

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000903.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : J2485-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:59:55 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

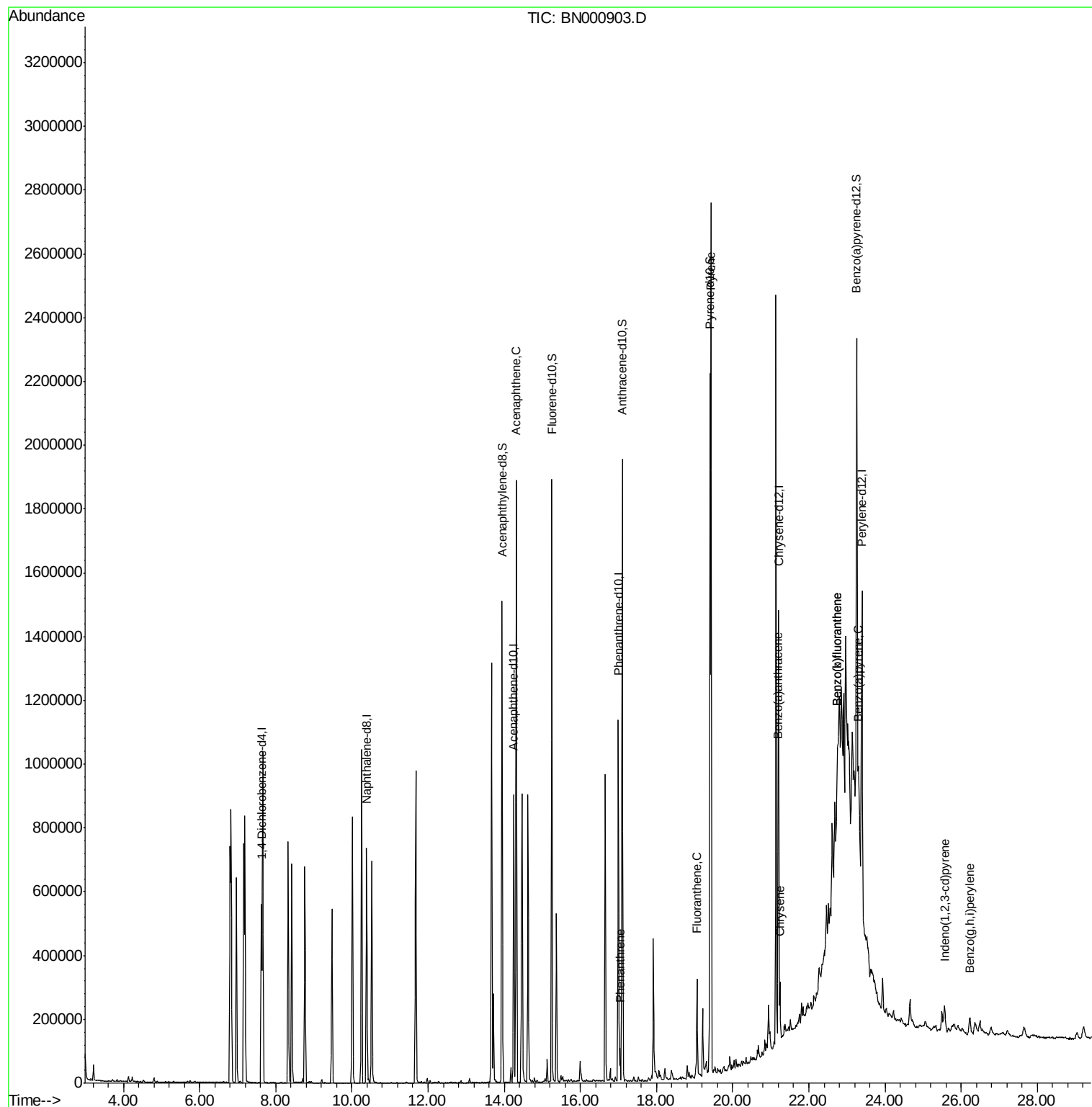
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139146	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	577652	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	287308	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	584762	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	560282	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	580551	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	976964	35.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	676669	36.74	ng/ul	0.00
14) Anthracene-d10	17.10	188	985029	36.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	1040851	36.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1111889	40.54	ng/ul	-0.02
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	727007	38.529	ng/ul	95
13) Phenanthrene	17.04	178	59084	1.853	ng/ul	99
16) Fluoranthene	19.06	202	159593	4.932	ng/ul#	94
19) Pyrene	19.43	202	1512634	42.032	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	79672	2.379	ng/ul	98
21) Chrysene	21.24	228	92630	2.943	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	167484	5.076	ng/ul#	94
24) Benzo(k)fluoranthene	22.74	252	140262	4.345	ng/ul#	94
26) Benzo(a)pyrene	23.30	252	80328	2.548	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.56	276	62306	1.636	ng/ul#	82
29) Benzo(g,h,i)perylene	26.23	276	52735	1.656	ng/ul#	91

