

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000900.D
 Acq On : 25 Apr 2018 20:24
 Operator : JU/SJ
 Sample : J2485-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:59:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	127751	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	546610	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	278127	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568071	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	544545	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	559947	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	745970	27.93	ng/ul	0.00
10) Fluorene-d10	15.25	176	520145	29.17	ng/ul	0.00
14) Anthracene-d10	17.10	188	747112	28.76	ng/ul	0.00
18) Pyrene-d10	19.40	212	780318	27.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	822897	31.11	ng/ul	-0.02

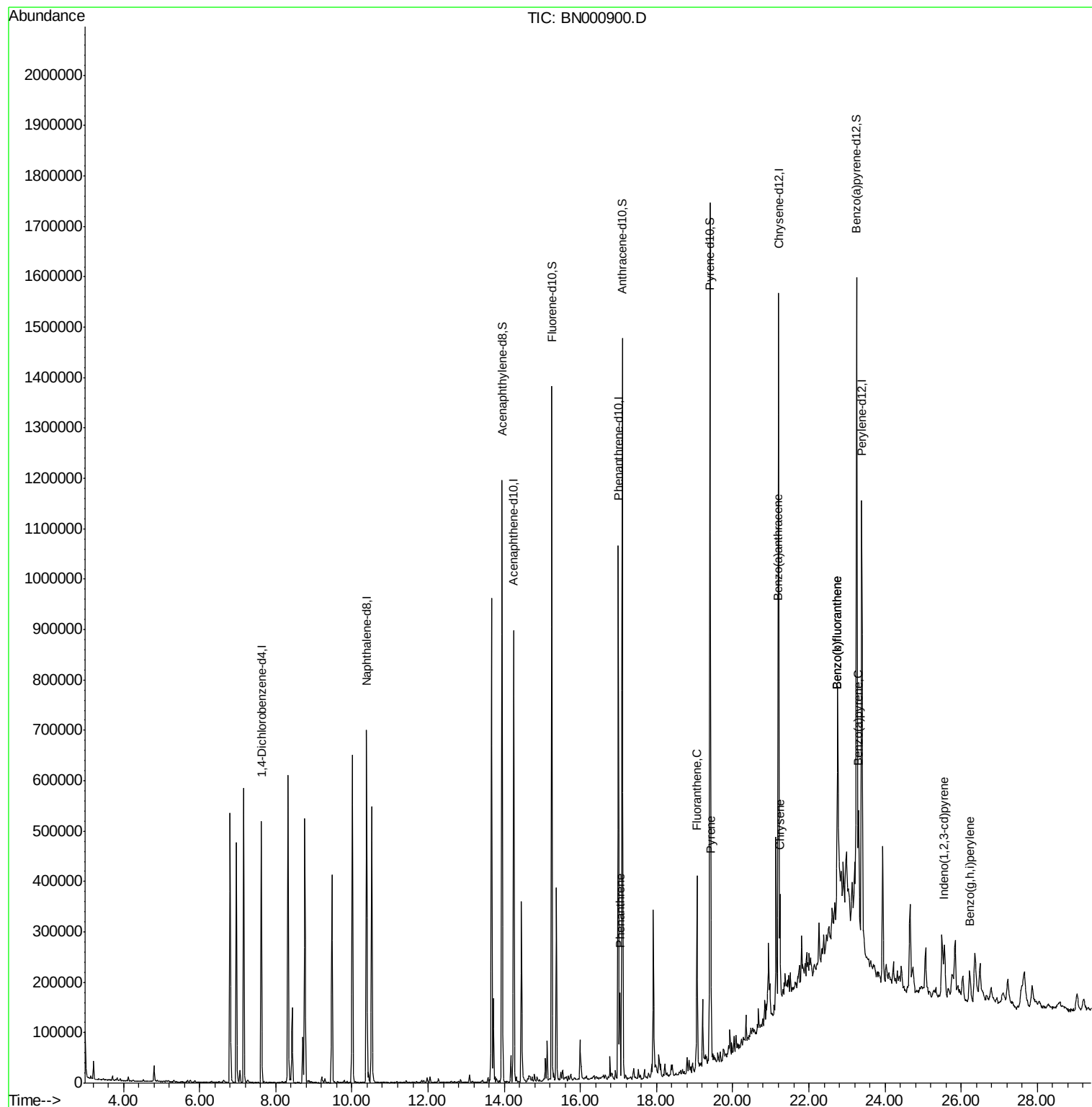
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.04	178	91949	2.968	ng/ul	99
16) Fluoranthene	19.06	202	197147	6.272	ng/ul#	93
19) Pyrene	19.43	202	166778	4.768	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	94525	2.904	ng/ul	97
21) Chrysene	21.24	228	107135	3.502	ng/ul	96
23) Benzo(b)fluoranthene	22.74	252	191343	6.013	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	197151	6.331	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	94543	3.109	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	72078	1.962	ng/ul#	89
29) Benzo(g,h,i)perylene	26.22	276	62390	2.031	ng/ul#	90

