

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025296.D
 Acq On : 05 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1543-17
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 02:45:55 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

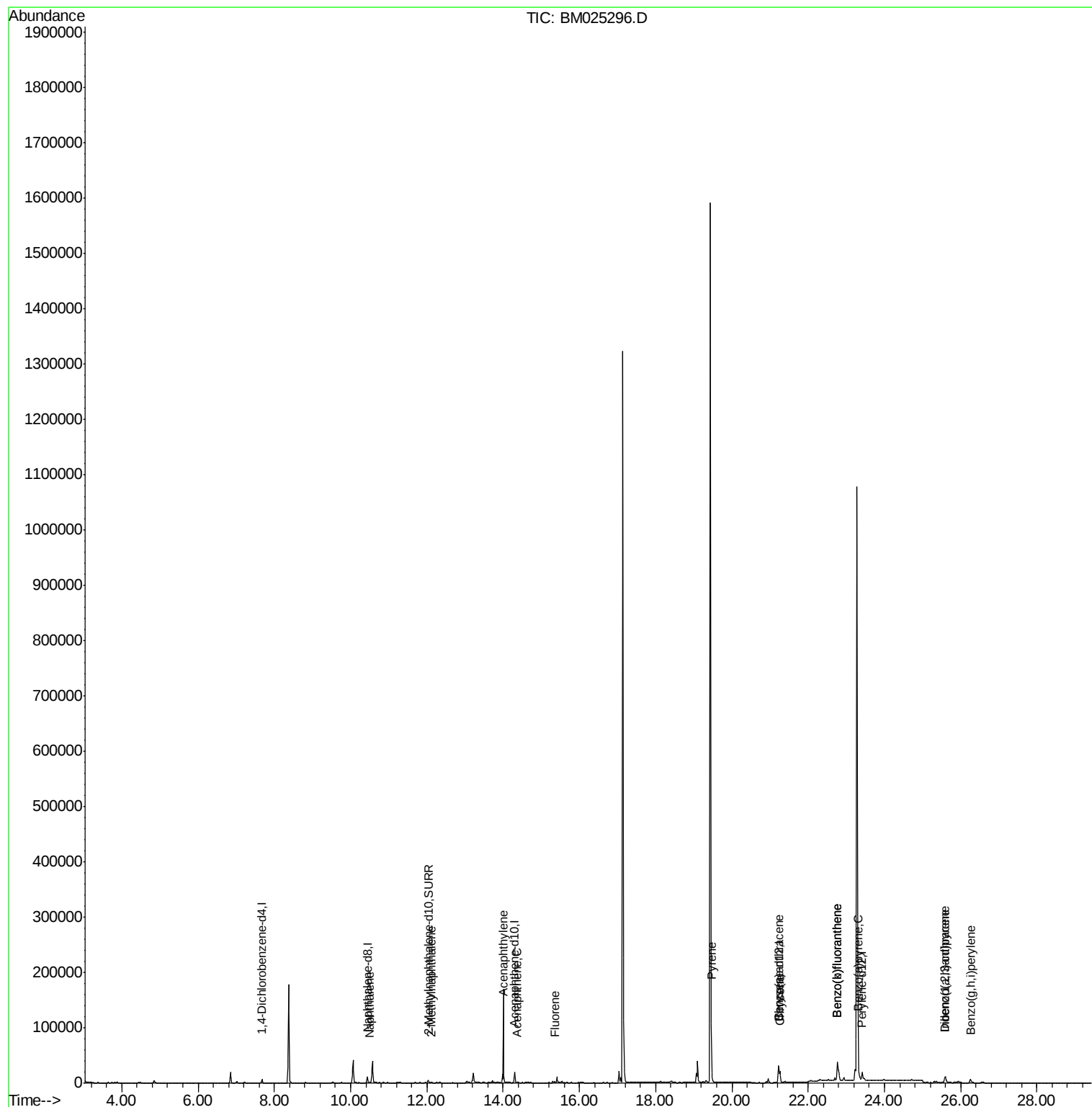
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10708	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.23	240	21821	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	19224	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	6451	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	19974	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1566	0.036	ng/ul#	93
5) 2-Methylnaphthalene	12.11	142	903	0.029	ng/ul	96
7) Acenaphthylene	14.02	152	2800	0.056	ng/ul	99
8) Acenaphthene	14.36	153	921	0.024	ng/ul	95
9) Fluorene	15.35	166	1287	0.026	ng/ul	99
17) Pyrene	19.46	202	44062	0.532	ng/ul	96
18) Benzo(a)anthracene	21.21	228	15726	0.196	ng/ul	98
19) Chrysene	21.26	228	14977	0.170	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	72692	0.945	ng/ul	94
22) Benzo(k)fluoranthene	22.77	252	72679	0.901	ng/ul#	96
23) Benzo(a)pyrene	23.32	252	13891	0.215	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	18383	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	4640	0.070	ng/ul#	84
26) Benzo(g,h,i)perylene	26.25	276	11688	0.171	ng/ul#	93

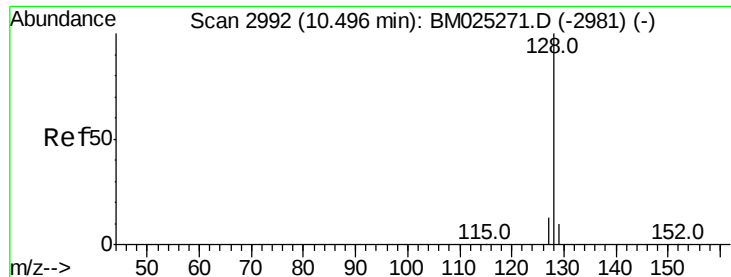
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

