

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025548.D
 Acq On : 13 Mar 2020 19:24
 Operator : CG/JU
 Sample : L1786-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Quant Time: Mar 16 07:39:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 06:44:28 2020
 Response via : Initial Calibration

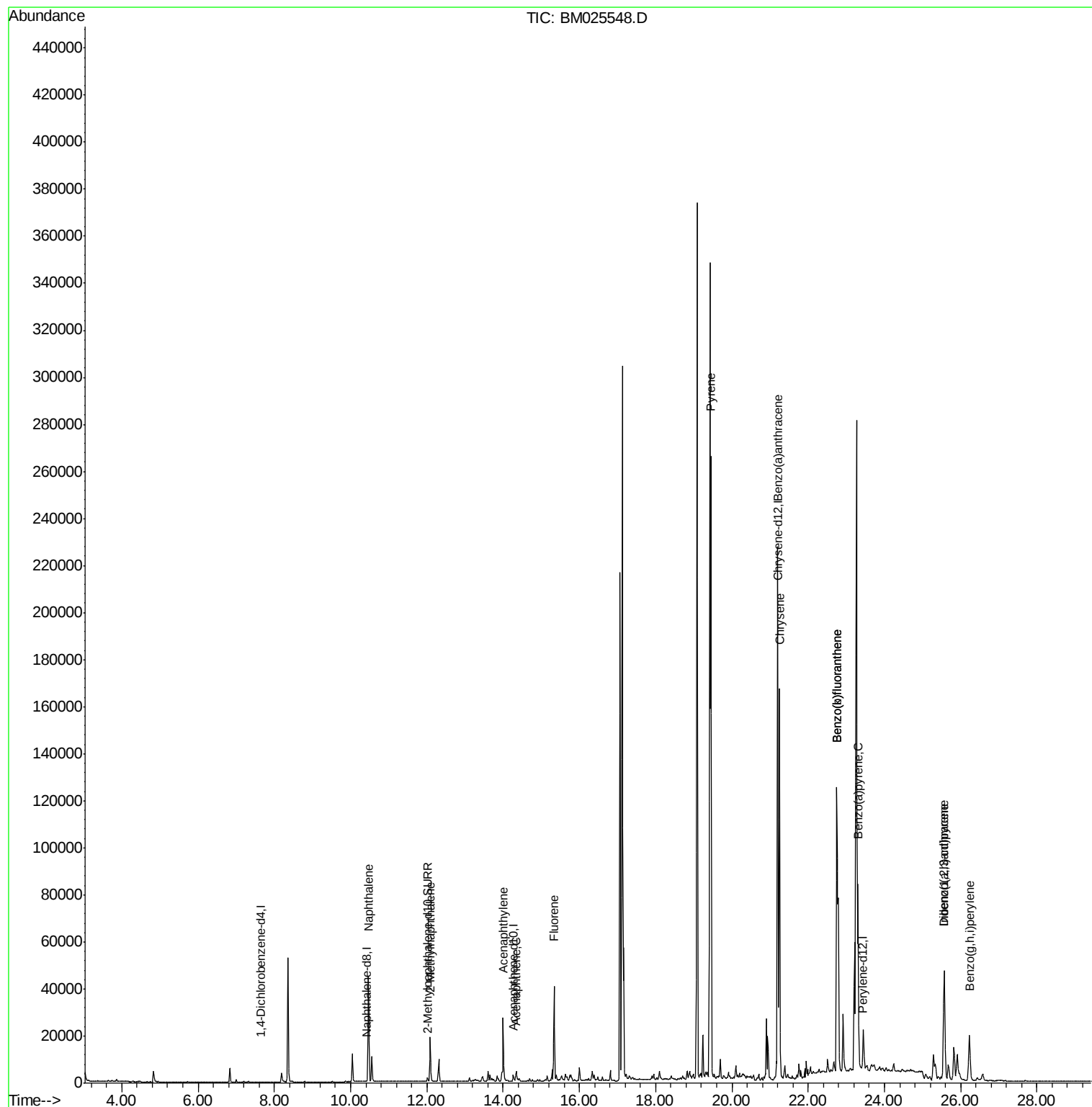
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	5	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	77	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	280	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.03
16) Chrysene-d12	21.21	240	392	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	14	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2037	14.67	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	4718	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.47	128	60197	264.090	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	13485	82.772	ng/ul	99
7) Acenaphthylene	14.00	152	28292	24.731	ng/ul#	86
8) Acenaphthene	14.35	153	2913	2.903	ng/ul	98
9) Fluorene	15.33	166	25583	20.923	ng/ul	99
17) Pyrene	19.45	202	221757	126.037	ng/ul	100
18) Benzo(a)anthracene	21.20	228	188043	134.171	ng/ul	98
19) Chrysene	21.25	228	154092	97.909	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	285617	5152.062	ng/ul	96
22) Benzo(k)fluoranthene	22.75	252	285617	4917.228	ng/ul	96
23) Benzo(a)pyrene	23.30	252	107726	2340.037	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.56	276	72128	1154.839	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	24565	467.535	ng/ul	97
26) Benzo(g,h,i)perylene	26.23	276	39514	729.338	ng/ul	98

