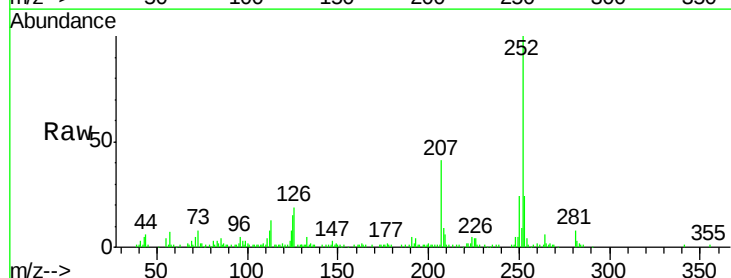
Instrument :
BNA_N
ClientSampleId :

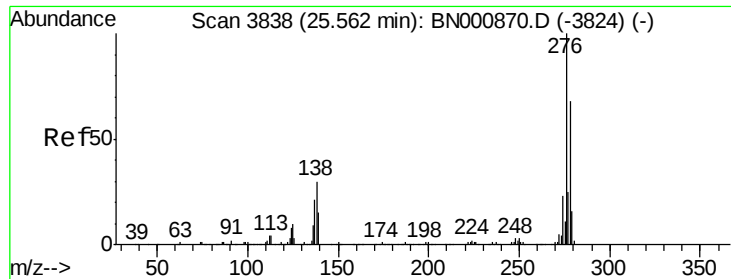
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.5	8.1	12.1



#26
Benzo(a)pyrene
Concen: 3.327 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	14.8	8.2	12.4



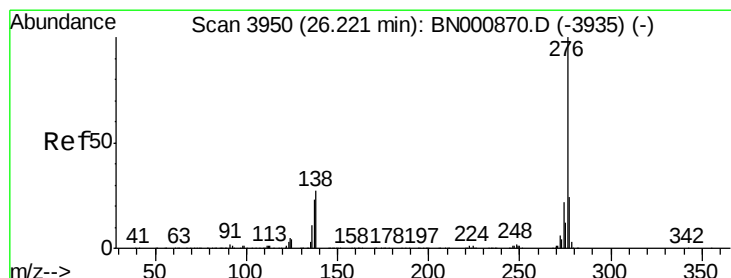
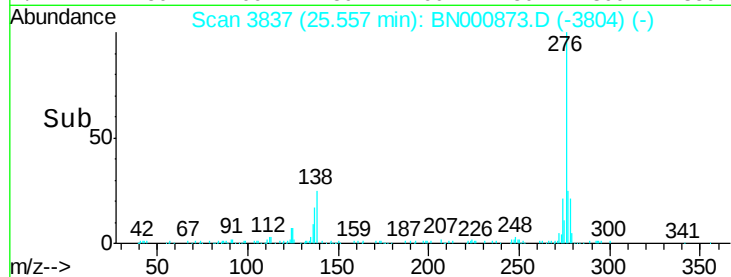
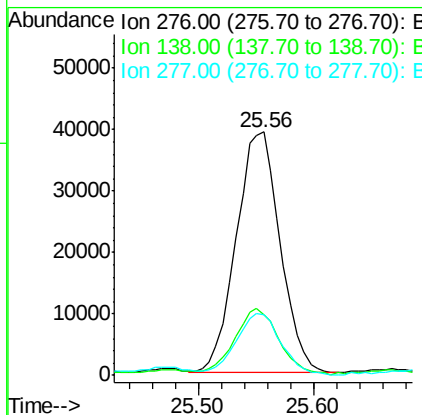
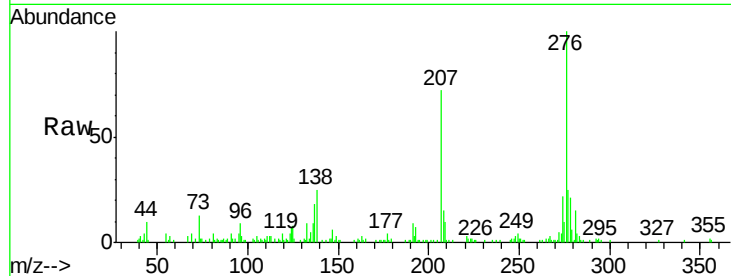


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.405 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	14.4	21.6#
277	25.0	18.0	27.0



#29

Benzo(g,h,i)perylene
Concen: 3.055 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.3	22.9#
277	24.3	19.0	28.4