Instrument :

BNA_M

ClientSampleId :

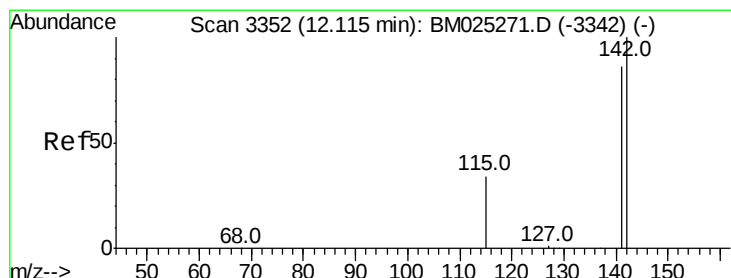
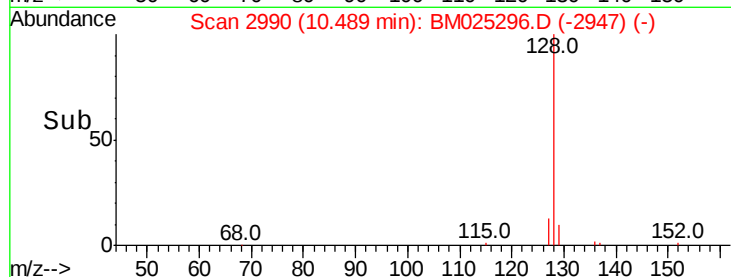
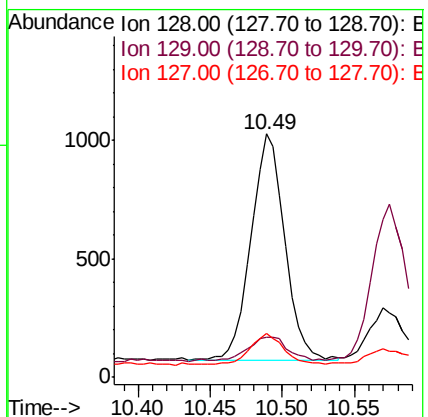
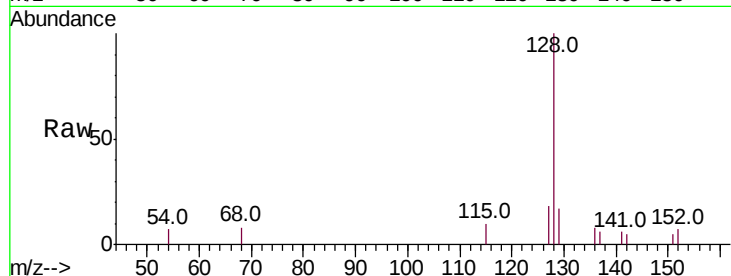
Tot Ion:128 Resp: 1566

Ion Ratio Lower Upper

128 100

129 16.6 17.0 25.6#

127 18.0 15.7 23.5



#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.11 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM025296.D

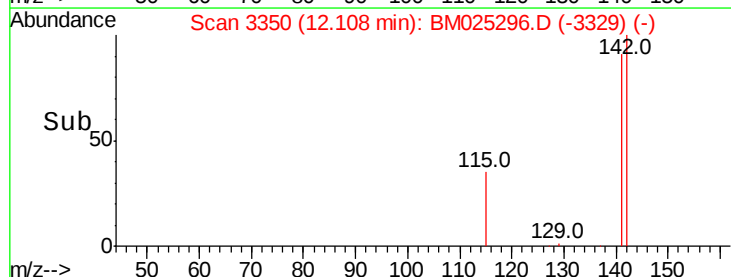
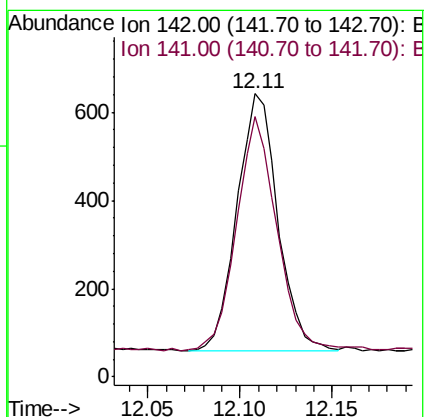
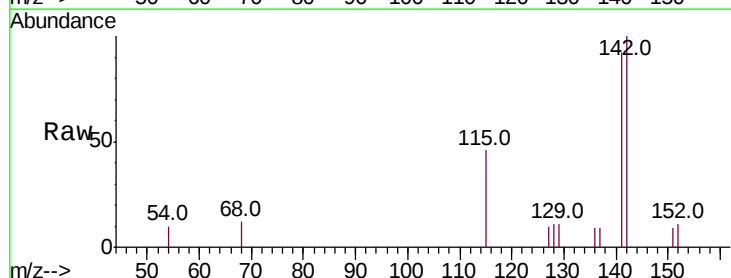
Acq: 05 Mar 2020 20:09