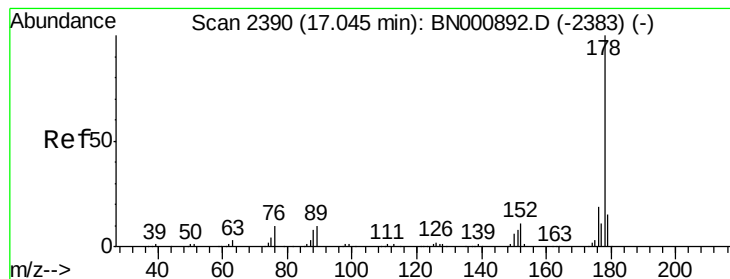
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.968 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000900.D

Acq: 25 Apr 2018 20:24

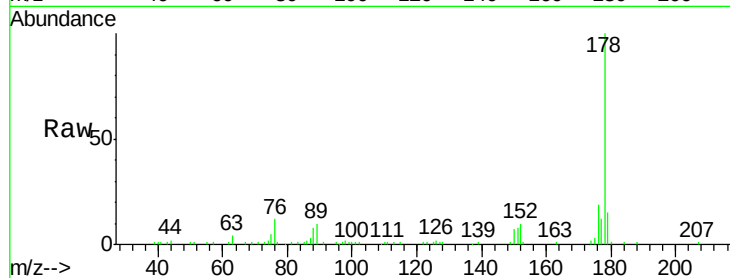
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 91949

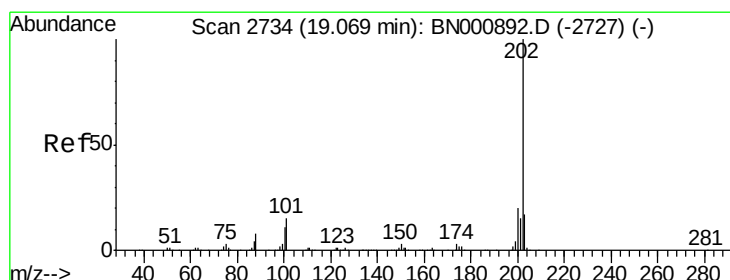
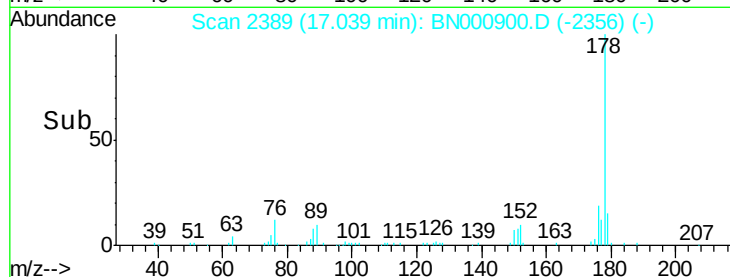
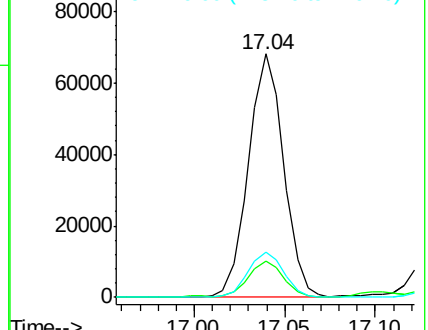
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	15.1	22.7



