

Data Path : Z:\HPCHEM1\BNA_N\Data\BN031218\
 Data File : BN000308.D
 Acq On : 12 Mar 2018 13:45
 Operator : JU/SJ
 Sample : J1843-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM67MS

Quant Time: Mar 12 14:19:41 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	252293	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1213470	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	680920	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1459241	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1557048	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1546349	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.76	160	2520262	37.29	ng/ul	0.00
10) Fluorene-d10	16.04	176	1681898	36.75	ng/ul	0.00
14) Anthracene-d10	17.87	188	2567861	37.66	ng/ul	0.00
18) Pyrene-d10	20.13	212	2843594	37.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2698232	38.21	ng/ul	0.01

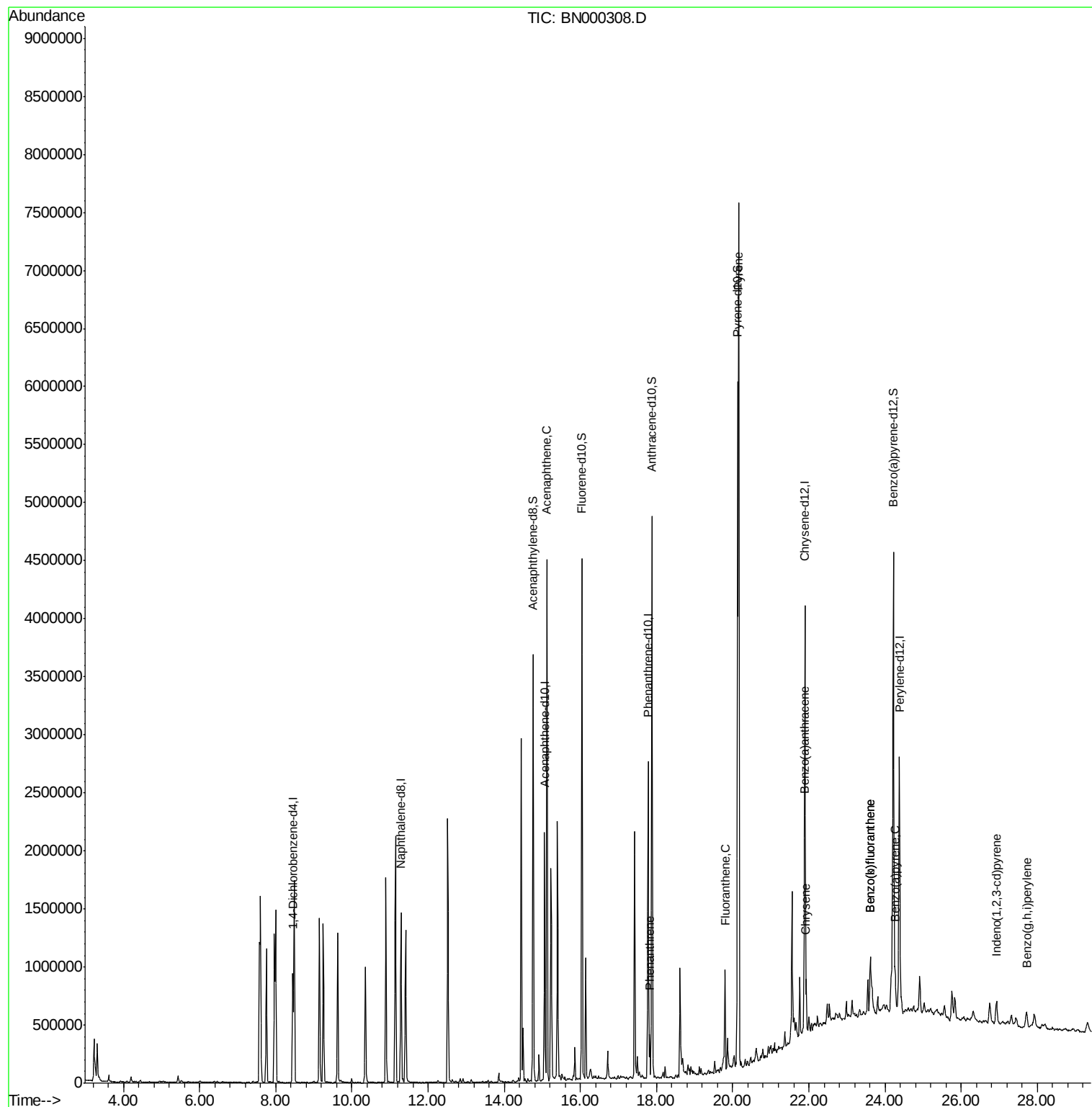
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthene	15.12	153	1807743	38.245	ng/ul	96
13) Phenanthrene	17.82	178	204689	2.446	ng/ul	99
16) Fluoranthene	19.80	202	463619	5.127	ng/ul#	93
19) Pyrene	20.16	202	4207272	42.798	ng/ul#	89
20) Benzo(a)anthracene	21.87	228	242211	2.502	ng/ul	98
21) Chrysene	21.93	228	258810	2.817	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	361517	3.921	ng/ul#	92
24) Benzo(k)fluoranthene	23.62	252	361517	4.188	ng/ul#	93
26) Benzo(a)pyrene	24.27	252	248544	2.832	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.92	276	165955	1.754	ng/ul#	82
29) Benzo(g,h,i)perylene	27.72	276	161211	2.040	ng/ul#	85

