

Data File : BM022277.D
Acq On : 24 Aug 2019 04:09
Operator : HP/JU
Sample : K4242-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

Quant Time: Aug 24 06:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	45832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	200787	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	136545	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	311067	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	346885	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	295814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4298	4.20	ng/uL	0.00
5) Phenol-d5	6.75	99	97587	24.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	56667	24.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	84134	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	83430	24.34	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	40645	27.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	48544	27.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	95440	26.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	84706	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	324464	26.98	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	355230	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	37446	21.02	ng/ul	0.00
57) Fluorene-d10	15.22	176	281159	28.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	40856	17.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	472418	28.68	ng/ul	0.00
78) Pyrene-d10	19.38	212	629393	34.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	484849	29.83	ng/ul	0.00

Target Compounds

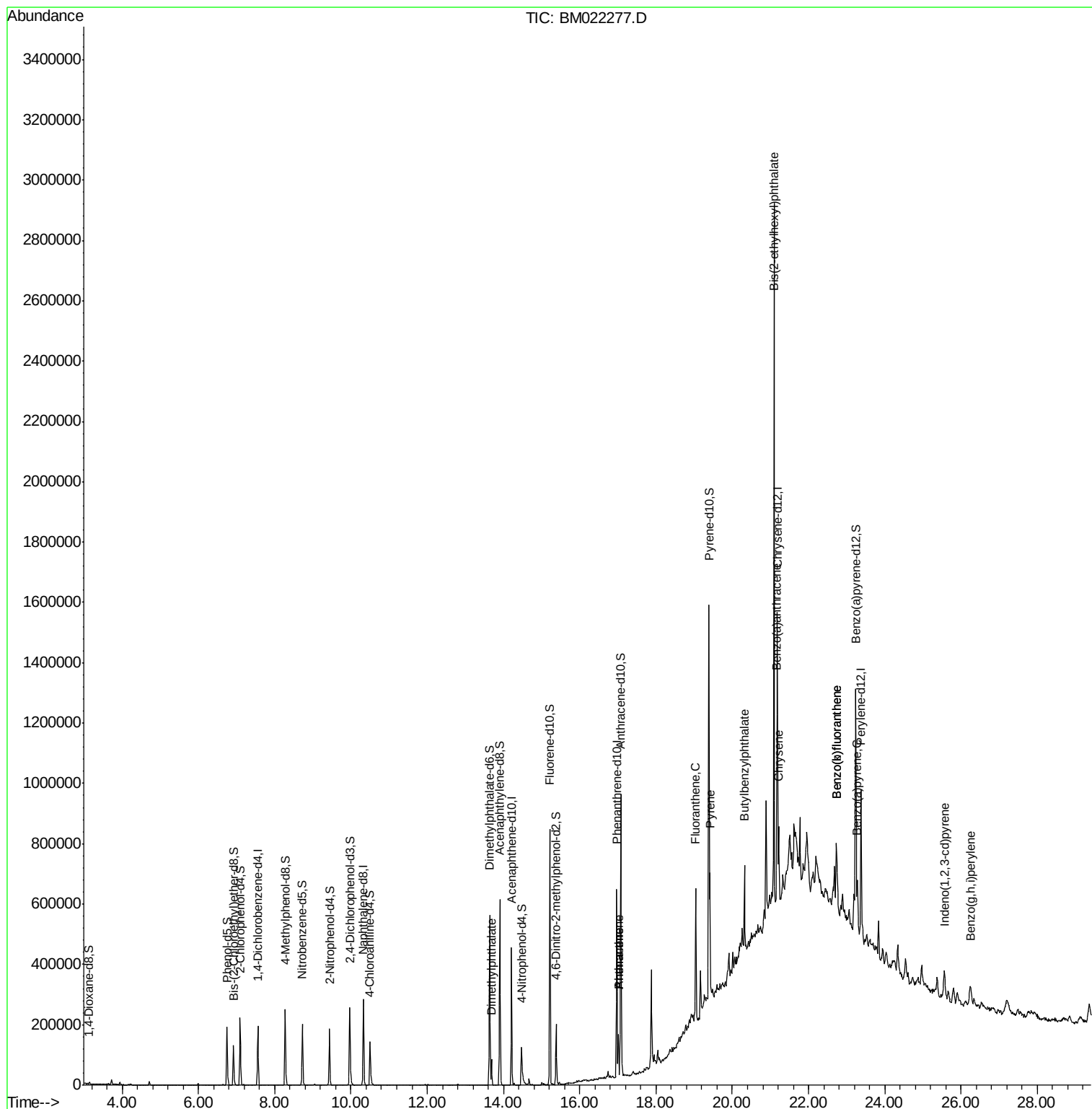
						Qvalue
44) Dimethylphthalate	13.69	163	46867	3.830	ng/ul	98
69) Phenanthrene	17.02	178	69719	3.746	ng/ul	99
71) Anthracene	17.02	178	69719	3.600	ng/ul	99
76) Fluoranthene	19.04	202	227461	8.111	ng/ul	99
79) Pyrene	19.41	202	221097	9.847	ng/ul	99
80) Butylbenzylphthalate	20.32	149	67555	7.109	ng/ul	97
82) Benzo(a)anthracene	21.17	228	135870	5.204	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.09	149	689870	48.245	ng/ul#	95
84) Chrysene	21.22	228	120870	4.951	ng/ul	96
87) Benzo(b)fluoranthene	22.73	252	156215	7.591	ng/ul#	93
88) Benzo(k)fluoranthene	22.73	252	156215	7.828	ng/ul#	95
90) Benzo(a)pyrene	23.29	252	98041	4.998	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.56	276	65469	2.874	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	56374	3.244	ng/ul#	89

