

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000348.D
 Acq On : 13 Mar 2018 14:40
 Operator : JU/SJ
 Sample : J1845-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD0

Quant Time: Mar 14 05:44:09 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	194806	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	928022	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	535114	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1215191	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1400071	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1338134	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1781467	33.54	ng/ul	0.00
10) Fluorene-d10	16.05	176	1166696	32.44	ng/ul	0.00
14) Anthracene-d10	17.88	188	1885832	33.21	ng/ul	0.00
18) Pyrene-d10	20.13	212	2197643	32.09	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2047822	33.51	ng/ul	0.00

Target Compounds

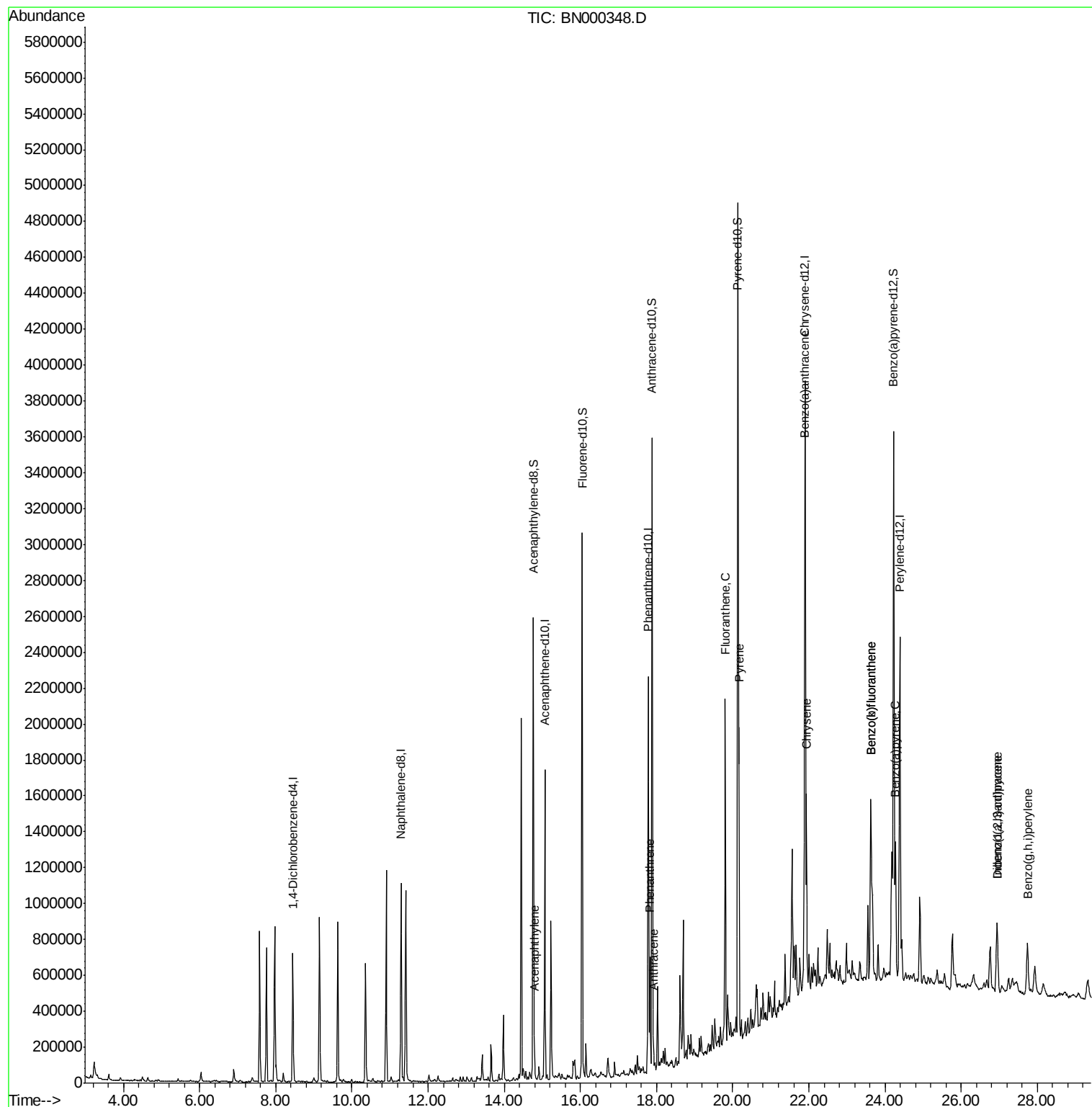
					Ovalue	
8) Acenaphthylene	14.79	152	102857	1.927	ng/ul	98
13) Phenanthrene	17.83	178	334224	4.796	ng/ul	99
15) Anthracene	17.92	178	96887	1.370	ng/ul	100
16) Fluoranthene	19.80	202	1013521	13.460	ng/ul#	94
19) Pyrene	20.16	202	894333	10.118	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	567528	6.520	ng/ul	96
21) Chrysene	21.94	228	565777	6.850	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	839741	10.524	ng/ul#	94
24) Benzo(k)fluoranthene	23.63	252	1071860	14.351	ng/ul#	94
26) Benzo(a)pyrene	24.27	252	511097	6.730	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.94	276	353192	4.313	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.94	278	94318	1.405	ng/ul#	78
29) Benzo(a,h,i)perylene	27.74	276	355654	5.202	ng/ul#	89