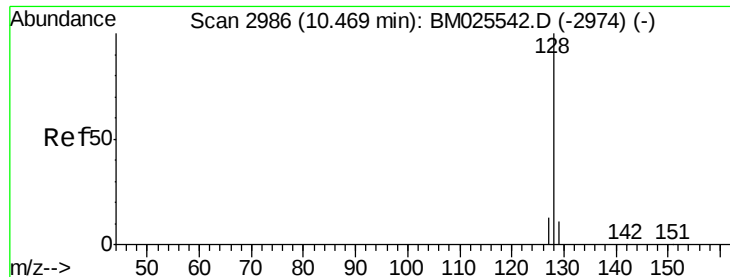
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 06:44:28 2020
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#3

Naphthalene

Concen: 264.090 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

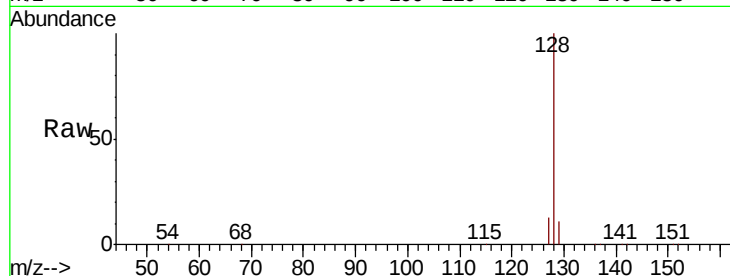
Tot Ion:128 Resp: 60197

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

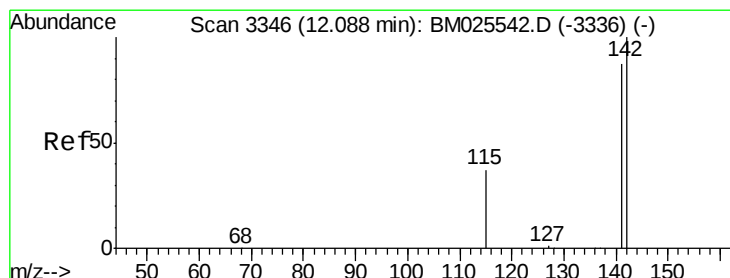
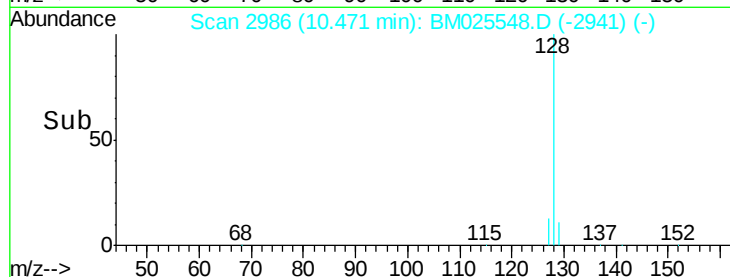
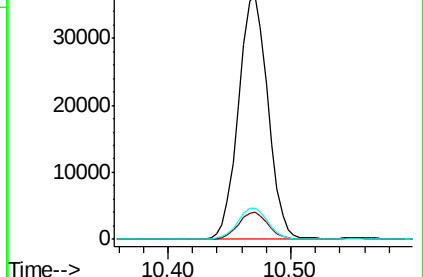
127 12.8 10.9 16.3



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: 82.772 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM025548.D

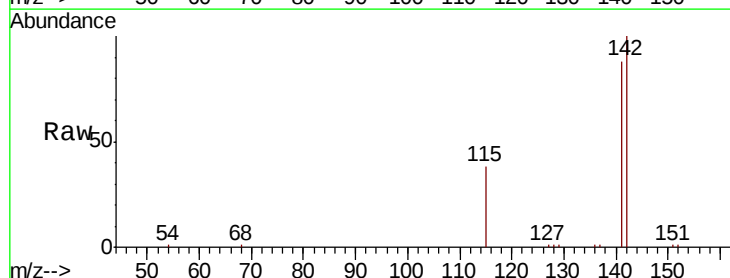
Acq: 13 Mar 2020 19:24

Tgt Ion:142 Resp: 13485

Ion Ratio Lower Upper

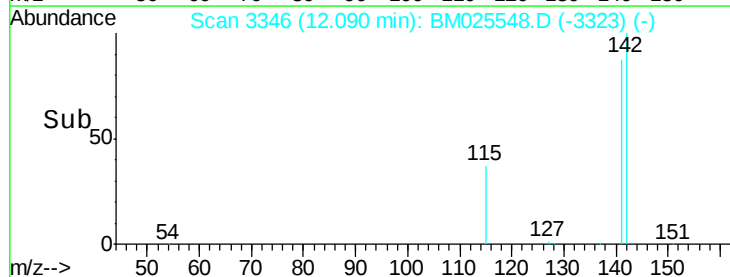
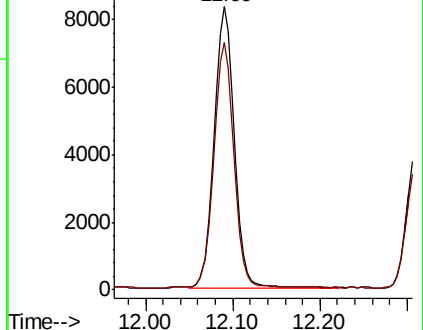
142 100