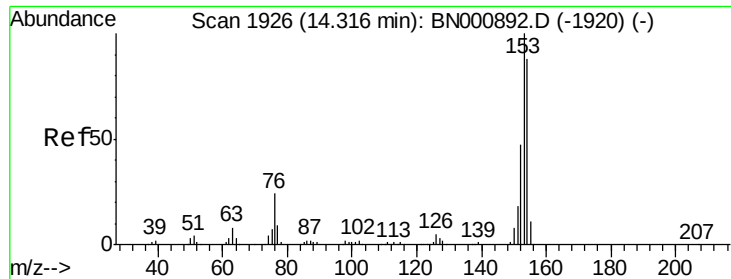
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 38.529 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

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ClientSampleId :

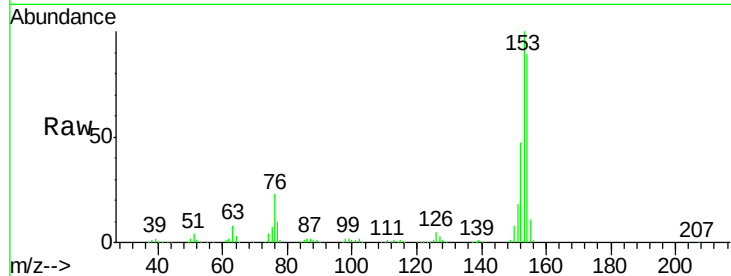
Tot Ion:153 Resp: 727007

Ion Ratio Lower Upper

153 100

152 47.1 39.0 58.6

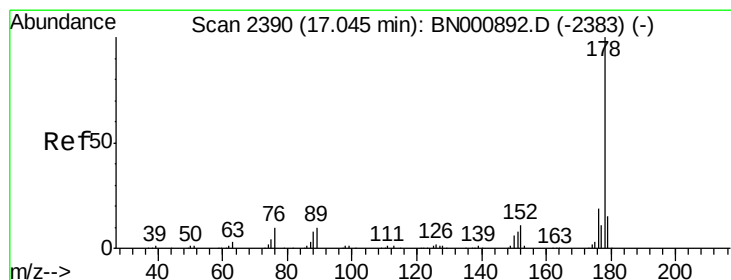
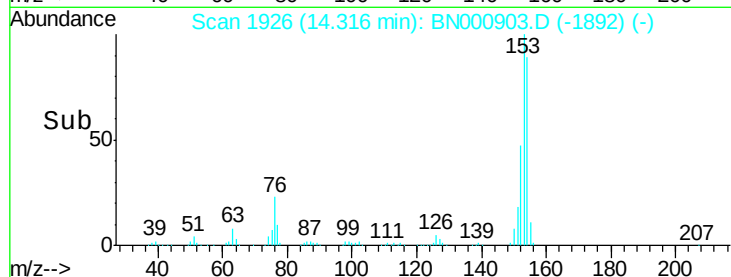
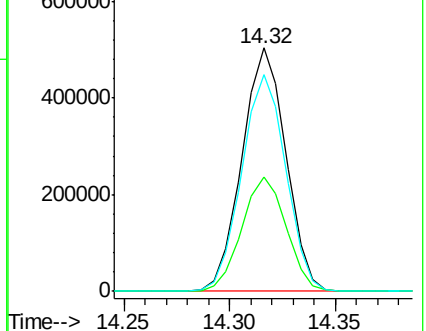
154 89.1 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 1.853 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