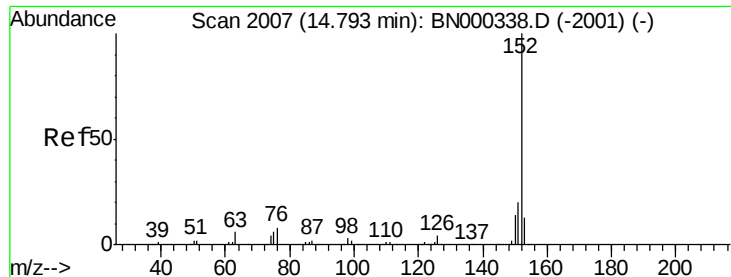
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.927 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

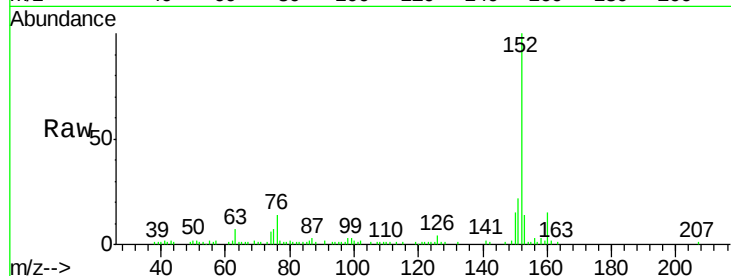
Tot Ion:152 Resp: 102857

Ion Ratio Lower Upper

152 100

151 21.6 16.7 25.1

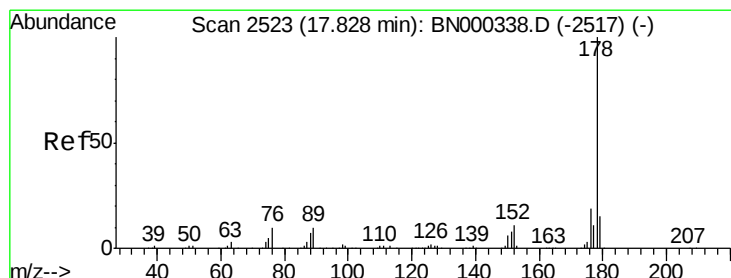
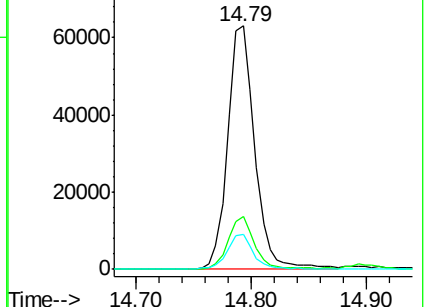
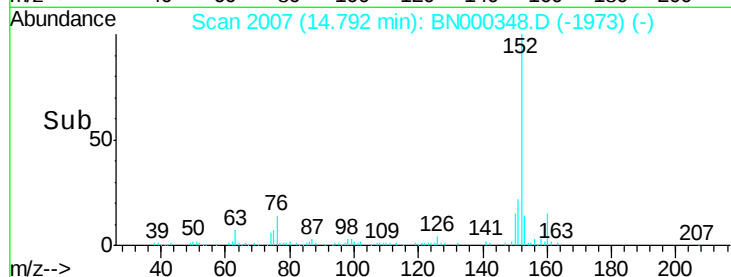
153 14.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 4.796 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

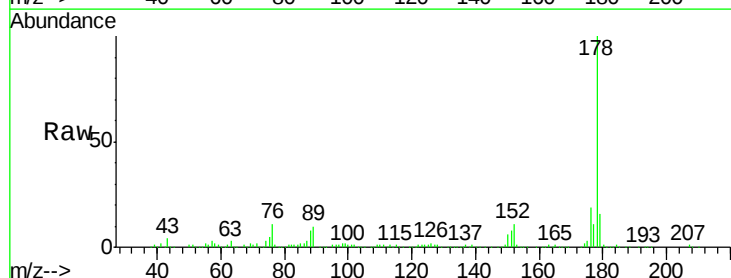
Tgt Ion:178 Resp: 334224

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

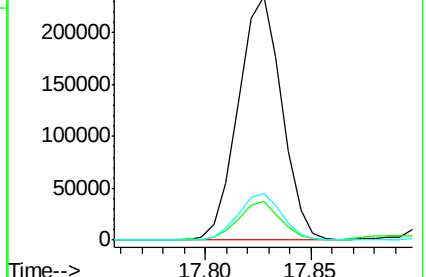
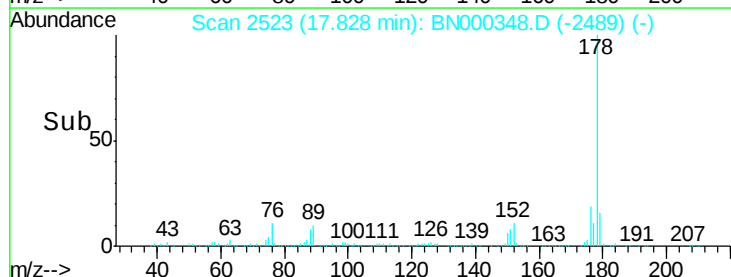
176 19.2 15.1 22.7