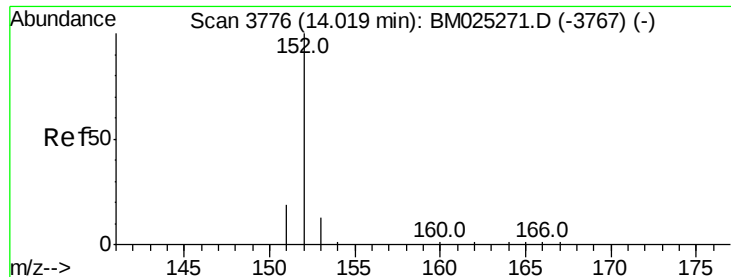
Tgt Ion:142 Resp: 903

Ion Ratio Lower Upper

142 100

141 90.7 69.8 104.8





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.00 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

Instrument :

BNA_M

ClientSampleId :

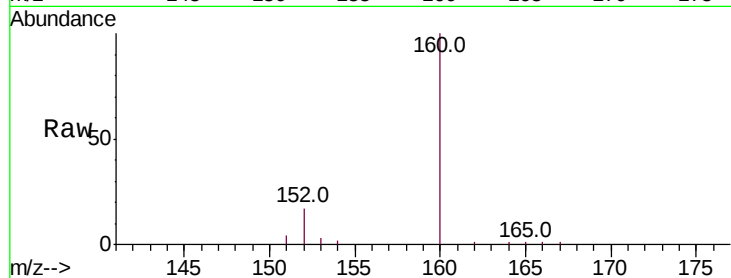
Tot Ion:152 Resp: 2800

Ion Ratio Lower Upper

152 100

151 22.2 17.8 26.8

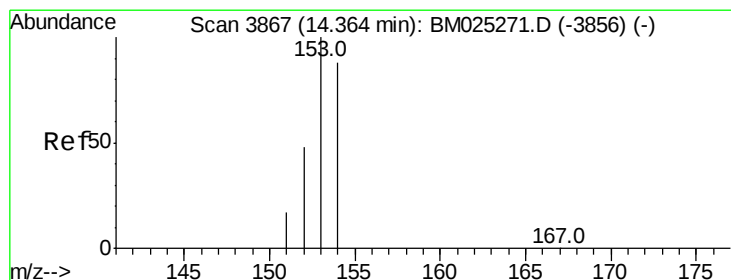
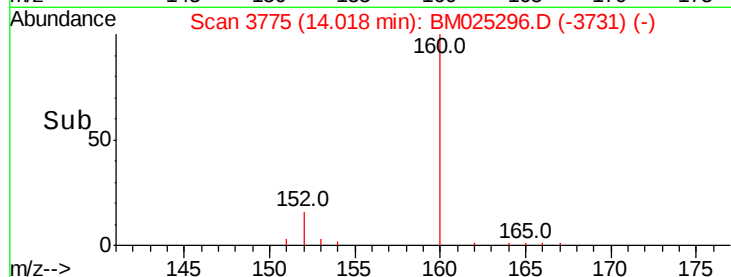
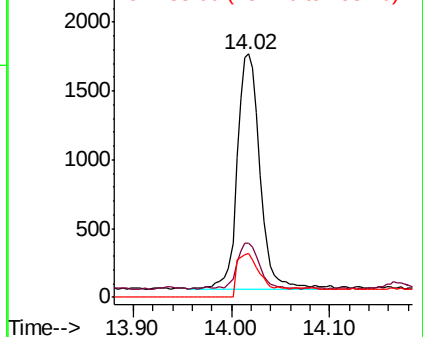
153 17.8 13.3 19.9



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: 0.024 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

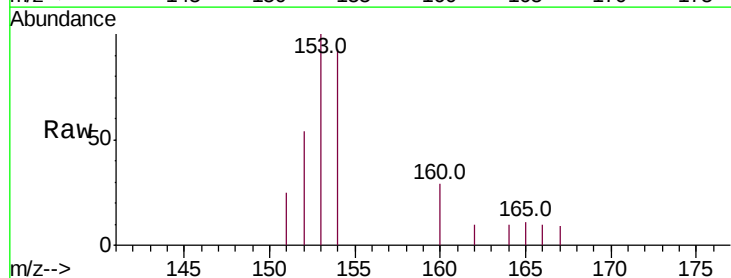
Tgt Ion:153 Resp: 921

Ion Ratio Lower Upper

153 100

152 53.7 40.0 60.0

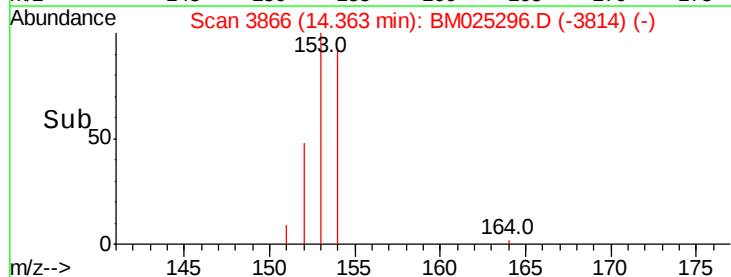
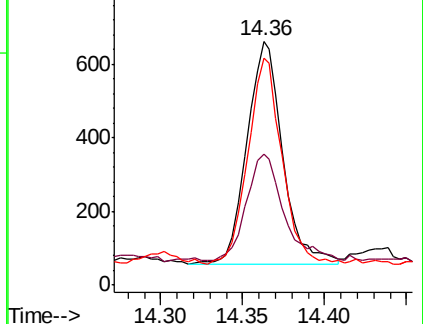
154 93.3 71.0 106.6