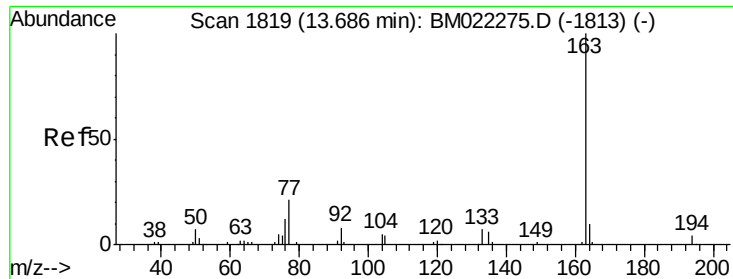
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM022277.D
Acq On : 24 Aug 2019 04:09
Operator : HP/JU
Sample : K4242-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

Quant Time: Aug 24 06:07:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

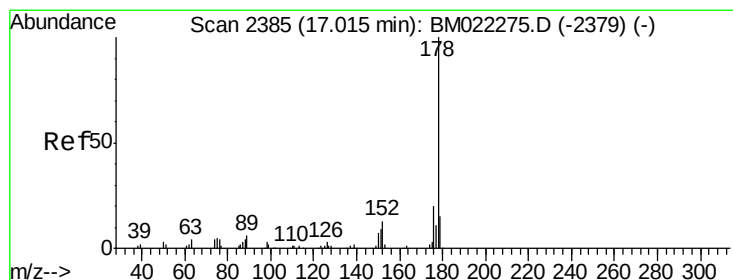
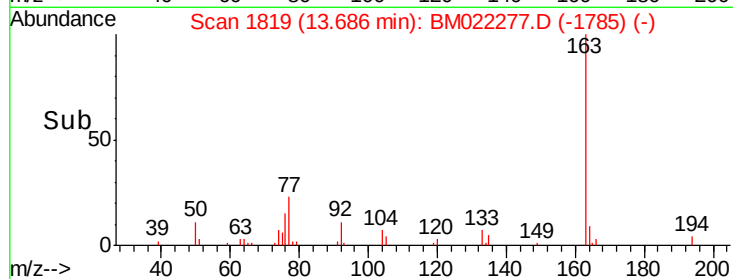
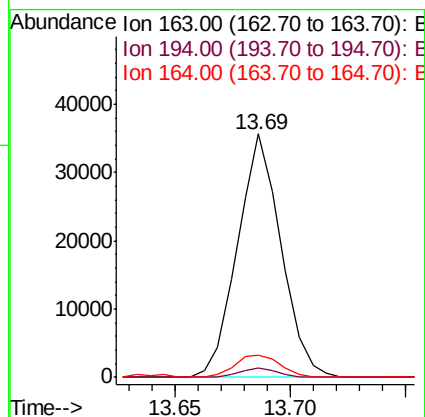
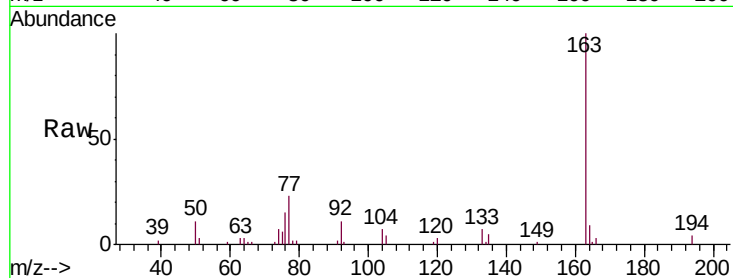




#44
 Dimethylphthalate
 Concen: 3.830 ng/ul
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

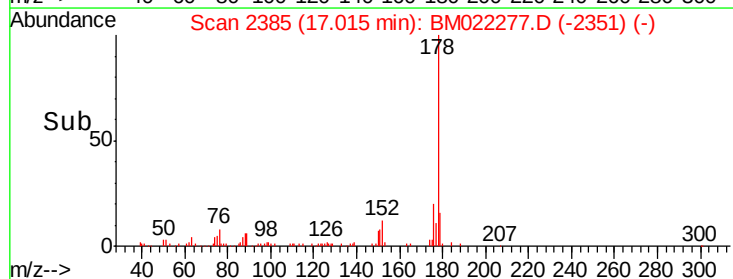
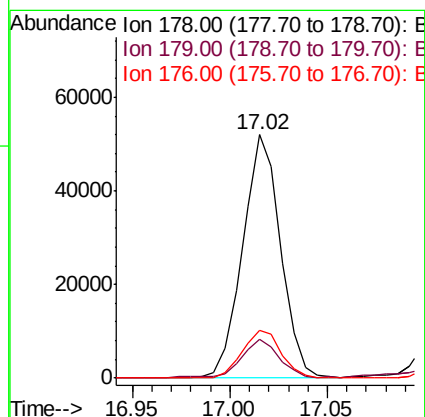
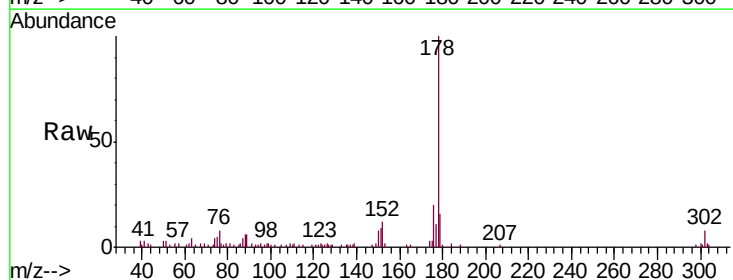
Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

