

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025301.D
 Acq On : 06 Mar 2020 00:22
 Operator : CG/JU
 Sample : L1568-13
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:46:19 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	3722	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12121	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.23	240	26749	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	23948	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7786	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	25125	0.00	ng/ul	0.00

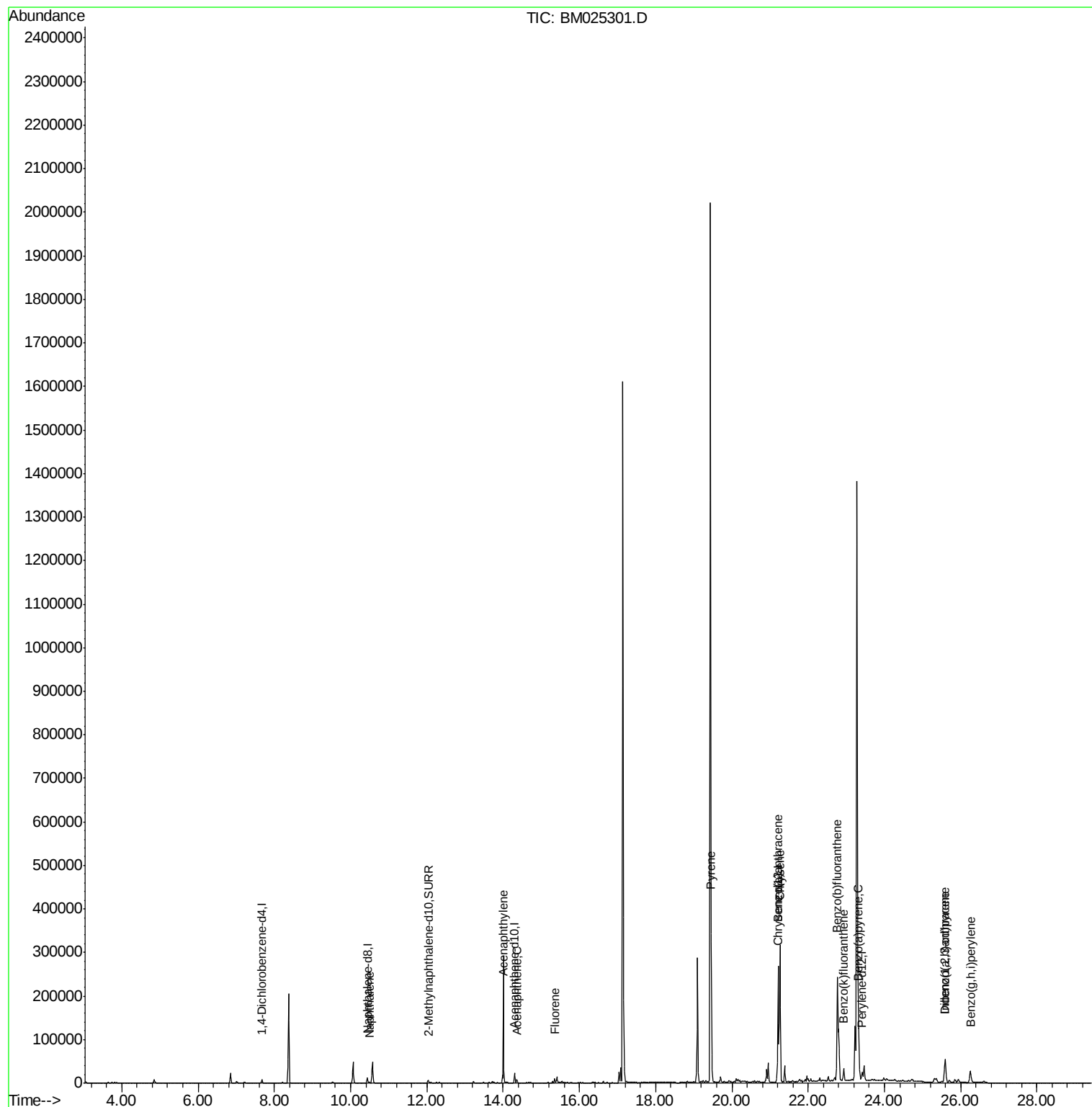
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1354	0.028	ng/ul	97
7) Acenaphthylene	14.02	152	10024	0.177	ng/ul	95
8) Acenaphthene	14.36	153	4567	0.104	ng/ul	99
9) Fluorene	15.35	166	5840	0.106	ng/ul	96
17) Pyrene	19.46	202	250235	2.467	ng/ul	95
18) Benzo(a)anthracene	21.21	228	222972	2.268	ng/ul	99
19) Chrysene	21.26	228	334680	3.098	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	504259	5.263	ng/ul	91
22) Benzo(k)fluoranthene	22.93	252	33302	0.331	ng/ul	95
23) Benzo(a)pyrene	23.32	252	153653	1.910	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.59	276	86633	0.864	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	22458	0.270	ng/ul	97
26) Benzo(g,h,i)perylene	26.25	276	55633	0.653	ng/ul#	92

