

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025300.D
 Acq On : 05 Mar 2020 23:46
 Operator : CG/JU
 Sample : L1568-01
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:46:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	12644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9873	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.22	240	24743	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	23128	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	5513	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	20484	0.00	ng/ul	0.00

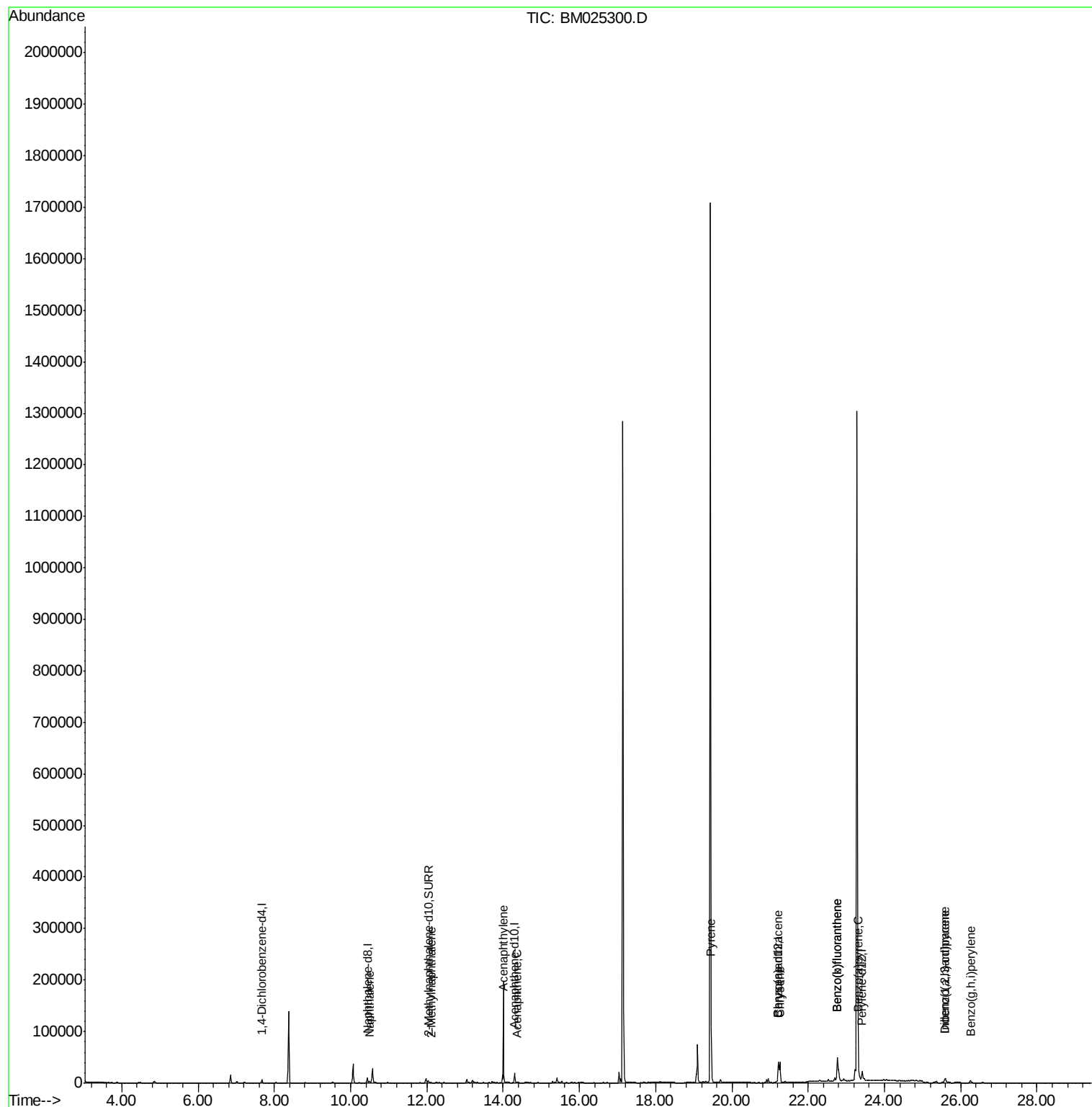
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.49	128	3305	0.087	ng/ul#	86
5) 2-Methylnaphthalene	12.11	142	556	0.020	ng/ul	98
7) Acenaphthylene	14.02	152	1552	0.034	ng/ul	98
8) Acenaphthene	14.36	153	788	0.022	ng/ul	96
17) Pyrene	19.46	202	70187	0.748	ng/ul	95
18) Benzo(a)anthracene	21.21	228	28070	0.309	ng/ul	100
19) Chrysene	21.26	228	48851	0.489	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	94088	1.017	ng/ul	92
22) Benzo(k)fluoranthene	22.76	252	94088	0.970	ng/ul#	94
23) Benzo(a)pyrene	23.32	252	18118	0.233	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	14784	0.153	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	3599	0.045	ng/ul#	75
26) Benzo(g,h,i)perylene	26.25	276	8180	0.099	ng/ul#	95