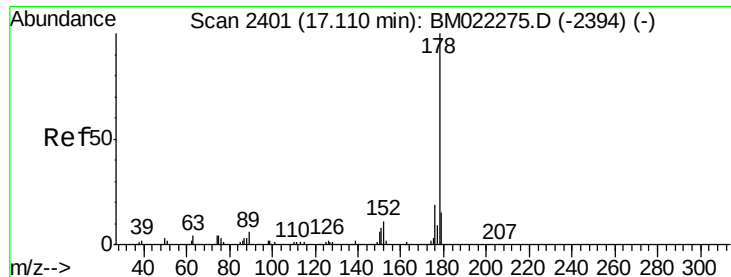
Tgt Ion:163 Resp: 46867
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 9.0 7.8 11.8



#69
 Phenanthrene
 Concen: 3.746 ng/ul
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Tgt Ion:178 Resp: 69719
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.4 18.6
 176 19.6 15.4 23.0

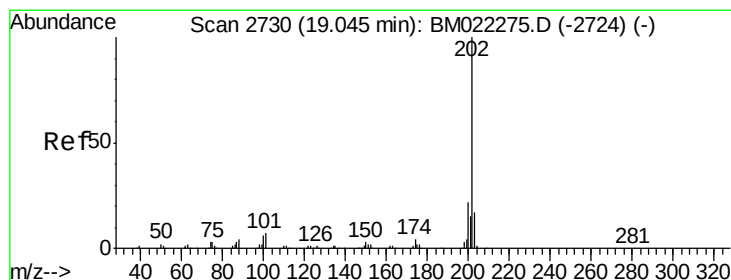
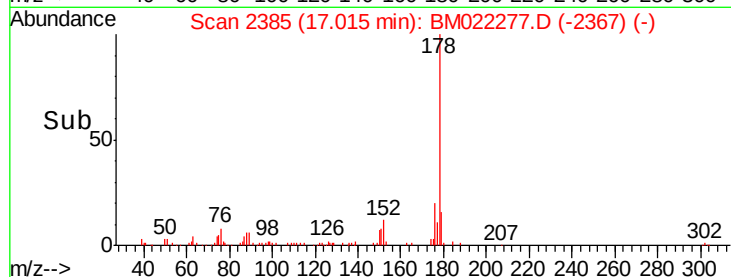
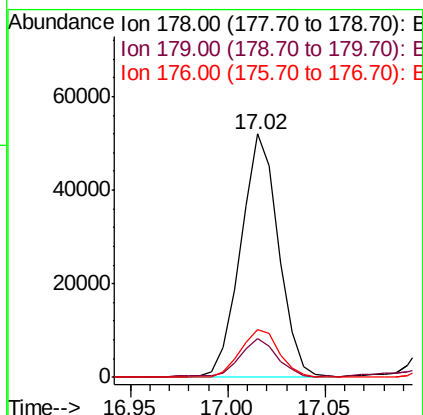
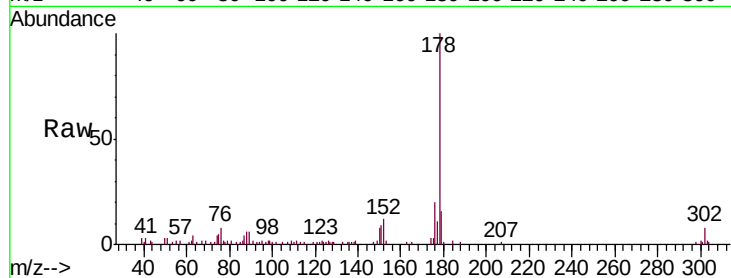




#71
 Anthracene
 Concen: 3.600 ng/ul
 RT: 17.02 min Scan# 2385
 Delta R.T. -0.09 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

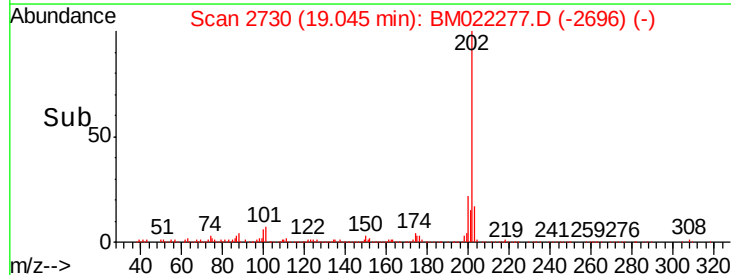
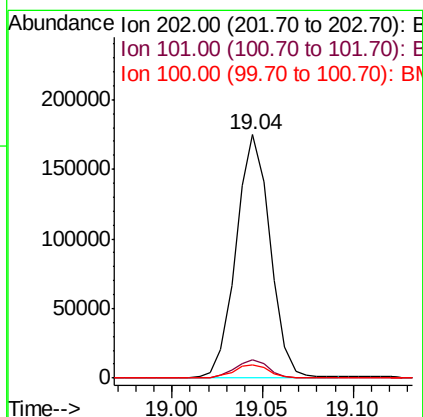
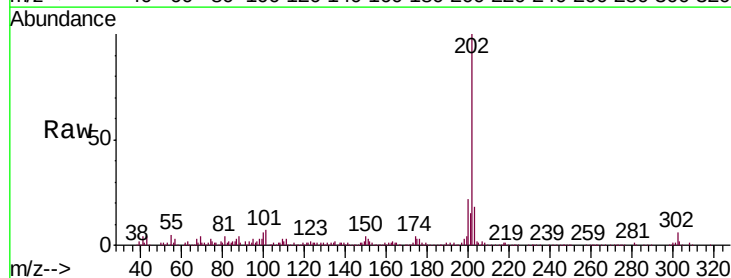
Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