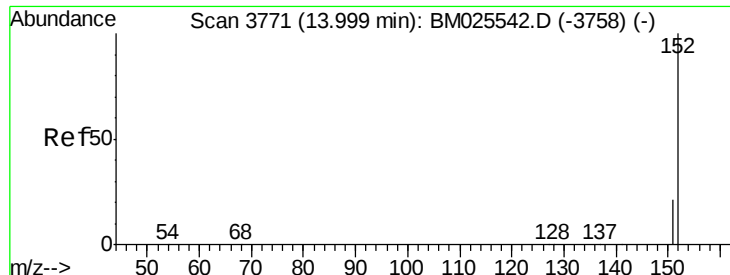
141 87.7 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 24.731 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

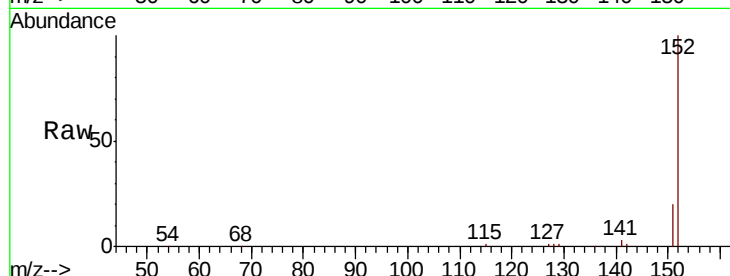
Tot Ion:152 Resp: 28292

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

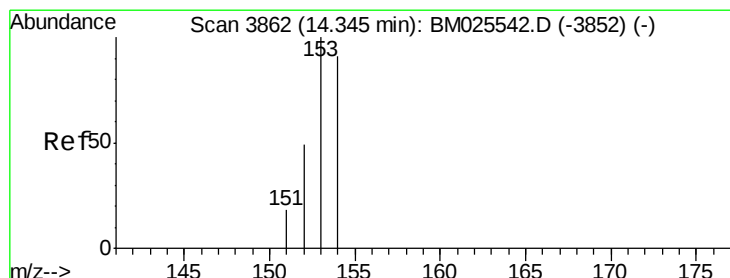
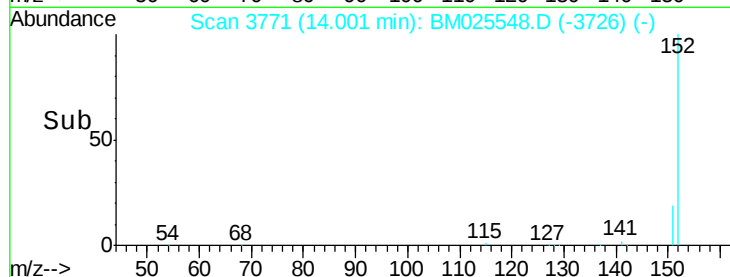
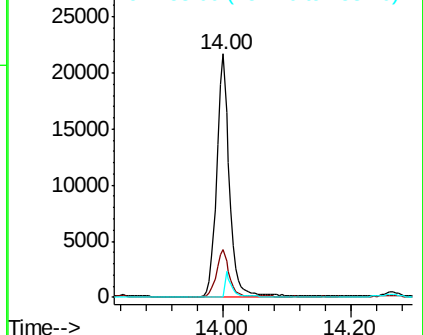
153 0.0 10.6 16.0#



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: 2.903 ng/ul

RT: 14.35 min Scan# 3862

Delta R.T. 0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

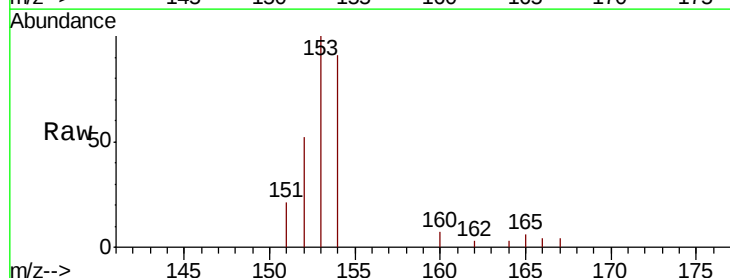
Tgt Ion:153 Resp: 2913

Ion Ratio Lower Upper

153 100

152 52.0 39.5 59.3

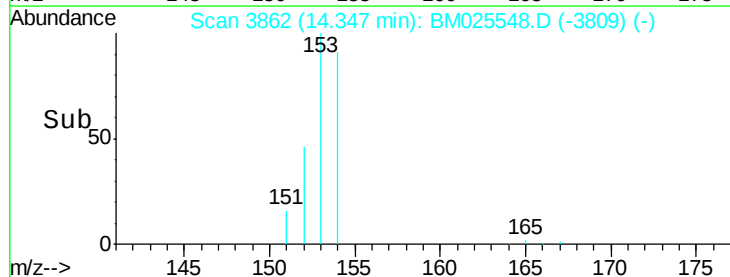
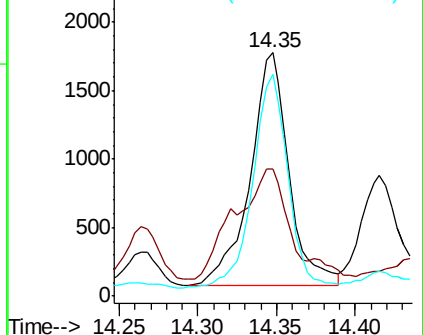
154 91.3 71.7 107.5