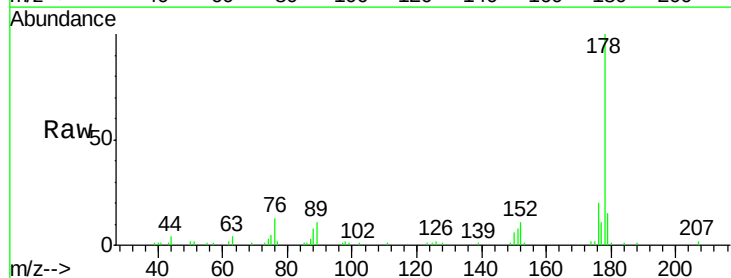
Tgt Ion:178 Resp: 59084

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

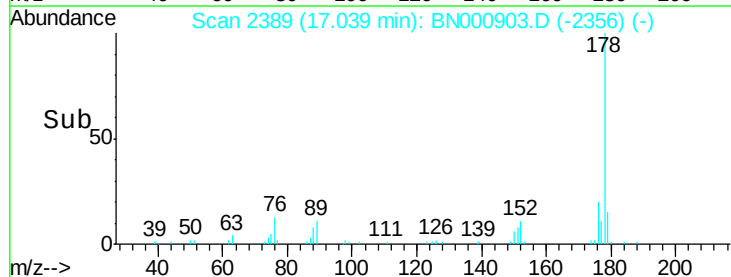
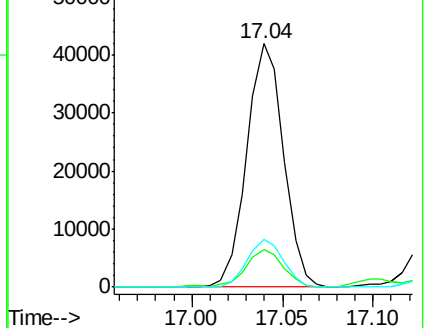
176 19.8 15.1 22.7

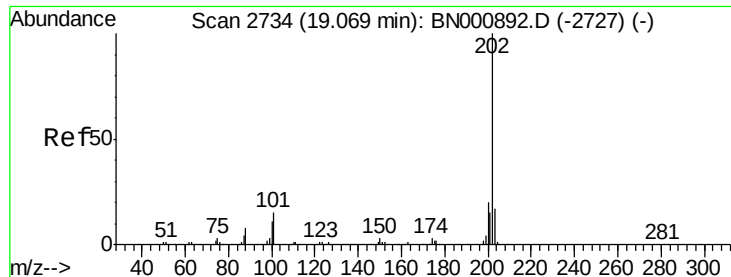


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

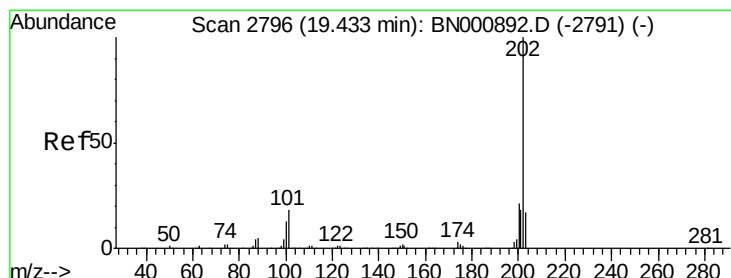
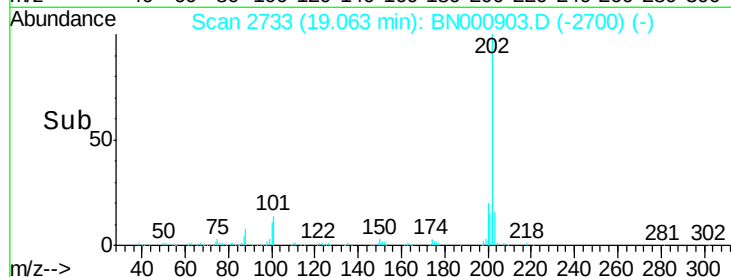
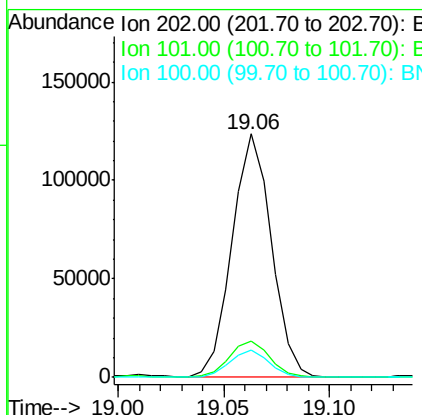
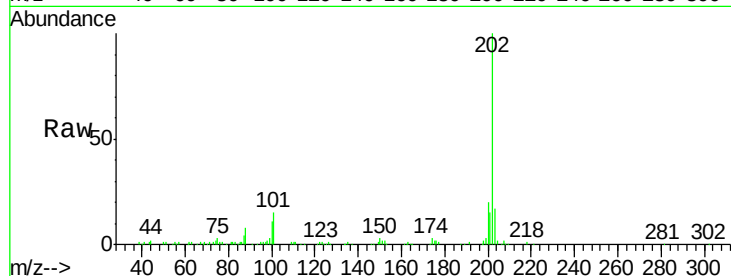