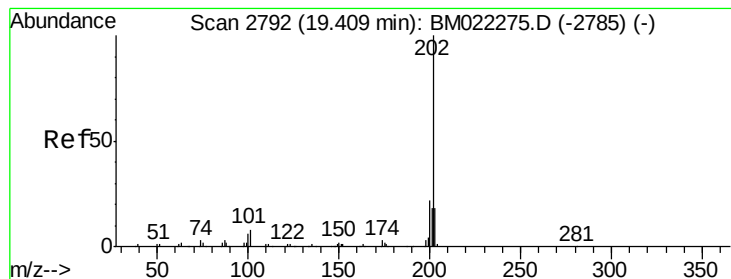
Tgt Ion:178 Resp: 69719
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 19.6 15.5 23.3



#76
 Fluoranthene
 Concen: 8.111 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Tgt Ion:202 Resp: 227461
 Ion Ratio Lower Upper
 202 100
 101 7.4 5.3 7.9
 100 5.6 4.6 6.8





#79

Pyrene

Concen: 9.847 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

ClientSampleId :

C0AF6

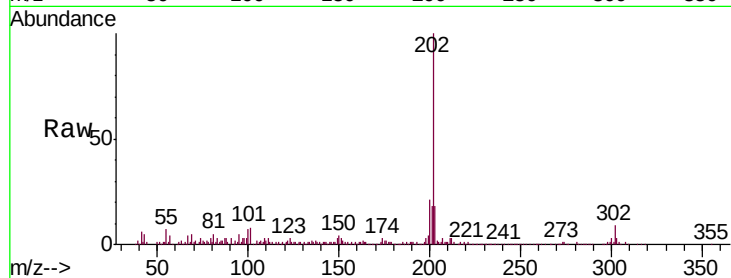
Tgt Ion:202 Resp: 221097

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

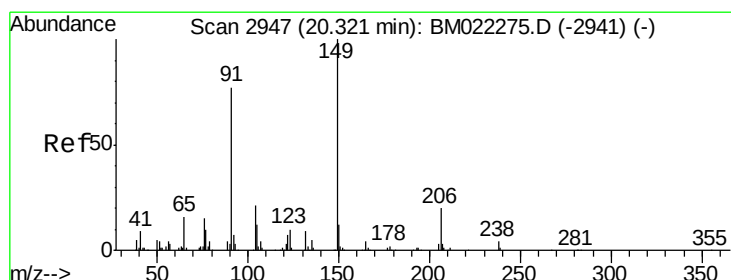
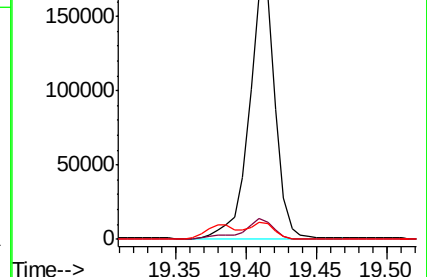
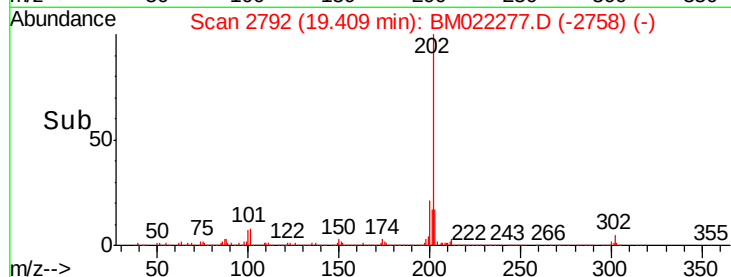
100 6.9 5.8 8.8