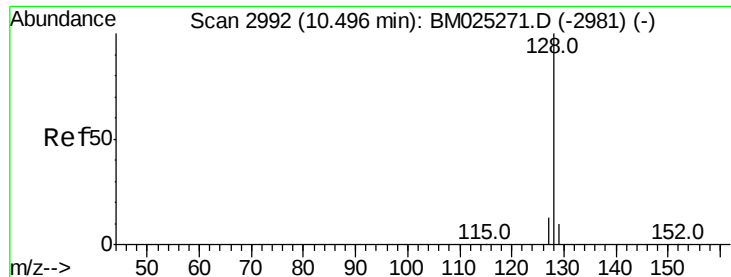
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.087 ng/ul

RT: 10.49 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

ClientSampleId :

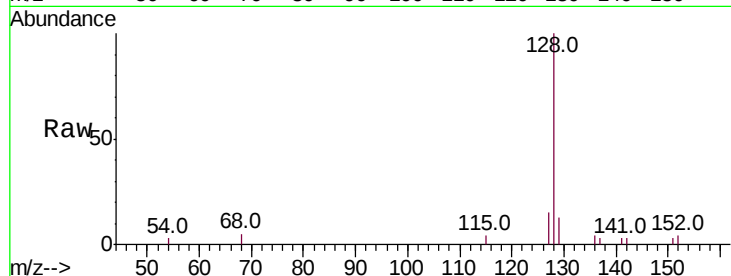
Tot Ion:128 Resp: 3305

Ion Ratio Lower Upper

128 100

129 12.9 17.0 25.6#

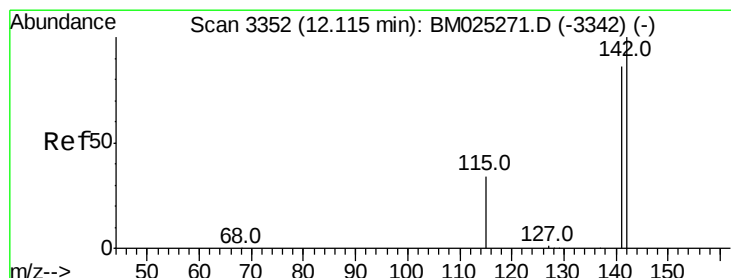
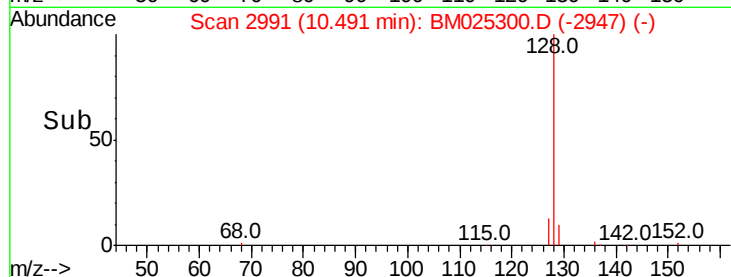
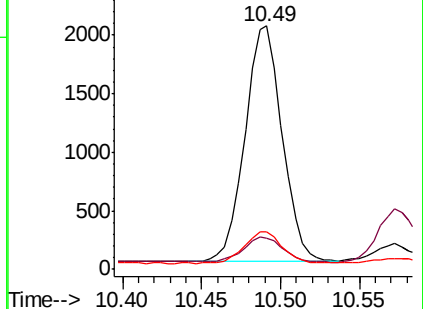
127 15.4 15.7 23.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.11 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM025300.D

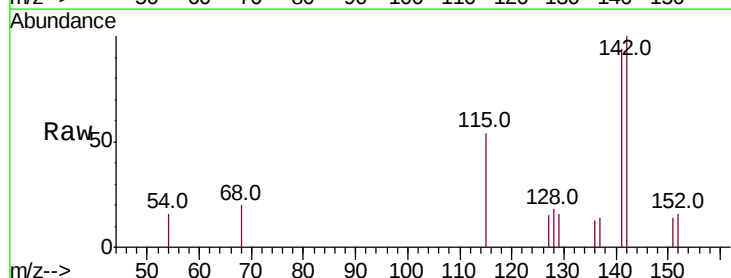
Acq: 05 Mar 2020 23:46

Tgt Ion:142 Resp: 556

Ion Ratio Lower Upper

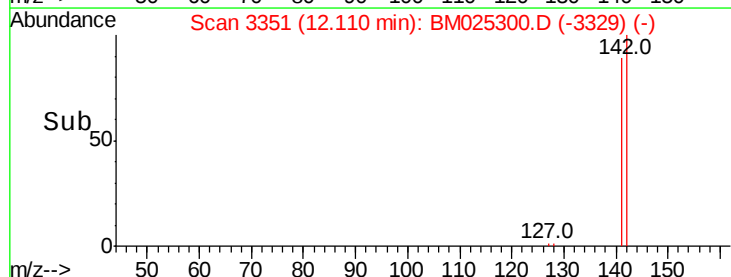
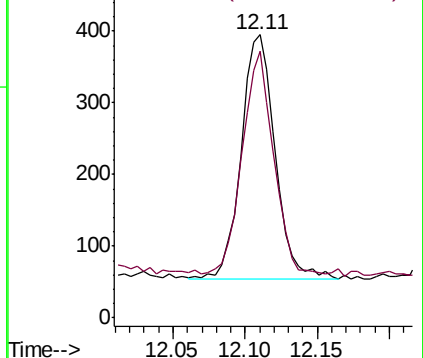
142 100