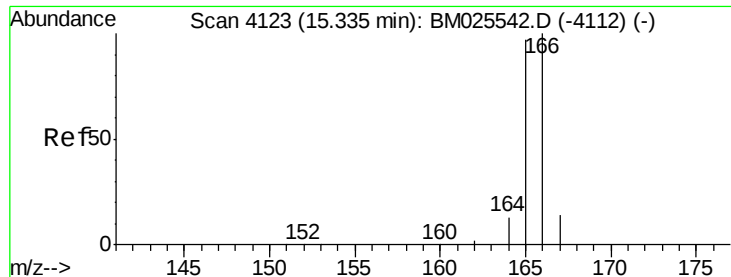


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 20.923 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

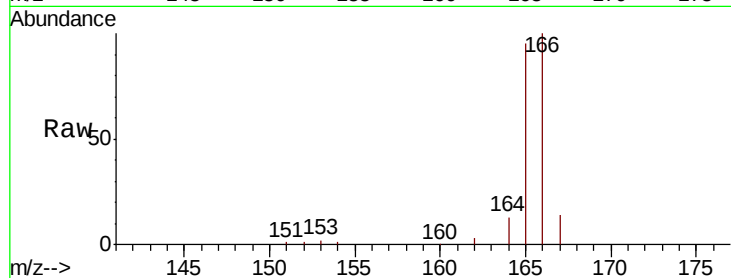
Tot Ion:166 Resp: 25583

Ion Ratio Lower Upper

166 100

165 94.9 76.8 115.2

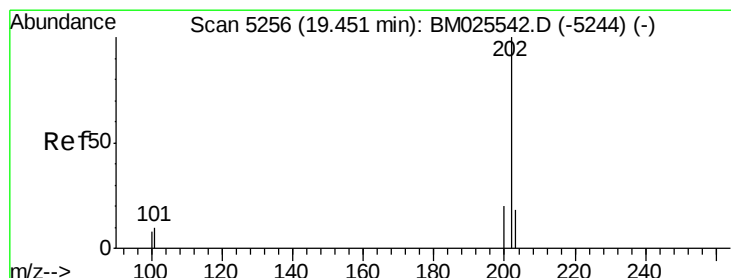
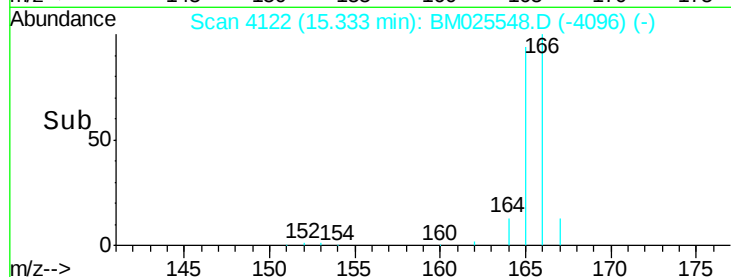
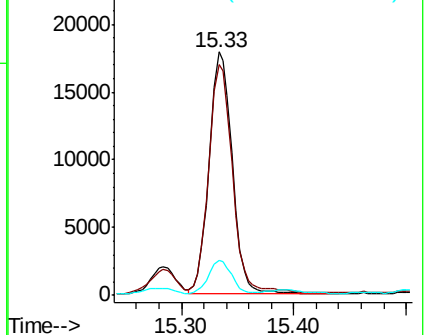
167 14.4 11.2 16.8



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

Pyrene

Concen: 126.037 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

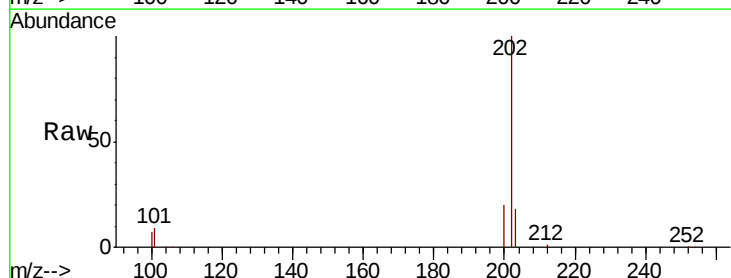
Tgt Ion:202 Resp: 221757

Ion Ratio Lower Upper

202 100

101 9.2 7.1 10.7

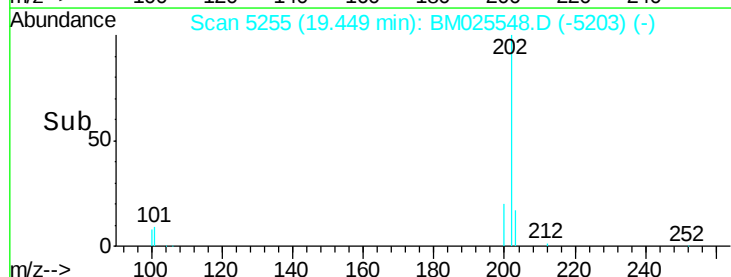
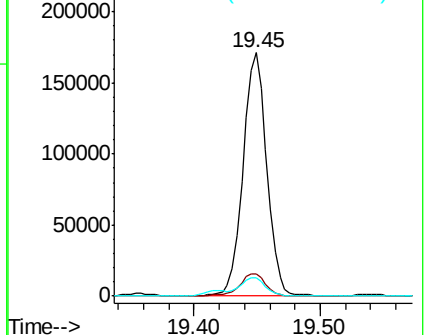
100 7.5 6.0 9.0