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



#80

Butylbenzylphthalate

Concen: 7.109 ng/ul

RT: 20.32 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

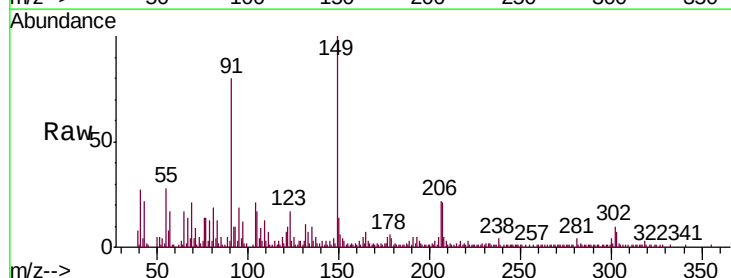
Tgt Ion:149 Resp: 67555

Ion Ratio Lower Upper

149 100

91 80.2 61.8 92.8

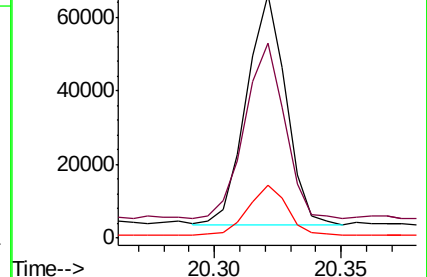
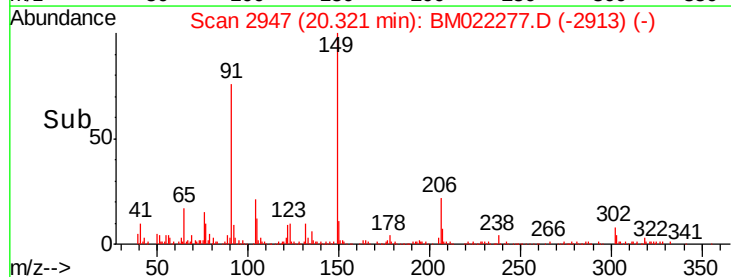
206 21.6 16.6 25.0

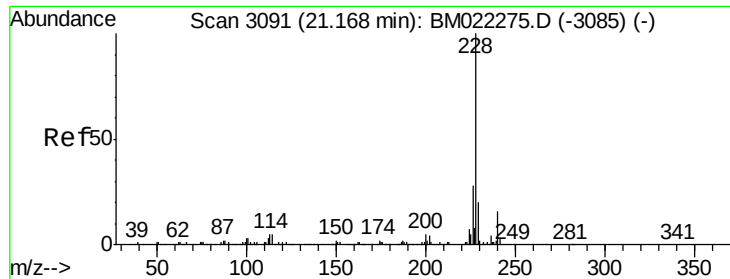


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

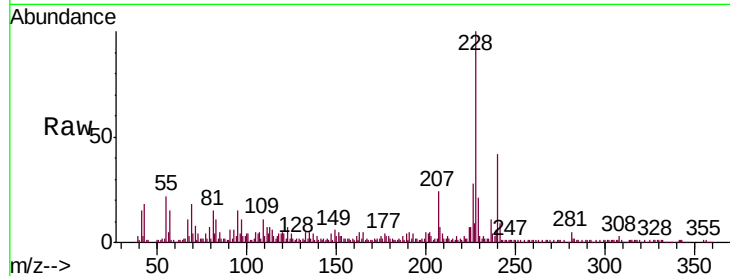




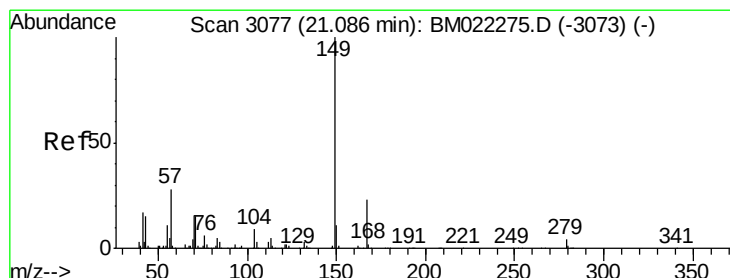
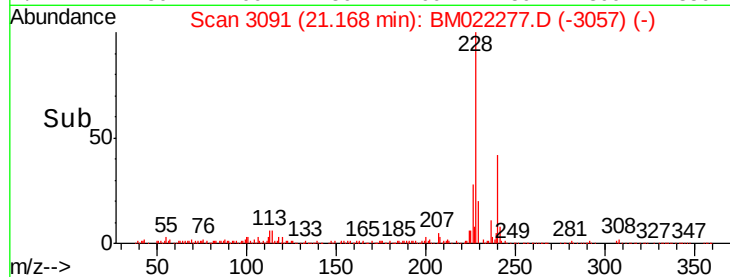
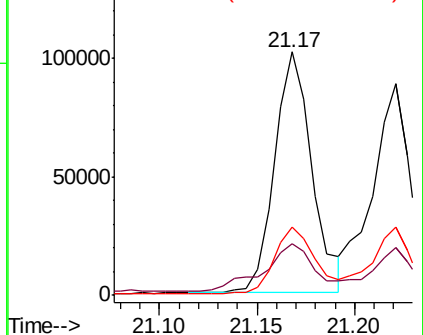
#82
 Benzo(a)anthracene
 Concen: 5.204 ng/ul
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.00 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Instrument :
 BNA_M
 ClientSampled :
 C0AF6

Tgt Ion:	228	Resp:	135870
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.2	22.8
226	28.2	22.3	33.5