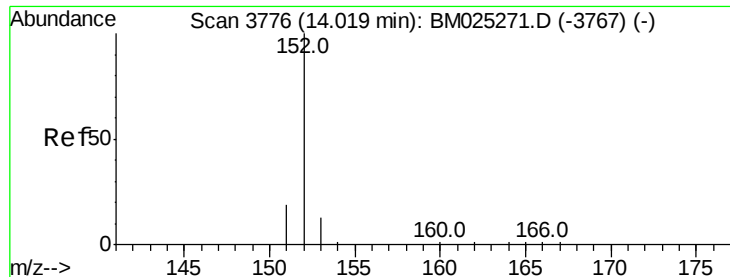
141 85.1 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025300.D

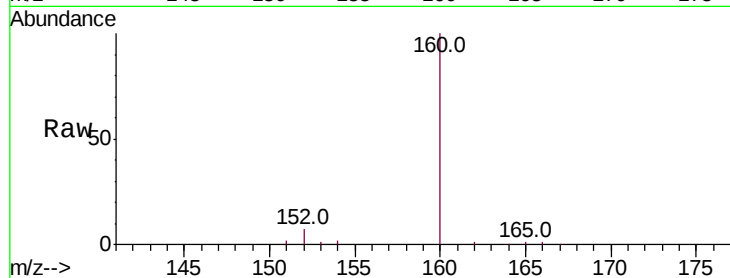
Acq: 05 Mar 2020 23:46

Instrument :

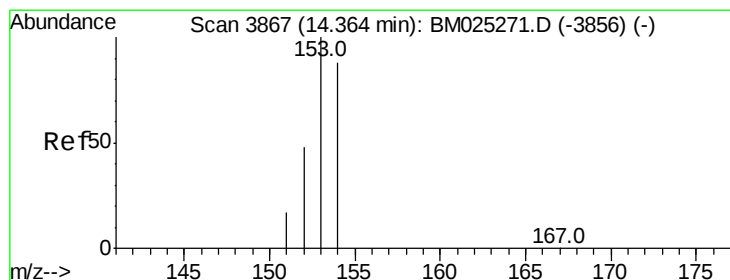
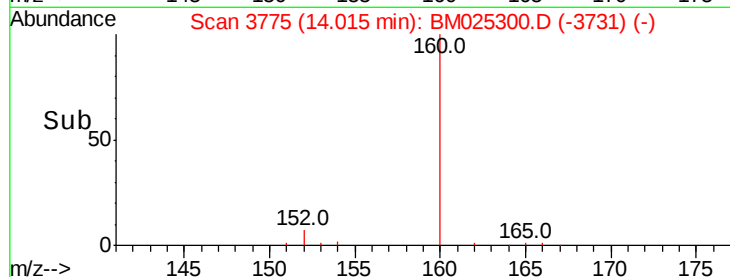
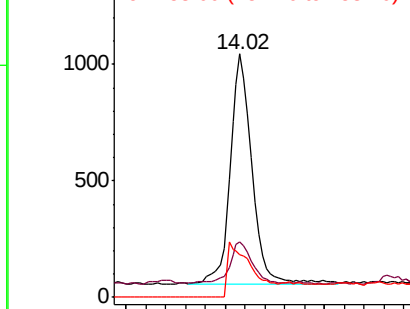
BNA_M

ClientSampled :

Tot Ion:	152	Resp:	1552
Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.8	26.8
153	17.3	13.3	19.9



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



#8

Acenaphthene

Concen: 0.022 ng/ul

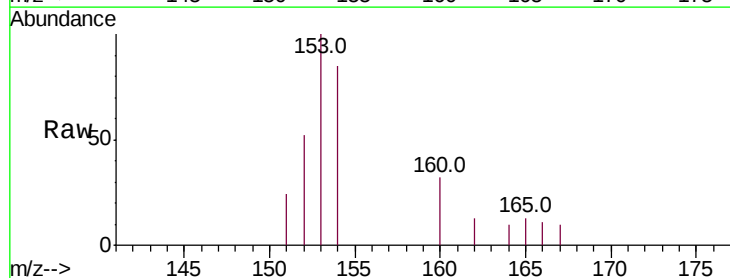
RT: 14.36 min Scan# 3867

Delta R.T. -0.00 min

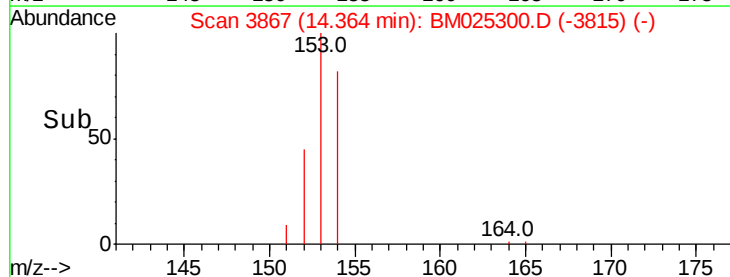
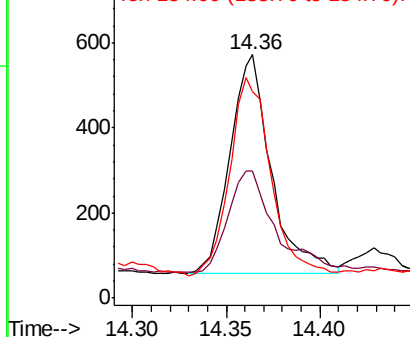
Lab File: BM025300.D