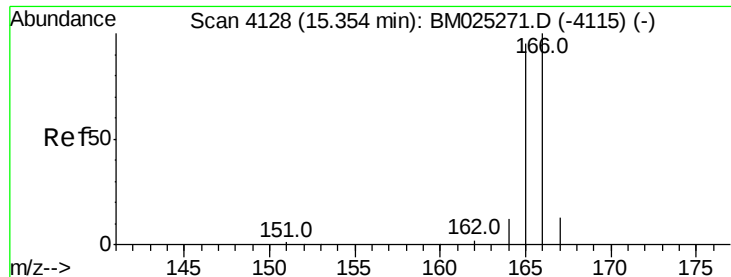


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

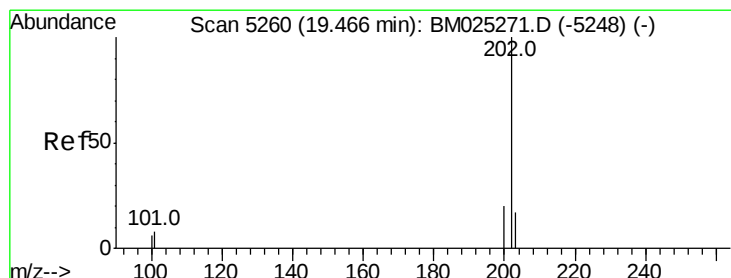
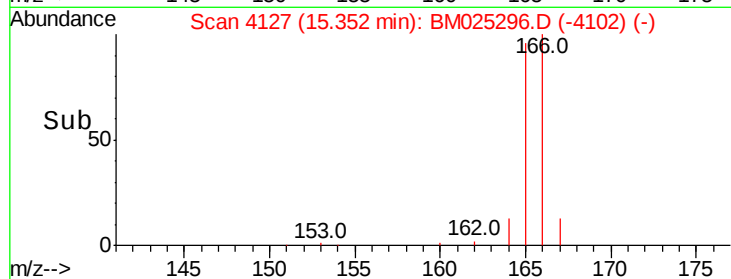
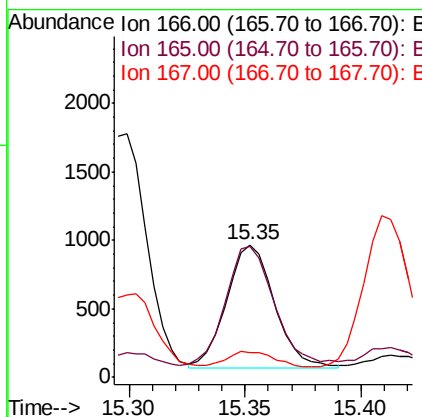
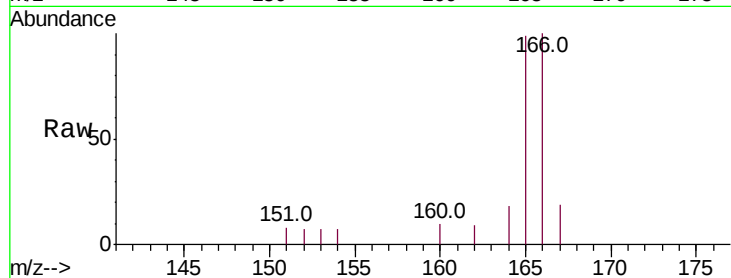




#9
Fluorene
 Concen: 0.026 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BM025296.D
 Acq: 05 Mar 2020 20:09

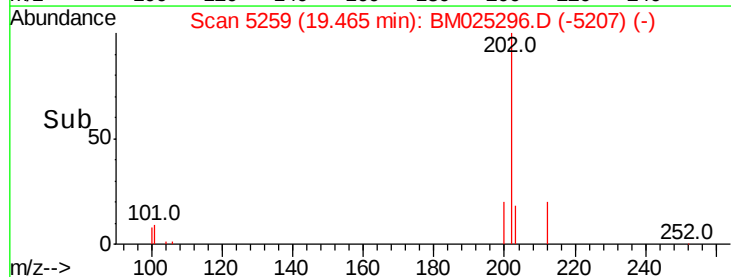
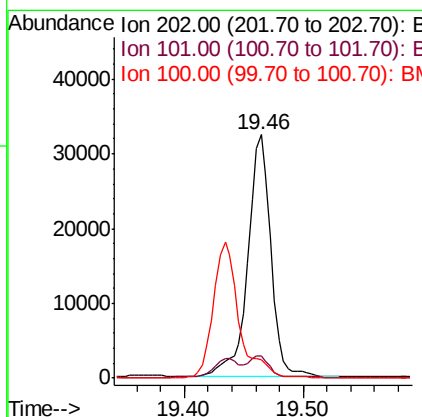
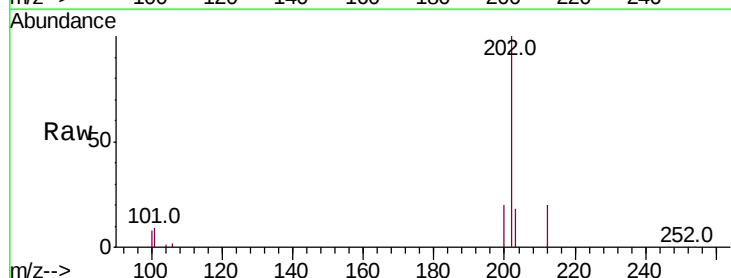
Instrument :
 BNA_M
 ClientSampleId :