#16
 Fluoranthene
 Concen: 4.932 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.01 min
 Lab File: BN000903.D
 Acq: 25 Apr 2018 22:08

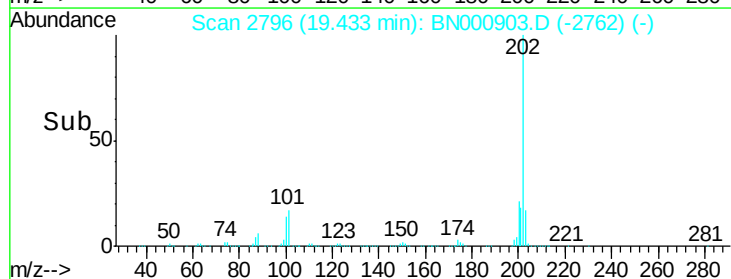
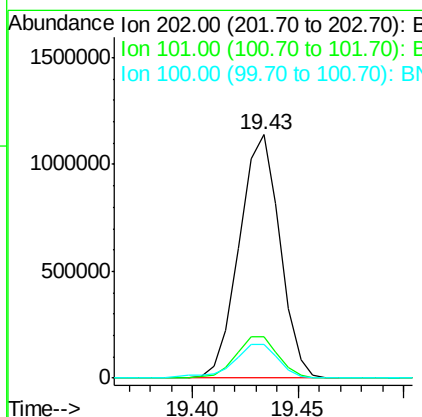
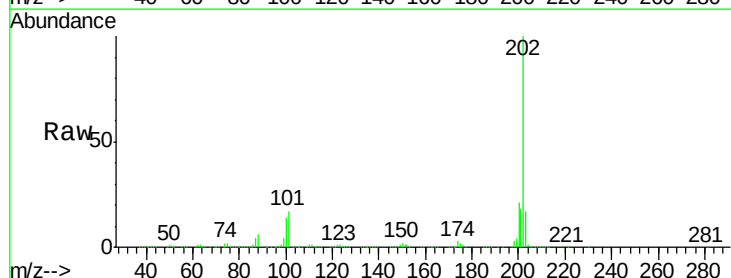
Instrument :
 BNA_N
 ClientSampleId :

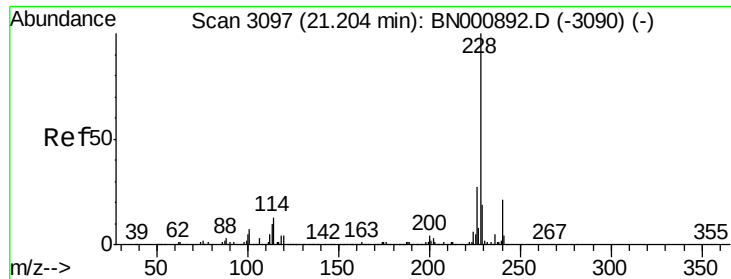
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.3	7.4	11.0



#19
 Pyrene
 Concen: 42.032 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BN000903.D
 Acq: 25 Apr 2018 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4
100	13.9	8.1	12.1