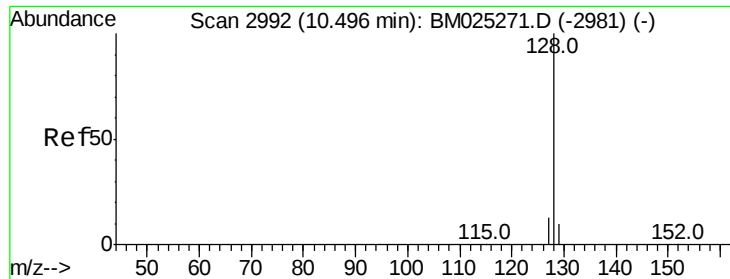
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

ClientSampleId :

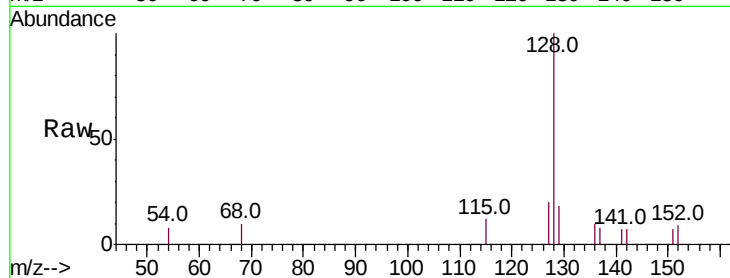
Tot Ion:128 Resp: 1354

Ion Ratio Lower Upper

128 100

129 18.2 17.0 25.6

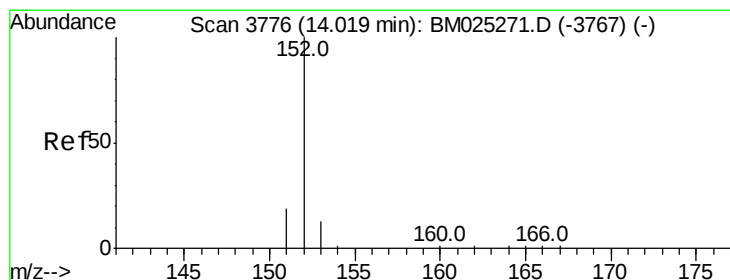
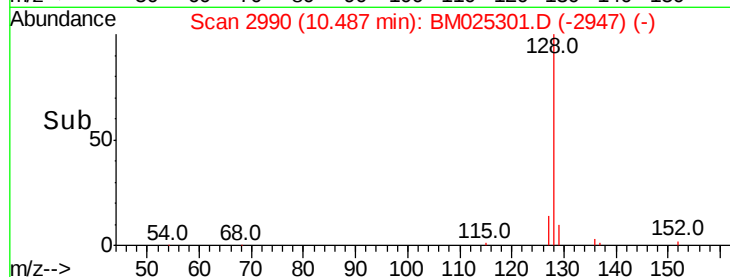
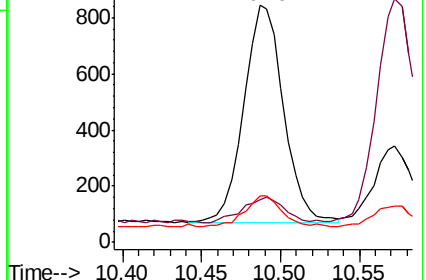
127 19.5 15.7 23.5



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



#7

Acenaphthylene

Concen: 0.177 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

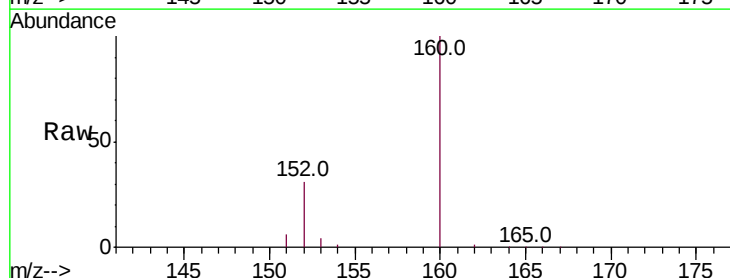
Tgt Ion:152 Resp: 10024

Ion Ratio Lower Upper

152 100

151 20.0 17.8 26.8

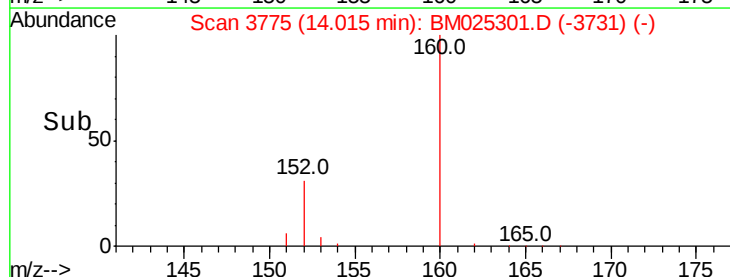
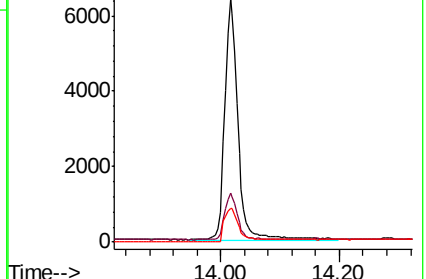
153 14.0 13.3 19.9