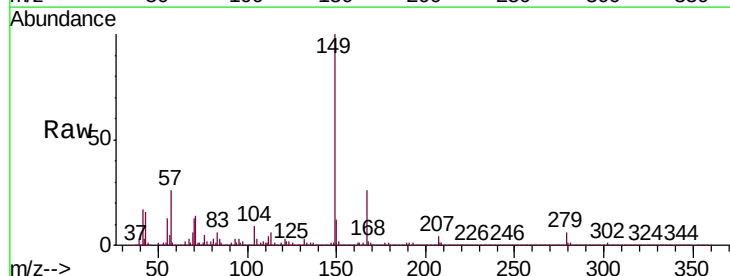


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

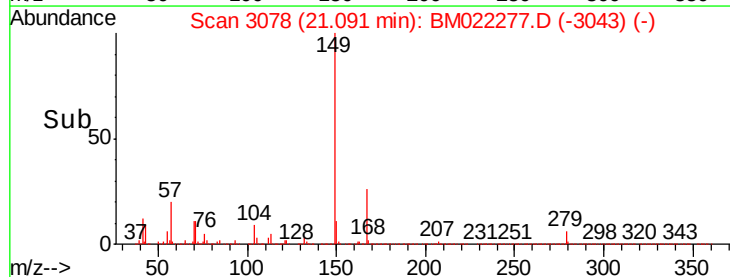
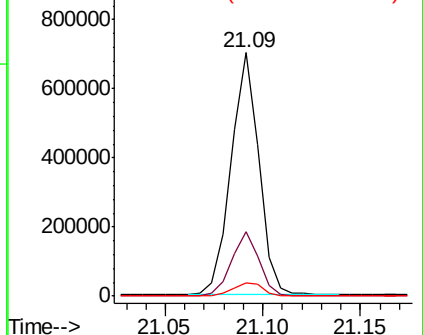


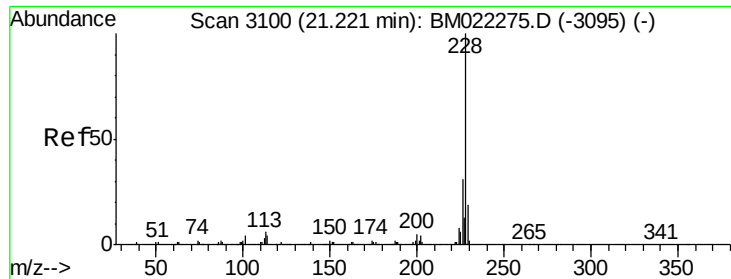
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.245 ng/ul
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.01 min
 Lab File: BM022277.D
 Acq: 24 Aug 2019 04:09

Tgt Ion:	149	Resp:	689870
Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.1	28.7
279	5.7	3.3	4.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.951 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

ClientSampleId :

C0AF6

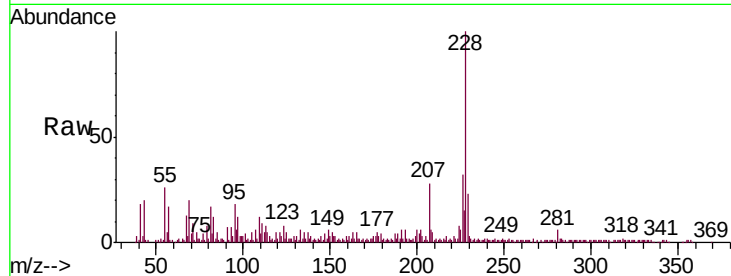
Tgt Ion:228 Resp: 120870

Ion Ratio Lower Upper

228 100

226 32.2 24.7 37.1

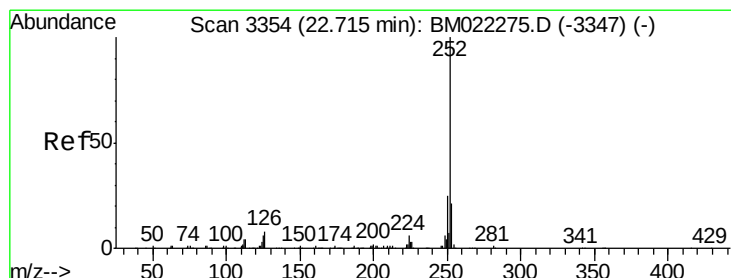
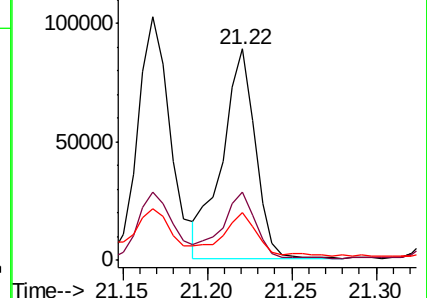
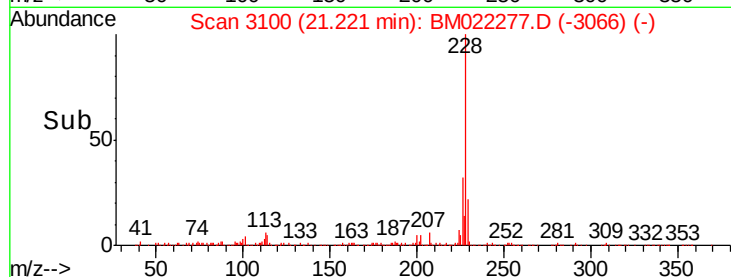
229 22.8 15.7 23.5