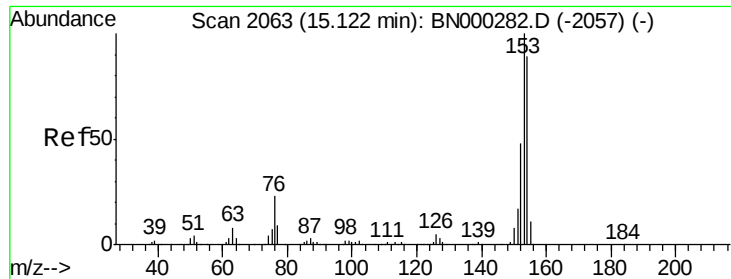
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 38.245 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Instrument :

BNA_N

ClientSampleId :

DAM67MS

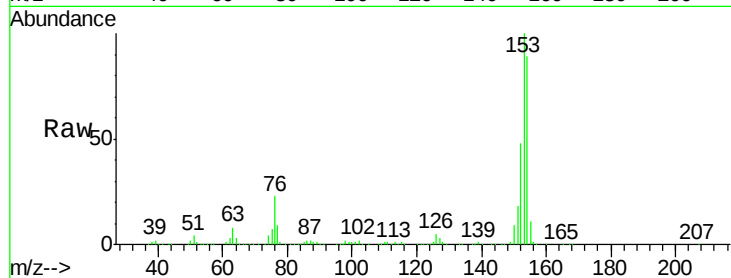
Tgt Ion:153 Resp: 1807743

Ion Ratio Lower Upper

153 100

152 48.3 39.0 58.6

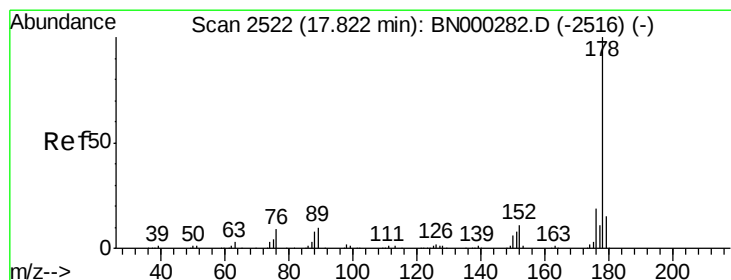
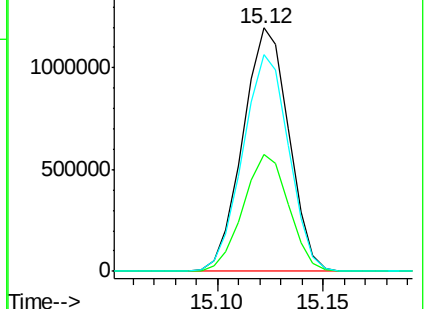
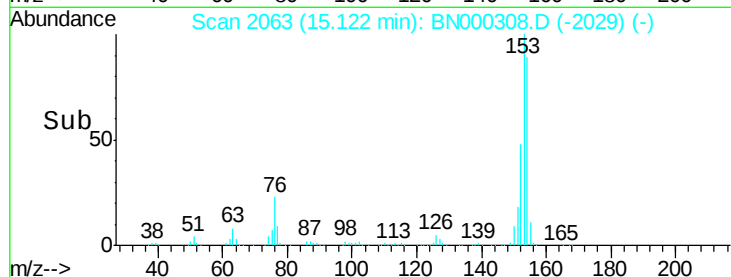
154 89.2 66.8 100.2