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: 6.272 ng/ul

RT: 19.06 min Scan# 2733

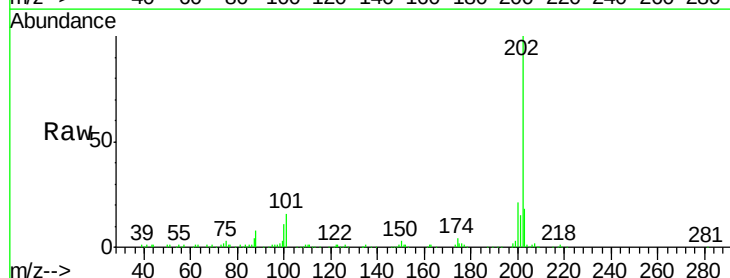
Delta R.T. -0.01 min

Lab File: BN000900.D

Acq: 25 Apr 2018 20:24

Tgt Ion:202 Resp: 197147

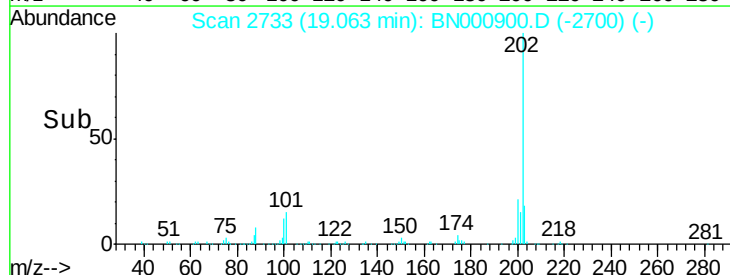
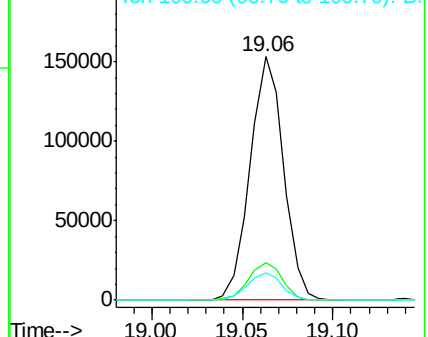
Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.5	7.4	11.0#