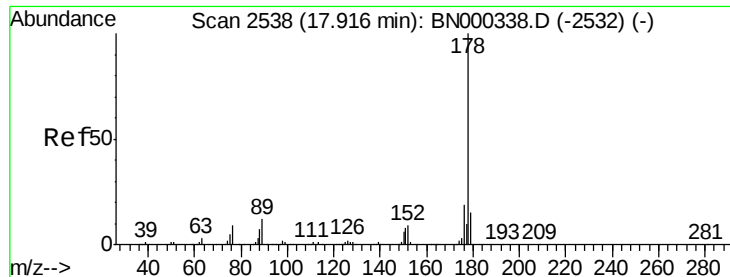


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

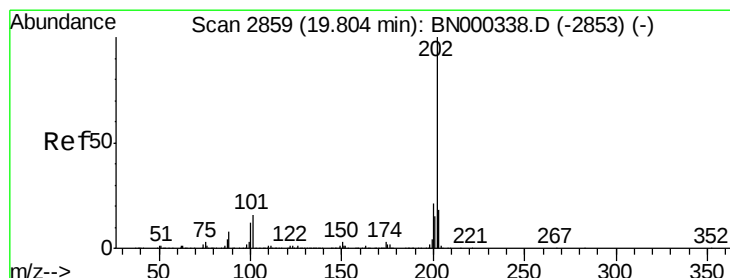
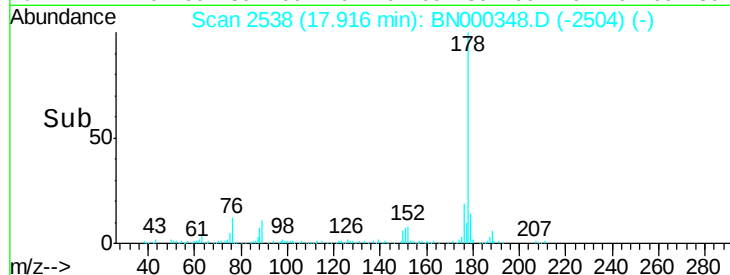
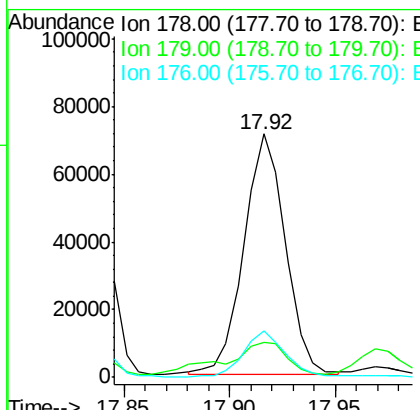
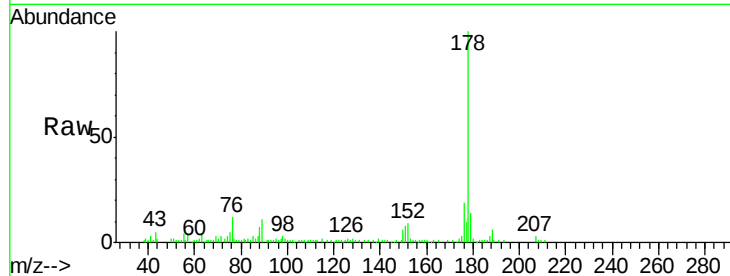




#15
 Anthracene
 Concen: 1.370 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN000348.D
 Acq: 13 Mar 2018 14:40