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: 2.446 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

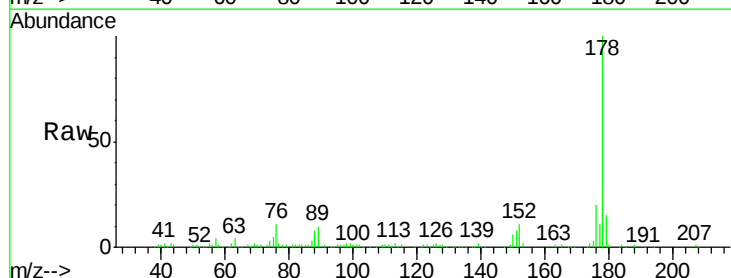
Tgt Ion:178 Resp: 204689

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

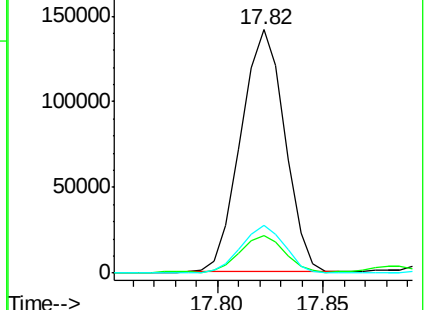
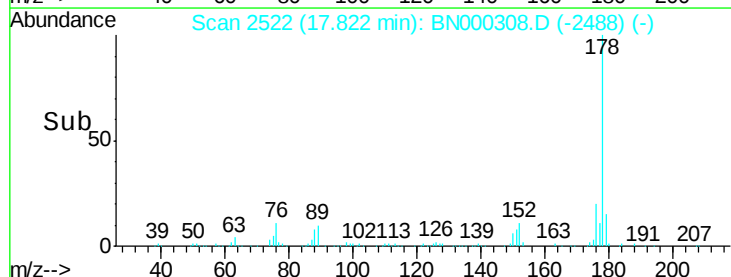
176 19.5 15.1 22.7