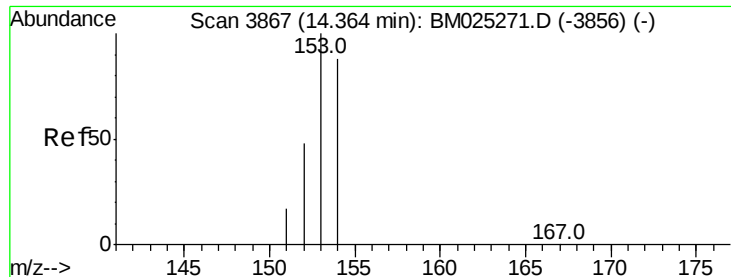


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.104 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

ClientSampleId :

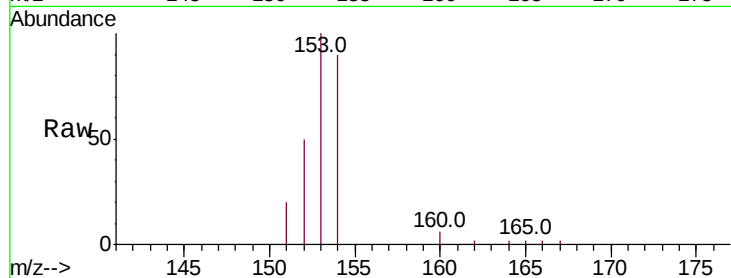
Tot Ion:153 Resp: 4567

Ion Ratio Lower Upper

153 100

152 49.9 40.0 60.0

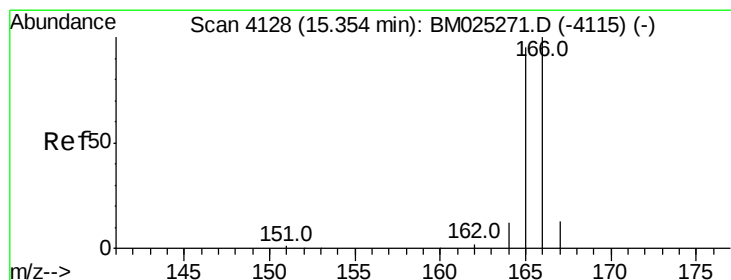
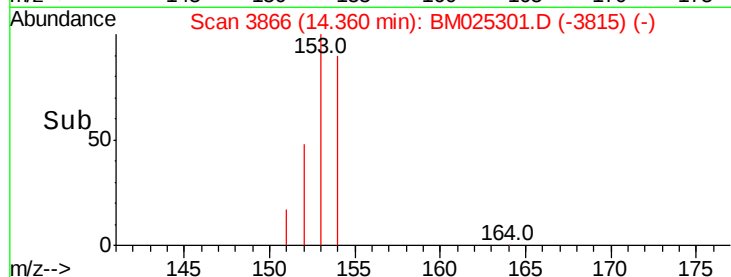
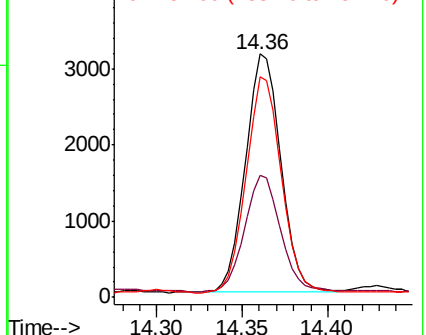
154 90.5 71.0 106.6



