

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000340.D
 Acq On : 13 Mar 2018 10:04
 Operator : JU/SJ
 Sample : J1845-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM99

Quant Time: Mar 14 05:42:30 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

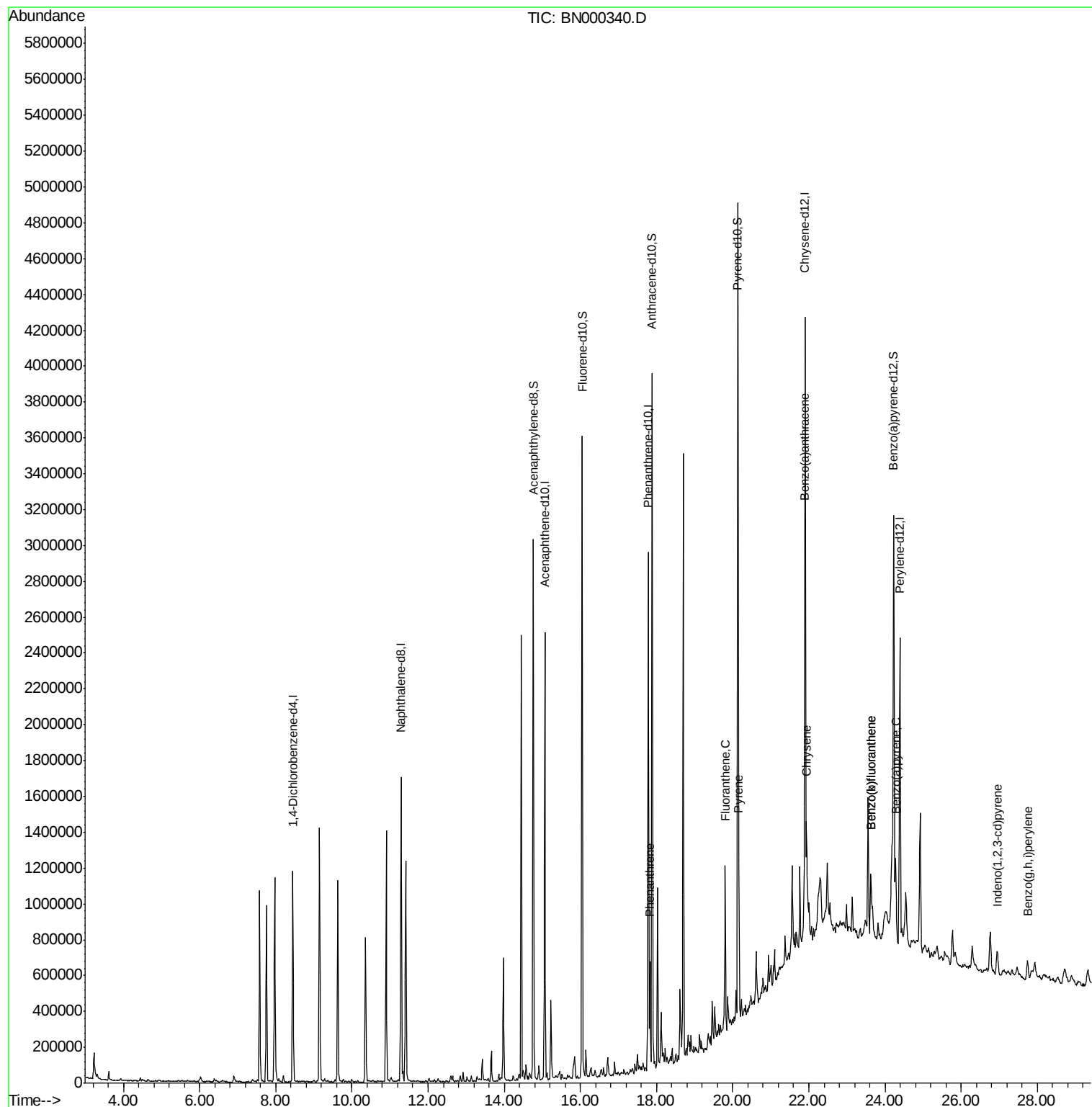
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	316353	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1445334	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	766973	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1583423	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1430984	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1222162	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2119663	27.84	ng/ul	0.00
10) Fluorene-d10	16.05	176	1369577	26.57	ng/ul	0.00
14) Anthracene-d10	17.88	188	2051661	27.73	ng/ul	0.00
18) Pyrene-d10	20.13	212	2155266	30.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1591980	28.53	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	297828	3.280	ng/ul	99
16) Fluoranthene	19.80	202	498076	5.076	ng/ul#	93
19) Pyrene	20.16	202	433966	4.803	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	229972	2.585	ng/ul	97
21) Chrysene	21.94	228	217936	2.581	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	353427	4.850	ng/ul#	90
24) Benzo(k)fluoranthene	23.63	252	253127	3.711	ng/ul#	90
26) Benzo(a)pyrene	24.28	252	179641	2.590	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	118114	1.579	ng/ul#	83
29) Benzo(g,h,i)perylene	27.74	276	134020	2.146	ng/ul#	90