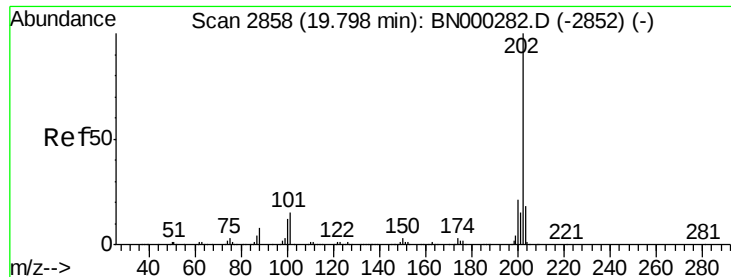


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

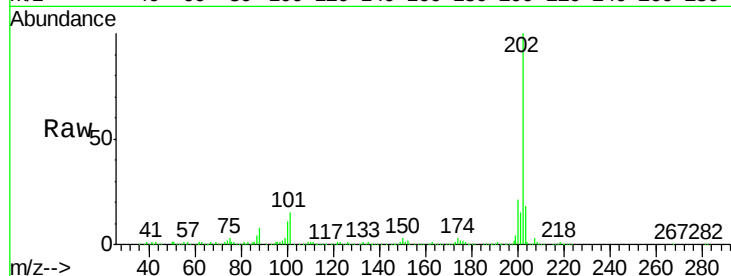




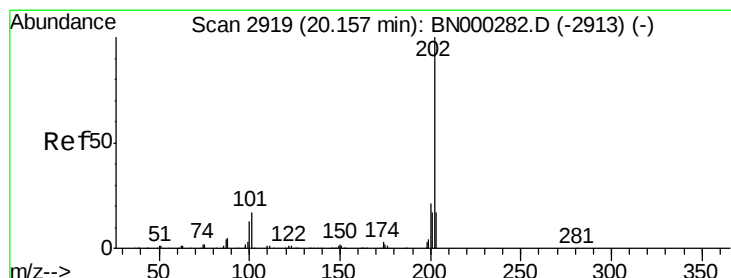
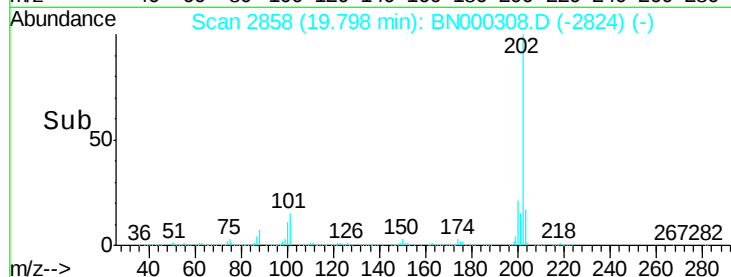
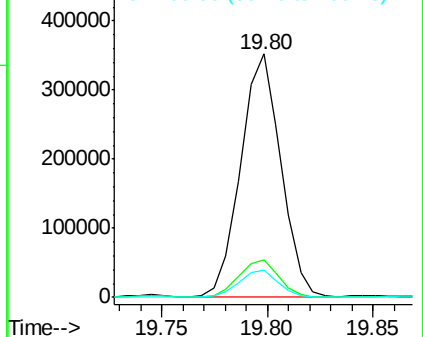
#16
Fluoranthene
 Concen: 5.127 ng/ul
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BN000308.D
 Acq: 12 Mar 2018 13:45

Instrument :
 BNA_N
 ClientSampleId :
 DAM67MS

Tgt Ion:202 Resp: 463619
 Ion Ratio Lower Upper
 202 100
 101 15.3 9.9 14.9#
 100 11.3 7.4 11.0#

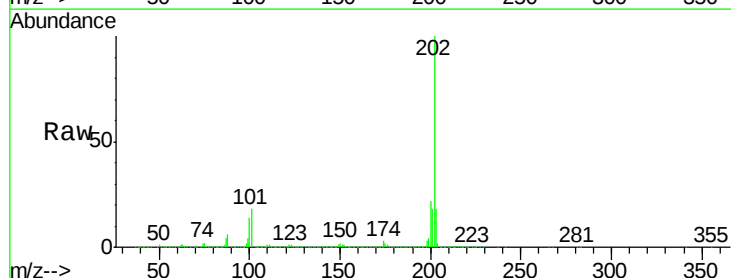


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

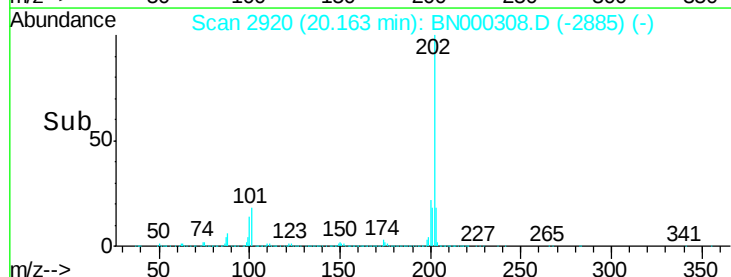
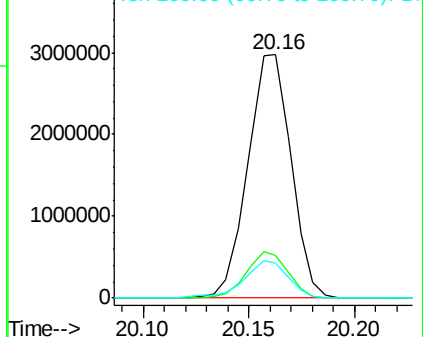


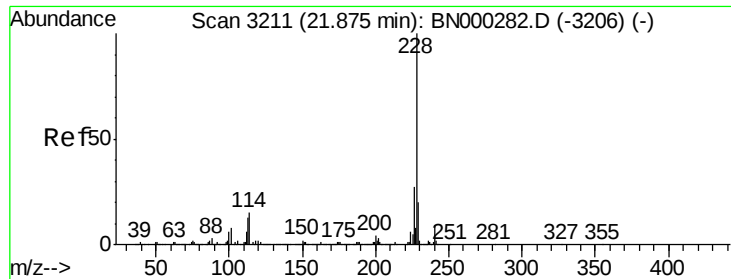
#19
Pyrene
 Concen: 42.798 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. 0.01 min
 Lab File: BN000308.D
 Acq: 12 Mar 2018 13:45

Tgt Ion:202 Resp: 4207272
 Ion Ratio Lower Upper
 202 100
 101 17.7 11.0 16.4#
 100 14.4 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