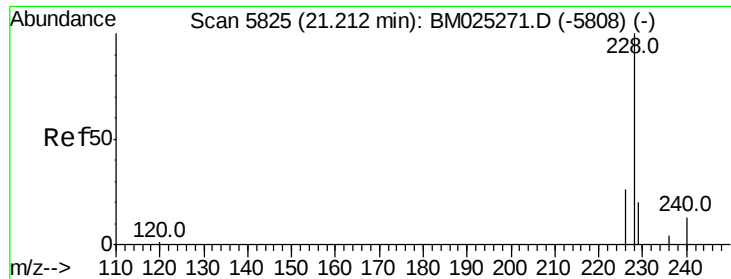
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.0	120.0
167	18.6	13.7	20.5



#17
Pyrene
 Concen: 0.532 ng/ul
 RT: 19.46 min Scan# 5259
 Delta R.T. -0.00 min
 Lab File: BM025296.D
 Acq: 05 Mar 2020 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.7	13.1
100	7.7	7.3	10.9

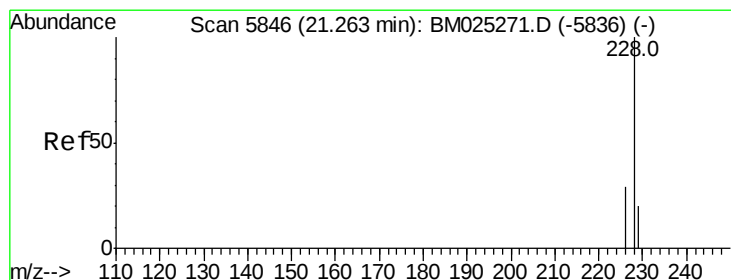
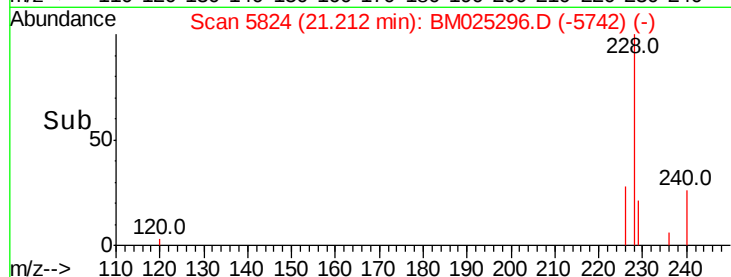
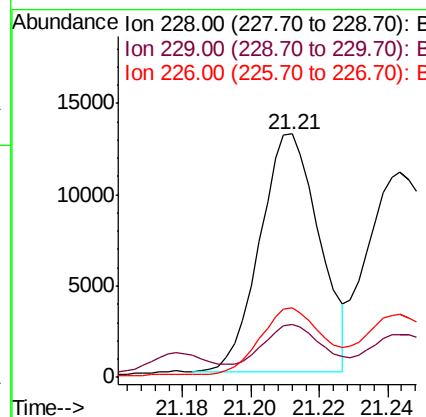
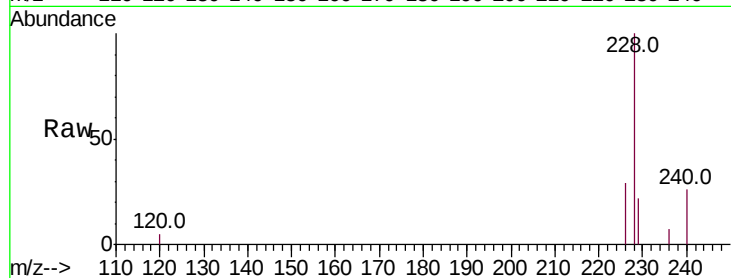




#18
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025296.D
Acq: 05 Mar 2020 20:09

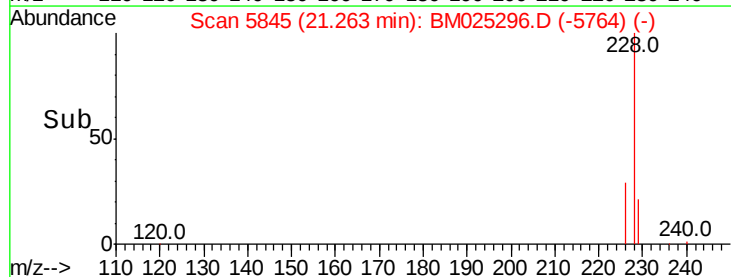
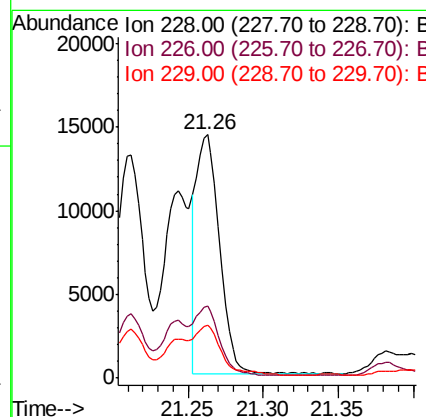
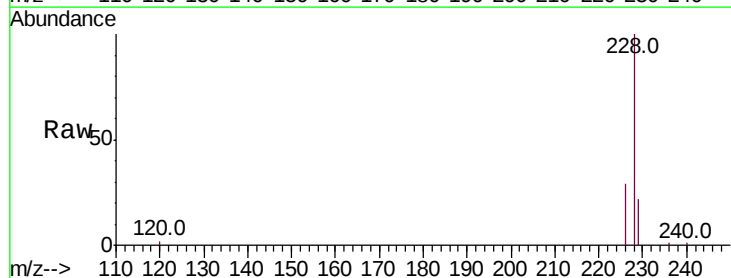
Instrument :
BNA_M
ClientSampleId :