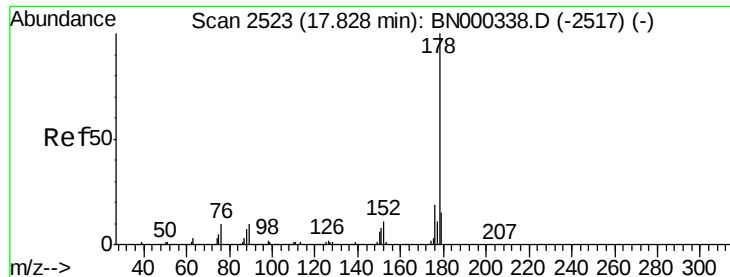
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.280 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

Instrument :

BNA_N

ClientSampleId :

DAM99

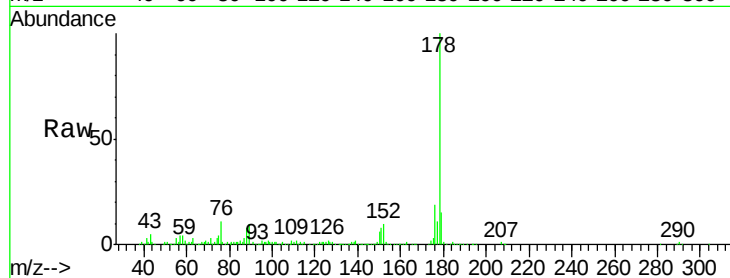
Tot Ion:178 Resp: 297828

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

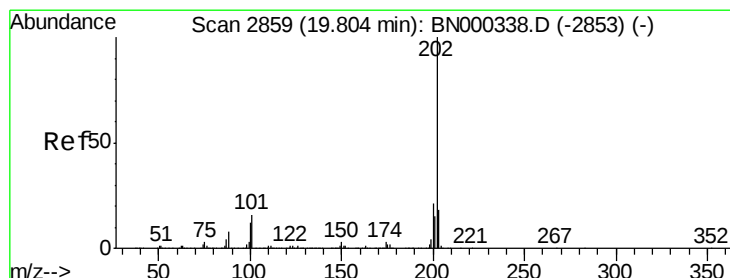
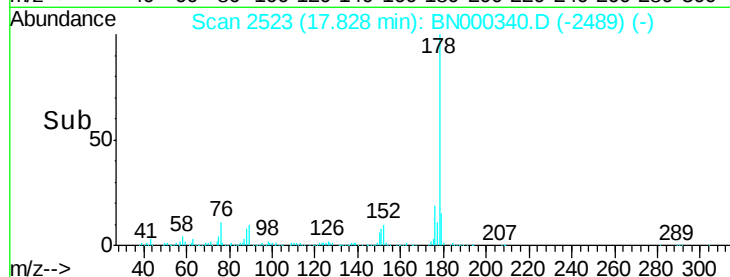
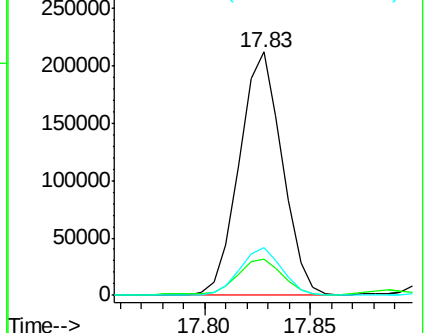
176 19.5 15.1 22.7



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: 5.076 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