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



#9

Fluorene

Concen: 0.106 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

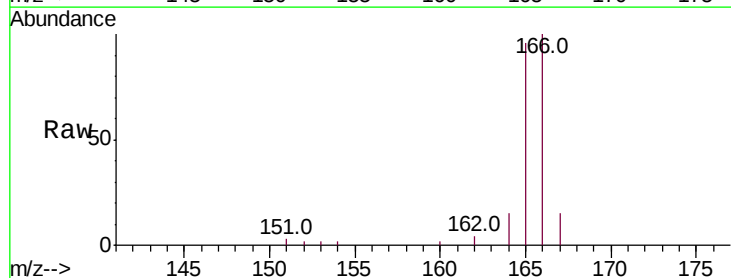
Tgt Ion:166 Resp: 5840

Ion Ratio Lower Upper

166 100

165 95.7 80.0 120.0

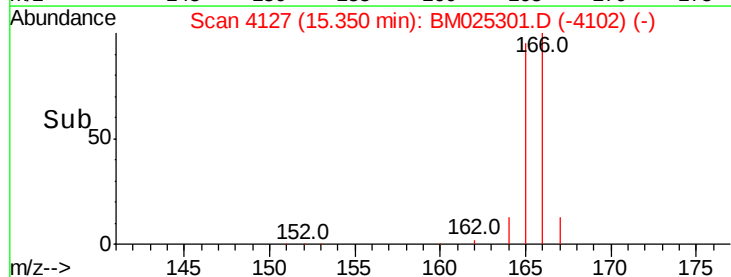
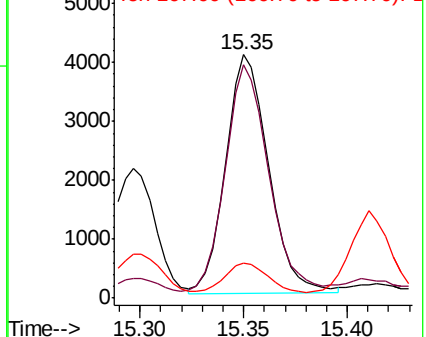
167 14.6 13.7 20.5

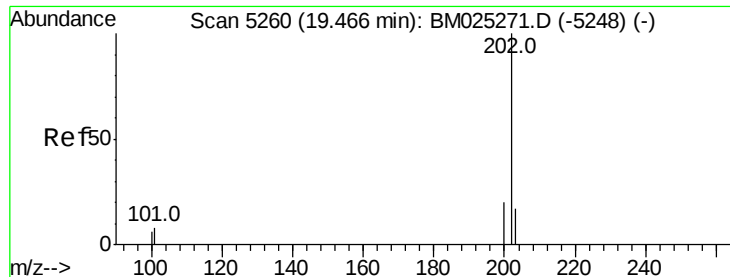


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

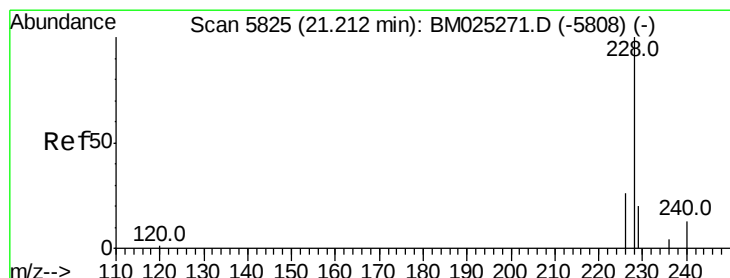
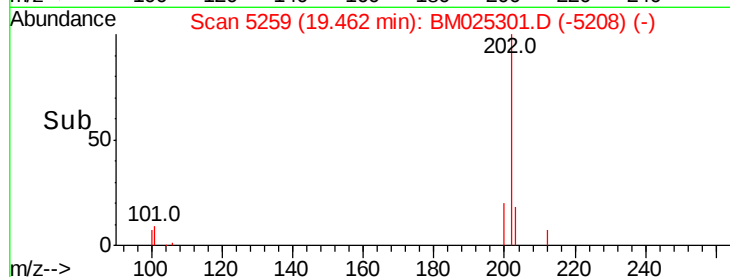
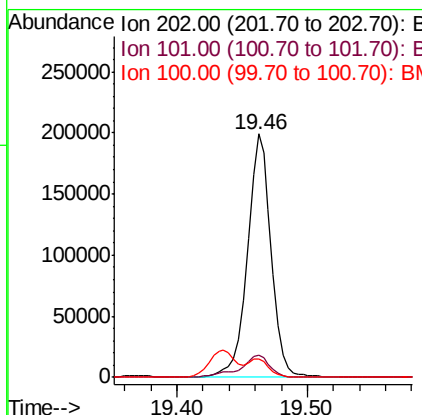
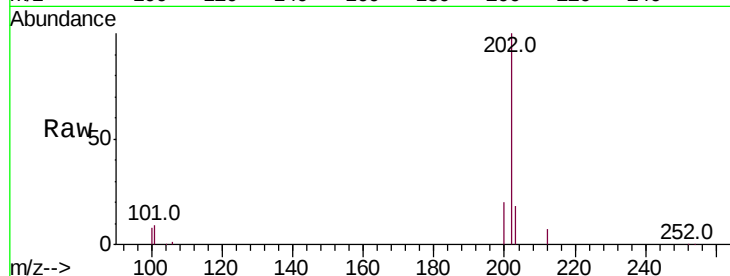