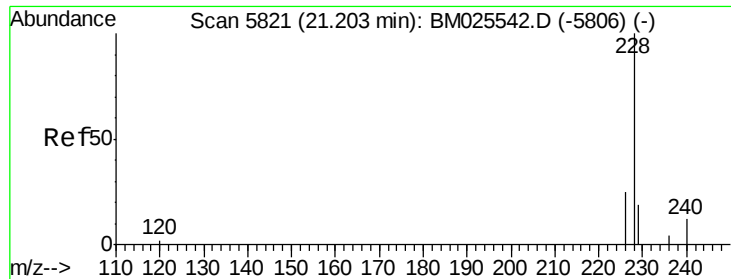


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 134.171 ng/ul

RT: 21.20 min Scan# 5819

Delta R.T. -0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

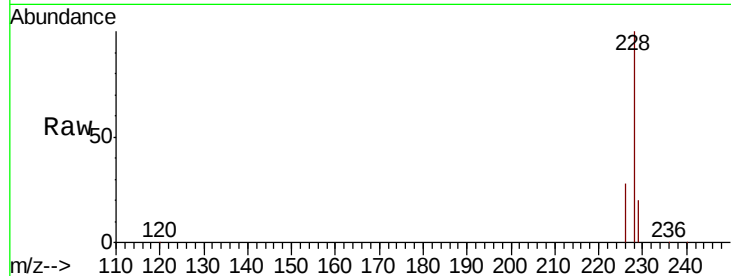
Tot Ion:228 Resp: 188043

Ion Ratio Lower Upper

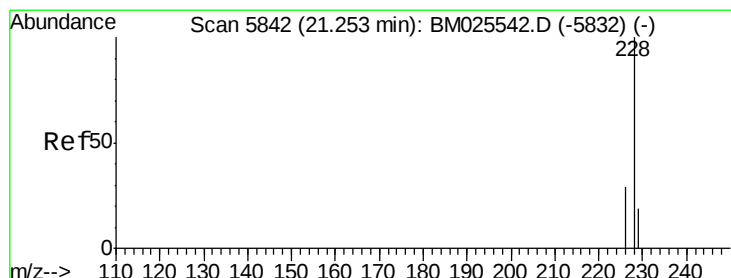
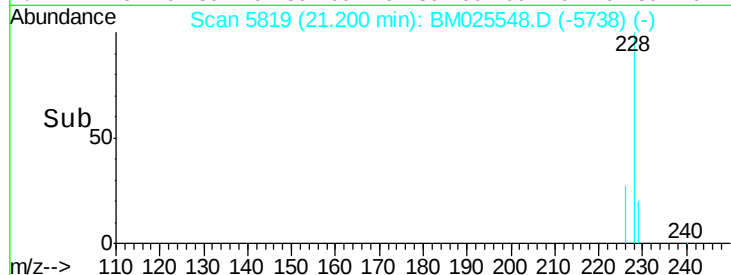
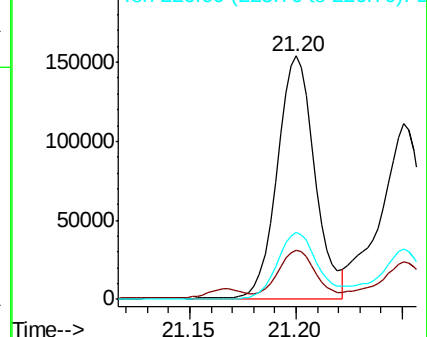
228 100

229 20.1 15.6 23.4

226 27.6 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



#19

Chrysene

Concen: 97.909 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

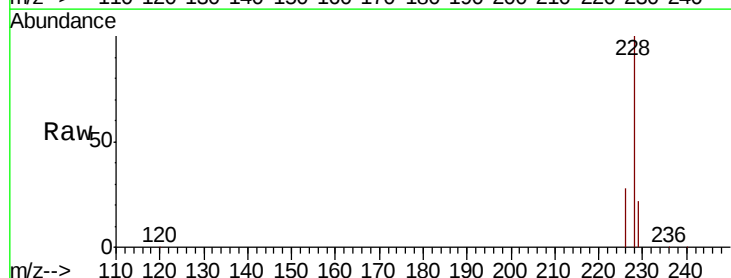
Tgt Ion:228 Resp: 154092

Ion Ratio Lower Upper

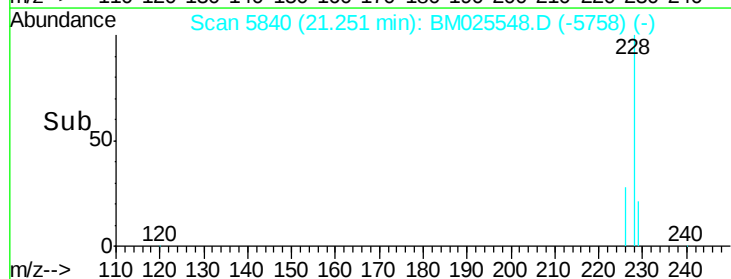
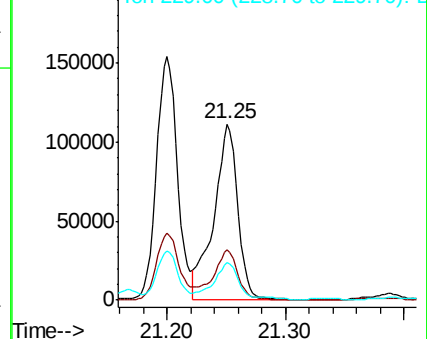
228 100