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



#87

Benzo(b)fluoranthene

Concen: 7.591 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

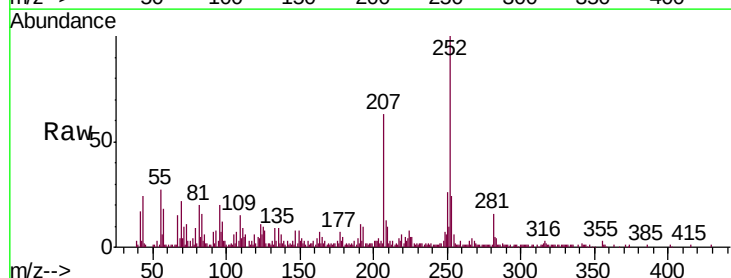
Tgt Ion:252 Resp: 156215

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.6

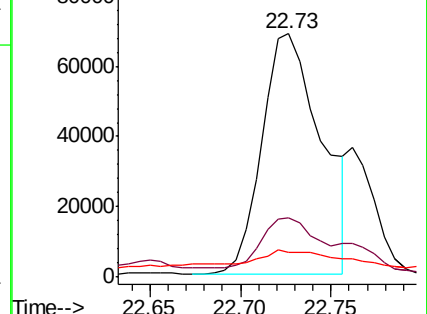
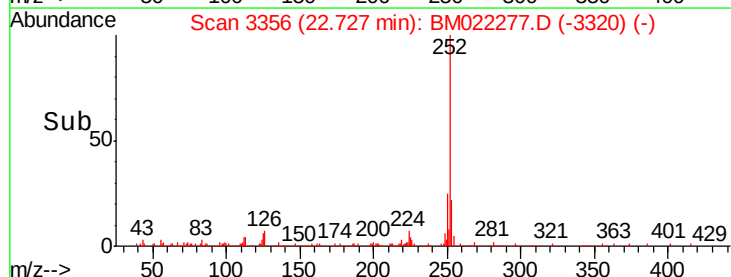
125 10.2 5.2 7.8#

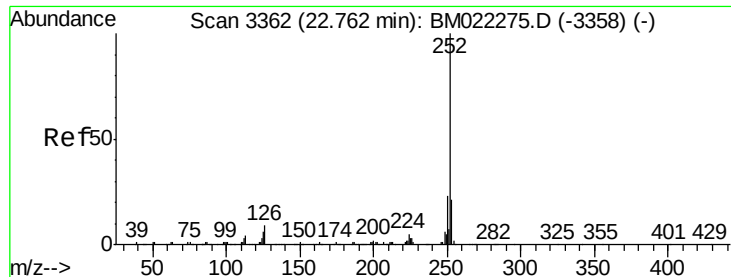


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 7.828 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

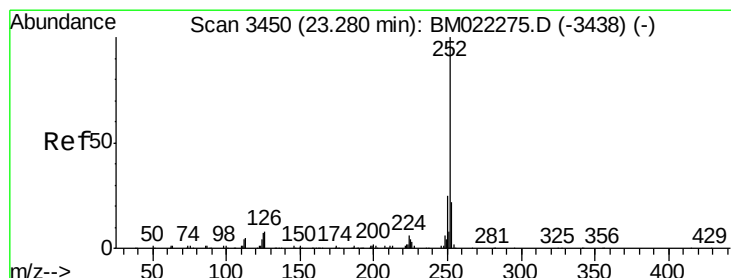
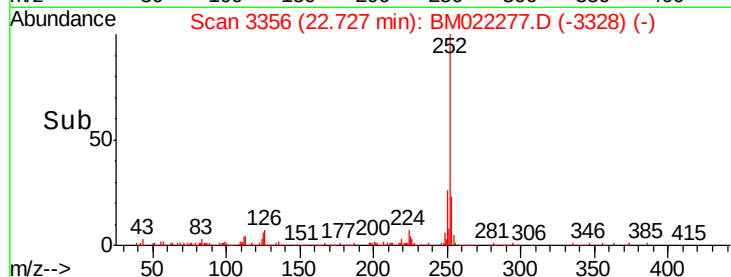
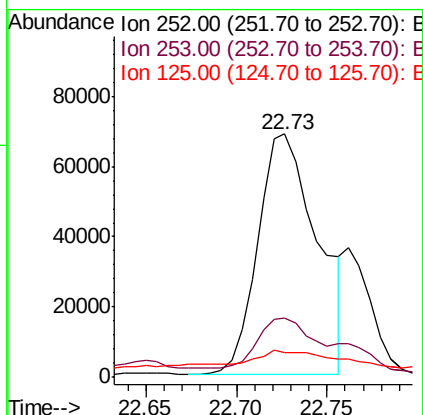
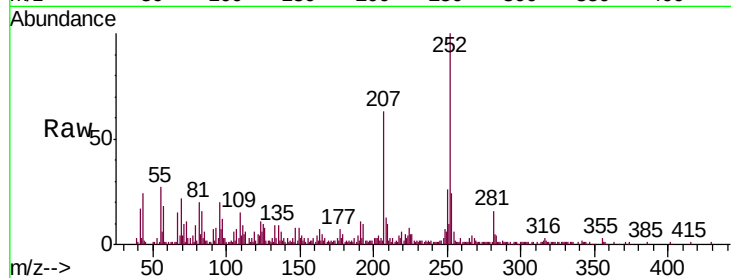
Instrument :

BNA_M

ClientSampleId :

C0AF6

Tgt Ion:	252	Resp:	156215
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.1	27.1
125	10.2	5.1	7.7#