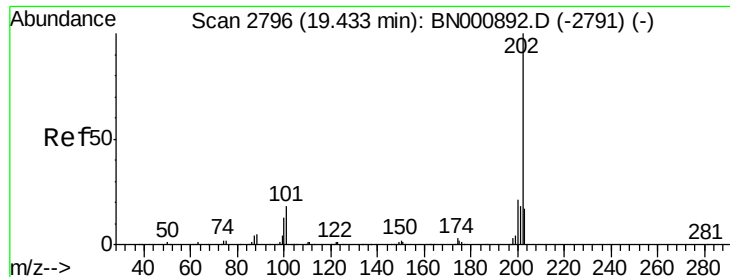


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

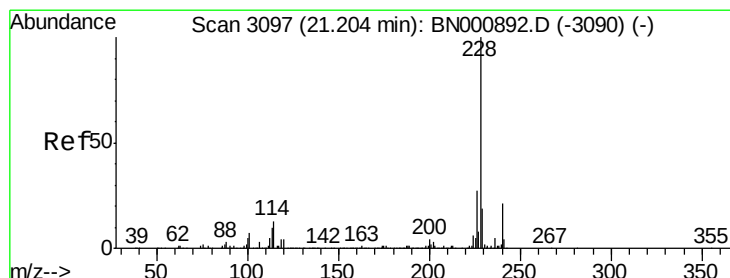
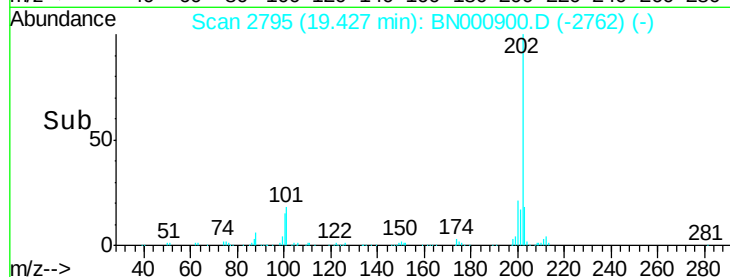
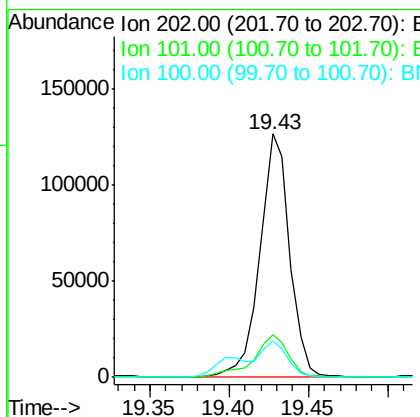
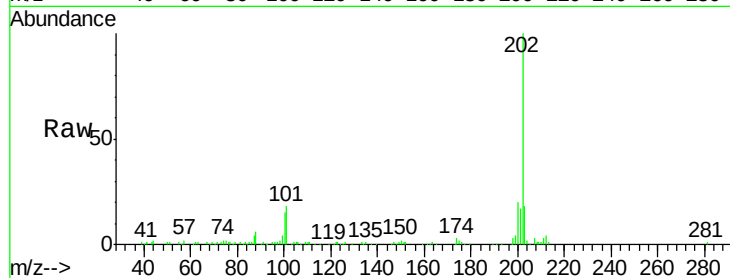




#19
Pvrene
Concen: 4.768 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

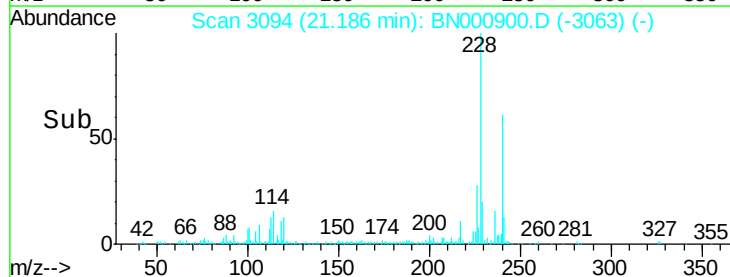
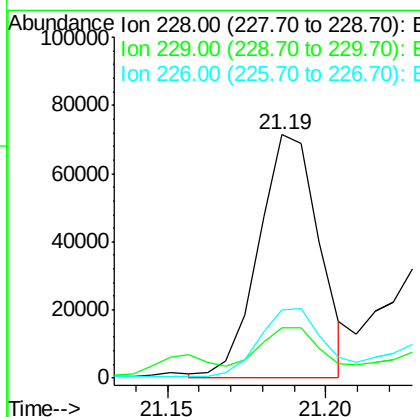
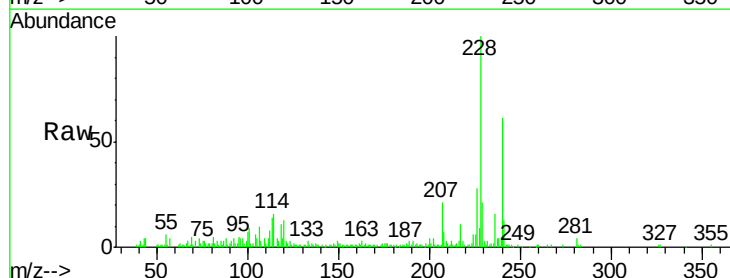
Instrument :
BNA_N
ClientSampleId :

