

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000344.D
 Acq On : 13 Mar 2018 12:22
 Operator : JU/SJ
 Sample : J1845-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM97

Quant Time: Mar 14 05:43:21 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 05:40:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	168625	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	821934	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	472691	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1070288	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1253241	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1244328	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1416256	30.19	ng/ul	0.00
10) Fluorene-d10	16.04	176	939304	29.57	ng/ul	0.00
14) Anthracene-d10	17.88	188	1510420	30.20	ng/ul	0.00
18) Pyrene-d10	20.13	212	1780558	29.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1744178	30.70	ng/ul	0.00

Target Compounds

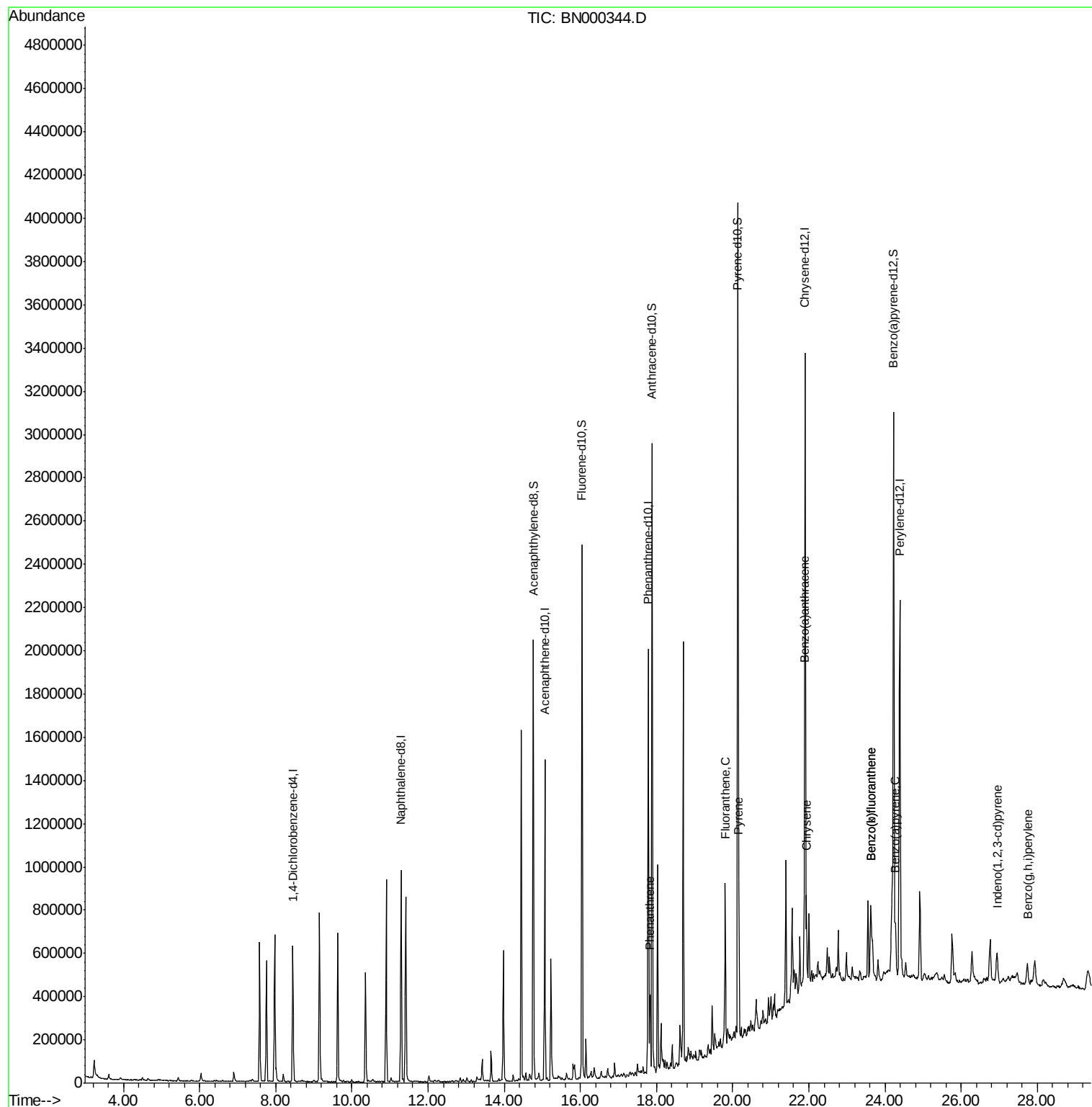
					Ovalue	
13) Phenanthrene	17.83	178	169824	2.767	ng/ul	99
16) Fluoranthene	19.80	202	415908	6.271	ng/ul#	95
19) Pyrene	20.16	202	368063	4.652	ng/ul#	90
20) Benzo(a)anthracene	21.88	228	207303	2.661	ng/ul	99
21) Chrysene	21.94	228	207310	2.804	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	294872	3.974	ng/ul#	94
24) Benzo(k)fluoranthene	23.63	252	374346	5.390	ng/ul#	94
26) Benzo(a)pyrene	24.27	252	186915	2.647	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	121277	1.593	ng/ul#	82
29) Benzo(g,h,i)perylene	27.74	276	122708	1.930	ng/ul#	89