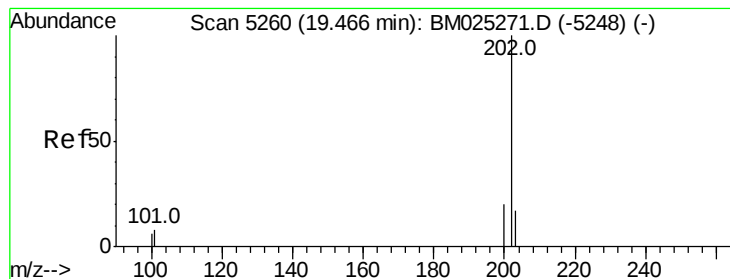
Acq: 05 Mar 2020 23:46

Tgt Ion:	153	Resp:	788
Ion	Ratio	Lower	Upper
153	100		
152	52.4	40.0	60.0
154	84.8	71.0	106.6



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





#17

Pvrene

Concen: 0.748 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

ClientSampleId :

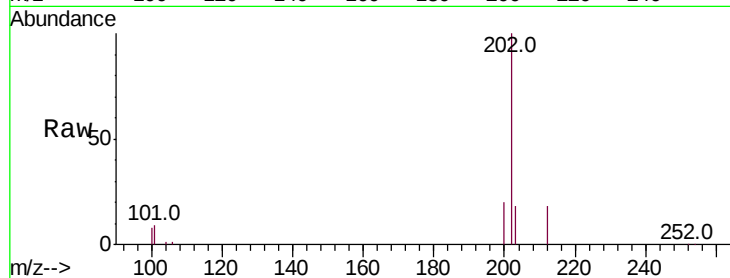
Tot Ion:202 Resp: 70187

Ion Ratio Lower Upper

202 100

101 9.0 8.7 13.1

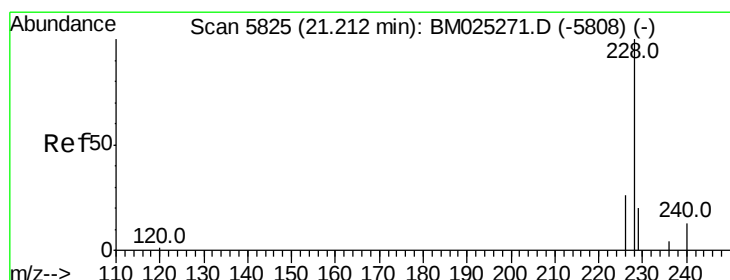
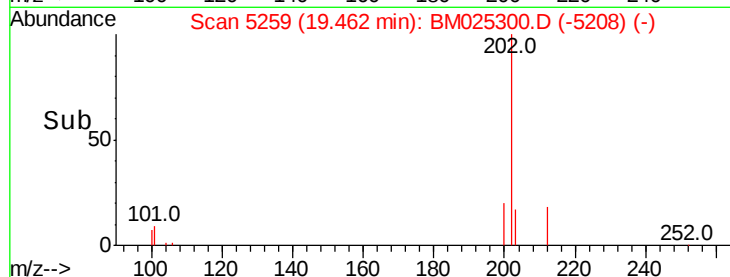
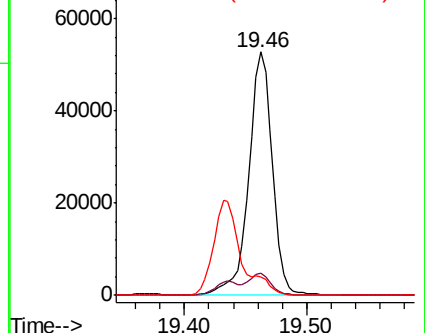
100 7.6 7.3 10.9