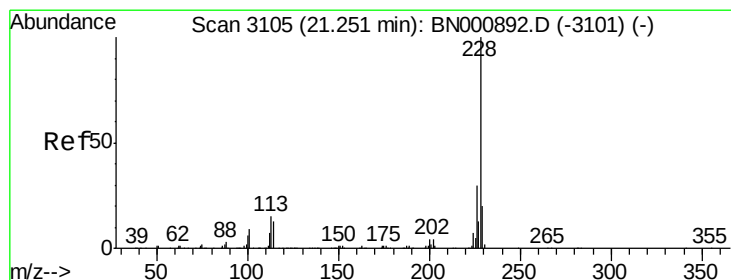
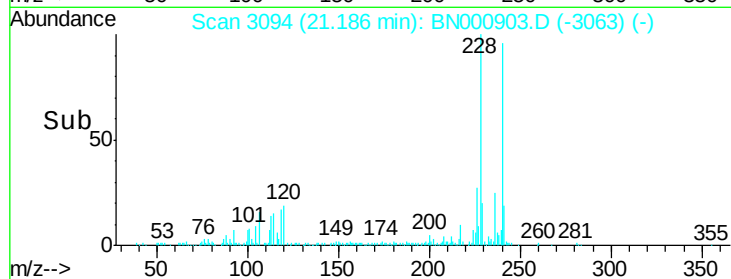
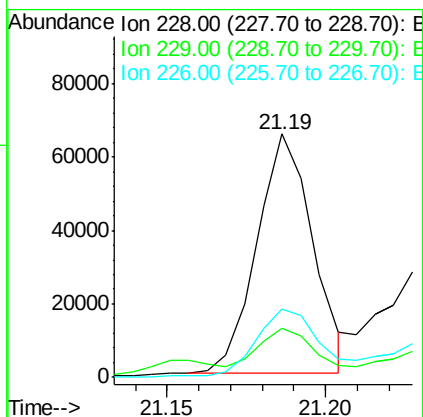
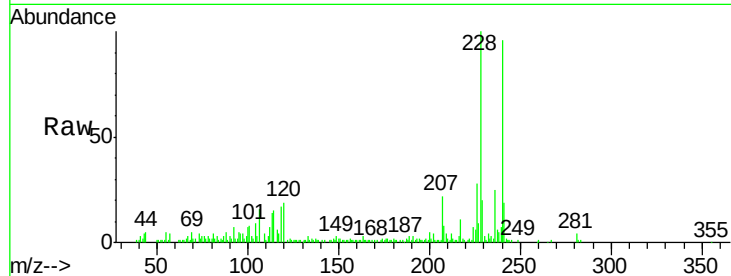




#20
Benzo(a)anthracene
Concen: 2.379 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000903.D
Acq: 25 Apr 2018 22:08

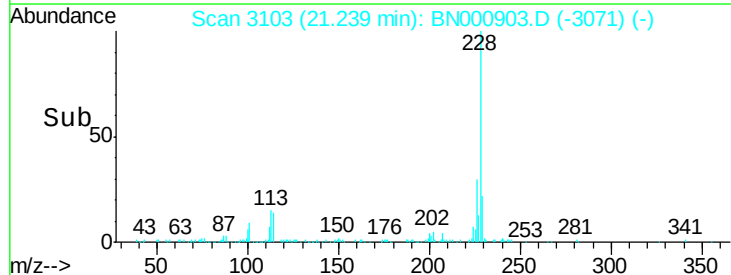
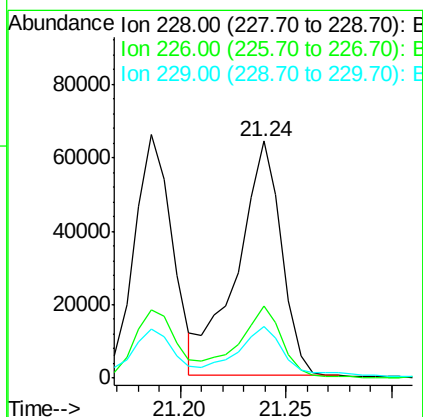
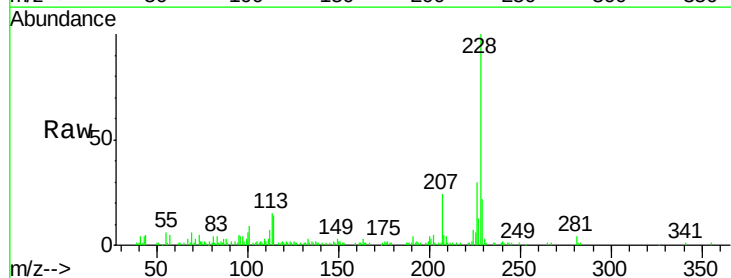
Instrument :
BNA_N
ClientSampleId :