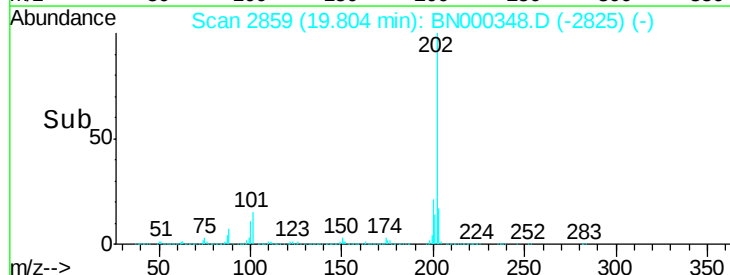
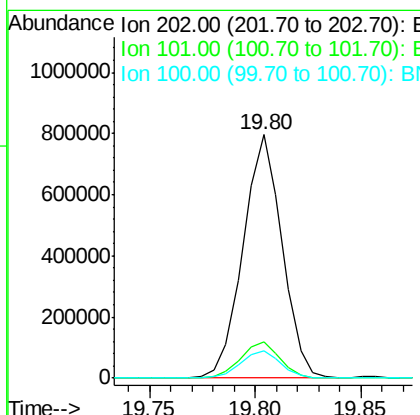
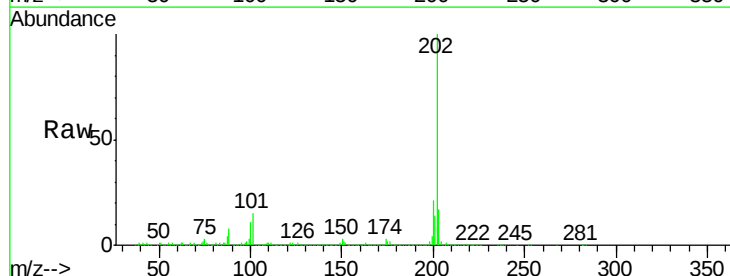
Instrument :
 BNA_N
 ClientSampleId :
 DAMD0

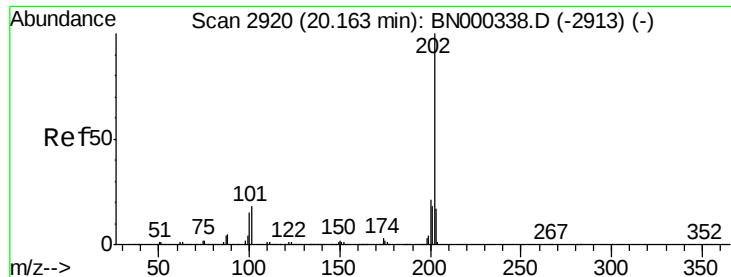
Tot Ion:178 Resp: 96887
 Ion Ratio Lower Upper
 178 100
 179 14.4 11.8 17.8
 176 19.0 15.2 22.8



#16
 Fluoranthene
 Concen: 13.460 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000348.D
 Acq: 13 Mar 2018 14:40

Tgt Ion:202 Resp: 1013521
 Ion Ratio Lower Upper
 202 100
 101 14.9 9.9 14.9#
 100 11.4 7.4 11.0#





#19

Pvrene

Concen: 10.118 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

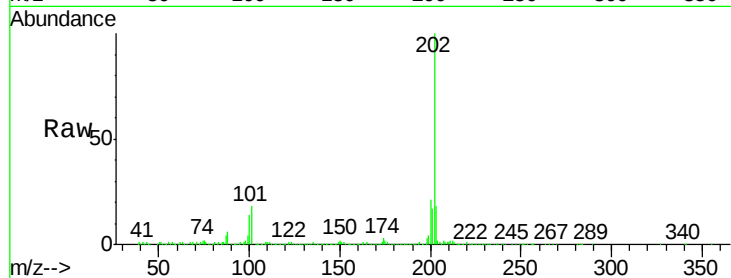
Tot Ion:202 Resp: 894333

Ion Ratio Lower Upper

202 100

101 18.4 11.0 16.4#

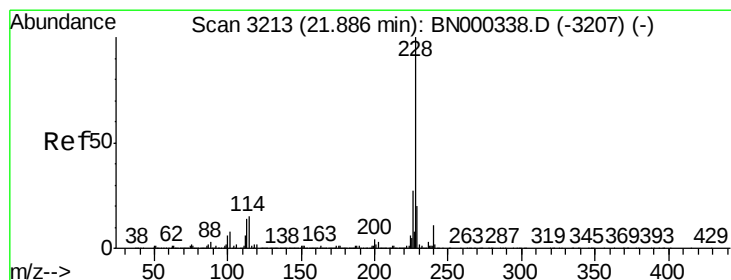
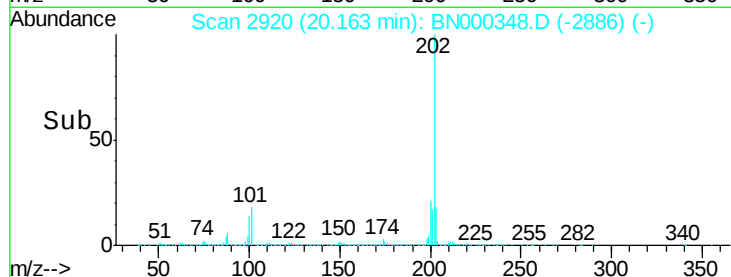
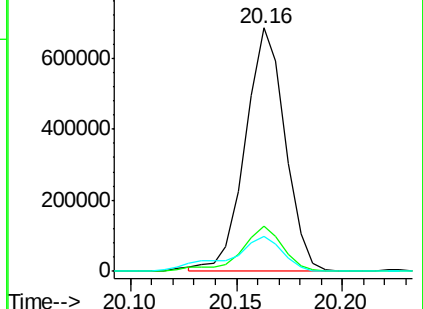
100 14.3 8.1 12.1#