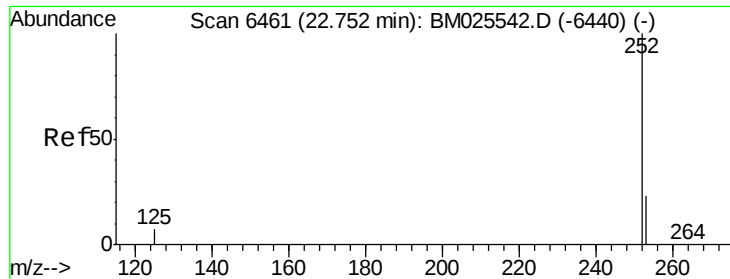
226 28.5 23.6 35.4

229 21.6 16.3 24.5



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: 5152.062 ng/ul

RT: 22.75 min Scan# 6460

Delta R.T. 0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

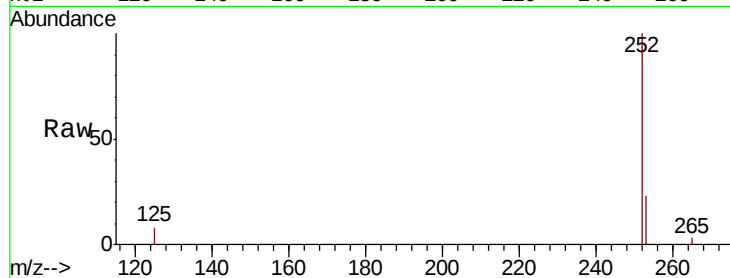
Tot Ion:252 Resp: 285617

Ion Ratio Lower Upper

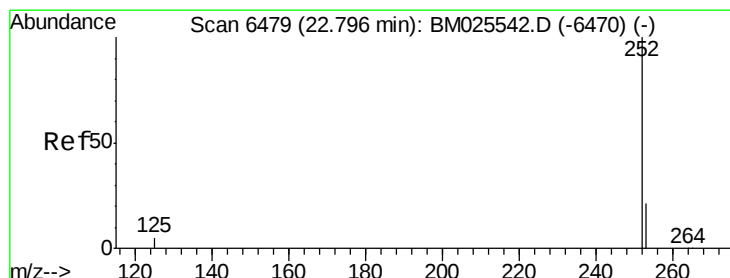
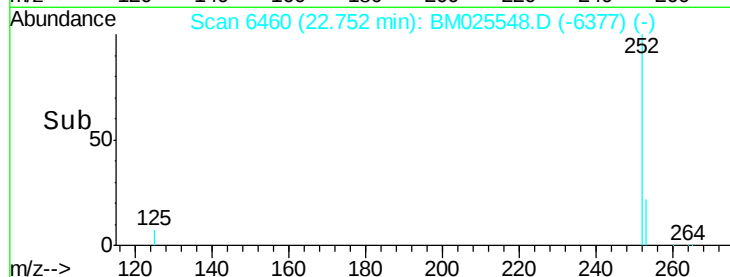
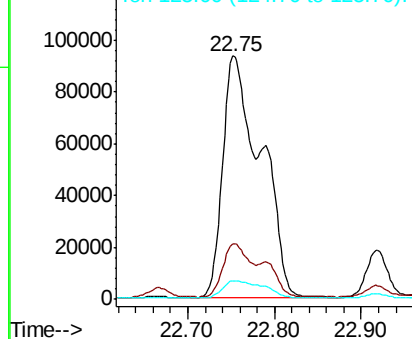
252 100