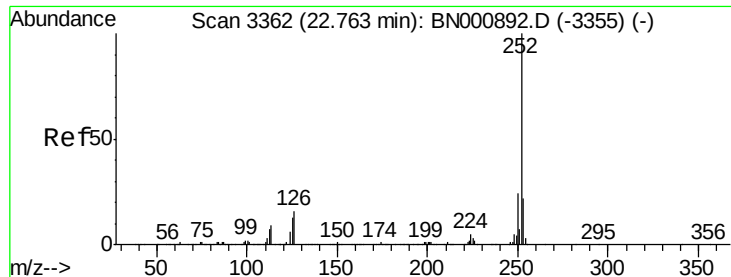
Tot Ion:228 Resp: 79672
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.8 21.1 31.7



#21
Chrysene
Concen: 2.943 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000903.D
Acq: 25 Apr 2018 22:08

Tgt Ion:228 Resp: 92630
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.0 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 5.076 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.02 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

Instrument :

BNA_N

ClientSampleId :

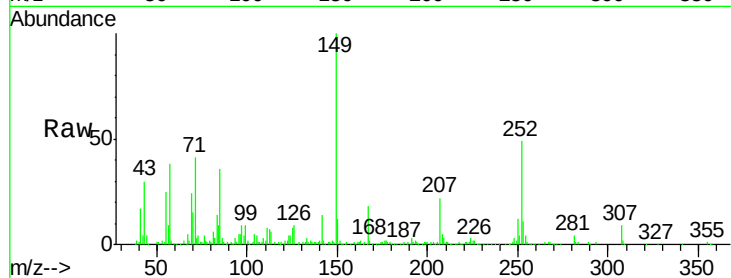
Tot Ion:252 Resp: 167484

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 16.4 8.0 12.0#

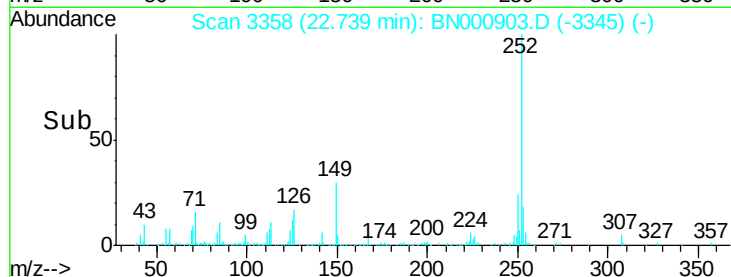


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



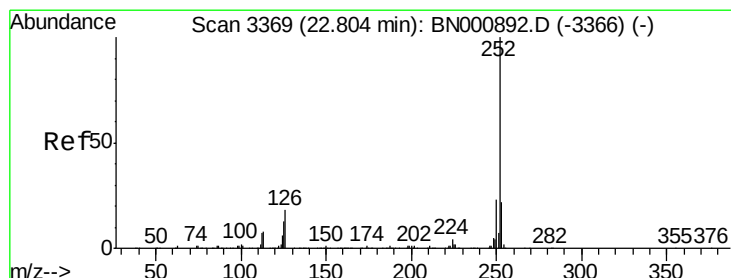
Abundance

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: 4.345 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.06 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