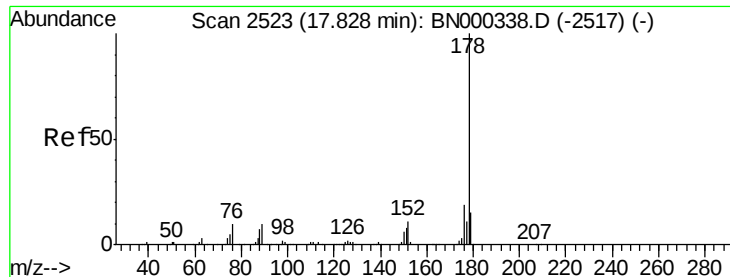
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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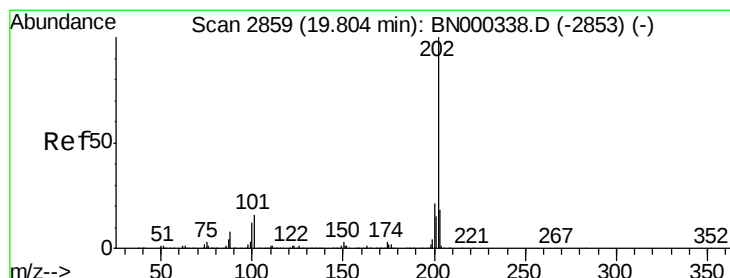
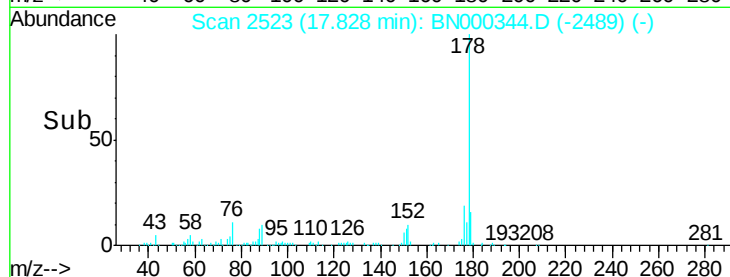
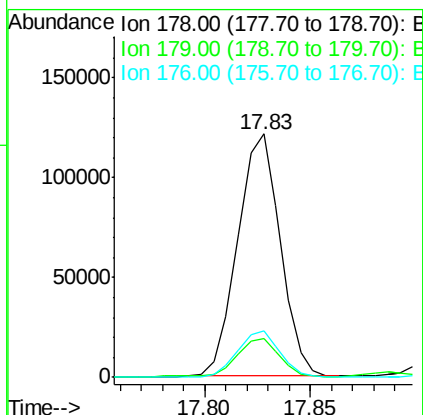
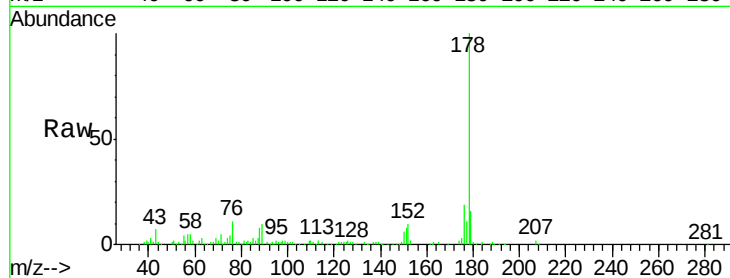