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: 6.520 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

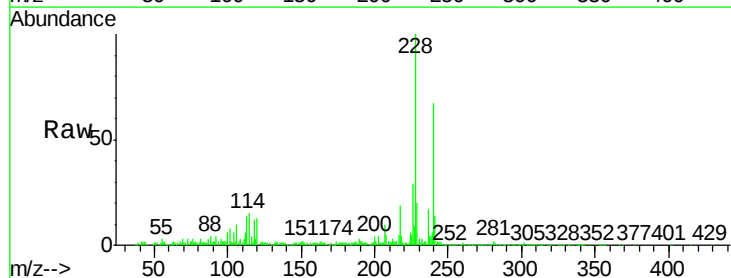
Tgt Ion:228 Resp: 567528

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

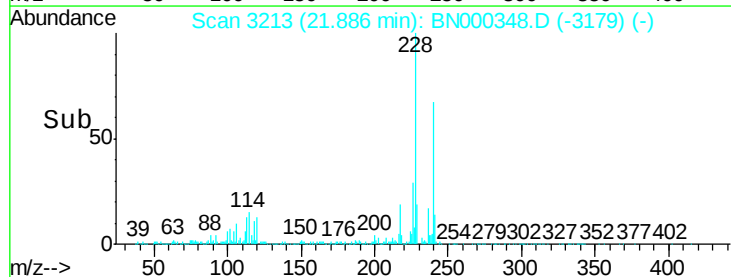
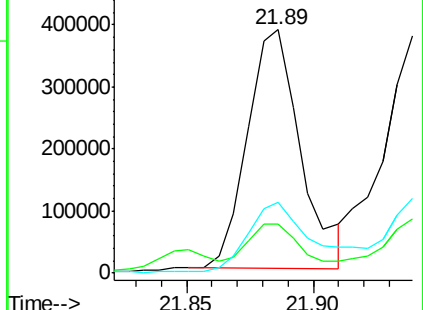
226 29.2 21.1 31.7

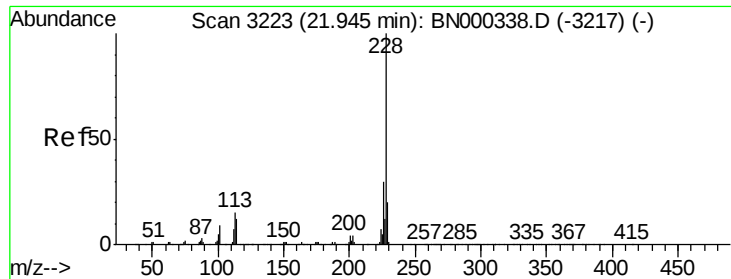


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 6.850 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

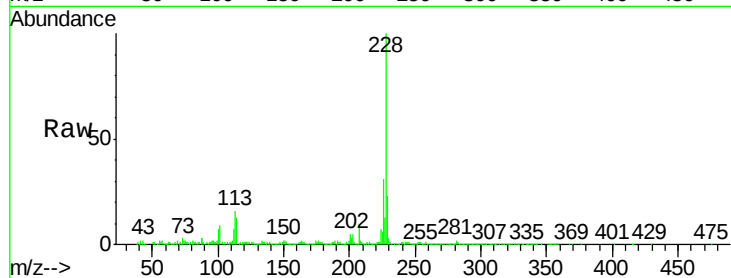
Tot Ion:228 Resp: 565777

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

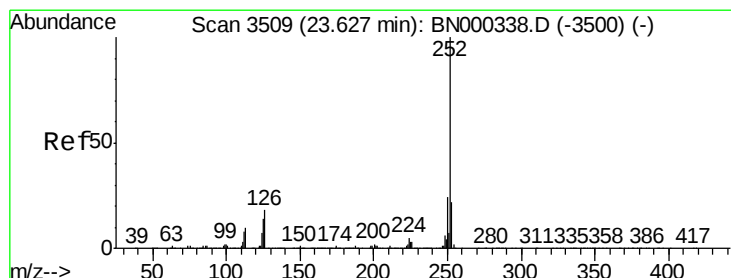
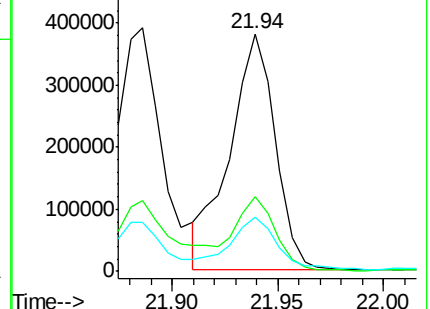
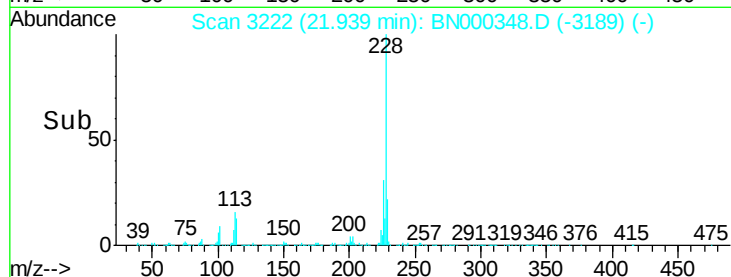
229 22.6 15.8 23.8