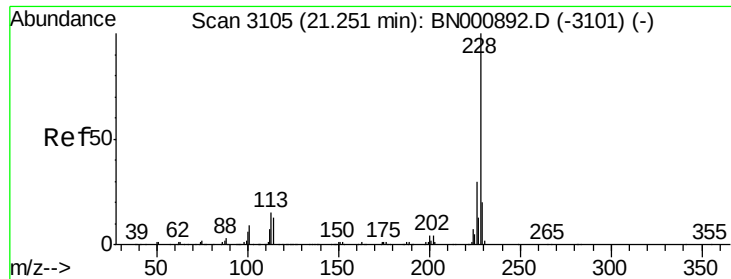
Tot Ion:202 Resp: 166778
Ion Ratio Lower Upper
202 100
101 17.8 11.0 16.4#
100 14.8 8.1 12.1#



#20
Benzo(a)anthracene
Concen: 2.904 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

Tgt Ion:228 Resp: 94525
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.1 21.1 31.7

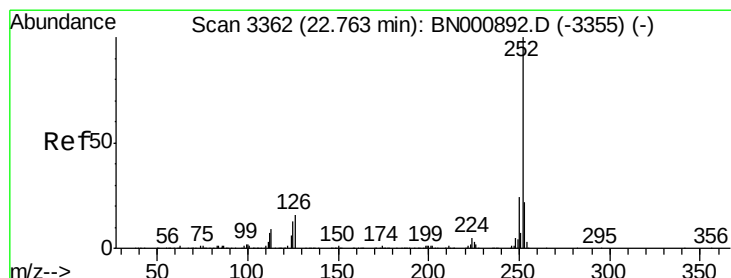
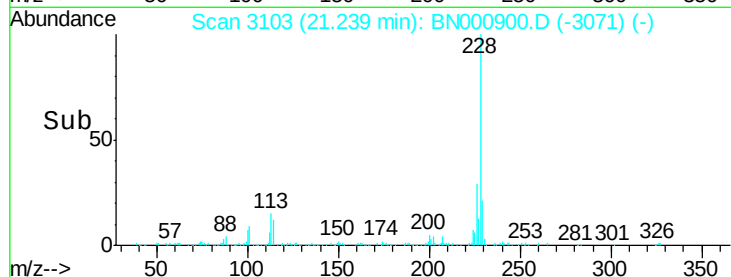
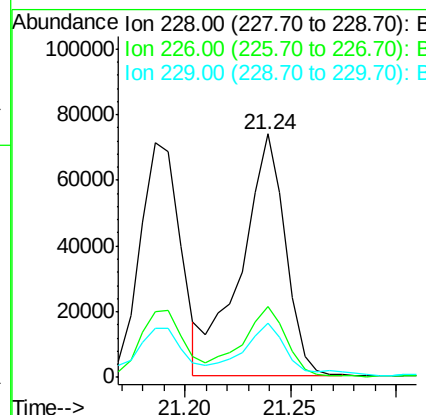
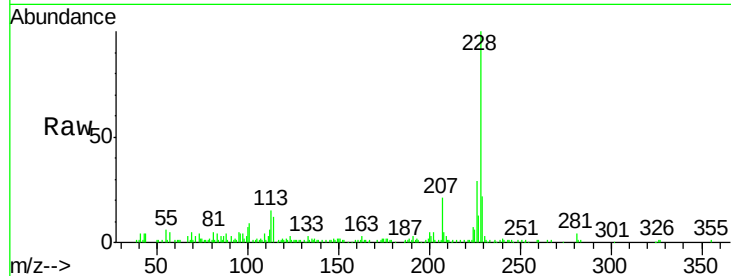