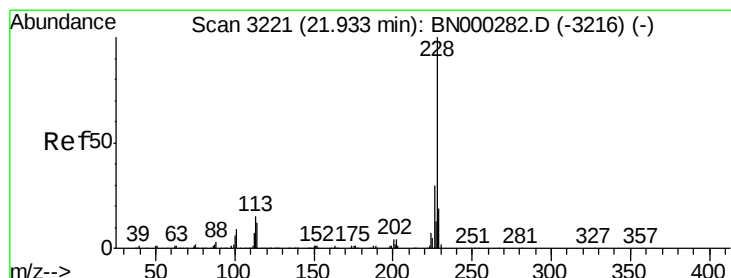
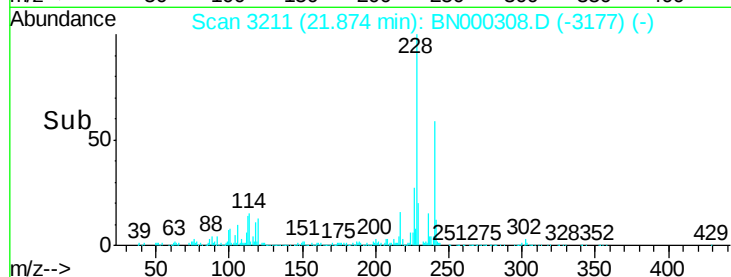
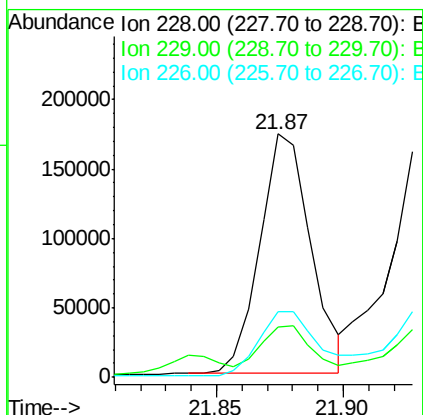
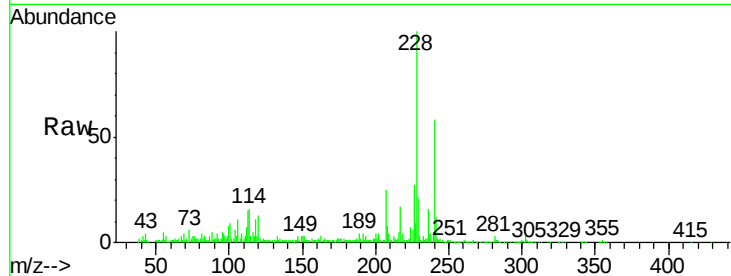




#20
Benzo(a)anthracene
Concen: 2.502 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

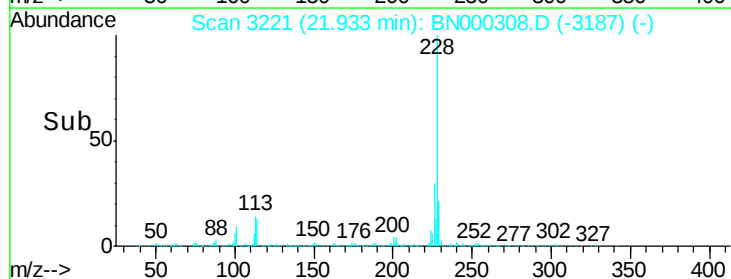
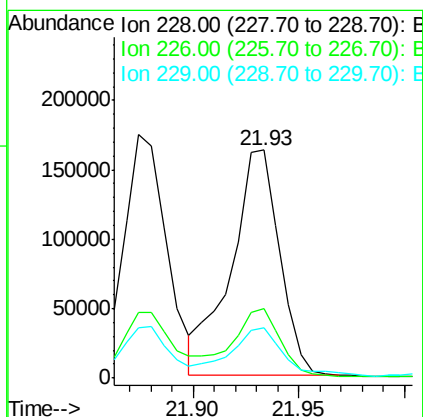
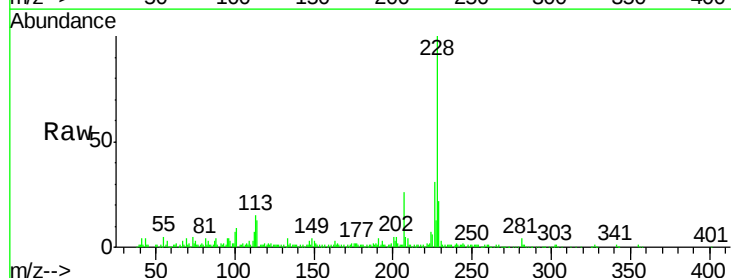
Instrument :
BNA_N
ClientSampleId :
DAM67MS