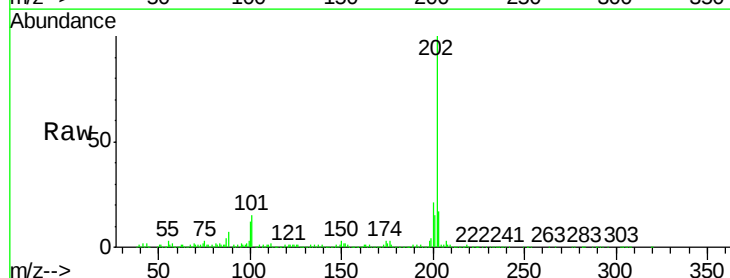
Tgt Ion:202 Resp: 498076

Ion Ratio Lower Upper

202 100

101 14.8 9.9 14.9

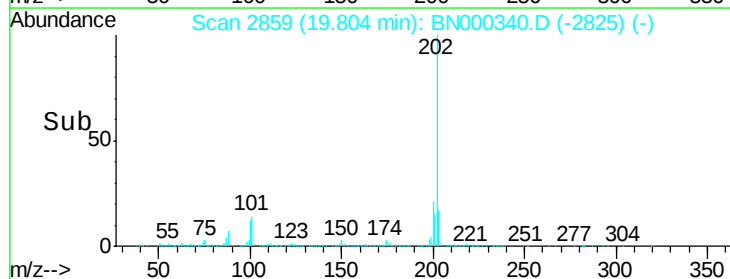
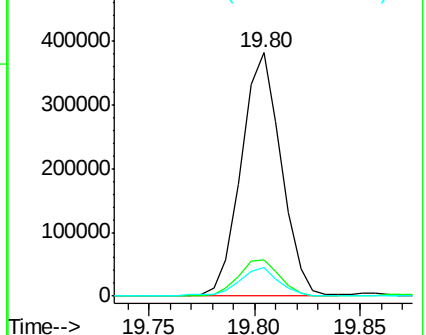
100 11.9 7.4 11.0#

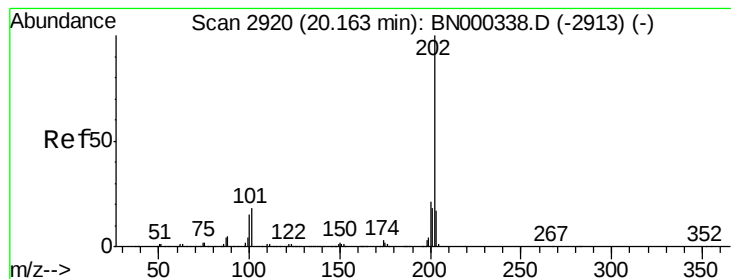


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.803 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

Instrument :

BNA_N

ClientSampleId :

DAM99

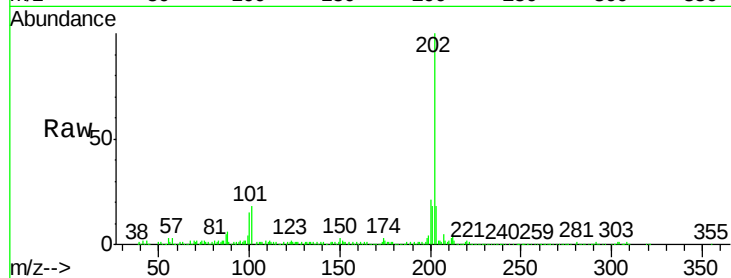
Tot Ion:202 Resp: 433966

Ion Ratio Lower Upper

202 100

101 18.1 11.0 16.4#

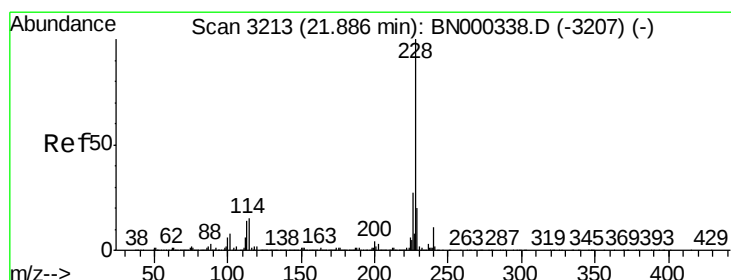
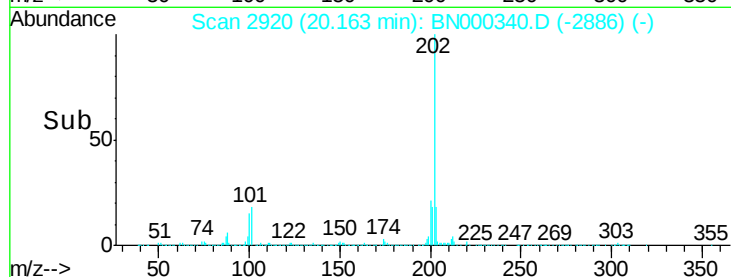
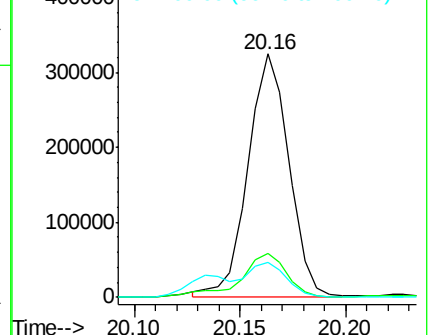
100 14.5 8.1 12.1#