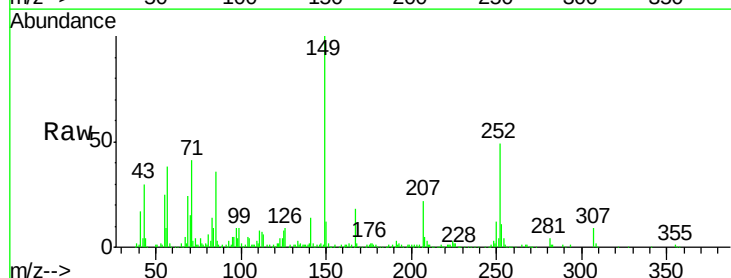
Tgt Ion:252 Resp: 140262

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 16.4 8.1 12.1#

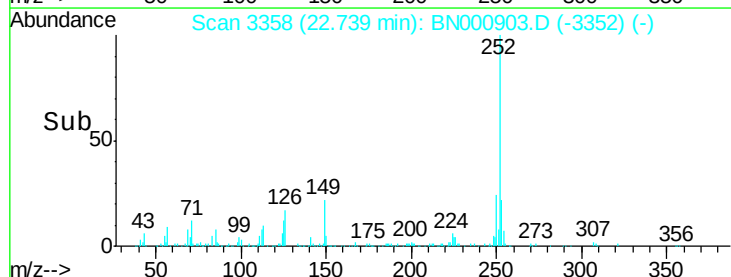


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



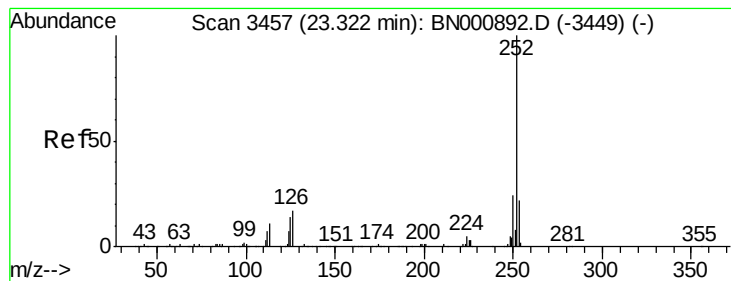
Abundance

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-->



#26

Benzo(a)pyrene

Concen: 2.548 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

Instrument :

BNA_N

ClientSampleId :

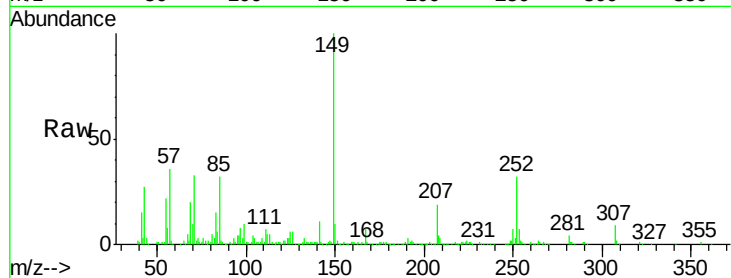
Tot Ion:252 Resp: 80328

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

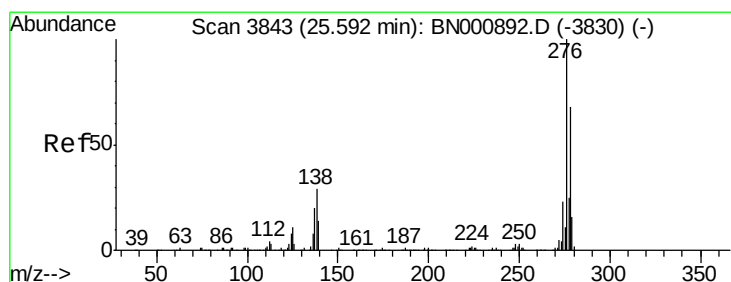
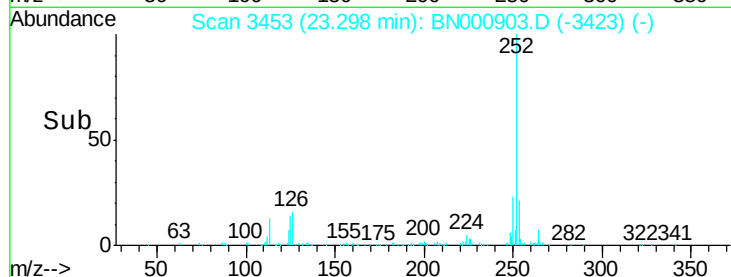
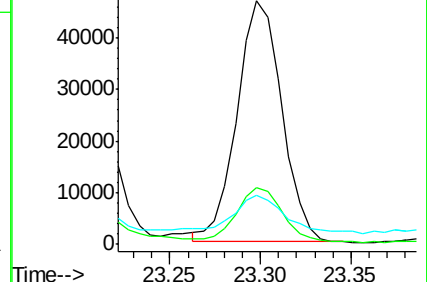
125 20.3 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.636 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.03 min

Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

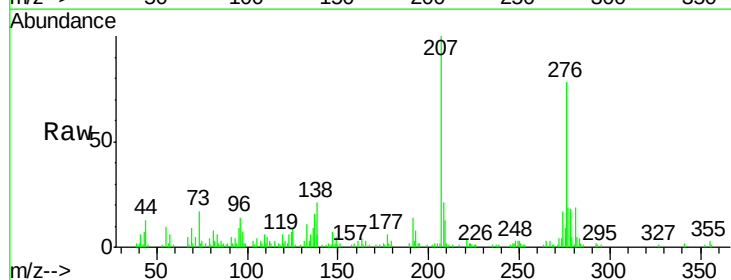
Tgt Ion:276 Resp: 62306

Ion Ratio Lower Upper

276 100

138 34.8 14.4 21.6#

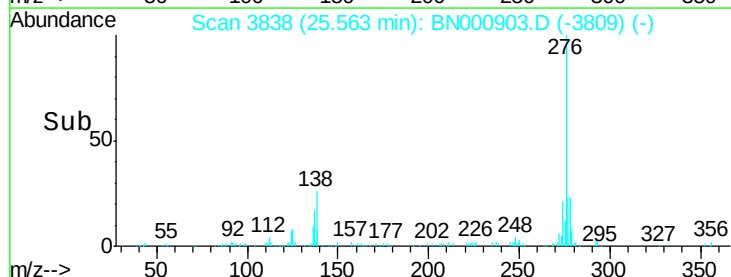
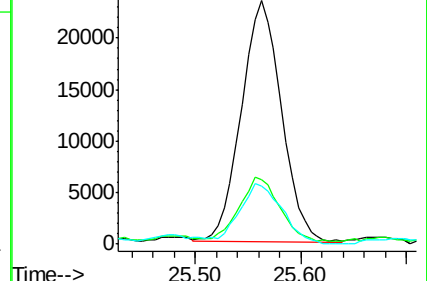
277 23.9 18.0 27.0

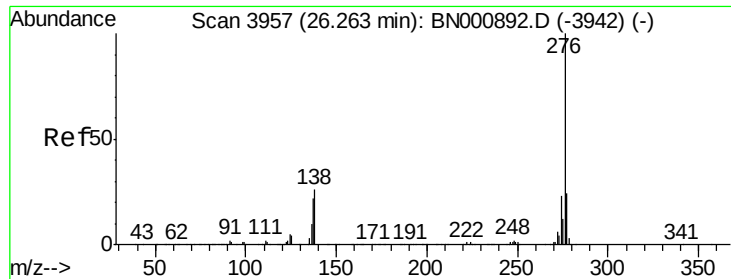


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.656 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. -0.04 min

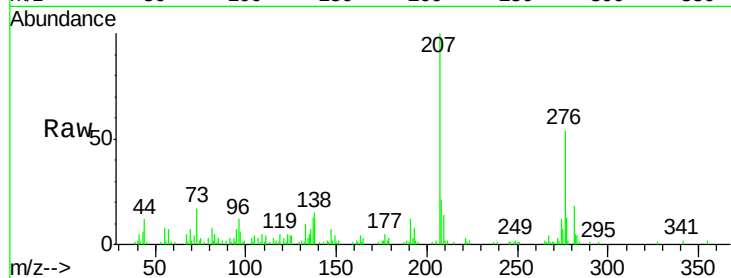
Lab File: BN000903.D

Acq: 25 Apr 2018 22:08

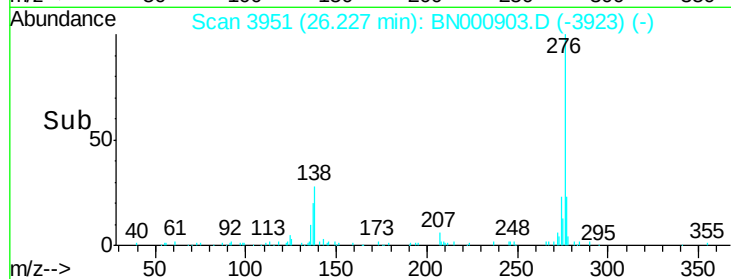
Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	52735
Ion	Ratio	Lower	Upper
276	100		
138	28.3	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