#13
Phenanthrene
Concen: 2.767 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

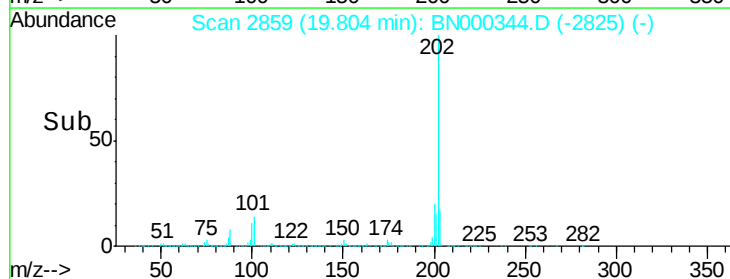
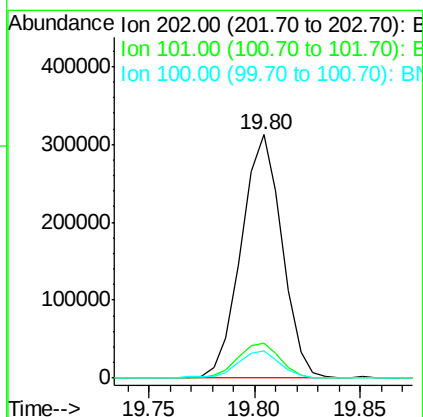
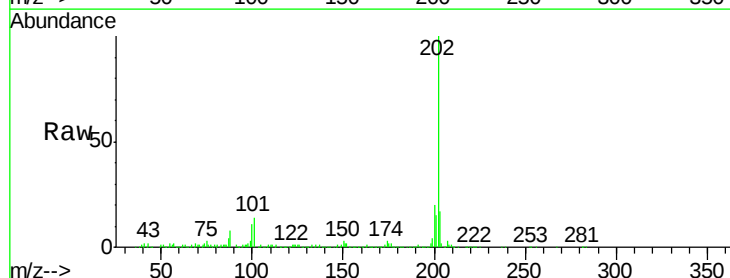
Instrument :
BNA_N
ClientSampleId :
DAM97

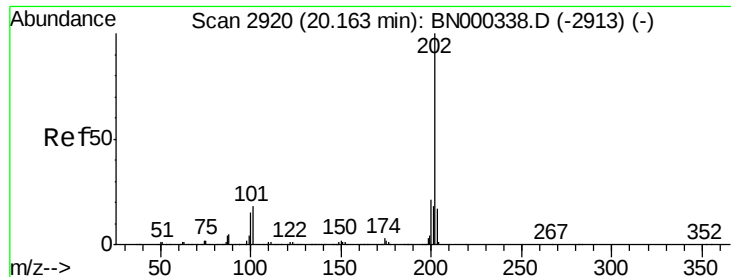
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.1	22.7



#16
Fluoranthene
Concen: 6.271 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.2	7.4	11.0





#19

Pvrene

Concen: 4.652 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Instrument :