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: 10.524 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

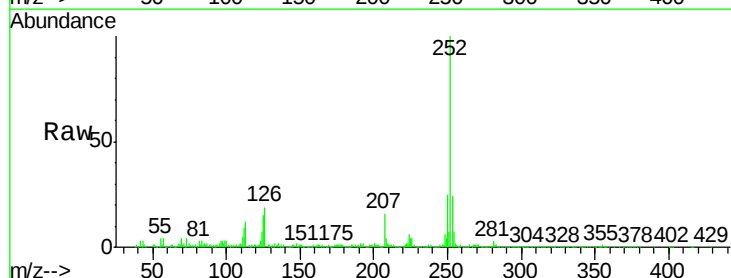
Tgt Ion:252 Resp: 839741

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

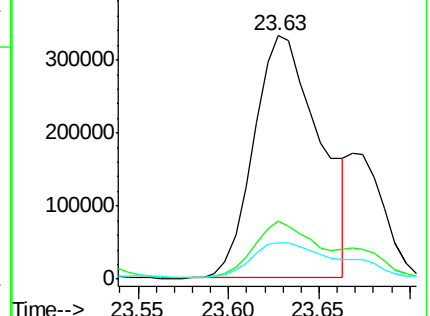
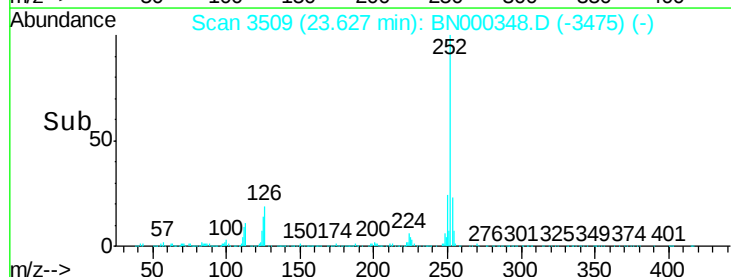
125 15.0 8.0 12.0#

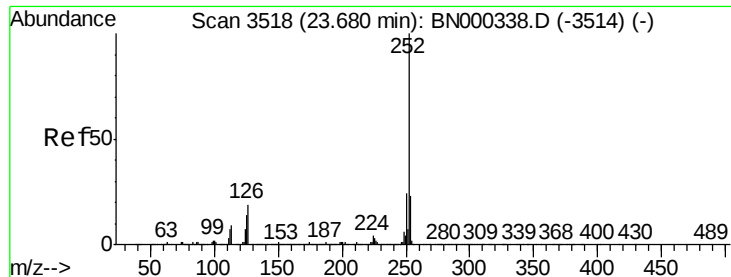


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 14.351 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

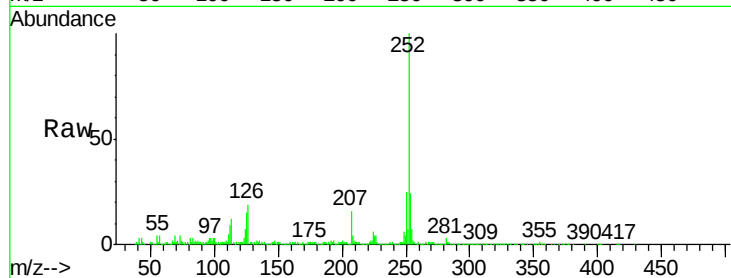
Tot Ion:252 Resp: 1071860

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

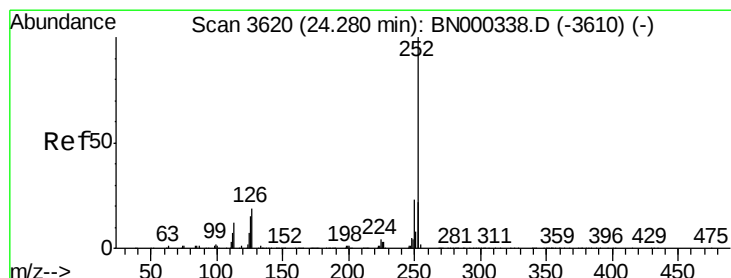
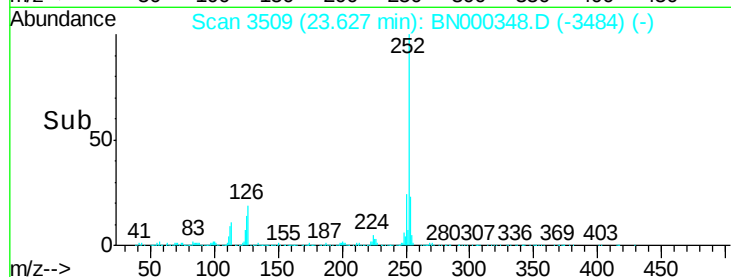
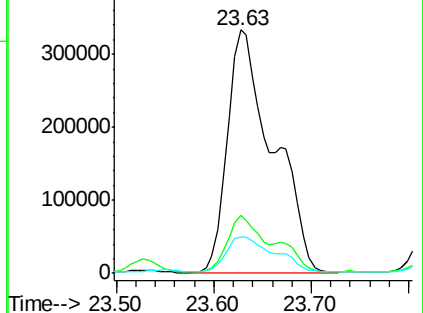
125 15.0 8.1 12.1#