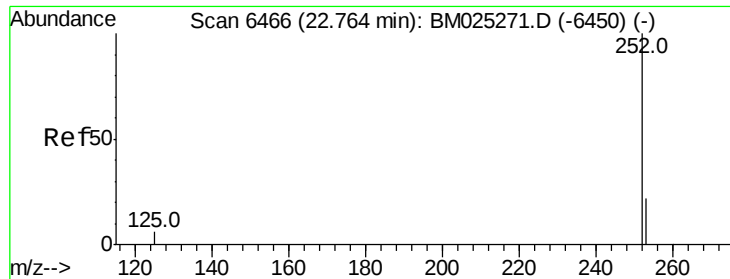
Tot Ion:228 Resp: 15726
Ion Ratio Lower Upper
228 100
229 22.0 16.6 25.0
226 28.7 21.9 32.9



#19
Chrysene
Concen: 0.170 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.00 min
Lab File: BM025296.D
Acq: 05 Mar 2020 20:09

Tgt Ion:228 Resp: 14977
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 21.7 16.9 25.3





#21

Benzo(b)fluoranthene

Concen: 0.945 ng/u1

RT: 22.77 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

Instrument :

BNA_M

ClientSampleId :

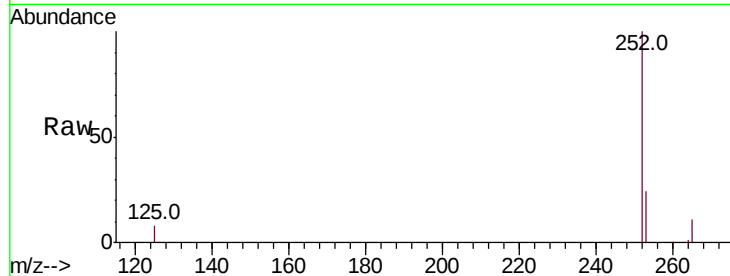
Tot Ion:252 Resp: 72692

Ion Ratio Lower Upper

252 100

253 24.3 0.0 49.8

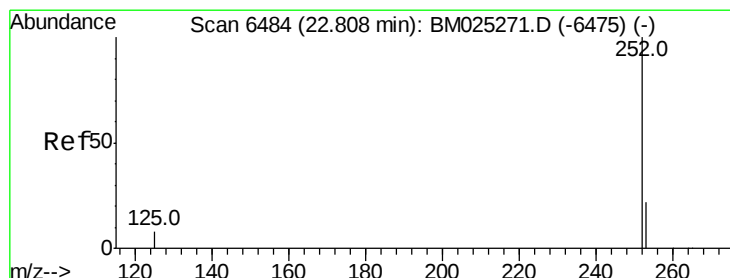
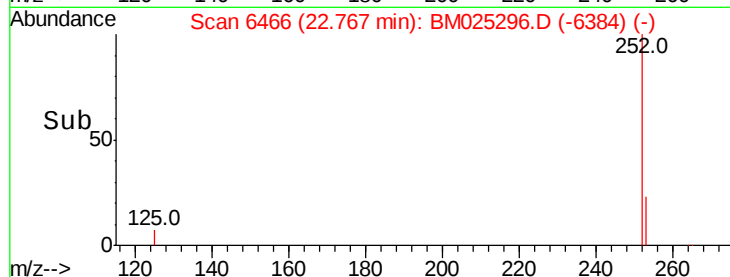
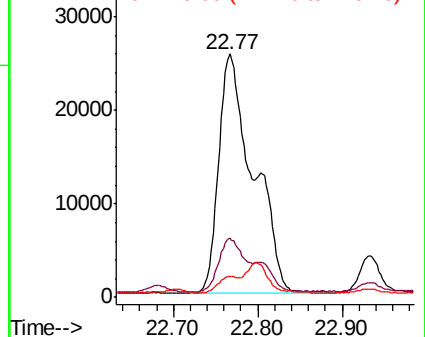
125 8.5 0.0 28.6