BNA_N

ClientSampleId :

DAM97

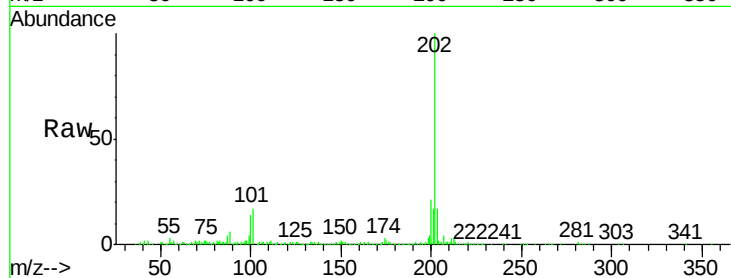
Tot Ion:202 Resp: 368063

Ion Ratio Lower Upper

202 100

101 17.4 11.0 16.4#

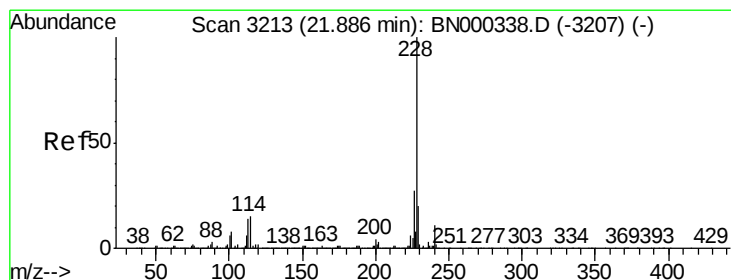
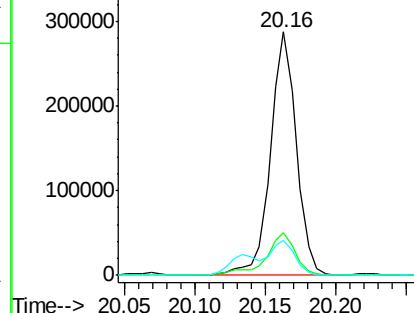
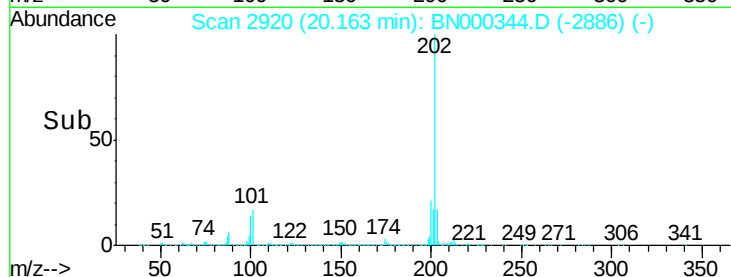
100 14.2 8.1 12.1#



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: 2.661 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