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



#18

Benzo(a)anthracene

Concen: 0.309 ng/ul

RT: 21.21 min Scan# 5824

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

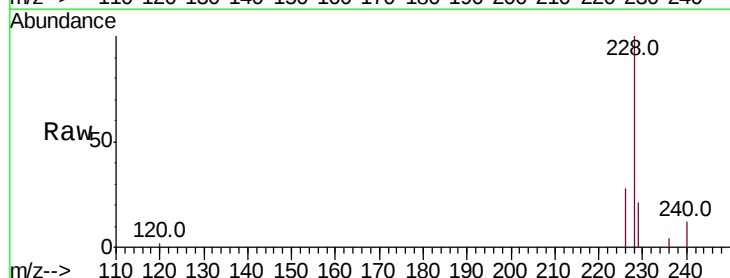
Tgt Ion:228 Resp: 28070

Ion Ratio Lower Upper

228 100

229 21.0 16.6 25.0

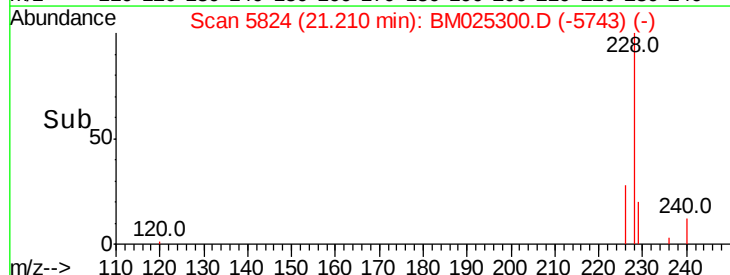
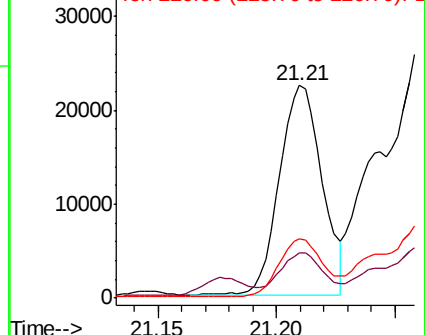
226 27.7 21.9 32.9

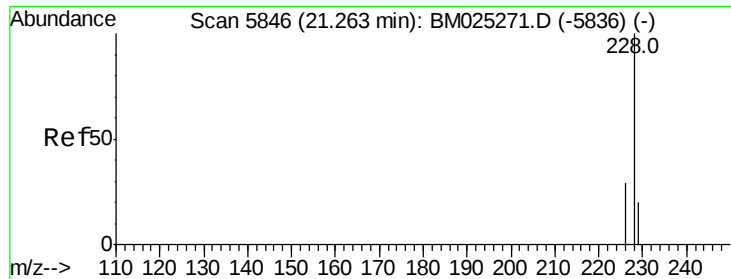


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.489 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

ClientSampleId :

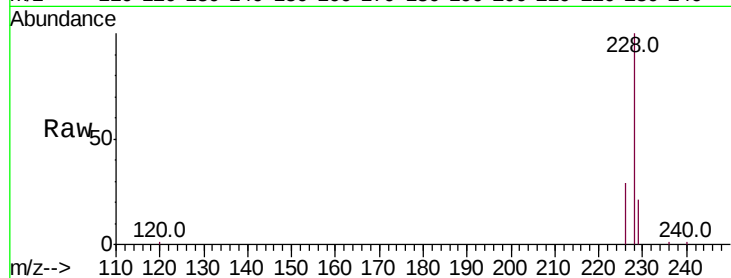
Tot Ion:228 Resp: 48851

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

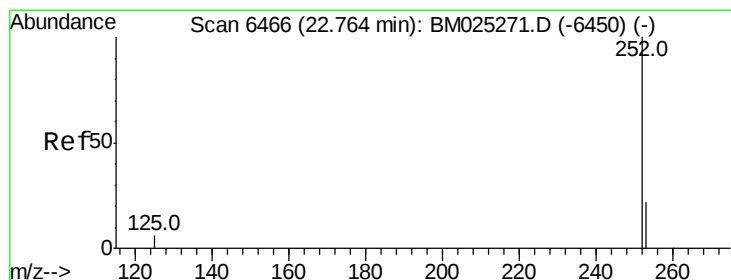
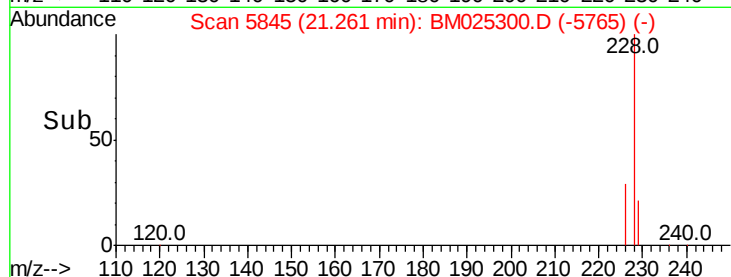
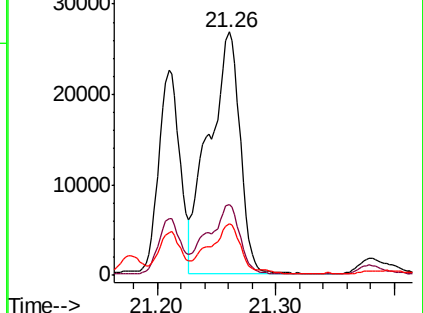
229 21.3 16.9 25.3