#17
Pvrene
Concen: 2.467 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

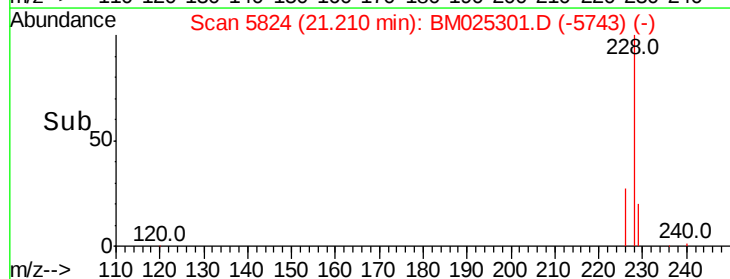
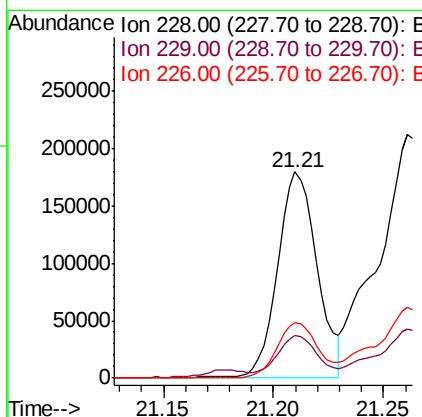
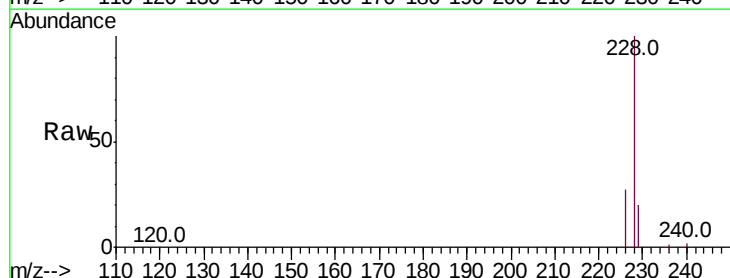
Instrument :
BNA_M
ClientSampleId :

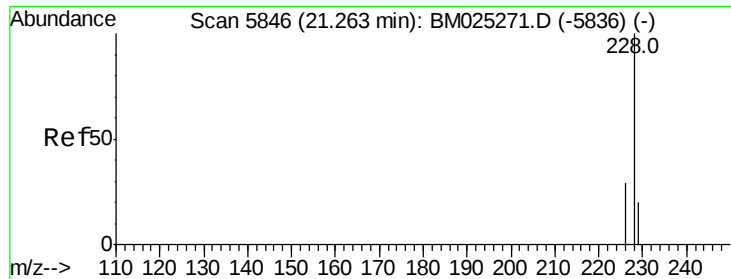
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.7	13.1
100	7.5	7.3	10.9



#18
Benzo(a)anthracene
Concen: 2.268 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.6	25.0
226	27.0	21.9	32.9





#19

Chrysene

Concen: 3.098 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

ClientSampled :

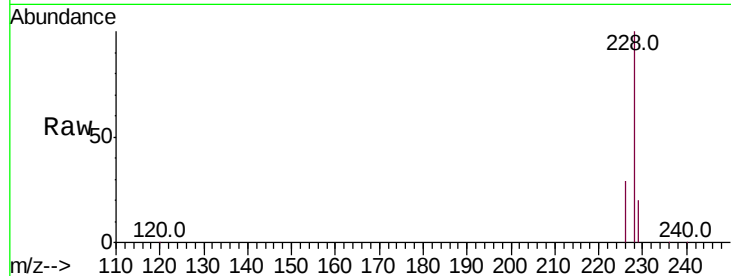
Tot Ion:228 Resp: 334680

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

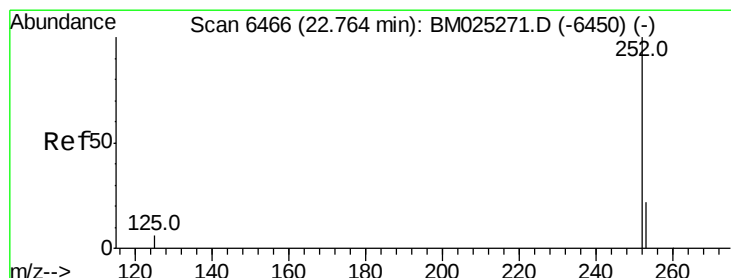
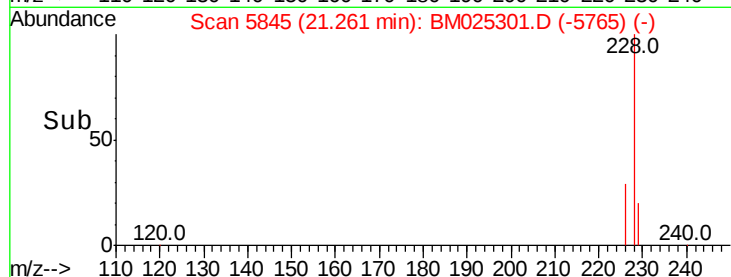
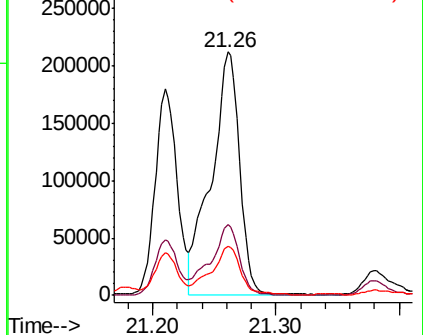
229 20.2 16.9 25.3