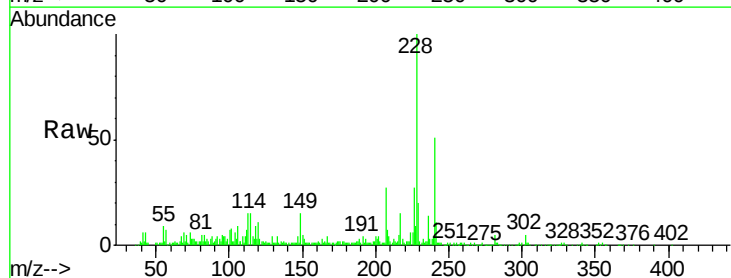
Tgt Ion:228 Resp: 207303

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

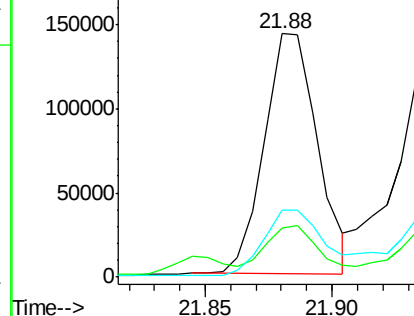
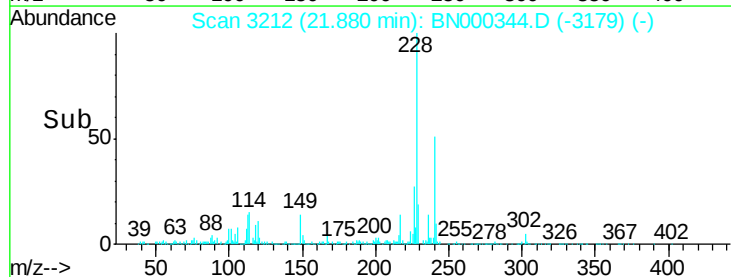
226 27.3 21.1 31.7

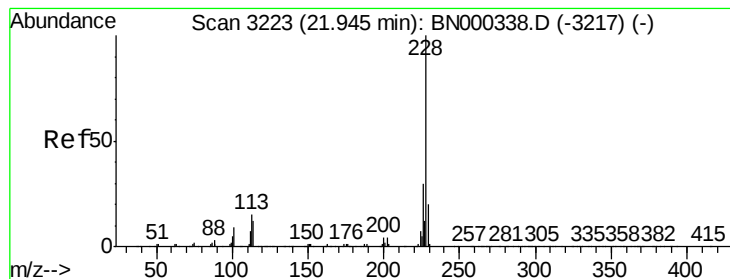


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.804 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Instrument :

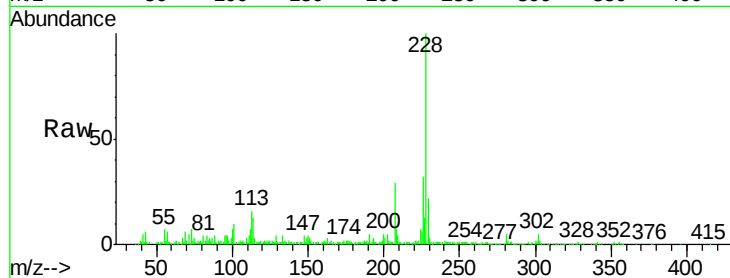
BNA_N

ClientSampleId :

DAM97

Tot Ion:228 Resp: 207310

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	21.9	15.8	23.8

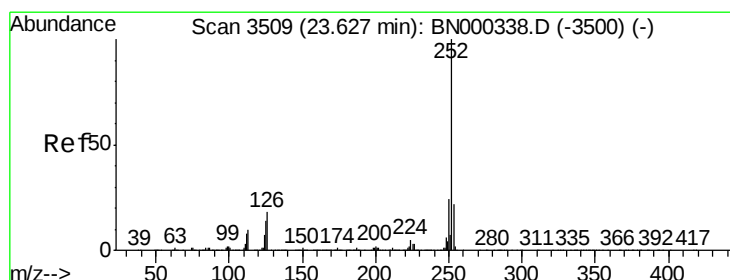
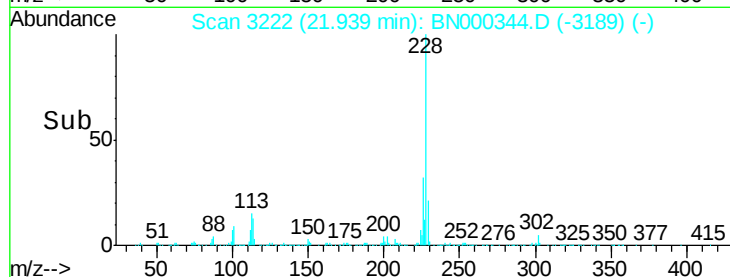
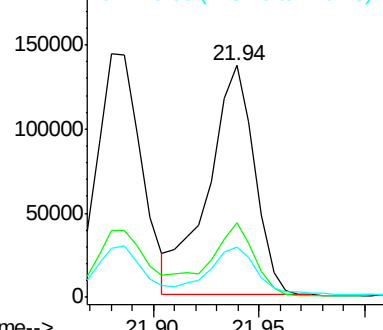