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: 2.585 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

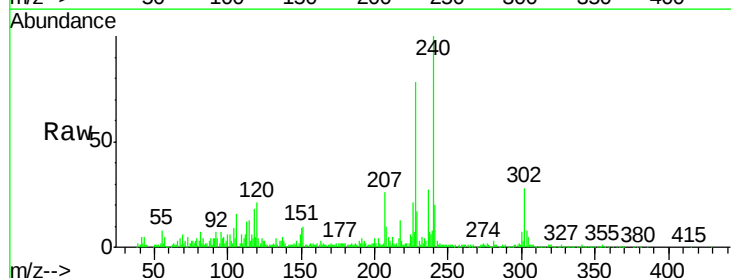
Tgt Ion:228 Resp: 229972

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

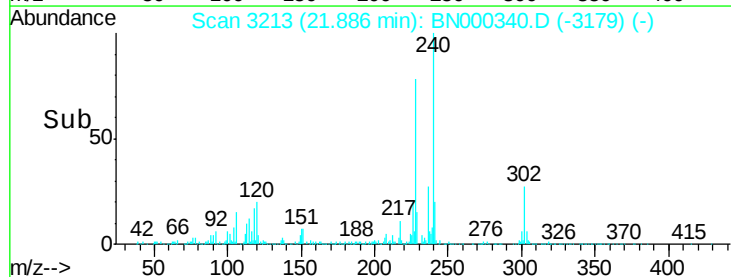
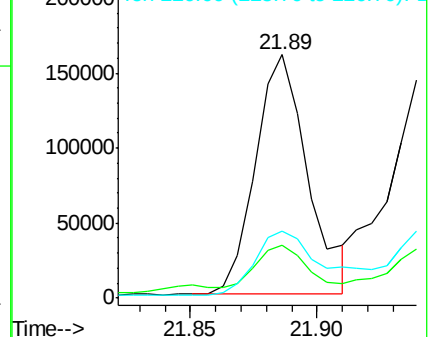
226 27.4 21.1 31.7

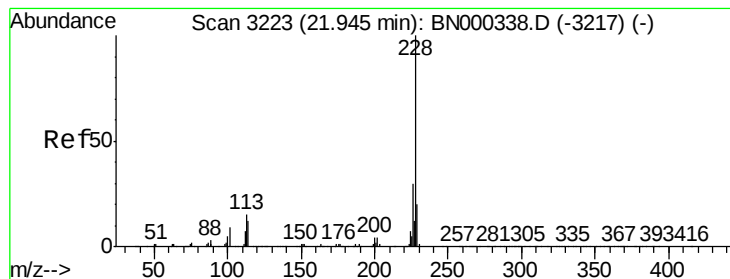


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.581 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

Instrument :

BNA_N

ClientSampleId :