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: 5.263 ng/ul

RT: 22.76 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

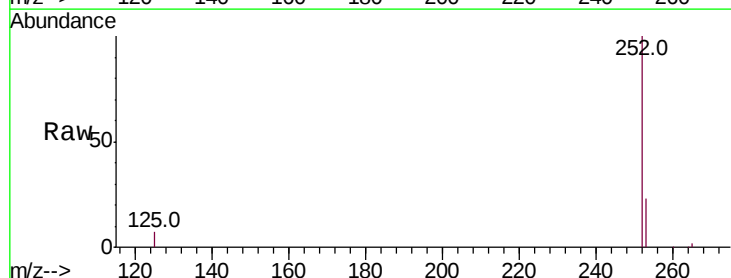
Tgt Ion:252 Resp: 504259

Ion Ratio Lower Upper

252 100

253 22.5 0.0 49.8

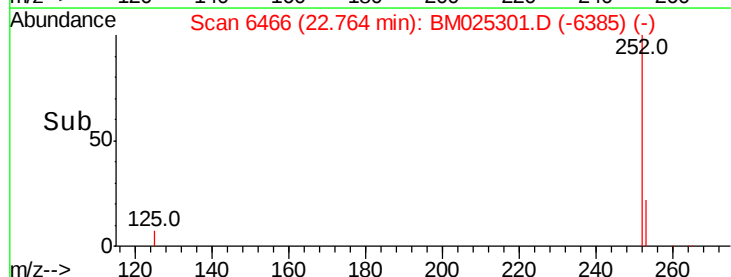
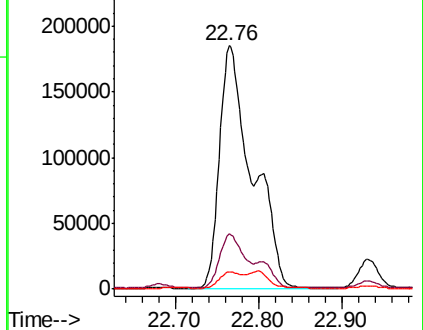
125 7.0 0.0 28.6

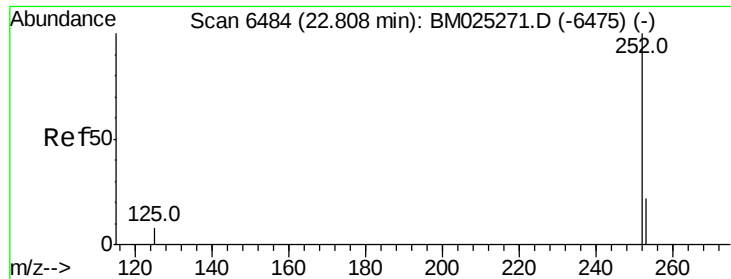


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.331 ng/ul

RT: 22.93 min Scan# 6535

Delta R.T. 0.12 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

ClientSampleId :

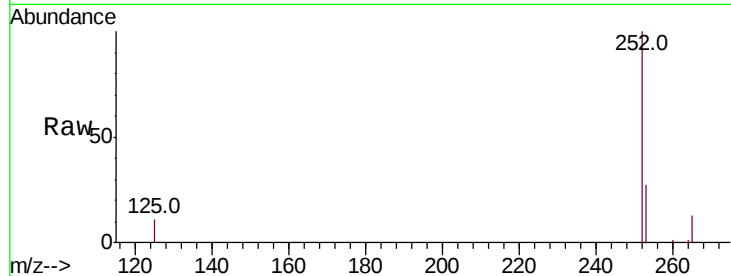
Tot Ion:252 Resp: 33302

Ion Ratio Lower Upper

252 100

253 26.8 19.4 29.0

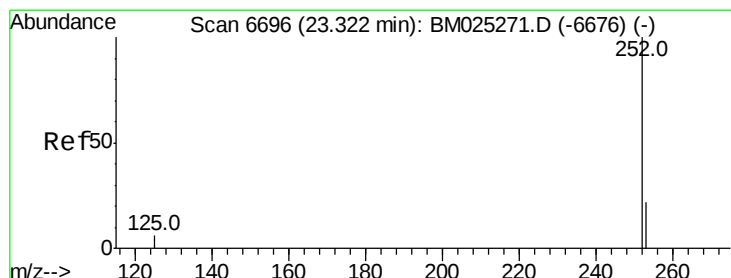
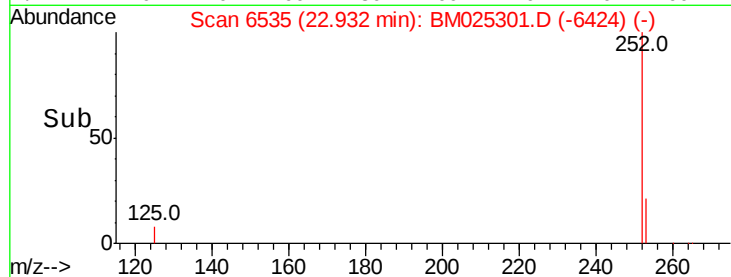
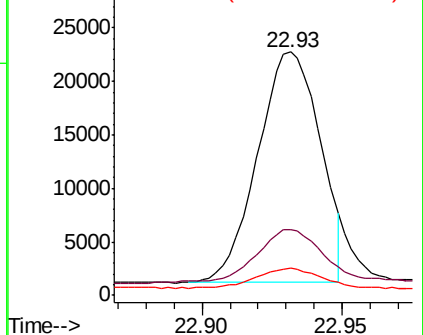
125 11.1 10.7 16.1