Abundance

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: 3.974 ng/ul

RT: 23.63 min Scan# 3509

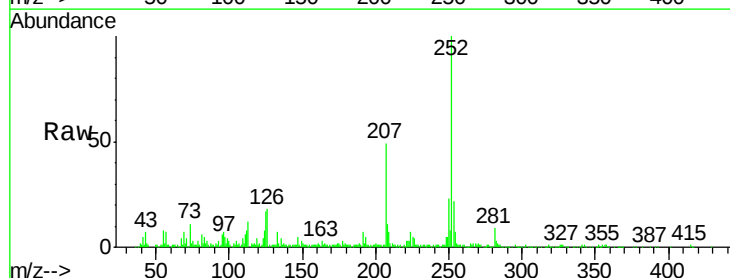
Delta R.T. -0.00 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Tgt Ion:252 Resp: 294872

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	16.5	8.0	12.0

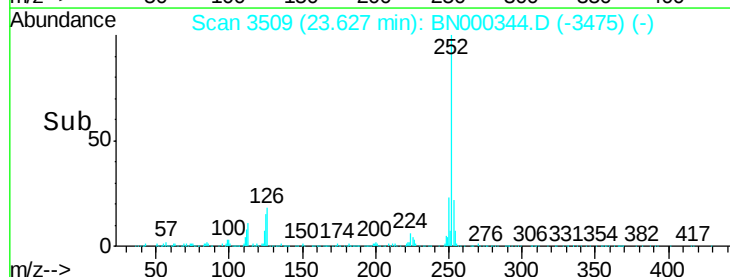
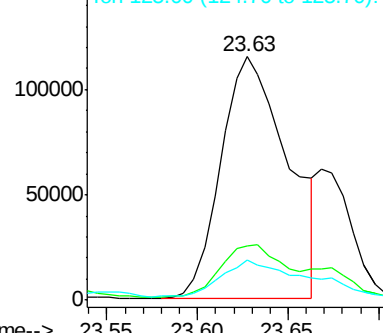


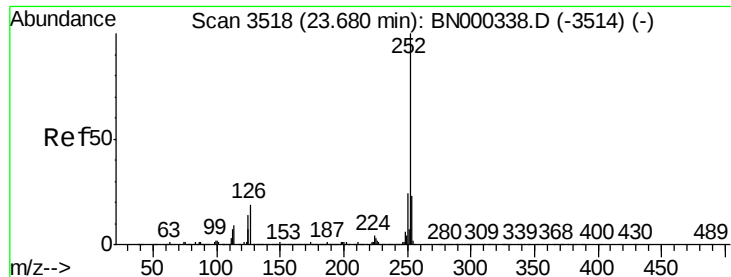
Abundance

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: 5.390 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Instrument :

BNA_N

ClientSampleId :