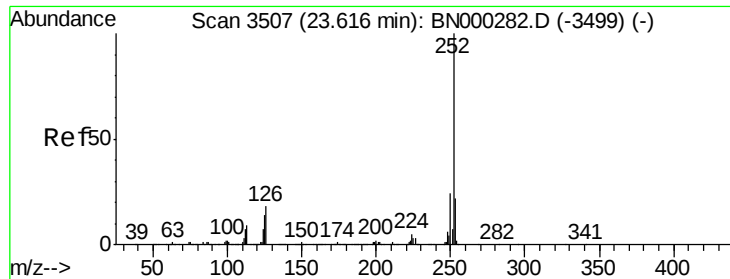
Tgt Ion:228 Resp: 242211
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.2 21.1 31.7



#21
Chrysene
Concen: 2.817 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

Tgt Ion:228 Resp: 258810
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.0 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 3.921 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

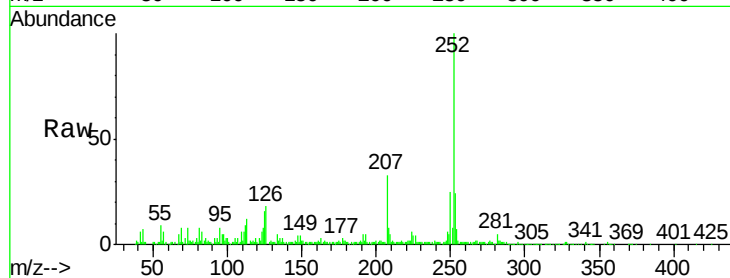
Instrument :

BNA_N

ClientSampleId :

DAM67MS

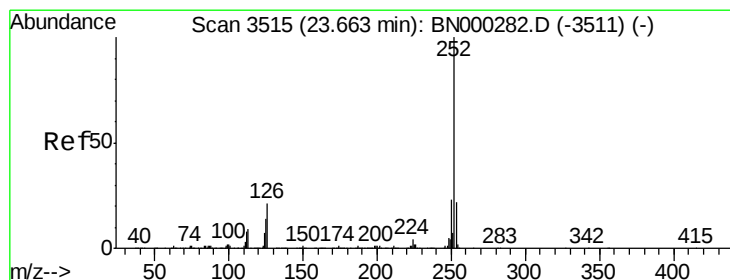
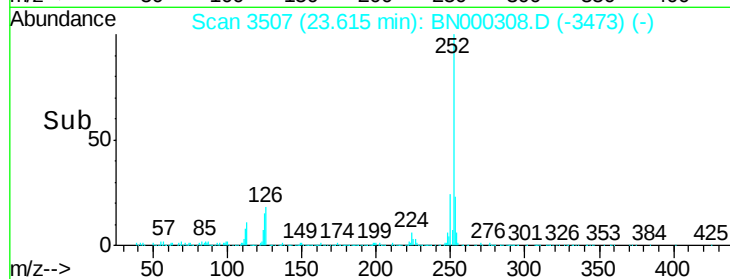
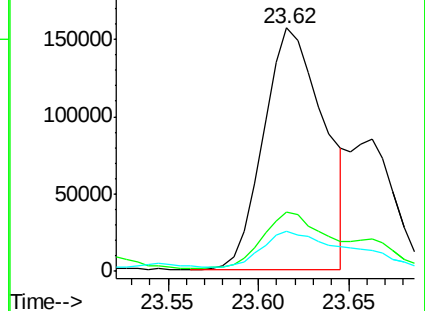
Tgt Ion:	252	Resp:	361517
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	16.2	8.0	12.0#



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: 4.188 ng/ul

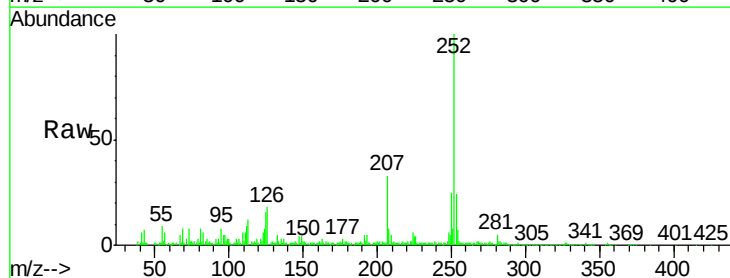
RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