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: 1.910 ng/ul

RT: 23.32 min Scan# 6696

Delta R.T. -0.00 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

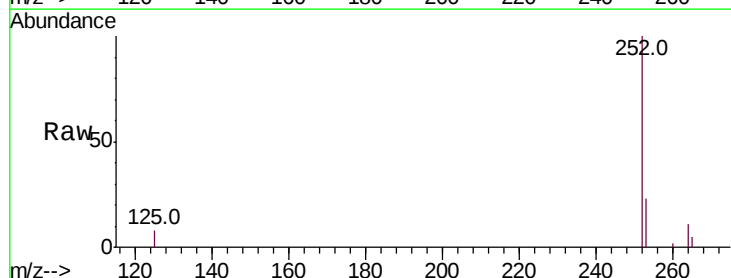
Tgt Ion:252 Resp: 153653

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

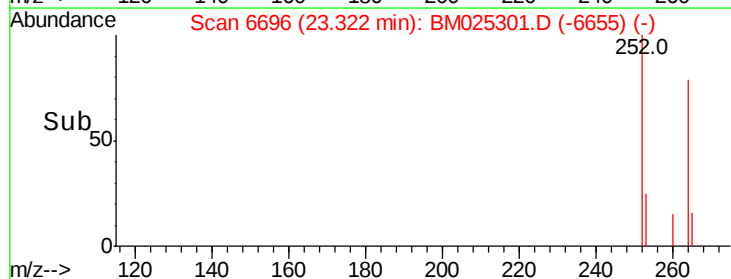
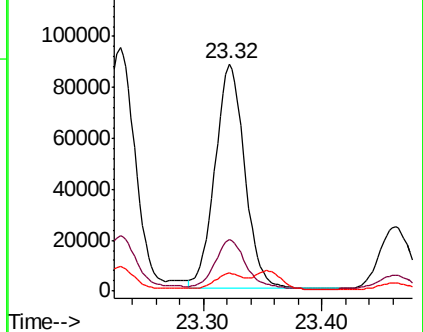
125 7.8 13.0 19.4#

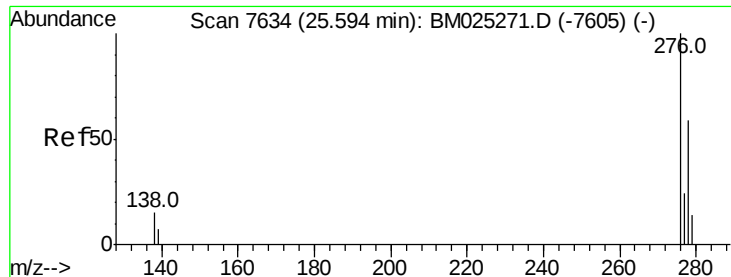


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



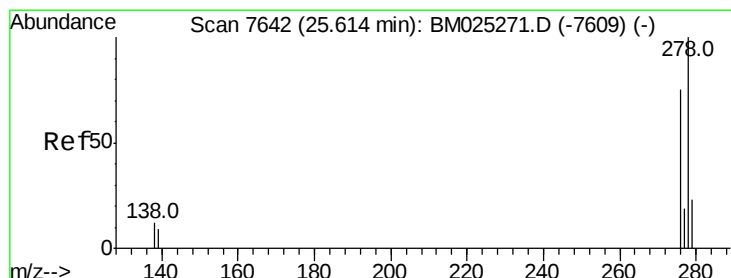
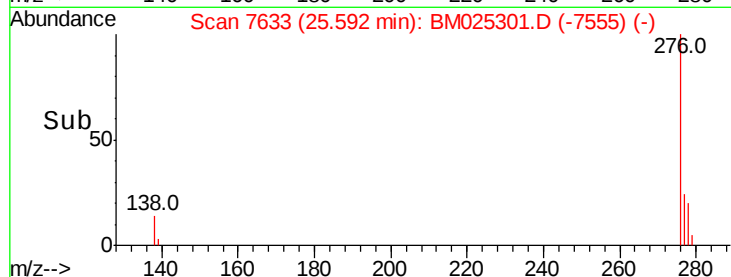
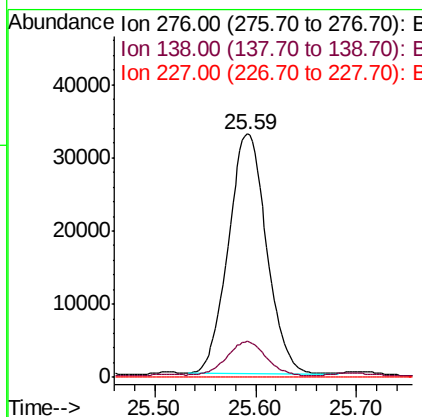
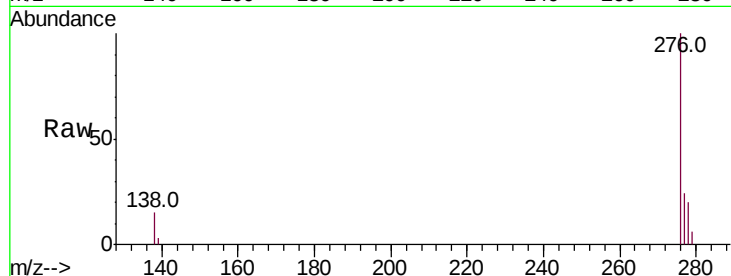