DAM99

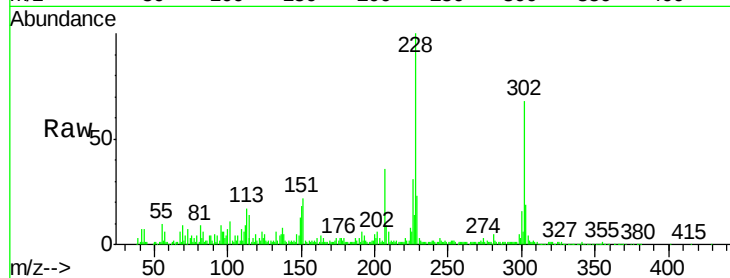
Tot Ion:228 Resp: 217936

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

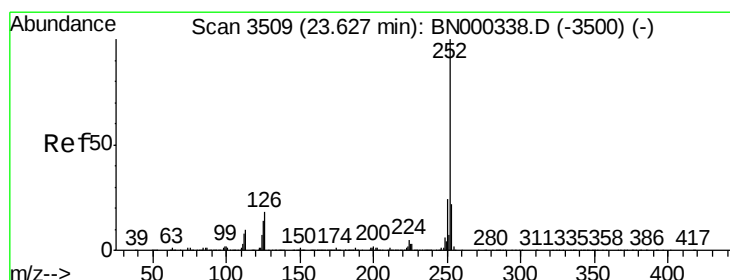
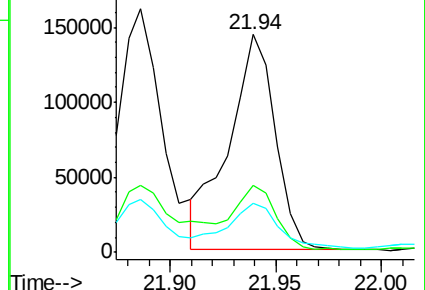
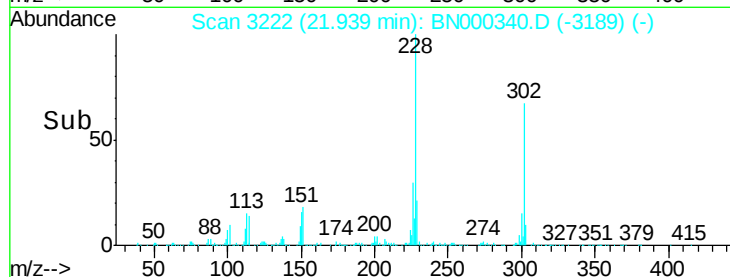
229 22.7 15.8 23.8



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: 4.850 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

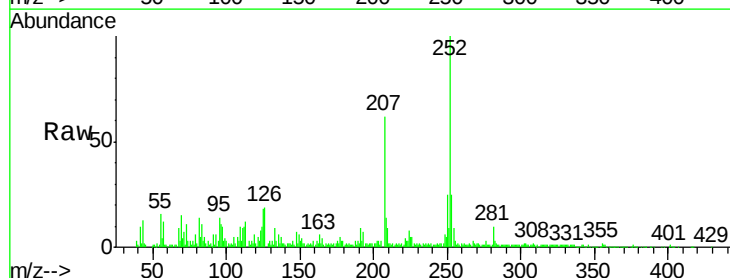
Tgt Ion:252 Resp: 353427

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

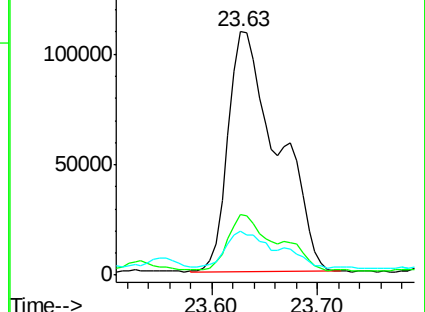
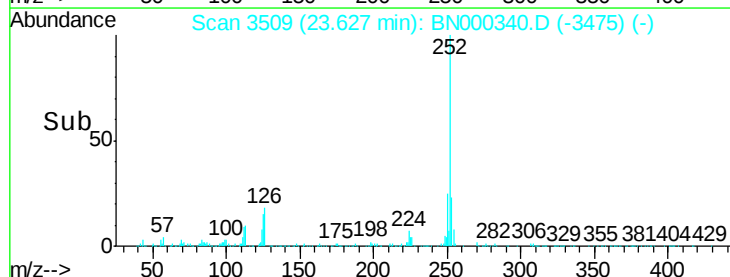
125 17.8 8.0 12.0#

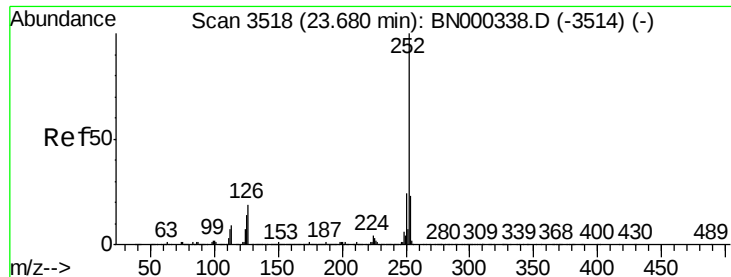


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.711 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