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



#21

Benzo(b)fluoranthene

Concen: 1.017 ng/ul

RT: 22.76 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

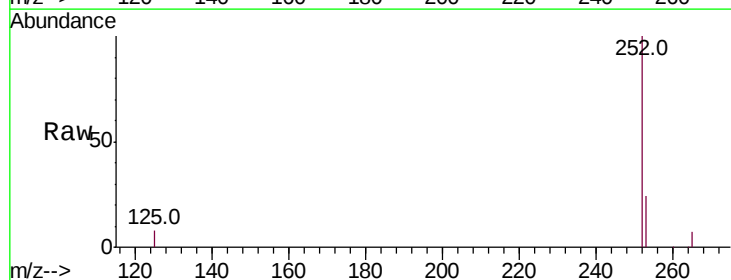
Tgt Ion:252 Resp: 94088

Ion Ratio Lower Upper

252 100

253 23.5 0.0 49.8

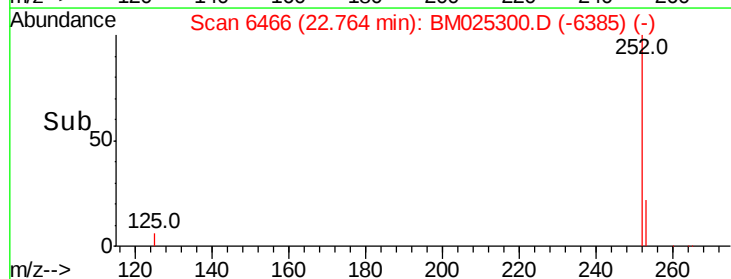
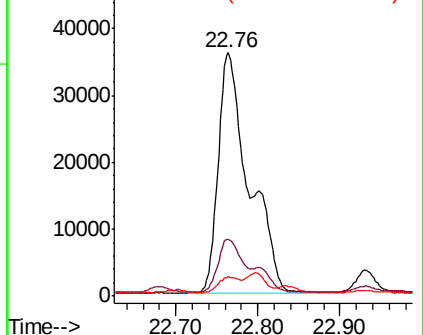
125 7.8 0.0 28.6

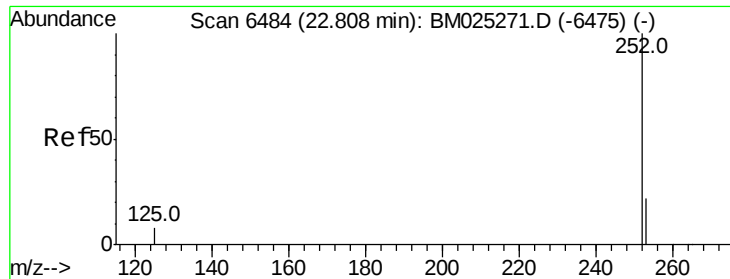


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.970 ng/ul

RT: 22.76 min Scan# 6466

Delta R.T. -0.05 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

ClientSampleId :

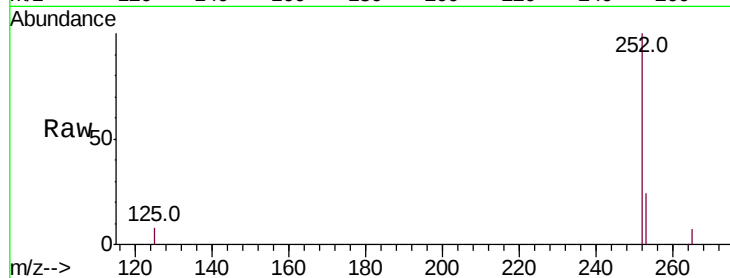
Tot Ion:252 Resp: 94088

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.0

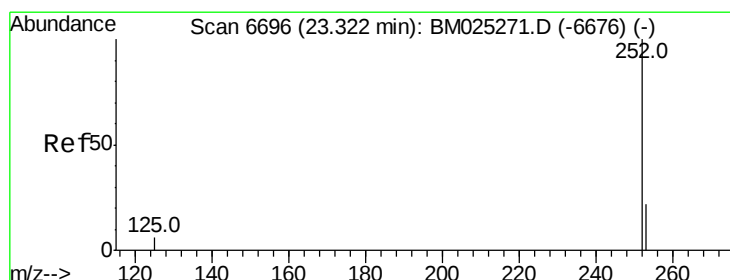
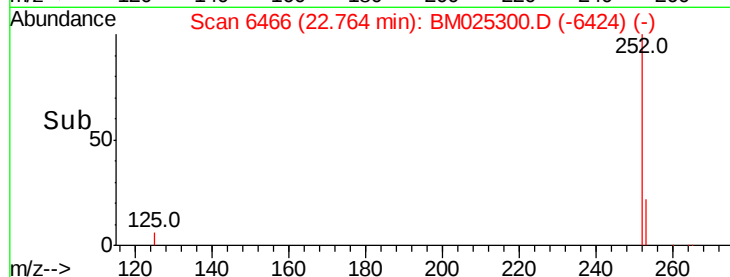
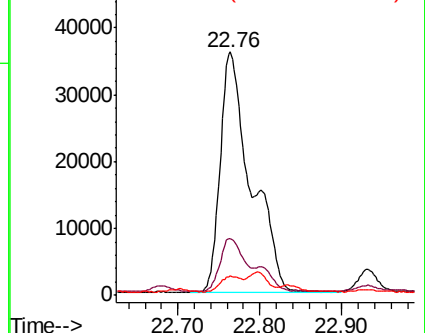
125 7.8 10.7 16.1#