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: 0.901 ng/u1

RT: 22.77 min Scan# 6466

Delta R.T. -0.05 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

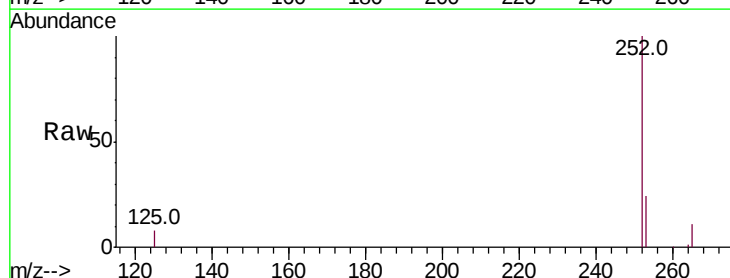
Tgt Ion:252 Resp: 72679

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.0

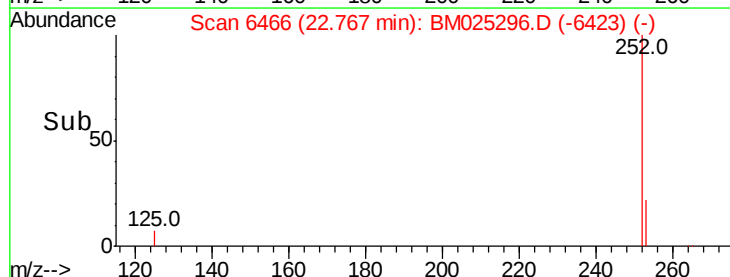
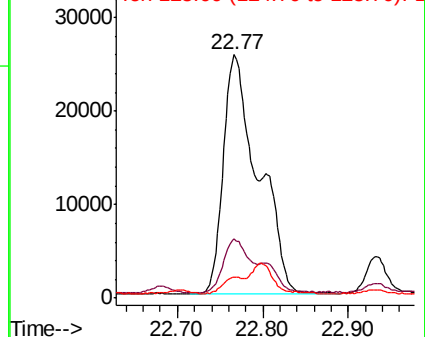
125 8.5 10.7 16.1#

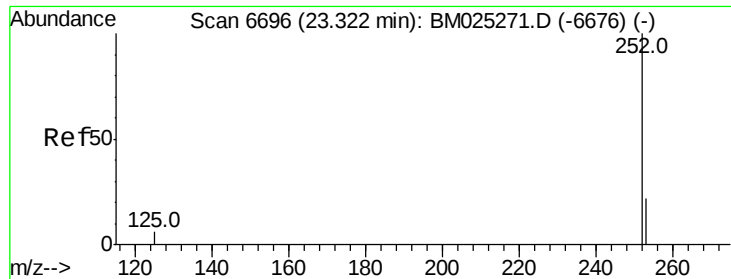


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.215 ng/ul

RT: 23.32 min Scan# 6695

Delta R.T. -0.00 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

Instrument :

BNA_M

ClientSampleId :

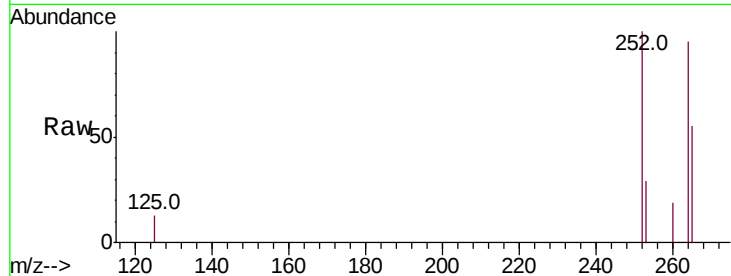
Tot Ion:252 Resp: 13891

Ion Ratio Lower Upper

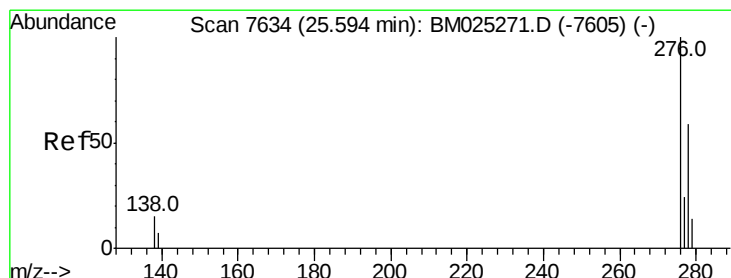
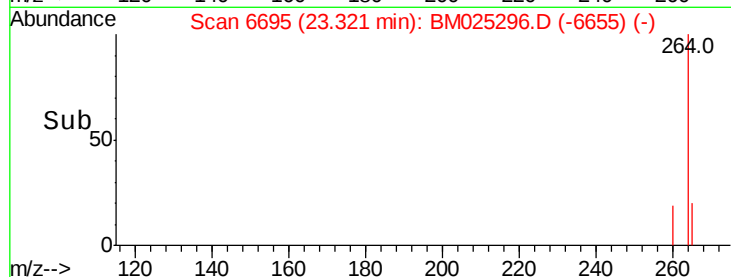
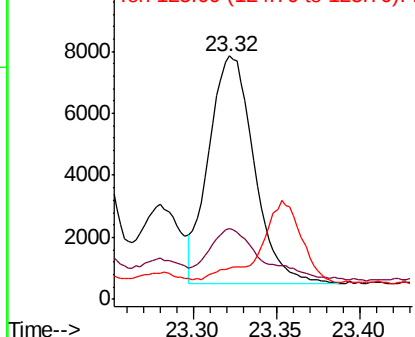
252 100