#90

Benzo(a)pyrene

Concen: 4.998 ng/ul

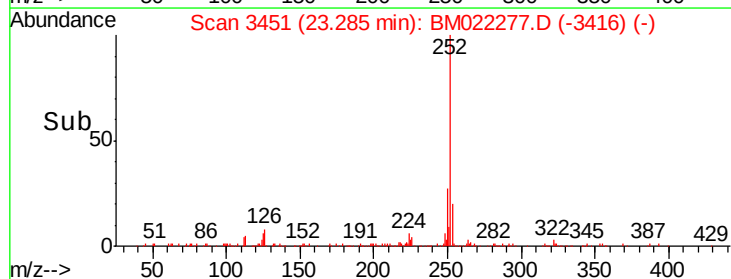
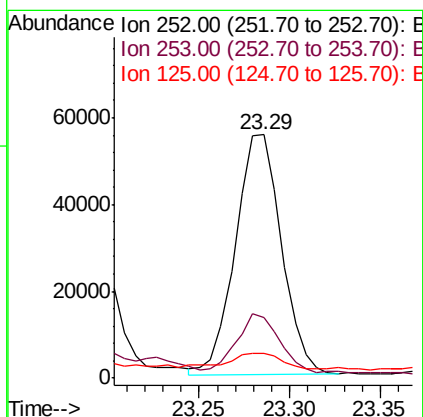
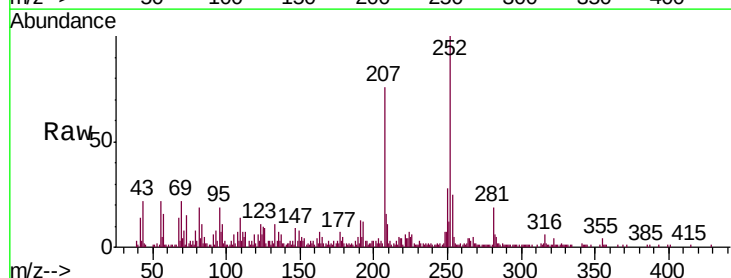
RT: 23.29 min Scan# 3451

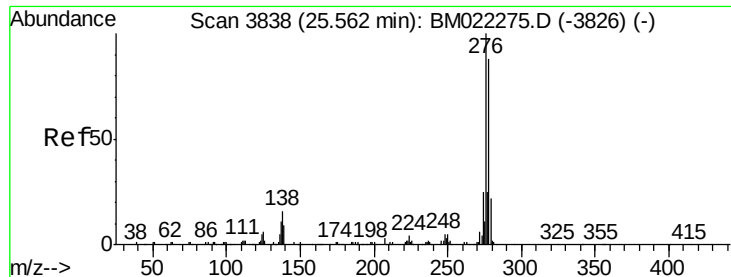
Delta R.T. 0.01 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Tgt Ion:	252	Resp:	98041
Ion Ratio	Lower	Upper	
252	100		
253	25.1	16.9	25.3
125	10.3	5.5	8.3#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.874 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Instrument :

BNA_M

ClientSampleId :

C0AF6

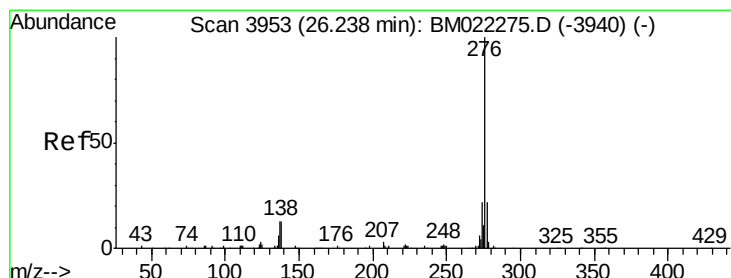
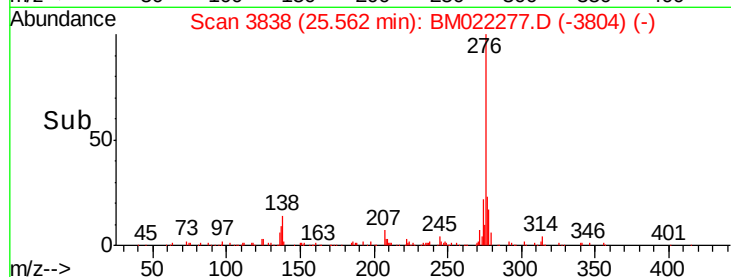
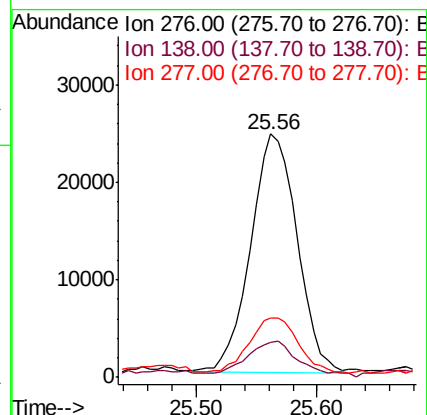
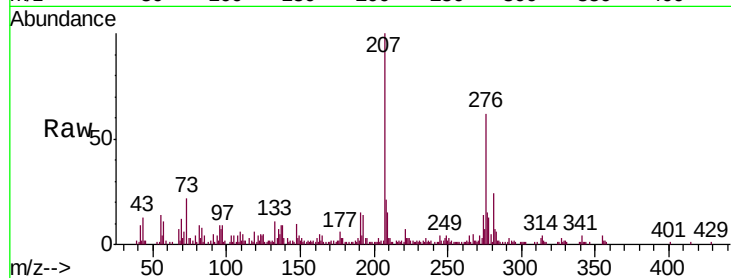
Tgt Ion:276 Resp: 65469

Ion Ratio Lower Upper

276 100

138 14.6 12.6 18.8

277 24.6 20.2 30.2



#93

Benzo(g,h,i)perylene

Concen: 3.244 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.00 min

Lab File: BM022277.D

Acq: 24 Aug 2019 04:09

Tgt Ion:276 Resp: 56374

Ion Ratio Lower Upper

276 100

138 17.4 10.2 15.4#

277 27.6 18.2 27.4#