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



#23

Benzo(a)pyrene

Concen: 0.233 ng/ul

RT: 23.32 min Scan# 6696

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

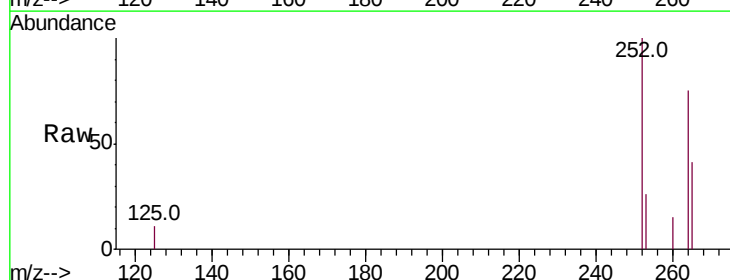
Tgt Ion:252 Resp: 18118

Ion Ratio Lower Upper

252 100

253 26.3 20.3 30.5

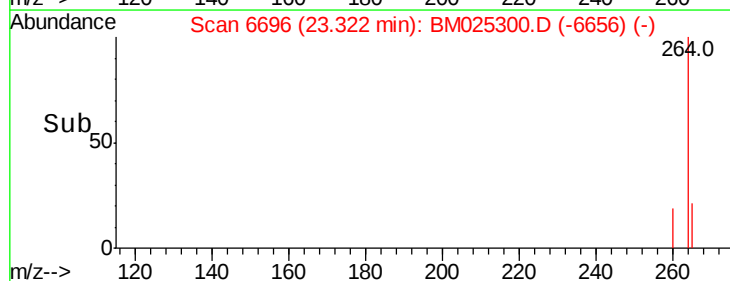
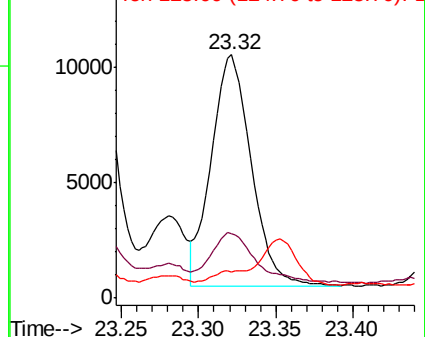
125 10.9 13.0 19.4#

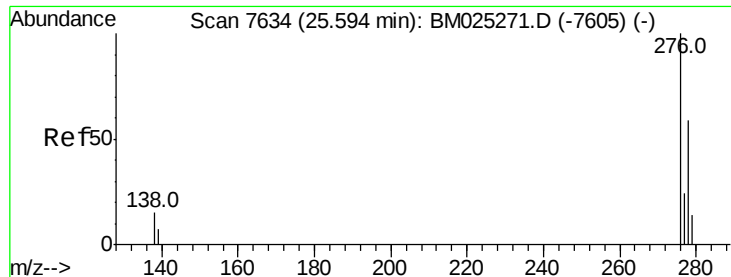


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

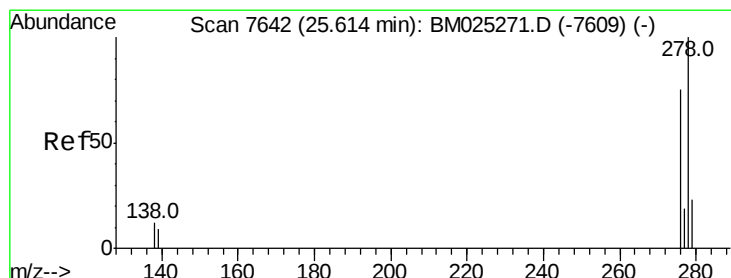
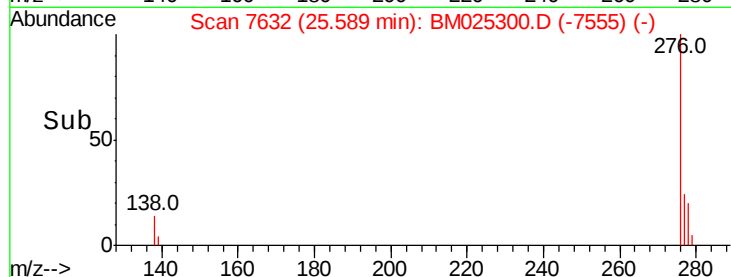
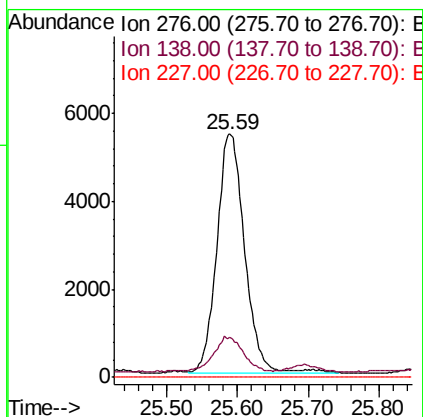
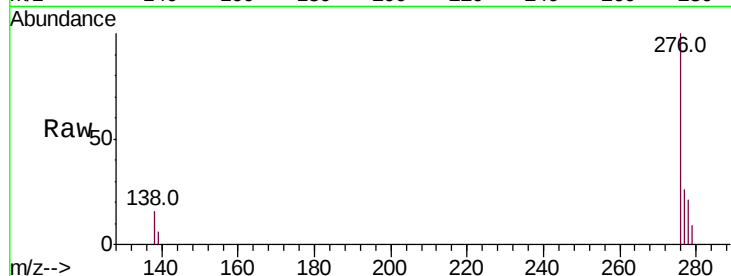