DAM97

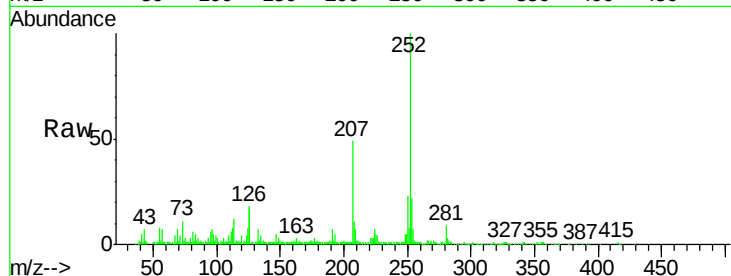
Tot Ion:252 Resp: 374346

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

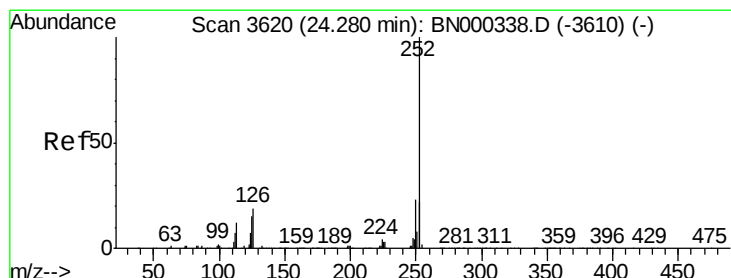
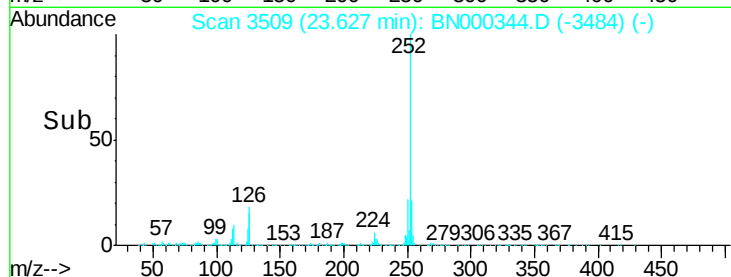
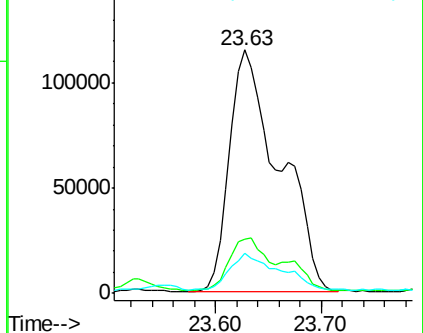
125 16.5 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 2.647 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

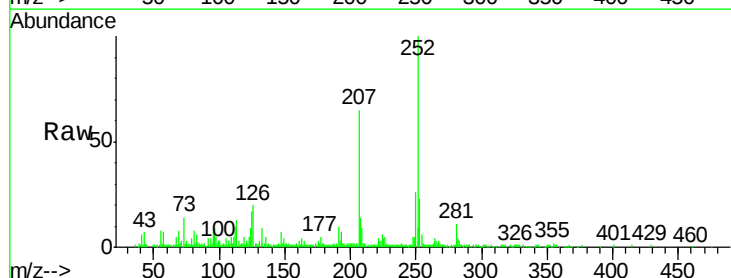
Tgt Ion:252 Resp: 186915

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

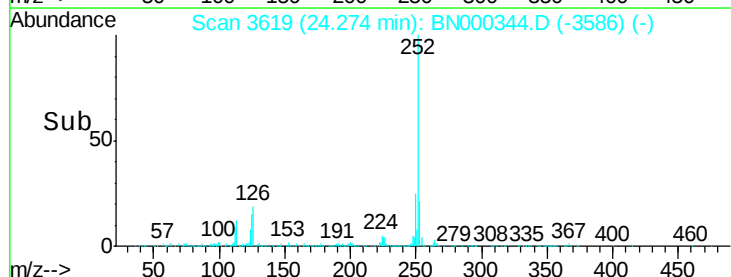
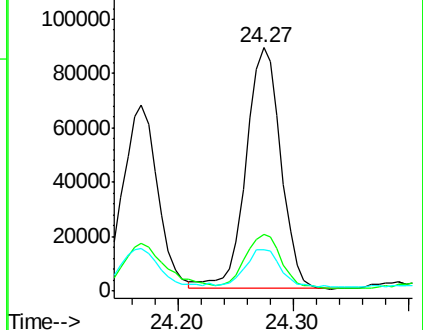
125 17.2 8.2 12.4#