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: 6.730 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

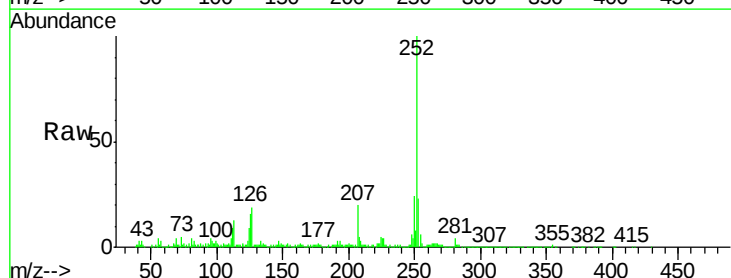
Tgt Ion:252 Resp: 511097

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

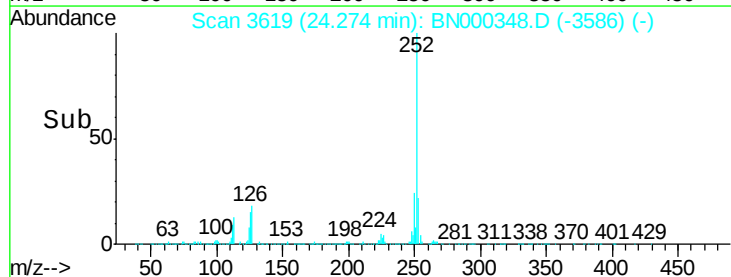
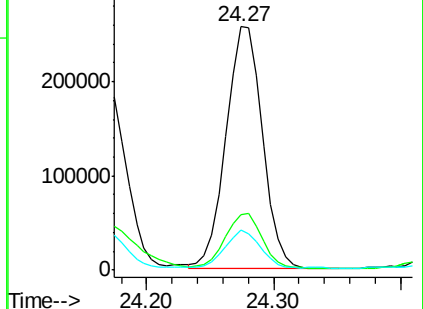
125 16.3 8.2 12.4#

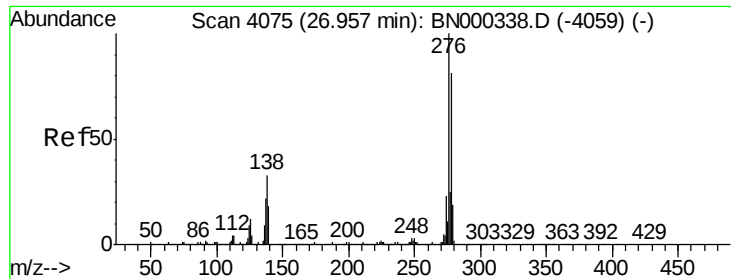


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



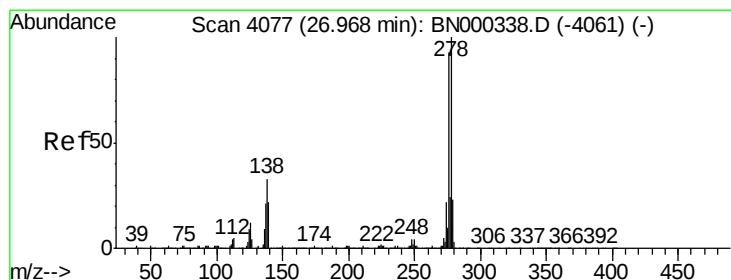
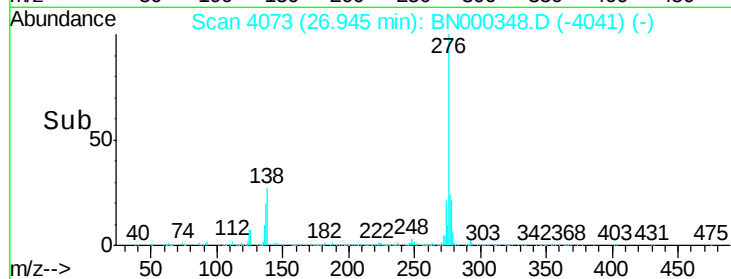
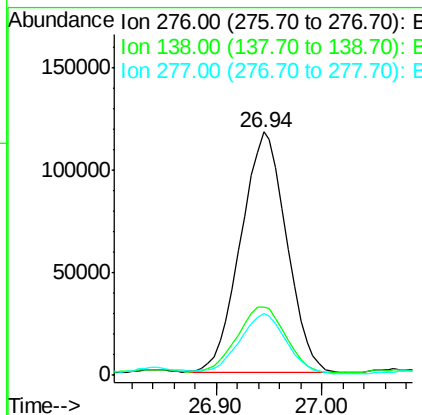
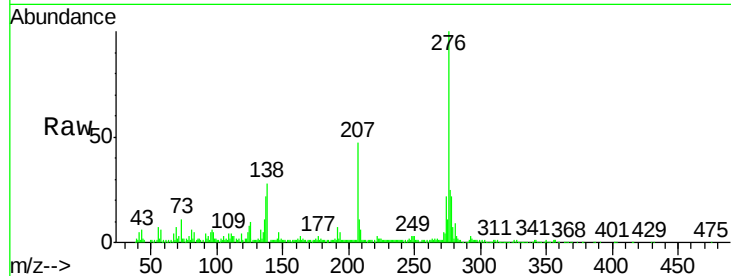