253 22.9 0.0 50.2

125 7.7 0.0 17.6



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: 4917.228 ng/ul

RT: 22.75 min Scan# 6460

Delta R.T. -0.04 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

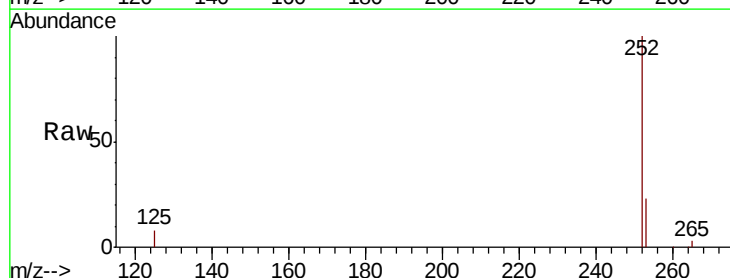
Tgt Ion:252 Resp: 285617

Ion Ratio Lower Upper

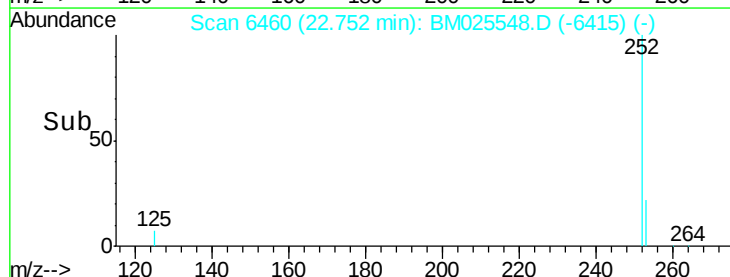
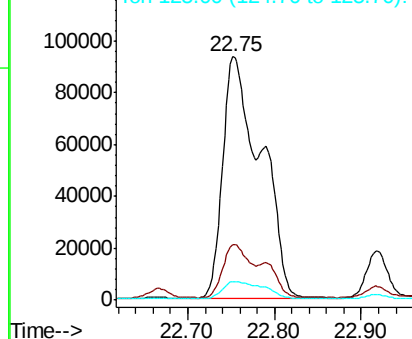
252 100

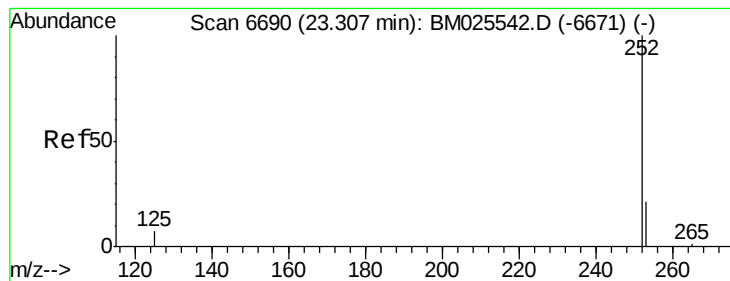
253 22.9 19.8 29.8

125 7.7 7.1 10.7



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: 2340.037 ng/u1

RT: 23.30 min Scan# 6688

Delta R.T. -0.00 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

Instrument :

BNA_M

ClientSampleId :

C0AC6

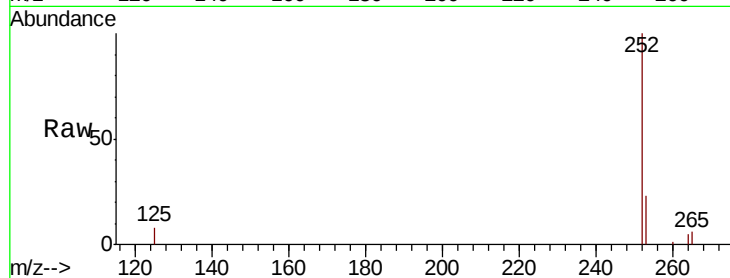
Tot Ion:252 Resp: 107726

Ion Ratio Lower Upper

252 100

253 23.2 21.3 31.9

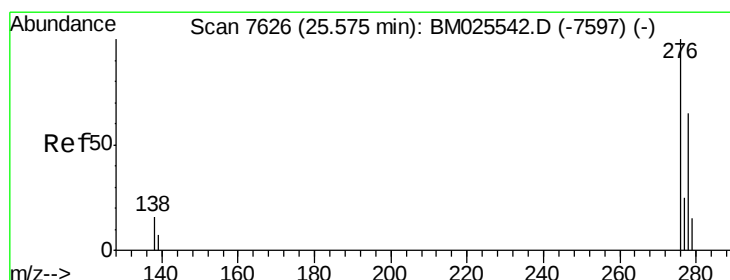
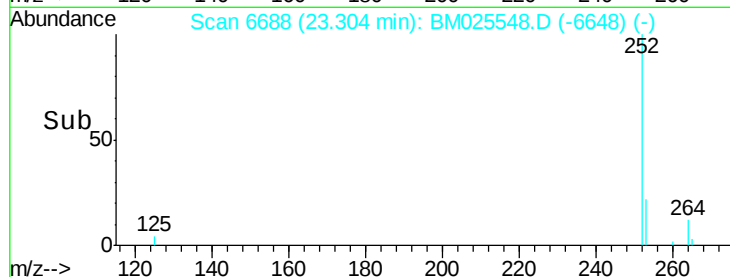
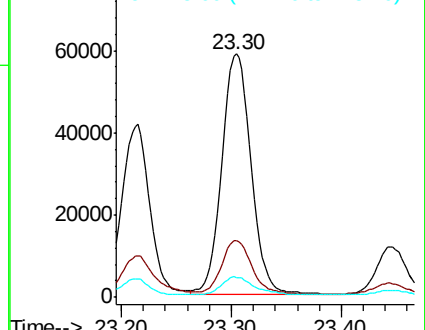
125 8.3 8.5 12.7#