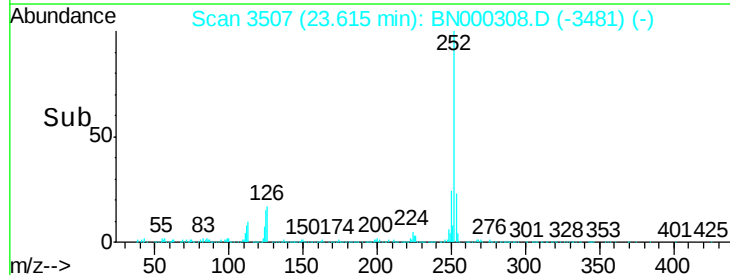
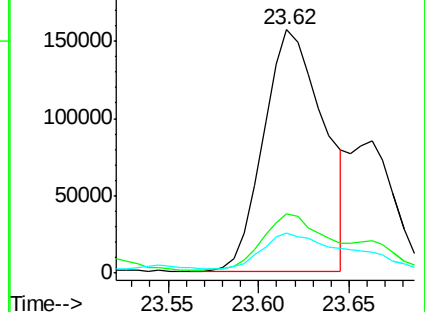
Tgt Ion:	252	Resp:	361517
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	16.2	8.1	12.1#

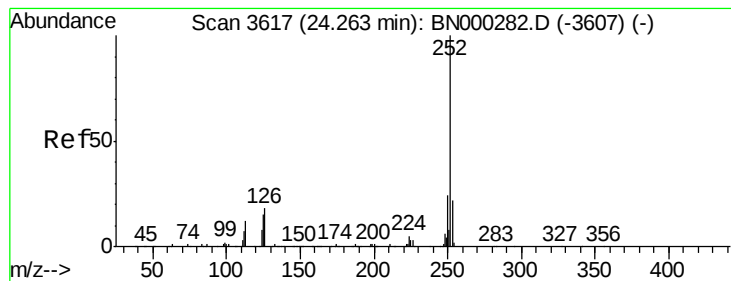


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.832 ng/ul

RT: 24.27 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Instrument :

BNA_N

ClientSampleId :

DAM67MS

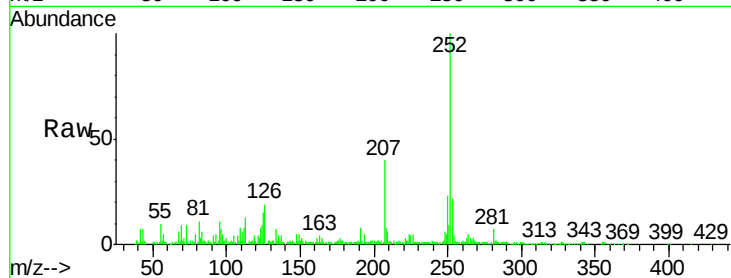
Tgt Ion: 252 Resp: 248544

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

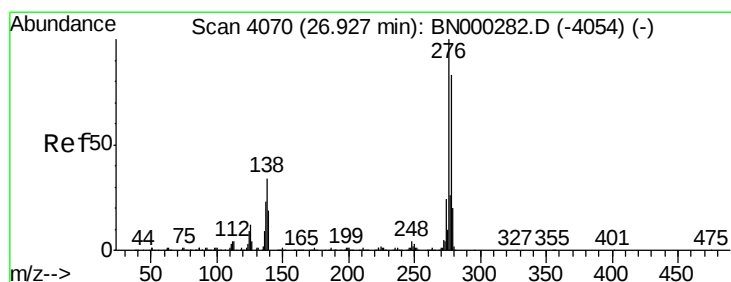
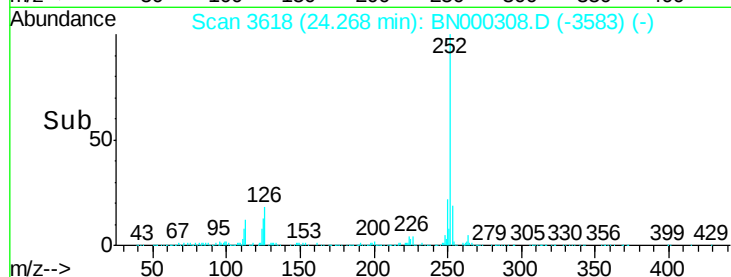
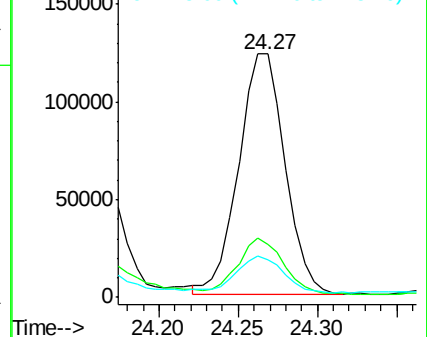
125 15.5 8.2 12.4#