#27

Indeno(1,2,3-cd)pyrene
Concen: 4.313 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Instrument :
BNA_N
ClientSampleId :
DAMD0

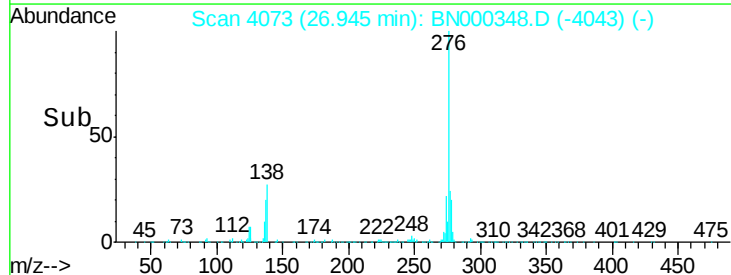
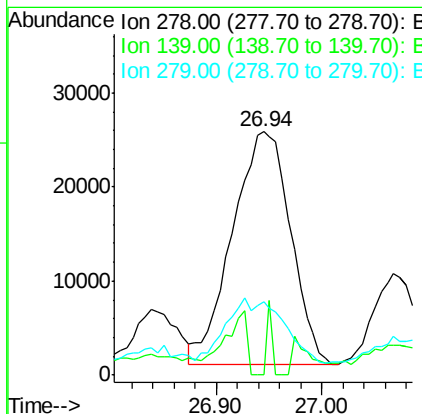
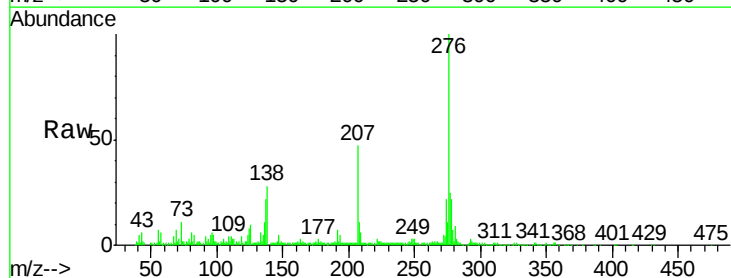
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	14.4	21.6#
277	25.2	18.0	27.0

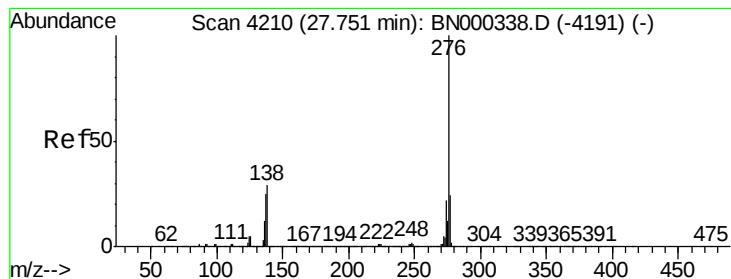


#28

Dibenzo(a,h)anthracene
Concen: 1.405 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.02 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.2	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.202 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

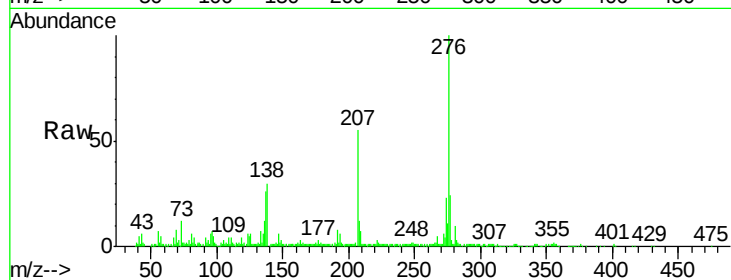
Tot Ion: 276 Resp: 355654

Ion Ratio Lower Upper

276 100

138 29.6 15.3 22.9#

277 24.3 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