253 28.9 20.3 30.5

125 12.8 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: 0.228 ng/ul

RT: 25.59 min Scan# 7633

Delta R.T. -0.01 min

Lab File: BM025296.D

Acq: 05 Mar 2020 20:09

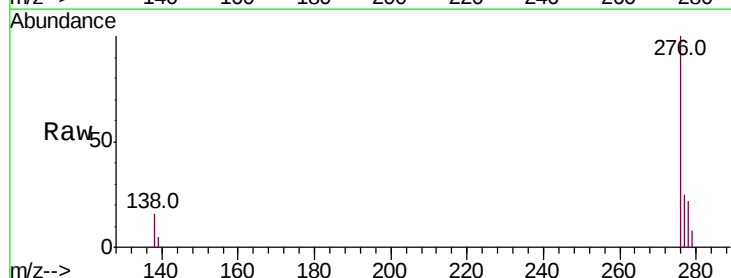
Tgt Ion:276 Resp: 18383

Ion Ratio Lower Upper

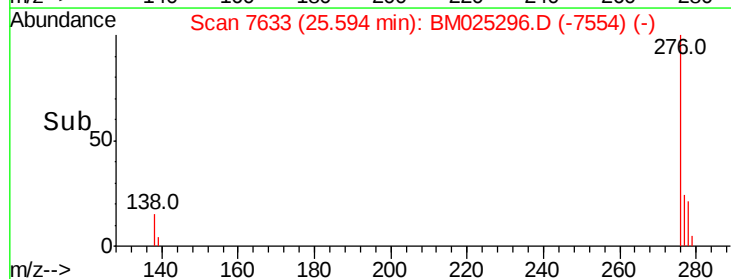
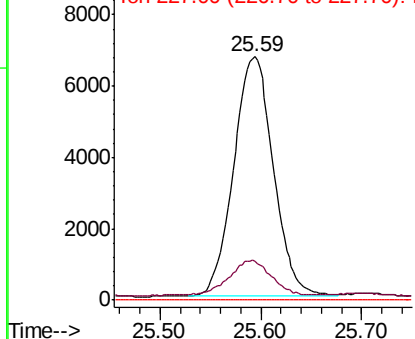
276 100

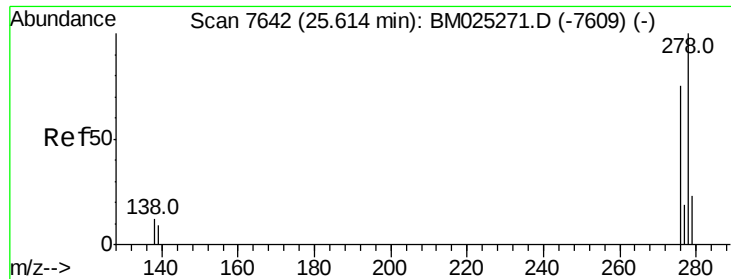
138 15.2 0.0 0.0#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

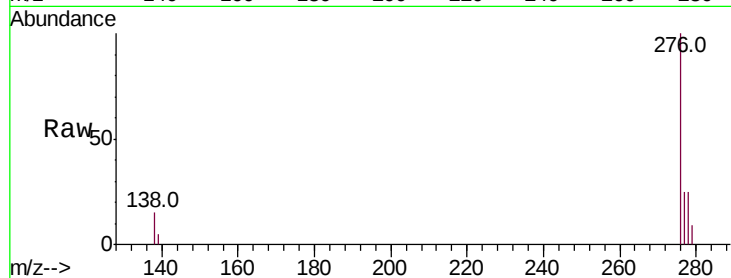




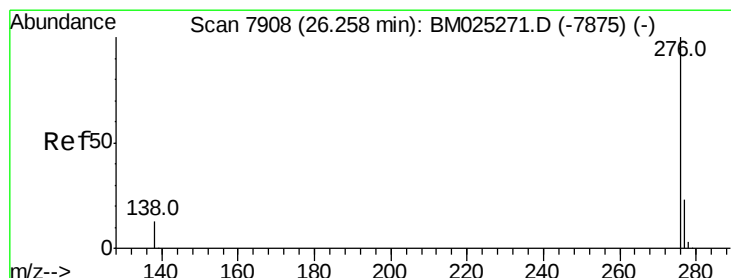
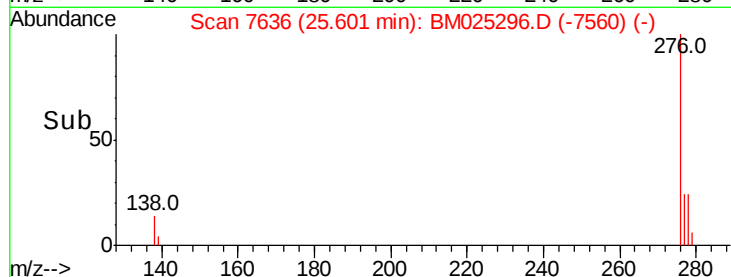
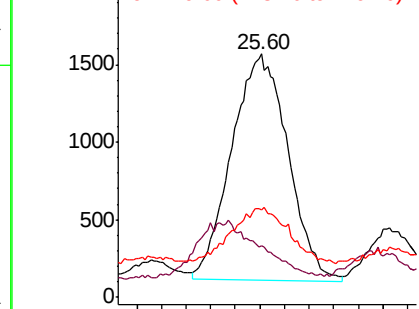
#25
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.02 min
Lab File: BM025296.D
Acq: 05 Mar 2020 20:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4640
Ion Ratio Lower Upper
278 100
139 21.2 13.2 19.8#
279 35.8 21.0 31.4#

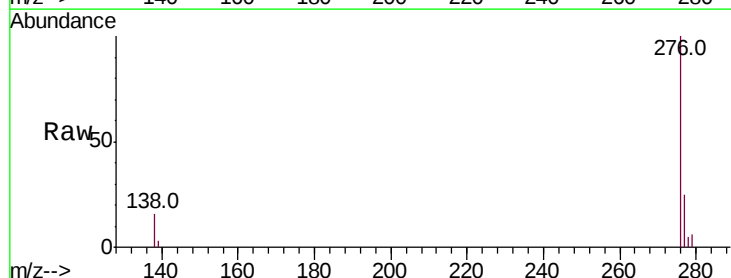


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.171 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025296.D
Acq: 05 Mar 2020 20:09

Tgt Ion:276 Resp: 11688
Ion Ratio Lower Upper
276 100
138 16.3 17.9 26.9#
277 24.7 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