Instrument :

BNA_N

ClientSampled :

DAM99

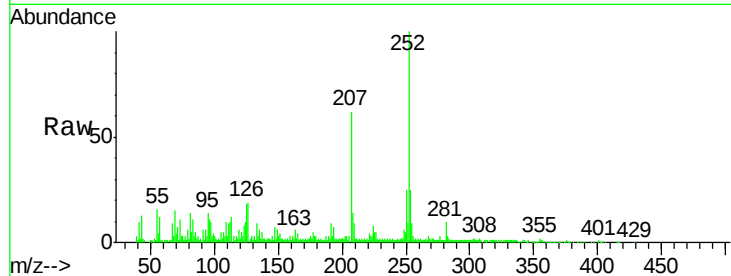
Tot Ion:252 Resp: 253127

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

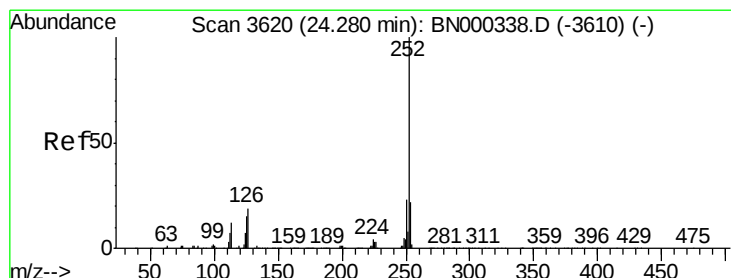
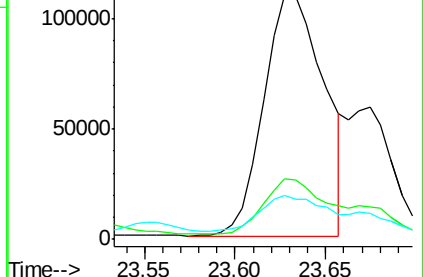
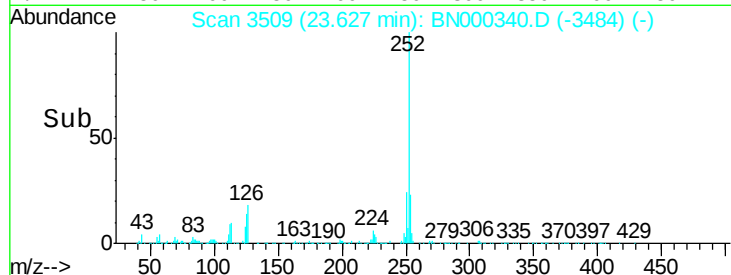
125 17.8 8.1 12.1#



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: 2.590 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000340.D

Acq: 13 Mar 2018 10:04

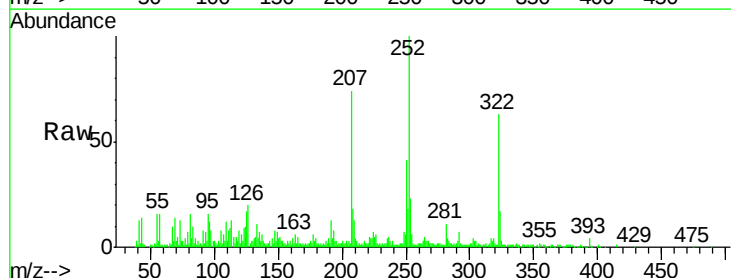
Tgt Ion:252 Resp: 179641

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

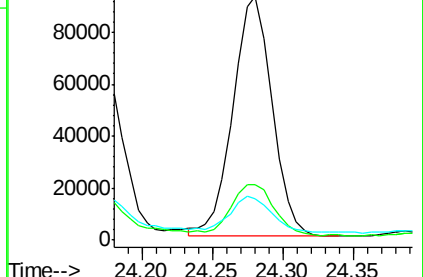
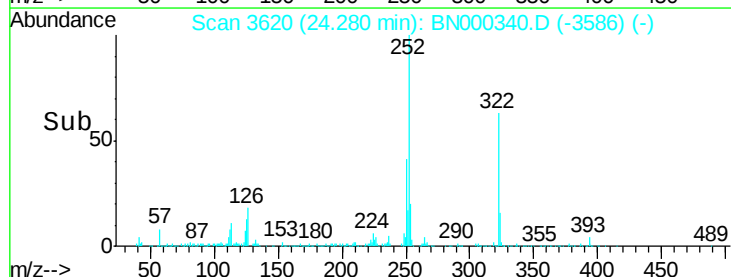
125 16.8 8.2 12.4#