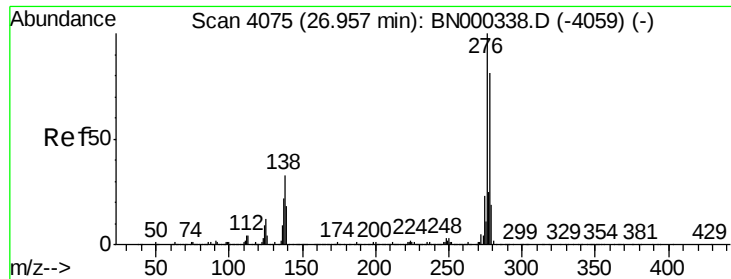


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

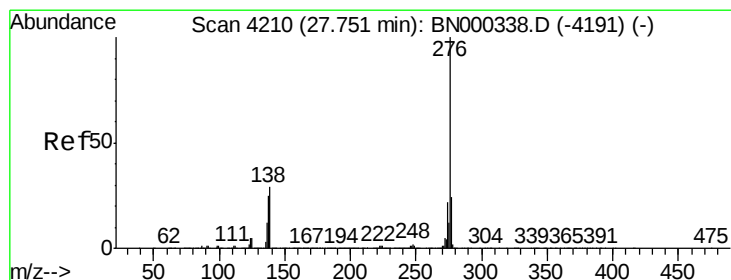
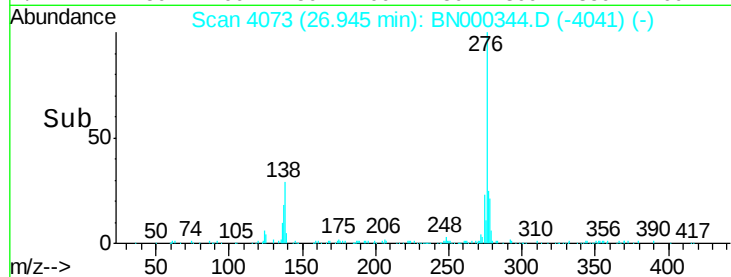
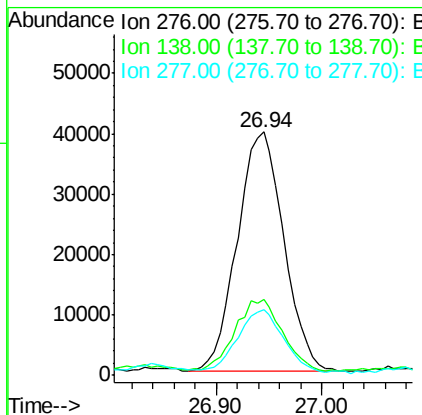
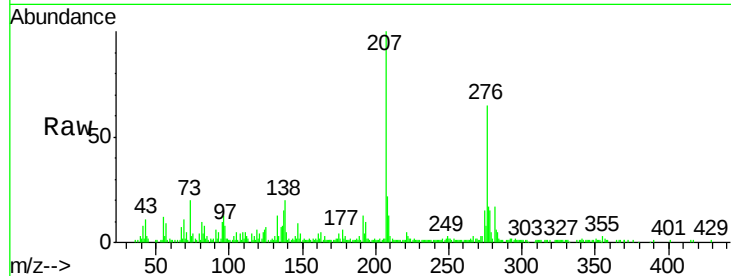




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.593 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000344.D
 Acq: 13 Mar 2018 12:22

Instrument :
 BNA_N
 ClientSampled :
 DAM97

Tot Ion:276 Resp: 121277
 Ion Ratio Lower Upper
 276 100
 138 31.3 14.4 21.6#
 277 26.7 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.930 ng/ul
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BN000344.D
 Acq: 13 Mar 2018 12:22

Tgt Ion:276 Resp: 122708
 Ion Ratio Lower Upper
 276 100
 138 30.0 15.3 22.9#
 277 24.4 19.0 28.4