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng/ul
 RT: 25.59 min Scan# 7632
 Delta R.T. -0.01 min
 Lab File: BM025300.D
 Acq: 05 Mar 2020 23:46

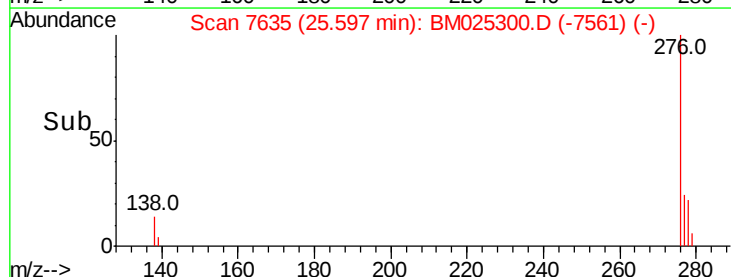
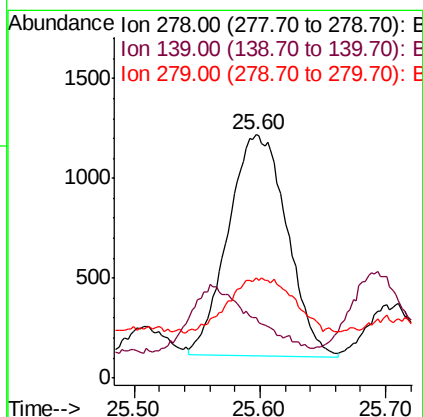
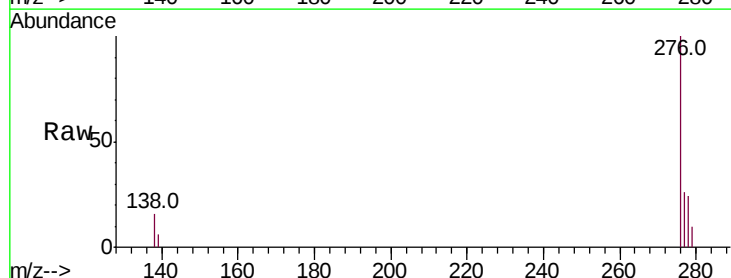
Instrument :
 BNA_M
 ClientSampleId :

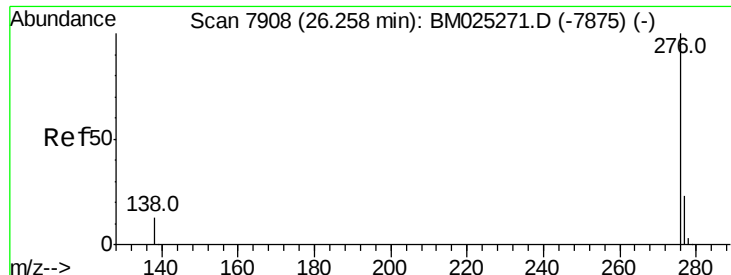
Tot Ion:276 Resp: 14784
 Ion Ratio Lower Upper
 276 100
 138 15.3 0.0 0.0#
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 25.60 min Scan# 7635
 Delta R.T. -0.02 min
 Lab File: BM025300.D
 Acq: 05 Mar 2020 23:46

Tgt Ion:278 Resp: 3599
 Ion Ratio Lower Upper
 278 100
 139 24.9 13.2 19.8#
 279 41.0 21.0 31.4#





#26

Benzo(a,h,i)perylene

Concen: 0.099 ng/ul

RT: 26.25 min Scan# 7906

Delta R.T. -0.01 min

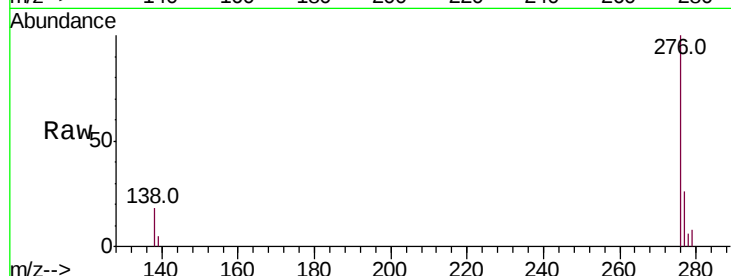
Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

ClientSampleId :



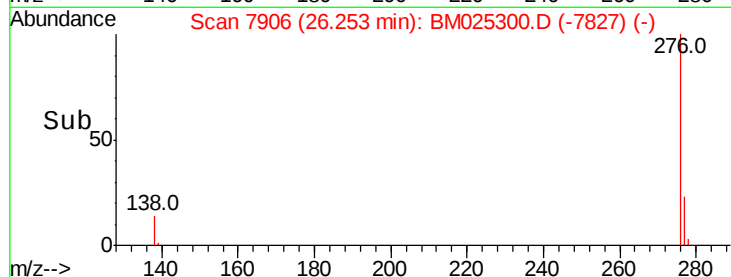
Tot Ion: 276 Resp: 8180

Ion Ratio Lower Upper

276 100

138 17.6 17.9 26.9#

277 25.9 20.5 30.7



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