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.864 ng/u1
RT: 25.59 min Scan# 7633
Delta R.T. -0.01 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Instrument :
BNA_M
ClientSampleId :

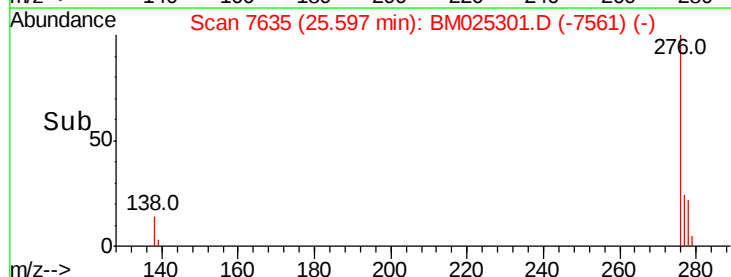
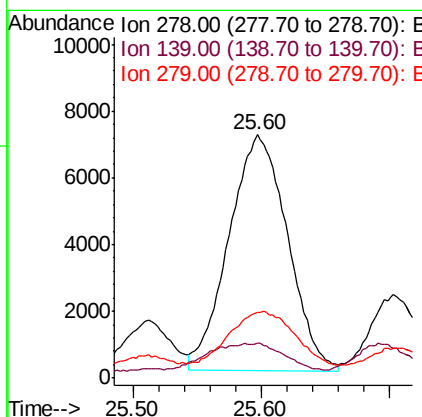
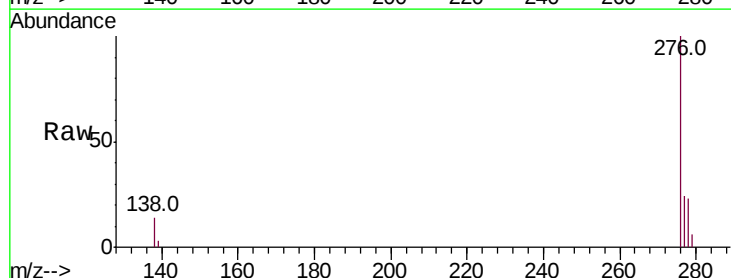
Tot Ion:276 Resp: 86633
Ion Ratio Lower Upper
276 100
138 14.8 0.0 0.0#
227 0.0 0.0 0.0

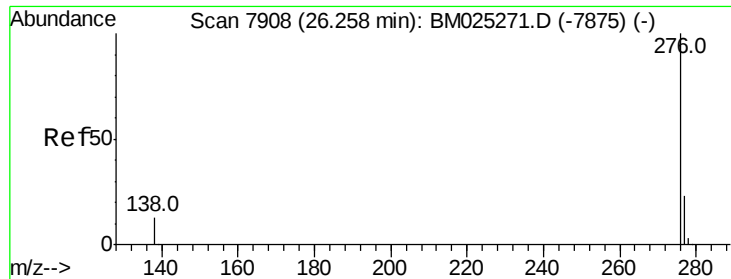


#25

Dibenzo(a,h)anthracene
Concen: 0.270 ng/u1
RT: 25.60 min Scan# 7635
Delta R.T. -0.02 min
Lab File: BM025301.D
Acq: 06 Mar 2020 00:22

Tgt Ion:278 Resp: 22458
Ion Ratio Lower Upper
278 100
139 14.1 13.2 19.8
279 27.1 21.0 31.4





#26

Benzo(a,h,i)perylene

Concen: 0.653 ng/ul

RT: 26.25 min Scan# 7905

Delta R.T. -0.01 min

Lab File: BM025301.D

Acq: 06 Mar 2020 00:22

Instrument :

BNA_M

ClientSampleId :

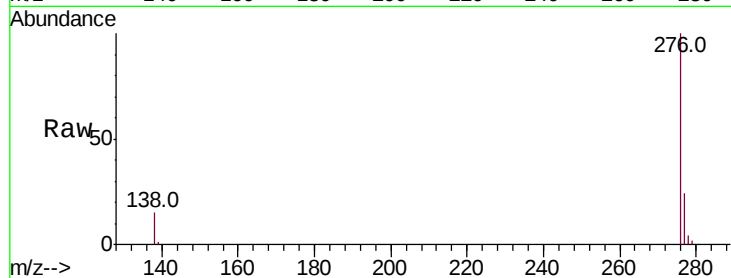
Tot Ion:276 Resp: 55633

Ion Ratio Lower Upper

276 100

138 15.3 17.9 26.9#

277 24.2 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