#21
Chrysene
Concen: 3.502 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

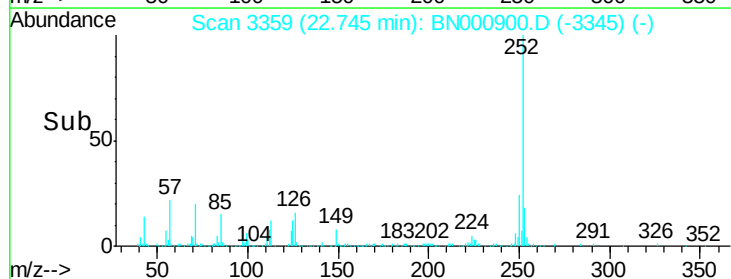
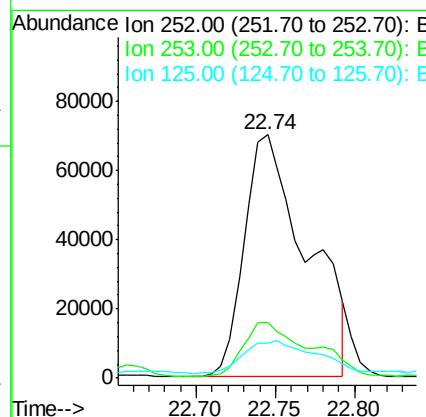
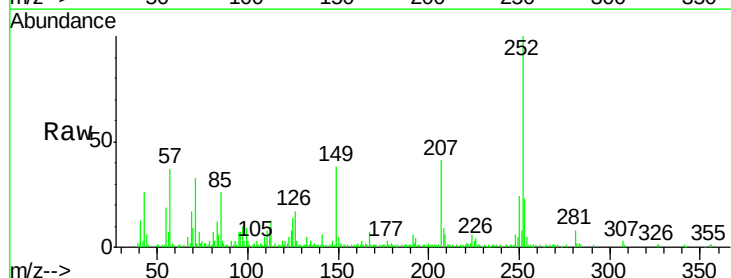
Instrument :
BNA_N
ClientSampleId :

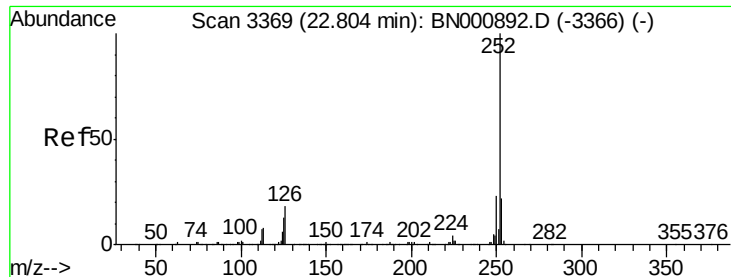
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.5	36.7
229	22.0	15.8	23.8



#23
Benzo(b)fluoranthene
Concen: 6.013 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.5	8.0	12.0#