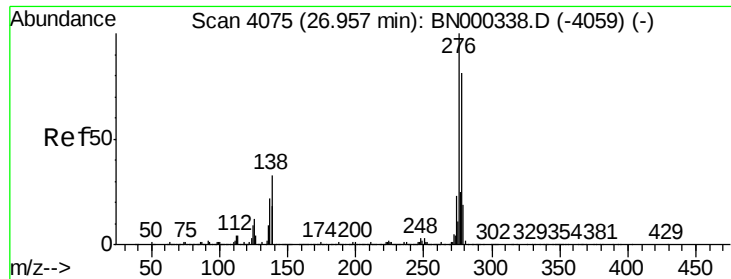


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

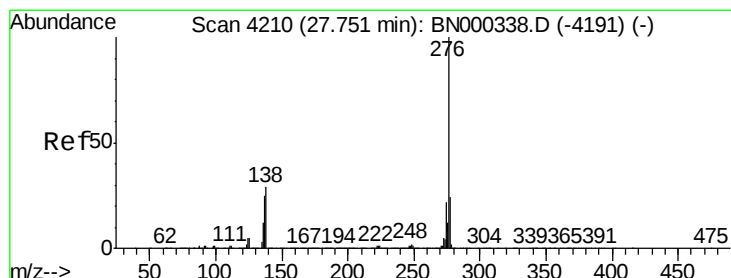
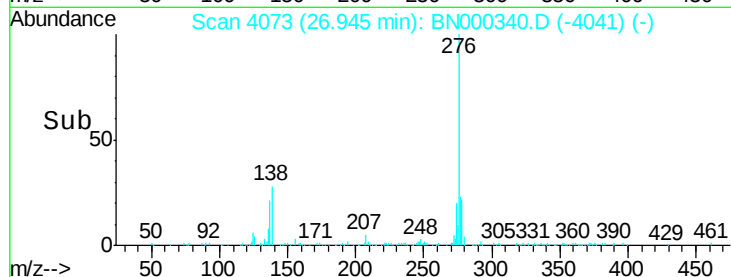
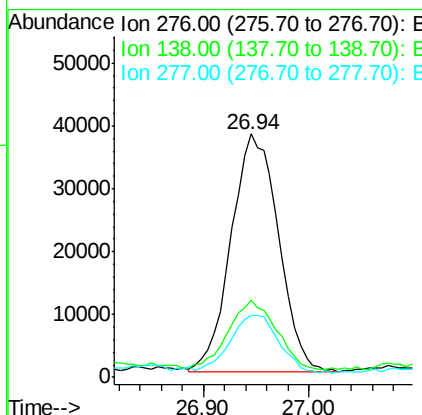
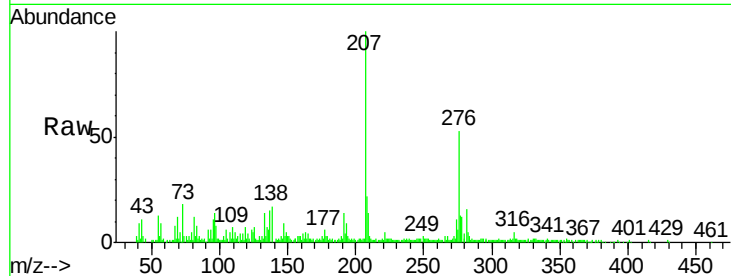




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.579 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000340.D
 Acq: 13 Mar 2018 10:04

Instrument :
 BNA_N
 ClientSampled :
 DAM99

Tot Ion:276 Resp: 118114
 Ion Ratio Lower Upper
 276 100
 138 31.8 14.4 21.6#
 277 25.3 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.146 ng/ul
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BN000340.D
 Acq: 13 Mar 2018 10:04

Tgt Ion:276 Resp: 134020
 Ion Ratio Lower Upper
 276 100
 138 29.0 15.3 22.9#
 277 23.1 19.0 28.4