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: 1154.839 ng/u1

RT: 25.56 min Scan# 7621

Delta R.T. -0.01 min

Lab File: BM025548.D

Acq: 13 Mar 2020 19:24

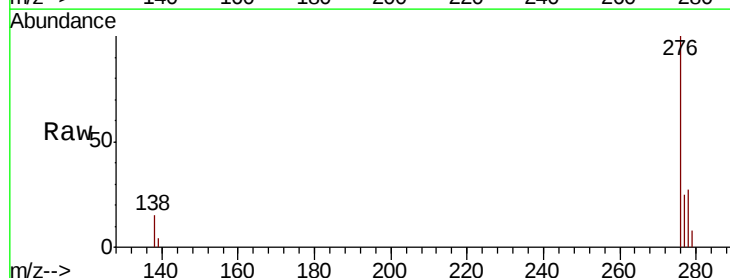
Tgt Ion:276 Resp: 72128

Ion Ratio Lower Upper

276 100

138 15.0 12.3 18.5

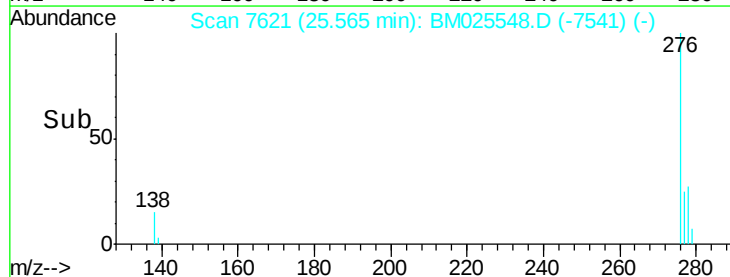
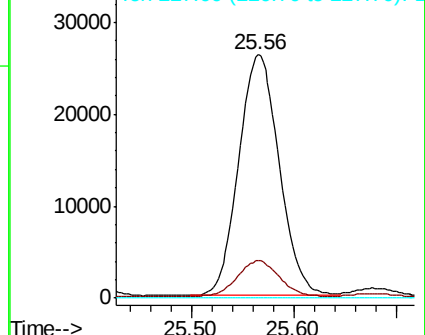
227 0.0 0.0 0.0

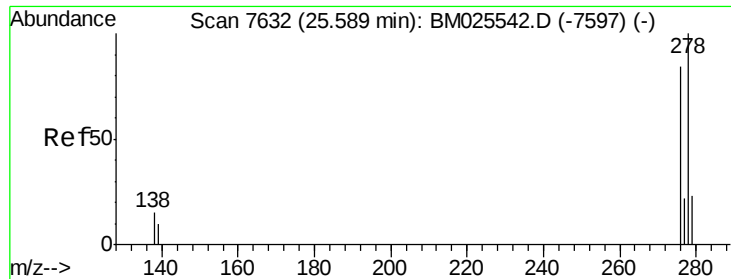


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



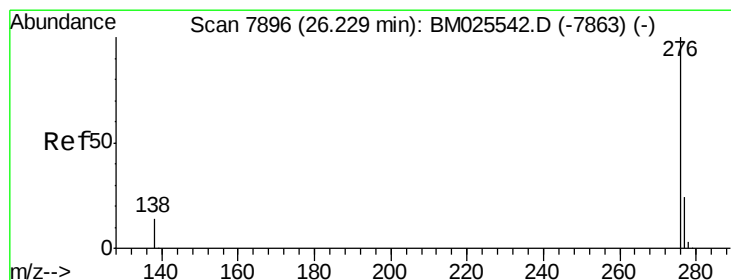
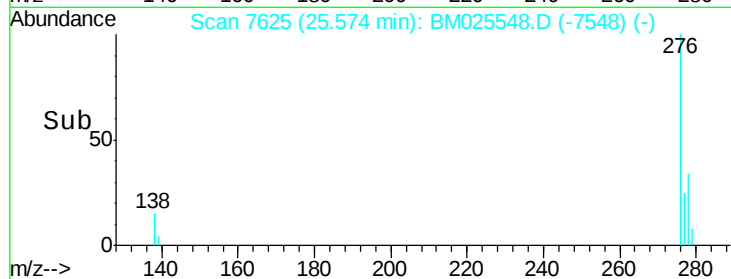
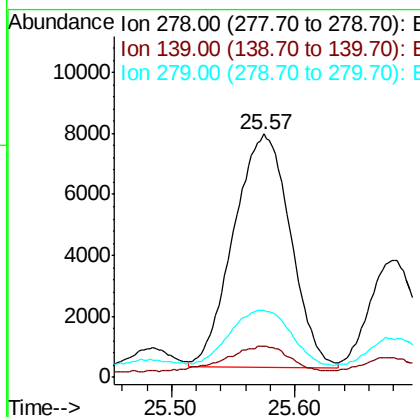
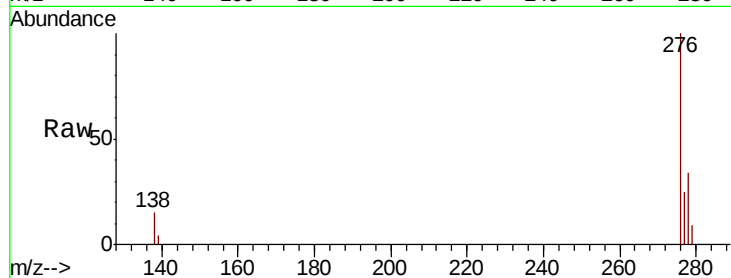


#25
Dibenzo(a,h)anthracene
Concen: 467.535 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.01 min
Lab File: BM025548.D
Acq: 13 Mar 2020 19:24

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion:278 Resp: 24565

Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.0	13.6
279	27.7	21.1	31.7



#26
Benzo(g,h,i)perylene
Concen: 729.338 ng/ul
RT: 26.23 min Scan# 7895
Delta R.T. -0.00 min
Lab File: BM025548.D
Acq: 13 Mar 2020 19:24

Tgt Ion:276 Resp: 39514

Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.0	16.4
277	24.8	19.8	29.6