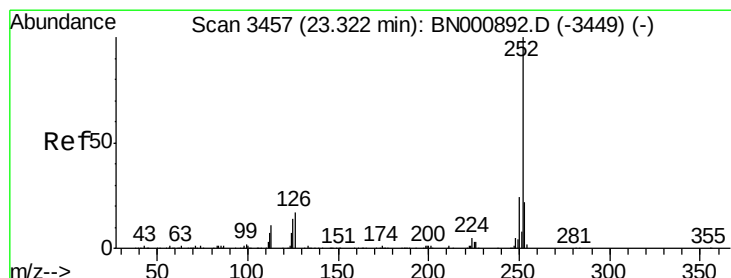
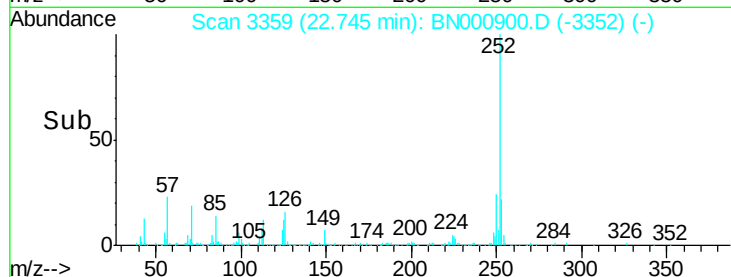
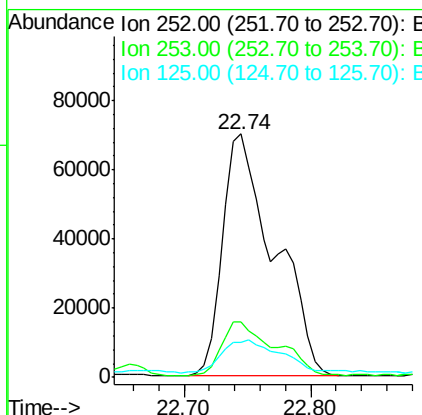
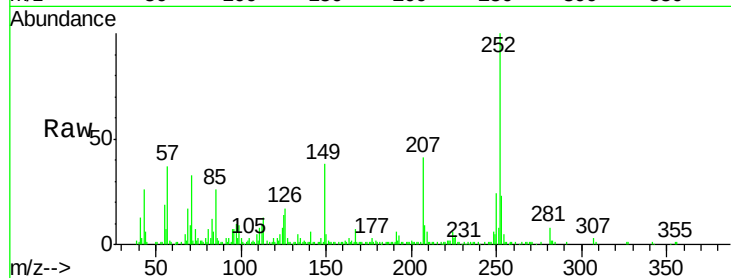




#24
Benzo(k)fluoranthene
Concen: 6.331 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.06 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

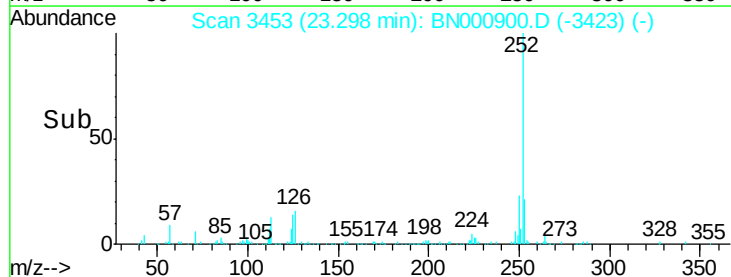
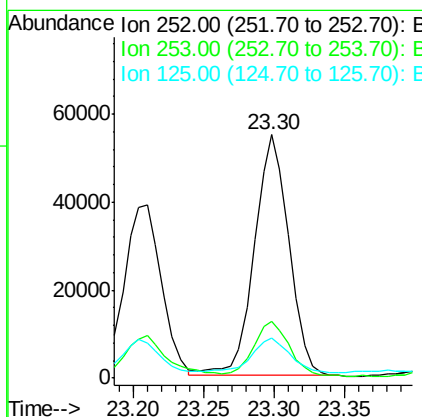
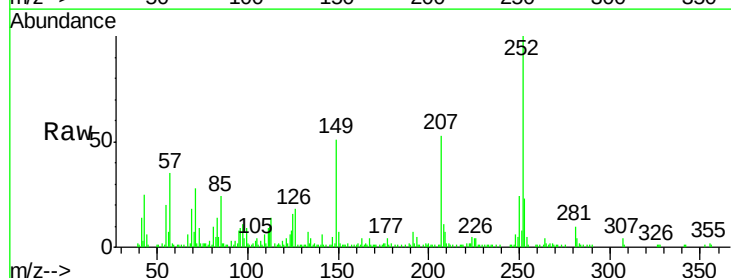
Instrument :
BNA_N
ClientSampleId :