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: 1.754 ng/ul

RT: 26.92 min Scan# 4069

Delta R.T. -0.01 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

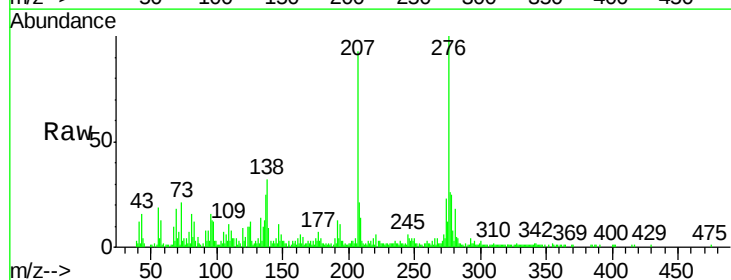
Tgt Ion: 276 Resp: 165955

Ion Ratio Lower Upper

276 100

138 32.3 14.4 21.6#

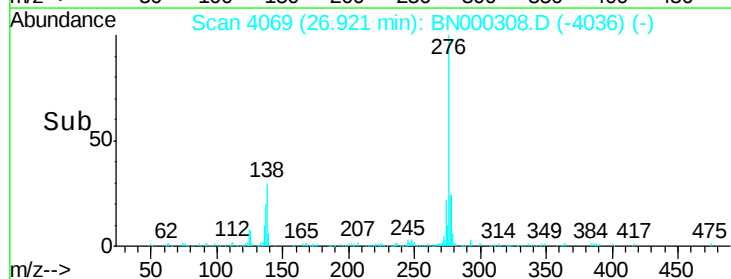
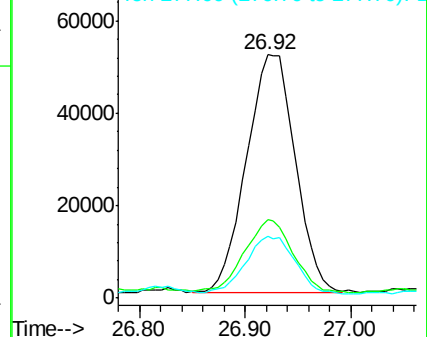
277 25.6 18.0 27.0

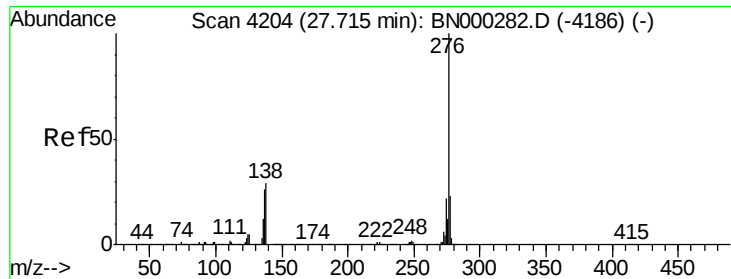


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 2.040 ng/ul

RT: 27.72 min Scan# 4204

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

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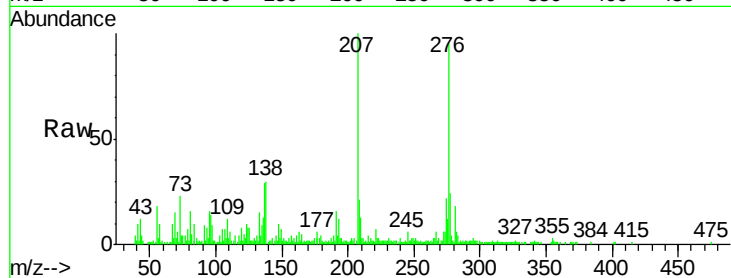
Tgt Ion: 276 Resp: 161211

Ion Ratio Lower Upper

276 100

138 31.7 15.3 22.9#

277 25.6 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