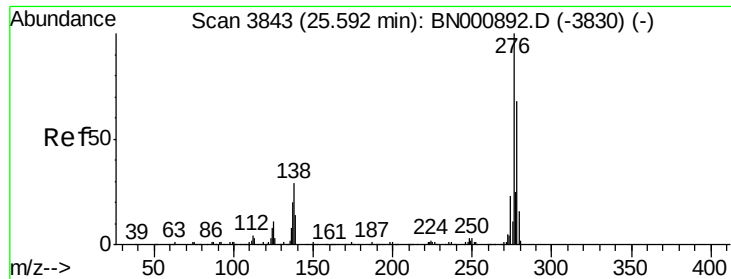
Tot Ion:252 Resp: 197151
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 14.5 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 3.109 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BN000900.D
Acq: 25 Apr 2018 20:24

Tgt Ion:252 Resp: 94543
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 16.3 8.2 12.4#

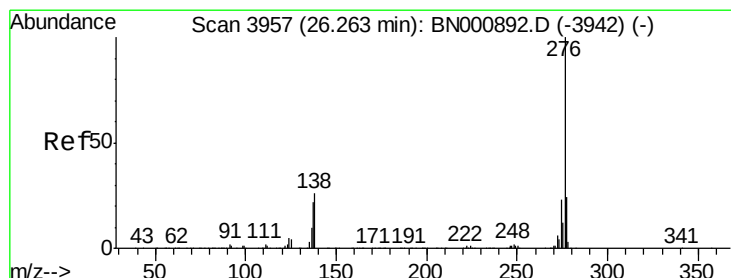
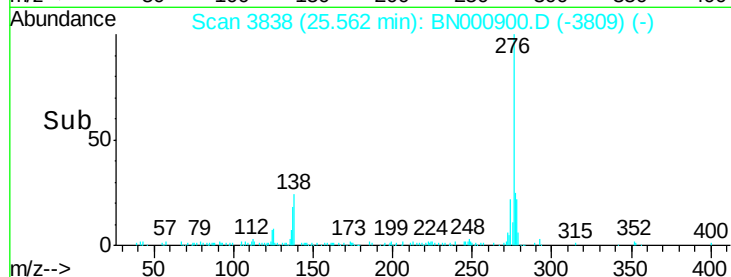
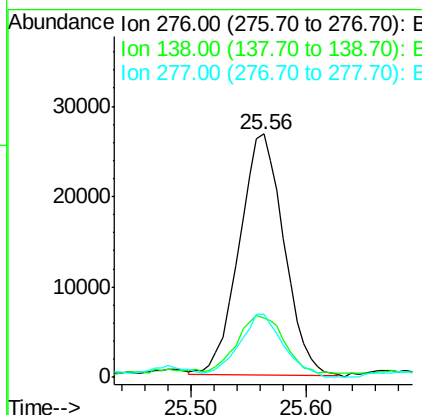
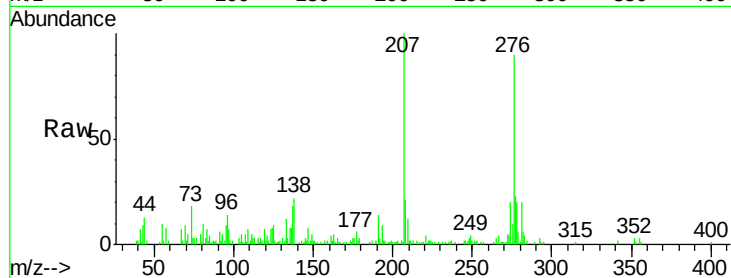




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.962 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000900.D
 Acq: 25 Apr 2018 20:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 72078
 Ion Ratio Lower Upper
 276 100
 138 24.5 14.4 21.6#
 277 26.0 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.031 ng/ul
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.04 min
 Lab File: BN000900.D
 Acq: 25 Apr 2018 20:24

Tgt Ion:276 Resp: 62390
 Ion Ratio Lower Upper
 276 100
 138 29.1 15.3 22.9#
 277 23.2 19.0 28.4

